

## ANALYTICAL REPORT

Job Number: 460-176080-1

Job Description: Former McCandless Fuels

For:  
Antea USA, Inc.  
500 Summit Lake Drive  
Suite 150  
Valhalla, NY 10595  
Attention: Timothy Fisher



Approved for release.  
Grace Chang  
Project Manager II  
3/13/2019 11:57 AM

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03/13/2019

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## CASE NARRATIVE

Client: Antea USA, Inc.

Project: Former McCandless Fuels

Report Number: 460-176080-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

### RECEIPT

The samples were received on 2/22/2019 6:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.0° C, 2.2° C and 5.0° C.

### Receipt Exceptions

The following samples were activated by the client on 02/28/2019: PRA-B3-VD@3-3.5 (460-176080-12)  
PRA-B3-WT@8-8.5 (460-176080-13)  
PRA-B3-SI@9-9.5 (460-176080-14)  
PRA-B3-SD@19.5-20 (460-176080-15)

The remaining tests on hold were canceled by the client on 03/13/2019.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

### POLYCHLORINATED BIPHENYLS

Samples PRA-B1-VS@1-1.5 (460-176080-1), PRA-B1-VD@3-3.5 (460-176080-2), PRA-B1-WT@7.5-8 (460-176080-3), PRA-B2-VS@1-1.5 (460-176080-6), PRA-B2-VD@3-3.5 (460-176080-7), PRA-B2-WT@7.5-8 (460-176080-8), PRA-B3-VS@1-1.5 (460-176080-11), PRA-B3-VD@3-3.5 (460-176080-12), PRA-B3-WT@8-8.5 (460-176080-13), PRA-B3-SI@9-9.5 (460-176080-14), PRA-B3-SD@19.5-20 (460-176080-15), PRA-B4-VS@1-1.5 (460-176080-16), PRA-B4-VD@3-3.5 (460-176080-17), PRA-B4-WT@8-8.5 (460-176080-18), PRA-B4-SI@10.5-11 (460-176080-19), PRA-B4-SD@19.5-20 (460-176080-20), PRA-B5-VS@1-1.5 (460-176080-21), PRA-B5-VD@3-3.5 (460-176080-22), PRA-B5-WT@8-8.5 (460-176080-23), PRA-B5-SI@10.5-11 (460-176080-24), PRA-B5-SD@19.5-20 (460-176080-25), PRA-B6-VS@1-1.5 (460-176080-26), PRA-B6-VD@3-3.5 (460-176080-27), PRA-B6-WT@7.5-8 (460-176080-28), PRA-B6-SI@10.5-11 (460-176080-29), PRA-B6-SD@19.5-20 (460-176080-30), PRA-B7-VS@1-1.5 (460-176080-31), PRA-B7-VD@3-3.5 (460-176080-32), PRA-B7-WT@8-8.5 (460-176080-33), PRA-B7-SI@10.5-11 (460-176080-34), PRA-B7-SD@19.5-20 (460-176080-35), PRA-B8-VS@1-1.5 (460-176080-36), PRA-B8-VD@3-3.5 (460-176080-37), PRA-B8-WT@8-8.5 (460-176080-38), PRA-B8-SI@10.5-11 (460-176080-39), PRA-B8-SD@19.5-20 (460-176080-40), PRA-B9-VS@1-1.5 (460-176080-41), PRA-B9-VD@3-3.5 (460-176080-42), PRA-B9-WT@8-8.5 (460-176080-43), PRA-B9-SI@10-10.5 (460-176080-44), PRA-B9-SD@19.5-20 (460-176080-45), PRA-B10-VS@1-1.5 (460-176080-46), PRA-B10-VD@3-3.5 (460-176080-47), PRA-B10-SI@8-8.5 (460-176080-48), PRA-B10-SI@10.5-11 (460-176080-49), PRA-B10-SD@19.5-20 (460-176080-50), DUP-1 (460-176080-51), DUP-2 (460-176080-52) and DUP-3 (460-176080-53) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 02/27/2019 and 03/07/2019 and analyzed on 02/28/2019 and 03/08/2019.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PRA-B7-WT@8-8.5 (460-176080-33). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for PRA-B7-SI@10.5-11 (460-176080-34). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PRA-B8-WT@8-8.5 (460-176080-38). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for DUP-2 (460-176080-52). Refer to the QC report for details.

Aroclor 1260 failed the recovery criteria high for the MS of sample PRA-B9-VD@3-3.5MS (460-176080-42) in batch 460-592236.

Refer to the QC report for details.

Aroclor 1260 failed the recovery criteria high for the MS of sample PRA-B9-VD@3-3.5MS (460-176080-42) in batch 460-592236.

Refer to the QC report for details.

Samples PRA-B4-WT@8-8.5 (460-176080-18)[2X], PRA-B6-VS@1-1.5 (460-176080-26)[2X], PRA-B6-WT@7.5-8 (460-176080-28)[10X], PRA-B7-WT@8-8.5 (460-176080-33)[50X], PRA-B8-WT@8-8.5 (460-176080-38)[50X], PRA-B9-WT@8-8.5 (460-176080-43)[10X] and DUP-2 (460-176080-52)[25X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: PRA-B7-SI@10.5-11 (460-176080-34). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PRA-B6-VS@1-1.5 (460-176080-26), PRA-B6-WT@7.5-8 (460-176080-28), PRA-B7-WT@8-8.5 (460-176080-33), PRA-B8-WT@8-8.5 (460-176080-38) and PRA-B9-WT@8-8.5 (460-176080-43) at 2.0, 2.0, 10.0, 10.0, 50.0, 50.0, 50.0, 50.0, 10.0 and 10.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted due to the abundance of target analytes: PRA-B7-WT@8-8.5 (460-176080-33) and PRA-B8-WT@8-8.5 (460-176080-38)

The following sample was diluted to bring the concentration of target analytes within the calibration range: DUP-2 (460-176080-52) at 25.0 and 25.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted due to the abundance of target analytes: DUP-2 (460-176080-52)

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

#### **POLYCHLORINATED BIPHENYLS (PCBS)**

Sample PRA-EB-1 (460-176080-54) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared and analyzed on 02/27/2019.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

#### **PERCENT SOLIDS/PERCENT MOISTURE**

Samples PRA-B1-VS@1-1.5 (460-176080-1), PRA-B1-VD@3-3.5 (460-176080-2), PRA-B1-WT@7.5-8 (460-176080-3), PRA-B2-VS@1-1.5 (460-176080-6), PRA-B2-VD@3-3.5 (460-176080-7), PRA-B2-WT@7.5-8 (460-176080-8), PRA-B3-VS@1-1.5 (460-176080-11), PRA-B3-VD@3-3.5 (460-176080-12), PRA-B3-WT@8-8.5 (460-176080-13), PRA-B3-SI@9-9.5 (460-176080-14), PRA-B3-SD@19.5-20 (460-176080-15), PRA-B4-VS@1-1.5 (460-176080-16), PRA-B4-VD@3-3.5 (460-176080-17), PRA-B4-WT@8-8.5 (460-176080-18), PRA-B4-SI@10.5-11 (460-176080-19), PRA-B4-SD@19.5-20 (460-176080-20), PRA-B5-VS@1-1.5 (460-176080-21), PRA-B5-VD@3-3.5 (460-176080-22), PRA-B5-WT@8-8.5 (460-176080-23), PRA-B5-SI@10.5-11 (460-176080-24), PRA-B5-SD@19.5-20 (460-176080-25), PRA-B6-VS@1-1.5 (460-176080-26), PRA-B6-VD@3-3.5 (460-176080-27), PRA-B6-WT@7.5-8 (460-176080-28), PRA-B6-SI@10.5-11 (460-176080-29), PRA-B6-SD@19.5-20 (460-176080-30), PRA-B7-VS@1-1.5 (460-176080-31), PRA-B7-VD@3-3.5 (460-176080-32), PRA-B7-WT@8-8.5 (460-176080-33), PRA-B7-SI@10.5-11 (460-176080-34), PRA-B7-SD@19.5-20 (460-176080-35), PRA-B8-VS@1-1.5 (460-176080-36), PRA-B8-VD@3-3.5 (460-176080-37), PRA-B8-WT@8-8.5 (460-176080-38), PRA-B8-SI@10.5-11 (460-176080-39), PRA-B8-SD@19.5-20 (460-176080-40), PRA-B9-VS@1-1.5 (460-176080-41), PRA-B9-VD@3-3.5 (460-176080-42), PRA-B9-WT@8-8.5 (460-176080-43), PRA-B9-SI@10-10.5 (460-176080-44), PRA-B9-SD@19.5-20 (460-176080-45), PRA-B10-VS@1-1.5 (460-176080-46), PRA-B10-VD@3-3.5 (460-176080-47), PRA-B10-SI@8-8.5 (460-176080-48), PRA-B10-SI@10.5-11 (460-176080-49), PRA-B10-SD@19.5-20 (460-176080-50), DUP-1 (460-176080-51), DUP-2 (460-176080-52) and DUP-3 (460-176080-53) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 02/27/2019, 02/28/2019 and 03/11/2019.

Percent Moisture exceeded the RPD limit for the duplicate of sample PRA-B8-SD@19.5-20DU (460-176080-40). Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

# Sample Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-176080-1	PRA-B1-VS@1-1.5	Solid	02/22/19 08:30	02/22/19 18:00
460-176080-2	PRA-B1-VD@3-3.5	Solid	02/22/19 08:35	02/22/19 18:00
460-176080-3	PRA-B1-WT@7.5-8	Solid	02/22/19 08:40	02/22/19 18:00
460-176080-6	PRA-B2-VS @1-1.5	Solid	02/22/19 09:35	02/22/19 18:00
460-176080-7	PRA-B2-VD@3-3.5	Solid	02/22/19 09:40	02/22/19 18:00
460-176080-8	PRA-B2-WT@7.5-8	Solid	02/22/19 09:44	02/22/19 18:00
460-176080-11	PRA-B3-VS@1-1.5	Solid	02/22/19 10:22	02/22/19 18:00
460-176080-12	PRA-B3-VD@3-3.5	Solid	02/22/19 10:25	02/22/19 18:00
460-176080-13	PRA-B3-WT@8-8.5	Solid	02/22/19 10:28	02/22/19 18:00
460-176080-14	PRA-B3-SI@9-9.5	Solid	02/22/19 10:30	02/22/19 18:00
460-176080-15	PRA-B3-SD@19.5-20	Solid	02/22/19 10:35	02/22/19 18:00
460-176080-16	PRA-B4-VS@1-1.5	Solid	02/22/19 13:05	02/22/19 18:00
460-176080-17	PRA-B4-VD@3-3.5	Solid	02/22/19 13:07	02/22/19 18:00
460-176080-18	PRA-B4-WT@8-8.5	Solid	02/22/19 13:10	02/22/19 18:00
460-176080-19	PRA-B4-SI@10.5-11	Solid	02/22/19 13:12	02/22/19 18:00
460-176080-20	PRA-B4-SD@19.5-20	Solid	02/22/19 13:15	02/22/19 18:00
460-176080-21	PRA-B5-VS@1-1.5	Solid	02/22/19 10:05	02/22/19 18:00
460-176080-22	PRA-B5-VD@3-3.5	Solid	02/22/19 10:13	02/22/19 18:00
460-176080-23	PRA-B5-WT@8-8.5	Solid	02/22/19 10:55	02/22/19 18:00
460-176080-24	PRA-B5-SI@10.5-11	Solid	02/22/19 10:58	02/22/19 18:00
460-176080-25	PRA-B5-SD@19.5-20	Solid	02/22/19 11:02	02/22/19 18:00
460-176080-26	PRA-B6-VS@1-1.5	Solid	02/22/19 13:25	02/22/19 18:00
460-176080-27	PRA-B6-VD@3-3.5	Solid	02/22/19 13:27	02/22/19 18:00
460-176080-28	PRA-B6-WT@7.5-8	Solid	02/22/19 13:30	02/22/19 18:00
460-176080-29	PRA-B6-SI@10.5-11	Solid	02/22/19 13:32	02/22/19 18:00
460-176080-30	PRA-B6-SD@19.5-20	Solid	02/22/19 13:35	02/22/19 18:00
460-176080-31	PRA-B7-VS@1-1.5	Solid	02/22/19 12:45	02/22/19 18:00
460-176080-32	PRA-B7-VD@3-3.5	Solid	02/22/19 12:47	02/22/19 18:00
460-176080-33	PRA-B7-WT@8-8.5	Solid	02/22/19 12:50	02/22/19 18:00
460-176080-34	PRA-B7-SI@10.5-11	Solid	02/22/19 12:52	02/22/19 18:00
460-176080-35	PRA-B7-SD@19.5-20	Solid	02/22/19 12:55	02/22/19 18:00
460-176080-36	PRA-B8-VS@1-1.5	Solid	02/22/19 13:42	02/22/19 18:00
460-176080-37	PRA-B8-VD@3-3.5	Solid	02/22/19 13:45	02/22/19 18:00
460-176080-38	PRA-B8-WT@8-8.5	Solid	02/22/19 13:47	02/22/19 18:00
460-176080-39	PRA-B8-SI@10.5-11	Solid	02/22/19 13:50	02/22/19 18:00
460-176080-40	PRA-B8-SD@19.5-20	Solid	02/22/19 13:55	02/22/19 18:00
460-176080-41	PRA-B9-VS@1-1.5	Solid	02/22/19 11:15	02/22/19 18:00
460-176080-42	PRA-B9-VD@3-3.5	Solid	02/22/19 11:18	02/22/19 18:00
460-176080-43	PRA-B9-WT@8-8.5	Solid	02/22/19 11:20	02/22/19 18:00
460-176080-44	PRA-B9-SI@10-10.5	Solid	02/22/19 11:25	02/22/19 18:00
460-176080-45	PRA-B9-SD@19.5-20	Solid	02/22/19 11:30	02/22/19 18:00
460-176080-46	PRA-B10-VS@1-1.5	Solid	02/22/19 11:37	02/22/19 18:00
460-176080-47	PRA-B10-VD@3-3.5	Solid	02/22/19 11:40	02/22/19 18:00
460-176080-48	PRA-B10-SI@8-8.5	Solid	02/22/19 11:42	02/22/19 18:00
460-176080-49	PRA-B10-SI@10.5-11	Solid	02/22/19 11:45	02/22/19 18:00
460-176080-50	PRA-B10-SD@19.5-20	Solid	02/22/19 11:50	02/22/19 18:00
460-176080-51	DUP-1	Solid	02/22/19 00:00	02/22/19 18:00
460-176080-52	DUP-2	Solid	02/22/19 00:00	02/22/19 18:00
460-176080-53	DUP-3	Solid	02/22/19 00:00	02/22/19 18:00
460-176080-54	PRA-EB-1	Water	02/22/19 13:50	02/22/19 18:00

# Detection Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B1-VS@1-1.5**

**Lab Sample ID: 460-176080-1**

No Detections.

**Client Sample ID: PRA-B1-VD@3-3.5**

**Lab Sample ID: 460-176080-2**

No Detections.

**Client Sample ID: PRA-B1-WT@7.5-8**

**Lab Sample ID: 460-176080-3**

No Detections.

**Client Sample ID: PRA-B2-VS @1-1.5**

**Lab Sample ID: 460-176080-6**

No Detections.

**Client Sample ID: PRA-B2-VD@3-3.5**

**Lab Sample ID: 460-176080-7**

No Detections.

**Client Sample ID: PRA-B2-WT@7.5-8**

**Lab Sample ID: 460-176080-8**

No Detections.

**Client Sample ID: PRA-B3-VS@1-1.5**

**Lab Sample ID: 460-176080-11**

No Detections.

**Client Sample ID: PRA-B3-VD@3-3.5**

**Lab Sample ID: 460-176080-12**

No Detections.

**Client Sample ID: PRA-B3-WT@8-8.5**

**Lab Sample ID: 460-176080-13**

No Detections.

**Client Sample ID: PRA-B3-SI-@9-9.5**

**Lab Sample ID: 460-176080-14**

No Detections.

**Client Sample ID: PRA-B3-SD-@19.5-20**

**Lab Sample ID: 460-176080-15**

No Detections.

**Client Sample ID: PRA-B4-VS@1-1.5**

**Lab Sample ID: 460-176080-16**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor 1248	780		72	9.6	ug/Kg	1	☼		8082A	Total/NA
Aroclor 1260	660		72	9.9	ug/Kg	1	☼		8082A	Total/NA

**Client Sample ID: PRA-B4-VD@3-3.5**

**Lab Sample ID: 460-176080-17**

No Detections.

**Client Sample ID: PRA-B4-WT@8-8.5**

**Lab Sample ID: 460-176080-18**

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

# Detection Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Client Sample ID: PRA-B4-WT@8-8.5 (Continued)

Lab Sample ID: 460-176080-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1242	2300		160	22	ug/Kg	2	☼	8082A	Total/NA

## Client Sample ID: PRA-B4-SI@10.5-11

Lab Sample ID: 460-176080-19

No Detections.

## Client Sample ID: PRA-B4-SD@19.5-20

Lab Sample ID: 460-176080-20

No Detections.

## Client Sample ID: PRA-B5-VS@1-1.5

Lab Sample ID: 460-176080-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1248	210		80	11	ug/Kg	1	☼	8082A	Total/NA
Aroclor 1260	59	J	80	11	ug/Kg	1	☼	8082A	Total/NA

## Client Sample ID: PRA-B5-VD@3-3.5

Lab Sample ID: 460-176080-22

No Detections.

## Client Sample ID: PRA-B5-WT@8-8.5

Lab Sample ID: 460-176080-23

No Detections.

## Client Sample ID: PRA-B5-SI@10.5-11

Lab Sample ID: 460-176080-24

No Detections.

## Client Sample ID: PRA-B5-SD@19.5-20

Lab Sample ID: 460-176080-25

No Detections.

## Client Sample ID: PRA-B6-VS@1-1.5

Lab Sample ID: 460-176080-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1248	1800		160	21	ug/Kg	2	☼	8082A	Total/NA
Aroclor 1260	590		160	22	ug/Kg	2	☼	8082A	Total/NA

## Client Sample ID: PRA-B6-VD@3-3.5

Lab Sample ID: 460-176080-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1242	180		79	10	ug/Kg	1	☼	8082A	Total/NA

## Client Sample ID: PRA-B6-WT@7.5-8

Lab Sample ID: 460-176080-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1242	14000		810	110	ug/Kg	10	☼	8082A	Total/NA

## Client Sample ID: PRA-B6-SI@10.5-11

Lab Sample ID: 460-176080-29

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Edison



# Detection Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B6-SD@19.5-20**

**Lab Sample ID: 460-176080-30**

No Detections.

**Client Sample ID: PRA-B7-VS@1-1.5**

**Lab Sample ID: 460-176080-31**

No Detections.

**Client Sample ID: PRA-B7-VD@3-3.5**

**Lab Sample ID: 460-176080-32**

No Detections.

**Client Sample ID: PRA-B7-WT@8-8.5**

**Lab Sample ID: 460-176080-33**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor 1242	45000		3900	510	ug/Kg	50		☼	8082A	Total/NA
Aroclor 1260	7300		3900	530	ug/Kg	50		☼	8082A	Total/NA

**Client Sample ID: PRA-B7-SI@10.5-11**

**Lab Sample ID: 460-176080-34**

No Detections.

**Client Sample ID: PRA-B7-SD@19.5-20**

**Lab Sample ID: 460-176080-35**

No Detections.

**Client Sample ID: PRA-B8-VS@1-1.5**

**Lab Sample ID: 460-176080-36**

No Detections.

**Client Sample ID: PRA-B8-VD@3-3.5**

**Lab Sample ID: 460-176080-37**

No Detections.

**Client Sample ID: PRA-B8-WT@8-8.5**

**Lab Sample ID: 460-176080-38**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor 1242	59000		4000	530	ug/Kg	50		☼	8082A	Total/NA

**Client Sample ID: PRA-B8-SI@10.5-11**

**Lab Sample ID: 460-176080-39**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor 1242	130		82	11	ug/Kg	1		☼	8082A	Total/NA

**Client Sample ID: PRA-B8-SD@19.5-20**

**Lab Sample ID: 460-176080-40**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor 1242	150		84	11	ug/Kg	1		☼	8082A	Total/NA

**Client Sample ID: PRA-B9-VS@1-1.5**

**Lab Sample ID: 460-176080-41**

No Detections.

**Client Sample ID: PRA-B9-VD@3-3.5**

**Lab Sample ID: 460-176080-42**

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

# Detection Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Client Sample ID: PRA-B9-WT@8-8.5

Lab Sample ID: 460-176080-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1242	12000		760	100	ug/Kg	10	☼	8082A	Total/NA
Aroclor 1260	3200		760	100	ug/Kg	10	☼	8082A	Total/NA

## Client Sample ID: PRA-B9-SI@10-10.5

Lab Sample ID: 460-176080-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1242	1000		83	11	ug/Kg	1	☼	8082A	Total/NA
Aroclor 1260	250		83	11	ug/Kg	1	☼	8082A	Total/NA

## Client Sample ID: PRA-B9-SD@19.5-20

Lab Sample ID: 460-176080-45

No Detections.

## Client Sample ID: PRA-B10-VS@1-1.5

Lab Sample ID: 460-176080-46

No Detections.

## Client Sample ID: PRA-B10-VD@3-3.5

Lab Sample ID: 460-176080-47

No Detections.

## Client Sample ID: PRA-B10-SI@8-8.5

Lab Sample ID: 460-176080-48

No Detections.

## Client Sample ID: PRA-B10-SI@10.5-11

Lab Sample ID: 460-176080-49

No Detections.

## Client Sample ID: PRA-B10-SD@19.5-20

Lab Sample ID: 460-176080-50

No Detections.

## Client Sample ID: DUP-1

Lab Sample ID: 460-176080-51

No Detections.

## Client Sample ID: DUP-2

Lab Sample ID: 460-176080-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1242	32000		1900	250	ug/Kg	25	☼	8082A	Total/NA
Aroclor 1260	7000		1900	260	ug/Kg	25	☼	8082A	Total/NA

## Client Sample ID: DUP-3

Lab Sample ID: 460-176080-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1242	140		78	10	ug/Kg	1	☼	8082A	Total/NA

## Client Sample ID: PRA-EB-1

Lab Sample ID: 460-176080-54

No Detections.

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

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<b>Method</b>	<b>Method Description</b>	<b>Protocol</b>	<b>Laboratory</b>
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI

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**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B1-VS@1-1.5**

**Date Collected: 02/22/19 08:30**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-1**

**Matrix: Solid**

**Percent Solids: 82.9**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1
Aroclor 1221	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1
Aroclor 1232	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1
Aroclor 1242	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1
Aroclor 1248	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1
Aroclor 1254	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1
Aroclor 1260	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1
Aroclor 1262	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1
Aroclor 1268	11	U	81	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		53 - 150	02/27/19 08:41	02/28/19 03:12	1
DCB Decachlorobiphenyl	127		53 - 150	02/27/19 08:41	02/28/19 03:12	1

**Client Sample ID: PRA-B1-VD@3-3.5**

**Date Collected: 02/22/19 08:35**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-2**

**Matrix: Solid**

**Percent Solids: 80.7**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1
Aroclor 1221	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1
Aroclor 1232	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1
Aroclor 1242	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1
Aroclor 1248	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1
Aroclor 1254	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1
Aroclor 1260	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1
Aroclor 1262	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1
Aroclor 1268	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	113		53 - 150	02/27/19 08:41	02/28/19 03:30	1
DCB Decachlorobiphenyl	104		53 - 150	02/27/19 08:41	02/28/19 03:30	1

**Client Sample ID: PRA-B1-WT@7.5-8**

**Date Collected: 02/22/19 08:40**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-3**

**Matrix: Solid**

**Percent Solids: 88.3**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1
Aroclor 1221	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1
Aroclor 1232	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1
Aroclor 1242	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1
Aroclor 1248	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1
Aroclor 1254	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1
Aroclor 1260	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1
Aroclor 1262	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1
Aroclor 1268	10	U	76	10	ug/Kg	☼	02/27/19 08:41	02/28/19 02:55	1

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B1-WT@7.5-8**

Date Collected: 02/22/19 08:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-3**

Matrix: Solid

Percent Solids: 88.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		53 - 150	02/27/19 08:41	02/28/19 02:55	1
DCB Decachlorobiphenyl	112		53 - 150	02/27/19 08:41	02/28/19 02:55	1

**Client Sample ID: PRA-B2-VS @1-1.5**

Date Collected: 02/22/19 09:35

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-6**

Matrix: Solid

Percent Solids: 86.2

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1
Aroclor 1221	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1
Aroclor 1232	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1
Aroclor 1242	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1
Aroclor 1248	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1
Aroclor 1254	11	U	78	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1
Aroclor 1260	11	U	78	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1
Aroclor 1262	11	U	78	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1
Aroclor 1268	11	U	78	11	ug/Kg	☼	02/27/19 08:41	02/28/19 03:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		53 - 150	02/27/19 08:41	02/28/19 03:47	1
DCB Decachlorobiphenyl	114		53 - 150	02/27/19 08:41	02/28/19 03:47	1

**Client Sample ID: PRA-B2-VD@3-3.5**

Date Collected: 02/22/19 09:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-7**

Matrix: Solid

Percent Solids: 93.8

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	9.5	U	71	9.5	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1
Aroclor 1221	9.5	U	71	9.5	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1
Aroclor 1232	9.5	U	71	9.5	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1
Aroclor 1242	9.5	U	71	9.5	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1
Aroclor 1248	9.5	U	71	9.5	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1
Aroclor 1254	9.8	U	71	9.8	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1
Aroclor 1260	9.8	U	71	9.8	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1
Aroclor 1262	9.8	U	71	9.8	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1
Aroclor 1268	9.8	U	71	9.8	ug/Kg	☼	02/27/19 08:41	02/28/19 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	104		53 - 150	02/27/19 08:41	02/28/19 04:04	1
DCB Decachlorobiphenyl	111		53 - 150	02/27/19 08:41	02/28/19 04:04	1

**Client Sample ID: PRA-B2-WT@7.5-8**

Date Collected: 02/22/19 09:44

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-8**

Matrix: Solid

Percent Solids: 80.1

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1
Aroclor 1221	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B2-WT@7.5-8**

**Lab Sample ID: 460-176080-8**

**Date Collected: 02/22/19 09:44**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 80.1**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1
Aroclor 1242	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1
Aroclor 1248	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1
Aroclor 1254	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1
Aroclor 1260	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1
Aroclor 1262	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1
Aroclor 1268	11	U	84	11	ug/Kg	☼	02/27/19 08:41	02/28/19 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		53 - 150	02/27/19 08:41	02/28/19 04:21	1
DCB Decachlorobiphenyl	125		53 - 150	02/27/19 08:41	02/28/19 04:21	1

**Client Sample ID: PRA-B3-VS@1-1.5**

**Lab Sample ID: 460-176080-11**

**Date Collected: 02/22/19 10:22**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 94.6**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1
Aroclor 1221	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1
Aroclor 1232	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1
Aroclor 1242	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1
Aroclor 1248	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1
Aroclor 1254	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1
Aroclor 1260	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1
Aroclor 1262	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1
Aroclor 1268	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:41	02/28/19 04:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		53 - 150	02/27/19 08:41	02/28/19 04:38	1
DCB Decachlorobiphenyl	105		53 - 150	02/27/19 08:41	02/28/19 04:38	1

**Client Sample ID: PRA-B3-VD@3-3.5**

**Lab Sample ID: 460-176080-12**

**Date Collected: 02/22/19 10:25**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 83.5**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1
Aroclor 1221	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1
Aroclor 1232	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1
Aroclor 1242	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1
Aroclor 1248	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1
Aroclor 1254	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1
Aroclor 1260	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1
Aroclor 1262	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1
Aroclor 1268	11	U	80	11	ug/Kg	☼	03/07/19 17:57	03/08/19 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		53 - 150	03/07/19 17:57	03/08/19 13:56	1
DCB Decachlorobiphenyl	112		53 - 150	03/07/19 17:57	03/08/19 13:56	1

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B3-WT@8-8.5**

**Date Collected: 02/22/19 10:28**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-13**

**Matrix: Solid**

**Percent Solids: 85.9**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	78	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Aroclor 1221	10	U	78	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Aroclor 1232	10	U	78	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Aroclor 1242	10	U	78	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Aroclor 1248	10	U	78	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Aroclor 1254	11	U	78	11	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Aroclor 1260	11	U	78	11	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Aroclor 1262	11	U	78	11	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Aroclor 1268	11	U	78	11	ug/Kg	☼	03/07/19 17:57	03/08/19 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		53 - 150				03/07/19 17:57	03/08/19 14:19	1
DCB Decachlorobiphenyl	102		53 - 150				03/07/19 17:57	03/08/19 14:19	1

**Client Sample ID: PRA-B3-SI-@9-9.5**

**Date Collected: 02/22/19 10:30**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-14**

**Matrix: Solid**

**Percent Solids: 87.2**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	77	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Aroclor 1221	10	U	77	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Aroclor 1232	10	U	77	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Aroclor 1242	10	U	77	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Aroclor 1248	10	U	77	10	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Aroclor 1254	11	U	77	11	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Aroclor 1260	11	U	77	11	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Aroclor 1262	11	U	77	11	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Aroclor 1268	11	U	77	11	ug/Kg	☼	03/07/19 17:57	03/08/19 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		53 - 150				03/07/19 17:57	03/08/19 14:43	1
DCB Decachlorobiphenyl	108		53 - 150				03/07/19 17:57	03/08/19 14:43	1

**Client Sample ID: PRA-B3-SD-@19.5-20**

**Date Collected: 02/22/19 10:35**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-15**

**Matrix: Solid**

**Percent Solids: 81.1**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1
Aroclor 1221	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1
Aroclor 1232	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1
Aroclor 1242	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1
Aroclor 1248	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1
Aroclor 1254	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1
Aroclor 1260	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1
Aroclor 1262	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1
Aroclor 1268	11	U	82	11	ug/Kg	☼	03/07/19 17:57	03/08/19 15:06	1

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B3-SD-@19.5-20**

Date Collected: 02/22/19 10:35

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-15**

Matrix: Solid

Percent Solids: 81.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		53 - 150	03/07/19 17:57	03/08/19 15:06	1
DCB Decachlorobiphenyl	98		53 - 150	03/07/19 17:57	03/08/19 15:06	1

**Client Sample ID: PRA-B4-VS@1-1.5**

Date Collected: 02/22/19 13:05

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-16**

Matrix: Solid

Percent Solids: 93.0

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	9.6	U	72	9.6	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1
Aroclor 1221	9.6	U	72	9.6	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1
Aroclor 1232	9.6	U	72	9.6	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1
Aroclor 1242	9.6	U	72	9.6	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1
<b>Aroclor 1248</b>	<b>780</b>		72	9.6	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1
Aroclor 1254	9.9	U	72	9.9	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1
<b>Aroclor 1260</b>	<b>660</b>		72	9.9	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1
Aroclor 1262	9.9	U	72	9.9	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1
Aroclor 1268	9.9	U	72	9.9	ug/Kg	☼	02/27/19 08:41	02/28/19 04:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		53 - 150	02/27/19 08:41	02/28/19 04:55	1
DCB Decachlorobiphenyl	109		53 - 150	02/27/19 08:41	02/28/19 04:55	1

**Client Sample ID: PRA-B4-VD@3-3.5**

Date Collected: 02/22/19 13:07

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-17**

Matrix: Solid

Percent Solids: 84.9

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1
Aroclor 1221	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1
Aroclor 1232	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1
Aroclor 1242	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1
Aroclor 1248	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	106		53 - 150	02/27/19 08:41	02/28/19 05:13	1
DCB Decachlorobiphenyl	126		53 - 150	02/27/19 08:41	02/28/19 05:13	1

**Client Sample ID: PRA-B4-WT@8-8.5**

Date Collected: 02/22/19 13:10

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-18**

Matrix: Solid

Percent Solids: 82.1

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2
Aroclor 1221	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2

TestAmerica Edison



# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B4-WT@8-8.5**

**Lab Sample ID: 460-176080-18**

Date Collected: 02/22/19 13:10

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.1

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2
<b>Aroclor 1242</b>	<b>2300</b>		160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2
Aroclor 1248	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2
Aroclor 1254	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2
Aroclor 1260	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2
Aroclor 1262	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2
Aroclor 1268	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 08:39	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	107		53 - 150	02/27/19 08:41	02/28/19 08:39	2
DCB Decachlorobiphenyl	123		53 - 150	02/27/19 08:41	02/28/19 08:39	2

**Client Sample ID: PRA-B4-SI@10.5-11**

**Lab Sample ID: 460-176080-19**

Date Collected: 02/22/19 13:12

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 85.6

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1
Aroclor 1221	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1
Aroclor 1232	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1
Aroclor 1242	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1
Aroclor 1248	10	U	78	10	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1
Aroclor 1254	11	U	78	11	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1
Aroclor 1260	11	U	78	11	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1
Aroclor 1262	11	U	78	11	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1
Aroclor 1268	11	U	78	11	ug/Kg	☼	02/27/19 08:41	02/28/19 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	117		53 - 150	02/27/19 08:41	02/28/19 05:47	1
DCB Decachlorobiphenyl	115		53 - 150	02/27/19 08:41	02/28/19 05:47	1

**Client Sample ID: PRA-B4-SD@19.5-20**

**Lab Sample ID: 460-176080-20**

Date Collected: 02/22/19 13:15

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 85.1

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1
Aroclor 1221	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1
Aroclor 1232	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1
Aroclor 1242	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1
Aroclor 1248	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		53 - 150	02/27/19 08:41	02/28/19 06:04	1
DCB Decachlorobiphenyl	121		53 - 150	02/27/19 08:41	02/28/19 06:04	1

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B5-VS@1-1.5**

**Lab Sample ID: 460-176080-21**

Date Collected: 02/22/19 10:05

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.1

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1
Aroclor 1221	11	U	80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1
Aroclor 1232	11	U	80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1
Aroclor 1242	11	U	80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1
<b>Aroclor 1248</b>	<b>210</b>		80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1
Aroclor 1254	11	U	80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1
<b>Aroclor 1260</b>	<b>59</b>	<b>J</b>	80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1
Aroclor 1262	11	U	80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1
Aroclor 1268	11	U	80	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	109		53 - 150	02/27/19 08:41	02/28/19 06:21	1
DCB Decachlorobiphenyl	120		53 - 150	02/27/19 08:41	02/28/19 06:21	1

**Client Sample ID: PRA-B5-VD@3-3.5**

**Lab Sample ID: 460-176080-22**

Date Collected: 02/22/19 10:13

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 85.2

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1
Aroclor 1221	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1
Aroclor 1232	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1
Aroclor 1242	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1
Aroclor 1248	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	108		53 - 150	02/27/19 08:41	02/28/19 06:38	1
DCB Decachlorobiphenyl	112		53 - 150	02/27/19 08:41	02/28/19 06:38	1

**Client Sample ID: PRA-B5-WT@8-8.5**

**Lab Sample ID: 460-176080-23**

Date Collected: 02/22/19 10:55

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 80.8

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1
Aroclor 1221	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1
Aroclor 1232	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1
Aroclor 1242	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1
Aroclor 1248	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1
Aroclor 1254	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1
Aroclor 1260	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1
Aroclor 1262	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1
Aroclor 1268	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 06:56	1

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B5-WT@8-8.5**

**Lab Sample ID: 460-176080-23**

Date Collected: 02/22/19 10:55

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 80.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		53 - 150	02/27/19 08:41	02/28/19 06:56	1
DCB Decachlorobiphenyl	112		53 - 150	02/27/19 08:41	02/28/19 06:56	1

**Client Sample ID: PRA-B5-SI@10.5-11**

**Lab Sample ID: 460-176080-24**

Date Collected: 02/22/19 10:58

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 80.3

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1
Aroclor 1221	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1
Aroclor 1232	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1
Aroclor 1242	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1
Aroclor 1248	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1
Aroclor 1254	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1
Aroclor 1260	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1
Aroclor 1262	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1
Aroclor 1268	11	U	83	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		53 - 150	02/27/19 08:41	02/28/19 07:13	1
DCB Decachlorobiphenyl	127		53 - 150	02/27/19 08:41	02/28/19 07:13	1

**Client Sample ID: PRA-B5-SD@19.5-20**

**Lab Sample ID: 460-176080-25**

Date Collected: 02/22/19 11:02

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.6

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1
Aroclor 1221	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1
Aroclor 1232	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1
Aroclor 1242	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1
Aroclor 1248	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 07:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		53 - 150	02/27/19 08:41	02/28/19 07:30	1
DCB Decachlorobiphenyl	110		53 - 150	02/27/19 08:41	02/28/19 07:30	1

**Client Sample ID: PRA-B6-VS@1-1.5**

**Lab Sample ID: 460-176080-26**

Date Collected: 02/22/19 13:25

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 83.2

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	21	U	160	21	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2
Aroclor 1221	21	U	160	21	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B6-VS@1-1.5**

**Lab Sample ID: 460-176080-26**

Date Collected: 02/22/19 13:25

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 83.2

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	21	U	160	21	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2
Aroclor 1242	21	U	160	21	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2
<b>Aroclor 1248</b>	<b>1800</b>		160	21	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2
Aroclor 1254	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2
<b>Aroclor 1260</b>	<b>590</b>		160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2
Aroclor 1262	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2
Aroclor 1268	22	U	160	22	ug/Kg	☼	02/27/19 08:41	02/28/19 10:33	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		53 - 150	02/27/19 08:41	02/28/19 10:33	2
DCB Decachlorobiphenyl	114		53 - 150	02/27/19 08:41	02/28/19 10:33	2

**Client Sample ID: PRA-B6-VD@3-3.5**

**Lab Sample ID: 460-176080-27**

Date Collected: 02/22/19 13:27

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.8

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1
Aroclor 1221	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1
Aroclor 1232	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1
<b>Aroclor 1242</b>	<b>180</b>		79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1
Aroclor 1248	10	U	79	10	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 08:41	02/28/19 08:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	115		53 - 150	02/27/19 08:41	02/28/19 08:04	1
DCB Decachlorobiphenyl	133		53 - 150	02/27/19 08:41	02/28/19 08:04	1

**Client Sample ID: PRA-B6-WT@7.5-8**

**Lab Sample ID: 460-176080-28**

Date Collected: 02/22/19 13:30

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.8

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	110	U	810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10
Aroclor 1221	110	U	810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10
Aroclor 1232	110	U	810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10
<b>Aroclor 1242</b>	<b>14000</b>		810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10
Aroclor 1248	110	U	810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10
Aroclor 1254	110	U	810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10
Aroclor 1260	110	U	810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10
Aroclor 1262	110	U	810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10
Aroclor 1268	110	U	810	110	ug/Kg	☼	02/27/19 08:41	02/28/19 10:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		53 - 150	02/27/19 08:41	02/28/19 10:50	10
DCB Decachlorobiphenyl	121		53 - 150	02/27/19 08:41	02/28/19 10:50	10

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B6-SI@10.5-11**

**Date Collected: 02/22/19 13:32**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-29**

**Matrix: Solid**

**Percent Solids: 85.0**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	79	10	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1
Aroclor 1221	10	U	79	10	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1
Aroclor 1232	10	U	79	10	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1
Aroclor 1242	10	U	79	10	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1
Aroclor 1248	10	U	79	10	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	146		53 - 150	02/27/19 08:49	02/28/19 02:10	1
DCB Decachlorobiphenyl	145		53 - 150	02/27/19 08:49	02/28/19 02:10	1

**Client Sample ID: PRA-B6-SD@19.5-20**

**Date Collected: 02/22/19 13:35**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-30**

**Matrix: Solid**

**Percent Solids: 82.8**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1
Aroclor 1221	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1
Aroclor 1232	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1
Aroclor 1242	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1
Aroclor 1248	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1
Aroclor 1254	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1
Aroclor 1260	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1
Aroclor 1262	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1
Aroclor 1268	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 04:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	141		53 - 150	02/27/19 08:49	02/28/19 04:50	1
DCB Decachlorobiphenyl	142		53 - 150	02/27/19 08:49	02/28/19 04:50	1

**Client Sample ID: PRA-B7-VS@1-1.5**

**Date Collected: 02/22/19 12:45**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-31**

**Matrix: Solid**

**Percent Solids: 94.8**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1
Aroclor 1221	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1
Aroclor 1232	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1
Aroclor 1242	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1
Aroclor 1248	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1
Aroclor 1254	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1
Aroclor 1260	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1
Aroclor 1262	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1
Aroclor 1268	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 05:07	1

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B7-VS@1-1.5**

Date Collected: 02/22/19 12:45

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-31**

Matrix: Solid

Percent Solids: 94.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	134		53 - 150	02/27/19 08:49	02/28/19 05:07	1
DCB Decachlorobiphenyl	145		53 - 150	02/27/19 08:49	02/28/19 05:07	1

**Client Sample ID: PRA-B7-VD@3-3.5**

Date Collected: 02/22/19 12:47

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-32**

Matrix: Solid

Percent Solids: 94.4

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1
Aroclor 1221	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1
Aroclor 1232	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1
Aroclor 1242	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1
Aroclor 1248	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1
Aroclor 1254	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1
Aroclor 1260	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1
Aroclor 1262	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1
Aroclor 1268	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	125		53 - 150	02/27/19 08:49	02/28/19 05:24	1
DCB Decachlorobiphenyl	138		53 - 150	02/27/19 08:49	02/28/19 05:24	1

**Client Sample ID: PRA-B7-WT@8-8.5**

Date Collected: 02/22/19 12:50

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-33**

Matrix: Solid

Percent Solids: 86.6

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	510	U	3900	510	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50
Aroclor 1221	510	U	3900	510	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50
Aroclor 1232	510	U	3900	510	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50
<b>Aroclor 1242</b>	<b>45000</b>		3900	510	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50
Aroclor 1248	510	U	3900	510	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50
Aroclor 1254	530	U	3900	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50
<b>Aroclor 1260</b>	<b>7300</b>		3900	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50
Aroclor 1262	530	U	3900	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50
Aroclor 1268	530	U	3900	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:30	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	53 - 150	02/27/19 08:49	02/28/19 11:30	50
DCB Decachlorobiphenyl	0	X	53 - 150	02/27/19 08:49	02/28/19 11:30	50

**Client Sample ID: PRA-B7-SI@10.5-11**

Date Collected: 02/22/19 12:52

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-34**

Matrix: Solid

Percent Solids: 81.3

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1
Aroclor 1221	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B7-SI@10.5-11**

**Lab Sample ID: 460-176080-34**

**Date Collected: 02/22/19 12:52**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 81.3**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1
Aroclor 1242	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1
Aroclor 1248	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1
Aroclor 1254	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1
Aroclor 1260	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1
Aroclor 1262	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1
Aroclor 1268	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 05:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	138		53 - 150	02/27/19 08:49	02/28/19 05:57	1
DCB Decachlorobiphenyl	162	X	53 - 150	02/27/19 08:49	02/28/19 05:57	1

**Client Sample ID: PRA-B7-SD@19.5-20**

**Lab Sample ID: 460-176080-35**

**Date Collected: 02/22/19 12:55**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 85.4**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	78	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1
Aroclor 1221	10	U	78	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1
Aroclor 1232	10	U	78	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1
Aroclor 1242	10	U	78	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1
Aroclor 1248	10	U	78	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1
Aroclor 1254	11	U	78	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1
Aroclor 1260	11	U	78	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1
Aroclor 1262	11	U	78	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1
Aroclor 1268	11	U	78	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	127		53 - 150	02/27/19 08:49	02/28/19 06:14	1
DCB Decachlorobiphenyl	125		53 - 150	02/27/19 08:49	02/28/19 06:14	1

**Client Sample ID: PRA-B8-VS@1-1.5**

**Lab Sample ID: 460-176080-36**

**Date Collected: 02/22/19 13:42**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 82.4**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1
Aroclor 1221	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1
Aroclor 1232	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1
Aroclor 1242	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1
Aroclor 1248	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1
Aroclor 1254	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1
Aroclor 1260	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1
Aroclor 1262	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1
Aroclor 1268	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 06:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	135		53 - 150	02/27/19 08:49	02/28/19 06:31	1
DCB Decachlorobiphenyl	130		53 - 150	02/27/19 08:49	02/28/19 06:31	1

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B8-VD@3-3.5**

**Lab Sample ID: 460-176080-37**

Date Collected: 02/22/19 13:45

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 92.3

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	9.6	U	73	9.6	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1
Aroclor 1221	9.6	U	73	9.6	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1
Aroclor 1232	9.6	U	73	9.6	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1
Aroclor 1242	9.6	U	73	9.6	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1
Aroclor 1248	9.6	U	73	9.6	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1
Aroclor 1254	10	U	73	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1
Aroclor 1260	10	U	73	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1
Aroclor 1262	10	U	73	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1
Aroclor 1268	10	U	73	10	ug/Kg	☼	02/27/19 08:49	02/28/19 06:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	135		53 - 150	02/27/19 08:49	02/28/19 06:48	1
DCB Decachlorobiphenyl	123		53 - 150	02/27/19 08:49	02/28/19 06:48	1

**Client Sample ID: PRA-B8-WT@8-8.5**

**Lab Sample ID: 460-176080-38**

Date Collected: 02/22/19 13:47

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.5

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	530	U	4000	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50
Aroclor 1221	530	U	4000	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50
Aroclor 1232	530	U	4000	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50
<b>Aroclor 1242</b>	<b>59000</b>		4000	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50
Aroclor 1248	530	U	4000	530	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50
Aroclor 1254	540	U	4000	540	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50
Aroclor 1260	540	U	4000	540	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50
Aroclor 1262	540	U	4000	540	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50
Aroclor 1268	540	U	4000	540	ug/Kg	☼	02/27/19 08:49	02/28/19 11:48	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	53 - 150	02/27/19 08:49	02/28/19 11:48	50
DCB Decachlorobiphenyl	0	X	53 - 150	02/27/19 08:49	02/28/19 11:48	50

**Client Sample ID: PRA-B8-SI@10.5-11**

**Lab Sample ID: 460-176080-39**

Date Collected: 02/22/19 13:50

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.0

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1
Aroclor 1221	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1
Aroclor 1232	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1
<b>Aroclor 1242</b>	<b>130</b>		82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1
Aroclor 1248	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1
Aroclor 1254	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1
Aroclor 1260	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1
Aroclor 1262	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1
Aroclor 1268	11	U	82	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:22	1



# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B8-SI@10.5-11**

Date Collected: 02/22/19 13:50  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-39**

Matrix: Solid  
Percent Solids: 82.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	141		53 - 150	02/27/19 08:49	02/28/19 07:22	1
DCB Decachlorobiphenyl	144		53 - 150	02/27/19 08:49	02/28/19 07:22	1

**Client Sample ID: PRA-B8-SD@19.5-20**

Date Collected: 02/22/19 13:55  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-40**

Matrix: Solid  
Percent Solids: 79.4

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	84	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1
Aroclor 1221	11	U	84	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1
Aroclor 1232	11	U	84	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1
<b>Aroclor 1242</b>	<b>150</b>		84	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1
Aroclor 1248	11	U	84	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1
Aroclor 1254	12	U	84	12	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1
Aroclor 1260	12	U	84	12	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1
Aroclor 1262	12	U	84	12	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1
Aroclor 1268	12	U	84	12	ug/Kg	☼	02/27/19 08:49	02/28/19 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	143		53 - 150	02/27/19 08:49	02/28/19 07:39	1
DCB Decachlorobiphenyl	143		53 - 150	02/27/19 08:49	02/28/19 07:39	1

**Client Sample ID: PRA-B9-VS@1-1.5**

Date Collected: 02/22/19 11:15  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-41**

Matrix: Solid  
Percent Solids: 83.9

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1
Aroclor 1221	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1
Aroclor 1232	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1
Aroclor 1242	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1
Aroclor 1248	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1
Aroclor 1254	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1
Aroclor 1260	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1
Aroclor 1262	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1
Aroclor 1268	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 07:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	124		53 - 150	02/27/19 08:49	02/28/19 07:56	1
DCB Decachlorobiphenyl	127		53 - 150	02/27/19 08:49	02/28/19 07:56	1

**Client Sample ID: PRA-B9-VD@3-3.5**

Date Collected: 02/22/19 11:18  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-42**

Matrix: Solid  
Percent Solids: 94.3

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1
Aroclor 1221	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B9-VD@3-3.5**

**Lab Sample ID: 460-176080-42**

Date Collected: 02/22/19 11:18

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 94.3

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1
Aroclor 1242	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1
Aroclor 1248	9.4	U	71	9.4	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1
Aroclor 1254	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1
Aroclor 1260	9.7	U F1	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1
Aroclor 1262	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1
Aroclor 1268	9.7	U	71	9.7	ug/Kg	☼	02/27/19 08:49	02/28/19 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	139		53 - 150	02/27/19 08:49	02/28/19 01:53	1
DCB Decachlorobiphenyl	134		53 - 150	02/27/19 08:49	02/28/19 01:53	1

**Client Sample ID: PRA-B9-WT@8-8.5**

**Lab Sample ID: 460-176080-43**

Date Collected: 02/22/19 11:20

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 88.5

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	100	U	760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10
Aroclor 1221	100	U	760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10
Aroclor 1232	100	U	760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10
<b>Aroclor 1242</b>	<b>12000</b>		760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10
Aroclor 1248	100	U	760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10
Aroclor 1254	100	U	760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10
<b>Aroclor 1260</b>	<b>3200</b>		760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10
Aroclor 1262	100	U	760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10
Aroclor 1268	100	U	760	100	ug/Kg	☼	02/27/19 08:49	02/28/19 12:05	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		53 - 150	02/27/19 08:49	02/28/19 12:05	10
DCB Decachlorobiphenyl	126		53 - 150	02/27/19 08:49	02/28/19 12:05	10

**Client Sample ID: PRA-B9-SI@10-10.5**

**Lab Sample ID: 460-176080-44**

Date Collected: 02/22/19 11:25

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 80.3

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1
Aroclor 1221	11	U	83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1
Aroclor 1232	11	U	83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1
<b>Aroclor 1242</b>	<b>1000</b>		83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1
Aroclor 1248	11	U	83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1
Aroclor 1254	11	U	83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1
<b>Aroclor 1260</b>	<b>250</b>		83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1
Aroclor 1262	11	U	83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1
Aroclor 1268	11	U	83	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	128		53 - 150	02/27/19 08:49	02/28/19 08:29	1
DCB Decachlorobiphenyl	149		53 - 150	02/27/19 08:49	02/28/19 08:29	1

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B9-SD@19.5-20**

**Lab Sample ID: 460-176080-45**

Date Collected: 02/22/19 11:30

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.3

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1
Aroclor 1221	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1
Aroclor 1232	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1
Aroclor 1242	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1
Aroclor 1248	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1
Aroclor 1254	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1
Aroclor 1260	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1
Aroclor 1262	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1
Aroclor 1268	11	U	81	11	ug/Kg	☼	02/27/19 08:49	02/28/19 08:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	134		53 - 150	02/27/19 08:49	02/28/19 08:46	1
DCB Decachlorobiphenyl	145		53 - 150	02/27/19 08:49	02/28/19 08:46	1

**Client Sample ID: PRA-B10-VS@1-1.5**

**Lab Sample ID: 460-176080-46**

Date Collected: 02/22/19 11:37

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.5

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1
Aroclor 1221	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1
Aroclor 1232	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1
Aroclor 1242	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1
Aroclor 1248	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	139		53 - 150	02/27/19 08:49	02/28/19 09:03	1
DCB Decachlorobiphenyl	146		53 - 150	02/27/19 08:49	02/28/19 09:03	1

**Client Sample ID: PRA-B10-VD@3-3.5**

**Lab Sample ID: 460-176080-47**

Date Collected: 02/22/19 11:40

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.1

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1
Aroclor 1221	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1
Aroclor 1232	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1
Aroclor 1242	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1
Aroclor 1248	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1
Aroclor 1254	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1
Aroclor 1260	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1
Aroclor 1262	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1
Aroclor 1268	11	U	80	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:20	1

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B10-VD@3-3.5**

Date Collected: 02/22/19 11:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-47**

Matrix: Solid

Percent Solids: 84.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122		53 - 150	02/27/19 08:49	02/28/19 09:20	1
DCB Decachlorobiphenyl	131		53 - 150	02/27/19 08:49	02/28/19 09:20	1

**Client Sample ID: PRA-B10-SI@8-8.5**

Date Collected: 02/22/19 11:42

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-48**

Matrix: Solid

Percent Solids: 84.6

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1
Aroclor 1221	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1
Aroclor 1232	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1
Aroclor 1242	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1
Aroclor 1248	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 08:49	02/28/19 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	144		53 - 150	02/27/19 08:49	02/28/19 09:37	1
DCB Decachlorobiphenyl	135		53 - 150	02/27/19 08:49	02/28/19 09:37	1

**Client Sample ID: PRA-B10-SI@10.5-11**

Date Collected: 02/22/19 11:45

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-49**

Matrix: Solid

Percent Solids: 83.5

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1
Aroclor 1221	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1
Aroclor 1232	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1
Aroclor 1242	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1
Aroclor 1248	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1
Aroclor 1254	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1
Aroclor 1260	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1
Aroclor 1262	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1
Aroclor 1268	11	U	80	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		53 - 150	02/27/19 17:50	02/28/19 11:31	1
DCB Decachlorobiphenyl	117		53 - 150	02/27/19 17:50	02/28/19 11:31	1

**Client Sample ID: PRA-B10-SD@19.5-20**

Date Collected: 02/22/19 11:50

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-50**

Matrix: Solid

Percent Solids: 81.1

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1
Aroclor 1221	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B10-SD@19.5-20**

**Lab Sample ID: 460-176080-50**

**Date Collected: 02/22/19 11:50**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 81.1**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1
Aroclor 1242	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1
Aroclor 1248	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1
Aroclor 1254	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1
Aroclor 1260	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1
Aroclor 1262	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1
Aroclor 1268	11	U	82	11	ug/Kg	☼	02/27/19 17:50	02/28/19 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	125		53 - 150	02/27/19 17:50	02/28/19 11:48	1
DCB Decachlorobiphenyl	117		53 - 150	02/27/19 17:50	02/28/19 11:48	1

**Client Sample ID: DUP-1**

**Lab Sample ID: 460-176080-51**

**Date Collected: 02/22/19 00:00**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 85.2**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	79	10	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1
Aroclor 1221	10	U	79	10	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1
Aroclor 1232	10	U	79	10	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1
Aroclor 1242	10	U	79	10	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1
Aroclor 1248	10	U	79	10	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	02/27/19 17:50	02/28/19 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	107		53 - 150	02/27/19 17:50	02/28/19 12:06	1
DCB Decachlorobiphenyl	104		53 - 150	02/27/19 17:50	02/28/19 12:06	1

**Client Sample ID: DUP-2**

**Lab Sample ID: 460-176080-52**

**Date Collected: 02/22/19 00:00**

**Matrix: Solid**

**Date Received: 02/22/19 18:00**

**Percent Solids: 88.6**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	250	U	1900	250	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25
Aroclor 1221	250	U	1900	250	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25
Aroclor 1232	250	U	1900	250	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25
<b>Aroclor 1242</b>	<b>32000</b>		1900	250	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25
Aroclor 1248	250	U	1900	250	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25
Aroclor 1254	260	U	1900	260	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25
<b>Aroclor 1260</b>	<b>7000</b>		1900	260	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25
Aroclor 1262	260	U	1900	260	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25
Aroclor 1268	260	U	1900	260	ug/Kg	☼	02/27/19 17:50	02/28/19 15:37	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	53 - 150	02/27/19 17:50	02/28/19 15:37	25
DCB Decachlorobiphenyl	0	X	53 - 150	02/27/19 17:50	02/28/19 15:37	25

TestAmerica Edison

# Client Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: DUP-3**

**Date Collected: 02/22/19 00:00**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-53**

**Matrix: Solid**

**Percent Solids: 86.0**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U	78	10	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1
Aroclor 1221	10	U	78	10	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1
Aroclor 1232	10	U	78	10	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1
<b>Aroclor 1242</b>	<b>140</b>		78	10	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1
Aroclor 1248	10	U	78	10	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1
Aroclor 1254	11	U	78	11	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1
Aroclor 1260	11	U	78	11	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1
Aroclor 1262	11	U	78	11	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1
Aroclor 1268	11	U	78	11	ug/Kg	☼	02/27/19 17:50	02/28/19 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		53 - 150	02/27/19 17:50	02/28/19 15:14	1
DCB Decachlorobiphenyl	104		53 - 150	02/27/19 17:50	02/28/19 15:14	1

**Client Sample ID: PRA-EB-1**

**Date Collected: 02/22/19 13:50**

**Date Received: 02/22/19 18:00**

**Lab Sample ID: 460-176080-54**

**Matrix: Water**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:38	1
Aroclor 1221	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:38	1
Aroclor 1232	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:38	1
Aroclor 1242	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:38	1
Aroclor 1248	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:38	1
Aroclor 1254	0.11	U	0.40	0.11	ug/L		02/27/19 01:20	02/27/19 14:38	1
Aroclor 1260	0.11	U	0.40	0.11	ug/L		02/27/19 01:20	02/27/19 14:38	1
Aroclor 1262	0.11	U	0.40	0.11	ug/L		02/27/19 01:20	02/27/19 14:38	1
Aroclor 1268	0.11	U	0.40	0.11	ug/L		02/27/19 01:20	02/27/19 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122		10 - 150	02/27/19 01:20	02/27/19 14:38	1
DCB Decachlorobiphenyl	145		10 - 150	02/27/19 01:20	02/27/19 14:38	1

# Surrogate Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (53-150)	DCBP2 (53-150)
460-176080-1	PRA-B1-VS@1-1.5	116	127
460-176080-2	PRA-B1-VD@3-3.5	113	104
460-176080-3	PRA-B1-WT@7.5-8	110	112
460-176080-3 MS	PRA-B1-WT@7.5-8	107	129
460-176080-3 MSD	PRA-B1-WT@7.5-8	96	103
460-176080-6	PRA-B2-VS @1-1.5	114	114
460-176080-7	PRA-B2-VD@3-3.5	104	111
460-176080-8	PRA-B2-WT@7.5-8	112	125
460-176080-11	PRA-B3-VS@1-1.5	105	105
460-176080-12	PRA-B3-VD@3-3.5	101	112
460-176080-13	PRA-B3-WT@8-8.5	91	102
460-176080-14	PRA-B3-SI @9-9.5	97	108
460-176080-15	PRA-B3-SD @19.5-20	89	98
460-176080-16	PRA-B4-VS@1-1.5	103	109
460-176080-17	PRA-B4-VD@3-3.5	106	126
460-176080-18	PRA-B4-WT@8-8.5	107	123
460-176080-19	PRA-B4-SI@10.5-11	117	115
460-176080-20	PRA-B4-SD@19.5-20	110	121
460-176080-21	PRA-B5-VS@1-1.5	109	120
460-176080-22	PRA-B5-VD@3-3.5	108	112
460-176080-23	PRA-B5-WT@8-8.5	112	112
460-176080-24	PRA-B5-SI@10.5-11	114	127
460-176080-25	PRA-B5-SD@19.5-20	84	110
460-176080-26	PRA-B6-VS@1-1.5	85	114
460-176080-27	PRA-B6-VD@3-3.5	115	133
460-176080-28	PRA-B6-WT@7.5-8	110	121
460-176080-29	PRA-B6-SI@10.5-11	146	145
460-176080-30	PRA-B6-SD@19.5-20	141	142
460-176080-31	PRA-B7-VS@1-1.5	134	145
460-176080-32	PRA-B7-VD@3-3.5	125	138
460-176080-33	PRA-B7-WT@8-8.5	0 X	0 X
460-176080-34	PRA-B7-SI@10.5-11	138	162 X
460-176080-35	PRA-B7-SD@19.5-20	127	125
460-176080-36	PRA-B8-VS@1-1.5	135	130
460-176080-37	PRA-B8-VD@3-3.5	135	123
460-176080-38	PRA-B8-WT@8-8.5	0 X	0 X
460-176080-39	PRA-B8-SI@10.5-11	141	144
460-176080-40	PRA-B8-SD@19.5-20	143	143
460-176080-41	PRA-B9-VS@1-1.5	124	127
460-176080-42	PRA-B9-VD@3-3.5	139	134
460-176080-42 MS	PRA-B9-VD@3-3.5	129	134
460-176080-42 MSD	PRA-B9-VD@3-3.5	125	133
460-176080-43	PRA-B9-WT@8-8.5	99	126
460-176080-44	PRA-B9-SI@10-10.5	128	149
460-176080-45	PRA-B9-SD@19.5-20	134	145
460-176080-46	PRA-B10-VS@1-1.5	139	146
460-176080-47	PRA-B10-VD@3-3.5	122	131
460-176080-48	PRA-B10-SI@8-8.5	144	135
460-176080-49	PRA-B10-SI@10.5-11	116	117

# Surrogate Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (53-150)	DCBP2 (53-150)
460-176080-50	PRA-B10-SD@19.5-20	125	117
460-176080-51	DUP-1	107	104
460-176080-52	DUP-2	0 X	0 X
460-176080-53	DUP-3	97	104
460-176621-E-9-D MS	Matrix Spike	99	112
460-176621-E-9-E MSD	Matrix Spike Duplicate	109	126
LCS 460-592055/2-A	Lab Control Sample	103	118
LCS 460-592057/2-A	Lab Control Sample	141	139
LCS 460-592174/2-A	Lab Control Sample	114	110
LCS 460-593932/2-A	Lab Control Sample	93	100
LCSD 460-592055/3-A	Lab Control Sample Dup	104	116
LCSD 460-592057/3-A	Lab Control Sample Dup	146	146
LCSD 460-592174/3-A	Lab Control Sample Dup	121	101
LCSD 460-593932/3-A	Lab Control Sample Dup	95	105
MB 460-592055/1-A	Method Blank	98	112
MB 460-592057/1-A	Method Blank	150	146
MB 460-592174/1-A	Method Blank	119	120
MB 460-593932/1-A	Method Blank	105	120

### Surrogate Legend

DCBP = DCB Decachlorobiphenyl

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (10-150)	DCBP2 (10-150)
460-176080-54	PRA-EB-1	122	145
LCS 460-591970/2-A	Lab Control Sample	62	55
LCSD 460-591970/3-A	Lab Control Sample Dup	89	77
MB 460-591970/1-A	Method Blank	98	86

### Surrogate Legend

DCBP = DCB Decachlorobiphenyl



# QC Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 460-591970/1-A**  
**Matrix: Water**  
**Analysis Batch: 591982**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 591970**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:01	1
Aroclor 1221	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:01	1
Aroclor 1232	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:01	1
Aroclor 1242	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:01	1
Aroclor 1248	0.12	U	0.40	0.12	ug/L		02/27/19 01:20	02/27/19 14:01	1
Aroclor 1254	0.11	U	0.40	0.11	ug/L		02/27/19 01:20	02/27/19 14:01	1
Aroclor 1260	0.11	U	0.40	0.11	ug/L		02/27/19 01:20	02/27/19 14:01	1
Aroclor 1262	0.11	U	0.40	0.11	ug/L		02/27/19 01:20	02/27/19 14:01	1
Aroclor 1268	0.11	U	0.40	0.11	ug/L		02/27/19 01:20	02/27/19 14:01	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	98		10 - 150	02/27/19 01:20	02/27/19 14:01	1
DCB Decachlorobiphenyl	86		10 - 150	02/27/19 01:20	02/27/19 14:01	1

**Lab Sample ID: LCS 460-591970/2-A**  
**Matrix: Water**  
**Analysis Batch: 591982**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 591970**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	4.00	3.12		ug/L		78	78 - 150
Aroclor 1260	4.00	3.93		ug/L		98	80 - 150
Aroclor 1260	4.00	3.50		ug/L		87	80 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	62		10 - 150
DCB Decachlorobiphenyl	55		10 - 150

**Lab Sample ID: LCSD 460-591970/3-A**  
**Matrix: Water**  
**Analysis Batch: 591982**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 591970**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016	4.00	3.32		ug/L		83	78 - 150	6	30
Aroclor 1260	4.00	4.08		ug/L		102	80 - 150	4	30
Aroclor 1260	4.00	3.70		ug/L		92	80 - 150	6	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	89		10 - 150
DCB Decachlorobiphenyl	77		10 - 150

# QC Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 460-592055/1-A**  
**Matrix: Solid**  
**Analysis Batch: 592235**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 592055**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	8.9	U	67	8.9	ug/Kg		02/27/19 08:41	02/28/19 01:30	1
Aroclor 1221	8.9	U	67	8.9	ug/Kg		02/27/19 08:41	02/28/19 01:30	1
Aroclor 1232	8.9	U	67	8.9	ug/Kg		02/27/19 08:41	02/28/19 01:30	1
Aroclor 1242	8.9	U	67	8.9	ug/Kg		02/27/19 08:41	02/28/19 01:30	1
Aroclor 1248	8.9	U	67	8.9	ug/Kg		02/27/19 08:41	02/28/19 01:30	1
Aroclor 1254	9.2	U	67	9.2	ug/Kg		02/27/19 08:41	02/28/19 01:30	1
Aroclor 1260	9.2	U	67	9.2	ug/Kg		02/27/19 08:41	02/28/19 01:30	1
Aroclor 1262	9.2	U	67	9.2	ug/Kg		02/27/19 08:41	02/28/19 01:30	1
Aroclor 1268	9.2	U	67	9.2	ug/Kg		02/27/19 08:41	02/28/19 01:30	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	98		53 - 150	02/27/19 08:41	02/28/19 01:30	1
DCB Decachlorobiphenyl	112		53 - 150	02/27/19 08:41	02/28/19 01:30	1

**Lab Sample ID: LCS 460-592055/2-A**  
**Matrix: Solid**  
**Analysis Batch: 592235**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 592055**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	333	360		ug/Kg		108	76 - 146
Aroclor 1260	333	352		ug/Kg		106	74 - 148
Aroclor 1260	333	419		ug/Kg		126	74 - 148

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	103		53 - 150
DCB Decachlorobiphenyl	118		53 - 150

**Lab Sample ID: LCSD 460-592055/3-A**  
**Matrix: Solid**  
**Analysis Batch: 592235**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 592055**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aroclor 1016	332	351		ug/Kg		106	76 - 146	3	30
Aroclor 1260	332	358		ug/Kg		108	74 - 148	2	30
Aroclor 1260	332	412		ug/Kg		124	74 - 148	2	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	104		53 - 150
DCB Decachlorobiphenyl	116		53 - 150

# QC Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 460-176080-3 MS**

**Matrix: Solid**

**Analysis Batch: 592235**

**Client Sample ID: PRA-B1-WT@7.5-8**

**Prep Type: Total/NA**

**Prep Batch: 592055**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	10	U	377	414		ug/Kg	☼	110	76 - 146
Aroclor 1016	10	U	377	471		ug/Kg	☼	125	76 - 146
Aroclor 1260	10	U	377	444		ug/Kg	☼	118	74 - 148
Aroclor 1260	10	U	377	531		ug/Kg	☼	141	74 - 148

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	107		53 - 150
DCB Decachlorobiphenyl	129		53 - 150

**Lab Sample ID: 460-176080-3 MSD**

**Matrix: Solid**

**Analysis Batch: 592235**

**Client Sample ID: PRA-B1-WT@7.5-8**

**Prep Type: Total/NA**

**Prep Batch: 592055**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016	10	U	377	362		ug/Kg	☼	96	76 - 146	13	30
Aroclor 1016	10	U	377	364		ug/Kg	☼	96	76 - 146	26	30
Aroclor 1260	10	U	377	390		ug/Kg	☼	103	74 - 148	13	30
Aroclor 1260	10	U	377	418		ug/Kg	☼	111	74 - 148	24	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	96		53 - 150
DCB Decachlorobiphenyl	103		53 - 150

**Lab Sample ID: MB 460-592057/1-A**

**Matrix: Solid**

**Analysis Batch: 592236**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 592057**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	8.9	U	67	8.9	ug/Kg		02/27/19 08:49	02/28/19 00:29	1
Aroclor 1221	8.9	U	67	8.9	ug/Kg		02/27/19 08:49	02/28/19 00:29	1
Aroclor 1232	8.9	U	67	8.9	ug/Kg		02/27/19 08:49	02/28/19 00:29	1
Aroclor 1242	8.9	U	67	8.9	ug/Kg		02/27/19 08:49	02/28/19 00:29	1
Aroclor 1248	8.9	U	67	8.9	ug/Kg		02/27/19 08:49	02/28/19 00:29	1
Aroclor 1254	9.2	U	67	9.2	ug/Kg		02/27/19 08:49	02/28/19 00:29	1
Aroclor 1260	9.2	U	67	9.2	ug/Kg		02/27/19 08:49	02/28/19 00:29	1
Aroclor 1262	9.2	U	67	9.2	ug/Kg		02/27/19 08:49	02/28/19 00:29	1
Aroclor 1268	9.2	U	67	9.2	ug/Kg		02/27/19 08:49	02/28/19 00:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	150		53 - 150	02/27/19 08:49	02/28/19 00:29	1
DCB Decachlorobiphenyl	146		53 - 150	02/27/19 08:49	02/28/19 00:29	1

# QC Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCS 460-592057/2-A**  
**Matrix: Solid**  
**Analysis Batch: 592236**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 592057**  
**%Rec.**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	333	430		ug/Kg		129	76 - 146
Aroclor 1016	333	450		ug/Kg		135	76 - 146
Aroclor 1260	333	469		ug/Kg		141	74 - 148
Aroclor 1260	333	460		ug/Kg		138	74 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	141		53 - 150
DCB Decachlorobiphenyl	139		53 - 150

**Lab Sample ID: LCSD 460-592057/3-A**  
**Matrix: Solid**  
**Analysis Batch: 592236**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 592057**  
**%Rec.**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Aroclor 1016	333	446		ug/Kg		134	76 - 146	1	30
Aroclor 1016	333	430		ug/Kg		129	76 - 146	0	30
Aroclor 1260	333	485		ug/Kg		146	74 - 148	3	30
Aroclor 1260	333	481		ug/Kg		145	74 - 148	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	146		53 - 150
DCB Decachlorobiphenyl	146		53 - 150

**Lab Sample ID: 460-176080-42 MS**  
**Matrix: Solid**  
**Analysis Batch: 592236**

**Client Sample ID: PRA-B9-VD@3-3.5**  
**Prep Type: Total/NA**  
**Prep Batch: 592057**  
**%Rec.**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	9.4	U	353	458		ug/Kg	☼	130	76 - 146
Aroclor 1016	9.4	U	353	514		ug/Kg	☼	146	76 - 146
Aroclor 1260	9.7	U	353	485		ug/Kg	☼	137	74 - 148
Aroclor 1260	9.7	U F1	353	533	F1	ug/Kg	☼	151	74 - 148

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	129		53 - 150
DCB Decachlorobiphenyl	134		53 - 150

**Lab Sample ID: 460-176080-42 MSD**  
**Matrix: Solid**  
**Analysis Batch: 592236**

**Client Sample ID: PRA-B9-VD@3-3.5**  
**Prep Type: Total/NA**  
**Prep Batch: 592057**  
**%Rec.**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Aroclor 1016	9.4	U	352	434		ug/Kg	☼	123	76 - 146	17	30
Aroclor 1016	9.4	U	352	420		ug/Kg	☼	119	76 - 146	9	30
Aroclor 1260	9.7	U	352	458		ug/Kg	☼	130	74 - 148	6	30
Aroclor 1260	9.7	U F1	352	475		ug/Kg	☼	135	74 - 148	11	30

TestAmerica Edison

# QC Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 460-176080-42 MSD**  
**Matrix: Solid**  
**Analysis Batch: 592236**

**Client Sample ID: PRA-B9-VD@3-3.5**  
**Prep Type: Total/NA**  
**Prep Batch: 592057**

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	125		53 - 150
DCB Decachlorobiphenyl	133		53 - 150

**Lab Sample ID: MB 460-592174/1-A**  
**Matrix: Solid**  
**Analysis Batch: 592263**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 592174**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	8.9	U	67	8.9	ug/Kg		02/27/19 17:50	02/28/19 06:08	1
Aroclor 1221	8.9	U	67	8.9	ug/Kg		02/27/19 17:50	02/28/19 06:08	1
Aroclor 1232	8.9	U	67	8.9	ug/Kg		02/27/19 17:50	02/28/19 06:08	1
Aroclor 1242	8.9	U	67	8.9	ug/Kg		02/27/19 17:50	02/28/19 06:08	1
Aroclor 1248	8.9	U	67	8.9	ug/Kg		02/27/19 17:50	02/28/19 06:08	1
Aroclor 1254	9.2	U	67	9.2	ug/Kg		02/27/19 17:50	02/28/19 06:08	1
Aroclor 1260	9.2	U	67	9.2	ug/Kg		02/27/19 17:50	02/28/19 06:08	1
Aroclor 1262	9.2	U	67	9.2	ug/Kg		02/27/19 17:50	02/28/19 06:08	1
Aroclor 1268	9.2	U	67	9.2	ug/Kg		02/27/19 17:50	02/28/19 06:08	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	119		53 - 150	02/27/19 17:50	02/28/19 06:08	1
DCB Decachlorobiphenyl	120		53 - 150	02/27/19 17:50	02/28/19 06:08	1

**Lab Sample ID: LCS 460-592174/2-A**  
**Matrix: Solid**  
**Analysis Batch: 592263**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 592174**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Aroclor 1016	333	373		ug/Kg		112	76 - 146	
Aroclor 1260	333	397		ug/Kg		119	74 - 148	
Aroclor 1260	333	407		ug/Kg		122	74 - 148	

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	114		53 - 150
DCB Decachlorobiphenyl	110		53 - 150

**Lab Sample ID: LCSD 460-592174/3-A**  
**Matrix: Solid**  
**Analysis Batch: 592263**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 592174**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
Aroclor 1016	333	330		ug/Kg		99	76 - 146	12	30	
Aroclor 1260	333	430		ug/Kg		129	74 - 148	5	30	
Aroclor 1260	333	369		ug/Kg		111	74 - 148	7	30	

# QC Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCSD 460-592174/3-A**  
**Matrix: Solid**  
**Analysis Batch: 592263**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 592174**

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	121		53 - 150
DCB Decachlorobiphenyl	101		53 - 150

**Lab Sample ID: MB 460-593932/1-A**  
**Matrix: Solid**  
**Analysis Batch: 594003**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 593932**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	8.9	U	67	8.9	ug/Kg		03/07/19 17:57	03/08/19 06:31	1
Aroclor 1221	8.9	U	67	8.9	ug/Kg		03/07/19 17:57	03/08/19 06:31	1
Aroclor 1232	8.9	U	67	8.9	ug/Kg		03/07/19 17:57	03/08/19 06:31	1
Aroclor 1242	8.9	U	67	8.9	ug/Kg		03/07/19 17:57	03/08/19 06:31	1
Aroclor 1248	8.9	U	67	8.9	ug/Kg		03/07/19 17:57	03/08/19 06:31	1
Aroclor 1254	9.2	U	67	9.2	ug/Kg		03/07/19 17:57	03/08/19 06:31	1
Aroclor 1260	9.2	U	67	9.2	ug/Kg		03/07/19 17:57	03/08/19 06:31	1
Aroclor 1262	9.2	U	67	9.2	ug/Kg		03/07/19 17:57	03/08/19 06:31	1
Aroclor 1268	9.2	U	67	9.2	ug/Kg		03/07/19 17:57	03/08/19 06:31	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	105		53 - 150	03/07/19 17:57	03/08/19 06:31	1
DCB Decachlorobiphenyl	120		53 - 150	03/07/19 17:57	03/08/19 06:31	1

**Lab Sample ID: LCS 460-593932/2-A**  
**Matrix: Solid**  
**Analysis Batch: 594003**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 593932**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Aroclor 1016	333	313		ug/Kg		94	76 - 146	
Aroclor 1260	333	358		ug/Kg		108	74 - 148	
Aroclor 1260	333	357		ug/Kg		107	74 - 148	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	93		53 - 150
DCB Decachlorobiphenyl	100		53 - 150

**Lab Sample ID: LCSD 460-593932/3-A**  
**Matrix: Solid**  
**Analysis Batch: 594003**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 593932**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
Aroclor 1016	332	326		ug/Kg		98	76 - 146	4	30	
Aroclor 1260	332	368		ug/Kg		111	74 - 148	3	30	
Aroclor 1260	332	368		ug/Kg		111	74 - 148	3	30	

# QC Sample Results

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCS D 460-593932/3-A**  
**Matrix: Solid**  
**Analysis Batch: 594003**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 593932**

Surrogate	LCS D LCS D		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	95		53 - 150
DCB Decachlorobiphenyl	105		53 - 150

**Lab Sample ID: 460-176621-E-9-D MS**  
**Matrix: Solid**  
**Analysis Batch: 594003**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 593932**  
**%Rec.**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aroclor 1016	9.4	U	369	327		ug/Kg	☼	89	76 - 146
Aroclor 1016	9.4	U	369	372		ug/Kg	☼	101	76 - 146
Aroclor 1260	9.7	U	369	410		ug/Kg	☼	111	74 - 148
Aroclor 1260	9.7	U	369	419		ug/Kg	☼	114	74 - 148

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	99		53 - 150
DCB Decachlorobiphenyl	112		53 - 150

**Lab Sample ID: 460-176621-E-9-E MSD**  
**Matrix: Solid**  
**Analysis Batch: 594003**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 593932**  
**%Rec.**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	
	Result	Qualifier		Result	Qualifier					RPD	Limit
Aroclor 1016	9.4	U	369	364		ug/Kg	☼	99	76 - 146	11	30
Aroclor 1016	9.4	U	369	413		ug/Kg	☼	112	76 - 146	10	30
Aroclor 1260	9.7	U	369	449		ug/Kg	☼	121	74 - 148	9	30
Aroclor 1260	9.7	U	369	468		ug/Kg	☼	127	74 - 148	11	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	109		53 - 150
DCB Decachlorobiphenyl	126		53 - 150

# Definitions/Glossary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery is outside acceptance limits.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



# QC Association Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## GC Semi VOA

### Prep Batch: 591970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-54	PRA-EB-1	Total/NA	Water	3510C	
MB 460-591970/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-591970/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-591970/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 591982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-591970/1-A	Method Blank	Total/NA	Water	8082A	591970
LCS 460-591970/2-A	Lab Control Sample	Total/NA	Water	8082A	591970
LCSD 460-591970/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	591970

### Prep Batch: 592055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-1	PRA-B1-VS@1-1.5	Total/NA	Solid	3546	
460-176080-2	PRA-B1-VD@3-3.5	Total/NA	Solid	3546	
460-176080-3	PRA-B1-WT@7.5-8	Total/NA	Solid	3546	
460-176080-6	PRA-B2-VS @1-1.5	Total/NA	Solid	3546	
460-176080-7	PRA-B2-VD@3-3.5	Total/NA	Solid	3546	
460-176080-8	PRA-B2-WT@7.5-8	Total/NA	Solid	3546	
460-176080-11	PRA-B3-VS@1-1.5	Total/NA	Solid	3546	
460-176080-16	PRA-B4-VS@1-1.5	Total/NA	Solid	3546	
460-176080-17	PRA-B4-VD@3-3.5	Total/NA	Solid	3546	
460-176080-18	PRA-B4-WT@8-8.5	Total/NA	Solid	3546	
460-176080-19	PRA-B4-SI@10.5-11	Total/NA	Solid	3546	
460-176080-20	PRA-B4-SD@19.5-20	Total/NA	Solid	3546	
460-176080-21	PRA-B5-VS@1-1.5	Total/NA	Solid	3546	
460-176080-22	PRA-B5-VD@3-3.5	Total/NA	Solid	3546	
460-176080-23	PRA-B5-WT@8-8.5	Total/NA	Solid	3546	
460-176080-24	PRA-B5-SI@10.5-11	Total/NA	Solid	3546	
460-176080-25	PRA-B5-SD@19.5-20	Total/NA	Solid	3546	
460-176080-26	PRA-B6-VS@1-1.5	Total/NA	Solid	3546	
460-176080-27	PRA-B6-VD@3-3.5	Total/NA	Solid	3546	
460-176080-28	PRA-B6-WT@7.5-8	Total/NA	Solid	3546	
MB 460-592055/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-592055/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-592055/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-176080-3 MS	PRA-B1-WT@7.5-8	Total/NA	Solid	3546	
460-176080-3 MSD	PRA-B1-WT@7.5-8	Total/NA	Solid	3546	

### Prep Batch: 592057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-29	PRA-B6-SI@10.5-11	Total/NA	Solid	3546	
460-176080-30	PRA-B6-SD@19.5-20	Total/NA	Solid	3546	
460-176080-31	PRA-B7-VS@1-1.5	Total/NA	Solid	3546	
460-176080-32	PRA-B7-VD@3-3.5	Total/NA	Solid	3546	
460-176080-33	PRA-B7-WT@8-8.5	Total/NA	Solid	3546	
460-176080-34	PRA-B7-SI@10.5-11	Total/NA	Solid	3546	
460-176080-35	PRA-B7-SD@19.5-20	Total/NA	Solid	3546	
460-176080-36	PRA-B8-VS@1-1.5	Total/NA	Solid	3546	
460-176080-37	PRA-B8-VD@3-3.5	Total/NA	Solid	3546	
460-176080-38	PRA-B8-WT@8-8.5	Total/NA	Solid	3546	

TestAmerica Edison

# QC Association Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## GC Semi VOA (Continued)

### Prep Batch: 592057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-39	PRA-B8-SI@10.5-11	Total/NA	Solid	3546	
460-176080-40	PRA-B8-SD@19.5-20	Total/NA	Solid	3546	
460-176080-41	PRA-B9-VS@1-1.5	Total/NA	Solid	3546	
460-176080-42	PRA-B9-VD@3-3.5	Total/NA	Solid	3546	
460-176080-43	PRA-B9-WT@8-8.5	Total/NA	Solid	3546	
460-176080-44	PRA-B9-SI@10-10.5	Total/NA	Solid	3546	
460-176080-45	PRA-B9-SD@19.5-20	Total/NA	Solid	3546	
460-176080-46	PRA-B10-VS@1-1.5	Total/NA	Solid	3546	
460-176080-47	PRA-B10-VD@3-3.5	Total/NA	Solid	3546	
460-176080-48	PRA-B10-SI@8-8.5	Total/NA	Solid	3546	
MB 460-592057/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-592057/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-592057/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-176080-42 MS	PRA-B9-VD@3-3.5	Total/NA	Solid	3546	
460-176080-42 MSD	PRA-B9-VD@3-3.5	Total/NA	Solid	3546	

### Analysis Batch: 592062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-54	PRA-EB-1	Total/NA	Water	8082A	591970

### Prep Batch: 592174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-49	PRA-B10-SI@10.5-11	Total/NA	Solid	3546	
460-176080-50	PRA-B10-SD@19.5-20	Total/NA	Solid	3546	
460-176080-51	DUP-1	Total/NA	Solid	3546	
460-176080-52	DUP-2	Total/NA	Solid	3546	
460-176080-53	DUP-3	Total/NA	Solid	3546	
MB 460-592174/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-592174/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-592174/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

### Analysis Batch: 592235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-1	PRA-B1-VS@1-1.5	Total/NA	Solid	8082A	592055
460-176080-2	PRA-B1-VD@3-3.5	Total/NA	Solid	8082A	592055
460-176080-3	PRA-B1-WT@7.5-8	Total/NA	Solid	8082A	592055
460-176080-6	PRA-B2-VS @1-1.5	Total/NA	Solid	8082A	592055
460-176080-7	PRA-B2-VD@3-3.5	Total/NA	Solid	8082A	592055
460-176080-8	PRA-B2-WT@7.5-8	Total/NA	Solid	8082A	592055
460-176080-11	PRA-B3-VS@1-1.5	Total/NA	Solid	8082A	592055
460-176080-16	PRA-B4-VS@1-1.5	Total/NA	Solid	8082A	592055
460-176080-17	PRA-B4-VD@3-3.5	Total/NA	Solid	8082A	592055
460-176080-18	PRA-B4-WT@8-8.5	Total/NA	Solid	8082A	592055
460-176080-19	PRA-B4-SI@10.5-11	Total/NA	Solid	8082A	592055
460-176080-20	PRA-B4-SD@19.5-20	Total/NA	Solid	8082A	592055
460-176080-21	PRA-B5-VS@1-1.5	Total/NA	Solid	8082A	592055
460-176080-22	PRA-B5-VD@3-3.5	Total/NA	Solid	8082A	592055
460-176080-23	PRA-B5-WT@8-8.5	Total/NA	Solid	8082A	592055
460-176080-24	PRA-B5-SI@10.5-11	Total/NA	Solid	8082A	592055
460-176080-25	PRA-B5-SD@19.5-20	Total/NA	Solid	8082A	592055
460-176080-26	PRA-B6-VS@1-1.5	Total/NA	Solid	8082A	592055

# QC Association Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## GC Semi VOA (Continued)

### Analysis Batch: 592235 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-27	PRA-B6-VD@3-3.5	Total/NA	Solid	8082A	592055
460-176080-28	PRA-B6-WT@7.5-8	Total/NA	Solid	8082A	592055
460-176080-33	PRA-B7-WT@8-8.5	Total/NA	Solid	8082A	592057
460-176080-38	PRA-B8-WT@8-8.5	Total/NA	Solid	8082A	592057
460-176080-43	PRA-B9-WT@8-8.5	Total/NA	Solid	8082A	592057
MB 460-592055/1-A	Method Blank	Total/NA	Solid	8082A	592055
LCS 460-592055/2-A	Lab Control Sample	Total/NA	Solid	8082A	592055
LCSD 460-592055/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	592055
460-176080-3 MS	PRA-B1-WT@7.5-8	Total/NA	Solid	8082A	592055
460-176080-3 MSD	PRA-B1-WT@7.5-8	Total/NA	Solid	8082A	592055

### Analysis Batch: 592236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-29	PRA-B6-SI@10.5-11	Total/NA	Solid	8082A	592057
460-176080-30	PRA-B6-SD@19.5-20	Total/NA	Solid	8082A	592057
460-176080-31	PRA-B7-VS@1-1.5	Total/NA	Solid	8082A	592057
460-176080-32	PRA-B7-VD@3-3.5	Total/NA	Solid	8082A	592057
460-176080-34	PRA-B7-SI@10.5-11	Total/NA	Solid	8082A	592057
460-176080-35	PRA-B7-SD@19.5-20	Total/NA	Solid	8082A	592057
460-176080-36	PRA-B8-VS@1-1.5	Total/NA	Solid	8082A	592057
460-176080-37	PRA-B8-VD@3-3.5	Total/NA	Solid	8082A	592057
460-176080-39	PRA-B8-SI@10.5-11	Total/NA	Solid	8082A	592057
460-176080-40	PRA-B8-SD@19.5-20	Total/NA	Solid	8082A	592057
460-176080-41	PRA-B9-VS@1-1.5	Total/NA	Solid	8082A	592057
460-176080-42	PRA-B9-VD@3-3.5	Total/NA	Solid	8082A	592057
460-176080-44	PRA-B9-SI@10-10.5	Total/NA	Solid	8082A	592057
460-176080-45	PRA-B9-SD@19.5-20	Total/NA	Solid	8082A	592057
460-176080-46	PRA-B10-VS@1-1.5	Total/NA	Solid	8082A	592057
460-176080-47	PRA-B10-VD@3-3.5	Total/NA	Solid	8082A	592057
460-176080-48	PRA-B10-SI@8-8.5	Total/NA	Solid	8082A	592057
MB 460-592057/1-A	Method Blank	Total/NA	Solid	8082A	592057
LCS 460-592057/2-A	Lab Control Sample	Total/NA	Solid	8082A	592057
LCSD 460-592057/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	592057
460-176080-42 MS	PRA-B9-VD@3-3.5	Total/NA	Solid	8082A	592057
460-176080-42 MSD	PRA-B9-VD@3-3.5	Total/NA	Solid	8082A	592057

### Analysis Batch: 592263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-49	PRA-B10-SI@10.5-11	Total/NA	Solid	8082A	592174
460-176080-50	PRA-B10-SD@19.5-20	Total/NA	Solid	8082A	592174
460-176080-51	DUP-1	Total/NA	Solid	8082A	592174
MB 460-592174/1-A	Method Blank	Total/NA	Solid	8082A	592174
LCS 460-592174/2-A	Lab Control Sample	Total/NA	Solid	8082A	592174
LCSD 460-592174/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	592174

### Analysis Batch: 592351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-52	DUP-2	Total/NA	Solid	8082A	592174
460-176080-53	DUP-3	Total/NA	Solid	8082A	592174

# QC Association Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## GC Semi VOA (Continued)

### Prep Batch: 593932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-12	PRA-B3-VD@3-3.5	Total/NA	Solid	3546	
460-176080-13	PRA-B3-WT@8-8.5	Total/NA	Solid	3546	
460-176080-14	PRA-B3-SI@9-9.5	Total/NA	Solid	3546	
460-176080-15	PRA-B3-SD@19.5-20	Total/NA	Solid	3546	
MB 460-593932/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-593932/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-593932/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-176621-E-9-D MS	Matrix Spike	Total/NA	Solid	3546	
460-176621-E-9-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

### Analysis Batch: 594003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-12	PRA-B3-VD@3-3.5	Total/NA	Solid	8082A	593932
460-176080-13	PRA-B3-WT@8-8.5	Total/NA	Solid	8082A	593932
460-176080-14	PRA-B3-SI@9-9.5	Total/NA	Solid	8082A	593932
460-176080-15	PRA-B3-SD@19.5-20	Total/NA	Solid	8082A	593932
MB 460-593932/1-A	Method Blank	Total/NA	Solid	8082A	593932
LCS 460-593932/2-A	Lab Control Sample	Total/NA	Solid	8082A	593932
LCSD 460-593932/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	593932
460-176621-E-9-D MS	Matrix Spike	Total/NA	Solid	8082A	593932
460-176621-E-9-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	593932

## General Chemistry

### Analysis Batch: 592232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-1	PRA-B1-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-2	PRA-B1-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-3	PRA-B1-WT@7.5-8	Total/NA	Solid	Moisture	
460-176080-6	PRA-B2-VS @1-1.5	Total/NA	Solid	Moisture	
460-176080-7	PRA-B2-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-8	PRA-B2-WT@7.5-8	Total/NA	Solid	Moisture	
460-176080-11	PRA-B3-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-11 DU	PRA-B3-VS@1-1.5	Total/NA	Solid	Moisture	

### Analysis Batch: 592237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-16	PRA-B4-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-17	PRA-B4-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-18	PRA-B4-WT@8-8.5	Total/NA	Solid	Moisture	
460-176080-19	PRA-B4-SI@10.5-11	Total/NA	Solid	Moisture	
460-176080-20	PRA-B4-SD@19.5-20	Total/NA	Solid	Moisture	
460-176080-21	PRA-B5-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-22	PRA-B5-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-23	PRA-B5-WT@8-8.5	Total/NA	Solid	Moisture	
460-176080-24	PRA-B5-SI@10.5-11	Total/NA	Solid	Moisture	
460-176080-25	PRA-B5-SD@19.5-20	Total/NA	Solid	Moisture	
460-176080-26	PRA-B6-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-27	PRA-B6-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-28	PRA-B6-WT@7.5-8	Total/NA	Solid	Moisture	

# QC Association Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## General Chemistry (Continued)

### Analysis Batch: 592237 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-29	PRA-B6-SI@10.5-11	Total/NA	Solid	Moisture	
460-176080-30	PRA-B6-SD@19.5-20	Total/NA	Solid	Moisture	
460-176080-31	PRA-B7-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-32	PRA-B7-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-33	PRA-B7-WT@8-8.5	Total/NA	Solid	Moisture	
460-176080-34	PRA-B7-SI@10.5-11	Total/NA	Solid	Moisture	
460-176080-35	PRA-B7-SD@19.5-20	Total/NA	Solid	Moisture	
460-176080-35 DU	PRA-B7-SD@19.5-20	Total/NA	Solid	Moisture	

### Analysis Batch: 592239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-36	PRA-B8-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-40	PRA-B8-SD@19.5-20	Total/NA	Solid	Moisture	
460-176080-41	PRA-B9-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-42	PRA-B9-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-43	PRA-B9-WT@8-8.5	Total/NA	Solid	Moisture	
460-176080-44	PRA-B9-SI@10-10.5	Total/NA	Solid	Moisture	
460-176080-45	PRA-B9-SD@19.5-20	Total/NA	Solid	Moisture	
460-176080-40 DU	PRA-B8-SD@19.5-20	Total/NA	Solid	Moisture	

### Analysis Batch: 592241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-37	PRA-B8-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-38	PRA-B8-WT@8-8.5	Total/NA	Solid	Moisture	
460-176080-39	PRA-B8-SI@10.5-11	Total/NA	Solid	Moisture	
460-176080-46	PRA-B10-VS@1-1.5	Total/NA	Solid	Moisture	
460-176080-47	PRA-B10-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-48	PRA-B10-SI@8-8.5	Total/NA	Solid	Moisture	
460-176080-49	PRA-B10-SI@10.5-11	Total/NA	Solid	Moisture	
460-176080-50	PRA-B10-SD@19.5-20	Total/NA	Solid	Moisture	
460-176080-51	DUP-1	Total/NA	Solid	Moisture	
460-176080-52	DUP-2	Total/NA	Solid	Moisture	
460-176080-53	DUP-3	Total/NA	Solid	Moisture	
460-175836-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

### Analysis Batch: 594450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-176080-12	PRA-B3-VD@3-3.5	Total/NA	Solid	Moisture	
460-176080-13	PRA-B3-WT@8-8.5	Total/NA	Solid	Moisture	
460-176080-14	PRA-B3-SI-@9-9.5	Total/NA	Solid	Moisture	
460-176080-15	PRA-B3-SD-@19.5-20	Total/NA	Solid	Moisture	
460-176080-15 DU	PRA-B3-SD-@19.5-20	Total/NA	Solid	Moisture	

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B1-VS@1-1.5**

Date Collected: 02/22/19 08:30

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-1**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592232	02/27/19 23:48	APV	TAL EDI

**Client Sample ID: PRA-B1-VS@1-1.5**

Date Collected: 02/22/19 08:30

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-1**

Matrix: Solid

Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 03:12	SXG	TAL EDI

**Client Sample ID: PRA-B1-VD@3-3.5**

Date Collected: 02/22/19 08:35

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-2**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592232	02/27/19 23:48	APV	TAL EDI

**Client Sample ID: PRA-B1-VD@3-3.5**

Date Collected: 02/22/19 08:35

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-2**

Matrix: Solid

Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 03:30	SXG	TAL EDI

**Client Sample ID: PRA-B1-WT@7.5-8**

Date Collected: 02/22/19 08:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-3**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592232	02/27/19 23:48	APV	TAL EDI

**Client Sample ID: PRA-B1-WT@7.5-8**

Date Collected: 02/22/19 08:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-3**

Matrix: Solid

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 02:55	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B2-VS @1-1.5**

Date Collected: 02/22/19 09:35

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-6**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592232	02/27/19 23:48	APV	TAL EDI

**Client Sample ID: PRA-B2-VS @1-1.5**

Date Collected: 02/22/19 09:35

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-6**

Matrix: Solid

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 03:47	SXG	TAL EDI

**Client Sample ID: PRA-B2-VD@3-3.5**

Date Collected: 02/22/19 09:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-7**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592232	02/27/19 23:48	APV	TAL EDI

**Client Sample ID: PRA-B2-VD@3-3.5**

Date Collected: 02/22/19 09:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-7**

Matrix: Solid

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 04:04	SXG	TAL EDI

**Client Sample ID: PRA-B2-WT@7.5-8**

Date Collected: 02/22/19 09:44

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-8**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592232	02/27/19 23:48	APV	TAL EDI

**Client Sample ID: PRA-B2-WT@7.5-8**

Date Collected: 02/22/19 09:44

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-8**

Matrix: Solid

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 04:21	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B3-VS@1-1.5**

Date Collected: 02/22/19 10:22

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-11**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592232	02/27/19 23:48	APV	TAL EDI

**Client Sample ID: PRA-B3-VS@1-1.5**

Date Collected: 02/22/19 10:22

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-11**

Matrix: Solid

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 04:38	SXG	TAL EDI

**Client Sample ID: PRA-B3-VD@3-3.5**

Date Collected: 02/22/19 10:25

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-12**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	594450	03/11/19 05:46	ACP	TAL EDI

**Client Sample ID: PRA-B3-VD@3-3.5**

Date Collected: 02/22/19 10:25

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-12**

Matrix: Solid

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			593932	03/07/19 17:57	IUD	TAL EDI
Total/NA	Analysis	8082A		1	594003	03/08/19 13:56	JHP	TAL EDI

**Client Sample ID: PRA-B3-WT@8-8.5**

Date Collected: 02/22/19 10:28

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-13**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	594450	03/11/19 05:46	ACP	TAL EDI

**Client Sample ID: PRA-B3-WT@8-8.5**

Date Collected: 02/22/19 10:28

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-13**

Matrix: Solid

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			593932	03/07/19 17:57	IUD	TAL EDI
Total/NA	Analysis	8082A		1	594003	03/08/19 14:19	JHP	TAL EDI



# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B3-SI-@9-9.5**

**Lab Sample ID: 460-176080-14**

Date Collected: 02/22/19 10:30

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	594450	03/11/19 05:46	ACP	TAL EDI

**Client Sample ID: PRA-B3-SI-@9-9.5**

**Lab Sample ID: 460-176080-14**

Date Collected: 02/22/19 10:30

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			593932	03/07/19 17:57	IUD	TAL EDI
Total/NA	Analysis	8082A		1	594003	03/08/19 14:43	JHP	TAL EDI

**Client Sample ID: PRA-B3-SD-@19.5-20**

**Lab Sample ID: 460-176080-15**

Date Collected: 02/22/19 10:35

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	594450	03/11/19 05:46	ACP	TAL EDI

**Client Sample ID: PRA-B3-SD-@19.5-20**

**Lab Sample ID: 460-176080-15**

Date Collected: 02/22/19 10:35

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			593932	03/07/19 17:57	IUD	TAL EDI
Total/NA	Analysis	8082A		1	594003	03/08/19 15:06	JHP	TAL EDI

**Client Sample ID: PRA-B4-VS@1-1.5**

**Lab Sample ID: 460-176080-16**

Date Collected: 02/22/19 13:05

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B4-VS@1-1.5**

**Lab Sample ID: 460-176080-16**

Date Collected: 02/22/19 13:05

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 04:55	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B4-VD@3-3.5**

Date Collected: 02/22/19 13:07

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-17**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B4-VD@3-3.5**

Date Collected: 02/22/19 13:07

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-17**

Matrix: Solid

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 05:13	SXG	TAL EDI

**Client Sample ID: PRA-B4-WT@8-8.5**

Date Collected: 02/22/19 13:10

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-18**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B4-WT@8-8.5**

Date Collected: 02/22/19 13:10

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-18**

Matrix: Solid

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		2	592235	02/28/19 08:39	SXG	TAL EDI

**Client Sample ID: PRA-B4-SI@10.5-11**

Date Collected: 02/22/19 13:12

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-19**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B4-SI@10.5-11**

Date Collected: 02/22/19 13:12

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-19**

Matrix: Solid

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 05:47	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B4-SD@19.5-20**

Date Collected: 02/22/19 13:15

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-20**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B4-SD@19.5-20**

Date Collected: 02/22/19 13:15

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-20**

Matrix: Solid

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 06:04	SXG	TAL EDI

**Client Sample ID: PRA-B5-VS@1-1.5**

Date Collected: 02/22/19 10:05

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-21**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B5-VS@1-1.5**

Date Collected: 02/22/19 10:05

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-21**

Matrix: Solid

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 06:21	SXG	TAL EDI

**Client Sample ID: PRA-B5-VD@3-3.5**

Date Collected: 02/22/19 10:13

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-22**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B5-VD@3-3.5**

Date Collected: 02/22/19 10:13

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-22**

Matrix: Solid

Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 06:38	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B5-WT@8-8.5**

**Lab Sample ID: 460-176080-23**

Date Collected: 02/22/19 10:55

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B5-WT@8-8.5**

**Lab Sample ID: 460-176080-23**

Date Collected: 02/22/19 10:55

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 06:56	SXG	TAL EDI

**Client Sample ID: PRA-B5-SI@10.5-11**

**Lab Sample ID: 460-176080-24**

Date Collected: 02/22/19 10:58

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B5-SI@10.5-11**

**Lab Sample ID: 460-176080-24**

Date Collected: 02/22/19 10:58

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 07:13	SXG	TAL EDI

**Client Sample ID: PRA-B5-SD@19.5-20**

**Lab Sample ID: 460-176080-25**

Date Collected: 02/22/19 11:02

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B5-SD@19.5-20**

**Lab Sample ID: 460-176080-25**

Date Collected: 02/22/19 11:02

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 07:30	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B6-VS@1-1.5**

**Lab Sample ID: 460-176080-26**

Date Collected: 02/22/19 13:25

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B6-VS@1-1.5**

**Lab Sample ID: 460-176080-26**

Date Collected: 02/22/19 13:25

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		2	592235	02/28/19 10:33	SXG	TAL EDI

**Client Sample ID: PRA-B6-VD@3-3.5**

**Lab Sample ID: 460-176080-27**

Date Collected: 02/22/19 13:27

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B6-VD@3-3.5**

**Lab Sample ID: 460-176080-27**

Date Collected: 02/22/19 13:27

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		1	592235	02/28/19 08:04	SXG	TAL EDI

**Client Sample ID: PRA-B6-WT@7.5-8**

**Lab Sample ID: 460-176080-28**

Date Collected: 02/22/19 13:30

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B6-WT@7.5-8**

**Lab Sample ID: 460-176080-28**

Date Collected: 02/22/19 13:30

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592055	02/27/19 08:41	KAP	TAL EDI
Total/NA	Analysis	8082A		10	592235	02/28/19 10:50	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B6-SI@10.5-11**

**Lab Sample ID: 460-176080-29**

Date Collected: 02/22/19 13:32

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B6-SI@10.5-11**

**Lab Sample ID: 460-176080-29**

Date Collected: 02/22/19 13:32

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 02:10	SXG	TAL EDI

**Client Sample ID: PRA-B6-SD@19.5-20**

**Lab Sample ID: 460-176080-30**

Date Collected: 02/22/19 13:35

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B6-SD@19.5-20**

**Lab Sample ID: 460-176080-30**

Date Collected: 02/22/19 13:35

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 04:50	SXG	TAL EDI

**Client Sample ID: PRA-B7-VS@1-1.5**

**Lab Sample ID: 460-176080-31**

Date Collected: 02/22/19 12:45

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B7-VS@1-1.5**

**Lab Sample ID: 460-176080-31**

Date Collected: 02/22/19 12:45

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 05:07	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B7-VD@3-3.5**

**Lab Sample ID: 460-176080-32**

Date Collected: 02/22/19 12:47

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B7-VD@3-3.5**

**Lab Sample ID: 460-176080-32**

Date Collected: 02/22/19 12:47

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 05:24	SXG	TAL EDI

**Client Sample ID: PRA-B7-WT@8-8.5**

**Lab Sample ID: 460-176080-33**

Date Collected: 02/22/19 12:50

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B7-WT@8-8.5**

**Lab Sample ID: 460-176080-33**

Date Collected: 02/22/19 12:50

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		50	592235	02/28/19 11:30	SXG	TAL EDI

**Client Sample ID: PRA-B7-SI@10.5-11**

**Lab Sample ID: 460-176080-34**

Date Collected: 02/22/19 12:52

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B7-SI@10.5-11**

**Lab Sample ID: 460-176080-34**

Date Collected: 02/22/19 12:52

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 05:57	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B7-SD@19.5-20**

**Lab Sample ID: 460-176080-35**

Date Collected: 02/22/19 12:55

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592237	02/28/19 00:03	APV	TAL EDI

**Client Sample ID: PRA-B7-SD@19.5-20**

**Lab Sample ID: 460-176080-35**

Date Collected: 02/22/19 12:55

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 06:14	SXG	TAL EDI

**Client Sample ID: PRA-B8-VS@1-1.5**

**Lab Sample ID: 460-176080-36**

Date Collected: 02/22/19 13:42

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592239	02/28/19 00:19	APV	TAL EDI

**Client Sample ID: PRA-B8-VS@1-1.5**

**Lab Sample ID: 460-176080-36**

Date Collected: 02/22/19 13:42

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 06:31	SXG	TAL EDI

**Client Sample ID: PRA-B8-VD@3-3.5**

**Lab Sample ID: 460-176080-37**

Date Collected: 02/22/19 13:45

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: PRA-B8-VD@3-3.5**

**Lab Sample ID: 460-176080-37**

Date Collected: 02/22/19 13:45

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 06:48	SXG	TAL EDI



# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B8-WT@8-8.5**

**Lab Sample ID: 460-176080-38**

Date Collected: 02/22/19 13:47

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: PRA-B8-WT@8-8.5**

**Lab Sample ID: 460-176080-38**

Date Collected: 02/22/19 13:47

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		50	592235	02/28/19 11:48	SXG	TAL EDI

**Client Sample ID: PRA-B8-SI@10.5-11**

**Lab Sample ID: 460-176080-39**

Date Collected: 02/22/19 13:50

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: PRA-B8-SI@10.5-11**

**Lab Sample ID: 460-176080-39**

Date Collected: 02/22/19 13:50

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 07:22	SXG	TAL EDI

**Client Sample ID: PRA-B8-SD@19.5-20**

**Lab Sample ID: 460-176080-40**

Date Collected: 02/22/19 13:55

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592239	02/28/19 00:19	APV	TAL EDI

**Client Sample ID: PRA-B8-SD@19.5-20**

**Lab Sample ID: 460-176080-40**

Date Collected: 02/22/19 13:55

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 07:39	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B9-VS@1-1.5**

Date Collected: 02/22/19 11:15

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-41**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592239	02/28/19 00:19	APV	TAL EDI

**Client Sample ID: PRA-B9-VS@1-1.5**

Date Collected: 02/22/19 11:15

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-41**

Matrix: Solid

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 07:56	SXG	TAL EDI

**Client Sample ID: PRA-B9-VD@3-3.5**

Date Collected: 02/22/19 11:18

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-42**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592239	02/28/19 00:19	APV	TAL EDI

**Client Sample ID: PRA-B9-VD@3-3.5**

Date Collected: 02/22/19 11:18

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-42**

Matrix: Solid

Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 01:53	SXG	TAL EDI

**Client Sample ID: PRA-B9-WT@8-8.5**

Date Collected: 02/22/19 11:20

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-43**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592239	02/28/19 00:19	APV	TAL EDI

**Client Sample ID: PRA-B9-WT@8-8.5**

Date Collected: 02/22/19 11:20

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-43**

Matrix: Solid

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		10	592235	02/28/19 12:05	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B9-SI@10-10.5**

**Lab Sample ID: 460-176080-44**

Date Collected: 02/22/19 11:25

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592239	02/28/19 00:19	APV	TAL EDI

**Client Sample ID: PRA-B9-SI@10-10.5**

**Lab Sample ID: 460-176080-44**

Date Collected: 02/22/19 11:25

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 08:29	SXG	TAL EDI

**Client Sample ID: PRA-B9-SD@19.5-20**

**Lab Sample ID: 460-176080-45**

Date Collected: 02/22/19 11:30

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592239	02/28/19 00:19	APV	TAL EDI

**Client Sample ID: PRA-B9-SD@19.5-20**

**Lab Sample ID: 460-176080-45**

Date Collected: 02/22/19 11:30

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 08:46	SXG	TAL EDI

**Client Sample ID: PRA-B10-VS@1-1.5**

**Lab Sample ID: 460-176080-46**

Date Collected: 02/22/19 11:37

Matrix: Solid

Date Received: 02/22/19 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: PRA-B10-VS@1-1.5**

**Lab Sample ID: 460-176080-46**

Date Collected: 02/22/19 11:37

Matrix: Solid

Date Received: 02/22/19 18:00

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 09:03	SXG	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B10-VD@3-3.5**

Date Collected: 02/22/19 11:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-47**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: PRA-B10-VD@3-3.5**

Date Collected: 02/22/19 11:40

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-47**

Matrix: Solid

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 09:20	SXG	TAL EDI

**Client Sample ID: PRA-B10-SI@8-8.5**

Date Collected: 02/22/19 11:42

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-48**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: PRA-B10-SI@8-8.5**

Date Collected: 02/22/19 11:42

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-48**

Matrix: Solid

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592057	02/27/19 08:49	YXY	TAL EDI
Total/NA	Analysis	8082A		1	592236	02/28/19 09:37	SXG	TAL EDI

**Client Sample ID: PRA-B10-SI@10.5-11**

Date Collected: 02/22/19 11:45

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-49**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: PRA-B10-SI@10.5-11**

Date Collected: 02/22/19 11:45

Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-49**

Matrix: Solid

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592174	02/27/19 17:50	IUD	TAL EDI
Total/NA	Analysis	8082A		1	592263	02/28/19 11:31	JHP	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

**Client Sample ID: PRA-B10-SD@19.5-20**  
Date Collected: 02/22/19 11:50  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-50**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: PRA-B10-SD@19.5-20**  
Date Collected: 02/22/19 11:50  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-50**  
Matrix: Solid  
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592174	02/27/19 17:50	IUD	TAL EDI
Total/NA	Analysis	8082A		1	592263	02/28/19 11:48	JHP	TAL EDI

**Client Sample ID: DUP-1**  
Date Collected: 02/22/19 00:00  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-51**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: DUP-1**  
Date Collected: 02/22/19 00:00  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-51**  
Matrix: Solid  
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592174	02/27/19 17:50	IUD	TAL EDI
Total/NA	Analysis	8082A		1	592263	02/28/19 12:06	JHP	TAL EDI

**Client Sample ID: DUP-2**  
Date Collected: 02/22/19 00:00  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-52**  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

**Client Sample ID: DUP-2**  
Date Collected: 02/22/19 00:00  
Date Received: 02/22/19 18:00

**Lab Sample ID: 460-176080-52**  
Matrix: Solid  
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592174	02/27/19 17:50	IUD	TAL EDI
Total/NA	Analysis	8082A		25	592351	02/28/19 15:37	JHP	TAL EDI

# Lab Chronicle

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Client Sample ID: DUP-3

Date Collected: 02/22/19 00:00

Date Received: 02/22/19 18:00

## Lab Sample ID: 460-176080-53

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	592241	02/28/19 00:37	APV	TAL EDI

## Client Sample ID: DUP-3

Date Collected: 02/22/19 00:00

Date Received: 02/22/19 18:00

## Lab Sample ID: 460-176080-53

Matrix: Solid

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			592174	02/27/19 17:50	IUD	TAL EDI
Total/NA	Analysis	8082A		1	592351	02/28/19 15:14	JHP	TAL EDI

## Client Sample ID: PRA-EB-1

Date Collected: 02/22/19 13:50

Date Received: 02/22/19 18:00

## Lab Sample ID: 460-176080-54

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			591970	02/27/19 01:20	JNP	TAL EDI
Total/NA	Analysis	8082A		1	592062	02/27/19 14:38	JHP	TAL EDI

### Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Accreditation/Certification Summary

Client: Antea USA, Inc.  
Project/Site: Former McCandless Fuels

TestAmerica Job ID: 460-176080-1

## Laboratory: TestAmerica Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

# 8082A

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**Polychlorinated Biphenyls (PCBs) by  
Gas Chromatography**



FORM II  
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid

Level: Low

GC Column (1): Rtx-CLP ID: 0.53 (mm)

GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCBP1 #	DCBP2 #
PRA-B1-VS@1-1.5	460-176080-1	127	116
PRA-B1-VD@3-3.5	460-176080-2	104	113
PRA-B1-WT@7.5-8	460-176080-3	112	110
PRA-B2-VS @1-1.5	460-176080-6	114	114
PRA-B2-VD@3-3.5	460-176080-7	111	104
PRA-B2-WT@7.5-8	460-176080-8	125	112
PRA-B3-VS@1-1.5	460-176080-11	105	105
PRA-B3-VD@3-3.5	460-176080-12	112	101
PRA-B3-WT@8-8.5	460-176080-13	102	91
PRA-B3-SI-@9-9.5	460-176080-14	108	97
PRA-B3-SD-@19.5-20	460-176080-15	98	89
PRA-B4-VS@1-1.5	460-176080-16	109	103
PRA-B4-VD@3-3.5	460-176080-17	126	106
PRA-B4-WT@8-8.5	460-176080-18	123	107
PRA-B4-SI@10.5-11	460-176080-19	115	117
PRA-B4-SD@19.5-20	460-176080-20	121	110
PRA-B5-VS@1-1.5	460-176080-21	120	109
PRA-B5-VD@3-3.5	460-176080-22	112	108
PRA-B5-WT@8-8.5	460-176080-23	112	112
PRA-B5-SI@10.5-11	460-176080-24	127	114
PRA-B5-SD@19.5-20	460-176080-25	110	84
PRA-B6-VS@1-1.5	460-176080-26	114	85
PRA-B6-VD@3-3.5	460-176080-27	133	115
PRA-B6-WT@7.5-8	460-176080-28	121	110
PRA-B6-SI@10.5-11	460-176080-29	145	146
PRA-B6-SD@19.5-20	460-176080-30	142	141
PRA-B7-VS@1-1.5	460-176080-31	145	134
PRA-B7-VD@3-3.5	460-176080-32	138	125
PRA-B7-WT@8-8.5	460-176080-33	0	0
PRA-B7-SI@10.5-11	460-176080-34	162	138
PRA-B7-SD@19.5-20	460-176080-35	125	127
PRA-B8-VS@1-1.5	460-176080-36	130	135
PRA-B8-VD@3-3.5	460-176080-37	123	135
PRA-B8-WT@8-8.5	460-176080-38	0	0
PRA-B8-SI@10.5-11	460-176080-39	144	141

QC LIMITS  
53-150

DCBP = DCB Decachlorobiphenyl

# Column to be used to flag recovery values

FORM II 8082A

FORM II  
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid

Level: Low

GC Column (1): Rtx-CLP ID: 0.53 (mm)

GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCBP1 #	DCBP2 #
PRA-B8-SD@19.5-20	460-176080-40	143	143
PRA-B9-VS@1-1.5	460-176080-41	127	124
PRA-B9-VD@3-3.5	460-176080-42	134	139
PRA-B9-WT@8-8.5	460-176080-43	126	99
PRA-B9-SI@10-10.5	460-176080-44	149	128
PRA-B9-SD@19.5-20	460-176080-45	145	134
PRA-B10-VS@1-1.5	460-176080-46	146	139
PRA-B10-VD@3-3.5	460-176080-47	131	122
PRA-B10-SI@8-8.5	460-176080-48	135	144
PRA-B10-SI@10.5-11	460-176080-49	117	116
PRA-B10-SD@19.5-20	460-176080-50	117	125
DUP-1	460-176080-51	104	107
DUP-2	460-176080-52	0 x	0 x
DUP-3	460-176080-53	104	97
	MB 460-592055/1-A	112	98
	MB 460-592057/1-A	146	150
	MB 460-592174/1-A	120	119
	MB 460-593932/1-A	120	105
	LCS 460-592055/2-A	118	103
	LCS 460-592057/2-A	139	141
	LCS 460-592174/2-A	110	114
	LCS 460-593932/2-A	100	93
	LCSD 460-592055/3-A	116	104
	LCSD 460-592057/3-A	146	146
	LCSD 460-592174/3-A	101	121
	LCSD 460-593932/3-A	105	95
PRA-B1-WT@7.5-8 MS	460-176080-3 MS	129	107
PRA-B9-VD@3-3.5 MS	460-176080-42 MS	134	129
	460-176621-E-9-D MS	112	99

DCBP = DCB Decachlorobiphenyl

QC LIMITS  
53-150

# Column to be used to flag recovery values

FORM II  
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low

GC Column (1): Rtx-CLP ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCBP1 #	DCBP2 #
PRA-B1-WT@7.5-8 MSD	460-176080-3 MSD	103	96
PRA-B9-VD@3-3.5 MSD	460-176080-42 MSD	133	125
	460-176621-E-9-E MSD	126	109

DCBP = DCB Decachlorobiphenyl

QC LIMITS  
53-150

# Column to be used to flag recovery values

FORM II 8082A

FORM II  
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCBP1 #	DCBP2 #
PRA-EB-1	460-176080-54	145	122
	MB 460-591970/1-A	86	98
	LCS 460-591970/2-A	55	62
	LCSD 460-591970/3-A	77	89

DCBP = DCB Decachlorobiphenyl

QC LIMITS  
10-150

# Column to be used to flag recovery values

FORM II 8082A

FORM III  
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: 8F135753.D

Lab ID: LCS 460-591970/2-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	4.00	3.77	94	78-150	
Aroclor 1016	4.00	3.12	78	78-150	
Aroclor 1260	4.00	3.93	98	80-150	
Aroclor 1260	4.00	3.50	87	80-150	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: T155877.D

Lab ID: LCS 460-592055/2-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	347	104	76-146	
Aroclor 1016	333	360	108	76-146	
Aroclor 1260	333	352	106	74-148	
Aroclor 1260	333	419	126	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: 9F003674.D

Lab ID: LCS 460-592057/2-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	430	129	76-146	
Aroclor 1016	333	450	135	76-146	
Aroclor 1260	333	469	141	74-148	
Aroclor 1260	333	460	138	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: 8F135761.D

Lab ID: LCS 460-592174/2-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	376	113	76-146	
Aroclor 1016	333	373	112	76-146	
Aroclor 1260	333	397	119	74-148	
Aroclor 1260	333	407	122	74-148	

# Column to be used to flag recovery and RPD values



FORM III  
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: 7R002468.D

Lab ID: LCS 460-593932/2-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	297	89	76-146	
Aroclor 1016	333	313	94	76-146	
Aroclor 1260	333	358	108	74-148	
Aroclor 1260	333	357	107	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: 8F135752.D  
 Lab ID: LCSD 460-591970/3-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	4.00	3.88	97	3	30	78-150	
Aroclor 1016	4.00	3.32	83	6	30	78-150	
Aroclor 1260	4.00	4.08	102	4	30	80-150	
Aroclor 1260	4.00	3.70	92	6	30	80-150	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: T155878.D

Lab ID: LCSD 460-592055/3-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	332	341	103	2	30	76-146	
Aroclor 1016	332	351	106	3	30	76-146	
Aroclor 1260	332	358	108	2	30	74-148	
Aroclor 1260	332	412	124	2	30	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: 9F003675.D

Lab ID: LCSD 460-592057/3-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	333	446	134	1	30	76-146	
Aroclor 1016	333	430	129	0	30	76-146	
Aroclor 1260	333	485	146	3	30	74-148	
Aroclor 1260	333	481	145	5	30	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: 8F135762.D

Lab ID: LCSD 460-592174/3-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	333	391	117	4	30	76-146	
Aroclor 1016	333	330	99	12	30	76-146	
Aroclor 1260	333	430	129	5	30	74-148	
Aroclor 1260	333	369	111	7	30	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Solid Level: Low Lab File ID: 7R002469.D  
 Lab ID: LCSD 460-593932/3-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	332	296	89	0	30	76-146	
Aroclor 1016	332	326	98	4	30	76-146	
Aroclor 1260	332	368	111	3	30	74-148	
Aroclor 1260	332	368	111	3	30	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Solid Level: Low Lab File ID: T155879.D  
 Lab ID: 460-176080-3 MS Client ID: PRA-B1-WT@7.5-8 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	377	10 U	414	110	76-146	
Aroclor 1016	377	10 U	471	125	76-146	
Aroclor 1260	377	10 U	444	118	74-148	
Aroclor 1260	377	10 U	531	141	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Solid Level: Low Lab File ID: 9F003676.D  
 Lab ID: 460-176080-42 MS Client ID: PRA-B9-VD@3-3.5 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	353	9.4 U	458	130	76-146	
Aroclor 1016	353	9.4 U	514	146	76-146	
Aroclor 1260	353	9.7 U	485	137	74-148	
Aroclor 1260	353	9.7 U	533	151	74-148	F1

# Column to be used to flag recovery and RPD values



FORM III  
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Solid Level: Low Lab File ID: 7R002471.D  
 Lab ID: 460-176621-E-9-D MS Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	369	9.4 U	327	89	76-146	
Aroclor 1016	369	9.4 U	372	101	76-146	
Aroclor 1260	369	9.7 U	410	111	74-148	
Aroclor 1260	369	9.7 U	419	114	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: T155880.D

Lab ID: 460-176080-3 MSD Client ID: PRA-B1-WT@7.5-8 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	377	362	96	13	30	76-146	
Aroclor 1016	377	364	96	26	30	76-146	
Aroclor 1260	377	390	103	13	30	74-148	
Aroclor 1260	377	418	111	24	30	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: 9F003677.D

Lab ID: 460-176080-42 MSD Client ID: PRA-B9-VD@3-3.5 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	352	434	123	17	30	76-146	
Aroclor 1016	352	420	119	9	30	76-146	
Aroclor 1260	352	458	130	6	30	74-148	
Aroclor 1260	352	475	135	11	30	74-148	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: 7R002472.D

Lab ID: 460-176621-E-9-E MSD Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	369	364	99	11	30	76-146	
Aroclor 1016	369	413	112	10	30	76-146	
Aroclor 1260	369	449	121	9	30	74-148	
Aroclor 1260	369	468	127	11	30	74-148	

# Column to be used to flag recovery and RPD values

FORM IV  
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: MB 460-591970/1-A  
 Matrix: Water Date Extracted: 02/27/2019 01:20  
 Lab File ID: (1) 8F135754.D Lab File ID: (2) 8F135754.D  
 Date Analyzed: (1) 02/27/2019 14:01 Date Analyzed: (2) 02/27/2019 14:01  
 Instrument ID: (1) CPESTGC8 Instrument ID: (2) CPESTGC8  
 GC Column: (1) Rtx-CLP ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1		DATE ANALYZED 2	
		DATE	TIME	DATE	TIME
	LCSD 460-591970/3-A	02/27/2019	13:25	02/27/2019	13:25
	LCS 460-591970/2-A	02/27/2019	13:43	02/27/2019	13:43
PRA-EB-1	460-176080-54	02/27/2019	14:38	02/27/2019	14:38

FORM IV  
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: MB 460-592055/1-A  
 Matrix: Solid Date Extracted: 02/27/2019 08:41  
 Lab File ID: (1) T155876.D Lab File ID: (2) T155876.D  
 Date Analyzed: (1) 02/28/2019 01:30 Date Analyzed: (2) 02/28/2019 01:30  
 Instrument ID: (1) CPESTGC11 Instrument ID: (2) CPESTGC11  
 GC Column: (1) Rtx-CLP ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1		DATE ANALYZED 2	
	LCS 460-592055/2-A	02/28/2019	01:47	02/28/2019	01:47
	LCSD 460-592055/3-A	02/28/2019	02:04	02/28/2019	02:04
PRA-B1-WT@7.5-8 MS	460-176080-3 MS	02/28/2019	02:21	02/28/2019	02:21
PRA-B1-WT@7.5-8 MSD	460-176080-3 MSD	02/28/2019	02:38	02/28/2019	02:38
PRA-B1-WT@7.5-8	460-176080-3	02/28/2019	02:55	02/28/2019	02:55
PRA-B1-VS@1-1.5	460-176080-1	02/28/2019	03:12	02/28/2019	03:12
PRA-B1-VD@3-3.5	460-176080-2	02/28/2019	03:30	02/28/2019	03:30
PRA-B2-VS @1-1.5	460-176080-6	02/28/2019	03:47	02/28/2019	03:47
PRA-B2-VD@3-3.5	460-176080-7	02/28/2019	04:04	02/28/2019	04:04
PRA-B2-WT@7.5-8	460-176080-8	02/28/2019	04:21	02/28/2019	04:21
PRA-B3-VS@1-1.5	460-176080-11	02/28/2019	04:38	02/28/2019	04:38
PRA-B4-VS@1-1.5	460-176080-16	02/28/2019	04:55	02/28/2019	04:55
PRA-B4-VD@3-3.5	460-176080-17	02/28/2019	05:13	02/28/2019	05:13
PRA-B4-SI@10.5-11	460-176080-19	02/28/2019	05:47	02/28/2019	05:47
PRA-B4-SD@19.5-20	460-176080-20	02/28/2019	06:04	02/28/2019	06:04
PRA-B5-VS@1-1.5	460-176080-21	02/28/2019	06:21	02/28/2019	06:21
PRA-B5-VD@3-3.5	460-176080-22	02/28/2019	06:38	02/28/2019	06:38
PRA-B5-WT@8-8.5	460-176080-23	02/28/2019	06:56	02/28/2019	06:56
PRA-B5-SI@10.5-11	460-176080-24	02/28/2019	07:13	02/28/2019	07:13
PRA-B5-SD@19.5-20	460-176080-25	02/28/2019	07:30	02/28/2019	07:30
PRA-B6-VD@3-3.5	460-176080-27	02/28/2019	08:04	02/28/2019	08:04
PRA-B4-WT@8-8.5	460-176080-18	02/28/2019	08:39	02/28/2019	08:39
PRA-B6-VS@1-1.5	460-176080-26	02/28/2019	10:33	02/28/2019	10:33
PRA-B6-WT@7.5-8	460-176080-28	02/28/2019	10:50	02/28/2019	10:50

FORM IV  
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: MB 460-592057/1-A  
 Matrix: Solid Date Extracted: 02/27/2019 08:49  
 Lab File ID: (1) 9F003673.D Lab File ID: (2) 9F003673.D  
 Date Analyzed: (1) 02/28/2019 00:29 Date Analyzed: (2) 02/28/2019 00:29  
 Instrument ID: (1) CPESTGC9 Instrument ID: (2) CPESTGC9  
 GC Column: (1) Rtx-CLP ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-592057/2-A	02/28/2019 00:46	02/28/2019 00:46
	LCSD 460-592057/3-A	02/28/2019 01:03	02/28/2019 01:03
PRA-B9-VD@3-3.5 MS	460-176080-42 MS	02/28/2019 01:19	02/28/2019 01:19
PRA-B9-VD@3-3.5 MSD	460-176080-42 MSD	02/28/2019 01:36	02/28/2019 01:36
PRA-B9-VD@3-3.5	460-176080-42	02/28/2019 01:53	02/28/2019 01:53
PRA-B6-SI@10.5-11	460-176080-29	02/28/2019 02:10	02/28/2019 02:10
PRA-B6-SD@19.5-20	460-176080-30	02/28/2019 04:50	02/28/2019 04:50
PRA-B7-VS@1-1.5	460-176080-31	02/28/2019 05:07	02/28/2019 05:07
PRA-B7-VD@3-3.5	460-176080-32	02/28/2019 05:24	02/28/2019 05:24
PRA-B7-SI@10.5-11	460-176080-34	02/28/2019 05:57	02/28/2019 05:57
PRA-B7-SD@19.5-20	460-176080-35	02/28/2019 06:14	02/28/2019 06:14
PRA-B8-VS@1-1.5	460-176080-36	02/28/2019 06:31	02/28/2019 06:31
PRA-B8-VD@3-3.5	460-176080-37	02/28/2019 06:48	02/28/2019 06:48
PRA-B8-SI@10.5-11	460-176080-39	02/28/2019 07:22	02/28/2019 07:22
PRA-B8-SD@19.5-20	460-176080-40	02/28/2019 07:39	02/28/2019 07:39
PRA-B9-VS@1-1.5	460-176080-41	02/28/2019 07:56	02/28/2019 07:56
PRA-B9-SI@10-10.5	460-176080-44	02/28/2019 08:29	02/28/2019 08:29
PRA-B9-SD@19.5-20	460-176080-45	02/28/2019 08:46	02/28/2019 08:46
PRA-B10-VS@1-1.5	460-176080-46	02/28/2019 09:03	02/28/2019 09:03
PRA-B10-VD@3-3.5	460-176080-47	02/28/2019 09:20	02/28/2019 09:20
PRA-B10-SI@8-8.5	460-176080-48	02/28/2019 09:37	02/28/2019 09:37
PRA-B7-WT@8-8.5	460-176080-33	02/28/2019 11:30	02/28/2019 11:30
PRA-B8-WT@8-8.5	460-176080-38	02/28/2019 11:48	02/28/2019 11:48
PRA-B9-WT@8-8.5	460-176080-43	02/28/2019 12:05	02/28/2019 12:05

FORM IV  
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: MB 460-592174/1-A  
 Matrix: Solid Date Extracted: 02/27/2019 17:50  
 Lab File ID: (1) 8F135760.D Lab File ID: (2) 8F135760.D  
 Date Analyzed: (1) 02/28/2019 06:08 Date Analyzed: (2) 02/28/2019 06:08  
 Instrument ID: (1) CPESTGC8 Instrument ID: (2) CPESTGC8  
 GC Column: (1) Rtx-CLP ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE	
		ANALYZED 1	ANALYZED 2
	LCS 460-592174/2-A	02/28/2019 06:26	02/28/2019 06:26
	LCSD 460-592174/3-A	02/28/2019 06:44	02/28/2019 06:44
PRA-B10-SI@10.5-11	460-176080-49	02/28/2019 11:31	02/28/2019 11:31
PRA-B10-SD@19.5-20	460-176080-50	02/28/2019 11:48	02/28/2019 11:48
DUP-1	460-176080-51	02/28/2019 12:06	02/28/2019 12:06
DUP-3	460-176080-53	02/28/2019 15:14	02/28/2019 15:14
DUP-2	460-176080-52	02/28/2019 15:37	02/28/2019 15:37



FORM IV  
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: MB 460-593932/1-A  
 Matrix: Solid Date Extracted: 03/07/2019 17:57  
 Lab File ID: (1) 7R002467.D Lab File ID: (2) 7R002467.D  
 Date Analyzed: (1) 03/08/2019 06:31 Date Analyzed: (2) 03/08/2019 06:31  
 Instrument ID: (1) CPESTGC7 Instrument ID: (2) CPESTGC7  
 GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1		DATE ANALYZED 2	
	LCS 460-593932/2-A	03/08/2019	06:55	03/08/2019	06:55
	LCSD 460-593932/3-A	03/08/2019	07:18	03/08/2019	07:18
	460-176621-E-9-D MS	03/08/2019	08:05	03/08/2019	08:05
	460-176621-E-9-E MSD	03/08/2019	08:28	03/08/2019	08:28
PRA-B3-VD@3-3.5	460-176080-12	03/08/2019	13:56	03/08/2019	13:56
PRA-B3-WT@8-8.5	460-176080-13	03/08/2019	14:19	03/08/2019	14:19
PRA-B3-SI-@9-9.5	460-176080-14	03/08/2019	14:43	03/08/2019	14:43
PRA-B3-SD-@19.5-20	460-176080-15	03/08/2019	15:06	03/08/2019	15:06

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592235/2 Date Analyzed: 02/28/2019 00:21  
 Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm)  
 Lab File ID (Standard): T155872.D Heated Purge: (Y/N) N  
 Calibration ID: 73349

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		15937814	1.18				
UPPER LIMIT		31875628	1.25				
LOWER LIMIT		7968907	1.11				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-592235/4		20720985	1.18				
MB 460-592055/1-A		19634277	1.18				
LCS 460-592055/2-A		18875828	1.18				
LCSD 460-592055/3-A		18483469	1.18				
460-176080-3 MS	PRA-B1-WT@7.5-8 MS	15150148	1.19				
460-176080-3 MSD	PRA-B1-WT@7.5-8 MSD	17592768	1.19				
460-176080-3	PRA-B1-WT@7.5-8	15068329	1.18				
460-176080-1	PRA-B1-VS@1-1.5	14773023	1.18				
460-176080-2	PRA-B1-VD@3-3.5	14799892	1.18				
460-176080-6	PRA-B2-VS @1-1.5	14729751	1.18				
460-176080-7	PRA-B2-VD@3-3.5	14789276	1.18				
460-176080-8	PRA-B2-WT@7.5-8	15063777	1.18				
460-176080-11	PRA-B3-VS@1-1.5	14693134	1.19				
460-176080-16	PRA-B4-VS@1-1.5	14541522	1.19				
460-176080-17	PRA-B4-VD@3-3.5	14923250	1.18				
460-176080-19	PRA-B4-SI@10.5-11	14329875	1.19				
460-176080-20	PRA-B4-SD@19.5-20	14610709	1.18				
460-176080-21	PRA-B5-VS@1-1.5	14703985	1.18				
460-176080-22	PRA-B5-VD@3-3.5	14695868	1.18				
460-176080-23	PRA-B5-WT@8-8.5	14890220	1.19				
460-176080-24	PRA-B5-SI@10.5-11	14644020	1.19				
460-176080-25	PRA-B5-SD@19.5-20	19523899	1.18				
460-176080-27	PRA-B6-VD@3-3.5	13930273	1.18				
460-176080-18	PRA-B4-WT@8-8.5	15594124	1.18				
CCV 460-592235/32		17140641	1.18				
460-176080-26	PRA-B6-VS@1-1.5	17489970	1.19				
460-176080-28	PRA-B6-WT@7.5-8	15961936	1.18				
460-176080-33	PRA-B7-WT@8-8.5	18412594	1.19				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592235/2 Date Analyzed: 02/28/2019 00:21  
 Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm)  
 Lab File ID (Standard): T155872.D Heated Purge: (Y/N) N  
 Calibration ID: 73349

	BNB		AREA #	RT #	AREA #	RT #
	AREA #	RT #				
12/24 HOUR STD	15937814	1.18				
UPPER LIMIT	31875628	1.25				
LOWER LIMIT	7968907	1.11				
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-176080-38	PRA-B8-WT@8-8.5	15183824	1.18			
460-176080-43	PRA-B9-WT@8-8.5	16614721	1.18			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592235/2 Date Analyzed: 02/28/2019 00:21  
 Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm)  
 Lab File ID (Standard): T155872.D Heated Purge: (Y/N) N  
 Calibration ID: 73350

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		15955791	1.34				
UPPER LIMIT		31911582	1.41				
LOWER LIMIT		7977896	1.27				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-592235/4		17300630	1.34				
MB 460-592055/1-A		18756099	1.34				
LCS 460-592055/2-A		18010228	1.33				
LCSD 460-592055/3-A		18018570	1.33				
460-176080-3 MS	PRA-B1-WT@7.5-8 MS	13841485	1.34				
460-176080-3 MSD	PRA-B1-WT@7.5-8 MSD	17749281	1.34				
460-176080-3	PRA-B1-WT@7.5-8	16055145	1.34				
460-176080-1	PRA-B1-VS@1-1.5	14729711	1.34				
460-176080-2	PRA-B1-VD@3-3.5	17768502	1.34				
460-176080-6	PRA-B2-VS @1-1.5	15733956	1.34				
460-176080-7	PRA-B2-VD@3-3.5	15309676	1.34				
460-176080-8	PRA-B2-WT@7.5-8	15193426	1.34				
460-176080-11	PRA-B3-VS@1-1.5	15919972	1.34				
460-176080-16	PRA-B4-VS@1-1.5	14959555	1.34				
460-176080-17	PRA-B4-VD@3-3.5	13910727	1.34				
460-176080-19	PRA-B4-SI@10.5-11	16342005	1.34				
460-176080-20	PRA-B4-SD@19.5-20	14523277	1.34				
460-176080-21	PRA-B5-VS@1-1.5	14454136	1.34				
460-176080-22	PRA-B5-VD@3-3.5	15318572	1.34				
460-176080-23	PRA-B5-WT@8-8.5	16187764	1.34				
460-176080-24	PRA-B5-SI@10.5-11	14443464	1.34				
460-176080-25	PRA-B5-SD@19.5-20	16261897	1.34				
460-176080-27	PRA-B6-VD@3-3.5	12471888	1.34				
460-176080-18	PRA-B4-WT@8-8.5	15002779	1.34				
CCV 460-592235/32		16408081	1.34				
460-176080-26	PRA-B6-VS@1-1.5	13875895	1.33				
460-176080-28	PRA-B6-WT@7.5-8	15391201	1.34				
460-176080-33	PRA-B7-WT@8-8.5	14777624	1.33				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592235/2 Date Analyzed: 02/28/2019 00:21  
 Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm)  
 Lab File ID (Standard): T155872.D Heated Purge: (Y/N) N  
 Calibration ID: 73350

	BNB					
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	15955791	1.34				
UPPER LIMIT	31911582	1.41				
LOWER LIMIT	7977896	1.27				
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-176080-38	PRA-B8-WT@8-8.5	14596909	1.33			
460-176080-43	PRA-B9-WT@8-8.5	14299857	1.34			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592062/2 Date Analyzed: 02/27/2019 07:26  
 Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm)  
 Lab File ID (Standard): 7R002246.D Heated Purge: (Y/N) N  
 Calibration ID: 73003

	BNB		AREA #	RT #	AREA #	RT #
	AREA #	RT #				
12/24 HOUR STD	71305	3.39				
UPPER LIMIT	142610	3.46				
LOWER LIMIT	35653	3.32				
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-176080-54	PRA-EB-1	68914	3.38			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592062/2 Date Analyzed: 02/27/2019 07:26  
 Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm)  
 Lab File ID (Standard): 7R002246.D Heated Purge: (Y/N) N  
 Calibration ID: 73004

	BNB		AREA #	RT #	AREA #	RT #
	AREA #	RT #				
12/24 HOUR STD	33890	2.83				
UPPER LIMIT	67780	2.90				
LOWER LIMIT	16945	2.76				
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-176080-54	PRA-EB-1		28833	2.82		

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592351/2 Date Analyzed: 02/28/2019 09:58  
 Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm)  
 Lab File ID (Standard): 7R002263.D Heated Purge: (Y/N) N  
 Calibration ID: 73003

	BNB					
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	69679	3.39				
UPPER LIMIT	139358	3.46				
LOWER LIMIT	34840	3.32				
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-176080-53	DUP-3	82074	3.38			
460-176080-52	DUP-2	67526	3.38			
CCV 460-592351/17		90119	3.38			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits



FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592351/2 Date Analyzed: 02/28/2019 09:58  
 Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm)  
 Lab File ID (Standard): 7R002263.D Heated Purge: (Y/N) N  
 Calibration ID: 73004

	BNB					
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	33313	2.83				
UPPER LIMIT	66626	2.90				
LOWER LIMIT	16657	2.76				
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-176080-53	DUP-3	36661	2.82			
460-176080-52	DUP-2	29748	2.83			
CCV 460-592351/17		41320	2.82			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-594003/2 Date Analyzed: 03/08/2019 04:38  
 Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm)  
 Lab File ID (Standard): 7R002463.D Heated Purge: (Y/N) N  
 Calibration ID: 73003

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		81865	3.38				
UPPER LIMIT		163730	3.45				
LOWER LIMIT		40933	3.31				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-593932/1-A		84015	3.38				
LCS 460-593932/2-A		86958	3.38				
LCSD 460-593932/3-A		85544	3.38				
460-176621-E-9-D MS		69145	3.38				
460-176621-E-9-E MSD		57440	3.37				
460-176080-12	PRA-B3-VD@3-3.5	72605	3.37				
460-176080-13	PRA-B3-WT@8-8.5	76088	3.38				
460-176080-14	PRA-B3-SI-@9-9.5	73147	3.37				
460-176080-15	PRA-B3-SD-@19.5-20	79707	3.38				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-594003/2 Date Analyzed: 03/08/2019 04:38  
 Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm)  
 Lab File ID (Standard): 7R002463.D Heated Purge: (Y/N) N  
 Calibration ID: 73004

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		37245	2.82				
UPPER LIMIT		74490	2.89				
LOWER LIMIT		18623	2.75				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-593932/1-A		36301	2.82				
LCS 460-593932/2-A		39763	2.82				
LCSD 460-593932/3-A		38505	2.82				
460-176621-E-9-D MS		30533	2.82				
460-176621-E-9-E MSD		24663	2.82				
460-176080-12	PRA-B3-VD@3-3.5	32351	2.82				
460-176080-13	PRA-B3-WT@8-8.5	33661	2.82				
460-176080-14	PRA-B3-SI-@9-9.5	32409	2.82				
460-176080-15	PRA-B3-SD-@19.5-20	35514	2.82				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-591982/2 Date Analyzed: 02/27/2019 04:44  
 Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm)  
 Lab File ID (Standard): 8F135724.D Heated Purge: (Y/N) N  
 Calibration ID: 73078

	BNB		AREA #	RT #	AREA #	RT #
	AREA #	RT #				
12/24 HOUR STD	1751078	1.42				
UPPER LIMIT	3502156	1.49				
LOWER LIMIT	875539	1.35				
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCSD 460-591970/3-A		1562428	1.42			
LCS 460-591970/2-A		1481363	1.42			
MB 460-591970/1-A		1393966	1.42			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-591982/2 Date Analyzed: 02/27/2019 04:44  
 Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm)  
 Lab File ID (Standard): 8F135724.D Heated Purge: (Y/N) N  
 Calibration ID: 73079

	BNB		AREA #	RT #	AREA #	RT #
	AREA #	RT #				
12/24 HOUR STD	1610769	1.40				
UPPER LIMIT	3221538	1.47				
LOWER LIMIT	805385	1.33				
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCSD 460-591970/3-A		1591370	1.40			
LCS 460-591970/2-A		1514533	1.40			
MB 460-591970/1-A		1414097	1.40			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592263/2 Date Analyzed: 02/28/2019 04:57  
 Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm)  
 Lab File ID (Standard): 8F135756.D Heated Purge: (Y/N) N  
 Calibration ID: 73078

	BNB		AREA #	RT #	AREA #	RT #	AREA #	RT #
	AREA #	RT #						
12/24 HOUR STD	1870406	1.41						
UPPER LIMIT	3740812	1.48						
LOWER LIMIT	935203	1.34						
LAB SAMPLE ID	CLIENT SAMPLE ID							
MB 460-592174/1-A		1693987	1.41					
LCS 460-592174/2-A		1668234	1.42					
LCSD 460-592174/3-A		1575417	1.42					
460-176080-49	PRA-B10-SI@10.5-11	1462112	1.42					
460-176080-50	PRA-B10-SD@19.5-20	1456514	1.42					
460-176080-51	DUP-1	1575647	1.41					

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592263/2 Date Analyzed: 02/28/2019 04:57  
 Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm)  
 Lab File ID (Standard): 8F135756.D Heated Purge: (Y/N) N  
 Calibration ID: 73079

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1609868	1.40				
UPPER LIMIT		3219736	1.47				
LOWER LIMIT		804934	1.33				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-592174/1-A		1463729	1.40				
LCS 460-592174/2-A		1494633	1.40				
LCSD 460-592174/3-A		1654803	1.40				
460-176080-49	PRA-B10-SI@10.5-11	1318085	1.40				
460-176080-50	PRA-B10-SD@19.5-20	1404333	1.40				
460-176080-51	DUP-1	1478924	1.40				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592236/2 Date Analyzed: 02/27/2019 23:21  
 Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm)  
 Lab File ID (Standard): 9F003669.D Heated Purge: (Y/N) N  
 Calibration ID: 73581

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2405016	1.35				
UPPER LIMIT		4810032	1.42				
LOWER LIMIT		1202508	1.28				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-592236/3		1822081	1.35				
MB 460-592057/1-A		1587280	1.36				
LCS 460-592057/2-A		1619279	1.35				
LCSD 460-592057/3-A		1550540	1.35				
460-176080-42 MS	PRA-B9-VD@3-3.5 MS	1621795	1.35				
460-176080-42 MSD	PRA-B9-VD@3-3.5 MSD	1550954	1.35				
460-176080-42	PRA-B9-VD@3-3.5	1553913	1.36				
460-176080-29	PRA-B6-SI@10.5-11	1515280	1.36				
460-176080-30	PRA-B6-SD@19.5-20	1587164	1.35				
460-176080-31	PRA-B7-VS@1-1.5	1538868	1.35				
460-176080-32	PRA-B7-VD@3-3.5	1506000	1.35				
460-176080-34	PRA-B7-SI@10.5-11	1527581	1.36				
460-176080-35	PRA-B7-SD@19.5-20	1673209	1.36				
460-176080-36	PRA-B8-VS@1-1.5	1582550	1.36				
460-176080-37	PRA-B8-VD@3-3.5	1574697	1.36				
460-176080-39	PRA-B8-SI@10.5-11	1590715	1.36				
460-176080-40	PRA-B8-SD@19.5-20	1548869	1.36				
460-176080-41	PRA-B9-VS@1-1.5	1576086	1.36				
460-176080-44	PRA-B9-SI@10-10.5	1541015	1.36				
460-176080-45	PRA-B9-SD@19.5-20	1514641	1.36				
460-176080-46	PRA-B10-VS@1-1.5	1579172	1.36				
460-176080-47	PRA-B10-VD@3-3.5	1649893	1.36				
460-176080-48	PRA-B10-SI@8-8.5	1591612	1.36				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits



FORM VIII  
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-592236/2 Date Analyzed: 02/27/2019 23:21  
 Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm)  
 Lab File ID (Standard): 9F003669.D Heated Purge: (Y/N) N  
 Calibration ID: 73582

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		6051469	1.34				
UPPER LIMIT		12102938	1.41				
LOWER LIMIT		3025735	1.27				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-592236/3		4931417	1.34				
MB 460-592057/1-A		4380667	1.34				
LCS 460-592057/2-A		4445382	1.34				
LCSD 460-592057/3-A		4230965	1.34				
460-176080-42 MS	PRA-B9-VD@3-3.5 MS	4056371	1.35				
460-176080-42 MSD	PRA-B9-VD@3-3.5 MSD	3817328	1.35				
460-176080-42	PRA-B9-VD@3-3.5	4111868	1.35				
460-176080-29	PRA-B6-SI@10.5-11	3774320	1.35				
460-176080-30	PRA-B6-SD@19.5-20	3847847	1.34				
460-176080-31	PRA-B7-VS@1-1.5	3789214	1.34				
460-176080-32	PRA-B7-VD@3-3.5	3554051	1.34				
460-176080-34	PRA-B7-SI@10.5-11	3585651	1.35				
460-176080-35	PRA-B7-SD@19.5-20	4263218	1.35				
460-176080-36	PRA-B8-VS@1-1.5	4070500	1.35				
460-176080-37	PRA-B8-VD@3-3.5	4294044	1.35				
460-176080-39	PRA-B8-SI@10.5-11	3762366	1.35				
460-176080-40	PRA-B8-SD@19.5-20	3954078	1.35				
460-176080-41	PRA-B9-VS@1-1.5	4010099	1.35				
460-176080-44	PRA-B9-SI@10-10.5	3414218	1.35				
460-176080-45	PRA-B9-SD@19.5-20	3594281	1.35				
460-176080-46	PRA-B10-VS@1-1.5	3890715	1.35				
460-176080-47	PRA-B10-VD@3-3.5	4240925	1.35				
460-176080-48	PRA-B10-SI@8-8.5	4320718	1.35				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-WT@7.5-8 MS Lab Sample ID: 460-176080-3 MS  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 02:21 Date Analyzed (2): 02/28/2019 02:21  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.31	2.37	453	471	12.8
		2	2.72	2.69	2.75	483		
		3	2.93	2.90	2.96	488		
		4	3.22	3.19	3.25	480		
		5	3.37	3.34	3.40	502		
		6	3.44	3.41	3.47	491		
		7	3.84	3.80	3.86	474		
		8	4.27	4.24	4.30	393		
	2	1	2.36	2.33	2.39	421	414	
		2	2.78	2.75	2.81	454		
		3	3.28	3.25	3.31	471		
		4	3.43	3.39	3.45	446		
		5	3.53	3.50	3.56	407		
		6	3.96	3.93	3.99	405		
		7	4.09	4.06	4.12	356		
		8	4.45	4.41	4.47	350		
Aroclor 1260	1	1	5.26	5.23	5.29	437	531	17.8
		2	5.95	5.92	5.98	432		
		3	6.12	6.09	6.15	558		
		4	6.47	6.44	6.50	526		
		5	6.97	6.94	7.00	540		
		6	7.44	7.40	7.46	477		
		7	7.60	7.56	7.62	648		
		8	8.66	8.63	8.69	630		
	2	1	5.27	5.24	5.30	392	444	
		2	5.45	5.42	5.48	381		
		3	5.74	5.71	5.77	395		
		4	6.36	6.33	6.39	461		
		5	6.80	6.77	6.83	463		
		6	7.27	7.24	7.30	447		
		7	7.91	7.88	7.94	457		
		8	9.17	9.14	9.20	557		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-WT@7.5-8 MSD Lab Sample ID: 460-176080-3 MSD  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 02:38 Date Analyzed (2): 02/28/2019 02:38  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.31	2.37	347	364	0.4
		2	2.72	2.69	2.75	383		
		3	2.93	2.90	2.96	377		
		4	3.22	3.19	3.25	375		
		5	3.37	3.34	3.40	386		
		6	3.44	3.41	3.47	385		
		7	3.83	3.80	3.86	358		
		8	4.27	4.24	4.30	299		
	2	1	2.36	2.33	2.39	369	362	
		2	2.78	2.75	2.81	396		
		3	3.28	3.25	3.31	386		
		4	3.42	3.39	3.45	365		
		5	3.53	3.50	3.56	367		
		6	3.96	3.93	3.99	369		
		7	4.09	4.06	4.12	341		
		8	4.45	4.41	4.47	305		
Aroclor 1260	1	1	5.26	5.23	5.29	338	418	6.9
		2	5.96	5.92	5.98	332		
		3	6.12	6.09	6.15	437		
		4	6.47	6.44	6.50	399		
		5	6.97	6.94	7.00	463		
		6	7.44	7.40	7.46	359		
		7	7.59	7.56	7.62	538		
		8	8.66	8.63	8.69	479		
	2	1	5.27	5.24	5.30	347	390	
		2	5.45	5.42	5.48	336		
		3	5.74	5.71	5.77	351		
		4	6.36	6.33	6.39	408		
		5	6.80	6.77	6.83	402		
		6	7.27	7.24	7.30	393		
		7	7.91	7.88	7.94	397		
		8	9.17	9.14	9.20	488		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-VS@1-1.5 Lab Sample ID: 460-176080-16  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 04:55 Date Analyzed (2): 02/28/2019 04:55  
 GC Column (1): Rtx-CLP ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD		
				FROM	TO	PEAK	MEAN			
Aroclor 1248	1	3	3.59	3.56	3.62	973	780	17.1		
		4	3.93	3.90	3.96	637				
		5	4.33	4.30	4.36	894				
		6	4.58	4.55	4.61	712				
		7	5.04	5.01	5.07	1120				
		8	5.70	5.67	5.73	348				
		2	1	2.78	2.76	2.82			10.5	660
			2	3.29	3.26	3.32			47.3	
	3		3.67	3.66	3.72	904				
	4		3.72	3.70	3.76	977				
	5		4.09	4.08	4.14	478				
	6		4.41	4.40	4.46	891				
	7		4.45	4.44	4.50	918				
	8		5.21	5.19	5.25	1040				
	Aroclor 1260	1	1	5.26	5.23	5.29	628		660	1.5
			2	5.95	5.92	5.98	584			
3			6.12	6.09	6.15	695				
4			6.47	6.44	6.50	639				
5			6.97	6.94	7.00	684				
6			7.43	7.40	7.46	597				
7			7.59	7.56	7.62	722				
8			8.66	8.63	8.69	718				
2		1	5.27	5.24	5.30	645	650			
		2	5.45	5.42	5.48	608				
		3	5.74	5.71	5.77	623				
		4	6.36	6.33	6.39	672				
		5	6.80	6.77	6.83	642				
		6	7.27	7.24	7.30	653				
		7	7.91	7.88	7.94	635				
		8	9.17	9.14	9.20	710				

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-WT@8-8.5 Lab Sample ID: 460-176080-18  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 08:39 Date Analyzed (2): 02/28/2019 08:39  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.31	2.37	1380	2300	5.4
		2	2.72	2.69	2.75	2530		
		3	2.93	2.90	2.96	2640		
		4	3.22	3.19	3.25	2480		
		5	3.37	3.34	3.40	1920		
		6	3.84	3.80	3.86	2610		
		7	4.33	4.29	4.35	2470		
		8	4.58	4.55	4.61	2570		
	2	1	2.35	2.32	2.38	1500	2200	
		2	2.78	2.75	2.81	2520		
		3	3.28	3.25	3.31	2400		
		4	3.42	3.39	3.45	1810		
		5	3.53	3.50	3.56	2110		
		6	4.09	4.06	4.12	2490		
		7	4.41	4.38	4.44	2410		
		8	4.45	4.43	4.49	2390		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-VS@1-1.5 Lab Sample ID: 460-176080-21  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 06:21 Date Analyzed (2): 02/28/2019 06:21  
 GC Column (1): Rtx-CLP ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD		
				FROM	TO	PEAK	MEAN			
Aroclor 1248	1	2	3.23	3.19	3.25	155	210	19.4		
		3	3.59	3.56	3.62	177				
		4	3.93	3.90	3.96	193				
		5	4.35	4.30	4.36	281				
		6	4.58	4.55	4.61	222				
		7	5.04	5.01	5.07	218				
		8	5.70	5.67	5.73	224				
		2	2	3.28	3.26	3.32			213	170
	3	3.67	3.66	3.72	131					
	4	3.71	3.70	3.76	122					
	5	4.09	4.08	4.14	139					
	6	4.41	4.40	4.46	157					
	7	4.46	4.44	4.50	274					
	8	5.21	5.19	5.25	175					
	Aroclor 1260	1	1	5.26	5.23	5.29	67.8		59	
			2	5.96	5.92	5.98	63.1			
3			6.12	6.09	6.15	66.6				
4			6.47	6.44	6.50	49.6				
5			6.97	6.94	7.00	52.5				
6			7.44	7.40	7.46	43.4				
7			7.60	7.56	7.62	64.1				
8			8.67	8.63	8.69	65.8				
2		1	5.26	5.24	5.30	60.9	49			
2		5.45	5.42	5.48	57.8					
3		5.74	5.71	5.77	50.7					
4		6.36	6.33	6.39	55.5					
5		6.79	6.77	6.83	38.7					
6		7.26	7.24	7.30	45.0					
7		7.91	7.88	7.94	43.2					
8		9.17	9.14	9.20	43.8					

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-VS@1-1.5 Lab Sample ID: 460-176080-26  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 10:33 Date Analyzed (2): 02/28/2019 10:33  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.71	2.69	2.75	2370	1800	13.1
		2	3.22	3.19	3.25	1550		
		3	3.59	3.56	3.62	2130		
		4	3.93	3.90	3.96	1970		
		5	4.32	4.30	4.36	1890		
		6	4.58	4.55	4.61	1580		
		7	5.04	5.01	5.07	1550		
		8	5.70	5.67	5.73	1250		
	2	1	2.79	2.76	2.82	2060	1600	
		2	3.29	3.26	3.32	1260		
		3	3.69	3.66	3.72	1590		
		4	3.73	3.70	3.76	1830		
		5	4.11	4.08	4.14	1620		
		6	4.43	4.40	4.46	1440		
		7	4.47	4.44	4.50	1580		
		8	5.22	5.19	5.25	1150		
Aroclor 1260	1	1	5.26	5.23	5.29	605	590	19.6
		2	5.96	5.93	5.99	558		
		3	6.12	6.09	6.15	618		
		4	6.47	6.44	6.50	565		
		5	6.97	6.94	7.00	587		
		6	7.44	7.41	7.47	542		
		7	7.60	7.57	7.63	610		
		8	8.66	8.64	8.70	624		
	2	1	5.28	5.24	5.30	597	480	
		2	5.46	5.43	5.49	483		
		3	5.76	5.72	5.78	465		
		4	6.38	6.34	6.40	483		
		5	6.81	6.77	6.83	467		
		6	7.28	7.25	7.31	454		
		7	7.92	7.89	7.95	450		
		8	9.19	9.15	9.21	472		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-VD@3-3.5 Lab Sample ID: 460-176080-27  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 08:04 Date Analyzed (2): 02/28/2019 08:04  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.31	2.37	160	170	7.2
		2	2.72	2.69	2.75	132		
		3	2.93	2.90	2.96	188		
		4	3.22	3.19	3.25	145		
		5	3.37	3.34	3.40	93.6		
		6	3.84	3.80	3.86	231		
		7	4.32	4.29	4.35	210		
		8	4.58	4.55	4.61	213		
	2	1	2.36	2.32	2.38	203	180	
		2	2.78	2.75	2.81	138		
		3	3.28	3.25	3.31	168		
		4	3.42	3.39	3.45	154		
		5	3.53	3.50	3.56	219		
		6	4.09	4.06	4.12	207		
		7	4.41	4.38	4.44	197		
		8	4.45	4.43	4.49	189		



FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-WT@7.5-8 Lab Sample ID: 460-176080-28  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 10:50 Date Analyzed (2): 02/28/2019 10:50  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.31	2.37	13400	14000	0.3
		2	2.72	2.69	2.75	14400		
		3	2.93	2.90	2.96	14300		
		4	3.22	3.19	3.25	14800		
		5	3.37	3.34	3.40	14700		
		6	3.83	3.80	3.86	14200		
		7	4.32	4.29	4.35	14100		
		8	4.58	4.55	4.61	15000		
	2	1	2.35	2.32	2.38	15400	14000	
		2	2.78	2.75	2.81	14900		
		3	3.28	3.25	3.31	14700		
		4	3.42	3.39	3.45	14600		
		5	3.53	3.50	3.56	14600		
		6	4.09	4.06	4.12	14000		
		7	4.41	4.38	4.44	13300		
		8	4.46	4.43	4.49	13800		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-WT@8-8.5 Lab Sample ID: 460-176080-33  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 11:30 Date Analyzed (2): 02/28/2019 11:30  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.31	2.37	36400	45000	10.3
		2	2.71	2.69	2.75	45900		
		3	2.93	2.90	2.96	46600		
		4	3.22	3.19	3.25	45400		
		5	3.37	3.34	3.40	44400		
		6	3.83	3.80	3.86	43800		
		7	4.32	4.29	4.35	44000		
		8	4.58	4.55	4.61	50500		
	2	1	2.36	2.32	2.38	38400	40000	
		2	2.79	2.75	2.81	43100		
		3	3.29	3.25	3.31	41800		
		4	3.43	3.39	3.45	42100		
		5	3.54	3.50	3.56	41100		
		6	4.10	4.06	4.12	37900		
		7	4.43	4.38	4.44	37500		
		8	4.47	4.43	4.49	40200		
Aroclor 1260	1	1	5.26	5.23	5.29	7570	7300	17.2
		2	5.96	5.93	5.99	6820		
		3	6.12	6.09	6.15	7650		
		4	6.47	6.44	6.50	6740		
		5	6.97	6.94	7.00	7770		
		6	7.44	7.41	7.47	6460		
		7	7.60	7.57	7.63	8200		
		8	8.66	8.64	8.70	7510		
	2	1	5.28	5.24	5.30	8830	6200	
		2	5.46	5.43	5.49	6400		
		3	5.75	5.72	5.78	5720		
		4	6.37	6.34	6.40	5730		
		5	6.81	6.77	6.83	5950		
		6	7.28	7.25	7.31	5520		
		7	7.92	7.89	7.95	5520		
		8	9.18	9.15	9.21	5760		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-WT@8-8.5 Lab Sample ID: 460-176080-38  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 11:48 Date Analyzed (2): 02/28/2019 11:48  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.31	2.37	54400	59000	0.4
		2	2.72	2.69	2.75	59900		
		3	2.93	2.90	2.96	59800		
		4	3.22	3.19	3.25	60400		
		5	3.37	3.34	3.40	60900		
		6	3.83	3.80	3.86	57700		
		7	4.35	4.29	4.35	57600		
		8	4.58	4.55	4.61	60300		
	2	1	2.36	2.32	2.38	57100	59000	
		2	2.78	2.75	2.81	59900		
		3	3.28	3.25	3.31	60500		
		4	3.42	3.39	3.45	63500		
		5	3.53	3.50	3.56	63300		
		6	4.09	4.06	4.12	58300		
		7	4.41	4.38	4.44	53800		
		8	4.46	4.43	4.49	56400		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-SI@10.5-11 Lab Sample ID: 460-176080-39  
 Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9  
 Date Analyzed (1): 02/28/2019 07:22 Date Analyzed (2): 02/28/2019 07:22  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.36	2.29	2.43	193	130	12.2
		2	2.74	2.66	2.80	162		
		3	2.95	2.88	3.02	149		
		4	3.24	3.17	3.31	96.9		
		5	3.39	3.32	3.46	125		
		6	3.86	3.79	3.93	127		
		7	4.37	4.30	4.44	86.9		
		8	4.60	4.53	4.67	76.6		
	2	1	2.71	2.68	2.74	163	110	
		2	3.18	3.10	3.24	90.4		
		3	3.71	3.64	3.78	134		
		4	3.86	3.79	3.93	130		
		5	3.98	3.91	4.05	123		
		6	4.57	4.50	4.64	89.8		
		7	4.89	4.82	4.96	89.7		
		8	4.94	4.87	5.01	78.2		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-SD@19.5-20 Lab Sample ID: 460-176080-40  
 Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9  
 Date Analyzed (1): 02/28/2019 07:39 Date Analyzed (2): 02/28/2019 07:39  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.36	2.29	2.43	179	150	23.5
		2	2.74	2.66	2.80	99.1		
		3	2.93	2.88	3.02	301		
		4	3.25	3.17	3.31	128		
		5	3.41	3.32	3.46	130		
		6	3.86	3.79	3.93	249		
		7	4.37	4.30	4.44	64.7		
		8	4.60	4.53	4.67	49.6		
	2	1	2.71	2.68	2.74	184	120	
		2	3.18	3.10	3.24	48.2		
		3	3.71	3.64	3.78	150		
		4	3.86	3.79	3.93	103		
		5	3.98	3.91	4.05	184		
		6	4.57	4.50	4.64	185		
		7	4.89	4.82	4.96	41.2		
		8	4.94	4.87	5.01	51.6		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VD@3-3.5 MS Lab Sample ID: 460-176080-42 MS  
 Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9  
 Date Analyzed (1): 02/28/2019 01:19 Date Analyzed (2): 02/28/2019 01:19  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.36	2.28	2.42	505	514	11.7
		2	2.74	2.66	2.80	525		
		3	2.95	2.87	3.01	559		
		4	3.24	3.16	3.30	503		
		5	3.39	3.31	3.45	539		
		6	3.46	3.38	3.52	541		
		7	3.86	3.78	3.92	516		
		8	4.30	4.22	4.36	428		
	2	1	2.71	2.68	2.74	484	458	
		2	3.18	3.10	3.24	492		
		3	3.71	3.63	3.77	452		
		4	3.86	3.79	3.93	480		
		5	3.98	3.90	4.04	483		
		6	4.42	4.35	4.49	486		
		7	4.57	4.49	4.63	424		
		8	4.93	4.86	5.00	362		
Aroclor 1260	1	1	5.28	5.21	5.35	460	533	9.4
		2	5.98	5.90	6.04	448		
		3	6.15	6.07	6.21	595		
		4	6.50	6.42	6.56	530		
		5	7.00	6.92	7.06	532		
		6	7.47	7.39	7.53	487		
		7	7.63	7.55	7.69	630		
		8	8.70	8.62	8.76	578		
	2	1	5.79	5.76	5.82	446	485	
		2	6.01	5.93	6.07	429		
		3	6.34	6.26	6.40	426		
		4	7.04	6.97	7.11	508		
		5	7.54	7.46	7.60	489		
		6	8.06	7.98	8.12	494		
		7	8.79	8.71	8.85	502		
		8	9.90	9.83	9.97	584		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VD@3-3.5 MSD Lab Sample ID: 460-176080-42 MSD  
 Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9  
 Date Analyzed (1): 02/28/2019 01:36 Date Analyzed (2): 02/28/2019 01:36  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.36	2.28	2.42	456	420	3.2
		2	2.74	2.66	2.80	461		
		3	2.95	2.87	3.01	435		
		4	3.24	3.16	3.30	446		
		5	3.39	3.31	3.45	444		
		6	3.46	3.38	3.52	392		
		7	3.86	3.78	3.92	409		
		8	4.30	4.22	4.36	321		
	2	1	2.71	2.68	2.74	465	434	
		2	3.18	3.10	3.24	466		
		3	3.71	3.63	3.77	433		
		4	3.86	3.79	3.93	455		
		5	3.98	3.90	4.04	456		
		6	4.42	4.35	4.49	462		
		7	4.57	4.49	4.63	397		
		8	4.93	4.86	5.00	337		
Aroclor 1260	1	1	5.28	5.21	5.35	386	475	3.7
		2	5.98	5.90	6.04	388		
		3	6.15	6.07	6.21	509		
		4	6.50	6.42	6.56	462		
		5	7.00	6.92	7.06	474		
		6	7.47	7.39	7.53	434		
		7	7.63	7.55	7.69	559		
		8	8.70	8.62	8.76	587		
	2	1	5.79	5.76	5.82	409	458	
		2	6.01	5.93	6.07	405		
		3	6.33	6.26	6.40	400		
		4	7.04	6.97	7.11	478		
		5	7.54	7.46	7.60	437		
		6	8.06	7.98	8.12	467		
		7	8.79	8.71	8.85	476		
		8	9.90	9.83	9.97	588		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-WT@8-8.5 Lab Sample ID: 460-176080-43  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 12:05 Date Analyzed (2): 02/28/2019 12:05  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.31	2.37	8600	12000	12.9
		2	2.72	2.69	2.75	12200		
		3	2.93	2.90	2.96	12600		
		4	3.22	3.19	3.25	12200		
		5	3.37	3.34	3.40	12100		
		6	3.83	3.80	3.86	12300		
		7	4.32	4.29	4.35	12100		
		8	4.58	4.55	4.61	14600		
	2	1	2.35	2.32	2.38	8430	11000	
		2	2.78	2.75	2.81	11100		
		3	3.28	3.25	3.31	11000		
		4	3.42	3.39	3.45	11000		
		5	3.53	3.50	3.56	10100		
		6	4.09	4.06	4.12	11100		
		7	4.41	4.38	4.44	10600		
		8	4.45	4.43	4.49	11700		
Aroclor 1260	1	1	5.26	5.23	5.29	2830	3200	19.2
		2	5.95	5.93	5.99	2750		
		3	6.12	6.09	6.15	3260		
		4	6.47	6.44	6.50	3080		
		5	6.96	6.94	7.00	3460		
		6	7.43	7.41	7.47	2820		
		7	7.59	7.57	7.63	3640		
		8	8.66	8.64	8.70	3400		
	2	1	5.26	5.24	5.30	2880	2600	
		2	5.45	5.43	5.49	2470		
		3	5.74	5.72	5.78	2450		
		4	6.36	6.34	6.40	2640		
		5	6.79	6.77	6.83	2620		
		6	7.26	7.25	7.31	2540		
		7	7.91	7.89	7.95	2480		
		8	9.17	9.15	9.21	2740		



FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-SI@10-10.5 Lab Sample ID: 460-176080-44  
 Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9  
 Date Analyzed (1): 02/28/2019 08:29 Date Analyzed (2): 02/28/2019 08:29  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.36	2.29	2.43	864	1000	17.7
		2	2.74	2.66	2.80	1040		
		3	2.95	2.88	3.02	1070		
		4	3.24	3.17	3.31	1020		
		5	3.39	3.32	3.46	1020		
		6	3.86	3.79	3.93	987		
		7	4.37	4.30	4.44	973		
		8	4.60	4.53	4.67	1130		
	2	1	2.71	2.68	2.74	932	850	
		2	3.18	3.10	3.24	868		
		3	3.71	3.64	3.78	840		
		4	3.86	3.79	3.93	846		
		5	3.98	3.91	4.05	849		
		6	4.57	4.50	4.64	796		
		7	4.89	4.82	4.96	774		
		8	4.94	4.87	5.01	872		
Aroclor 1260	1	1	5.29	5.21	5.35	250	250	21.9
		2	5.98	5.90	6.04	219		
		3	6.15	6.07	6.21	265		
		4	6.50	6.42	6.56	249		
		5	7.00	6.92	7.06	253		
		6	7.47	7.39	7.53	230		
		7	7.63	7.55	7.69	272		
		8	8.70	8.62	8.76	234		
	2	1	5.79	5.76	5.82	222	200	
		2	6.01	5.93	6.07	176		
		3	6.33	6.26	6.40	192		
		4	7.04	6.97	7.11	199		
		5	7.54	7.46	7.60	186		
		6	8.06	7.98	8.12	200		
		7	8.79	8.71	8.85	189		
		8	9.91	9.83	9.97	218		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP-2 Lab Sample ID: 460-176080-52  
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7  
 Date Analyzed (1): 02/28/2019 15:37 Date Analyzed (2): 02/28/2019 15:37  
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	4.94	4.89	5.03	20900	32000	15.2
		2	5.59	5.54	5.68	30700		
		3	5.93	5.89	6.03	31700		
		4	6.40	6.36	6.50	31800		
		5	6.63	6.59	6.73	29300		
		6	7.34	7.29	7.43	36500		
		7	8.08	8.01	8.15	34900		
		8	8.41	8.38	8.52	38600		
	2	1	6.22	6.17	6.31	18900	27000	
		2	7.00	6.95	7.09	26000		
		3	7.82	7.77	7.91	26800		
		4	8.06	8.01	8.15	12400		
		5	8.24	8.19	8.33	27500		
		6	9.10	9.05	9.19	32000		
		7	9.55	9.50	9.64	37100		
		8	9.62	9.57	9.71	37500		
Aroclor 1260	1	1	9.37	9.30	9.44	7300	6500	7.4
		2	10.28	10.21	10.35	5930		
		3	10.49	10.42	10.56	7080		
		4	10.95	10.88	11.02	6440		
		5	11.65	11.58	11.72	6400		
		6	12.36	12.29	12.43	5720		
		7	12.62	12.56	12.70	6710		
		8	14.08	14.01	14.15	6380		
	2	1	10.85	10.79	10.93	9170	7000	
		2	11.19	11.13	11.27	7690		
		3	11.71	11.65	11.79	6770		
		4	12.96	12.90	13.04	6850		
		5	13.75	13.69	13.83	6400		
		6	14.42	14.35	14.49	6430		
		7	15.25	15.19	15.33	6100		
		8	16.35	16.28	16.42	6550		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP-3 Lab Sample ID: 460-176080-53  
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7  
 Date Analyzed (1): 02/28/2019 15:14 Date Analyzed (2): 02/28/2019 15:14  
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	4.94	4.89	5.03	181	130	6.7
		2	5.59	5.54	5.68	132		
		3	5.93	5.89	6.03	159		
		4	6.40	6.36	6.50	107		
		5	6.63	6.59	6.73	107		
		6	7.34	7.29	7.43	143		
		7	8.08	8.01	8.15	114		
		8	8.41	8.38	8.52	117		
	2	1	6.22	6.17	6.31	121	140	
		2	6.99	6.95	7.09	142		
		3	7.83	7.77	7.91	139		
		4	8.07	8.01	8.15	210		
		5	8.24	8.19	8.33	127		
		6	9.10	9.05	9.19	159		
		7	9.55	9.50	9.64	94.1		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-591970/2-A  
 Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8  
 Date Analyzed (1): 02/27/2019 13:43 Date Analyzed (2): 02/27/2019 13:43  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.44	2.41	2.47	3.06	3.12	18.7
		2	2.83	2.80	2.86	3.08		
		3	3.04	3.01	3.07	3.13		
		4	3.34	3.31	3.37	3.19		
		5	3.49	3.46	3.52	3.15		
		6	3.56	3.53	3.59	3.13		
		7	3.97	3.94	4.00	3.18		
		8	4.41	4.38	4.44	3.09		
	2	1	2.82	2.79	2.85	3.49	3.77	
		2	3.30	3.27	3.33	3.66		
		3	3.84	3.81	3.87	3.57		
		4	4.00	3.97	4.03	3.65		
		5	4.11	4.08	4.14	3.65		
		6	4.56	4.53	4.59	4.04		
		7	4.71	4.68	4.74	3.82		
		8	5.07	5.05	5.11	4.28		
Aroclor 1260	1	1	5.40	5.37	5.43	3.11	3.50	11.6
		2	6.13	6.10	6.16	3.06		
		3	6.30	6.27	6.33	3.68		
		4	6.67	6.63	6.69	3.42		
		5	7.18	7.15	7.21	3.48		
		6	7.67	7.64	7.70	3.27		
		7	7.83	7.80	7.86	3.99		
		8	8.94	8.90	8.96	3.98		
	2	1	5.96	5.93	5.99	3.82	3.93	
		2	6.18	6.15	6.21	3.61		
		3	6.52	6.49	6.55	3.63		
		4	7.26	7.23	7.29	3.98		
		5	7.78	7.75	7.81	3.74		
		6	8.31	8.29	8.35	3.85		
		7	9.07	9.04	9.10	4.16		
		8	10.08	10.05	10.11	4.66		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-591970/3-A  
 Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8  
 Date Analyzed (1): 02/27/2019 13:25 Date Analyzed (2): 02/27/2019 13:25  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.44	2.41	2.47	3.22	3.32	15.7
		2	2.83	2.80	2.86	3.22		
		3	3.04	3.01	3.07	3.33		
		4	3.34	3.31	3.37	3.39		
		5	3.49	3.46	3.52	3.36		
		6	3.56	3.53	3.59	3.44		
		7	3.97	3.94	4.00	3.40		
		8	4.41	4.38	4.44	3.17		
	2	1	2.82	2.79	2.85	3.66	3.88	
		2	3.30	3.27	3.33	3.82		
		3	3.84	3.81	3.87	3.76		
		4	4.00	3.97	4.03	3.81		
		5	4.11	4.08	4.14	3.82		
		6	4.56	4.53	4.59	3.80		
		7	4.71	4.68	4.74	3.94		
		8	5.07	5.05	5.11	4.43		
Aroclor 1260	1	1	5.40	5.37	5.43	3.26	3.70	9.8
		2	6.13	6.10	6.16	3.23		
		3	6.30	6.27	6.33	3.87		
		4	6.67	6.63	6.69	3.63		
		5	7.18	7.15	7.21	3.69		
		6	7.67	7.64	7.70	3.45		
		7	7.83	7.80	7.86	4.26		
		8	8.94	8.90	8.96	4.18		
	2	1	5.96	5.93	5.99	3.93	4.08	
		2	6.18	6.15	6.21	3.69		
		3	6.52	6.49	6.55	3.75		
		4	7.26	7.23	7.29	4.12		
		5	7.78	7.75	7.81	3.86		
		6	8.31	8.29	8.35	4.02		
		7	9.07	9.04	9.10	4.39		
		8	10.08	10.05	10.11	4.86		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592055/2-A  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 01:47 Date Analyzed (2): 02/28/2019 01:47  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.34	2.31	2.37	361	360	3.8
		2	2.72	2.69	2.75	377		
		3	2.93	2.90	2.96	372		
		4	3.22	3.19	3.25	369		
		5	3.37	3.34	3.40	381		
		6	3.44	3.41	3.47	373		
		7	3.83	3.80	3.86	353		
		8	4.27	4.24	4.30	296		
	2	1	2.36	2.33	2.39	350	347	
		2	2.78	2.75	2.81	368		
		3	3.28	3.25	3.31	384		
		4	3.43	3.39	3.45	405		
		5	3.53	3.50	3.56	359		
		6	3.96	3.93	3.99	322		
		7	4.09	4.06	4.12	312		
		8	4.44	4.41	4.47	275		
Aroclor 1260	1	1	5.26	5.23	5.29	330	419	17.4
		2	5.96	5.92	5.98	325		
		3	6.12	6.09	6.15	450		
		4	6.47	6.44	6.50	389		
		5	6.97	6.94	7.00	454		
		6	7.44	7.40	7.46	337		
		7	7.59	7.56	7.62	534		
		8	8.66	8.63	8.69	532		
	2	1	5.27	5.24	5.30	315	352	
		2	5.45	5.42	5.48	302		
		3	5.74	5.71	5.77	315		
		4	6.36	6.33	6.39	365		
		5	6.80	6.77	6.83	362		
		6	7.27	7.24	7.30	354		
		7	7.91	7.88	7.94	355		
		8	9.17	9.14	9.20	446		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592055/3-A  
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11  
 Date Analyzed (1): 02/28/2019 02:04 Date Analyzed (2): 02/28/2019 02:04  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.34	2.31	2.37	346	351	2.9
		2	2.72	2.69	2.75	369		
		3	2.93	2.90	2.96	362		
		4	3.22	3.19	3.25	362		
		5	3.37	3.34	3.40	372		
		6	3.44	3.41	3.47	361		
		7	3.83	3.80	3.86	345		
		8	4.27	4.24	4.30	289		
	2	1	2.36	2.33	2.39	347	341	
		2	2.78	2.75	2.81	374		
		3	3.28	3.25	3.31	374		
		4	3.42	3.39	3.45	369		
		5	3.53	3.50	3.56	340		
		6	3.96	3.93	3.99	327		
		7	4.09	4.06	4.12	315		
		8	4.44	4.41	4.47	281		
Aroclor 1260	1	1	5.26	5.23	5.29	323	412	14.2
		2	5.96	5.92	5.98	321		
		3	6.12	6.09	6.15	416		
		4	6.47	6.44	6.50	383		
		5	6.97	6.94	7.00	452		
		6	7.44	7.40	7.46	336		
		7	7.59	7.56	7.62	538		
		8	8.66	8.63	8.69	528		
	2	1	5.27	5.24	5.30	321	358	
		2	5.45	5.42	5.48	309		
		3	5.75	5.71	5.77	322		
		4	6.36	6.33	6.39	374		
		5	6.80	6.77	6.83	370		
		6	7.27	7.24	7.30	360		
		7	7.92	7.88	7.94	361		
		8	9.18	9.14	9.20	444		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592057/2-A  
 Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9  
 Date Analyzed (1): 02/28/2019 00:46 Date Analyzed (2): 02/28/2019 00:46  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.36	2.28	2.42	468	450	4.7
		2	2.74	2.66	2.80	506		
		3	2.95	2.87	3.01	462		
		4	3.24	3.16	3.30	441		
		5	3.39	3.31	3.45	468		
		6	3.46	3.38	3.52	458		
		7	3.86	3.78	3.92	435		
		8	4.30	4.22	4.36	366		
	2	1	2.71	2.68	2.74	506	430	
		2	3.18	3.10	3.24	471		
		3	3.71	3.63	3.77	428		
		4	3.86	3.79	3.93	450		
		5	3.98	3.90	4.04	444		
		6	4.42	4.35	4.49	433		
		7	4.57	4.49	4.63	391		
		8	4.93	4.86	5.00	317		
Aroclor 1260	1	1	5.28	5.21	5.35	390	460	1.9
		2	5.98	5.90	6.04	377		
		3	6.15	6.07	6.21	501		
		4	6.50	6.42	6.56	448		
		5	7.00	6.92	7.06	457		
		6	7.47	7.39	7.53	416		
		7	7.63	7.55	7.69	544		
		8	8.70	8.62	8.76	546		
	2	1	5.79	5.76	5.82	424	469	
		2	6.01	5.93	6.07	408		
		3	6.34	6.26	6.40	404		
		4	7.04	6.97	7.11	483		
		5	7.54	7.46	7.60	473		
		6	8.06	7.98	8.12	480		
		7	8.79	8.71	8.85	492		
		8	9.90	9.83	9.97	586		



FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592057/3-A  
 Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9  
 Date Analyzed (1): 02/28/2019 01:03 Date Analyzed (2): 02/28/2019 01:03  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.36	2.28	2.42	465	430	3.6
		2	2.74	2.66	2.80	447		
		3	2.95	2.87	3.01	435		
		4	3.24	3.16	3.30	439		
		5	3.39	3.31	3.45	450		
		6	3.46	3.38	3.52	423		
		7	3.86	3.78	3.92	422		
		8	4.30	4.22	4.36	360		
	2	1	2.71	2.68	2.74	429	446	
		2	3.18	3.10	3.24	474		
		3	3.71	3.63	3.77	451		
		4	3.86	3.79	3.93	482		
		5	3.98	3.90	4.04	489		
		6	4.42	4.35	4.49	473		
		7	4.57	4.49	4.63	424		
		8	4.93	4.86	5.00	346		
Aroclor 1260	1	1	5.28	5.21	5.35	389	481	0.8
		2	5.98	5.90	6.04	387		
		3	6.15	6.07	6.21	511		
		4	6.50	6.42	6.56	461		
		5	7.00	6.92	7.06	481		
		6	7.47	7.39	7.53	444		
		7	7.63	7.55	7.69	581		
		8	8.70	8.62	8.76	597		
	2	1	5.79	5.76	5.82	442	485	
		2	6.01	5.93	6.07	425		
		3	6.34	6.26	6.40	421		
		4	7.04	6.97	7.11	506		
		5	7.54	7.46	7.60	489		
		6	8.06	7.98	8.12	496		
		7	8.79	8.71	8.85	506		
		8	9.90	9.83	9.97	598		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592174/2-A  
 Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8  
 Date Analyzed (1): 02/28/2019 06:26 Date Analyzed (2): 02/28/2019 06:26  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.44	2.41	2.47	361	373	0.8
		2	2.83	2.79	2.85	378		
		3	3.04	3.01	3.07	374		
		4	3.34	3.31	3.37	396		
		5	3.49	3.46	3.52	395		
		6	3.56	3.53	3.59	373		
		7	3.96	3.93	3.99	388		
		8	4.41	4.38	4.44	322		
	2	1	2.82	2.79	2.85	367	376	
		2	3.30	3.27	3.33	404		
		3	3.83	3.80	3.86	383		
		4	3.99	3.96	4.02	394		
		5	4.11	4.08	4.14	390		
		6	4.56	4.53	4.59	385		
		7	4.70	4.67	4.73	358		
		8	5.07	5.04	5.10	329		
Aroclor 1260	1	1	5.40	5.37	5.43	352	407	2.6
		2	6.13	6.09	6.15	335		
		3	6.30	6.27	6.33	441		
		4	6.66	6.63	6.69	400		
		5	7.18	7.15	7.21	402		
		6	7.67	7.63	7.69	361		
		7	7.83	7.80	7.86	483		
		8	8.93	8.90	8.96	480		
	2	1	5.95	5.92	5.98	369	397	
		2	6.18	6.15	6.21	357		
		3	6.52	6.49	6.55	350		
		4	7.25	7.22	7.28	406		
		5	7.77	7.74	7.80	371		
		6	8.31	8.28	8.34	389		
		7	9.06	9.03	9.09	415		
		8	10.07	10.04	10.10	515		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592174/3-A  
 Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8  
 Date Analyzed (1): 02/28/2019 06:44 Date Analyzed (2): 02/28/2019 06:44  
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.44	2.41	2.47	328	330	16.9
		2	2.83	2.79	2.85	342		
		3	3.04	3.01	3.07	340		
		4	3.34	3.31	3.37	345		
		5	3.49	3.46	3.52	343		
		6	3.56	3.53	3.59	327		
		7	3.96	3.93	3.99	335		
		8	4.41	4.38	4.44	278		
	2	1	2.82	2.79	2.85	382	391	
		2	3.30	3.27	3.33	420		
		3	3.83	3.80	3.86	401		
		4	3.99	3.96	4.02	412		
		5	4.11	4.08	4.14	406		
		6	4.56	4.53	4.59	396		
		7	4.70	4.67	4.73	368		
		8	5.07	5.04	5.10	338		
Aroclor 1260	1	1	5.40	5.37	5.43	312	369	15.2
		2	6.13	6.09	6.15	301		
		3	6.30	6.27	6.33	395		
		4	6.66	6.63	6.69	363		
		5	7.18	7.15	7.21	365		
		6	7.67	7.63	7.69	329		
		7	7.83	7.80	7.86	442		
		8	8.93	8.90	8.96	445		
	2	1	5.95	5.92	5.98	393	430	
		2	6.18	6.15	6.21	382		
		3	6.52	6.49	6.55	374		
		4	7.25	7.22	7.28	460		
		5	7.77	7.74	7.80	428		
		6	8.31	8.28	8.34	413		
		7	9.06	9.03	9.09	439		
		8	10.07	10.04	10.10	548		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-593932/2-A  
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7  
 Date Analyzed (1): 03/08/2019 06:55 Date Analyzed (2): 03/08/2019 06:55  
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	4.94	4.86	5.00	310	313	5.3
		2	5.58	5.51	5.65	325		
		3	5.93	5.86	6.00	316		
		4	6.40	6.33	6.47	328		
		5	6.63	6.56	6.70	326		
		6	6.73	6.66	6.80	311		
		7	7.34	7.26	7.40	337		
		8	7.98	7.91	8.05	252		
	2	1	6.22	6.15	6.29	256	297	
		2	7.00	6.93	7.07	282		
		3	7.82	7.75	7.89	302		
		4	8.06	7.99	8.13	382		
		5	8.24	8.17	8.31	340		
		6	8.89	8.82	8.96	286		
		7	9.10	9.03	9.17	294		
		8	9.61	9.55	9.69	233		
Aroclor 1260	1	1	9.37	9.30	9.44	317	357	0.3
		2	10.27	10.20	10.34	290		
		3	10.49	10.42	10.56	369		
		4	10.95	10.88	11.02	346		
		5	11.64	11.57	11.71	352		
		6	12.35	12.28	12.42	316		
		7	12.61	12.54	12.68	428		
		8	14.07	14.00	14.14	436		
	2	1	10.85	10.78	10.92	331	358	
		2	11.19	11.12	11.26	333		
		3	11.71	11.63	11.77	326		
		4	12.96	12.89	13.03	375		
		5	13.75	13.68	13.82	373		
		6	14.41	14.34	14.48	355		
		7	15.24	15.18	15.32	347		
		8	16.34	16.27	16.41	422		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-593932/3-A  
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7  
 Date Analyzed (1): 03/08/2019 07:18 Date Analyzed (2): 03/08/2019 07:18  
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	4.93	4.86	5.00	322	326	9.4
		2	5.58	5.51	5.65	339		
		3	5.93	5.86	6.00	328		
		4	6.40	6.33	6.47	343		
		5	6.63	6.56	6.70	340		
		6	6.73	6.66	6.80	321		
		7	7.33	7.26	7.40	353		
		8	7.98	7.91	8.05	260		
	2	1	6.22	6.15	6.29	265	296	
		2	7.00	6.93	7.07	252		
		3	7.82	7.75	7.89	312		
		4	8.06	7.99	8.13	386		
		5	8.24	8.17	8.31	342		
		6	8.89	8.82	8.96	288		
		7	9.10	9.03	9.17	295		
		8	9.61	9.55	9.69	232		
Aroclor 1260	1	1	9.37	9.30	9.44	331	368	0.1
		2	10.27	10.20	10.34	303		
		3	10.49	10.42	10.56	387		
		4	10.94	10.88	11.02	355		
		5	11.64	11.57	11.71	367		
		6	12.35	12.28	12.42	329		
		7	12.61	12.54	12.68	444		
		8	14.07	14.00	14.14	428		
	2	1	10.85	10.78	10.92	341	368	
		2	11.19	11.12	11.26	343		
		3	11.71	11.63	11.77	335		
		4	12.96	12.89	13.03	385		
		5	13.75	13.68	13.82	383		
		6	14.41	14.34	14.48	364		
		7	15.24	15.18	15.32	361		
		8	16.34	16.27	16.41	434		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: 460-176621-E-9-D MS  
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7  
 Date Analyzed (1): 03/08/2019 08:05 Date Analyzed (2): 03/08/2019 08:05  
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	4.93	4.86	5.00	362	372	12.9
		2	5.58	5.51	5.65	393		
		3	5.93	5.86	6.00	376		
		4	6.40	6.33	6.47	390		
		5	6.63	6.56	6.70	388		
		6	6.73	6.66	6.80	363		
		7	7.33	7.26	7.40	405		
		8	7.98	7.91	8.05	298		
	2	1	6.21	6.15	6.29	295	327	
		2	7.00	6.93	7.07	297		
		3	7.82	7.75	7.89	333		
		4	8.06	7.99	8.13	405		
		5	8.24	8.17	8.31	362		
		6	8.89	8.82	8.96	319		
		7	9.10	9.03	9.17	333		
		8	9.61	9.55	9.69	271		
Aroclor 1260	1	1	9.37	9.30	9.44	377	419	2.1
		2	10.27	10.20	10.34	342		
		3	10.49	10.42	10.56	444		
		4	10.94	10.88	11.02	405		
		5	11.64	11.57	11.71	416		
		6	12.35	12.28	12.42	372		
		7	12.61	12.54	12.68	499		
		8	14.07	14.00	14.14	497		
	2	1	10.85	10.78	10.92	383	410	
		2	11.19	11.12	11.26	381		
		3	11.70	11.63	11.77	374		
		4	12.96	12.89	13.03	428		
		5	13.74	13.68	13.82	427		
		6	14.41	14.34	14.48	407		
		7	15.24	15.18	15.32	400		
		8	16.34	16.27	16.41	480		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: 460-176621-E-9-E MSD  
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7  
 Date Analyzed (1): 03/08/2019 08:28 Date Analyzed (2): 03/08/2019 08:28  
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	4.93	4.86	5.00	404	413	12.4
		2	5.58	5.51	5.65	433		
		3	5.93	5.86	6.00	407		
		4	6.40	6.33	6.47	434		
		5	6.63	6.56	6.70	429		
		6	6.73	6.66	6.80	406		
		7	7.33	7.26	7.40	453		
		8	7.98	7.91	8.05	334		
	2	1	6.21	6.15	6.29	315	364	
		2	7.00	6.93	7.07	314		
		3	7.82	7.75	7.89	358		
		4	8.06	7.99	8.13	431		
		5	8.24	8.17	8.31	376		
		6	8.89	8.82	8.96	354		
		7	9.10	9.03	9.17	392		
		8	9.61	9.55	9.69	375		
Aroclor 1260	1	1	9.36	9.30	9.44	415	468	4.2
		2	10.27	10.20	10.34	382		
		3	10.49	10.42	10.56	499		
		4	10.94	10.88	11.02	457		
		5	11.64	11.57	11.71	463		
		6	12.35	12.28	12.42	416		
		7	12.61	12.54	12.68	559		
		8	14.07	14.00	14.14	550		
	2	1	10.85	10.78	10.92	422	449	
		2	11.19	11.12	11.26	423		
		3	11.70	11.63	11.77	412		
		4	12.96	12.89	13.03	467		
		5	13.74	13.68	13.82	467		
		6	14.41	14.34	14.48	443		
		7	15.24	15.18	15.32	429		
		8	16.34	16.27	16.41	525		

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B1-VS@1-1.5</u>	Lab Sample ID: <u>460-176080-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T155882.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 08:30</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>02/27/2019 08:41</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>02/28/2019 03:12</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>17.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>592235</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155882.D  
 Lims ID: 460-176080-A-1-A  
 Client ID: PRA-B1-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 03:12:59 ALS Bottle#: 52 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-012  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:33:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	14773023	20.0	
2	1.335	1.334	0.001	14729711	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.055	10.055	0.000	46072197	58.2	
2	9.640	9.633	0.007	43634579	63.4	
RPD = 8.53						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155882.D

Injection Date: 28-Feb-2019 03:12:59

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-1-A

Lab Sample ID: 460-176080-1

Worklist Smp#: 12

Client ID: PRA-B1-VS@1-1.5

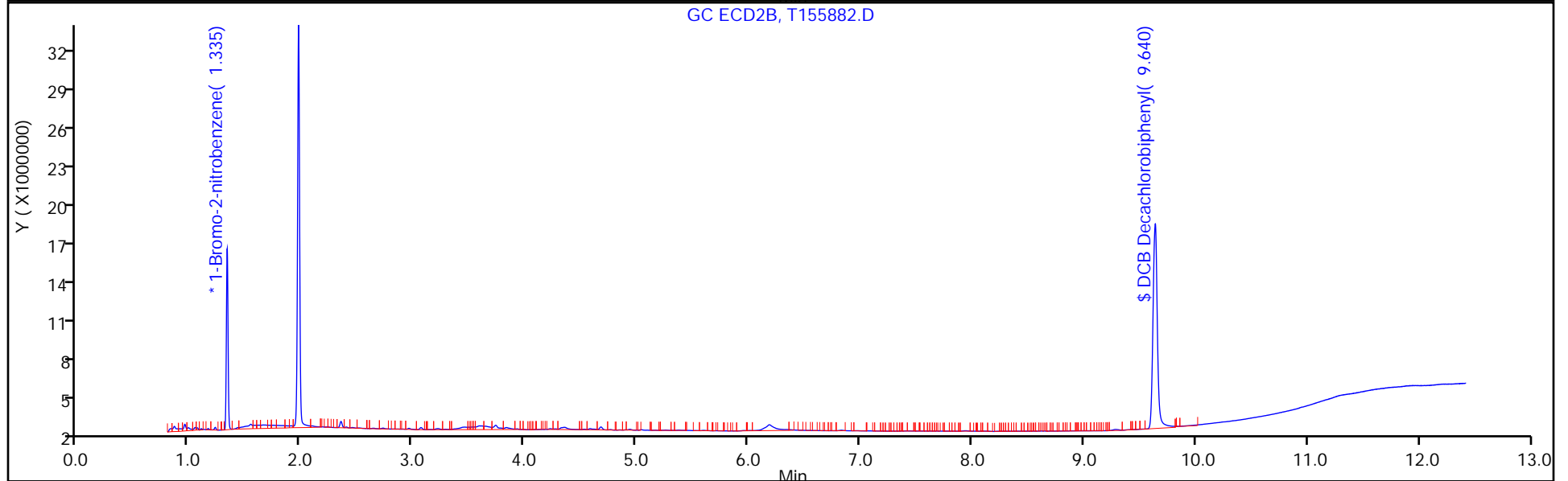
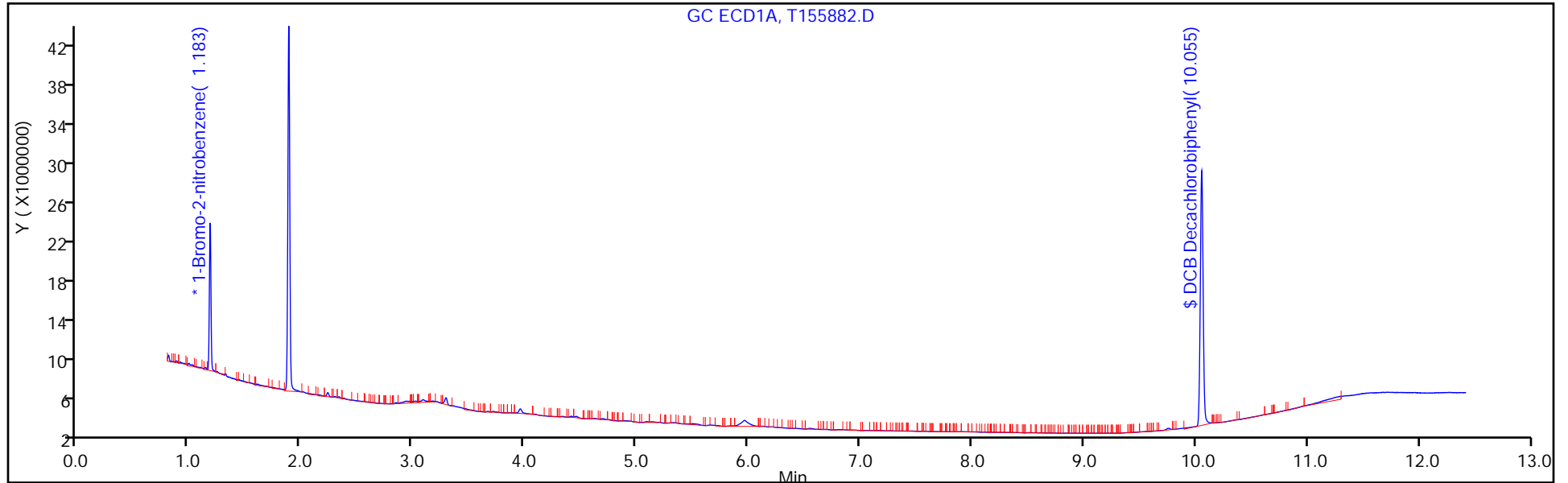
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 52

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-VS@1-1.5 Lab Sample ID: 460-176080-1  
 Matrix: Solid Lab File ID: T155882.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 08:30  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 03:12  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 17.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	81	11
11104-28-2	Aroclor 1221	11	U	81	11
11141-16-5	Aroclor 1232	11	U	81	11
53469-21-9	Aroclor 1242	11	U	81	11
12672-29-6	Aroclor 1248	11	U	81	11
11097-69-1	Aroclor 1254	11	U	81	11
11096-82-5	Aroclor 1260	11	U	81	11
37324-23-5	Aroclor 1262	11	U	81	11
11100-14-4	Aroclor 1268	11	U	81	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155882.D  
 Lims ID: 460-176080-A-1-A  
 Client ID: PRA-B1-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 03:12:59 ALS Bottle#: 52 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-012  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:33:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	14773023	20.0	
2	1.335	1.334	0.001	14729711	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.055	10.055	0.000	46072197	58.2	
2	9.640	9.633	0.007	43634579	63.4	
RPD = 8.53						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155882.D

Injection Date: 28-Feb-2019 03:12:59

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-1-A

Lab Sample ID: 460-176080-1

Worklist Smp#: 12

Client ID: PRA-B1-VS@1-1.5

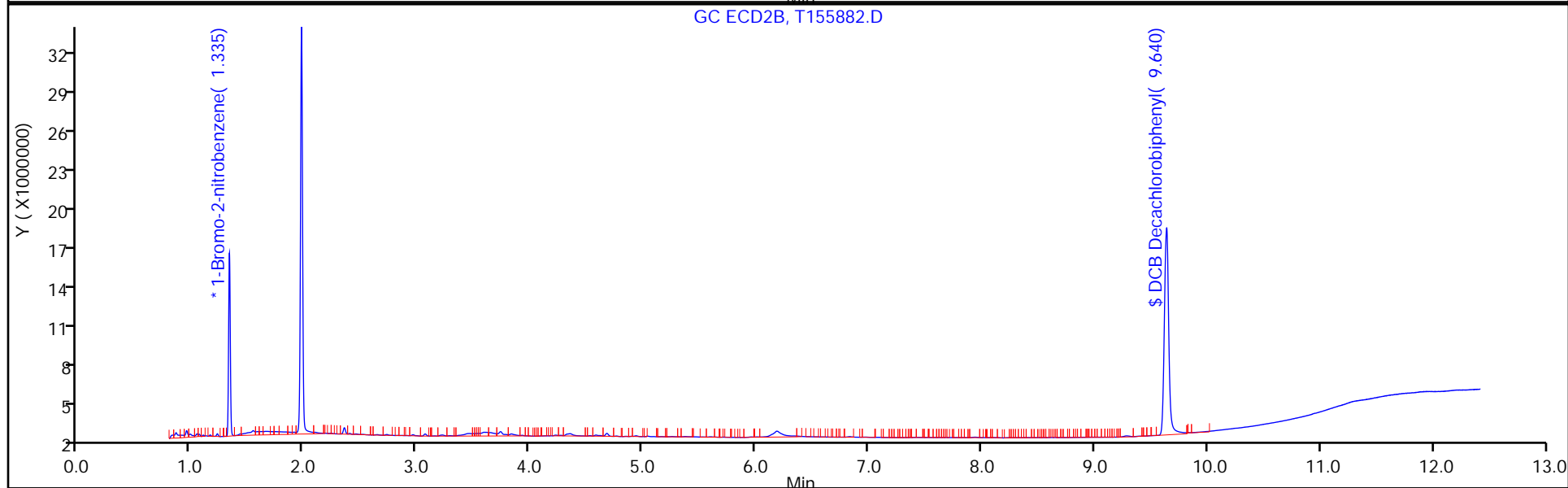
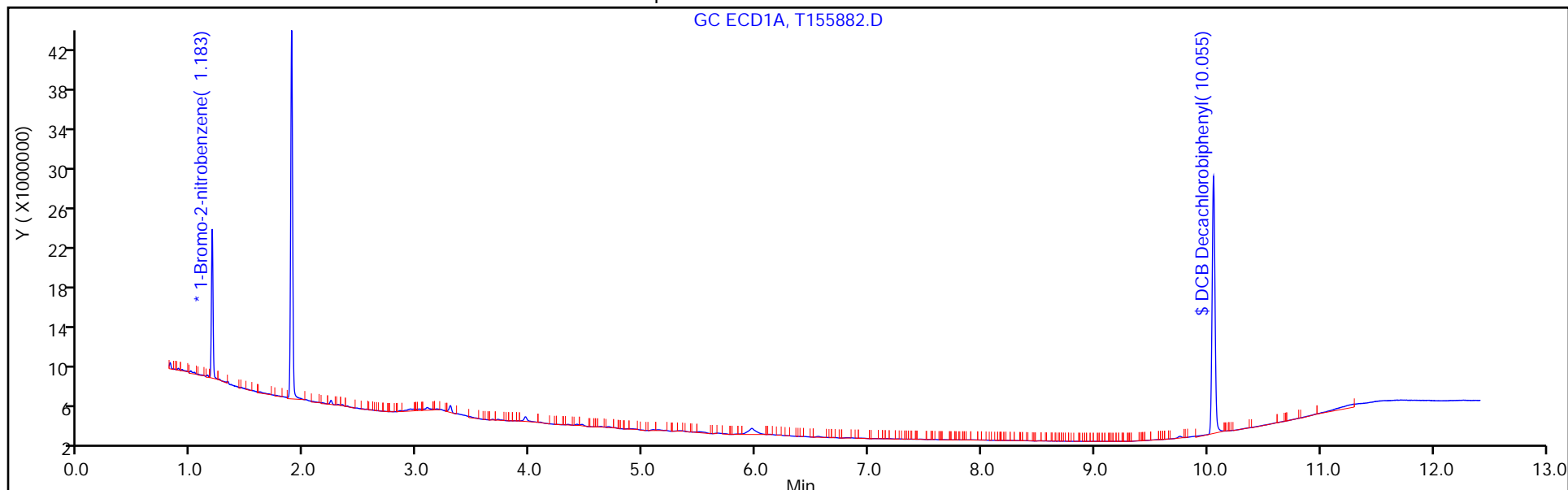
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 52

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B1-VD@3-3.5</u>	Lab Sample ID: <u>460-176080-2</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T155883.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 08:35</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>02/27/2019 08:41</u>
Sample wt/vol: <u>15.00 (g)</u>	Date Analyzed: <u>02/28/2019 03:30</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>19.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>592235</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155883.D  
 Lims ID: 460-176080-A-2-A  
 Client ID: PRA-B1-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 03:30:07 ALS Bottle#: 53 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-013  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:33:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	14799892	20.0	
2	1.336	1.334	0.002	17768502	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.055	10.055	0.000	44990827	56.7	
2	9.637	9.633	0.004	43119238	51.9	
RPD = 8.84						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155883.D

Injection Date: 28-Feb-2019 03:30:07

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-2-A

Lab Sample ID: 460-176080-2

Worklist Smp#: 13

Client ID: PRA-B1-VD@3-3.5

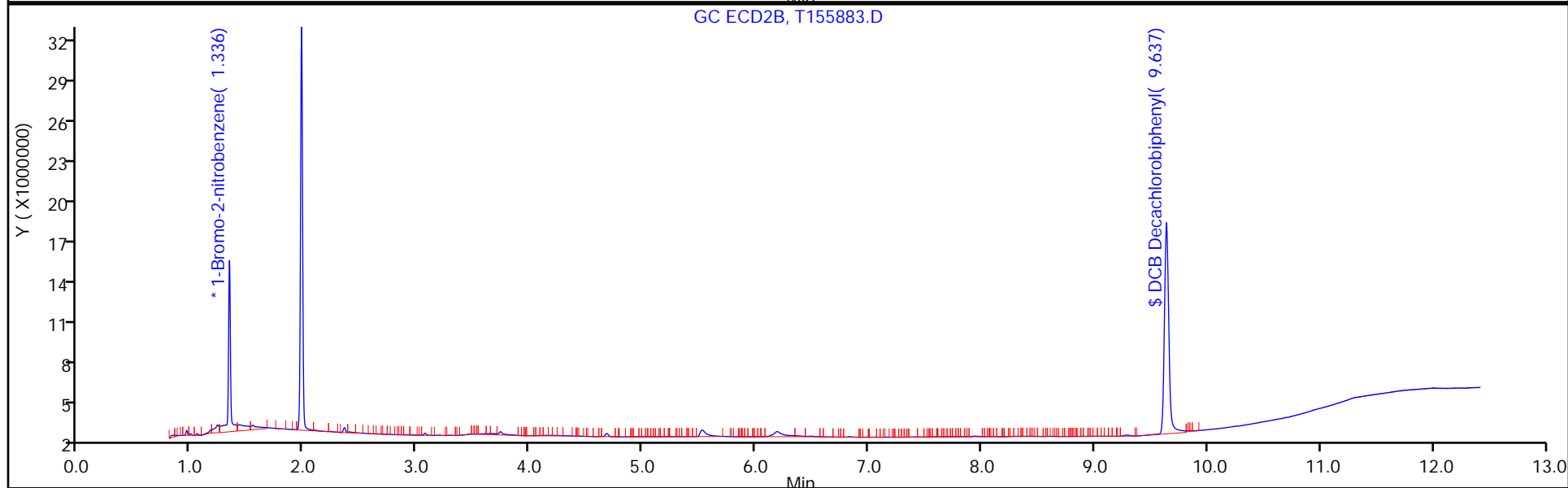
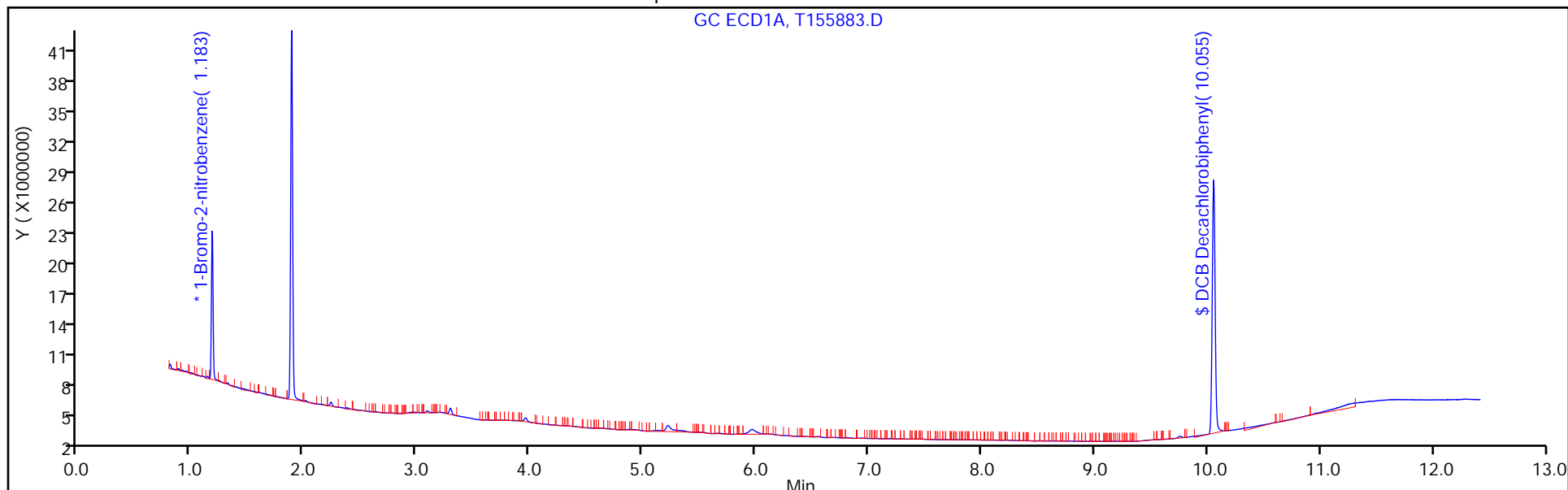
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 53

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-VD@3-3.5 Lab Sample ID: 460-176080-2  
 Matrix: Solid Lab File ID: T155883.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 08:35  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.00(g) Date Analyzed: 02/28/2019 03:30  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 19.3 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	83	11
11104-28-2	Aroclor 1221	11	U	83	11
11141-16-5	Aroclor 1232	11	U	83	11
53469-21-9	Aroclor 1242	11	U	83	11
12672-29-6	Aroclor 1248	11	U	83	11
11097-69-1	Aroclor 1254	11	U	83	11
11096-82-5	Aroclor 1260	11	U	83	11
37324-23-5	Aroclor 1262	11	U	83	11
11100-14-4	Aroclor 1268	11	U	83	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155883.D  
 Lims ID: 460-176080-A-2-A  
 Client ID: PRA-B1-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 03:30:07 ALS Bottle#: 53 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-013  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:33:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	14799892	20.0	
2	1.336	1.334	0.002	17768502	20.0	
						RPD = 0.00

\$ 11 DCB Decachlorobiphenyl

1	10.055	10.055	0.000	44990827	56.7	
2	9.637	9.633	0.004	43119238	51.9	
						RPD = 8.84

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155883.D

Injection Date: 28-Feb-2019 03:30:07

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-2-A

Lab Sample ID: 460-176080-2

Worklist Smp#: 13

Client ID: PRA-B1-VD@3-3.5

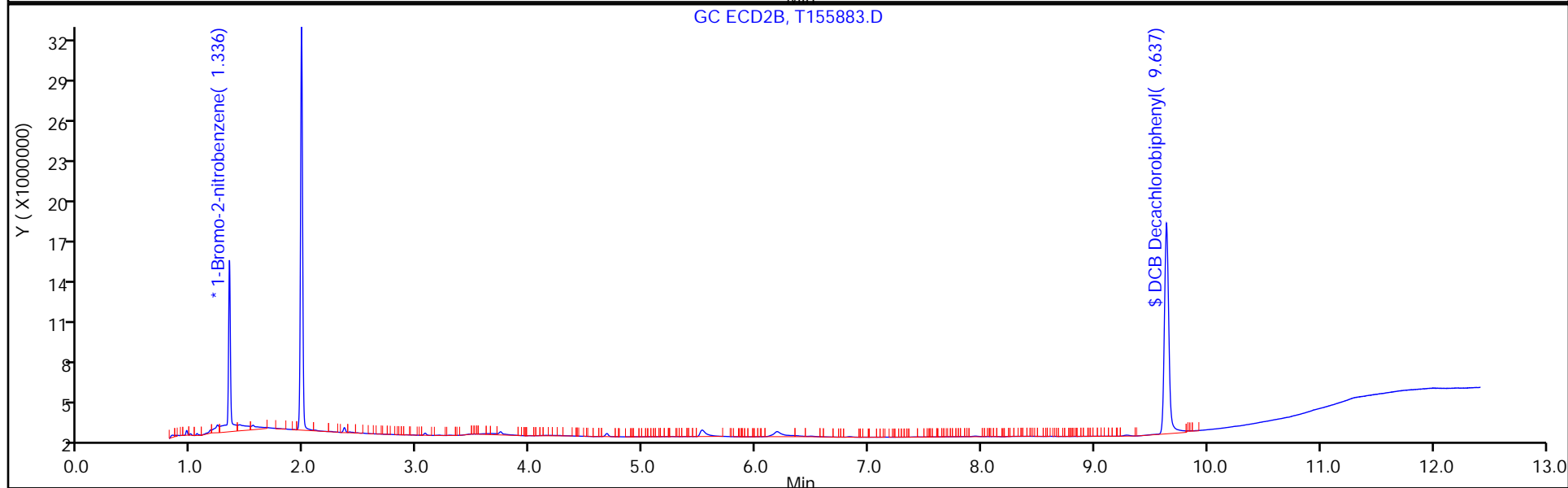
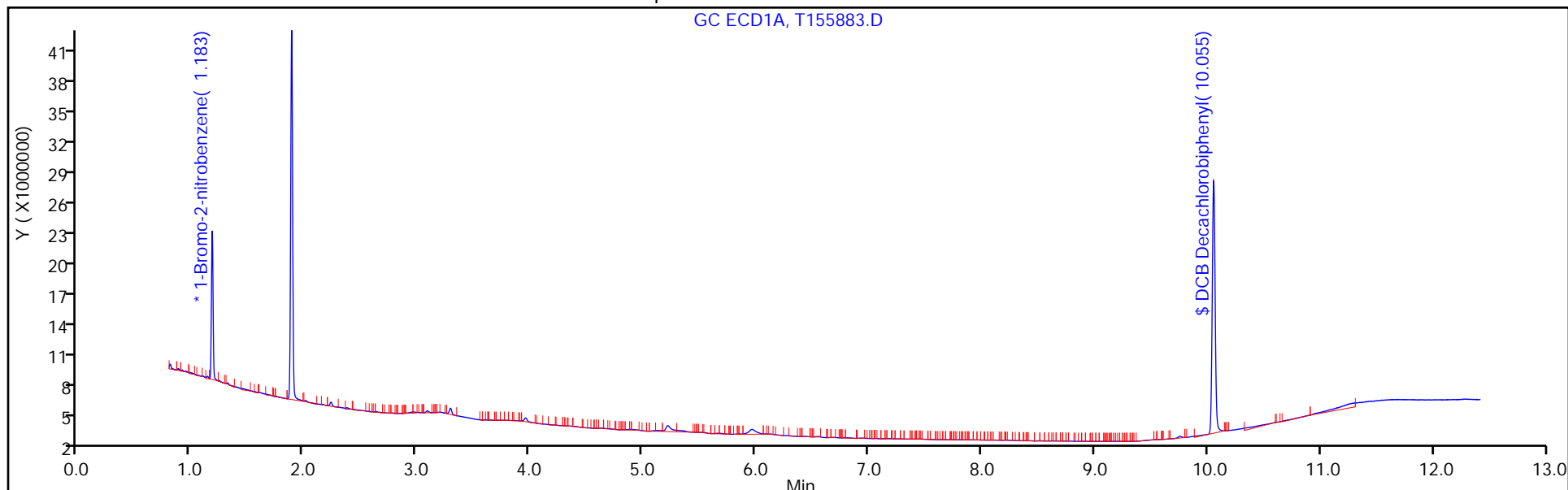
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 53

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-WT@7.5-8 Lab Sample ID: 460-176080-3  
 Matrix: Solid Lab File ID: T155881.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 08:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 02:55  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: 11.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155881.D  
 Lims ID: 460-176080-A-3-C  
 Client ID: PRA-B1-WT@7.5-8  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 02:55:49 ALS Bottle#: 51 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-011  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:33:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	15068329	20.0	
2	1.335	1.334	0.001	16055145	20.0	
						RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	1.886	1.886	0.000	44489382	58.1	
2	1.975	1.973	0.002	39329928	50.1	
						RPD = 14.76

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155881.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\$ 11 DCB Decachlorobiphenyl

1 10.055 10.055 0.000 44376831 55.0

2 9.637 9.633 0.004 42052077 56.1

RPD = 1.96

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155881.D

Injection Date: 28-Feb-2019 02:55:49

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-3-C

Lab Sample ID: 460-176080-3

Worklist Smp#: 11

Client ID: PRA-B1-WT@7.5-8

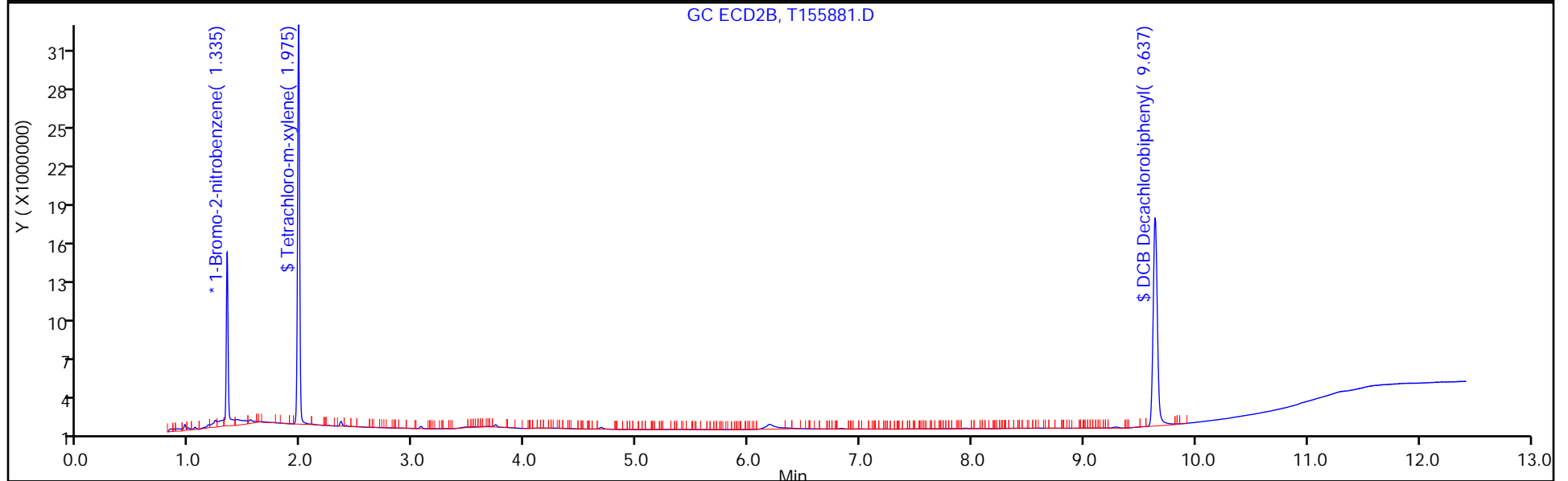
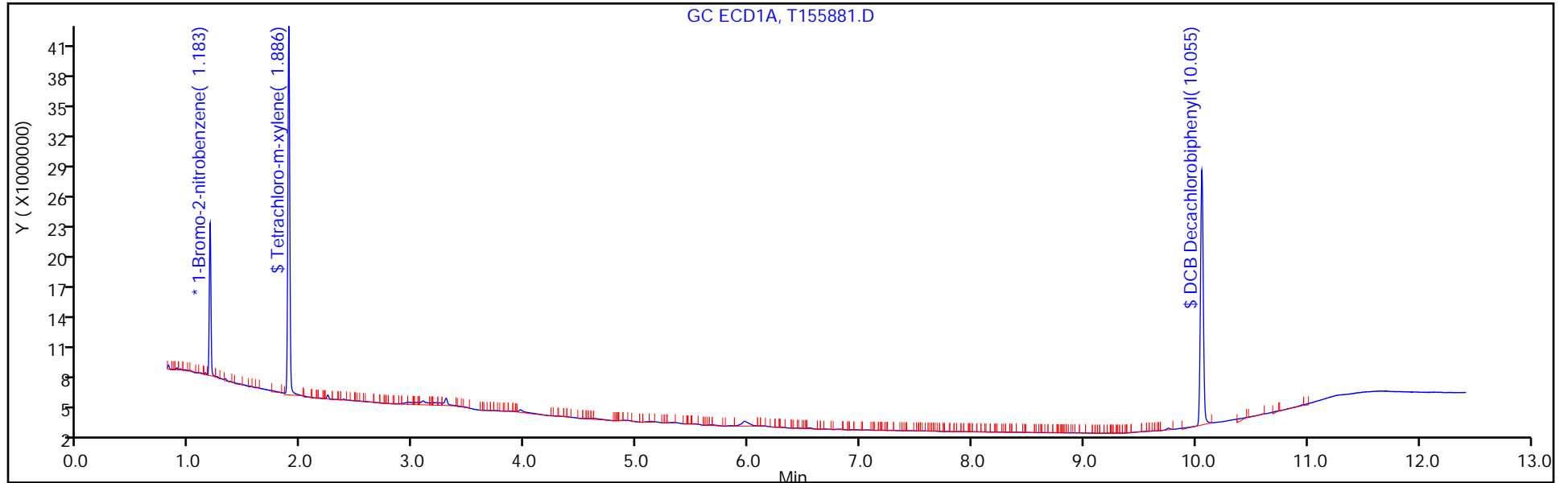
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 51

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-WT@7.5-8 Lab Sample ID: 460-176080-3  
 Matrix: Solid Lab File ID: T155881.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 08:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 02:55  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 11.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	76	10
11104-28-2	Aroclor 1221	10	U	76	10
11141-16-5	Aroclor 1232	10	U	76	10
53469-21-9	Aroclor 1242	10	U	76	10
12672-29-6	Aroclor 1248	10	U	76	10
11097-69-1	Aroclor 1254	10	U	76	10
11096-82-5	Aroclor 1260	10	U	76	10
37324-23-5	Aroclor 1262	10	U	76	10
11100-14-4	Aroclor 1268	10	U	76	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155881.D  
 Lims ID: 460-176080-A-3-C  
 Client ID: PRA-B1-WT@7.5-8  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 02:55:49 ALS Bottle#: 51 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-011  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:33:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	15068329	20.0	
2	1.335	1.334	0.001	16055145	20.0	
						RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	1.886	1.886	0.000	44489382	58.1	
2	1.975	1.973	0.002	39329928	50.1	
						RPD = 14.76

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155881.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\$ 11 DCB Decachlorobiphenyl

1	10.055	10.055	0.000	44376831	55.0
2	9.637	9.633	0.004	42052077	56.1

RPD = 1.96

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155881.D

Injection Date: 28-Feb-2019 02:55:49

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-3-C

Lab Sample ID: 460-176080-3

Worklist Smp#: 11

Client ID: PRA-B1-WT@7.5-8

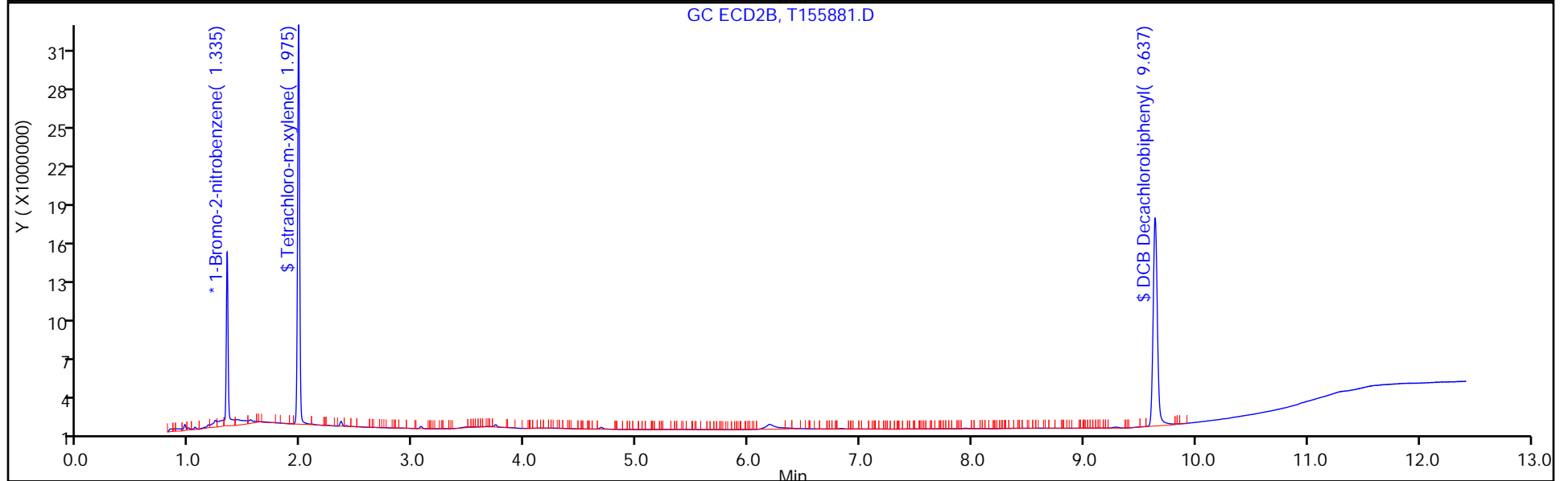
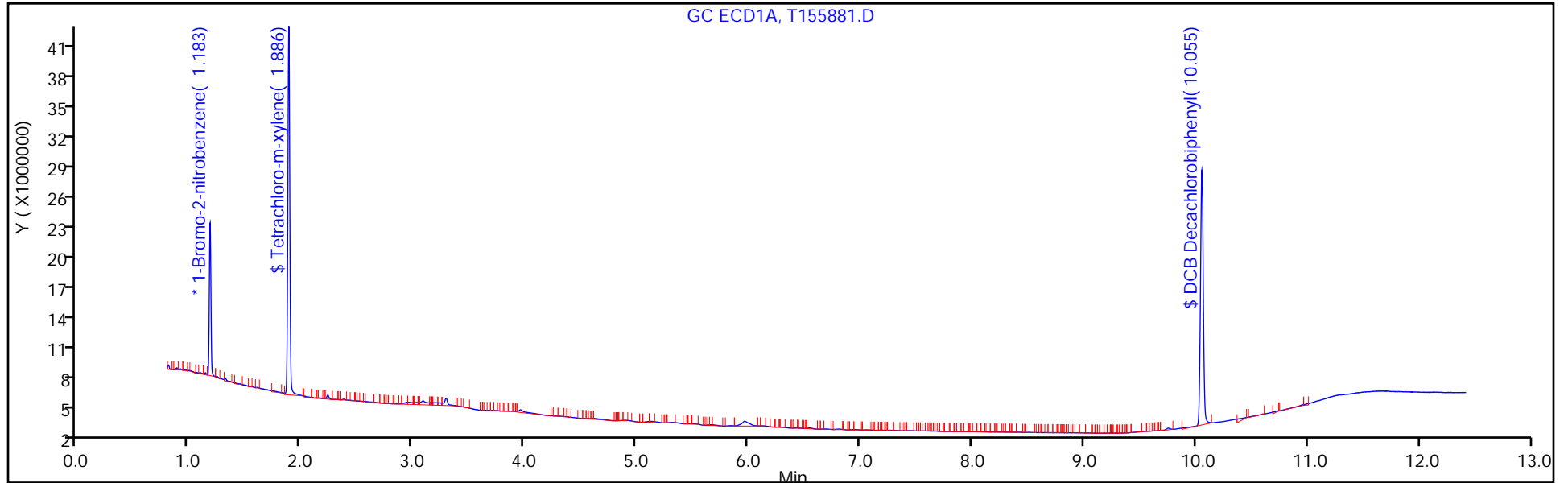
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 51

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B2-VS @1-1.5</u>	Lab Sample ID: <u>460-176080-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T155884.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 09:35</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>02/27/2019 08:41</u>
Sample wt/vol: <u>15.02 (g)</u>	Date Analyzed: <u>02/28/2019 03:47</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>13.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>592235</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155884.D  
 Lims ID: 460-176080-A-6-A  
 Client ID: PRA-B2-VS @1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 03:47:15 ALS Bottle#: 54 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-014  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:09:38 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.183 1.185 -0.002 14729751 20.0  
 2 1.335 1.332 0.003 15733956 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.055 10.068 -0.013 44944519 57.0  
 2 9.640 9.642 -0.002 41755608 56.8  
 RPD = 0.28

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155884.D

Injection Date: 28-Feb-2019 03:47:15

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-6-A

Lab Sample ID: 460-176080-6

Worklist Smp#: 14

Client ID: PRA-B2-VS @1-1.5

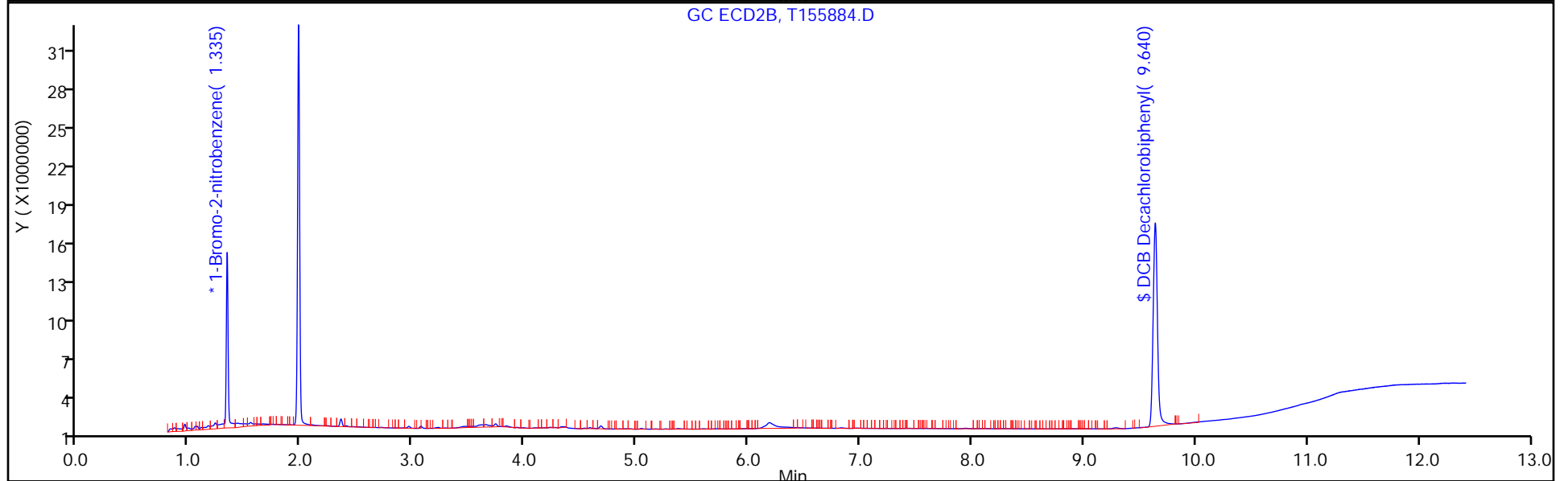
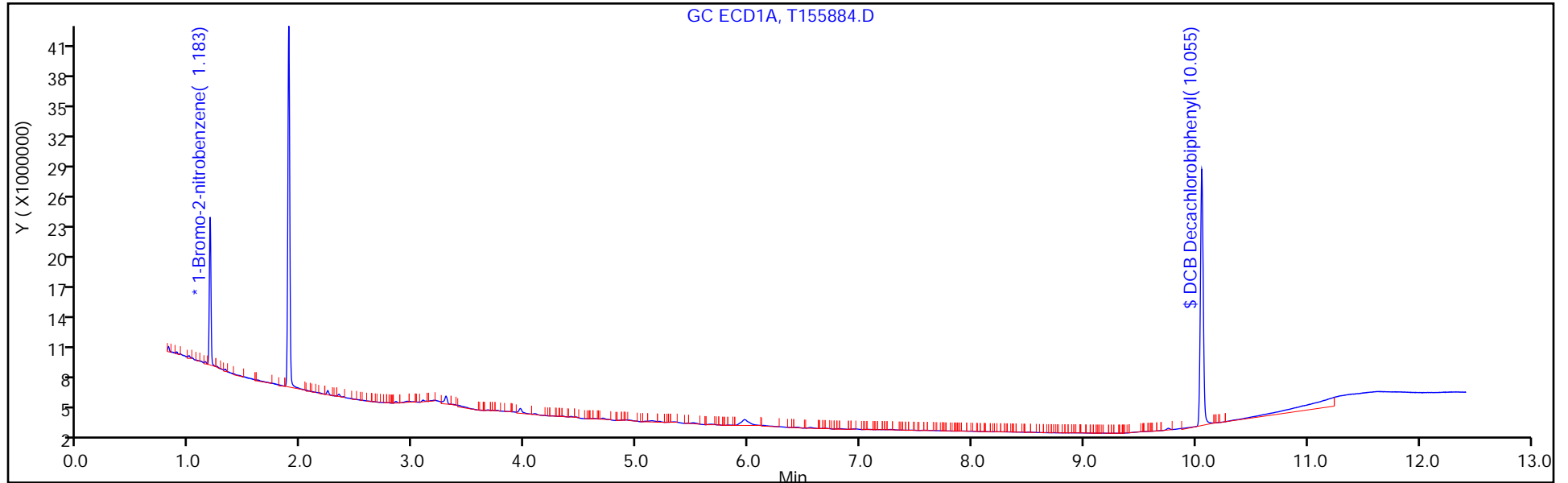
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 54

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B2-VS @1-1.5 Lab Sample ID: 460-176080-6  
 Matrix: Solid Lab File ID: T155884.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 09:35  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 03:47  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 13.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	78	10
11104-28-2	Aroclor 1221	10	U	78	10
11141-16-5	Aroclor 1232	10	U	78	10
53469-21-9	Aroclor 1242	10	U	78	10
12672-29-6	Aroclor 1248	10	U	78	10
11097-69-1	Aroclor 1254	11	U	78	11
11096-82-5	Aroclor 1260	11	U	78	11
37324-23-5	Aroclor 1262	11	U	78	11
11100-14-4	Aroclor 1268	11	U	78	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155884.D  
 Lims ID: 460-176080-A-6-A  
 Client ID: PRA-B2-VS @1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 03:47:15 ALS Bottle#: 54 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-014  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:09:38 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.183 1.185 -0.002 14729751 20.0  
 2 1.335 1.332 0.003 15733956 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.055 10.068 -0.013 44944519 57.0  
 2 9.640 9.642 -0.002 41755608 56.8  
 RPD = 0.28

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155884.D

Injection Date: 28-Feb-2019 03:47:15

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-6-A

Lab Sample ID: 460-176080-6

Worklist Smp#: 14

Client ID: PRA-B2-VS @1-1.5

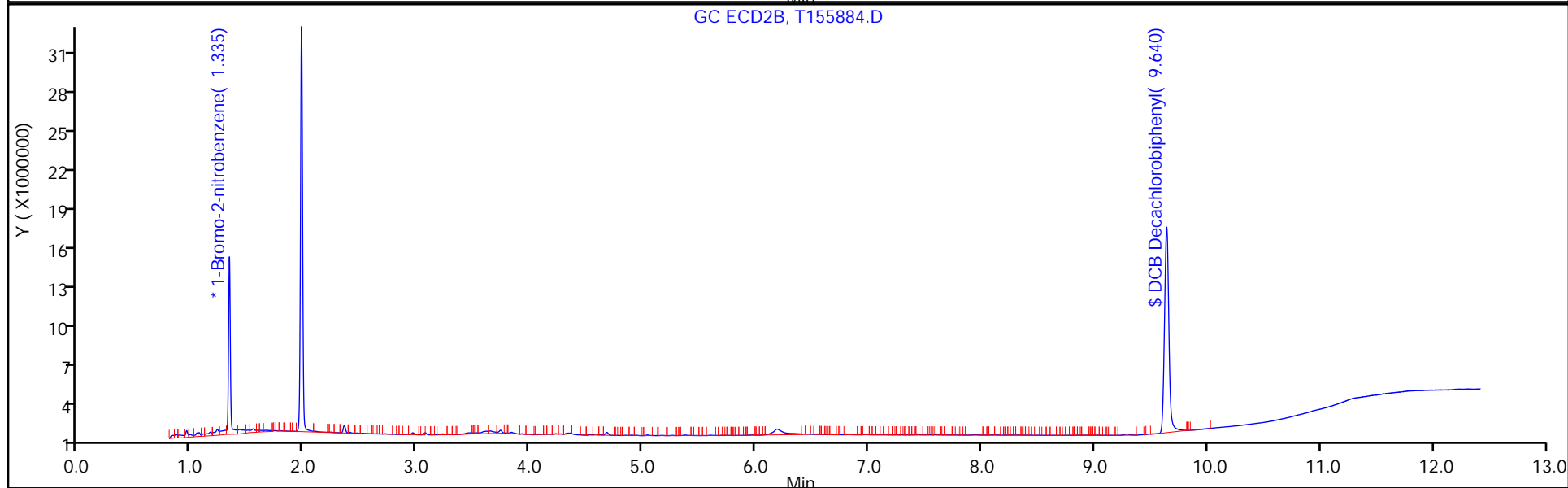
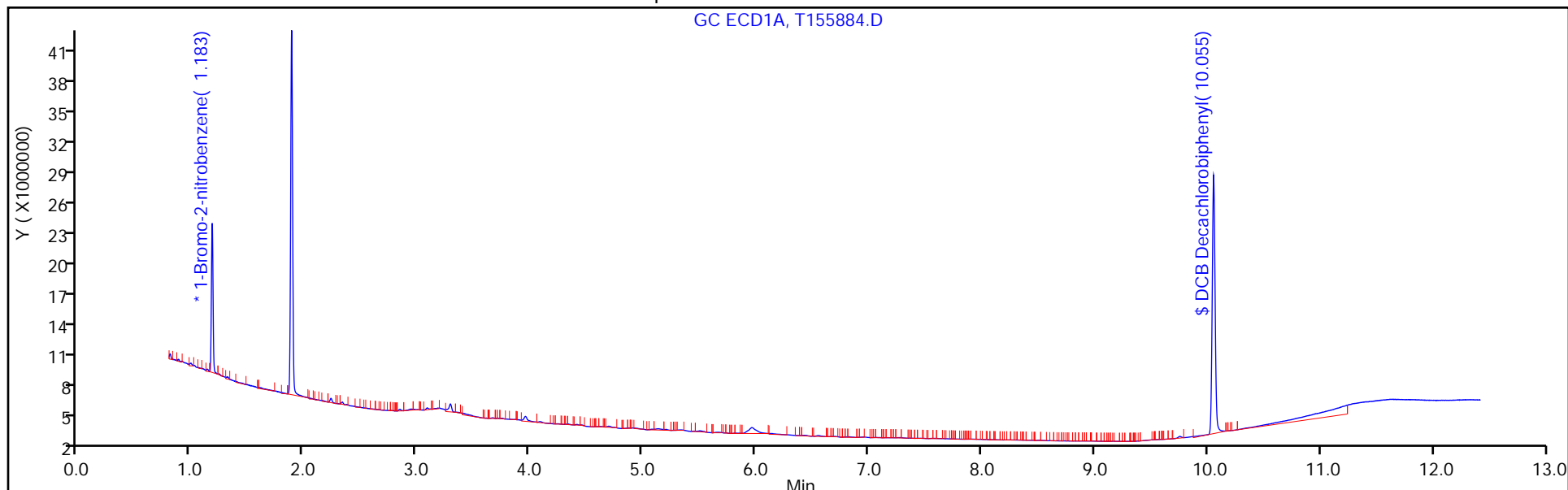
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 54

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B2-VD@3-3.5 Lab Sample ID: 460-176080-7  
 Matrix: Solid Lab File ID: T155885.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 09:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 04:04  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 6.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155885.D  
 Lims ID: 460-176080-A-7-A  
 Client ID: PRA-B2-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:04:23 ALS Bottle#: 55 Worklist Smp#: 15  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-015  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:33:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	14789276	20.0
2	1.335	1.334	0.001	15309676	20.0
RPD = 0.00					

\$ 11 DCB Decachlorobiphenyl

1	10.055	10.055	0.000	41342295	52.2
2	9.637	9.633	0.004	39588872	55.3
RPD = 5.89					

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155885.D

Injection Date: 28-Feb-2019 04:04:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-7-A

Lab Sample ID: 460-176080-7

Worklist Smp#: 15

Client ID: PRA-B2-VD@3-3.5

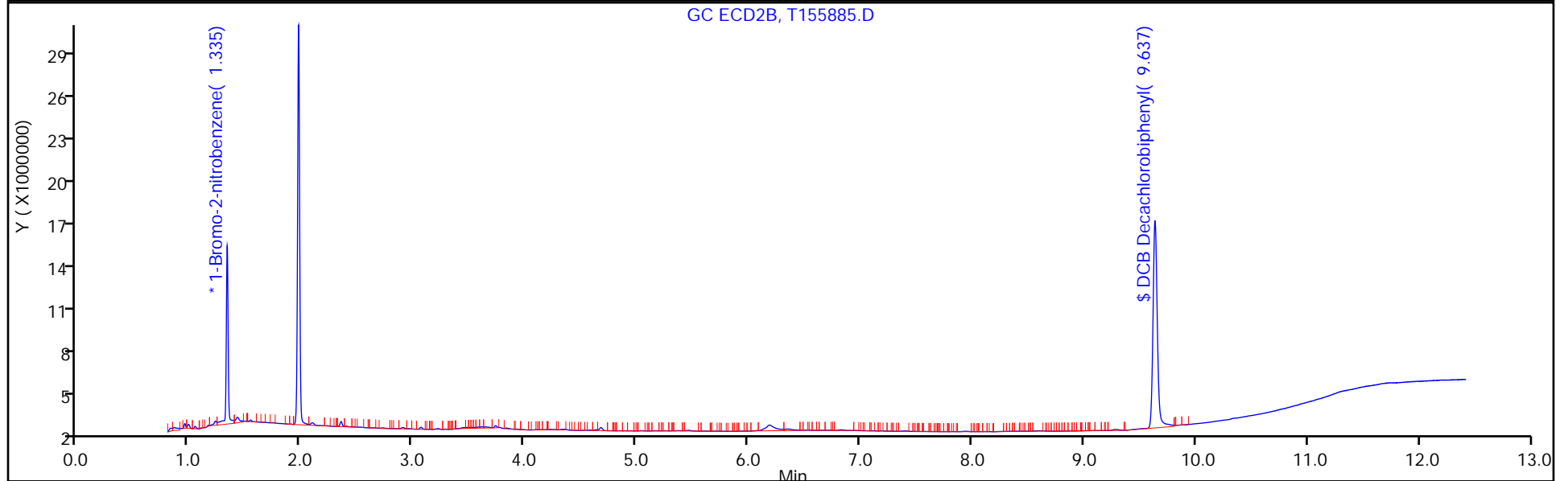
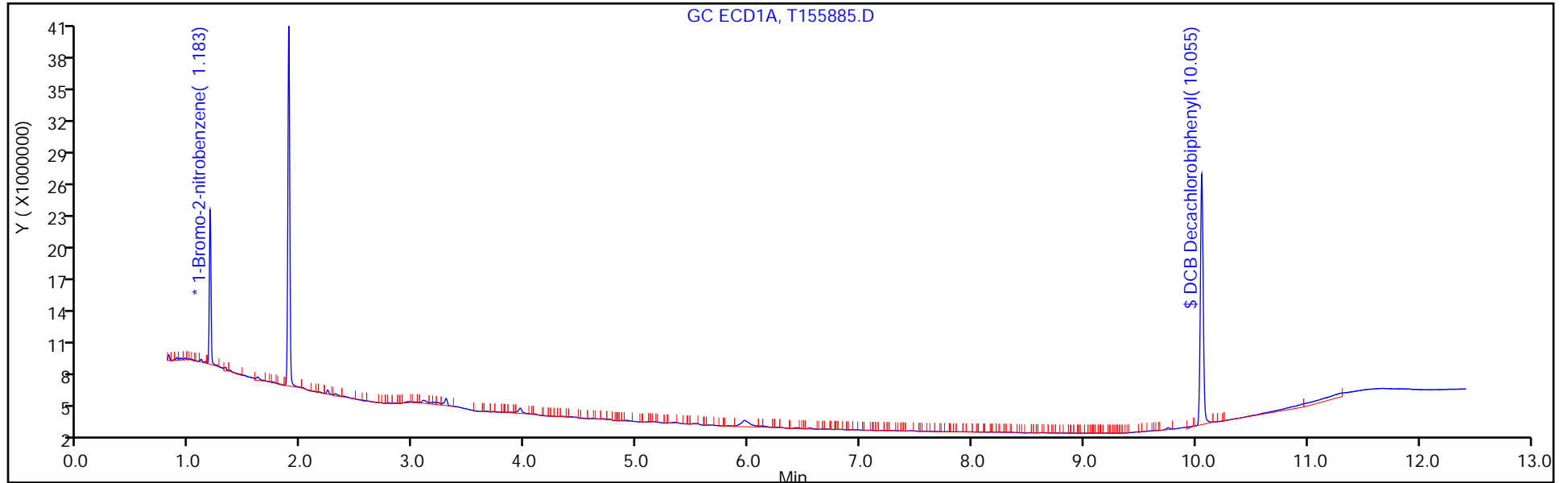
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 55

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B2-VD@3-3.5 Lab Sample ID: 460-176080-7  
 Matrix: Solid Lab File ID: T155885.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 09:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 04:04  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 6.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.5	U	71	9.5
11104-28-2	Aroclor 1221	9.5	U	71	9.5
11141-16-5	Aroclor 1232	9.5	U	71	9.5
53469-21-9	Aroclor 1242	9.5	U	71	9.5
12672-29-6	Aroclor 1248	9.5	U	71	9.5
11097-69-1	Aroclor 1254	9.8	U	71	9.8
11096-82-5	Aroclor 1260	9.8	U	71	9.8
37324-23-5	Aroclor 1262	9.8	U	71	9.8
11100-14-4	Aroclor 1268	9.8	U	71	9.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155885.D  
 Lims ID: 460-176080-A-7-A  
 Client ID: PRA-B2-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:04:23 ALS Bottle#: 55 Worklist Smp#: 15  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-015  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:33:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	14789276	20.0
2	1.335	1.334	0.001	15309676	20.0
RPD = 0.00					

\$ 11 DCB Decachlorobiphenyl

1	10.055	10.055	0.000	41342295	52.2
2	9.637	9.633	0.004	39588872	55.3
RPD = 5.89					

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155885.D

Injection Date: 28-Feb-2019 04:04:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-7-A

Lab Sample ID: 460-176080-7

Worklist Smp#: 15

Client ID: PRA-B2-VD@3-3.5

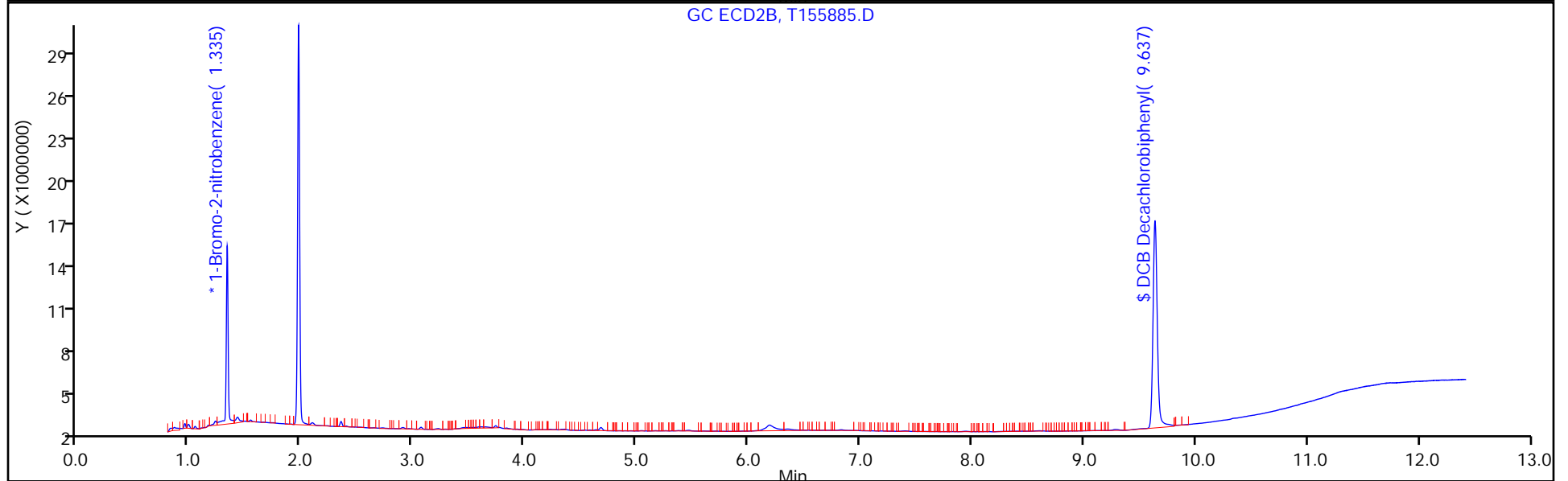
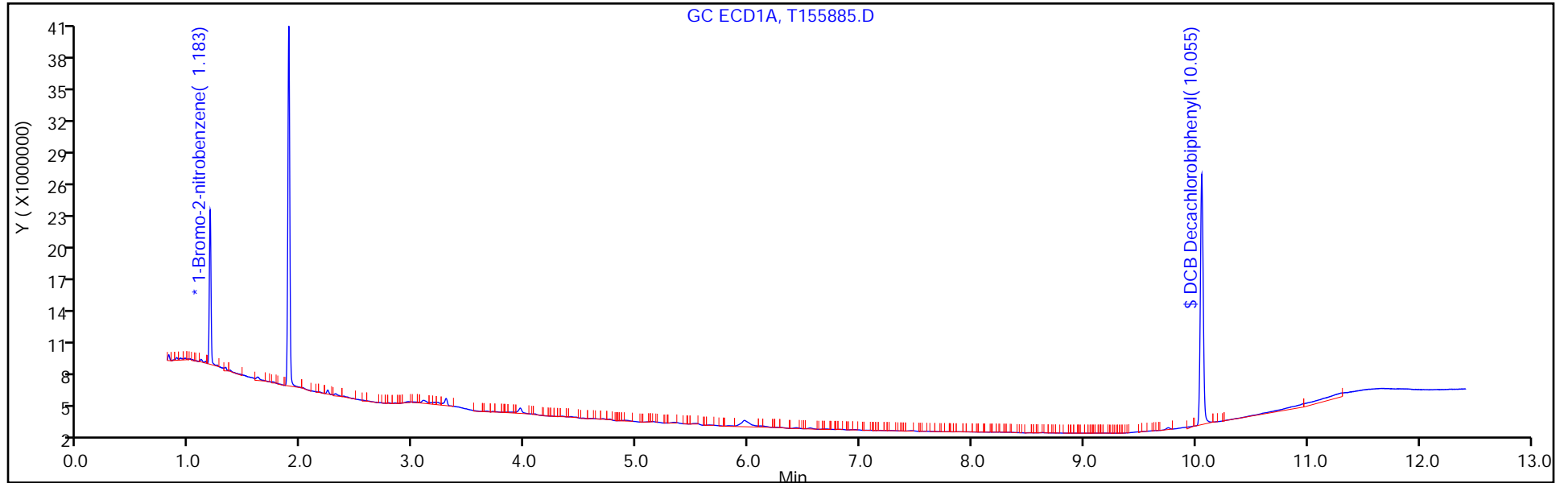
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 55

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B2-WT@7.5-8 Lab Sample ID: 460-176080-8  
 Matrix: Solid Lab File ID: T155886.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 09:44  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 04:21  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 19.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155886.D  
 Lims ID: 460-176080-A-8-A  
 Client ID: PRA-B2-WT@7.5-8  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:21:36 ALS Bottle#: 56 Worklist Smp#: 16  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-016  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:34:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.184 1.183 0.001 15063777 20.0  
 2 1.335 1.334 0.001 15193426 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.058 10.055 0.003 45198629 56.0  
 2 9.638 9.633 0.005 44405140 62.6  
 RPD = 11.04

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155886.D

Injection Date: 28-Feb-2019 04:21:36

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-8-A

Lab Sample ID: 460-176080-8

Worklist Smp#: 16

Client ID: PRA-B2-WT@7.5-8

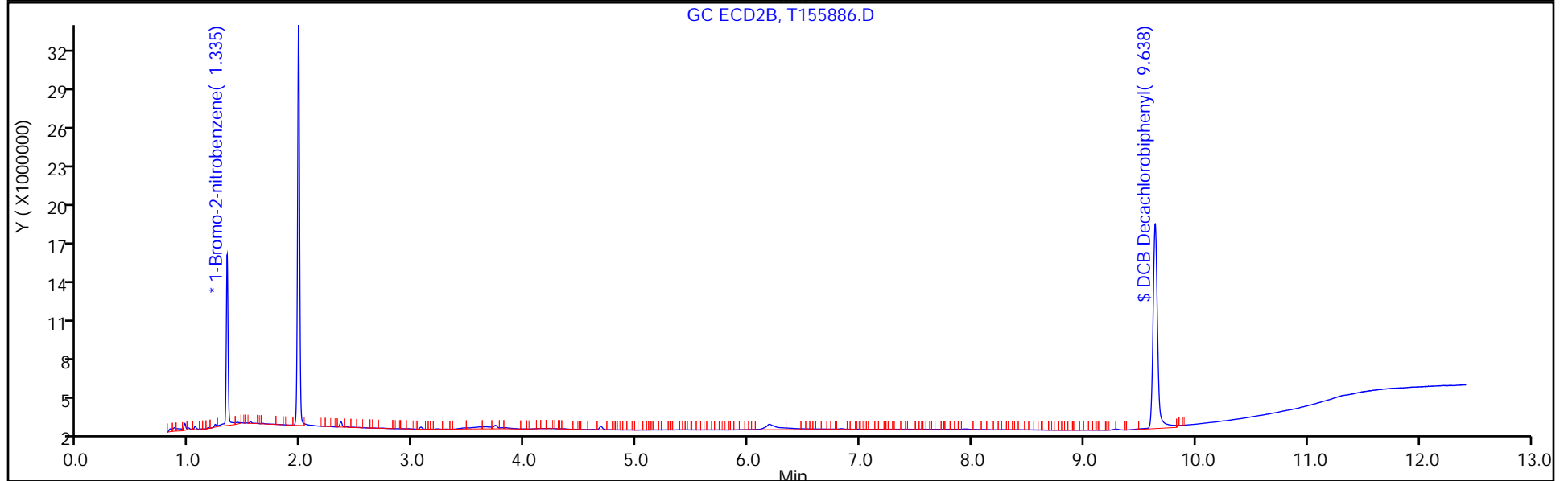
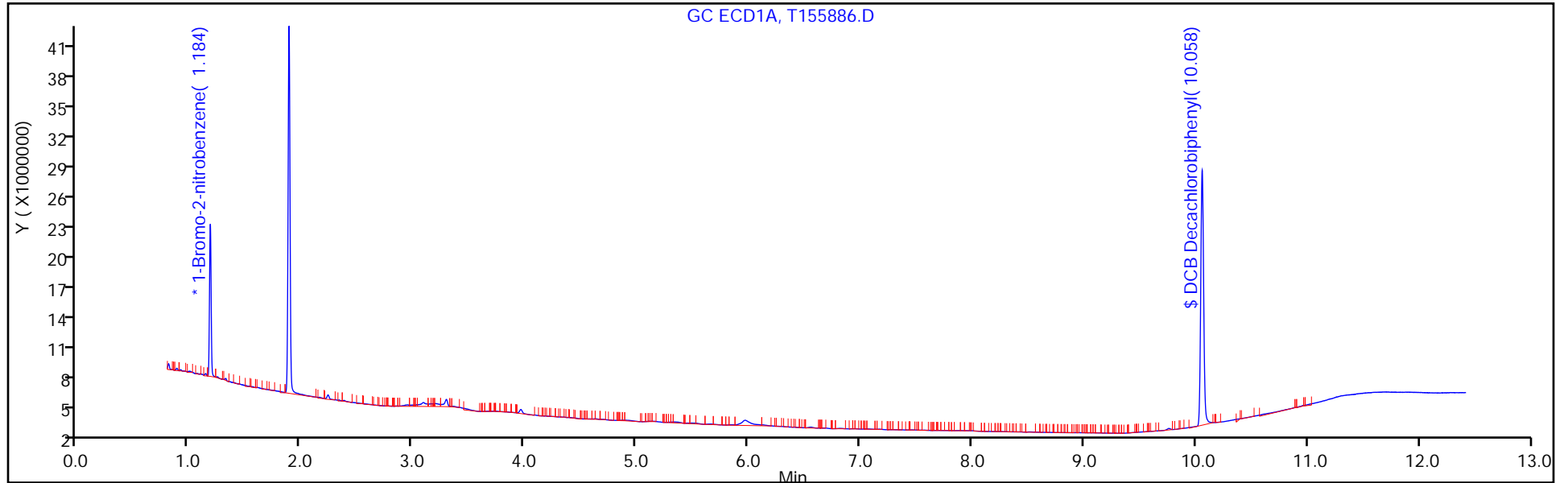
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 56

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B2-WT@7.5-8 Lab Sample ID: 460-176080-8  
 Matrix: Solid Lab File ID: T155886.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 09:44  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 04:21  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 19.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	84	11
11104-28-2	Aroclor 1221	11	U	84	11
11141-16-5	Aroclor 1232	11	U	84	11
53469-21-9	Aroclor 1242	11	U	84	11
12672-29-6	Aroclor 1248	11	U	84	11
11097-69-1	Aroclor 1254	11	U	84	11
11096-82-5	Aroclor 1260	11	U	84	11
37324-23-5	Aroclor 1262	11	U	84	11
11100-14-4	Aroclor 1268	11	U	84	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155886.D  
 Lims ID: 460-176080-A-8-A  
 Client ID: PRA-B2-WT@7.5-8  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:21:36 ALS Bottle#: 56 Worklist Smp#: 16  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-016  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:34:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.184	1.183	0.001	15063777	20.0	
2	1.335	1.334	0.001	15193426	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	45198629	56.0	
2	9.638	9.633	0.005	44405140	62.6	
RPD = 11.04						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155886.D

Injection Date: 28-Feb-2019 04:21:36

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-8-A

Lab Sample ID: 460-176080-8

Worklist Smp#: 16

Client ID: PRA-B2-WT@7.5-8

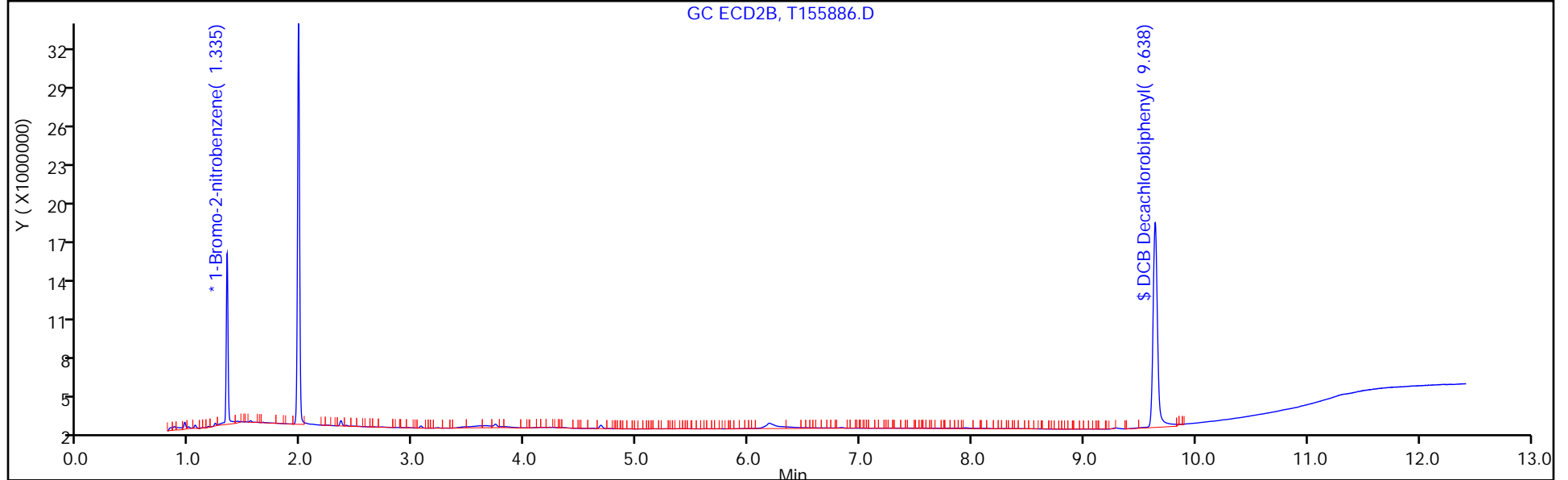
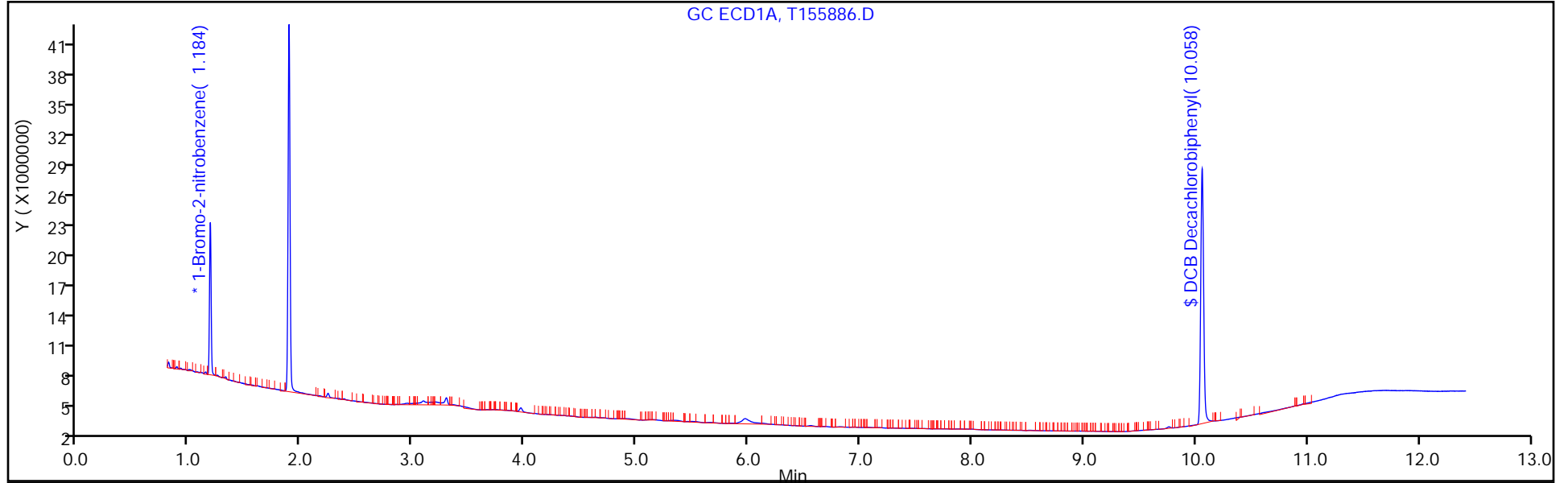
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 56

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B3-VS@1-1.5 Lab Sample ID: 460-176080-11  
 Matrix: Solid Lab File ID: T155887.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:22  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 04:38  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 5.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155887.D  
 Lims ID: 460-176080-A-11-A  
 Client ID: PRA-B3-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:38:45 ALS Bottle#: 57 Worklist Smp#: 17  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-017  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:35:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.185 1.183 0.002 14693134 20.0  
 2 1.336 1.334 0.002 15919972 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.059 10.055 0.004 41484666 52.7  
 2 9.638 9.633 0.005 39091224 52.6  
 RPD = 0.28

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155887.D

Injection Date: 28-Feb-2019 04:38:45

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-11-A

Lab Sample ID: 460-176080-11

Worklist Smp#: 17

Client ID: PRA-B3-VS@1-1.5

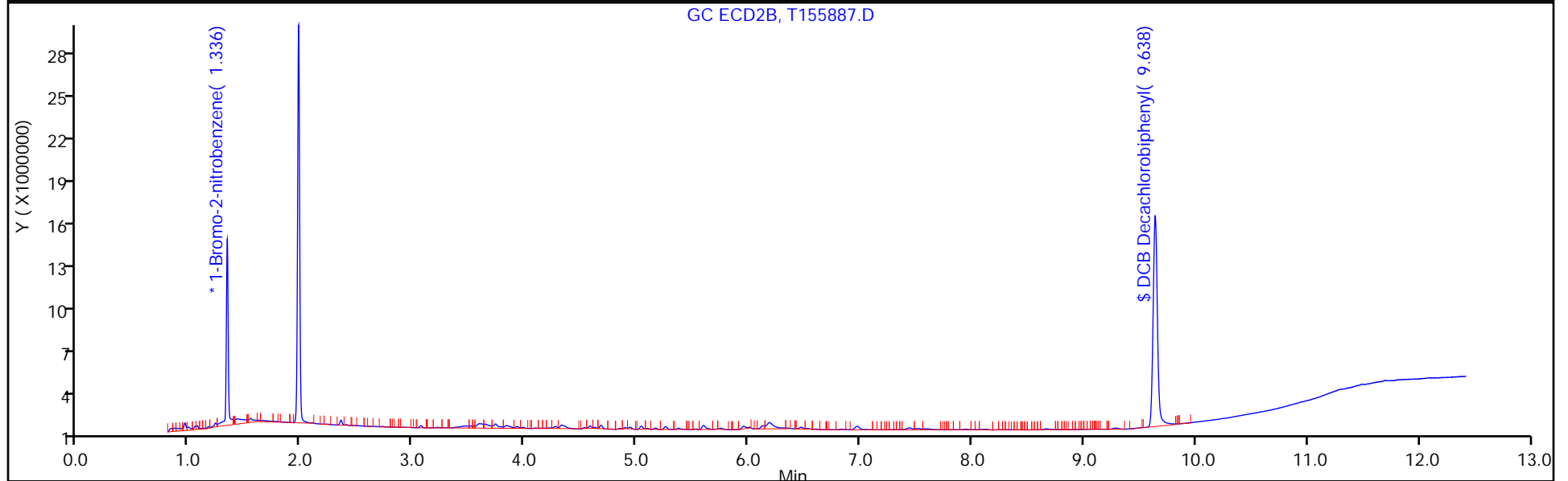
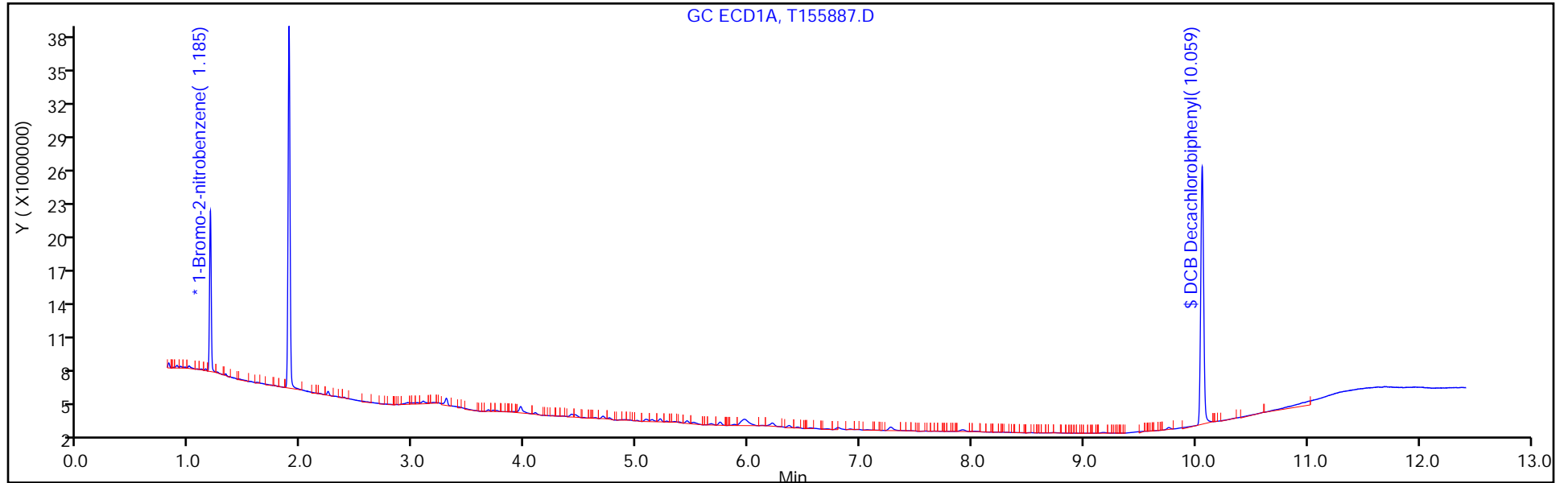
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 57

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B3-VS@1-1.5 Lab Sample ID: 460-176080-11  
 Matrix: Solid Lab File ID: T155887.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:22  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 04:38  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 5.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.4	U	71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	9.7	U	71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155887.D  
 Lims ID: 460-176080-A-11-A  
 Client ID: PRA-B3-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:38:45 ALS Bottle#: 57 Worklist Smp#: 17  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-017  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:35:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.185 1.183 0.002 14693134 20.0  
 2 1.336 1.334 0.002 15919972 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.059 10.055 0.004 41484666 52.7  
 2 9.638 9.633 0.005 39091224 52.6  
 RPD = 0.28

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155887.D

Injection Date: 28-Feb-2019 04:38:45

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-11-A

Lab Sample ID: 460-176080-11

Worklist Smp#: 17

Client ID: PRA-B3-VS@1-1.5

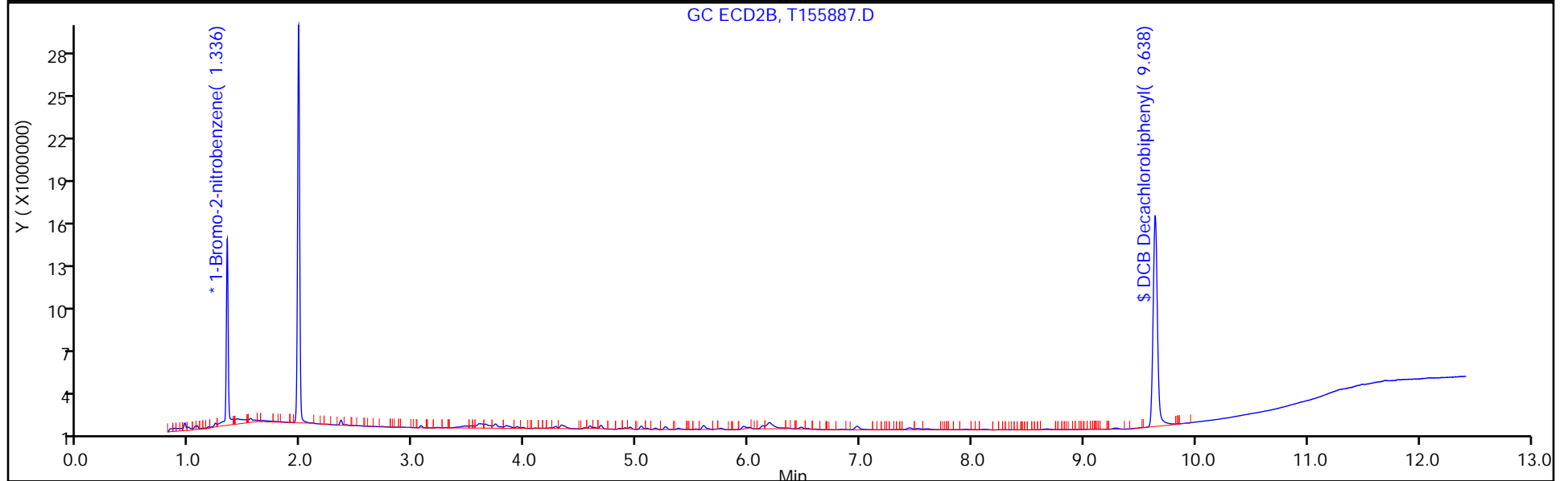
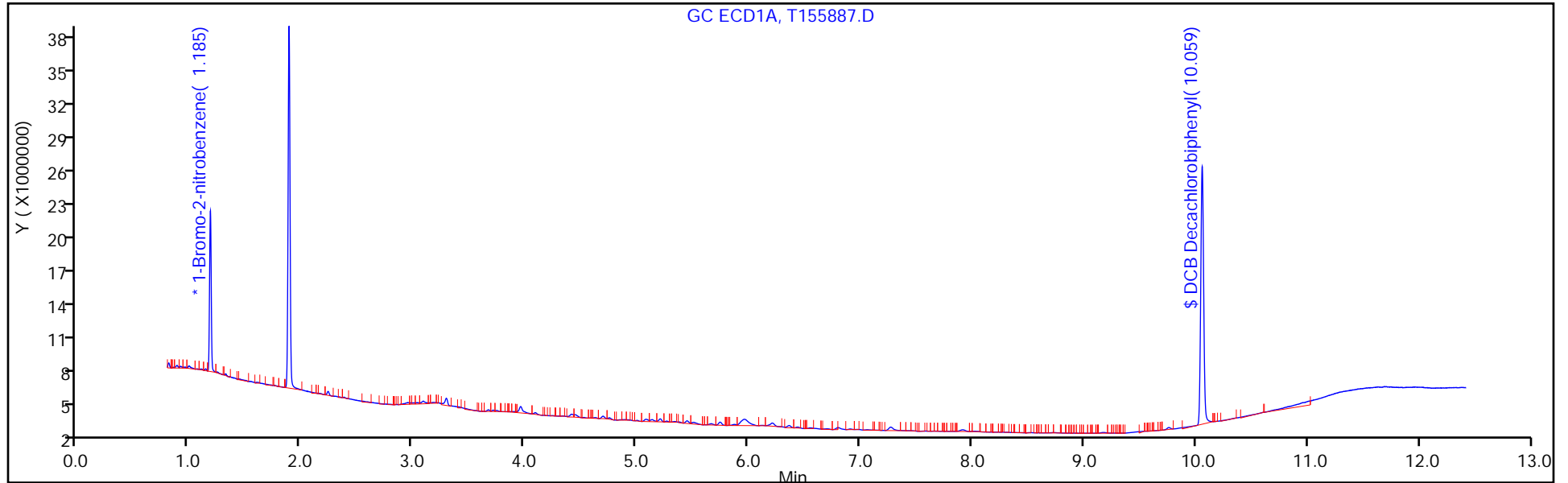
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 57

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



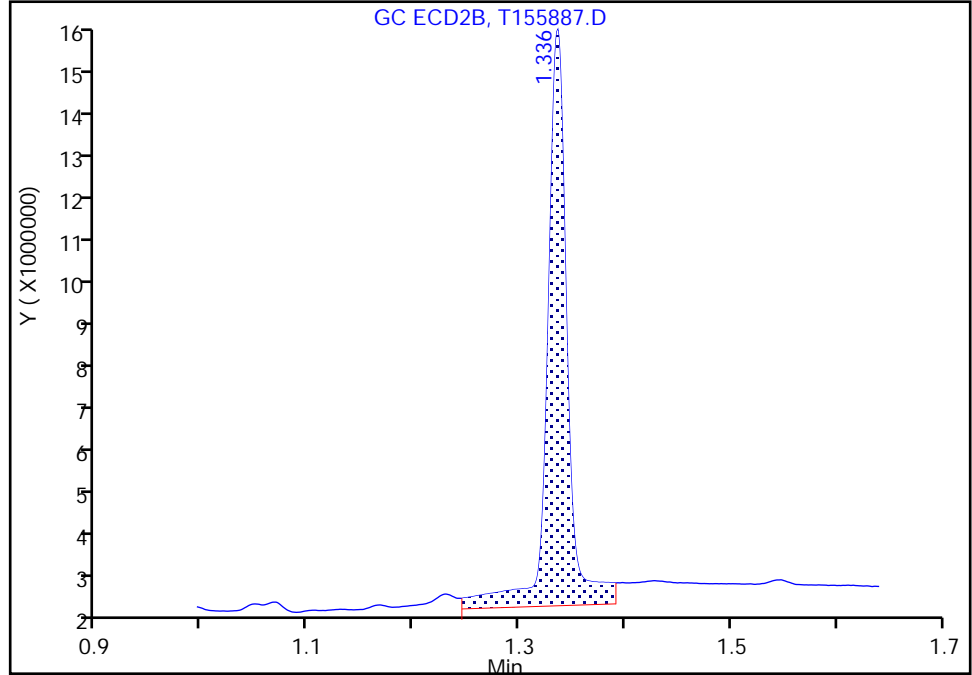
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155887.D  
Injection Date: 28-Feb-2019 04:38:45 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-11-A Lab Sample ID: 460-176080-11  
Client ID: PRA-B3-VS@1-1.5  
Operator ID: ALS Bottle#: 57 Worklist Smp#: 17  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

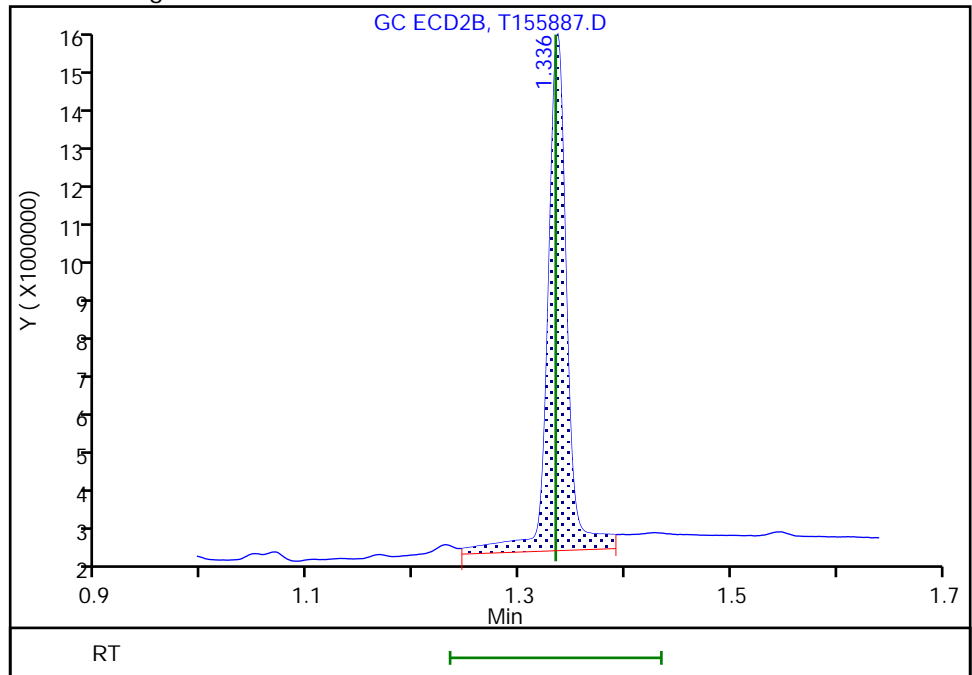
RT: 1.34  
Area: 16888404  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.34  
Area: 15919972  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 06:35:29  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B3-VD@3-3.5</u>	Lab Sample ID: <u>460-176080-12</u>
Matrix: <u>Solid</u>	Lab File ID: <u>7R002486.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 10:25</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>03/07/2019 17:57</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>03/08/2019 13:56</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>16.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>594003</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002486.D  
 Lims ID: 460-176080-A-12-A  
 Client ID: PRA-B3-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 08-Mar-2019 13:56:27 ALS Bottle#: 3 Worklist Smp#: 25  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-025  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 16:26:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.373	3.380	-0.007	72605	20.0
2	2.823	2.823	0.000	32351	20.0
RPD = 0.00					

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	152935	50.5
2	15.177	15.177	0.000	111683	56.1
RPD = 10.51					

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002486.D

Injection Date: 08-Mar-2019 13:56:27

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-12-A

Lab Sample ID: 460-176080-12

Worklist Smp#: 25

Client ID: PRA-B3-VD@3-3.5

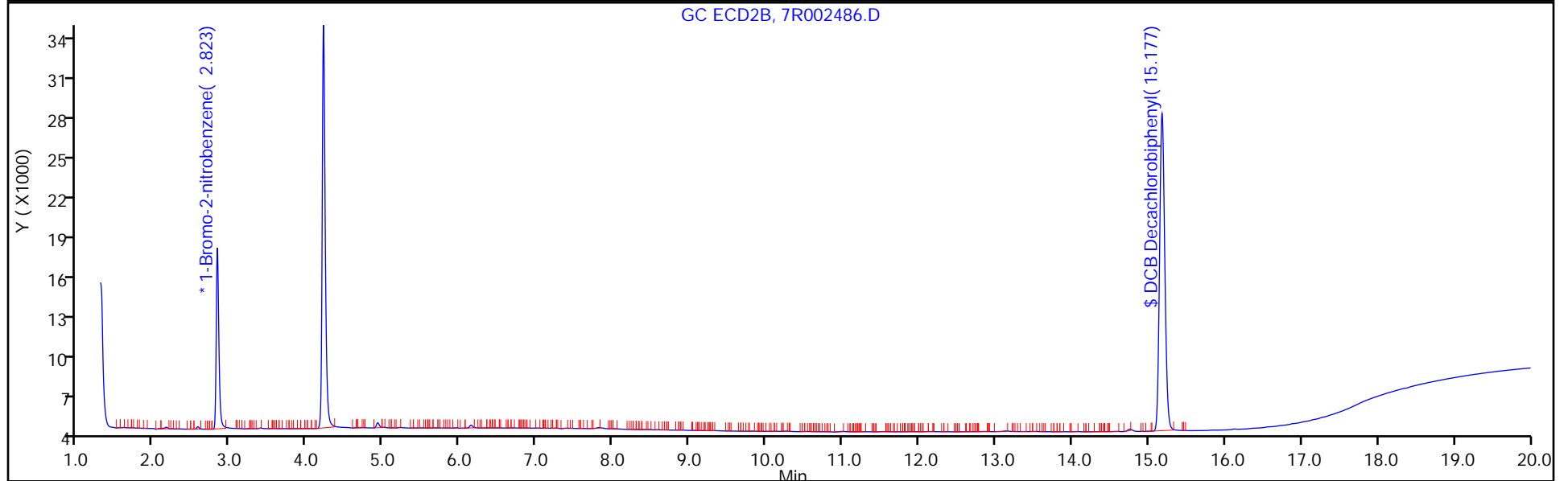
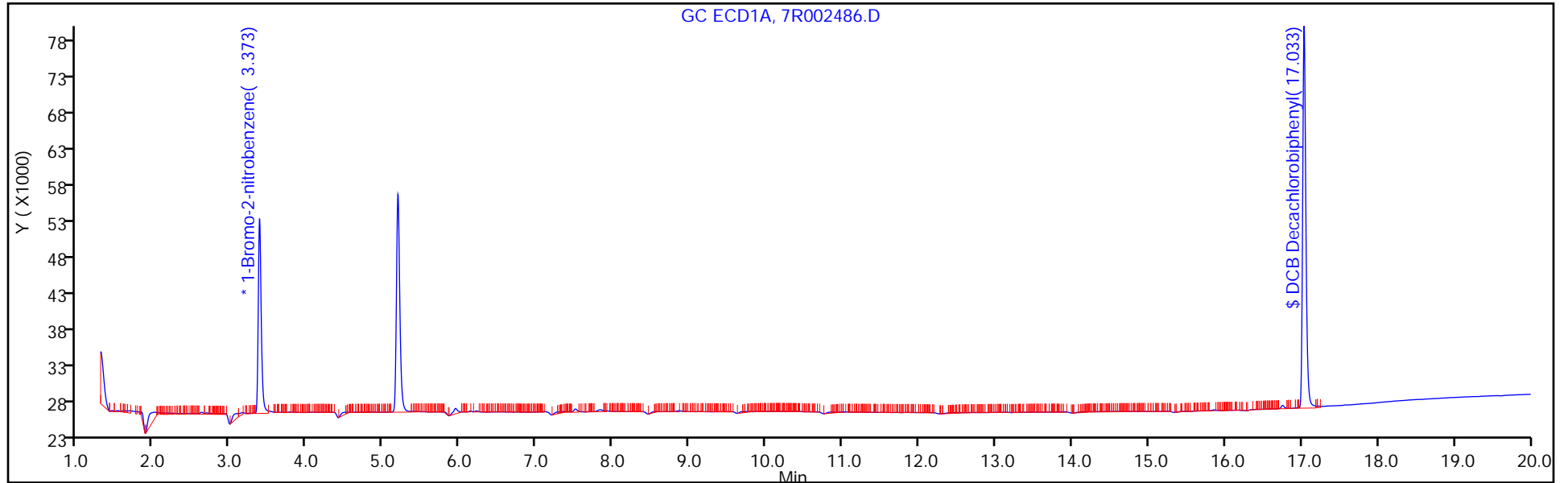
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B3-VD@3-3.5 Lab Sample ID: 460-176080-12  
 Matrix: Solid Lab File ID: 7R002486.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:25  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.04(g) Date Analyzed: 03/08/2019 13:56  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: 16.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	80	11
11104-28-2	Aroclor 1221	11	U	80	11
11141-16-5	Aroclor 1232	11	U	80	11
53469-21-9	Aroclor 1242	11	U	80	11
12672-29-6	Aroclor 1248	11	U	80	11
11097-69-1	Aroclor 1254	11	U	80	11
11096-82-5	Aroclor 1260	11	U	80	11
37324-23-5	Aroclor 1262	11	U	80	11
11100-14-4	Aroclor 1268	11	U	80	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002486.D  
 Lims ID: 460-176080-A-12-A  
 Client ID: PRA-B3-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 08-Mar-2019 13:56:27 ALS Bottle#: 3 Worklist Smp#: 25  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-025  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 16:26:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.373	3.380	-0.007	72605	20.0
2	2.823	2.823	0.000	32351	20.0
RPD = 0.00					

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	152935	50.5
2	15.177	15.177	0.000	111683	56.1
RPD = 10.51					

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002486.D

Injection Date: 08-Mar-2019 13:56:27

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-12-A

Lab Sample ID: 460-176080-12

Worklist Smp#: 25

Client ID: PRA-B3-VD@3-3.5

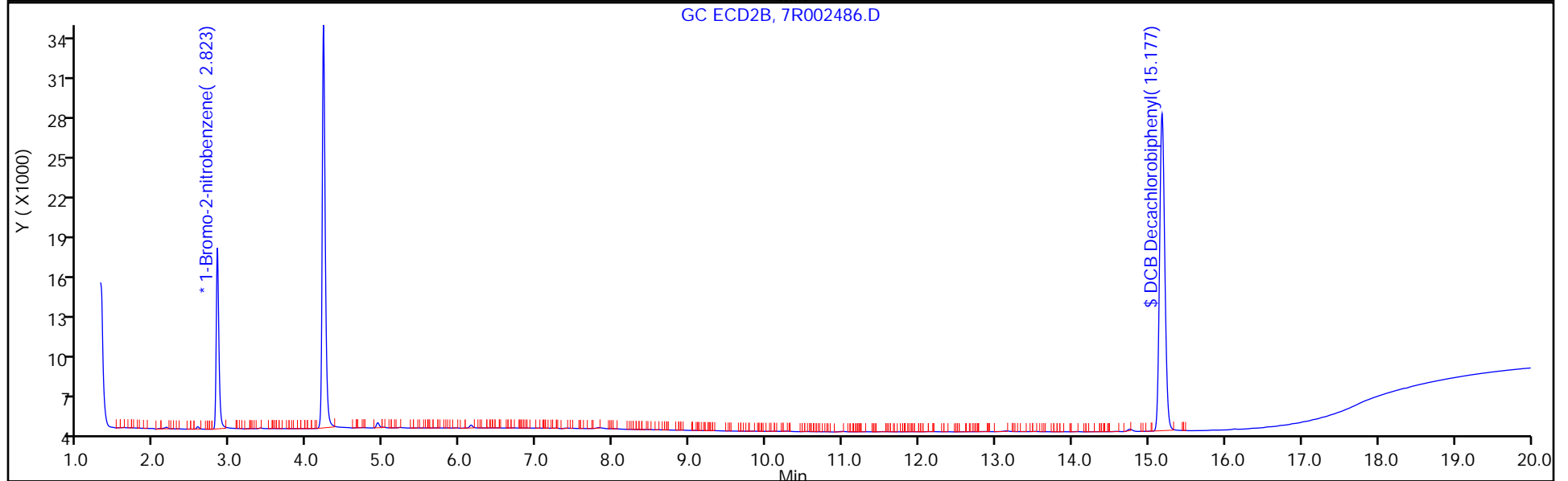
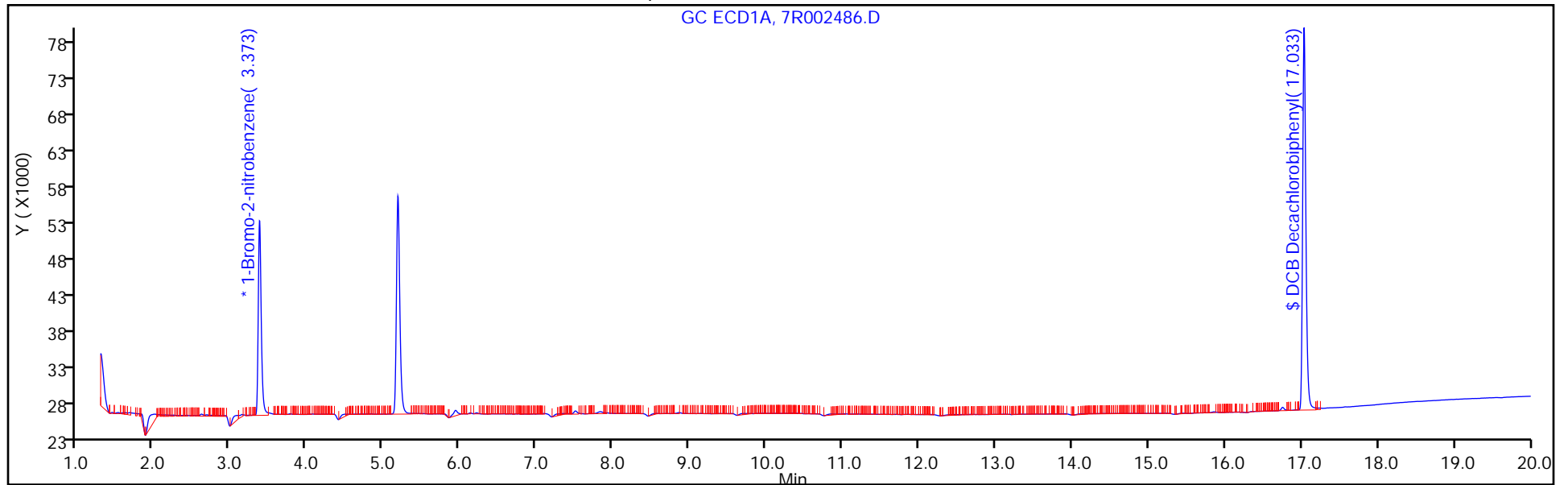
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B3-WT@8-8.5 Lab Sample ID: 460-176080-13  
 Matrix: Solid Lab File ID: 7R002487.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:28  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/08/2019 14:19  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 14.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002487.D  
 Lims ID: 460-176080-A-13-A  
 Client ID: PRA-B3-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 08-Mar-2019 14:19:59 ALS Bottle#: 4 Worklist Smp#: 26  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-026  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 16:25:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.380	-0.003	76088	20.0	
2	2.823	2.823	0.000	33661	20.0	
						RPD = 0.00

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	144599	45.6	
2	15.177	15.177	0.000	105603	51.0	
						RPD = 11.23

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002487.D

Injection Date: 08-Mar-2019 14:19:59

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-13-A

Lab Sample ID: 460-176080-13

Worklist Smp#: 26

Client ID: PRA-B3-WT@8-8.5

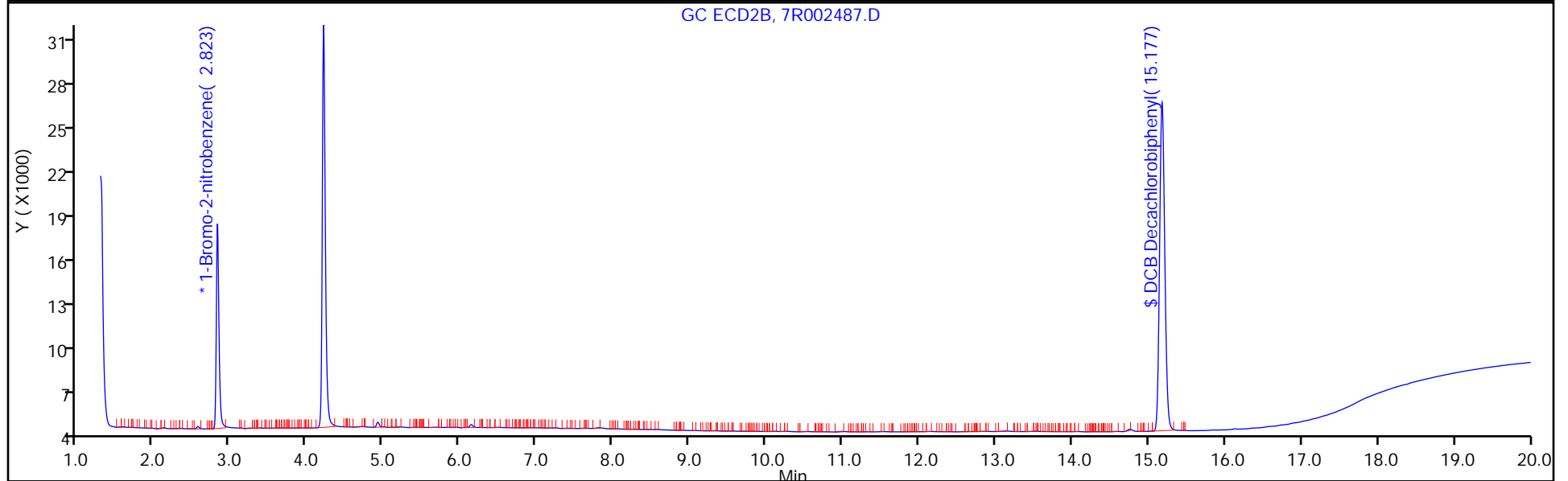
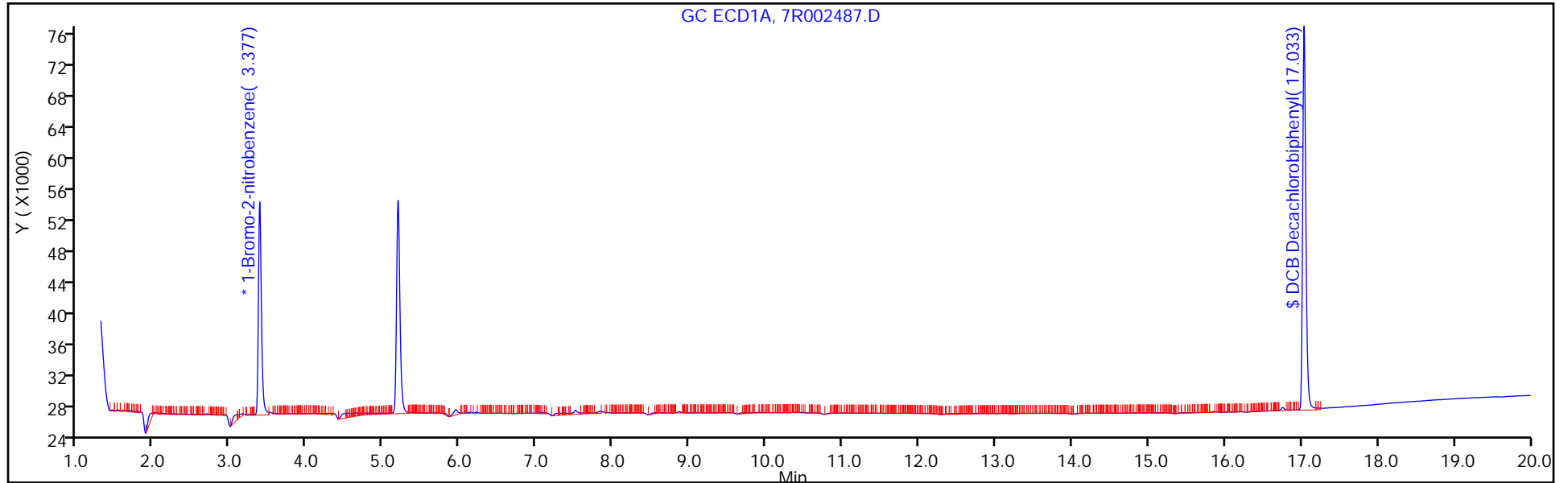
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B3-WT@8-8.5 Lab Sample ID: 460-176080-13  
 Matrix: Solid Lab File ID: 7R002487.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:28  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/08/2019 14:19  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)  
 % Moisture: 14.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	78	10
11104-28-2	Aroclor 1221	10	U	78	10
11141-16-5	Aroclor 1232	10	U	78	10
53469-21-9	Aroclor 1242	10	U	78	10
12672-29-6	Aroclor 1248	10	U	78	10
11097-69-1	Aroclor 1254	11	U	78	11
11096-82-5	Aroclor 1260	11	U	78	11
37324-23-5	Aroclor 1262	11	U	78	11
11100-14-4	Aroclor 1268	11	U	78	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002487.D  
 Lims ID: 460-176080-A-13-A  
 Client ID: PRA-B3-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 08-Mar-2019 14:19:59 ALS Bottle#: 4 Worklist Smp#: 26  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-026  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 16:25:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 3.377 3.380 -0.003 76088 20.0  
 2 2.823 2.823 0.000 33661 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 17.033 17.033 0.000 144599 45.6  
 2 15.177 15.177 0.000 105603 51.0  
 RPD = 11.23

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002487.D

Injection Date: 08-Mar-2019 14:19:59

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-13-A

Lab Sample ID: 460-176080-13

Worklist Smp#: 26

Client ID: PRA-B3-WT@8-8.5

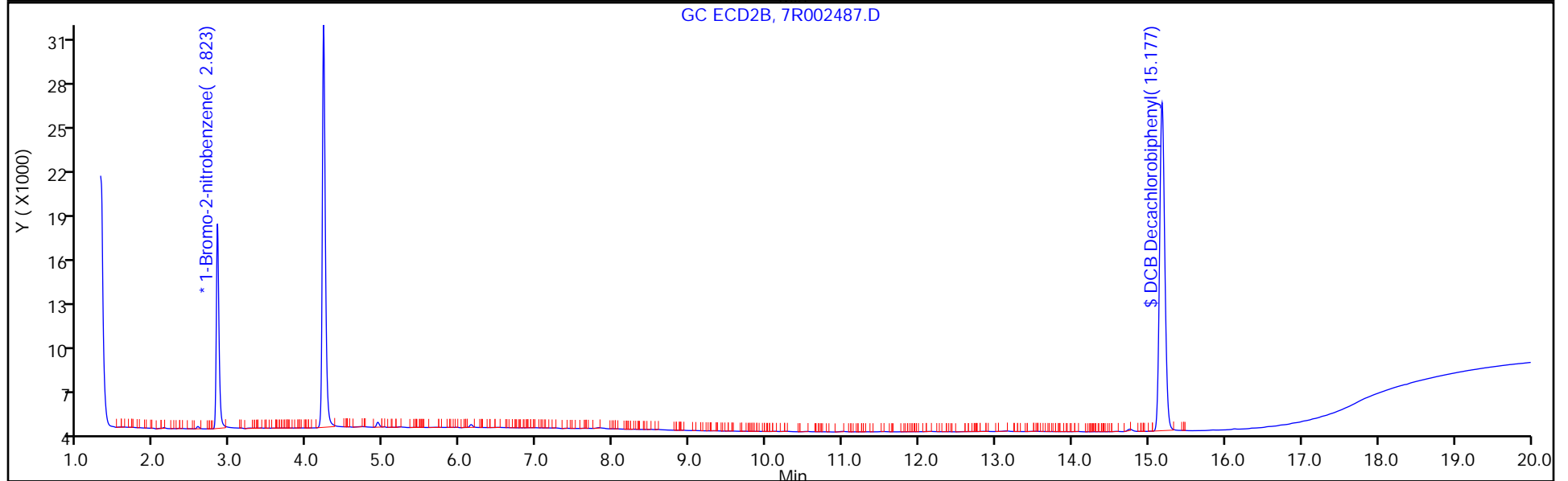
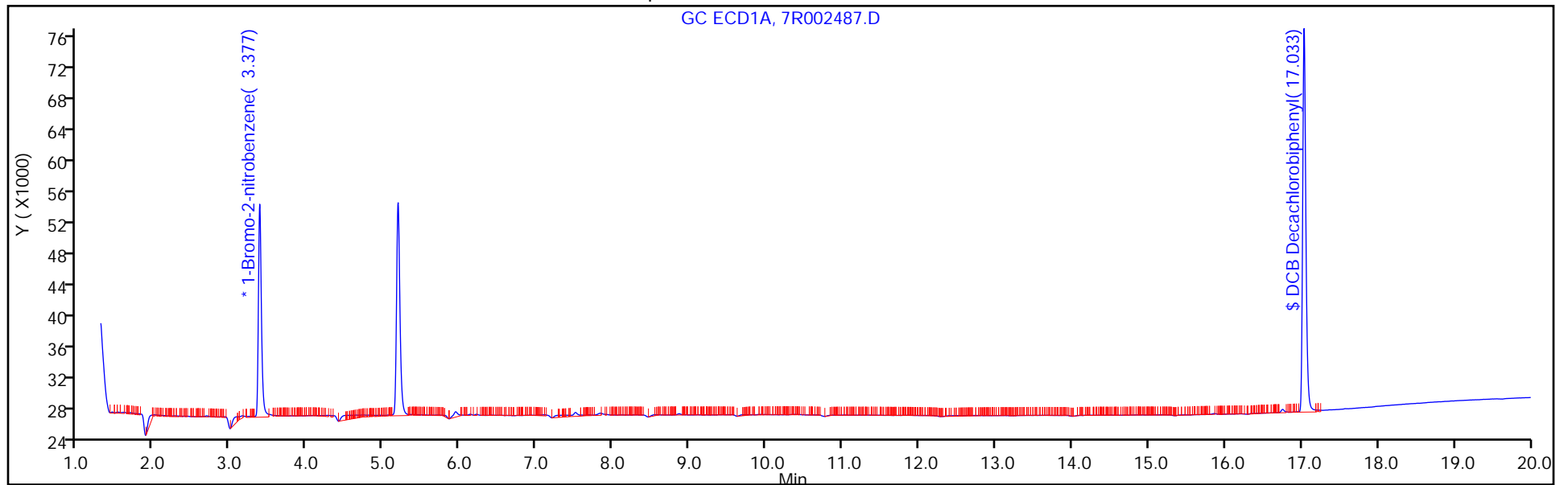
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B3-SI-@9-9.5</u>	Lab Sample ID: <u>460-176080-14</u>
Matrix: <u>Solid</u>	Lab File ID: <u>7R002488.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 10:30</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>03/07/2019 17:57</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>03/08/2019 14:43</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>12.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>594003</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002488.D  
 Lims ID: 460-176080-A-14-A  
 Client ID: PRA-B3-SI-@9-9.5  
 Sample Type: Client  
 Inject. Date: 08-Mar-2019 14:43:20 ALS Bottle#: 5 Worklist Smp#: 27  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-027  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 16:25:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.373	3.380	-0.007	73147	20.0
2	2.823	2.823	0.000	32409	20.0
RPD = 0.00					

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	147962	48.5
2	15.173	15.177	-0.004	108158	54.2
RPD = 11.17					

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002488.D

Injection Date: 08-Mar-2019 14:43:20

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-14-A

Lab Sample ID: 460-176080-14

Worklist Smp#: 27

Client ID: PRA-B3-SI-@9-9.5

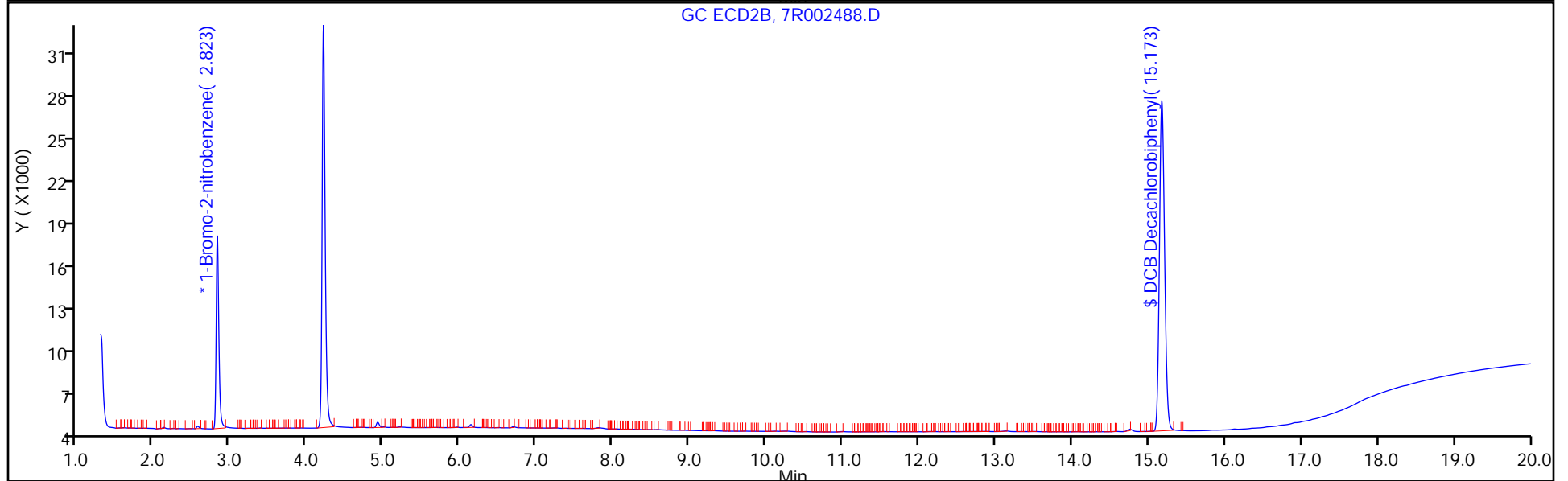
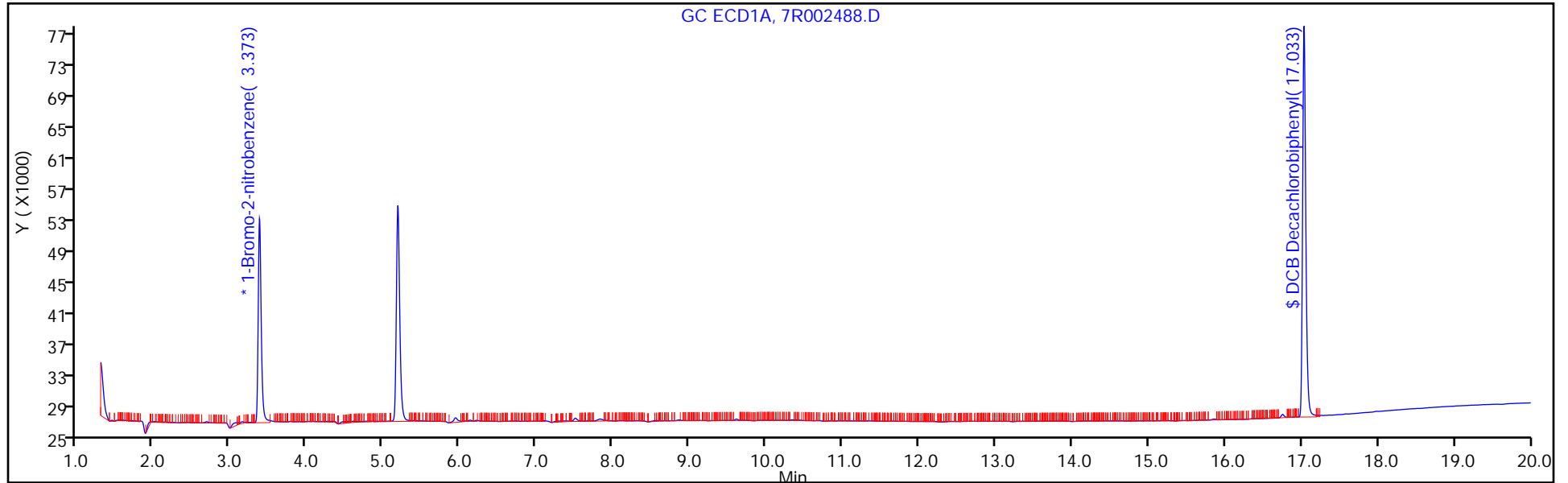
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B3-SI-@9-9.5 Lab Sample ID: 460-176080-14  
 Matrix: Solid Lab File ID: 7R002488.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:30  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.03(g) Date Analyzed: 03/08/2019 14:43  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)  
 % Moisture: 12.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	77	10
11104-28-2	Aroclor 1221	10	U	77	10
11141-16-5	Aroclor 1232	10	U	77	10
53469-21-9	Aroclor 1242	10	U	77	10
12672-29-6	Aroclor 1248	10	U	77	10
11097-69-1	Aroclor 1254	11	U	77	11
11096-82-5	Aroclor 1260	11	U	77	11
37324-23-5	Aroclor 1262	11	U	77	11
11100-14-4	Aroclor 1268	11	U	77	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002488.D  
 Lims ID: 460-176080-A-14-A  
 Client ID: PRA-B3-SI-@9-9.5  
 Sample Type: Client  
 Inject. Date: 08-Mar-2019 14:43:20 ALS Bottle#: 5 Worklist Smp#: 27  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-027  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 16:25:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.373	3.380	-0.007	73147	20.0
2	2.823	2.823	0.000	32409	20.0
RPD = 0.00					

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	147962	48.5
2	15.173	15.177	-0.004	108158	54.2
RPD = 11.17					

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002488.D

Injection Date: 08-Mar-2019 14:43:20

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-14-A

Lab Sample ID: 460-176080-14

Worklist Smp#: 27

Client ID: PRA-B3-SI-@9-9.5

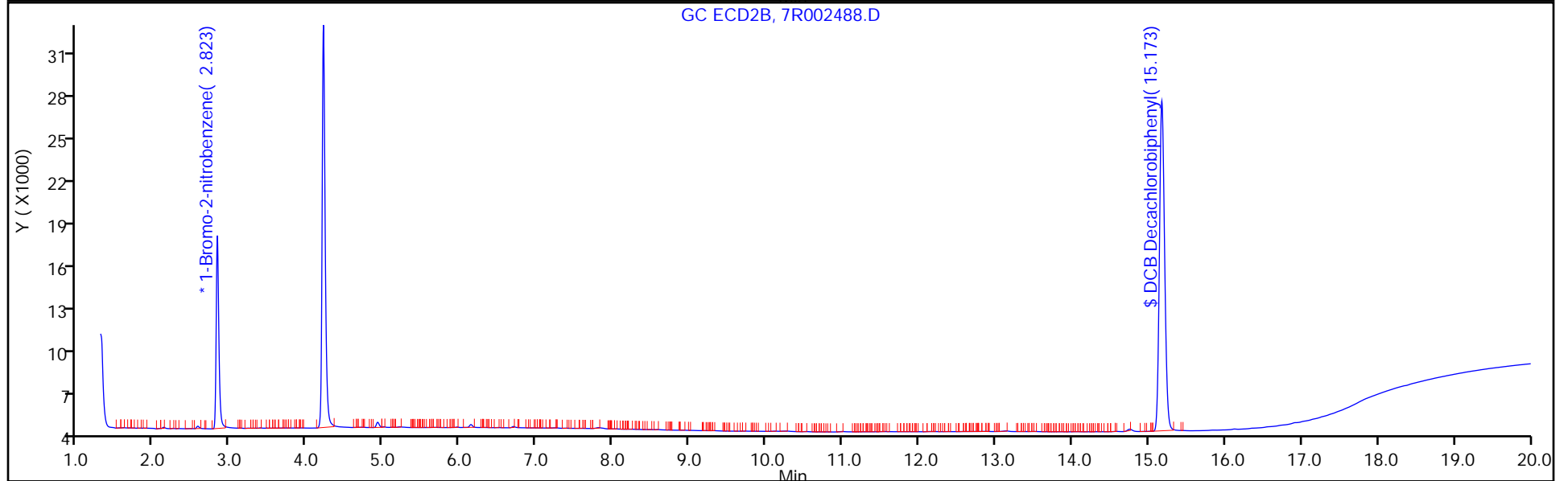
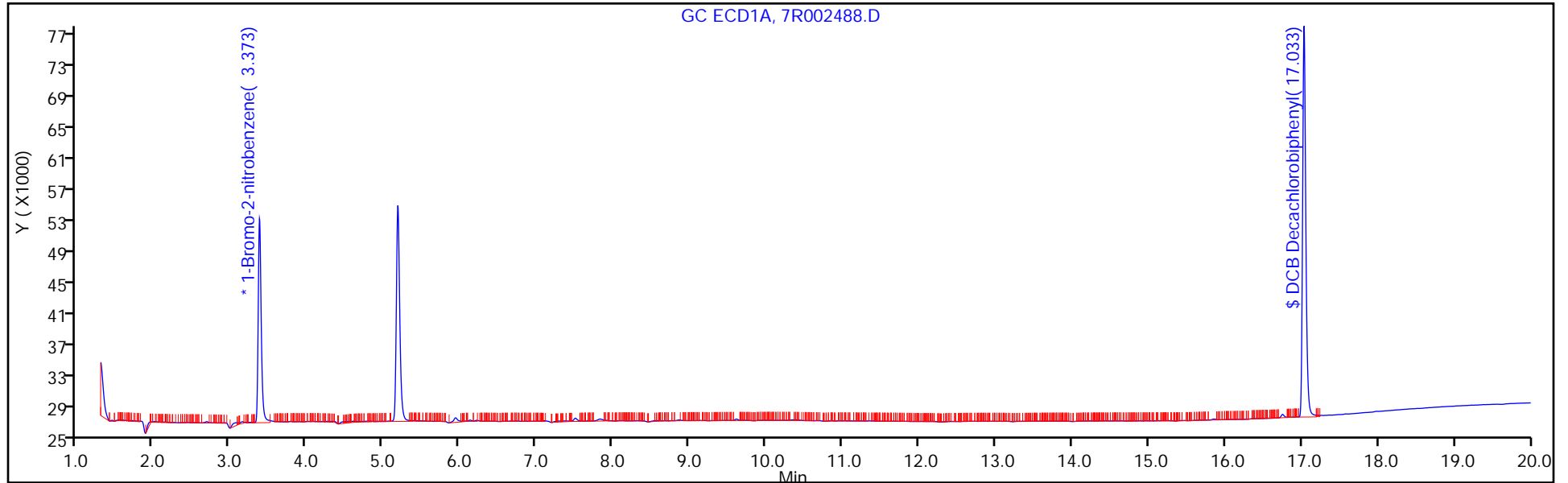
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B3-SD-@19.5-20</u>	Lab Sample ID: <u>460-176080-15</u>
Matrix: <u>Solid</u>	Lab File ID: <u>7R002489.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 10:35</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>03/07/2019 17:57</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>03/08/2019 15:06</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>18.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>594003</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002489.D  
 Lims ID: 460-176080-A-15-A  
 Client ID: PRA-B3-SD-@19.5-20  
 Sample Type: Client  
 Inject. Date: 08-Mar-2019 15:06:48 ALS Bottle#: 6 Worklist Smp#: 28  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-028  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 16:25:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.380	-0.003	79707	20.0	
2	2.823	2.823	0.000	35514	20.0	
						RPD = 0.00

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	147206	44.3	
2	15.177	15.177	0.000	107054	49.0	
						RPD = 10.10

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002489.D

Injection Date: 08-Mar-2019 15:06:48

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-15-A

Lab Sample ID: 460-176080-15

Worklist Smp#: 28

Client ID: PRA-B3-SD-@19.5-20

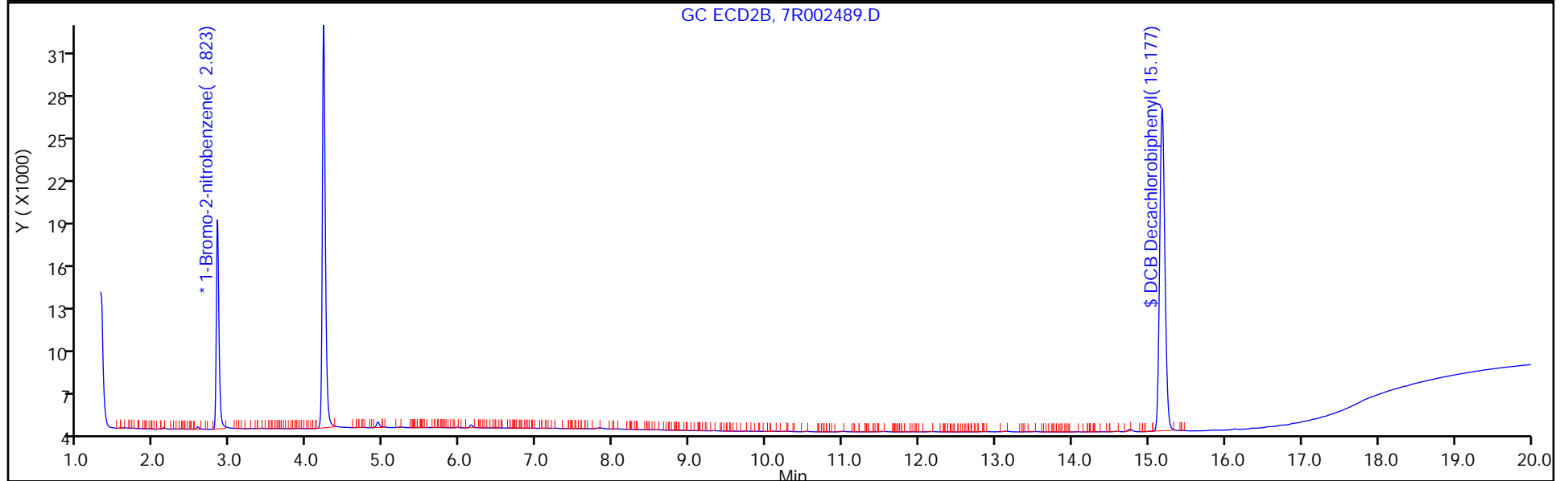
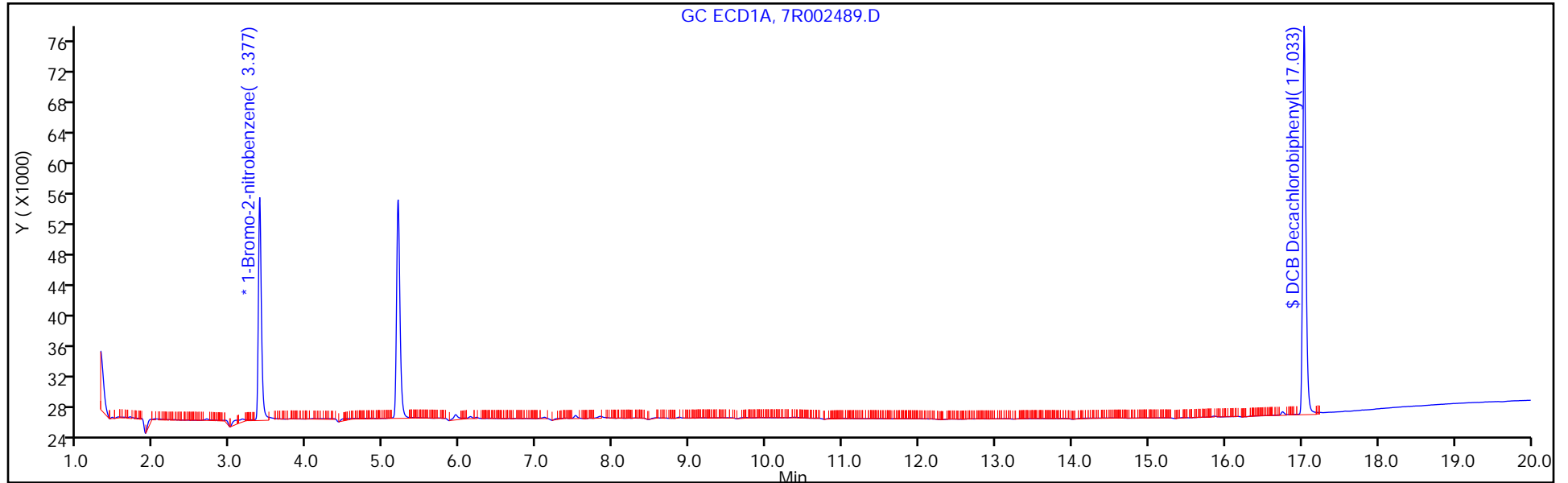
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B3-SD-@19.5-20 Lab Sample ID: 460-176080-15  
 Matrix: Solid Lab File ID: 7R002489.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:35  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.05(g) Date Analyzed: 03/08/2019 15:06  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: 18.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	82	11
11104-28-2	Aroclor 1221	11	U	82	11
11141-16-5	Aroclor 1232	11	U	82	11
53469-21-9	Aroclor 1242	11	U	82	11
12672-29-6	Aroclor 1248	11	U	82	11
11097-69-1	Aroclor 1254	11	U	82	11
11096-82-5	Aroclor 1260	11	U	82	11
37324-23-5	Aroclor 1262	11	U	82	11
11100-14-4	Aroclor 1268	11	U	82	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002489.D  
 Lims ID: 460-176080-A-15-A  
 Client ID: PRA-B3-SD-@19.5-20  
 Sample Type: Client  
 Inject. Date: 08-Mar-2019 15:06:48 ALS Bottle#: 6 Worklist Smp#: 28  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-028  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 16:25:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.380	-0.003	79707	20.0	
2	2.823	2.823	0.000	35514	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	147206	44.3	
2	15.177	15.177	0.000	107054	49.0	
RPD = 10.10						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002489.D

Injection Date: 08-Mar-2019 15:06:48

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-15-A

Lab Sample ID: 460-176080-15

Worklist Smp#: 28

Client ID: PRA-B3-SD-@19.5-20

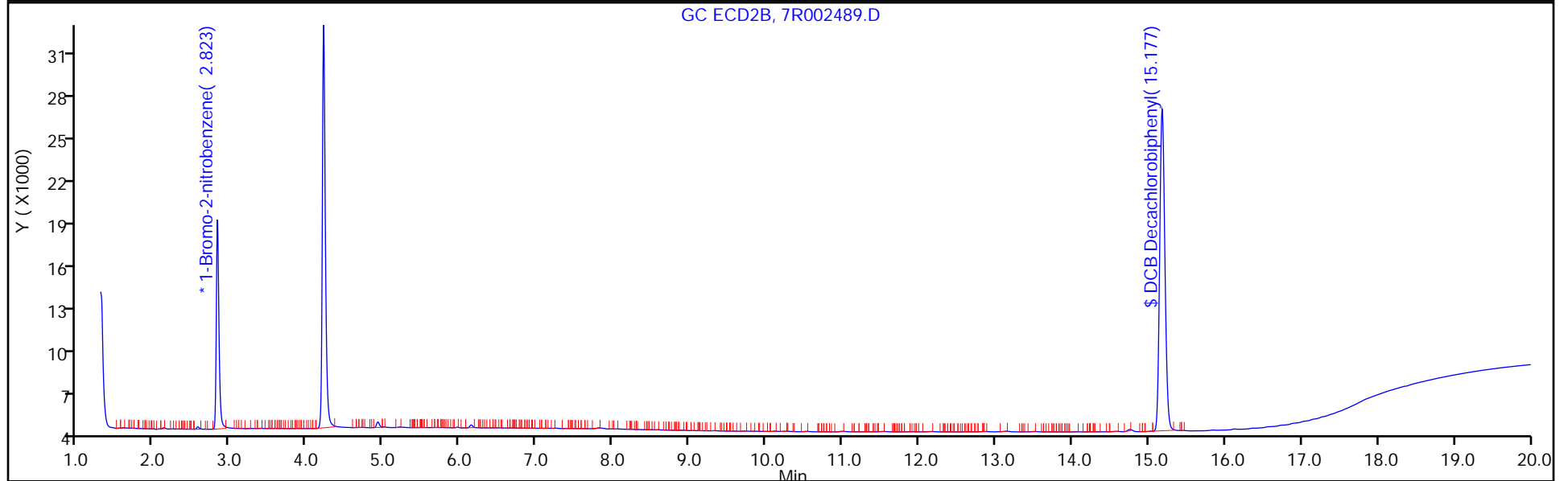
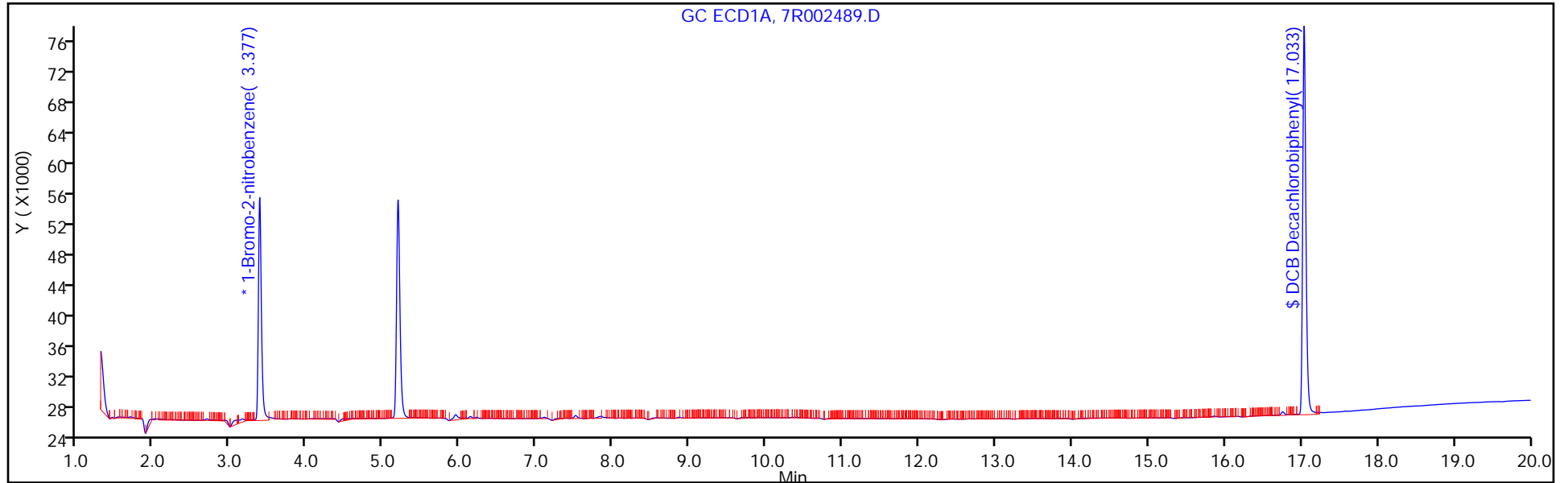
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B4-VS@1-1.5</u>	Lab Sample ID: <u>460-176080-16</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T155888.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 13:05</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>02/27/2019 08:41</u>
Sample wt/vol: <u>15.00 (g)</u>	Date Analyzed: <u>02/28/2019 04:55</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>7.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>592235</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155888.D  
 Lims ID: 460-176080-A-16-A  
 Client ID: PRA-B4-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:55:58 ALS Bottle#: 58 Worklist Smp#: 18  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-018  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:38:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.185	1.183	0.002	14541522	20.0	
2	1.336	1.334	0.002	14959555	20.0	

RPD = 0.00

6 PCB-1248

1	2.782	2.789	-0.007	199602	14.7	
1	3.293	3.290	0.003	2638399	65.9	
1	3.672	3.686	-0.014	30921070	1261.1	
1	3.715	3.727	-0.012	26284580	1362.0	
1	4.092	4.107	-0.015	22573987	666.1	
1	4.413	4.428	-0.015	45807932	1242.6	
1	4.453	4.471	-0.018	51000548	1279.9	
1	5.207	5.224	-0.017	30265780	1446.4	
Average of Peak Amounts =					917.3	
2	0.000	2.719	0.000	0	0	
2	0.000	3.224	0.000	0	0	
2	3.589	3.593	-0.004	48697511	1357.4	M
2	3.929	3.933	-0.004	18783166	888.6	M
2	4.325	4.329	-0.004	74029544	1246.3	M
2	4.581	4.582	-0.001	25350457	993.6	M
2	5.037	5.041	-0.004	26815336	1561.5	M
2	5.697	5.701	-0.004	5561991	485.2	
Average of Peak Amounts =					1088.8	
RPD = 17.09						

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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8 PCB-1260 M

1	5.267	5.267	0.000	18567740	899.0	
1	5.448	5.449	-0.001	33872871	847.4	
1	5.743	5.742	0.001	47076428	868.4	
1	6.362	6.362	0.000	37372824	938.0	
1	6.797	6.796	0.001	32487693	895.6	
1	7.267	7.266	0.001	88236930	911.3	
1	7.910	7.911	-0.001	60784174	885.9	
1	9.170	9.173	-0.003	25512520	990.0	

Average of Peak Amounts = 904.5

2	5.256	5.256	0.000	31532534	875.6	M
2	5.953	5.952	0.001	53474059	814.8	
2	6.120	6.119	0.001	29766441	969.3	
2	6.469	6.468	0.001	29672032	890.7	
2	6.965	6.965	0.000	71657124	953.4	
2	7.434	7.433	0.001	34112600	832.5	
2	7.594	7.592	0.002	20703023	1006.4	
2	8.659	8.658	0.001	19957563	1001.7	

Average of Peak Amounts = 918.0

RPD = 1.49

\$ 11 DCB Decachlorobiphenyl

1	10.059	10.055	0.004	40024253	51.4	
2	9.636	9.633	0.003	38194975	54.6	

RPD = 6.17

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155888.D

Injection Date: 28-Feb-2019 04:55:58

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-16-A

Lab Sample ID: 460-176080-16

Worklist Smp#: 18

Client ID: PRA-B4-VS@1-1.5

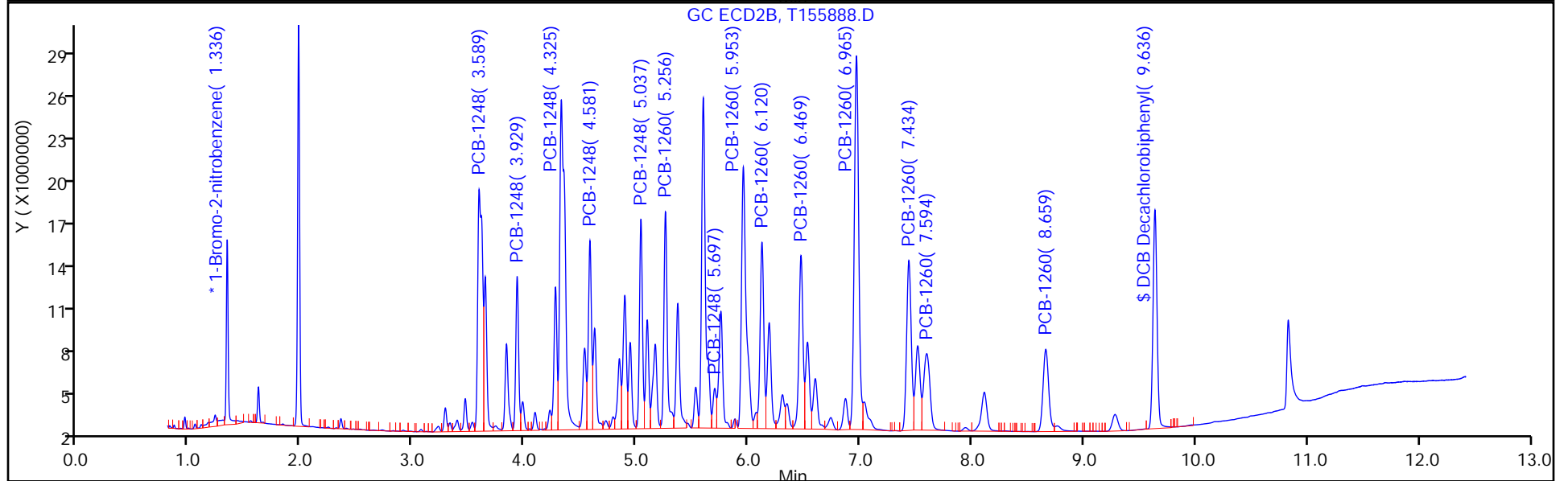
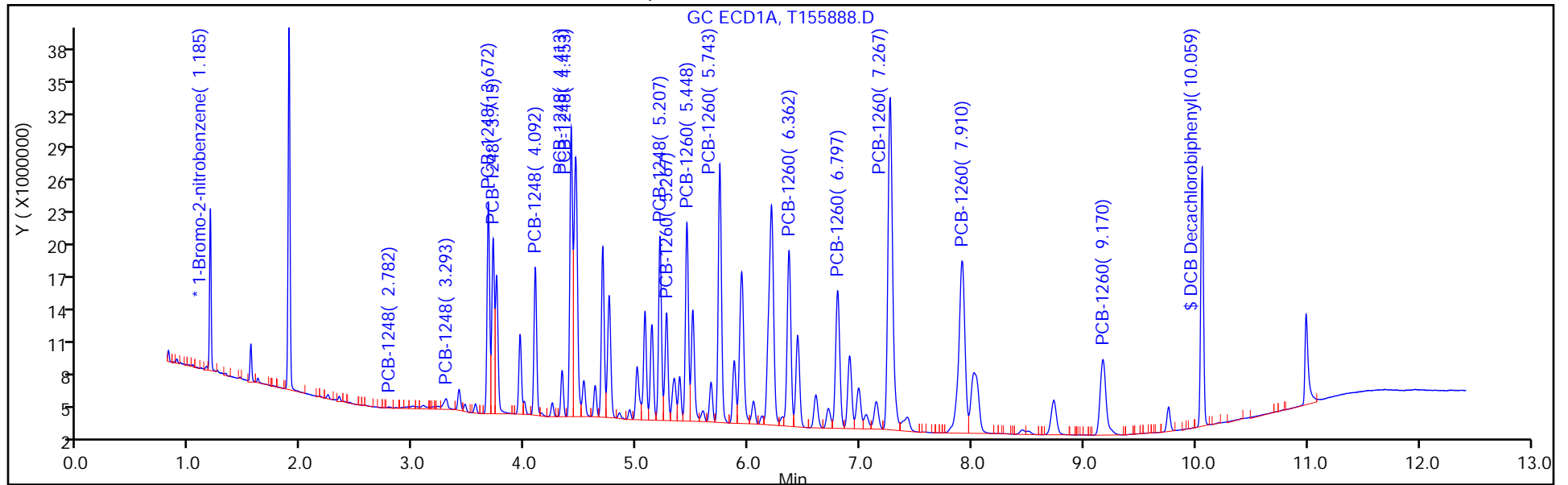
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 58

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-VS@1-1.5 Lab Sample ID: 460-176080-16  
 Matrix: Solid Lab File ID: T155888.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:05  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.00 (g) Date Analyzed: 02/28/2019 04:55  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 7.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.6	U	72	9.6
11104-28-2	Aroclor 1221	9.6	U	72	9.6
11141-16-5	Aroclor 1232	9.6	U	72	9.6
53469-21-9	Aroclor 1242	9.6	U	72	9.6
12672-29-6	Aroclor 1248	780		72	9.6
11097-69-1	Aroclor 1254	9.9	U	72	9.9
11096-82-5	Aroclor 1260	660		72	9.9
37324-23-5	Aroclor 1262	9.9	U	72	9.9
11100-14-4	Aroclor 1268	9.9	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155888.D  
 Lims ID: 460-176080-A-16-A  
 Client ID: PRA-B4-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:55:58 ALS Bottle#: 58 Worklist Smp#: 18  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-018  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:38:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.185	1.183	0.002	14541522	20.0	
2	1.336	1.334	0.002	14959555	20.0	
					RPD = 0.00	

6 PCB-1248

1	2.782	2.789	-0.007	199602	14.7	
1	3.293	3.290	0.003	2638399	65.9	
1	3.672	3.686	-0.014	30921070	1261.1	
1	3.715	3.727	-0.012	26284580	1362.0	
1	4.092	4.107	-0.015	22573987	666.1	
1	4.413	4.428	-0.015	45807932	1242.6	
1	4.453	4.471	-0.018	51000548	1279.9	
1	5.207	5.224	-0.017	30265780	1446.4	
					Average of Peak Amounts =	917.3
2	0.000	2.719	0.000	0	0	
2	0.000	3.224	0.000	0	0	
2	3.589	3.593	-0.004	48697511	1357.4	M
2	3.929	3.933	-0.004	18783166	888.6	M
2	4.325	4.329	-0.004	74029544	1246.3	M
2	4.581	4.582	-0.001	25350457	993.6	M
2	5.037	5.041	-0.004	26815336	1561.5	M
2	5.697	5.701	-0.004	5561991	485.2	
					Average of Peak Amounts =	1088.8
					RPD = 17.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

8 PCB-1260 M

1	5.267	5.267	0.000	18567740	899.0	
1	5.448	5.449	-0.001	33872871	847.4	
1	5.743	5.742	0.001	47076428	868.4	
1	6.362	6.362	0.000	37372824	938.0	
1	6.797	6.796	0.001	32487693	895.6	
1	7.267	7.266	0.001	88236930	911.3	
1	7.910	7.911	-0.001	60784174	885.9	
1	9.170	9.173	-0.003	25512520	990.0	

Average of Peak Amounts = 904.5

2	5.256	5.256	0.000	31532534	875.6	M
2	5.953	5.952	0.001	53474059	814.8	
2	6.120	6.119	0.001	29766441	969.3	
2	6.469	6.468	0.001	29672032	890.7	
2	6.965	6.965	0.000	71657124	953.4	
2	7.434	7.433	0.001	34112600	832.5	
2	7.594	7.592	0.002	20703023	1006.4	
2	8.659	8.658	0.001	19957563	1001.7	

Average of Peak Amounts = 918.0

RPD = 1.49

\$ 11 DCB Decachlorobiphenyl

1	10.059	10.055	0.004	40024253	51.4	
2	9.636	9.633	0.003	38194975	54.6	

RPD = 6.17

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155888.D

Injection Date: 28-Feb-2019 04:55:58

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-16-A

Lab Sample ID: 460-176080-16

Worklist Smp#: 18

Client ID: PRA-B4-VS@1-1.5

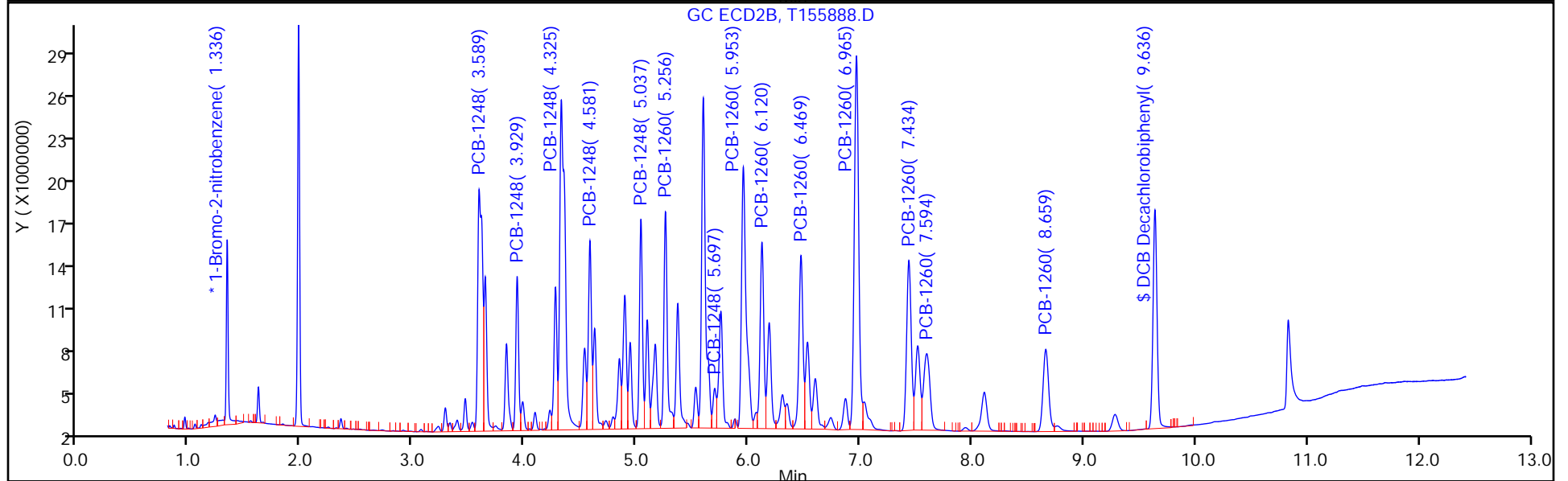
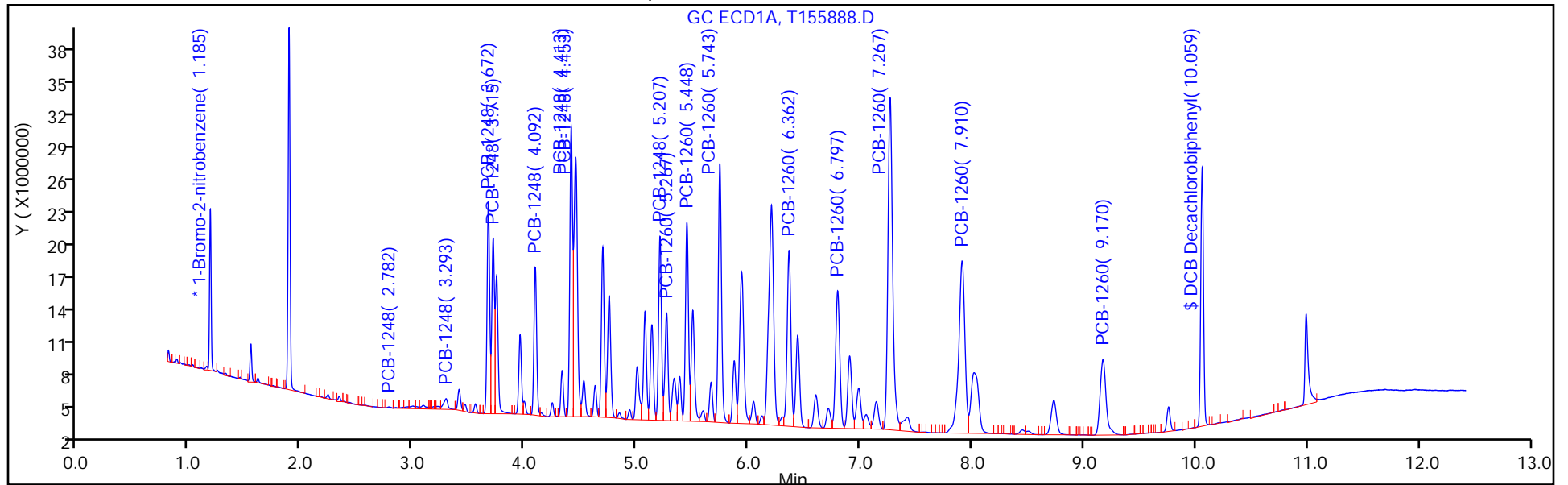
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 58

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155888.D

Injection Date: 28-Feb-2019 04:55:58

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-16-A

Lab Sample ID: 460-176080-16

Client ID: PRA-B4-VS@1-1.5

Operator ID:

ALS Bottle#: 58 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

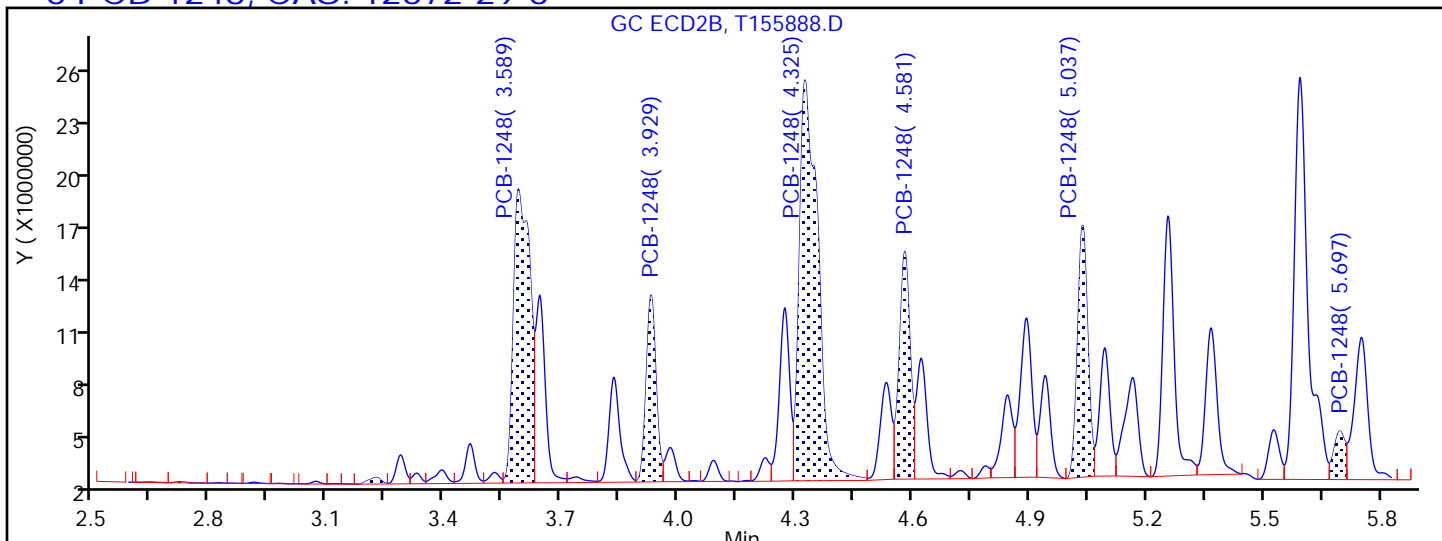
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

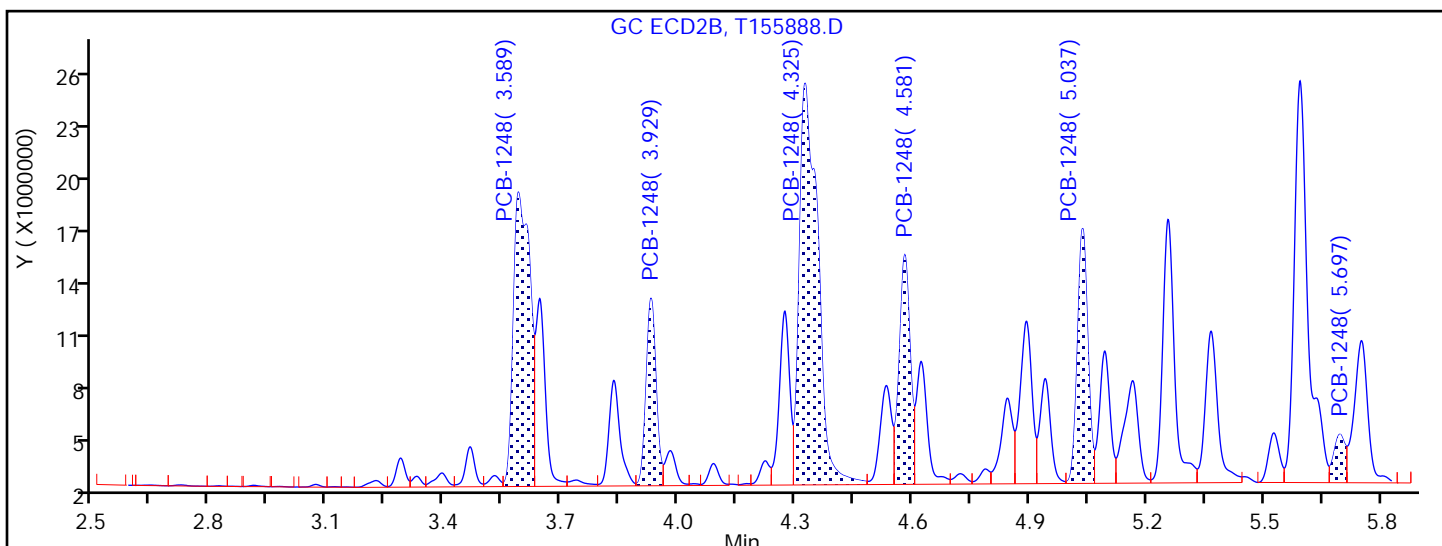
Detector GC ECD2B

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

2.724	Response = 120431
3.224	Response = 841929
3.589	Response = 48580149
3.929	Response = 18600098
4.325	Response = 73350161
4.581	Response = 24971538
5.037	Response = 26088966
5.697	Response = 5561991



Manual Integration Results

2.719	Response = 0	
3.224	Response = 0	
3.589	Response = 48697511	M
3.929	Response = 18783166	M
4.325	Response = 74029544	M
4.581	Response = 25350457	M

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155888.D

Injection Date: 28-Feb-2019 04:55:58

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-16-A

Lab Sample ID: 460-176080-16

Client ID: PRA-B4-VS@1-1.5

Operator ID:

ALS Bottle#: 58 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

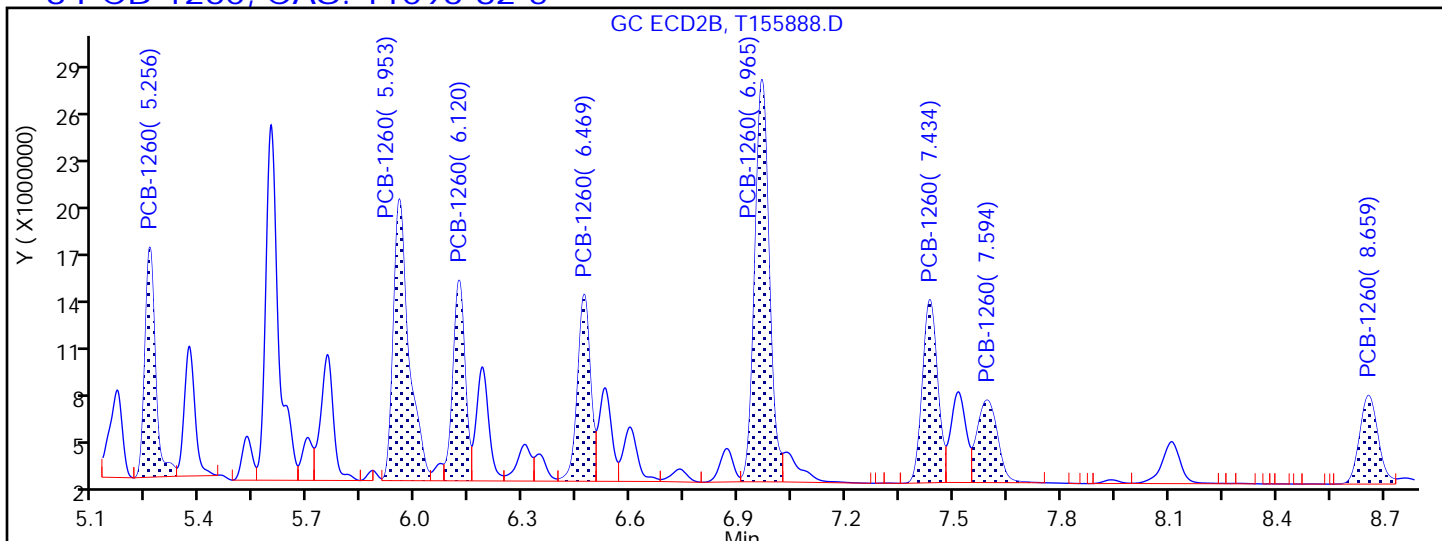
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

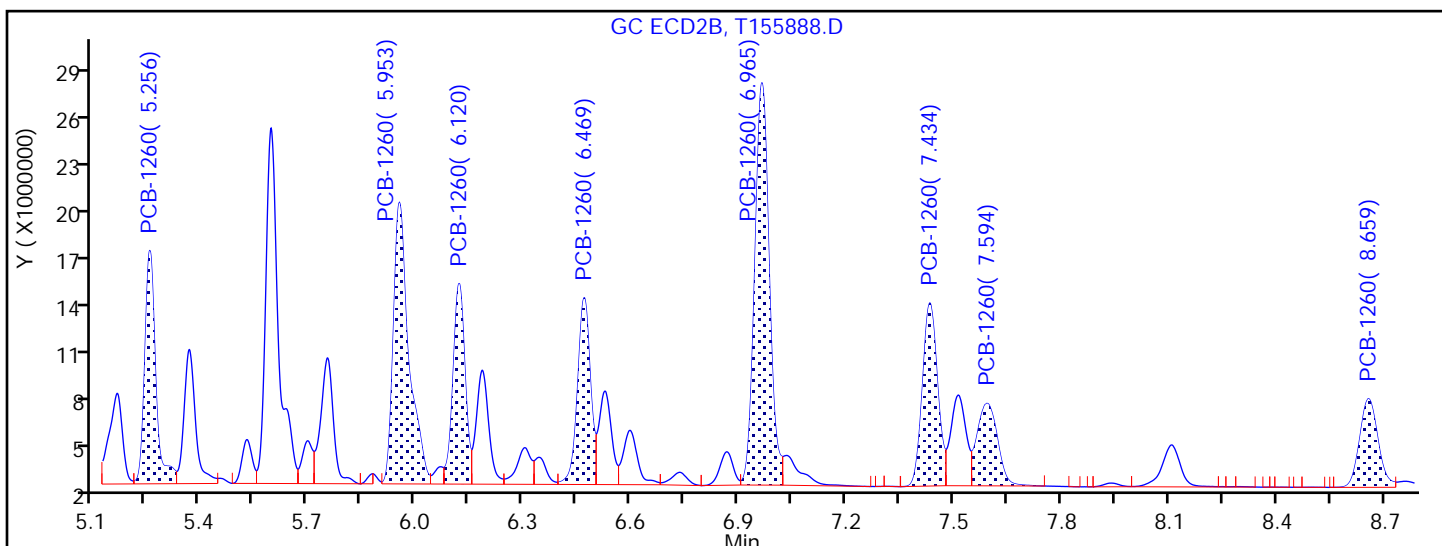
Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.256	Response = 29929643
5.953	Response = 53474059
6.120	Response = 29766441
6.469	Response = 29672032
6.965	Response = 71657124
7.434	Response = 34112600
7.594	Response = 20703023
8.659	Response = 19957563



Manual Integration Results

5.256	Response = 31532534	M
5.953	Response = 53474059	
6.120	Response = 29766441	
6.469	Response = 29672032	
6.965	Response = 71657124	
7.434	Response = 34112600	

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-VD@3-3.5 Lab Sample ID: 460-176080-17  
 Matrix: Solid Lab File ID: T155889.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:07  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 05:13  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155889.D  
 Lims ID: 460-176080-A-17-A  
 Client ID: PRA-B4-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:13:05 ALS Bottle#: 59 Worklist Smp#: 19  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-019  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:08:58 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 06:39:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.182 1.185 -0.003 14923250 20.0 M  
 2 1.336 1.332 0.004 13910727 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.056 10.068 -0.012 42313867 52.9  
 2 9.637 9.642 -0.005 40859134 62.9  
 RPD = 17.16

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155889.D

Injection Date: 28-Feb-2019 05:13:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-17-A

Lab Sample ID: 460-176080-17

Worklist Smp#: 19

Client ID: PRA-B4-VD@3-3.5

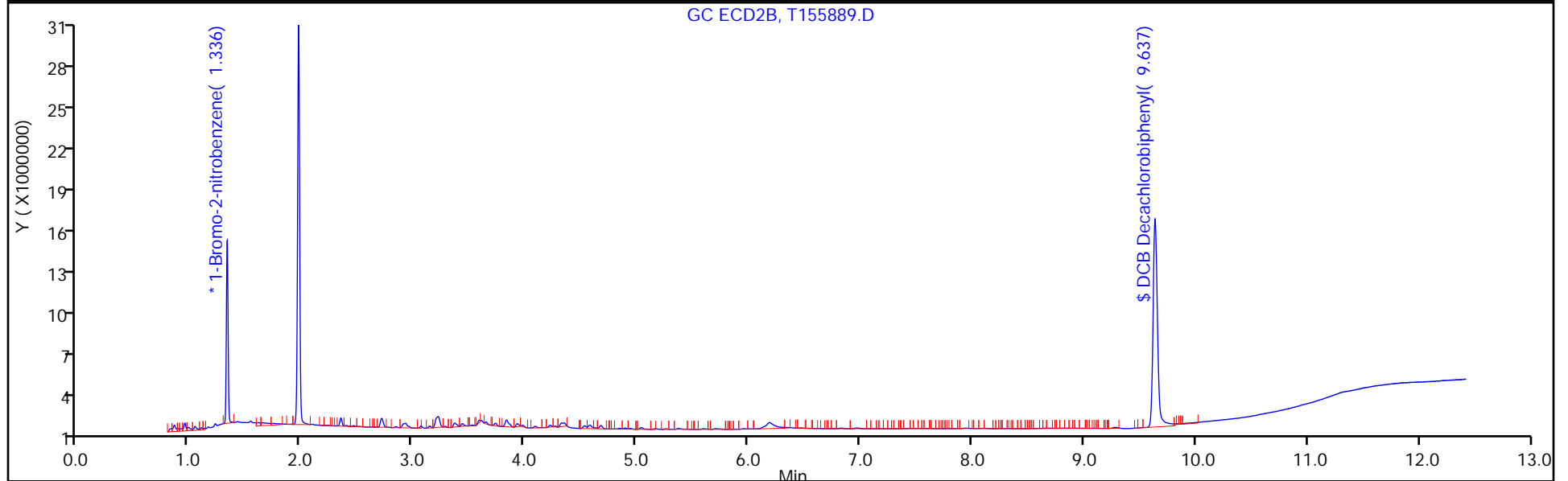
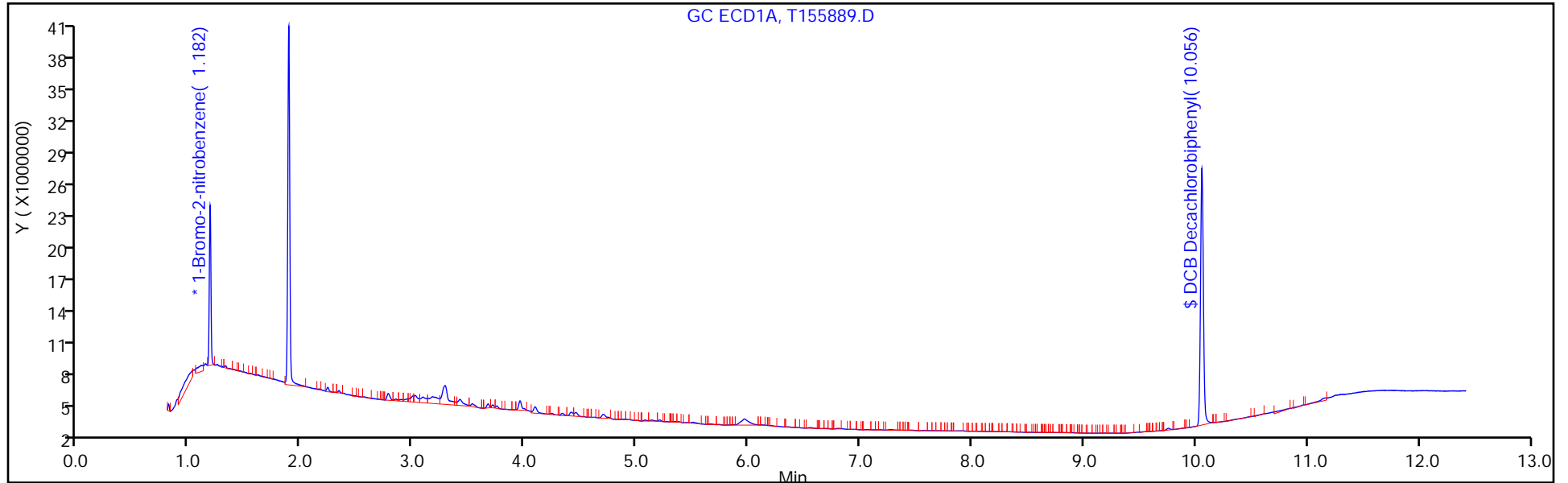
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 59

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



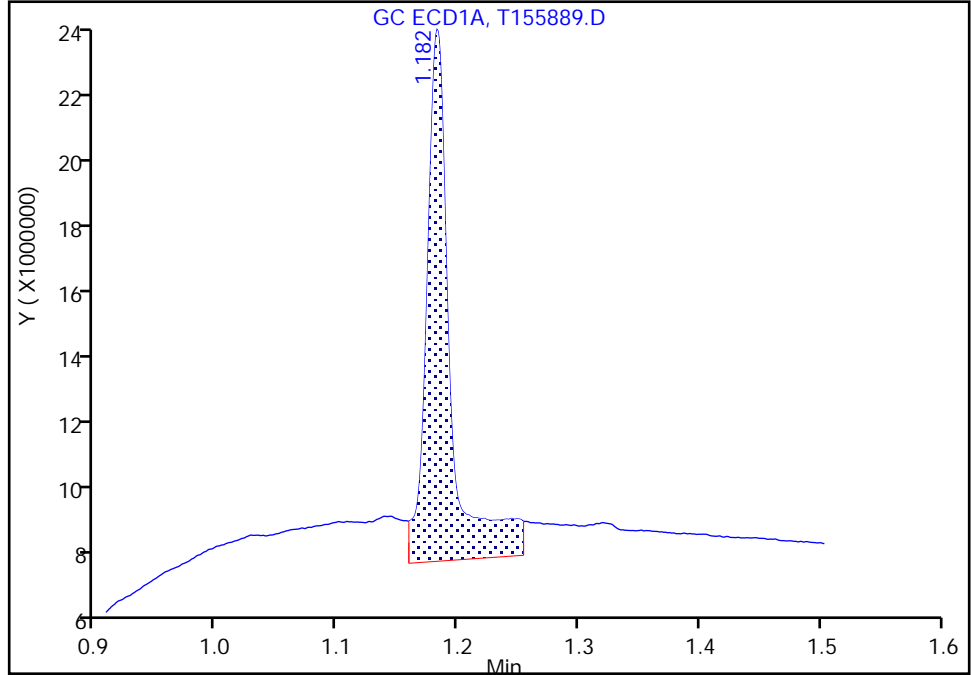
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155889.D  
Injection Date: 28-Feb-2019 05:13:05 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-17-A Lab Sample ID: 460-176080-17  
Client ID: PRA-B4-VD@3-3.5  
Operator ID: ALS Bottle#: 59 Worklist Smp#: 19  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

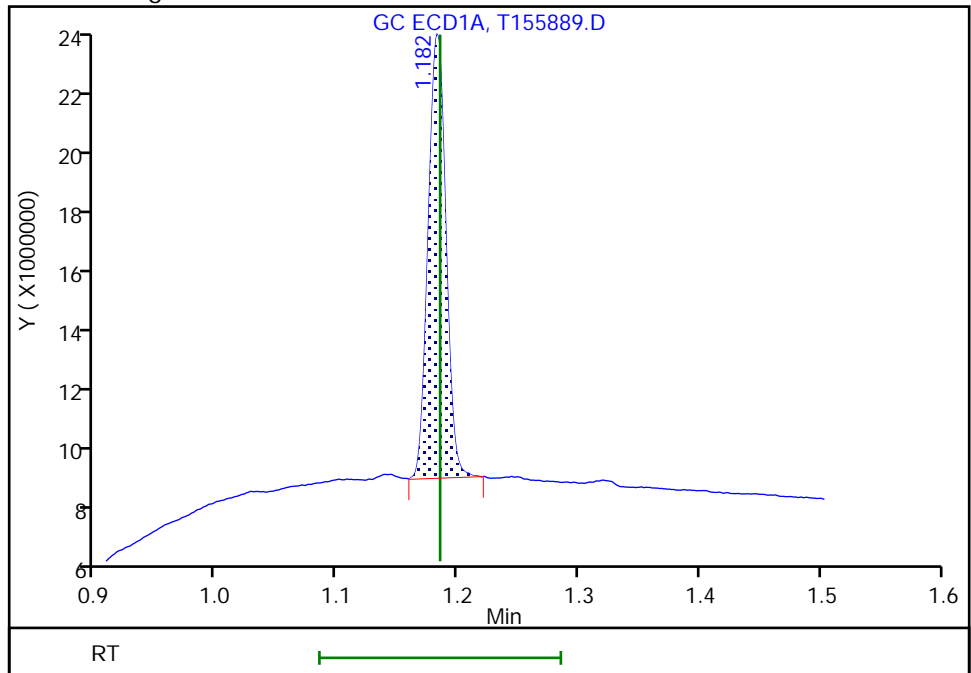
RT: 1.18  
Area: 21627361  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.18  
Area: 14923250  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 06:39:18  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-VD@3-3.5 Lab Sample ID: 460-176080-17  
 Matrix: Solid Lab File ID: T155889.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:07  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 05:13  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 15.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	79	10
11104-28-2	Aroclor 1221	10	U	79	10
11141-16-5	Aroclor 1232	10	U	79	10
53469-21-9	Aroclor 1242	10	U	79	10
12672-29-6	Aroclor 1248	10	U	79	10
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155889.D  
 Lims ID: 460-176080-A-17-A  
 Client ID: PRA-B4-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:13:05 ALS Bottle#: 59 Worklist Smp#: 19  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-019  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:08:58 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 06:39:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.182 1.185 -0.003 14923250 20.0 M  
 2 1.336 1.332 0.004 13910727 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.056 10.068 -0.012 42313867 52.9  
 2 9.637 9.642 -0.005 40859134 62.9  
 RPD = 17.16

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155889.D

Injection Date: 28-Feb-2019 05:13:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-17-A

Lab Sample ID: 460-176080-17

Worklist Smp#: 19

Client ID: PRA-B4-VD@3-3.5

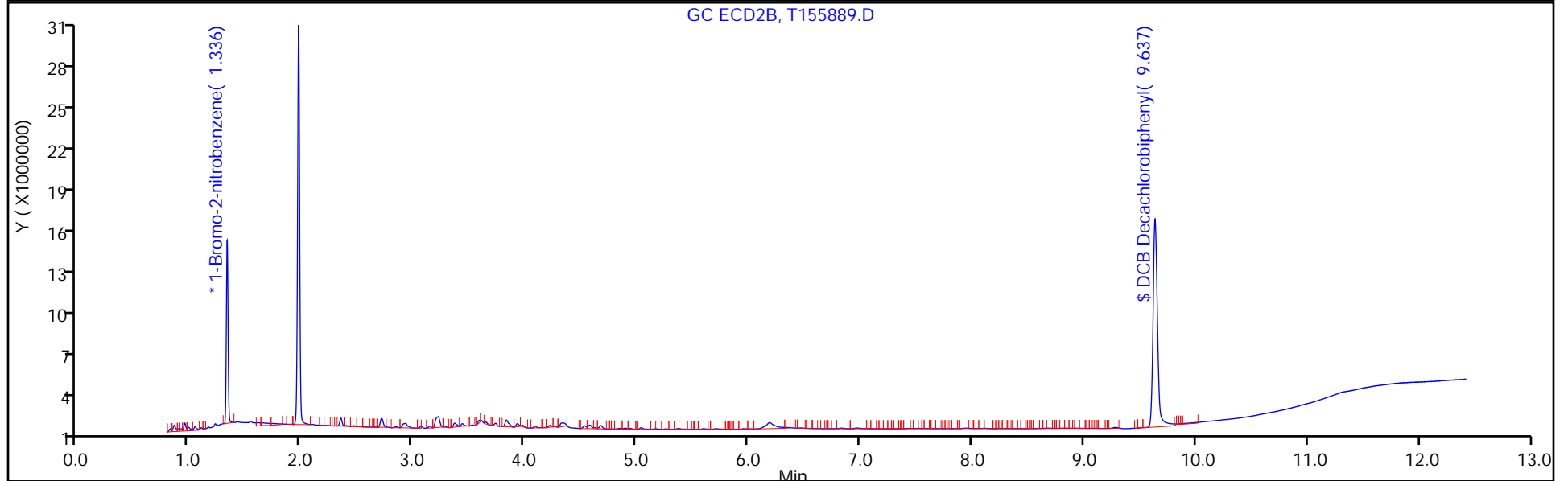
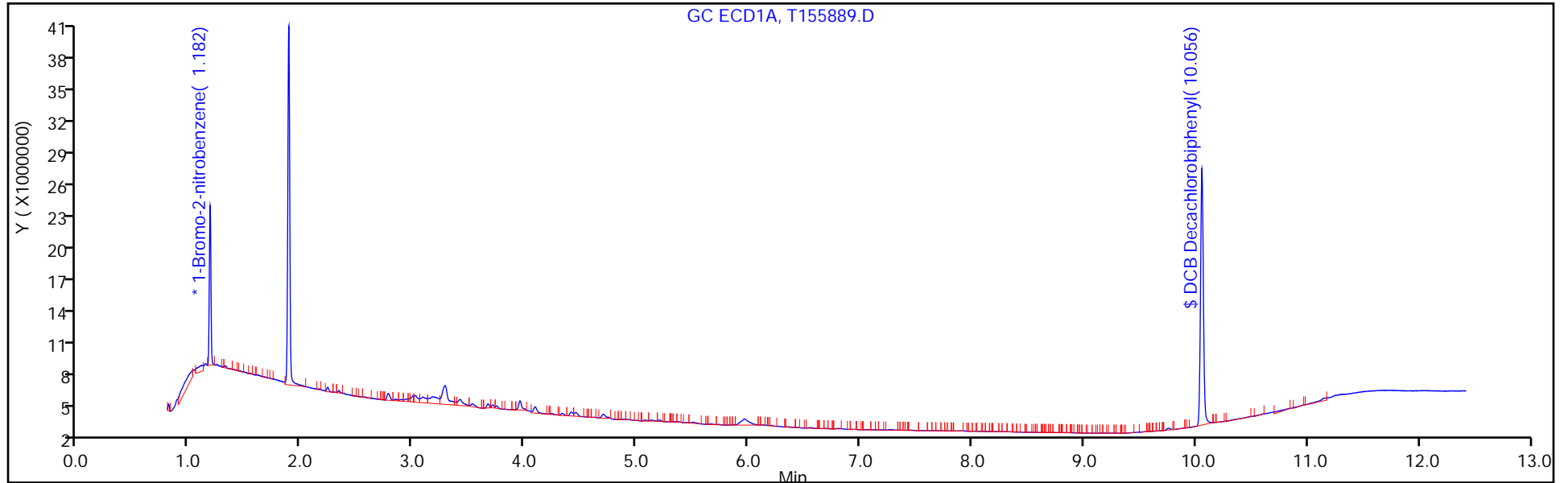
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 59

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

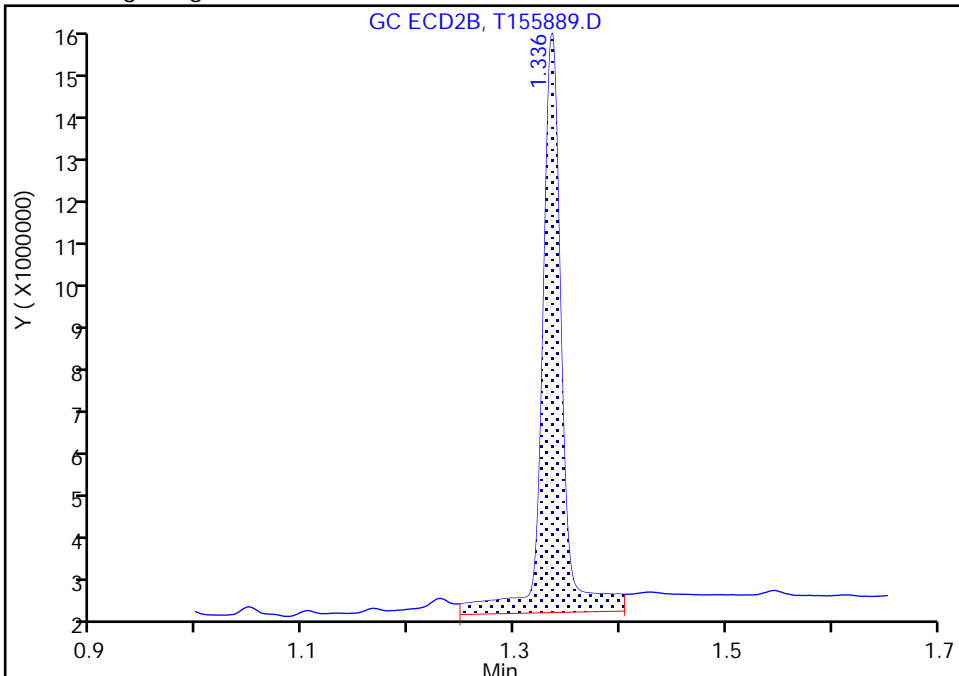
Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155889.D  
Injection Date: 28-Feb-2019 05:13:05 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-17-A Lab Sample ID: 460-176080-17  
Client ID: PRA-B4-VD@3-3.5  
Operator ID: ALS Bottle#: 59 Worklist Smp#: 19  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

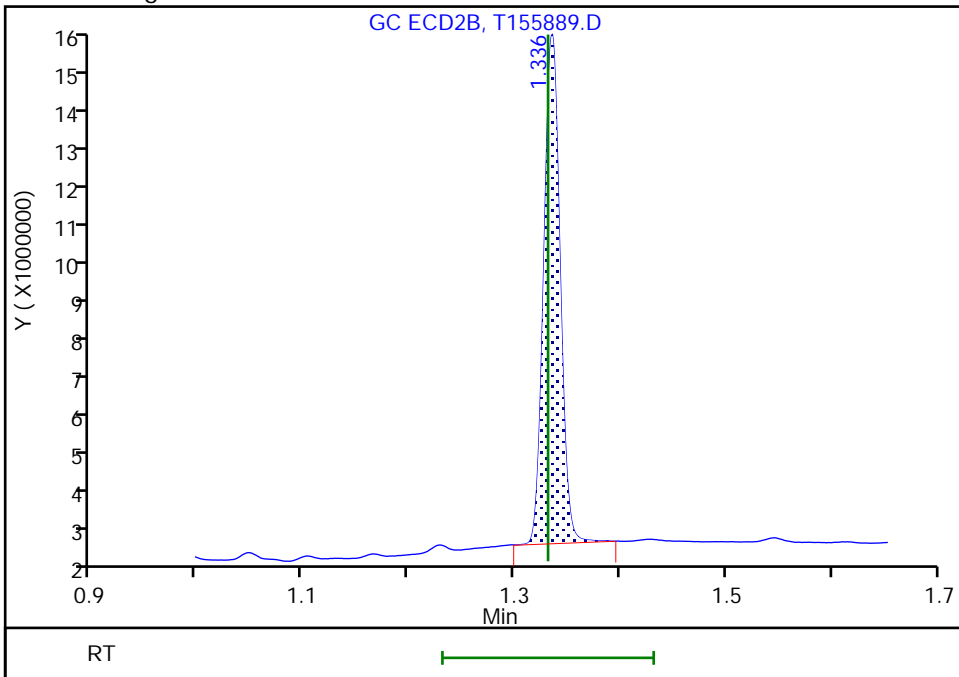
RT: 1.34  
Area: 17136633  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.34  
Area: 13910727  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 13:08:54  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-WT@8-8.5 Lab Sample ID: 460-176080-18  
 Matrix: Solid Lab File ID: T155901.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:10  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 08:39  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 2  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 17.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D  
 Lims ID: 460-176080-A-18-A  
 Client ID: PRA-B4-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 08:39:25 ALS Bottle#: 71 Worklist Smp#: 31  
 Injection Vol: 1.0 ul Dil. Factor: 2.0000  
 Sample Info: 460-0087170-031  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 09:00:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene						M
1	1.184	1.183	0.001	15594124	20.0	M
2	1.336	1.334	0.002	15002779	20.0	
RPD = 0.00						
4 PCB-1242						M
1	2.354	2.353	0.001	10842637	925.0	
1	2.777	2.777	0.000	37874417	1550.9	
1	3.275	3.277	-0.002	82145083	1480.5	
1	3.420	3.421	-0.001	24210264	1114.3	
1	3.528	3.528	0.000	21665690	1298.7	
1	4.089	4.090	-0.001	32017871	1534.2	M
1	4.410	4.411	-0.001	28120659	1483.7	M
1	4.454	4.456	-0.002	31030132	1471.8	M
Average of Peak Amounts =						1357.4
2	2.346	2.344	0.002	9807052	851.4	
2	2.719	2.716	0.003	33951753	1558.5	
2	2.931	2.929	0.002	23864349	1625.3	
2	3.224	3.221	0.003	73468221	1526.7	
2	3.369	3.368	0.001	23290888	1182.9	
2	3.835	3.833	0.002	33736759	1606.7	
2	4.326	4.323	0.003	48345780	1523.6	M
2	4.578	4.576	0.002	19341568	1585.2	
Average of Peak Amounts =						1432.5
RPD = 5.39						



Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.059	10.055	0.004	22429081	26.8
2	9.639	9.633	0.006	21475732	30.6

RPD = 13.18

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D

Injection Date: 28-Feb-2019 08:39:25

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-18-A

Lab Sample ID: 460-176080-18

Worklist Smp#: 31

Client ID: PRA-B4-WT@8-8.5

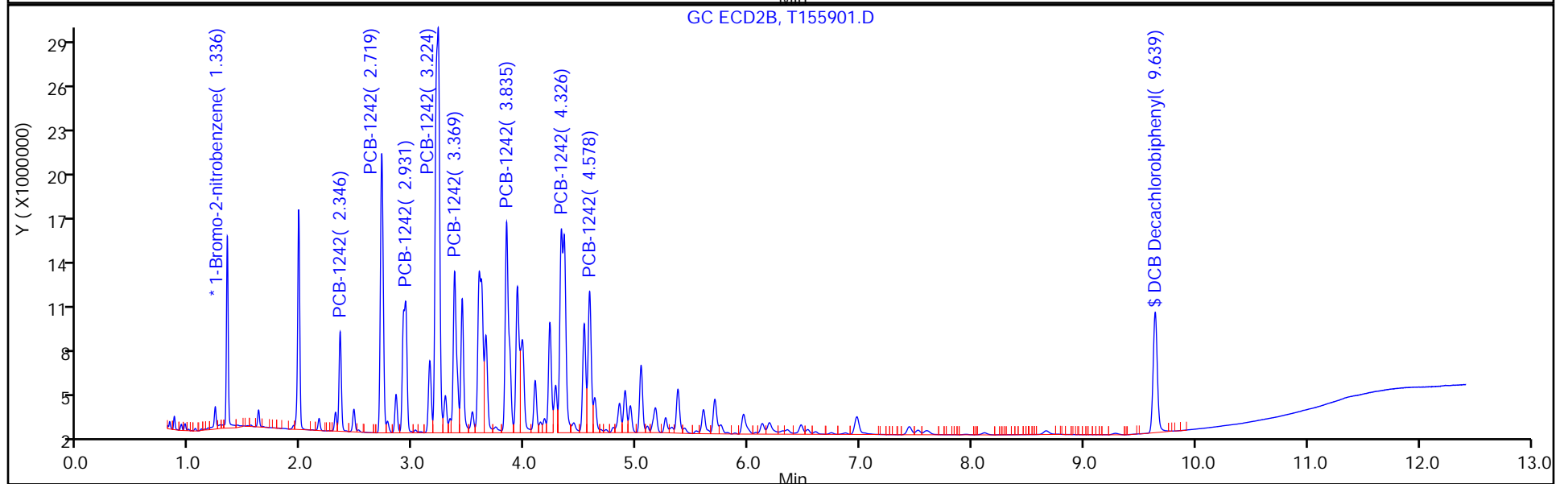
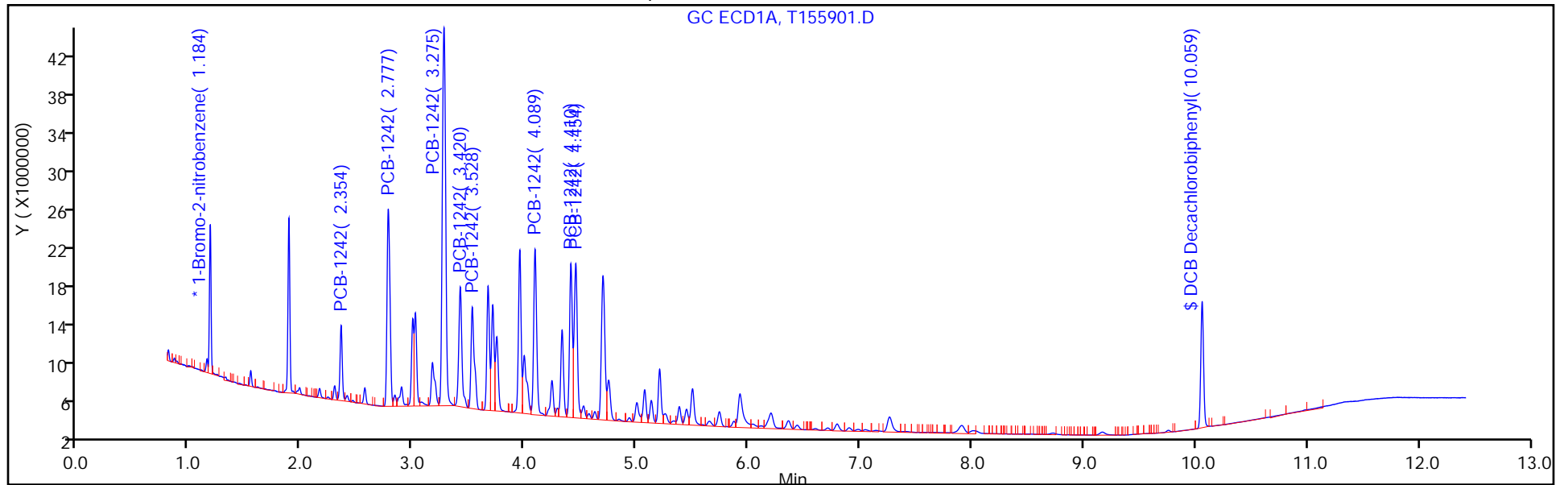
Injection Vol: 1.0 ul

Dil. Factor: 2.0000

ALS Bottle#: 71

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D

Injection Date: 28-Feb-2019 08:39:25

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-18-A

Lab Sample ID: 460-176080-18

Client ID: PRA-B4-WT@8-8.5

Operator ID:

ALS Bottle#: 71

Worklist Smp#: 31

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

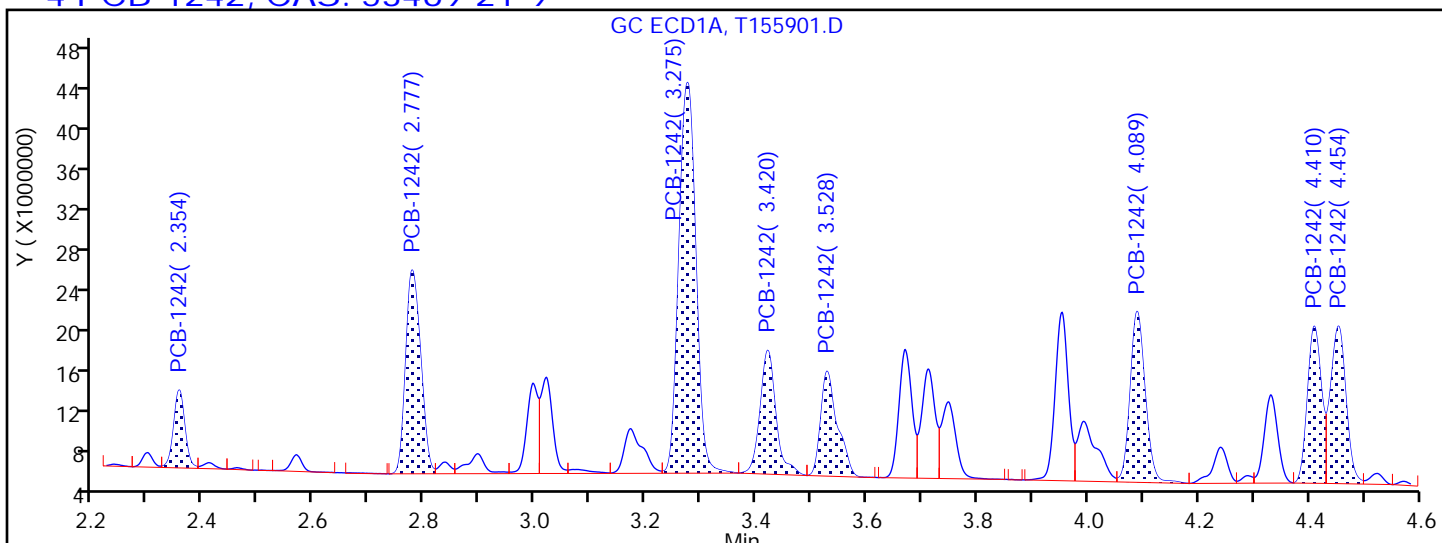
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

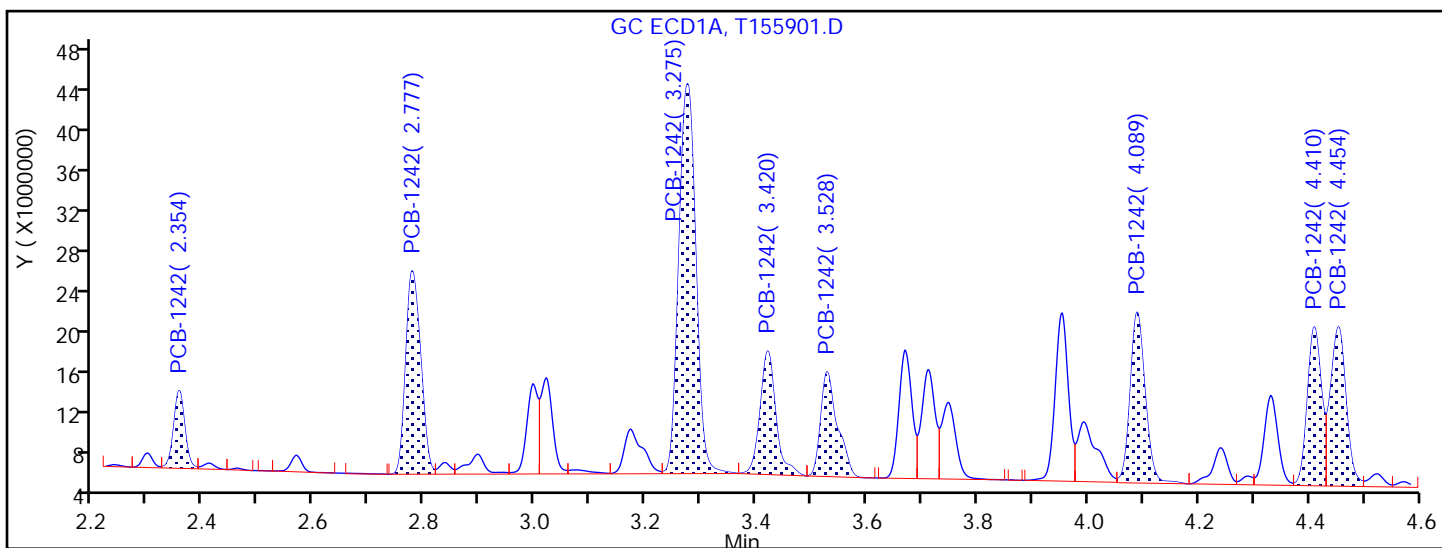
Detector: GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.354	Response = 10842637
2.777	Response = 37874417
3.275	Response = 82145083
3.420	Response = 24210264
3.528	Response = 21665690
4.089	Response = 31891510
4.410	Response = 27391333
4.454	Response = 30180059



Manual Integration Results

2.354	Response = 10842637
2.777	Response = 37874417
3.275	Response = 82145083
3.420	Response = 24210264
3.528	Response = 21665690
4.089	Response = 32017871

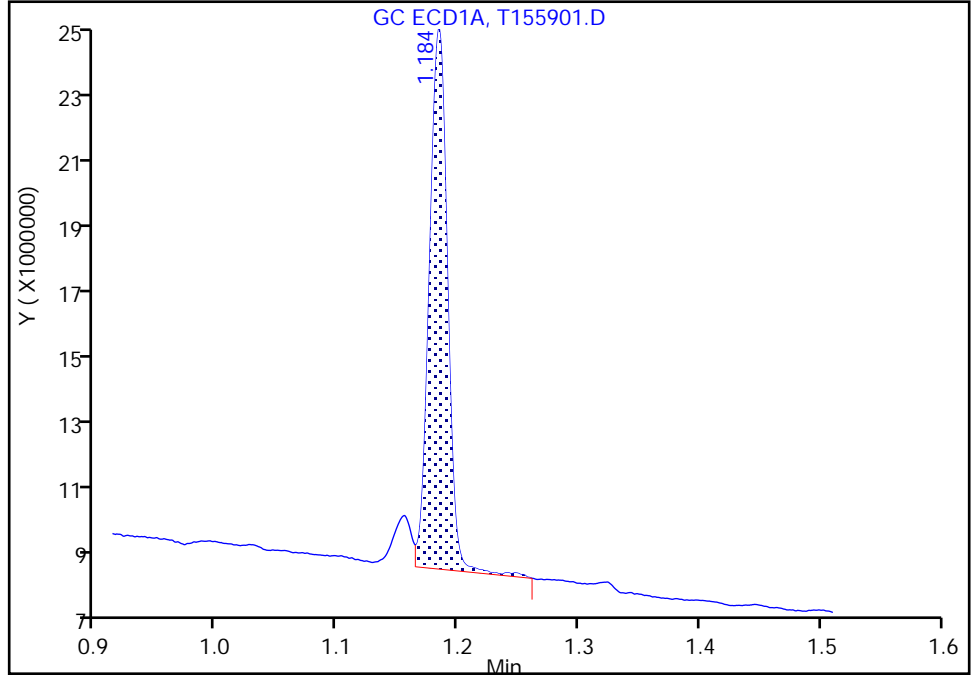
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D  
Injection Date: 28-Feb-2019 08:39:25 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-18-A Lab Sample ID: 460-176080-18  
Client ID: PRA-B4-WT@8-8.5  
Operator ID: ALS Bottle#: 71 Worklist Smp#: 31  
Injection Vol: 1.0 ul Dil. Factor: 2.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

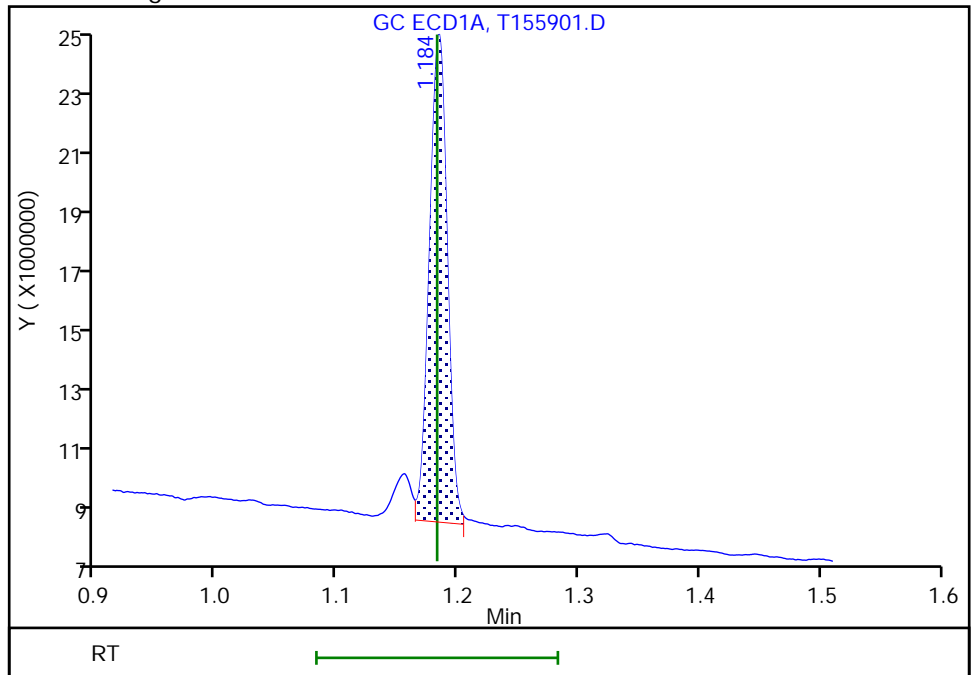
RT: 1.18  
Area: 15888582  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.18  
Area: 15594124  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 08:58:12  
Audit Action: Split an Integrated Peak

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-WT@8-8.5 Lab Sample ID: 460-176080-18  
 Matrix: Solid Lab File ID: T155901.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:10  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 08:39  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 2  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 17.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	22	U	160	22
11104-28-2	Aroclor 1221	22	U	160	22
11141-16-5	Aroclor 1232	22	U	160	22
53469-21-9	Aroclor 1242	2300		160	22
12672-29-6	Aroclor 1248	22	U	160	22
11097-69-1	Aroclor 1254	22	U	160	22
11096-82-5	Aroclor 1260	22	U	160	22
37324-23-5	Aroclor 1262	22	U	160	22
11100-14-4	Aroclor 1268	22	U	160	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D  
 Lims ID: 460-176080-A-18-A  
 Client ID: PRA-B4-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 08:39:25 ALS Bottle#: 71 Worklist Smp#: 31  
 Injection Vol: 1.0 ul Dil. Factor: 2.0000  
 Sample Info: 460-0087170-031  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 09:00:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						M
1	1.184	1.183	0.001	15594124	20.0	M
2	1.336	1.334	0.002	15002779	20.0	
RPD = 0.00						
4 PCB-1242						M
1	2.354	2.353	0.001	10842637	925.0	
1	2.777	2.777	0.000	37874417	1550.9	
1	3.275	3.277	-0.002	82145083	1480.5	
1	3.420	3.421	-0.001	24210264	1114.3	
1	3.528	3.528	0.000	21665690	1298.7	
1	4.089	4.090	-0.001	32017871	1534.2	M
1	4.410	4.411	-0.001	28120659	1483.7	M
1	4.454	4.456	-0.002	31030132	1471.8	M
Average of Peak Amounts =						1357.4
2	2.346	2.344	0.002	9807052	851.4	
2	2.719	2.716	0.003	33951753	1558.5	
2	2.931	2.929	0.002	23864349	1625.3	
2	3.224	3.221	0.003	73468221	1526.7	
2	3.369	3.368	0.001	23290888	1182.9	
2	3.835	3.833	0.002	33736759	1606.7	
2	4.326	4.323	0.003	48345780	1523.6	M
2	4.578	4.576	0.002	19341568	1585.2	
Average of Peak Amounts =						1432.5
RPD = 5.39						

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.059	10.055	0.004	22429081	26.8
2	9.639	9.633	0.006	21475732	30.6

RPD = 13.18

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D

Injection Date: 28-Feb-2019 08:39:25

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-18-A

Lab Sample ID: 460-176080-18

Worklist Smp#: 31

Client ID: PRA-B4-WT@8-8.5

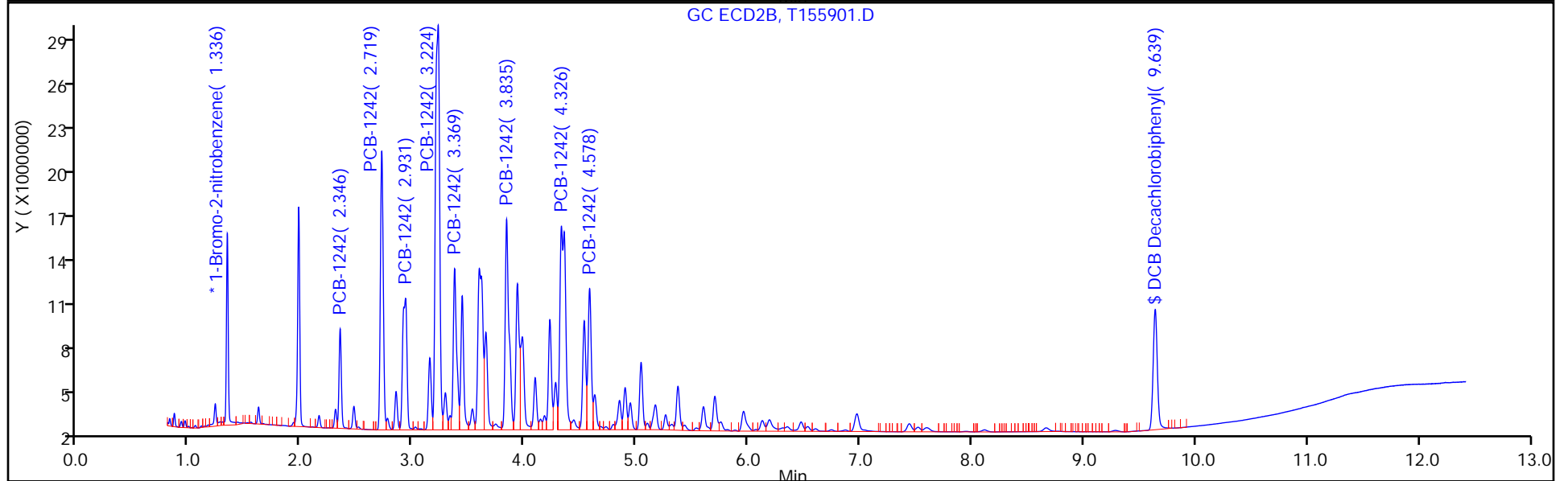
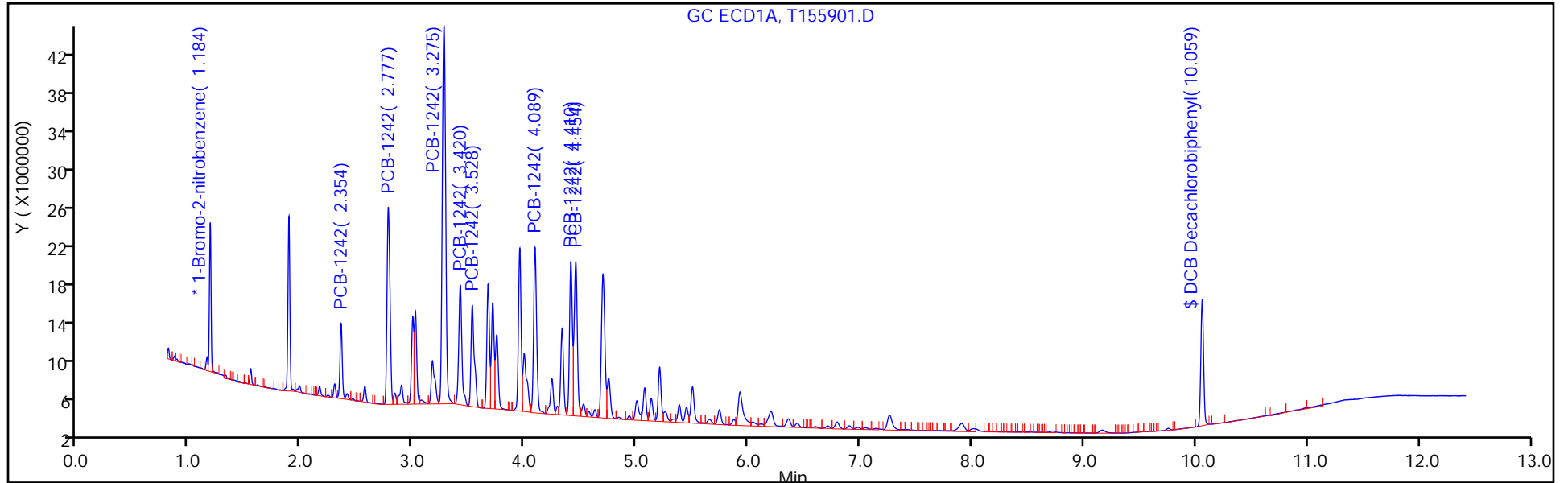
Injection Vol: 1.0 ul

Dil. Factor: 2.0000

ALS Bottle#: 71

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155901.D

Injection Date: 28-Feb-2019 08:39:25

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-18-A

Lab Sample ID: 460-176080-18

Client ID: PRA-B4-WT@8-8.5

Operator ID:

ALS Bottle#: 71

Worklist Smp#: 31

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

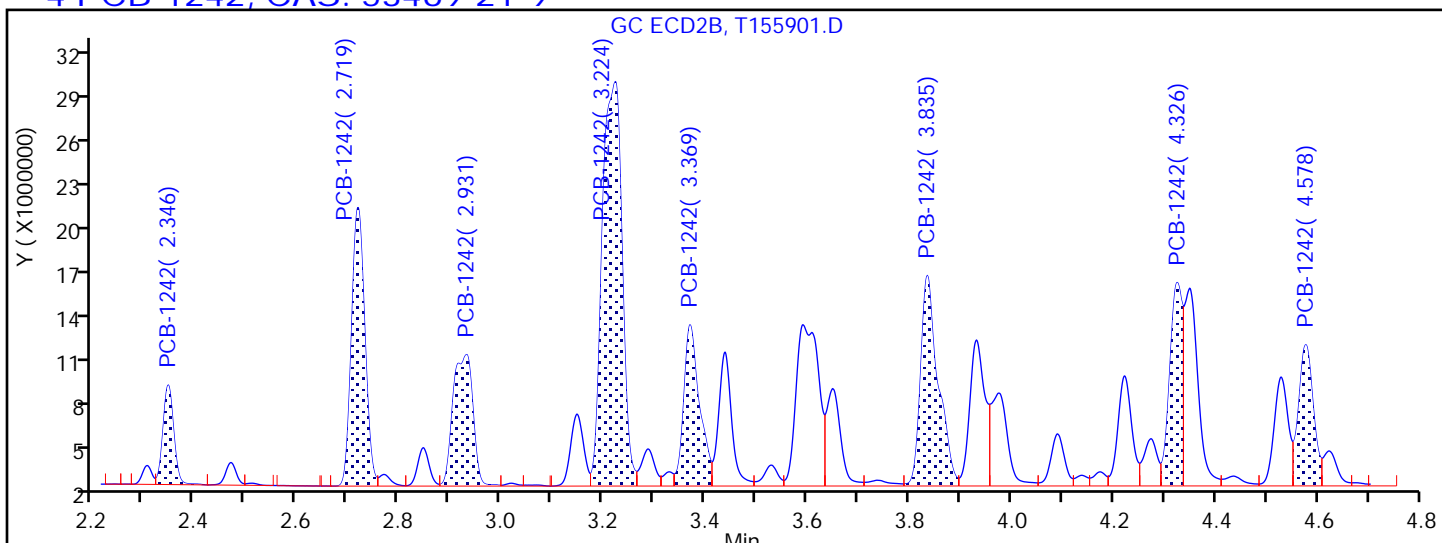
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

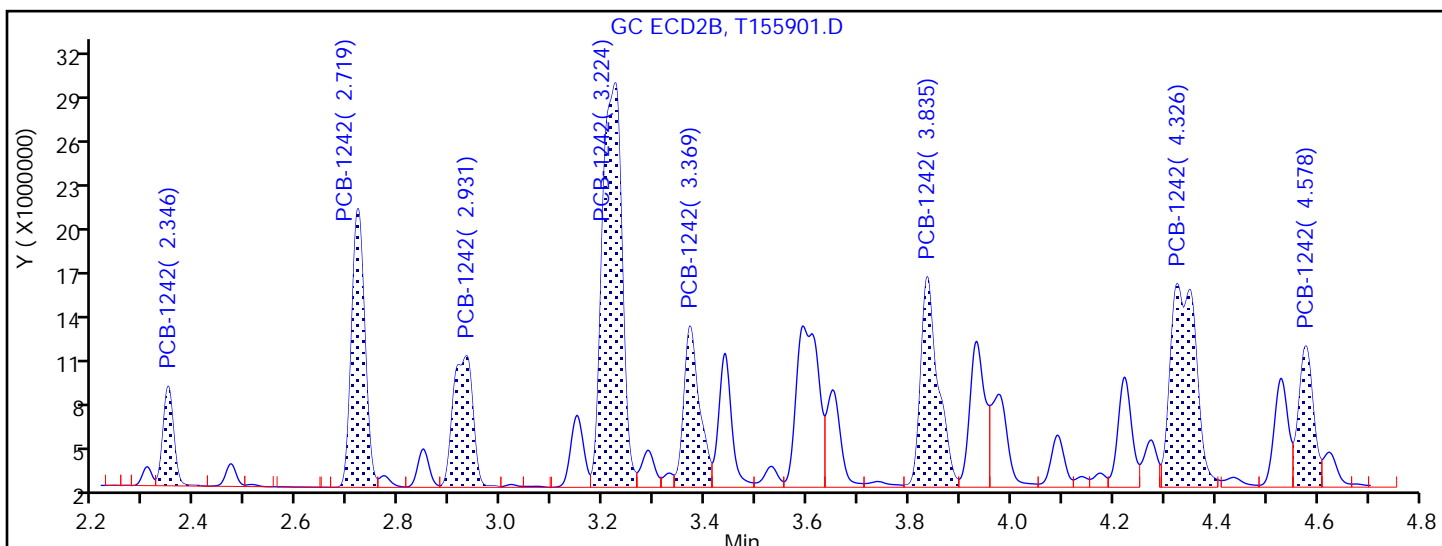
Detector GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.346	Response = 9807052
2.719	Response = 33951753
2.931	Response = 23864349
3.224	Response = 73468221
3.369	Response = 23290888
3.835	Response = 33736759
4.326	Response = 23453351
4.578	Response = 19341568



Manual Integration Results

2.346	Response = 9807052
2.719	Response = 33951753
2.931	Response = 23864349
3.224	Response = 73468221
3.369	Response = 23290888
3.835	Response = 33736759

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-SI@10.5-11 Lab Sample ID: 460-176080-19  
 Matrix: Solid Lab File ID: T155891.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:12  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 05:47  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 14.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155891.D  
 Lims ID: 460-176080-A-19-A  
 Client ID: PRA-B4-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:47:25 ALS Bottle#: 61 Worklist Smp#: 21  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-021  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:55:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.185	1.183	0.002	14329875	20.0	
2	1.337	1.334	0.003	16342005	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	44834351	58.4	
2	9.638	9.633	0.005	43779748	57.3	
RPD = 1.84						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155891.D

Injection Date: 28-Feb-2019 05:47:25

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-19-A

Lab Sample ID: 460-176080-19

Worklist Smp#: 21

Client ID: PRA-B4-SI@10.5-11

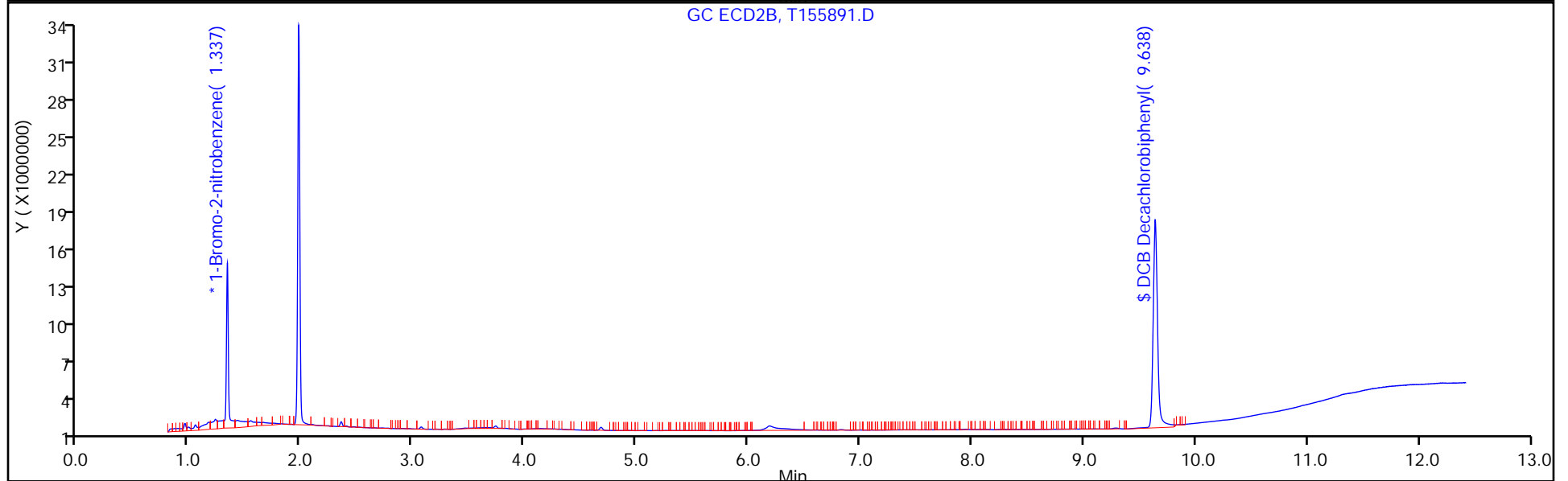
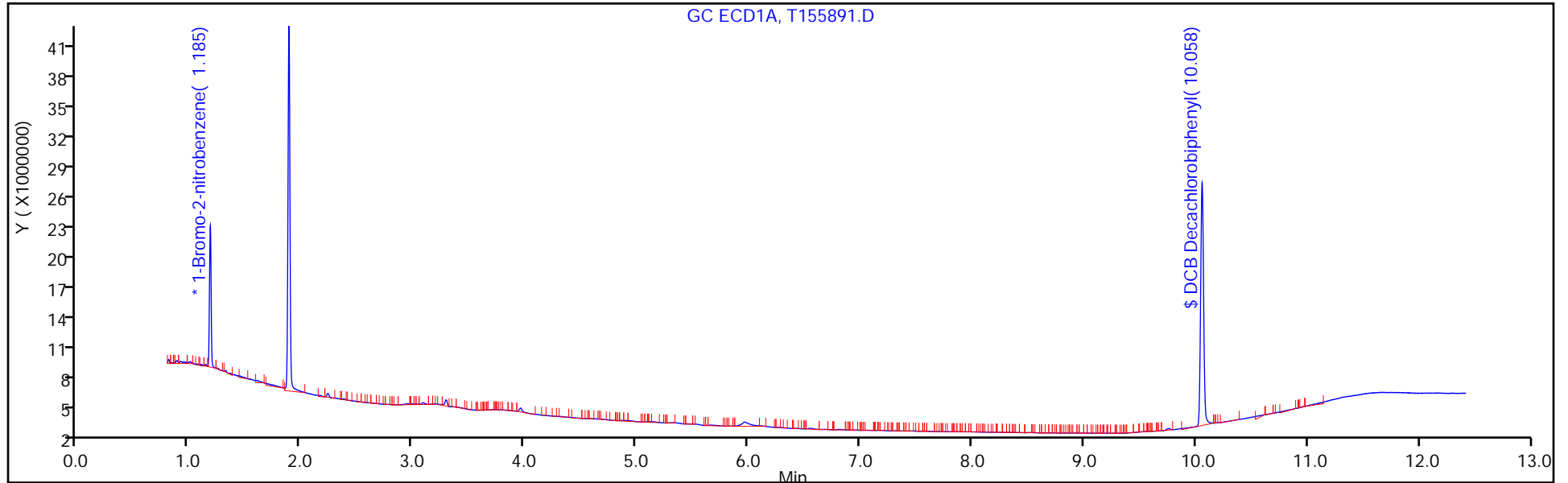
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 61

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-SI@10.5-11 Lab Sample ID: 460-176080-19  
 Matrix: Solid Lab File ID: T155891.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:12  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 05:47  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 14.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	78	10
11104-28-2	Aroclor 1221	10	U	78	10
11141-16-5	Aroclor 1232	10	U	78	10
53469-21-9	Aroclor 1242	10	U	78	10
12672-29-6	Aroclor 1248	10	U	78	10
11097-69-1	Aroclor 1254	11	U	78	11
11096-82-5	Aroclor 1260	11	U	78	11
37324-23-5	Aroclor 1262	11	U	78	11
11100-14-4	Aroclor 1268	11	U	78	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155891.D  
 Lims ID: 460-176080-A-19-A  
 Client ID: PRA-B4-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:47:25 ALS Bottle#: 61 Worklist Smp#: 21  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-021  
 Operator ID: Instrument ID: CPESTGC11

Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D

Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:55:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.185	1.183	0.002	14329875	20.0	
2	1.337	1.334	0.003	16342005	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	44834351	58.4	
2	9.638	9.633	0.005	43779748	57.3	
RPD = 1.84						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155891.D

Injection Date: 28-Feb-2019 05:47:25

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-19-A

Lab Sample ID: 460-176080-19

Worklist Smp#: 21

Client ID: PRA-B4-SI@10.5-11

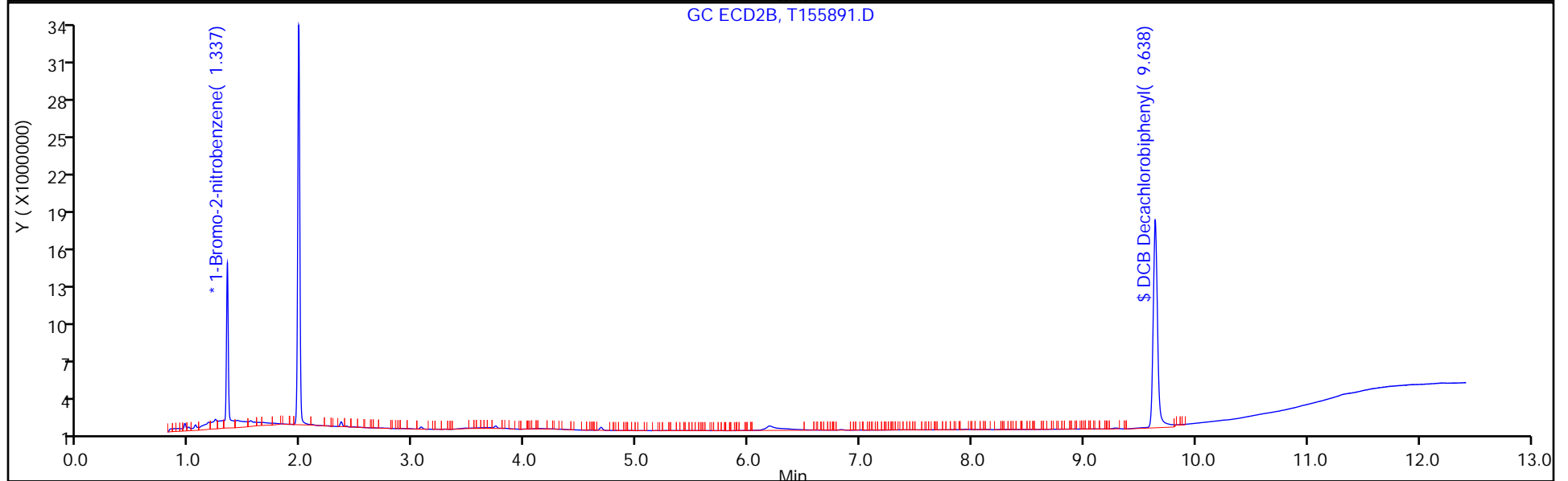
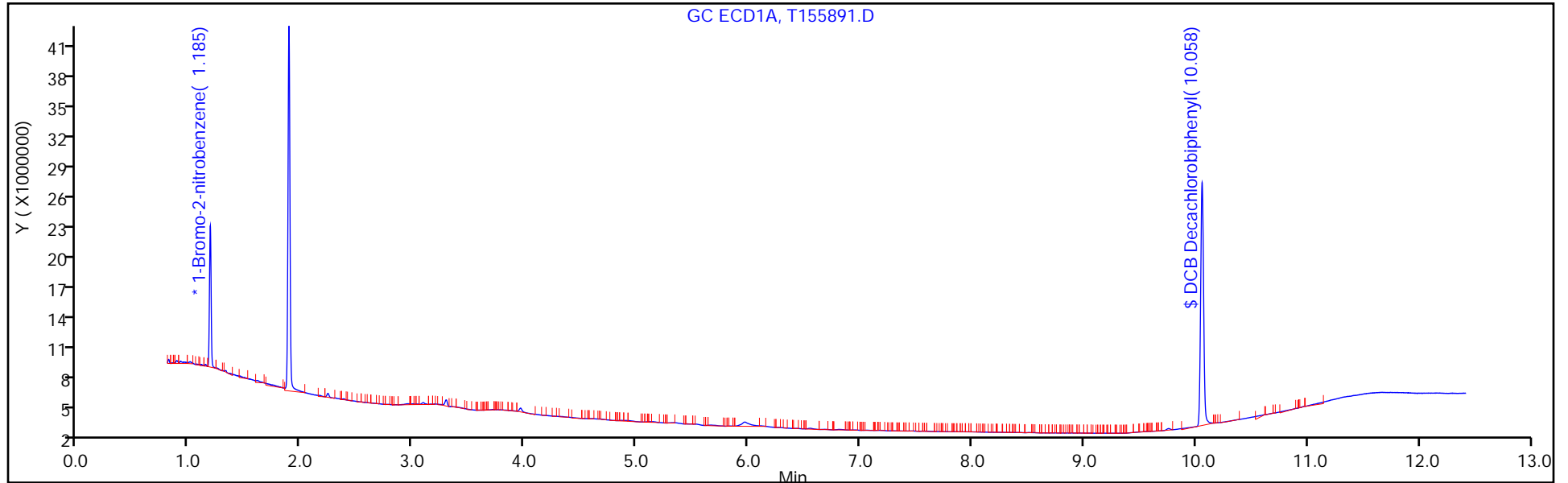
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 61

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-SD@19.5-20 Lab Sample ID: 460-176080-20  
 Matrix: Solid Lab File ID: T155892.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:15  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 06:04  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 14.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155892.D  
 Lims ID: 460-176080-A-20-A  
 Client ID: PRA-B4-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:04:34 ALS Bottle#: 62 Worklist Smp#: 22  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-022  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:56:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.184 1.183 0.001 14610709 20.0 M  
 2 1.336 1.334 0.002 14523277 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.057 10.055 0.002 42877086 54.8  
 2 9.639 9.633 0.006 41001553 60.4  
 RPD = 9.80

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155892.D

Injection Date: 28-Feb-2019 06:04:34

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-20-A

Lab Sample ID: 460-176080-20

Worklist Smp#: 22

Client ID: PRA-B4-SD@19.5-20

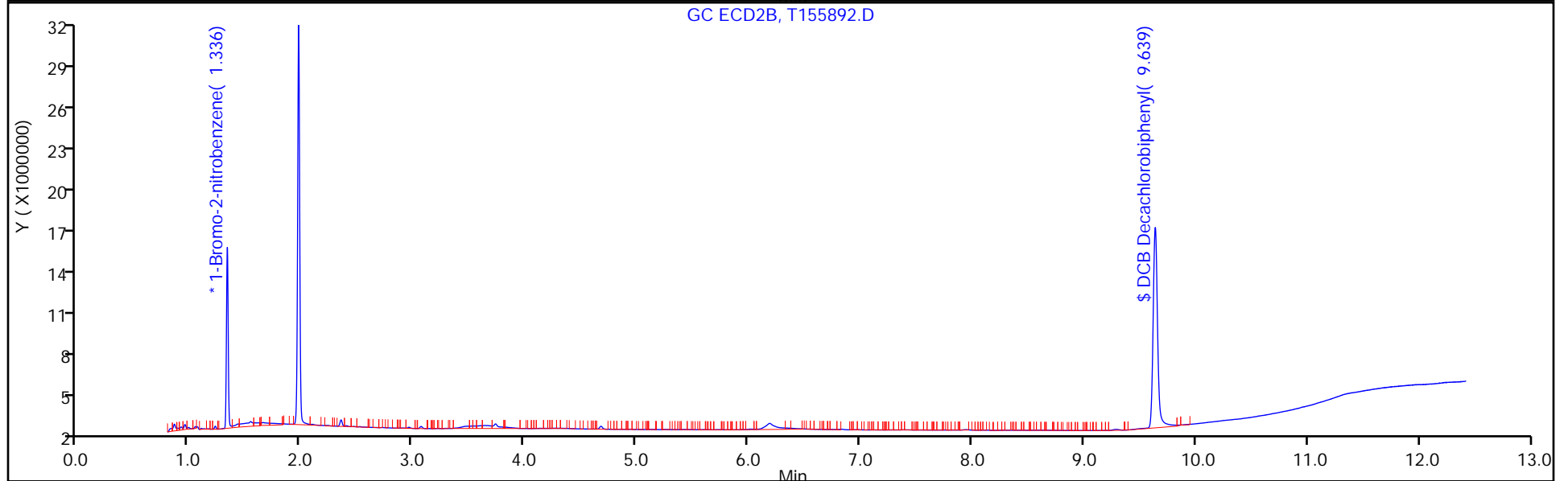
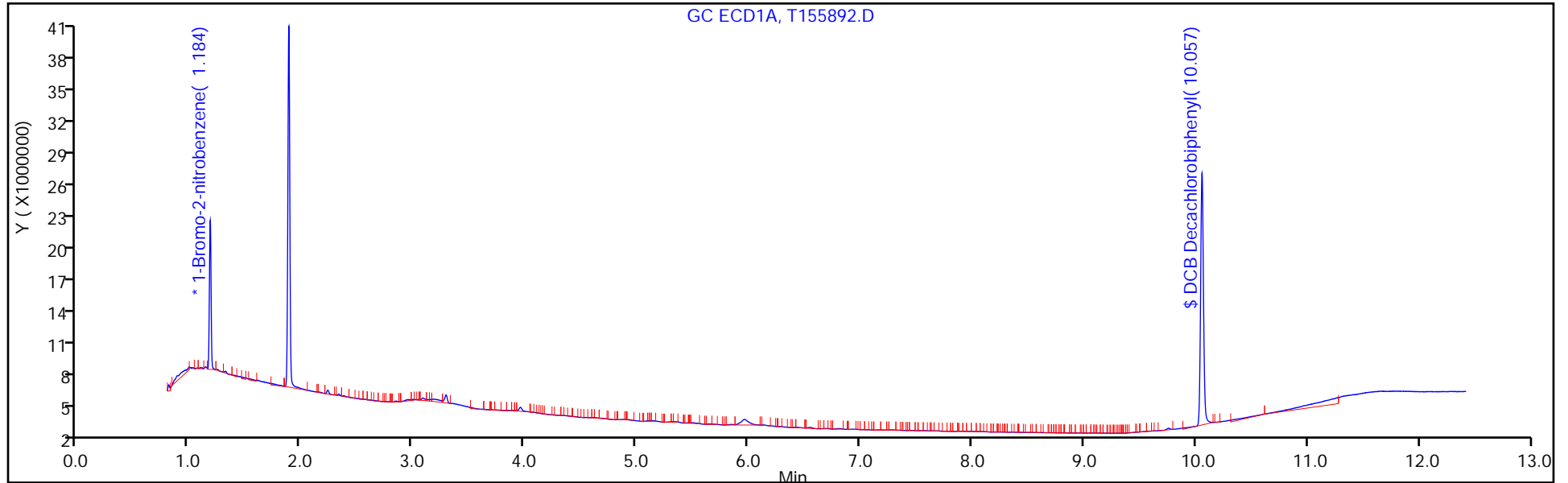
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 62

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

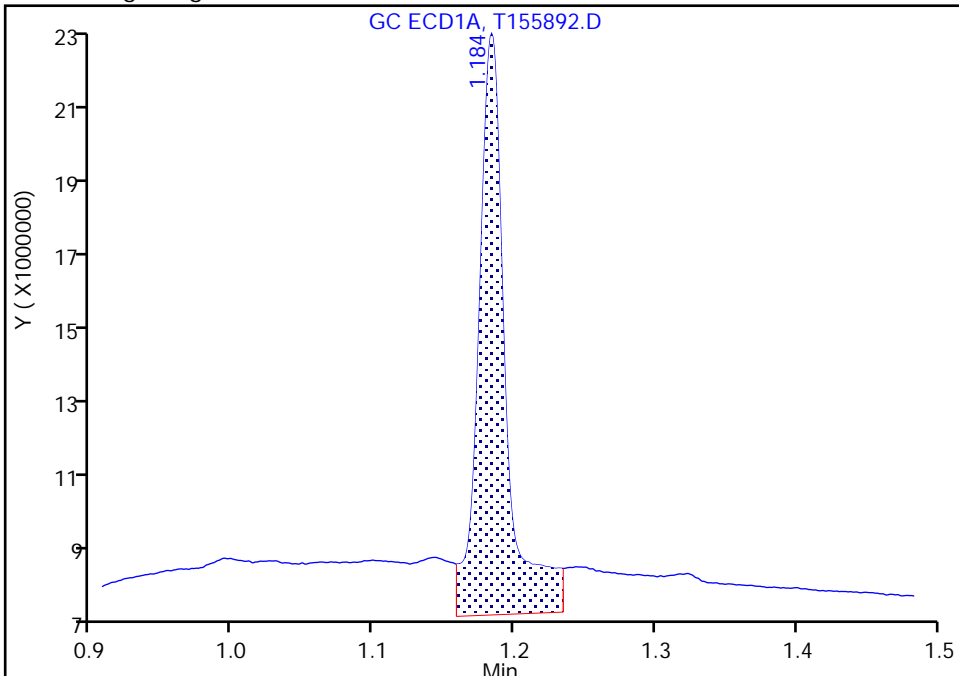
Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155892.D  
Injection Date: 28-Feb-2019 06:04:34 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-20-A Lab Sample ID: 460-176080-20  
Client ID: PRA-B4-SD@19.5-20  
Operator ID: ALS Bottle#: 62 Worklist Smp#: 22  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

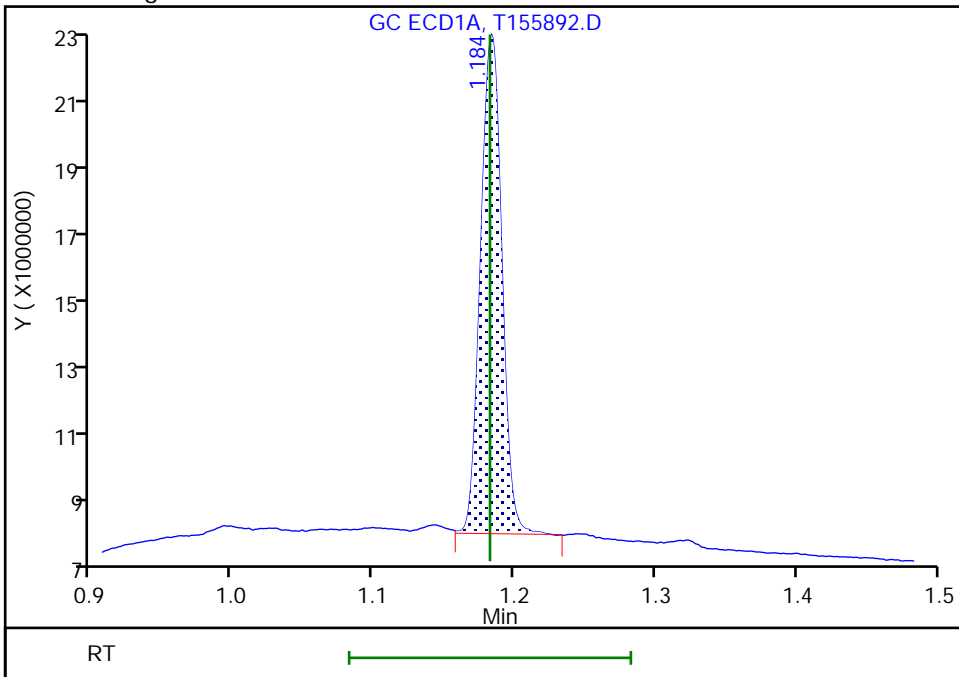
RT: 1.18  
Area: 20256336  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.18  
Area: 14610709  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 06:55:47  
Audit Action: Manually Integrated

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B4-SD@19.5-20 Lab Sample ID: 460-176080-20  
 Matrix: Solid Lab File ID: T155892.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:15  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 06:04  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 14.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	79	10
11104-28-2	Aroclor 1221	10	U	79	10
11141-16-5	Aroclor 1232	10	U	79	10
53469-21-9	Aroclor 1242	10	U	79	10
12672-29-6	Aroclor 1248	10	U	79	10
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155892.D  
 Lims ID: 460-176080-A-20-A  
 Client ID: PRA-B4-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:04:34 ALS Bottle#: 62 Worklist Smp#: 22  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-022  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:56:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.184 1.183 0.001 14610709 20.0 M  
 2 1.336 1.334 0.002 14523277 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.057 10.055 0.002 42877086 54.8  
 2 9.639 9.633 0.006 41001553 60.4  
 RPD = 9.80

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155892.D

Injection Date: 28-Feb-2019 06:04:34

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-20-A

Lab Sample ID: 460-176080-20

Worklist Smp#: 22

Client ID: PRA-B4-SD@19.5-20

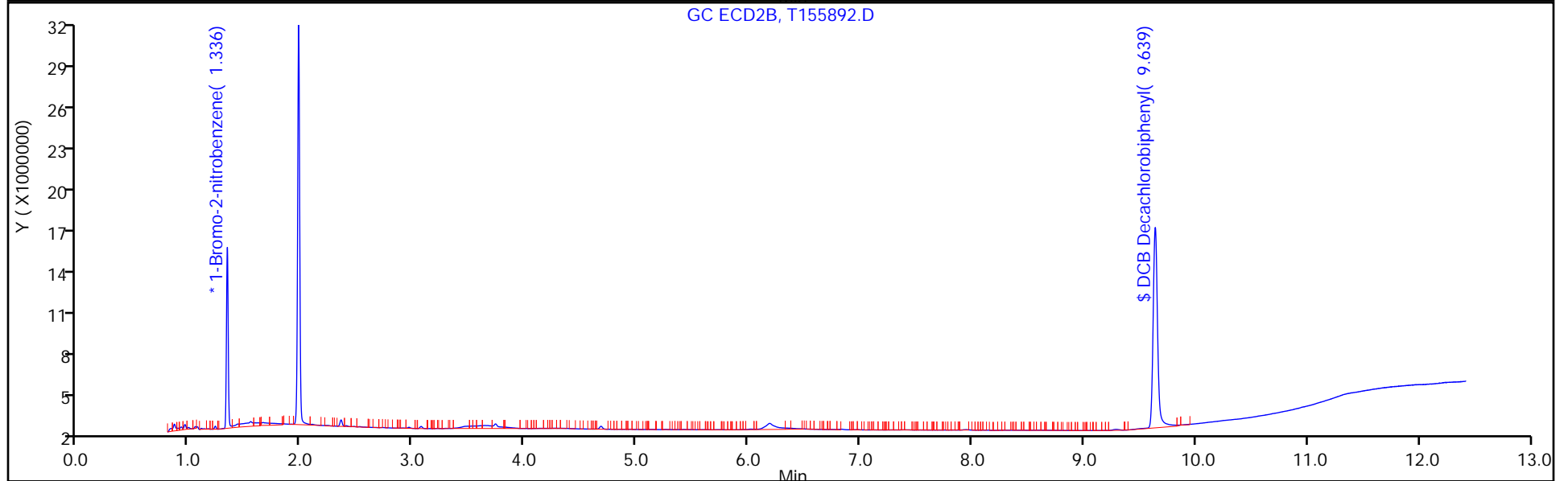
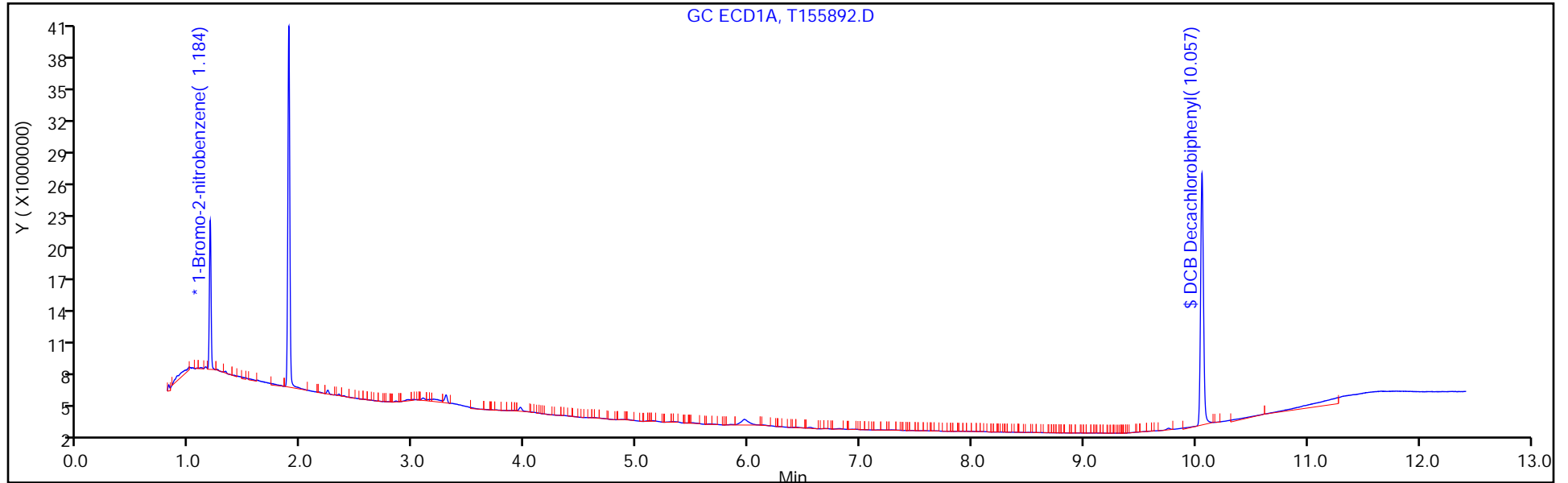
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 62

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-VS@1-1.5 Lab Sample ID: 460-176080-21  
 Matrix: Solid Lab File ID: T155893.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:05  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 06:21  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155893.D  
 Lims ID: 460-176080-A-21-A  
 Client ID: PRA-B5-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:21:41 ALS Bottle#: 63 Worklist Smp#: 23  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-023  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:01:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	14703985	20.0	
2	1.336	1.334	0.002	14454136	20.0	

RPD = 0.00

6 PCB-1248

1	0.000	2.789	0.000	0	0	M
1	3.280	3.290	-0.010	10882947	268.9	M
1	3.670	3.686	-0.016	4088019	164.9	M
1	3.712	3.727	-0.015	3008657	154.2	M
1	4.090	4.107	-0.017	6006780	175.3	M
1	4.412	4.428	-0.016	7373211	197.8	M
1	4.457	4.471	-0.014	13938187	345.9	M
1	5.205	5.224	-0.019	4675910	221.0	

Average of Peak Amounts = 218.3

2	0.000	2.719	0.000	0	0	
2	3.225	3.224	0.001	6556700	195.8	M
2	3.591	3.593	-0.002	7754062	223.7	M
2	3.931	3.933	-0.002	4972329	243.5	M
2	4.354	4.329	0.025	20391451	355.3	M
2	4.581	4.582	-0.001	6901171	280.0	M
2	5.040	5.041	-0.001	4558500	274.7	M
2	5.701	5.701	0.000	3139247	283.4	M

Average of Peak Amounts = 265.2

RPD = 19.41



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

8 PCB-1260						M
1	5.260	5.267	-0.007	1606358	76.9	M
1	5.446	5.449	-0.003	2950390	73.0	M
1	5.740	5.742	-0.002	3508179	64.0	M
1	6.359	6.362	-0.003	2820463	70.0	M
1	6.793	6.796	-0.003	1792576	48.9	M
1	7.264	7.266	-0.002	5563307	56.8	M
1	7.908	7.911	-0.003	3784286	54.5	M
1	9.165	9.173	-0.008	1442284	55.3	

Average of Peak Amounts = 62.4

2	5.257	5.256	0.001	2976840	85.5	M
2	5.957	5.952	0.005	5053725	79.7	M
2	6.124	6.119	0.005	2495958	84.1	M
2	6.470	6.468	0.002	2015592	62.6	M
2	6.968	6.965	0.003	4816471	66.3	M
2	7.440	7.433	0.007	2171306	54.8	M
2	7.595	7.592	0.003	1609211	81.0	M
2	8.665	8.658	0.007	1598278	83.0	M

Average of Peak Amounts = 74.6

RPD = 17.81

\$ 11 DCB Decachlorobiphenyl

1	10.060	10.055	0.005	42809120	54.3	
2	9.639	9.633	0.006	40629263	60.2	

RPD = 10.16

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155893.D

Injection Date: 28-Feb-2019 06:21:41

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-21-A

Lab Sample ID: 460-176080-21

Worklist Smp#: 23

Client ID: PRA-B5-VS@1-1.5

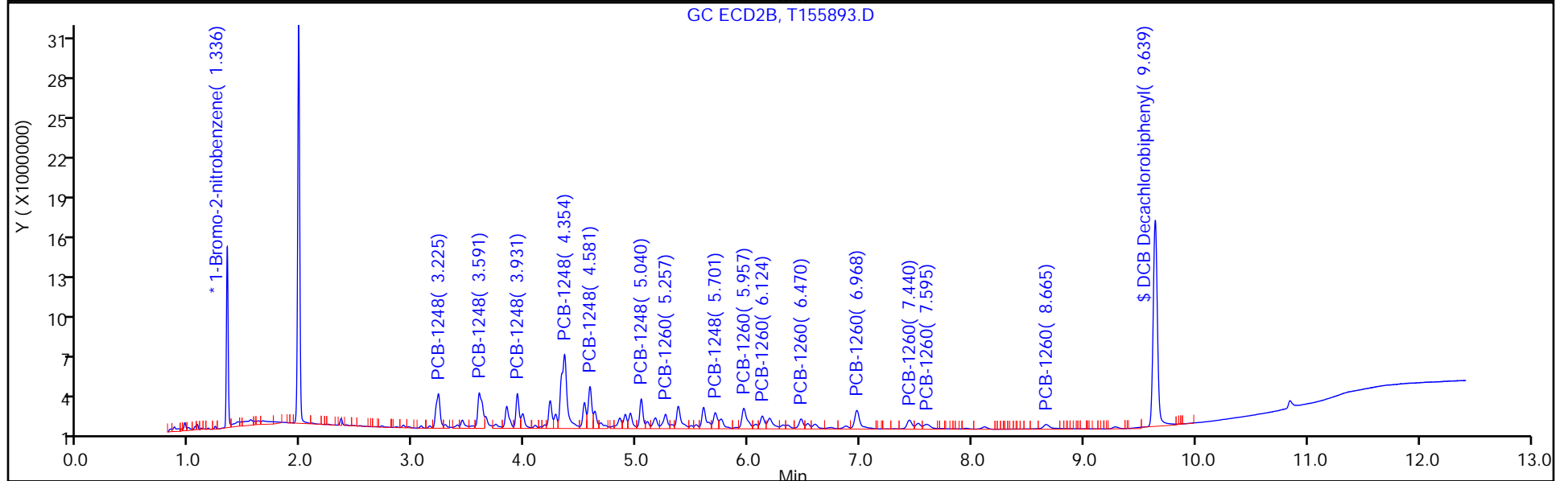
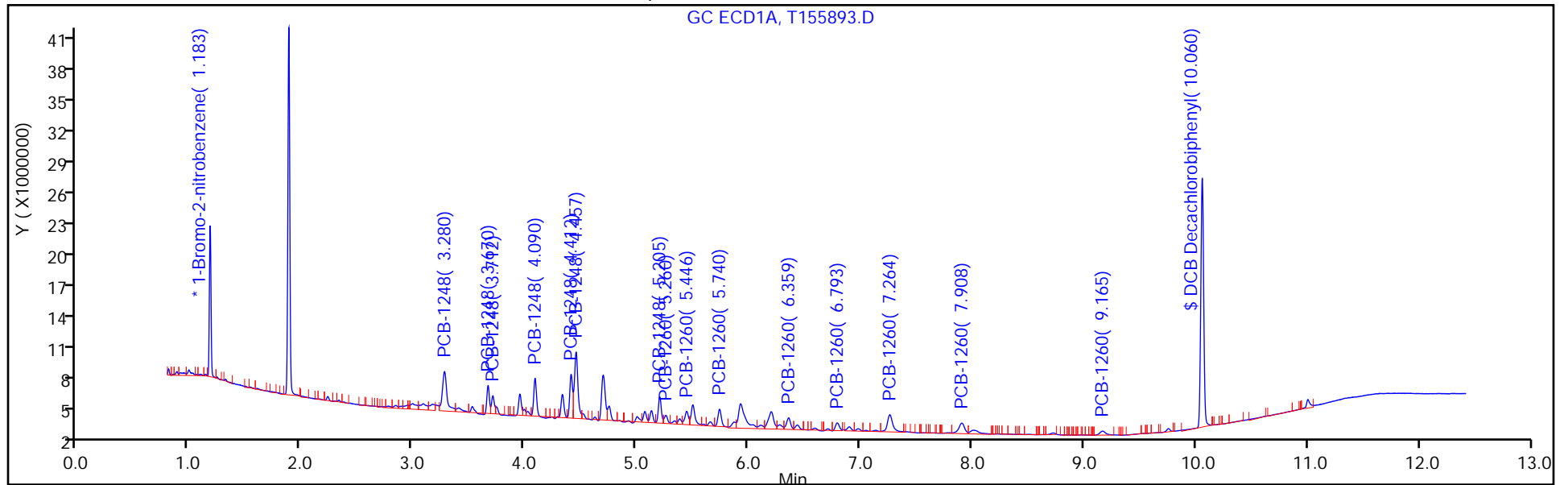
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 63

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155893.D

Injection Date: 28-Feb-2019 06:21:41

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-21-A

Lab Sample ID: 460-176080-21

Client ID: PRA-B5-VS@1-1.5

Operator ID:

ALS Bottle#: 63

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

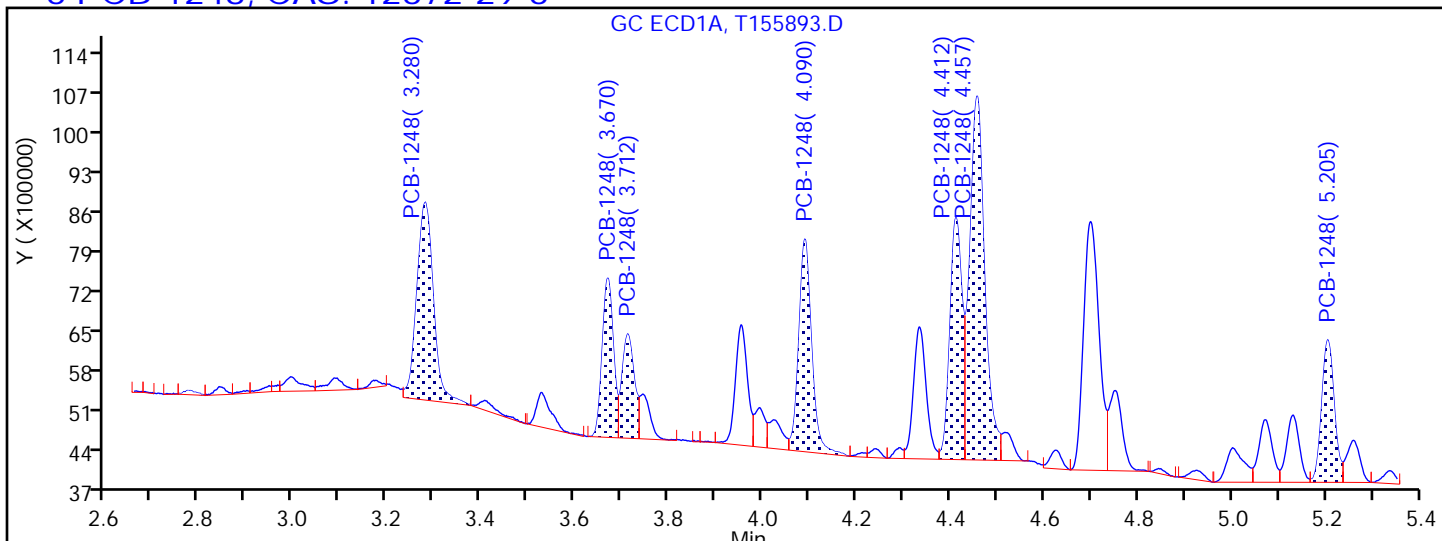
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

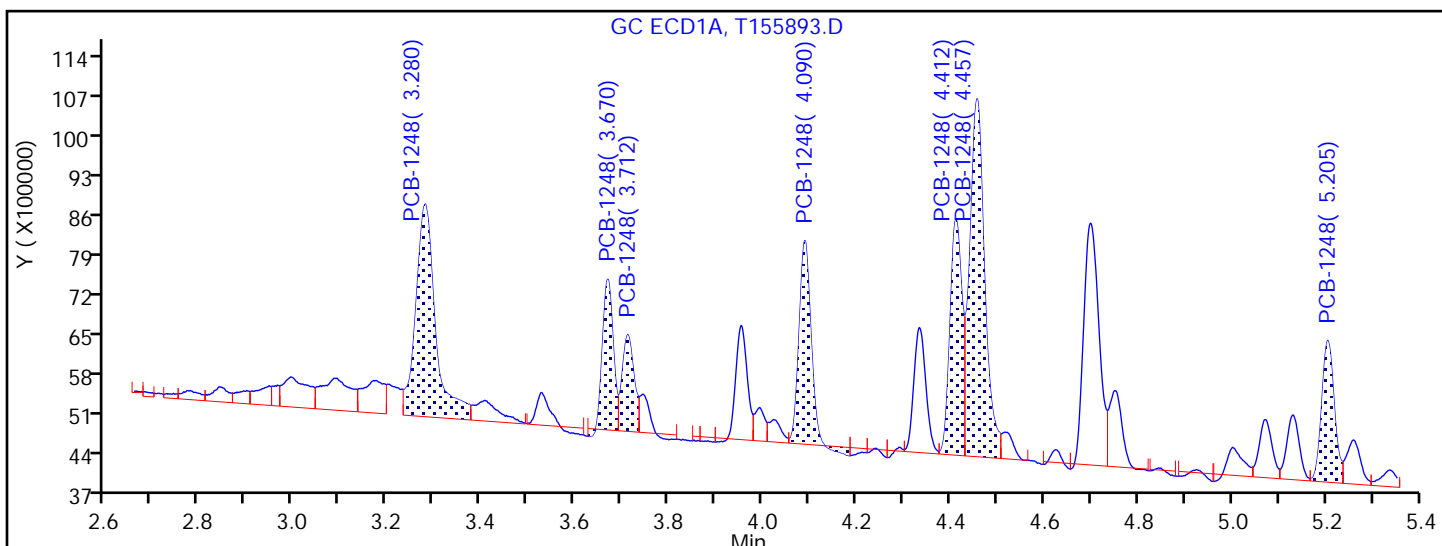
Detector: GC ECD1A

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

2.774	Response = 133355
3.280	Response = 8430080
3.670	Response = 4586327
3.712	Response = 3311238
4.090	Response = 7040205
4.412	Response = 7609067
4.457	Response = 14133293
5.205	Response = 4639929



Manual Integration Results

2.789	Response = 0	
3.280	Response = 10882947	M
3.670	Response = 4088019	M
3.712	Response = 3008657	M
4.090	Response = 6006780	M
4.412	Response = 7373211	M

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155893.D

Injection Date: 28-Feb-2019 06:21:41

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-21-A

Lab Sample ID: 460-176080-21

Client ID: PRA-B5-VS@1-1.5

Operator ID:

ALS Bottle#: 63

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

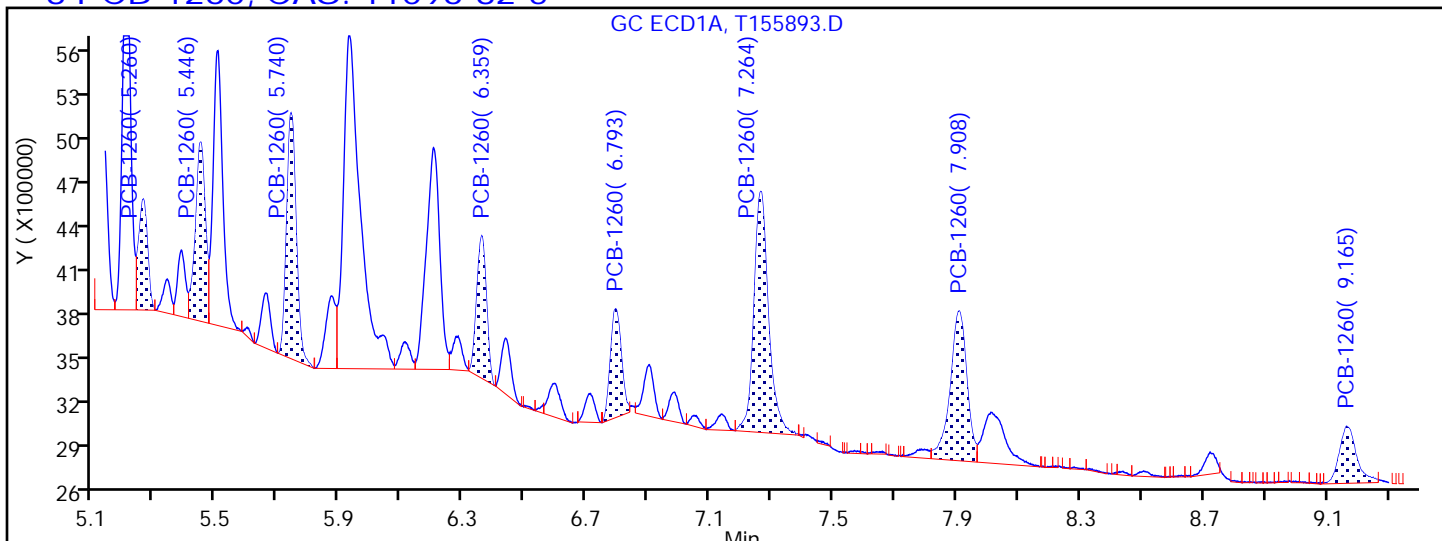
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

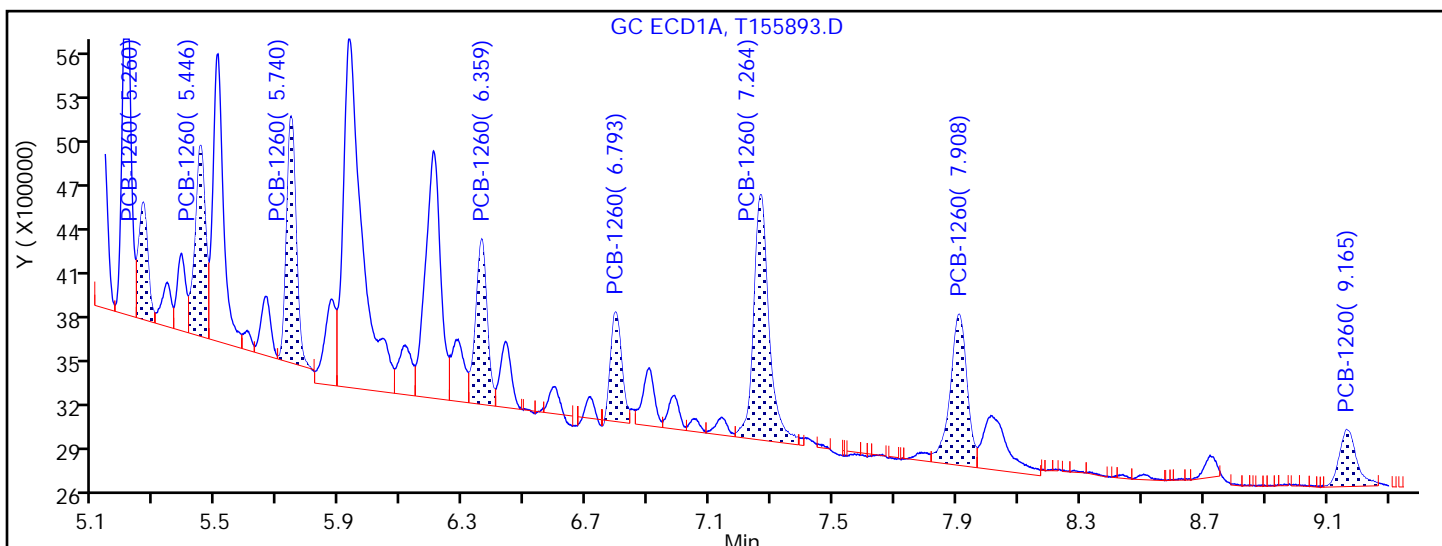
Detector: GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.260	Response = 1440746
5.446	Response = 2641980
5.740	Response = 3492474
6.359	Response = 2037044
6.793	Response = 1761251
7.264	Response = 5180801
7.908	Response = 3719734
9.165	Response = 1442284



Manual Integration Results

5.260	Response = 1606358	M
5.446	Response = 2950390	M
5.740	Response = 3508179	M
6.359	Response = 2820463	M
6.793	Response = 1792576	M
7.264	Response = 5563307	M

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-VS@1-1.5 Lab Sample ID: 460-176080-21  
 Matrix: Solid Lab File ID: T155893.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:05  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 06:21  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 15.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	80	11
11104-28-2	Aroclor 1221	11	U	80	11
11141-16-5	Aroclor 1232	11	U	80	11
53469-21-9	Aroclor 1242	11	U	80	11
12672-29-6	Aroclor 1248	210		80	11
11097-69-1	Aroclor 1254	11	U	80	11
11096-82-5	Aroclor 1260	59	J	80	11
37324-23-5	Aroclor 1262	11	U	80	11
11100-14-4	Aroclor 1268	11	U	80	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155893.D  
 Lims ID: 460-176080-A-21-A  
 Client ID: PRA-B5-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:21:41 ALS Bottle#: 63 Worklist Smp#: 23  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-023  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:01:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	14703985	20.0	
2	1.336	1.334	0.002	14454136	20.0	

RPD = 0.00

6 PCB-1248

1	0.000	2.789	0.000	0	0	M
1	3.280	3.290	-0.010	10882947	268.9	M
1	3.670	3.686	-0.016	4088019	164.9	M
1	3.712	3.727	-0.015	3008657	154.2	M
1	4.090	4.107	-0.017	6006780	175.3	M
1	4.412	4.428	-0.016	7373211	197.8	M
1	4.457	4.471	-0.014	13938187	345.9	M
1	5.205	5.224	-0.019	4675910	221.0	

Average of Peak Amounts = 218.3

2	0.000	2.719	0.000	0	0	
2	3.225	3.224	0.001	6556700	195.8	M
2	3.591	3.593	-0.002	7754062	223.7	M
2	3.931	3.933	-0.002	4972329	243.5	M
2	4.354	4.329	0.025	20391451	355.3	M
2	4.581	4.582	-0.001	6901171	280.0	M
2	5.040	5.041	-0.001	4558500	274.7	M
2	5.701	5.701	0.000	3139247	283.4	M

Average of Peak Amounts = 265.2

RPD = 19.41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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8 PCB-1260						M
1	5.260	5.267	-0.007	1606358	76.9	M
1	5.446	5.449	-0.003	2950390	73.0	M
1	5.740	5.742	-0.002	3508179	64.0	M
1	6.359	6.362	-0.003	2820463	70.0	M
1	6.793	6.796	-0.003	1792576	48.9	M
1	7.264	7.266	-0.002	5563307	56.8	M
1	7.908	7.911	-0.003	3784286	54.5	M
1	9.165	9.173	-0.008	1442284	55.3	

Average of Peak Amounts = 62.4

2	5.257	5.256	0.001	2976840	85.5	M
2	5.957	5.952	0.005	5053725	79.7	M
2	6.124	6.119	0.005	2495958	84.1	M
2	6.470	6.468	0.002	2015592	62.6	M
2	6.968	6.965	0.003	4816471	66.3	M
2	7.440	7.433	0.007	2171306	54.8	M
2	7.595	7.592	0.003	1609211	81.0	M
2	8.665	8.658	0.007	1598278	83.0	M

Average of Peak Amounts = 74.6

RPD = 17.81

\$ 11 DCB Decachlorobiphenyl

1	10.060	10.055	0.005	42809120	54.3	
2	9.639	9.633	0.006	40629263	60.2	

RPD = 10.16

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155893.D

Injection Date: 28-Feb-2019 06:21:41

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-21-A

Lab Sample ID: 460-176080-21

Worklist Smp#: 23

Client ID: PRA-B5-VS@1-1.5

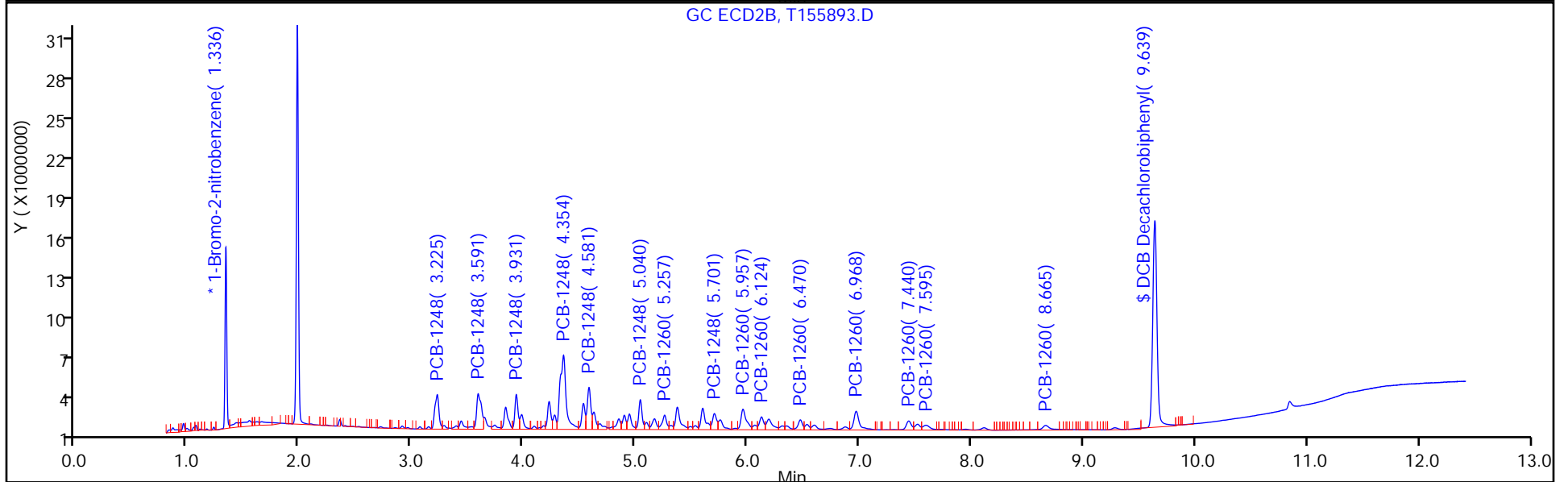
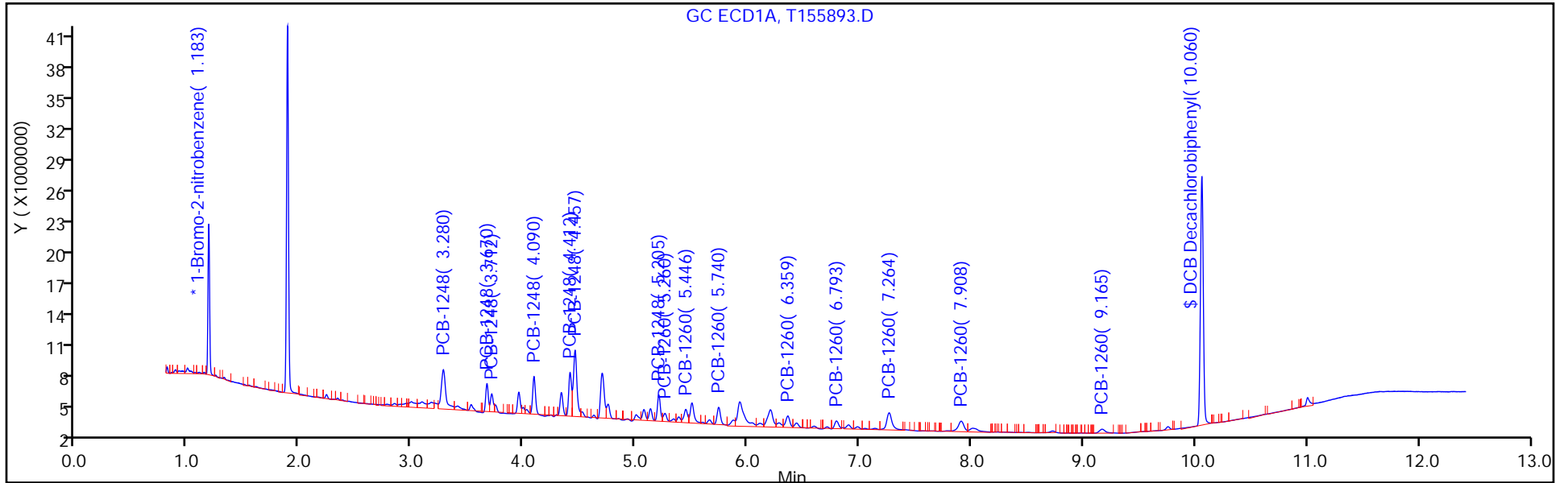
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 63

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155893.D

Injection Date: 28-Feb-2019 06:21:41

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-21-A

Lab Sample ID: 460-176080-21

Client ID: PRA-B5-VS@1-1.5

Operator ID:

ALS Bottle#: 63

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

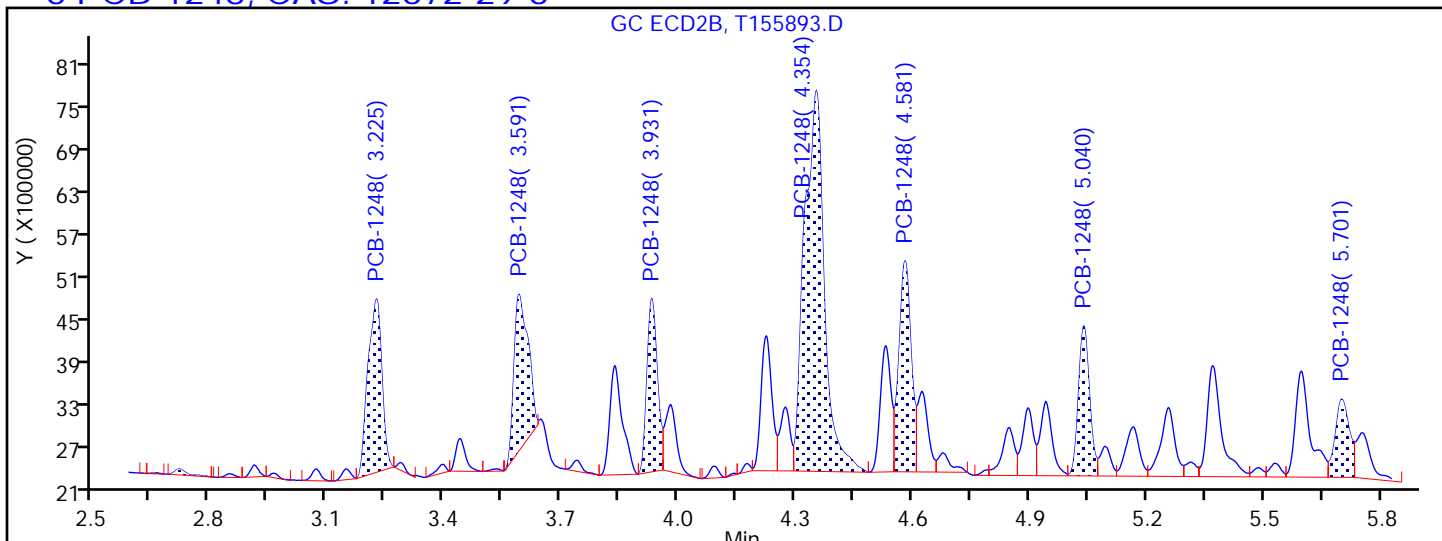
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

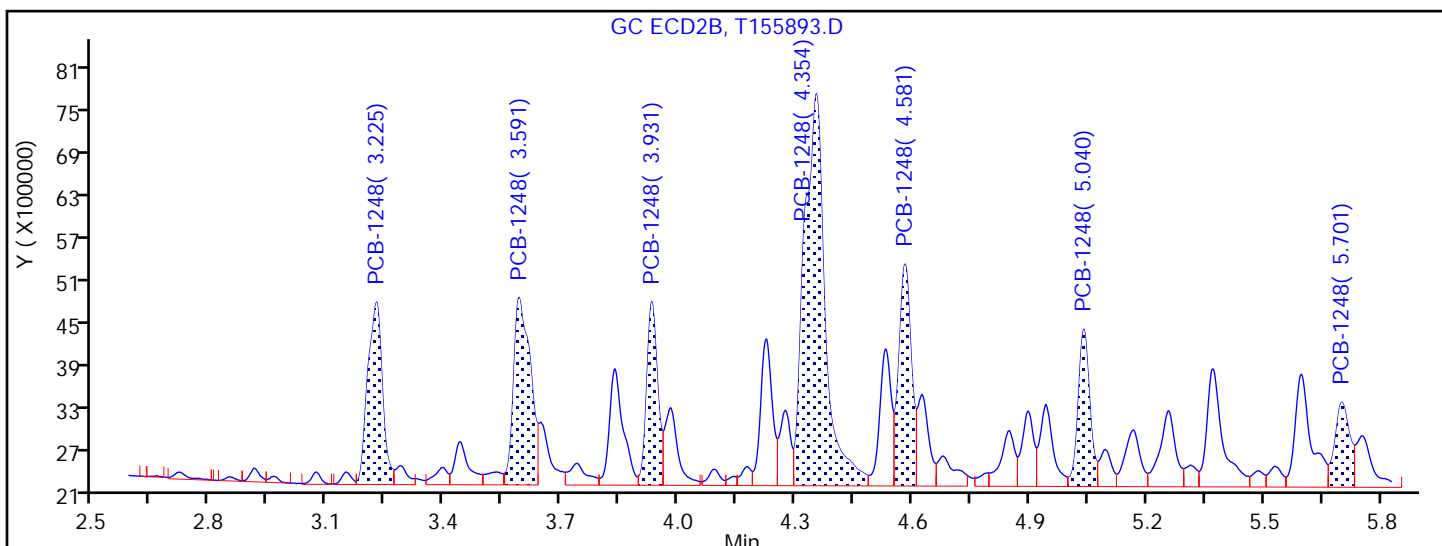
Detector: GC ECD2B

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

2.718	Response = 167099
3.225	Response = 5865108
3.591	Response = 5319404
3.931	Response = 4438547
4.354	Response = 18628254
4.581	Response = 6371161
5.040	Response = 4081133
5.701	Response = 2759598



Manual Integration Results

2.719	Response = 0	
3.225	Response = 6556700	M
3.591	Response = 7754062	M
3.931	Response = 4972329	M
4.354	Response = 20391451	M
4.581	Response = 6901171	M

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155893.D

Injection Date: 28-Feb-2019 06:21:41

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-21-A

Lab Sample ID: 460-176080-21

Client ID: PRA-B5-VS@1-1.5

Operator ID:

ALS Bottle#: 63 Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

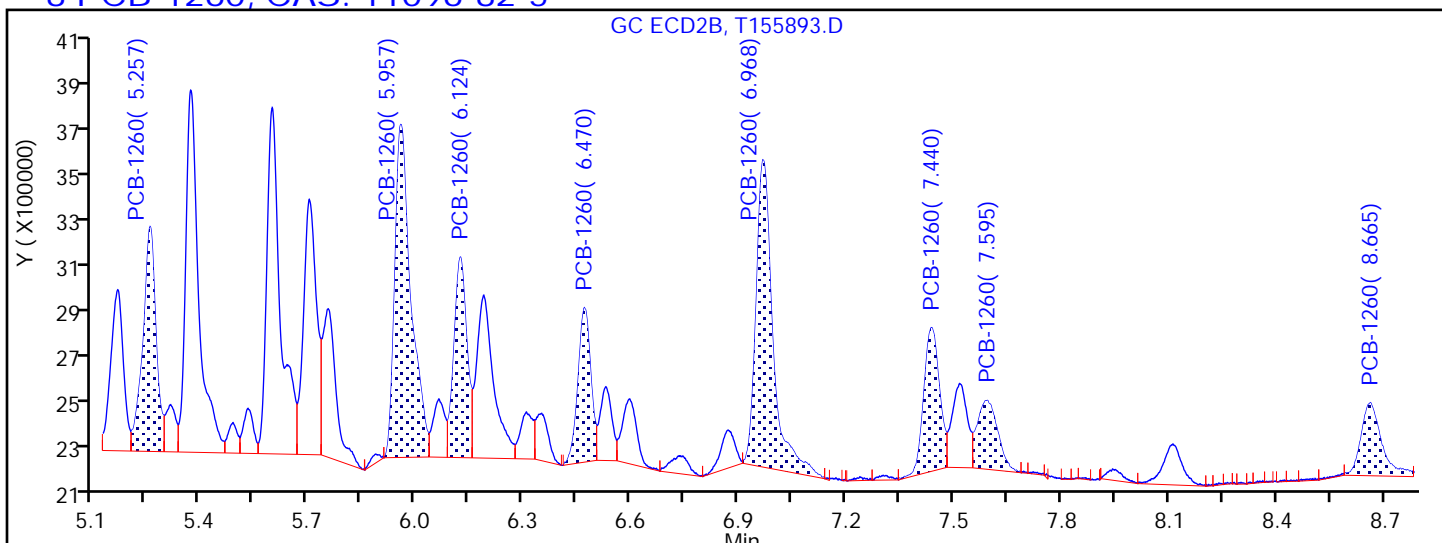
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

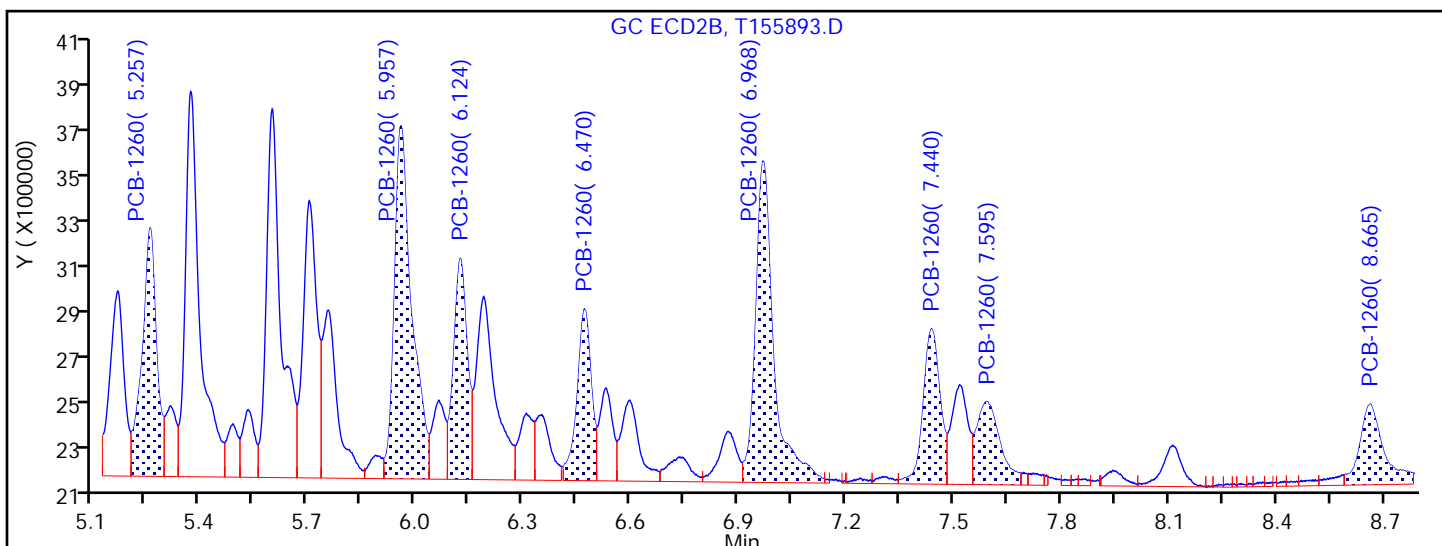
Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.257	Response = 2418752
5.957	Response = 4399061
6.124	Response = 2133339
6.470	Response = 1621862
6.968	Response = 4205682
7.440	Response = 1853183
7.595	Response = 1152784
8.665	Response = 1230535



Manual Integration Results

5.257	Response = 2976840	M
5.957	Response = 5053725	M
6.124	Response = 2495958	M
6.470	Response = 2015592	M
6.968	Response = 4816471	M
7.440	Response = 2171306	M

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-VD@3-3.5 Lab Sample ID: 460-176080-22  
 Matrix: Solid Lab File ID: T155894.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:13  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 06:38  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 14.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155894.D  
 Lims ID: 460-176080-A-22-A  
 Client ID: PRA-B5-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:38:52 ALS Bottle#: 64 Worklist Smp#: 24  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-024  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:01:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.184	1.183	0.001	14695868	20.0
2	1.335	1.334	0.001	15318572	20.0
RPD = 0.00					

\$ 11 DCB Decachlorobiphenyl

1	10.064	10.055	0.009	42376632	53.8
2	9.639	9.633	0.006	40064614	56.0
RPD = 3.92					

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155894.D

Injection Date: 28-Feb-2019 06:38:52

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-22-A

Lab Sample ID: 460-176080-22

Worklist Smp#: 24

Client ID: PRA-B5-VD@3-3.5

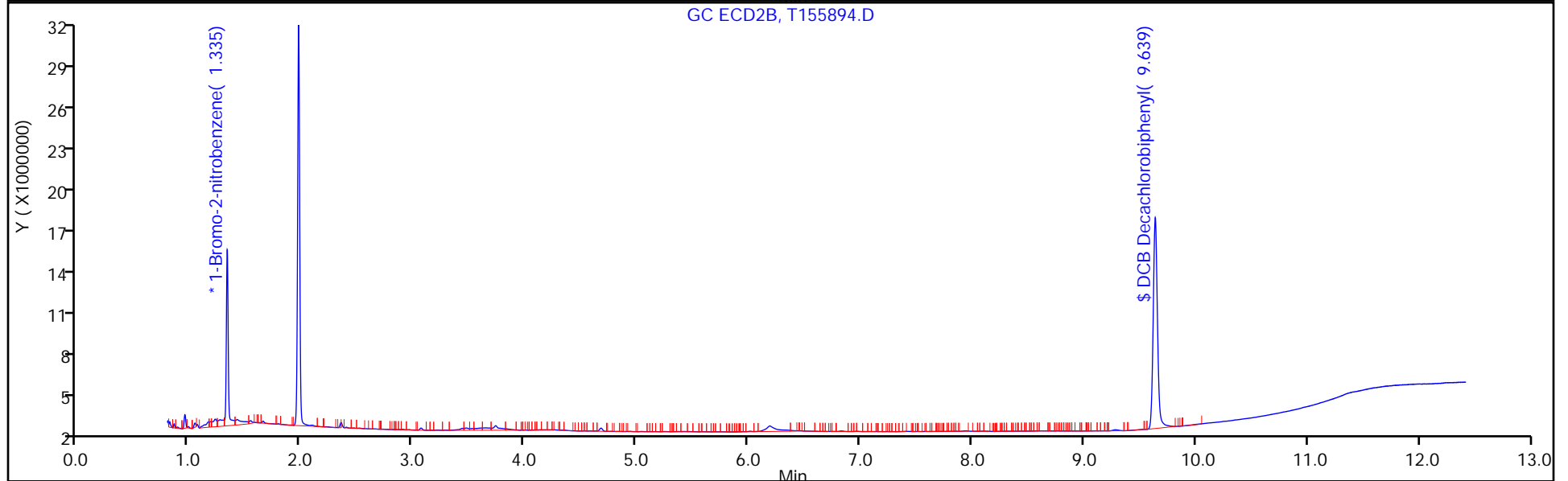
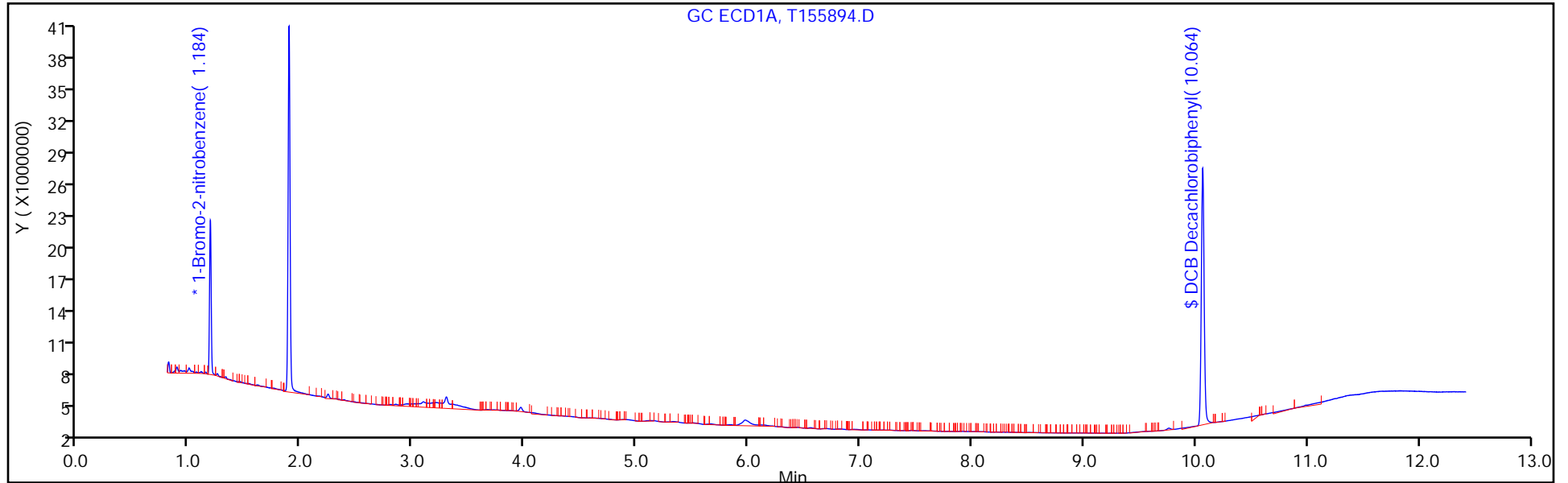
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 64

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-VD@3-3.5 Lab Sample ID: 460-176080-22  
 Matrix: Solid Lab File ID: T155894.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:13  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 06:38  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 14.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	79	10
11104-28-2	Aroclor 1221	10	U	79	10
11141-16-5	Aroclor 1232	10	U	79	10
53469-21-9	Aroclor 1242	10	U	79	10
12672-29-6	Aroclor 1248	10	U	79	10
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155894.D  
 Lims ID: 460-176080-A-22-A  
 Client ID: PRA-B5-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:38:52 ALS Bottle#: 64 Worklist Smp#: 24  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-024  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:01:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.184 1.183 0.001 14695868 20.0  
 2 1.335 1.334 0.001 15318572 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.064 10.055 0.009 42376632 53.8  
 2 9.639 9.633 0.006 40064614 56.0  
 RPD = 3.92

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155894.D

Injection Date: 28-Feb-2019 06:38:52

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-22-A

Lab Sample ID: 460-176080-22

Worklist Smp#: 24

Client ID: PRA-B5-VD@3-3.5

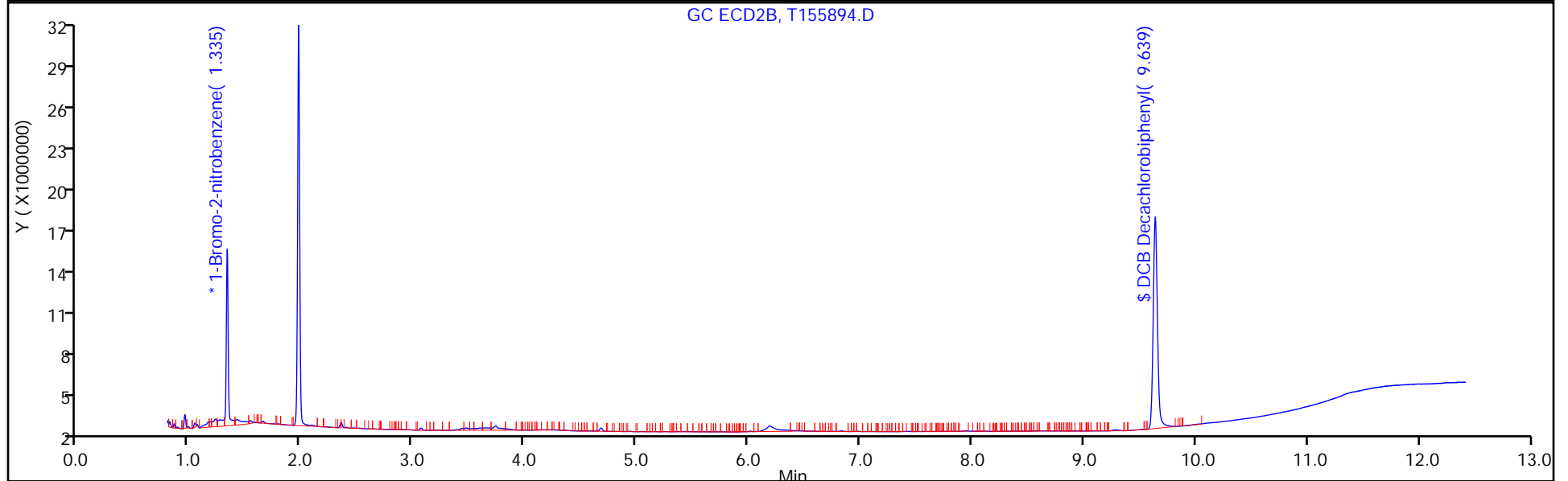
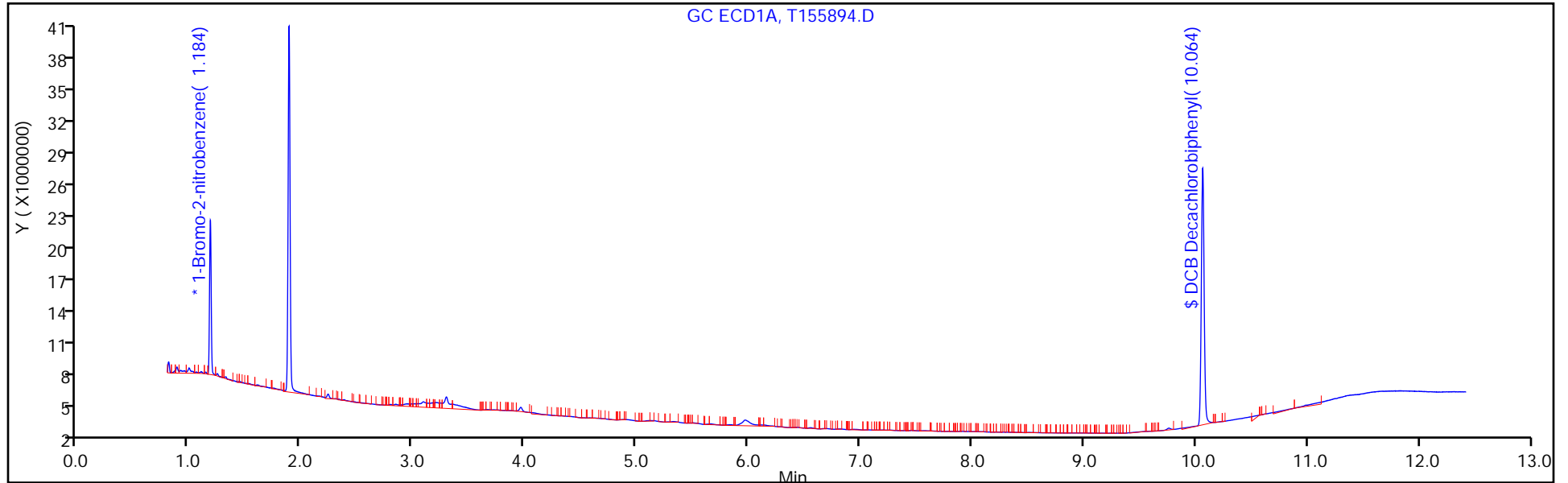
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 64

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-WT@8-8.5 Lab Sample ID: 460-176080-23  
 Matrix: Solid Lab File ID: T155895.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:55  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 06:56  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 19.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155895.D  
 Lims ID: 460-176080-A-23-A  
 Client ID: PRA-B5-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:56:06 ALS Bottle#: 65 Worklist Smp#: 25  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-025  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:02:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.185	1.183	0.002	14890220	20.0	
2	1.335	1.334	0.001	16187764	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.063	10.055	0.008	44767031	56.1	
2	9.640	9.633	0.007	42323415	56.0	
RPD = 0.29						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155895.D

Injection Date: 28-Feb-2019 06:56:06

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-23-A

Lab Sample ID: 460-176080-23

Worklist Smp#: 25

Client ID: PRA-B5-WT@8-8.5

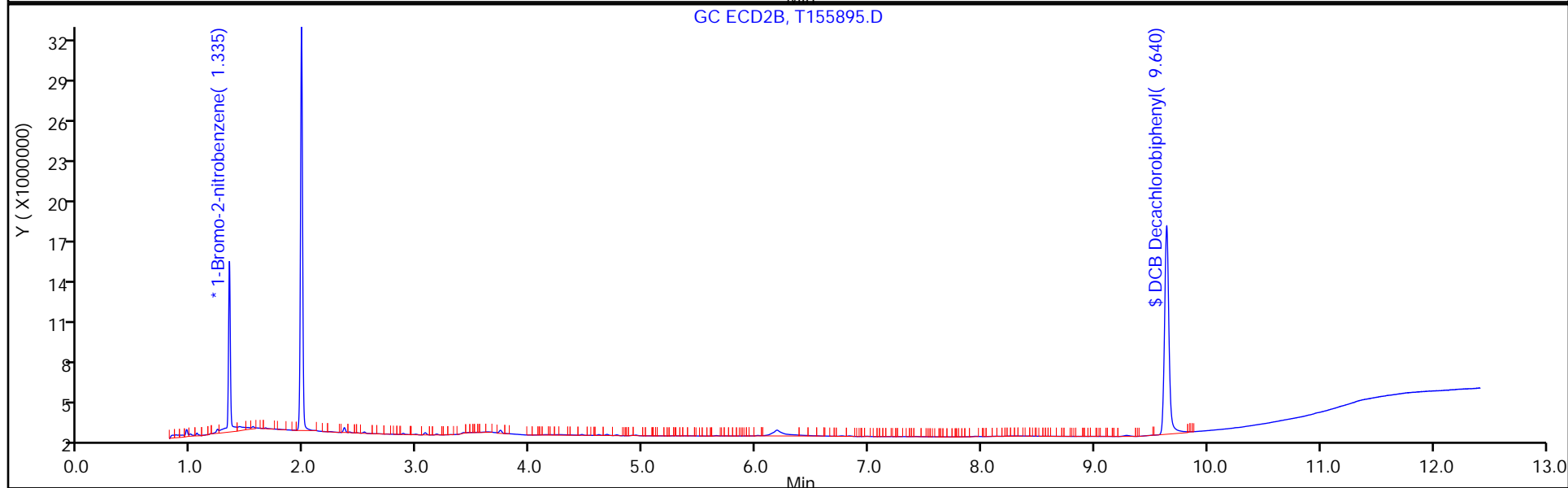
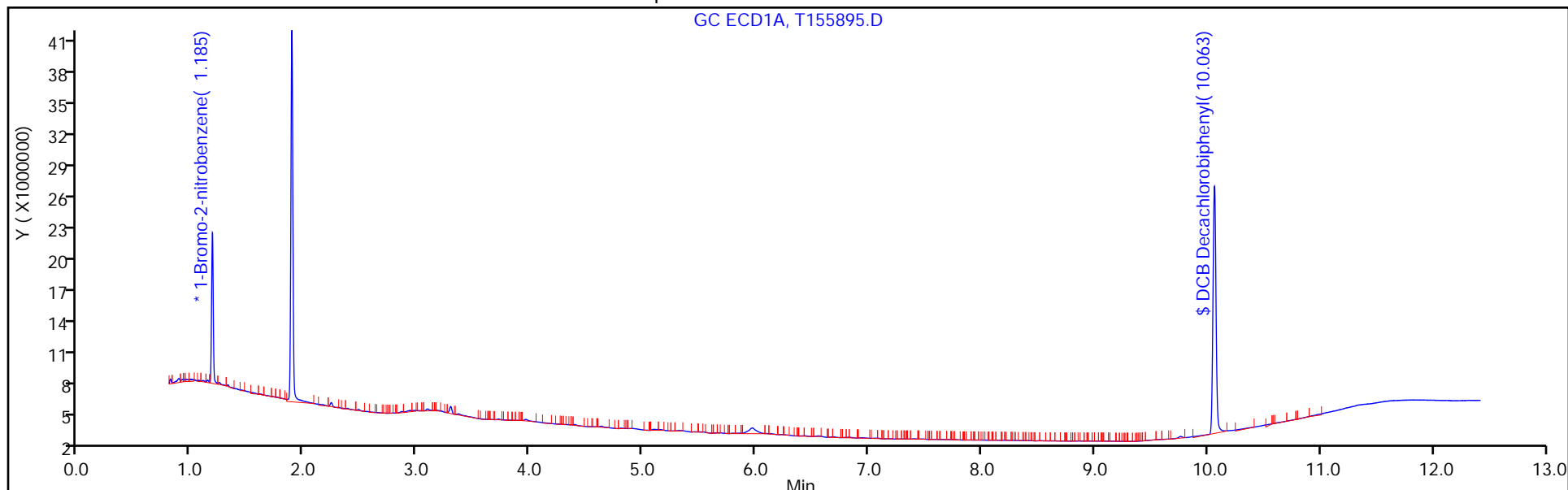
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 65

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-WT@8-8.5 Lab Sample ID: 460-176080-23  
 Matrix: Solid Lab File ID: T155895.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:55  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 06:56  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 19.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	83	11
11104-28-2	Aroclor 1221	11	U	83	11
11141-16-5	Aroclor 1232	11	U	83	11
53469-21-9	Aroclor 1242	11	U	83	11
12672-29-6	Aroclor 1248	11	U	83	11
11097-69-1	Aroclor 1254	11	U	83	11
11096-82-5	Aroclor 1260	11	U	83	11
37324-23-5	Aroclor 1262	11	U	83	11
11100-14-4	Aroclor 1268	11	U	83	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155895.D  
 Lims ID: 460-176080-A-23-A  
 Client ID: PRA-B5-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:56:06 ALS Bottle#: 65 Worklist Smp#: 25  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-025  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:02:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.185 1.183 0.002 14890220 20.0  
 2 1.335 1.334 0.001 16187764 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.063 10.055 0.008 44767031 56.1  
 2 9.640 9.633 0.007 42323415 56.0  
 RPD = 0.29

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155895.D

Injection Date: 28-Feb-2019 06:56:06

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-23-A

Lab Sample ID: 460-176080-23

Worklist Smp#: 25

Client ID: PRA-B5-WT@8-8.5

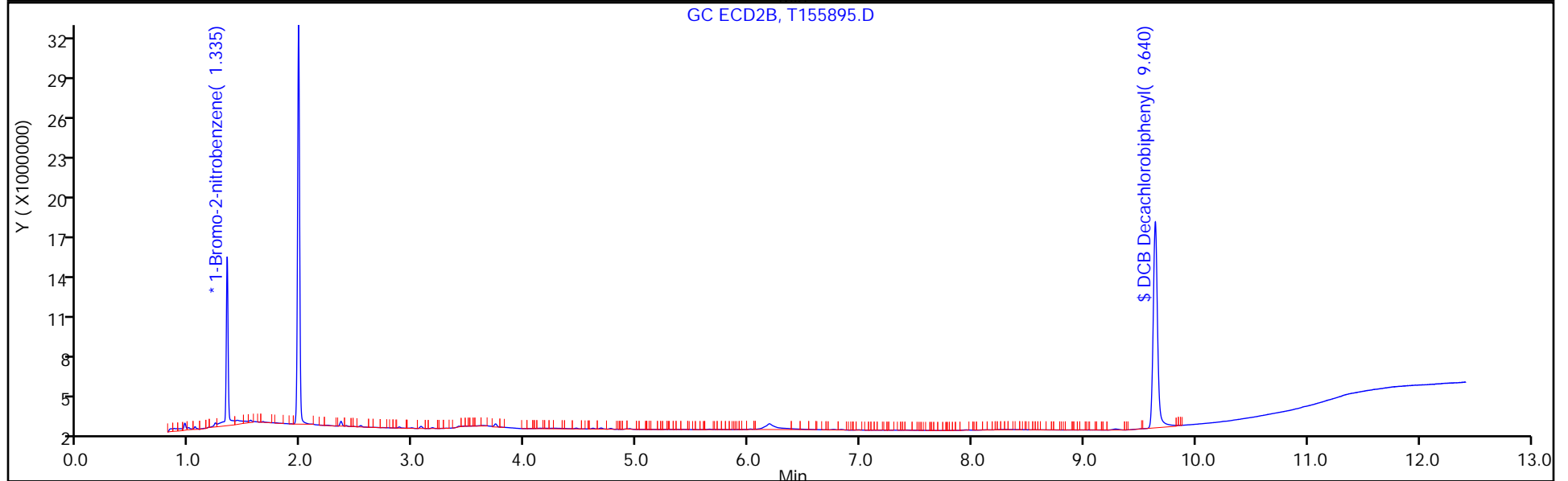
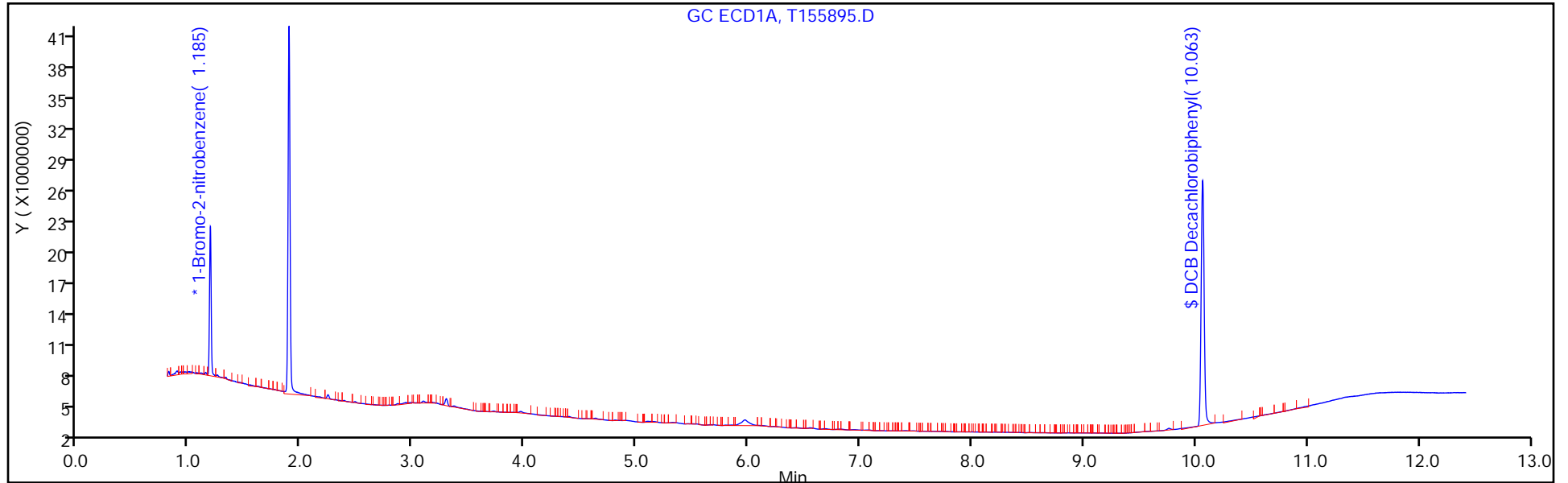
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 65

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-SI@10.5-11 Lab Sample ID: 460-176080-24  
 Matrix: Solid Lab File ID: T155896.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:58  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 07:13  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 19.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155896.D  
 Lims ID: 460-176080-A-24-A  
 Client ID: PRA-B5-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:13:19 ALS Bottle#: 66 Worklist Smp#: 26  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-026  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:18:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.185	1.183	0.002	14644020	20.0	
2	1.336	1.334	0.002	14443464	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.062	10.055	0.007	44879805	57.2	
2	9.639	9.633	0.006	42888509	63.6	
RPD = 10.51						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155896.D

Injection Date: 28-Feb-2019 07:13:19

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-24-A

Lab Sample ID: 460-176080-24

Worklist Smp#: 26

Client ID: PRA-B5-SI@10.5-11

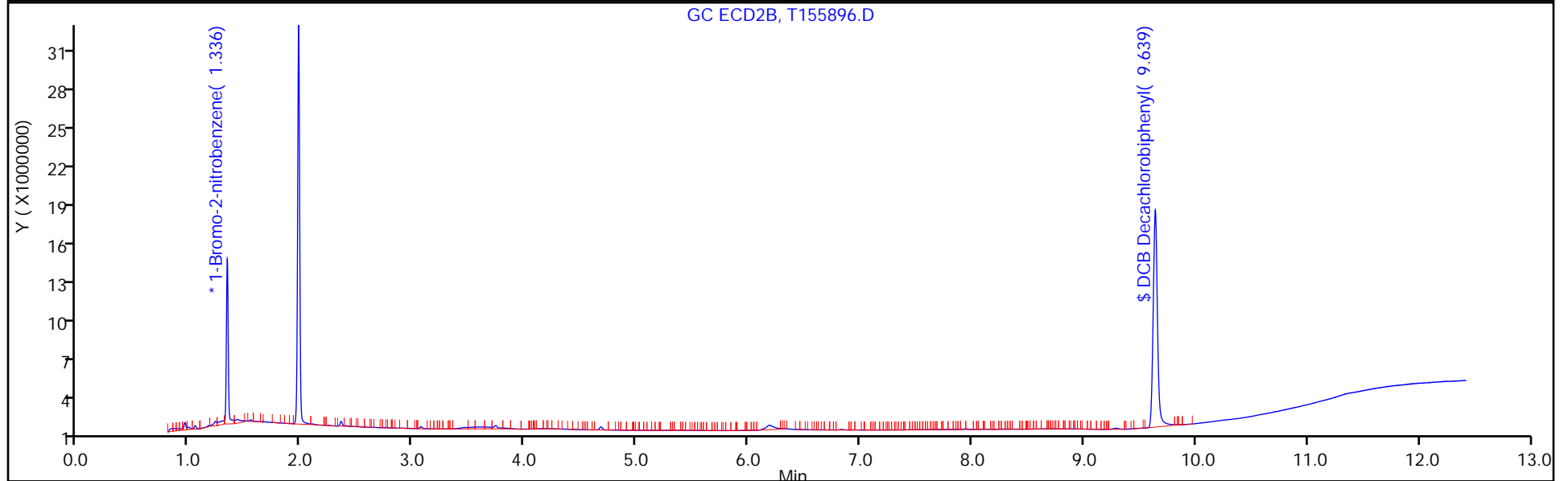
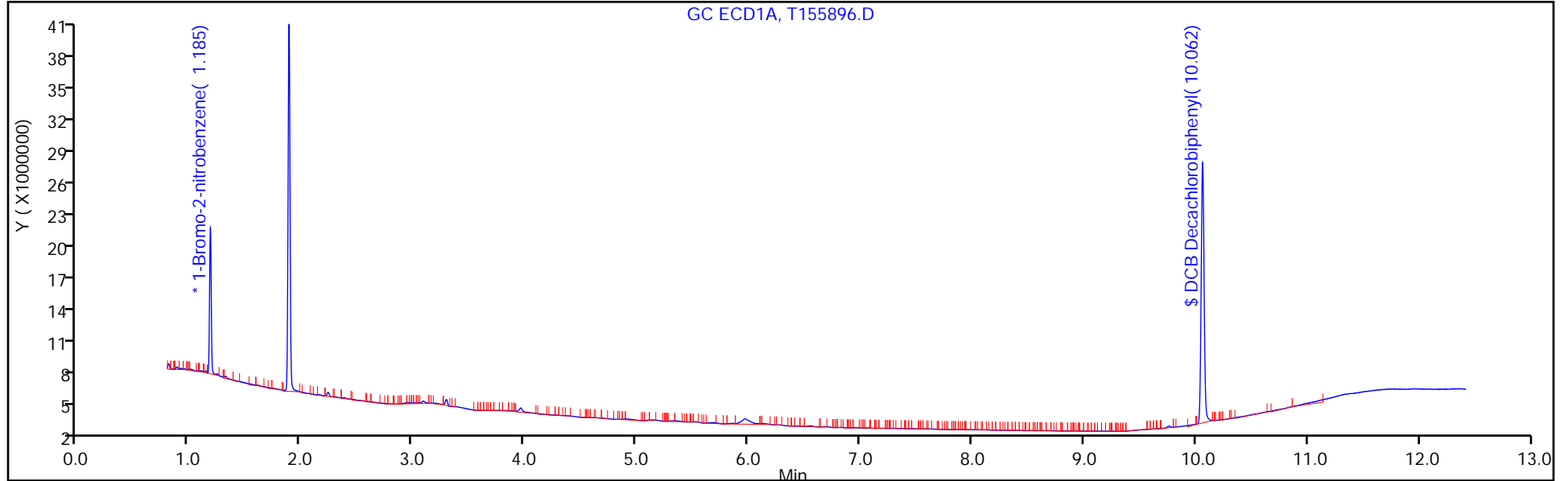
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 66

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-SI@10.5-11 Lab Sample ID: 460-176080-24  
 Matrix: Solid Lab File ID: T155896.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 10:58  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 07:13  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 19.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	83	11
11104-28-2	Aroclor 1221	11	U	83	11
11141-16-5	Aroclor 1232	11	U	83	11
53469-21-9	Aroclor 1242	11	U	83	11
12672-29-6	Aroclor 1248	11	U	83	11
11097-69-1	Aroclor 1254	11	U	83	11
11096-82-5	Aroclor 1260	11	U	83	11
37324-23-5	Aroclor 1262	11	U	83	11
11100-14-4	Aroclor 1268	11	U	83	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155896.D  
 Lims ID: 460-176080-A-24-A  
 Client ID: PRA-B5-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:13:19 ALS Bottle#: 66 Worklist Smp#: 26  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-026  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:18:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.185	1.183	0.002	14644020	20.0	
2	1.336	1.334	0.002	14443464	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.062	10.055	0.007	44879805	57.2	
2	9.639	9.633	0.006	42888509	63.6	
RPD = 10.51						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155896.D

Injection Date: 28-Feb-2019 07:13:19

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-24-A

Lab Sample ID: 460-176080-24

Worklist Smp#: 26

Client ID: PRA-B5-SI@10.5-11

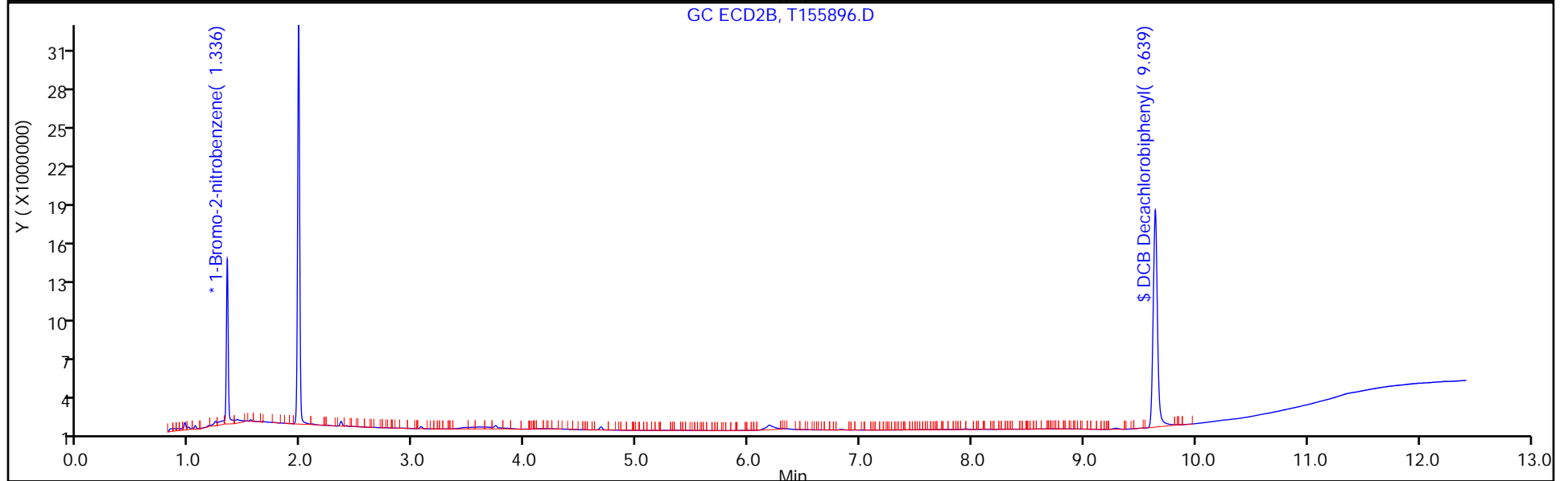
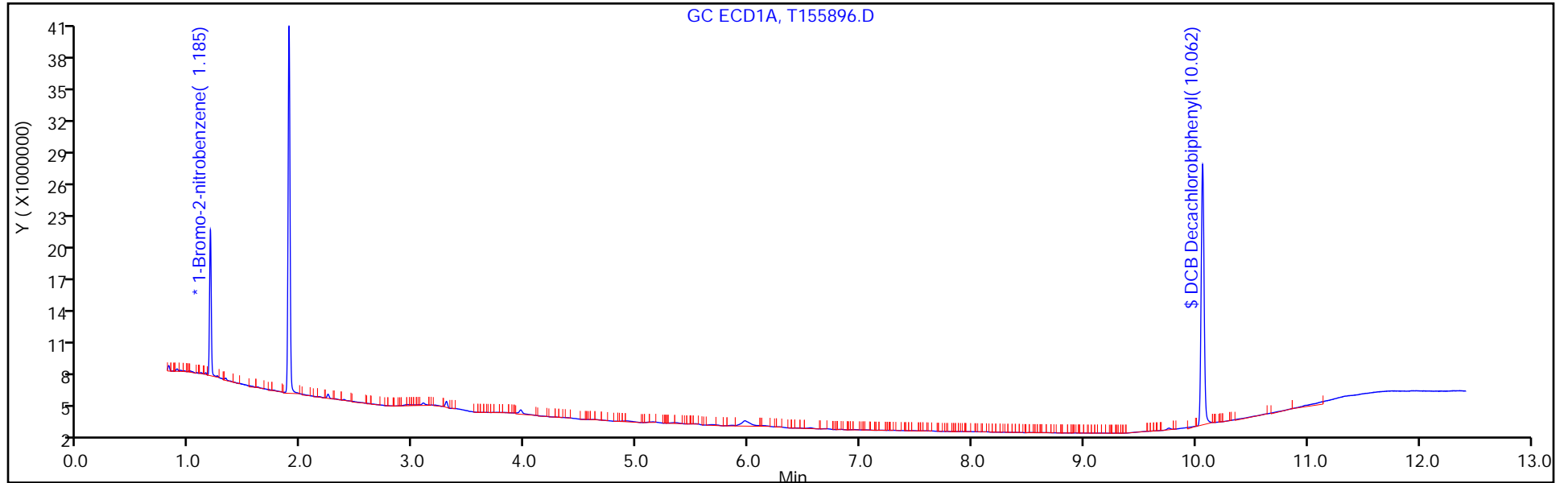
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 66

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-SD@19.5-20 Lab Sample ID: 460-176080-25  
 Matrix: Solid Lab File ID: T155897.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:02  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 07:30  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155897.D  
 Lims ID: 460-176080-A-25-A  
 Client ID: PRA-B5-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:30:27 ALS Bottle#: 67 Worklist Smp#: 27  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-027  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 08:51:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.184 1.183 0.001 19523899 20.0  
 2 1.336 1.334 0.002 16261897 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.059 10.055 0.004 43932524 42.0  
 2 9.639 9.633 0.006 41969371 55.2  
 RPD = 27.22

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155897.D

Injection Date: 28-Feb-2019 07:30:27

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-25-A

Lab Sample ID: 460-176080-25

Worklist Smp#: 27

Client ID: PRA-B5-SD@19.5-20

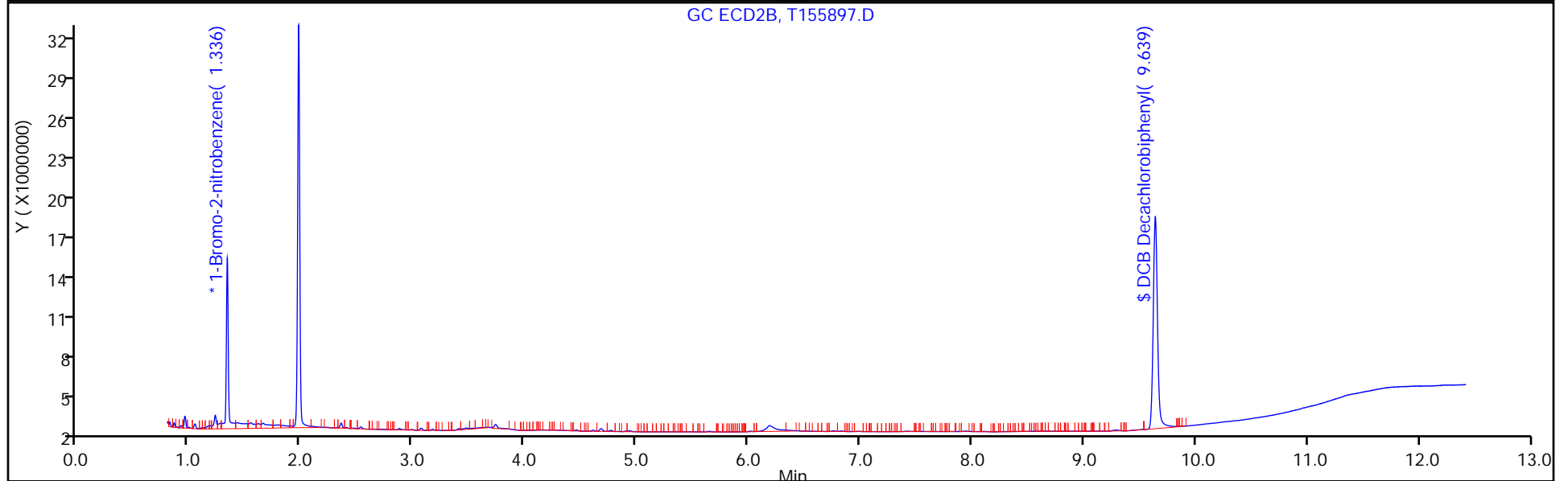
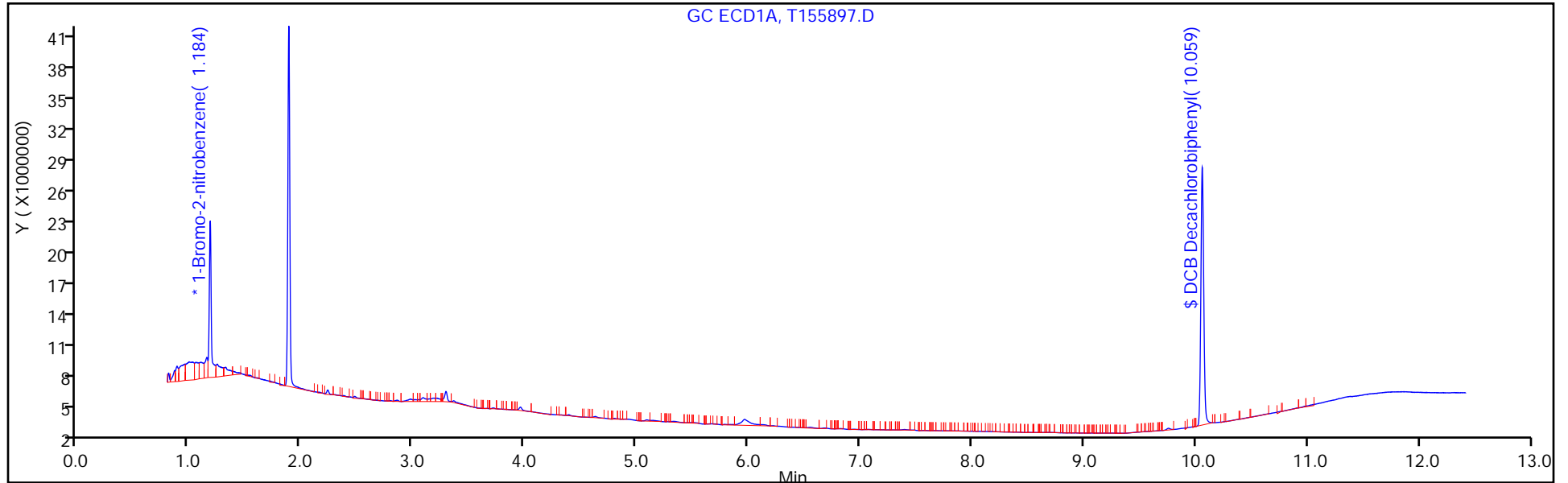
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 67

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B5-SD@19.5-20 Lab Sample ID: 460-176080-25  
 Matrix: Solid Lab File ID: T155897.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:02  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 07:30  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 15.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	79	11
11104-28-2	Aroclor 1221	11	U	79	11
11141-16-5	Aroclor 1232	11	U	79	11
53469-21-9	Aroclor 1242	11	U	79	11
12672-29-6	Aroclor 1248	11	U	79	11
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155897.D  
 Lims ID: 460-176080-A-25-A  
 Client ID: PRA-B5-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:30:27 ALS Bottle#: 67 Worklist Smp#: 27  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-027  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 08:51:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.184	1.183	0.001	19523899	20.0	
2	1.336	1.334	0.002	16261897	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.059	10.055	0.004	43932524	42.0	
2	9.639	9.633	0.006	41969371	55.2	
RPD = 27.22						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155897.D

Injection Date: 28-Feb-2019 07:30:27

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-25-A

Lab Sample ID: 460-176080-25

Worklist Smp#: 27

Client ID: PRA-B5-SD@19.5-20

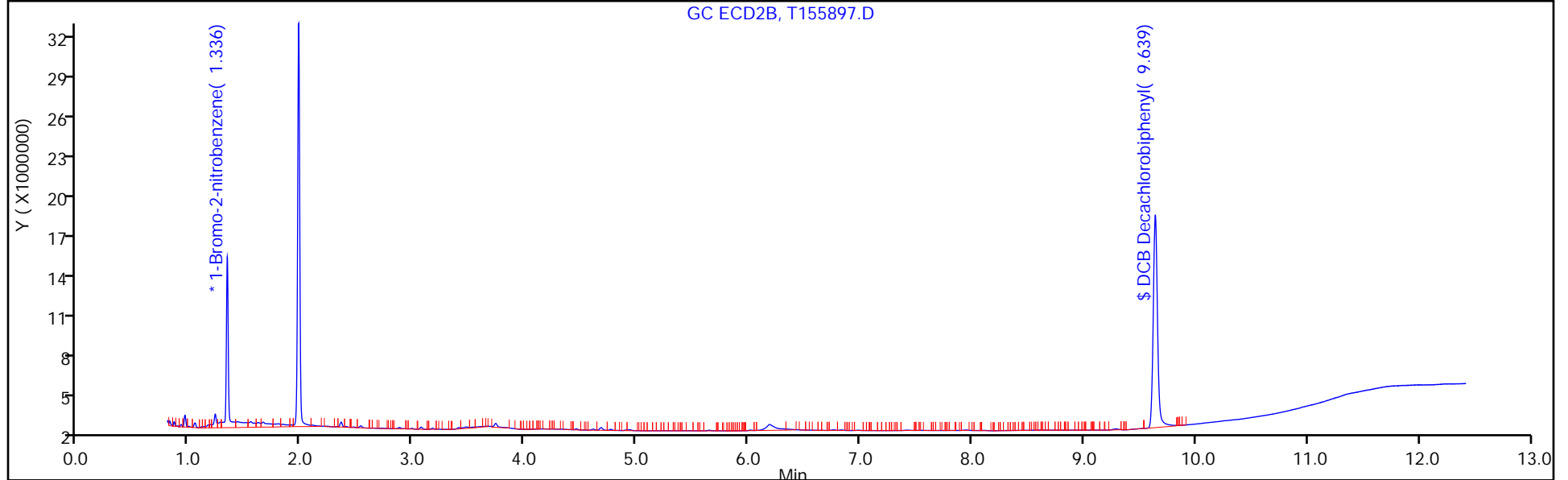
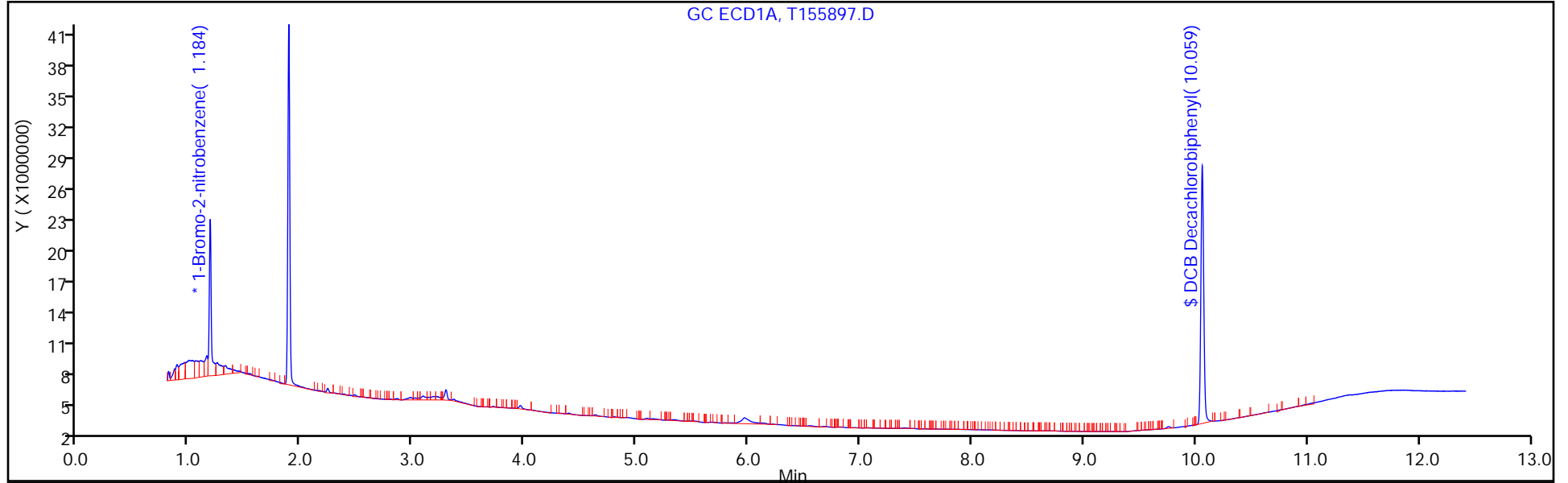
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 67

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-VS@1-1.5 Lab Sample ID: 460-176080-26  
 Matrix: Solid Lab File ID: T155905.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:25  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 10:33  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 2  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 16.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155905.D  
 Lims ID: 460-176080-A-26-A  
 Client ID: PRA-B6-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 10:33:01 ALS Bottle#: 75 Worklist Smp#: 35  
 Injection Vol: 1.0 ul Dil. Factor: 2.0000  
 Sample Info: 460-0087170-035  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:04:22 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 11:04:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.187	1.185	0.002	17489970	20.0	
2	1.332	1.332	0.000	13875895	20.0	
					RPD = 0.00	

6 PCB-1248

1	2.789	2.789	0.000	21108835	1290.8	
1	3.292	3.290	0.002	38039628	790.1	
1	3.685	3.686	-0.001	29433225	998.0	
1	3.727	3.727	0.000	26615142	1146.7	
1	4.105	4.107	-0.002	41332247	1014.0	
1	4.425	4.428	-0.003	39868035	899.2	
1	4.468	4.471	-0.003	47422231	989.5	
1	5.220	5.224	-0.004	18090066	718.8	
					Average of Peak Amounts =	980.9
2	2.713	2.719	-0.006	17726373	1485.5	
2	3.220	3.224	-0.004	31275425	973.0	
2	3.588	3.593	-0.005	44320200	1331.9	M
2	3.928	3.933	-0.005	24180404	1233.2	M
2	4.324	4.329	-0.005	65106024	1181.6	M
2	4.577	4.582	-0.005	23385855	988.2	
2	5.037	5.041	-0.004	15479840	971.8	
2	5.696	5.701	-0.005	8329374	783.3	
					Average of Peak Amounts =	1118.6
					RPD = 13.12	

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155905.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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8 PCB-1260

1	5.278	5.272	0.006	9288044	373.9	
1	5.461	5.455	0.006	14537202	302.4	
1	5.757	5.750	0.007	18976273	291.0	
1	6.377	6.368	0.009	14476532	302.1	
1	6.812	6.803	0.009	12746280	292.1	
1	7.282	7.276	0.006	33097243	284.2	
1	7.924	7.919	0.005	23225358	281.4	
1	9.186	9.176	0.010	9162938	295.6	

Average of Peak Amounts = 302.8

2	5.257	5.257	0.000	12653150	378.8	
2	5.955	5.956	-0.001	21279625	349.6	
2	6.123	6.122	0.001	11027063	387.1	
2	6.472	6.472	0.000	10919161	353.4	
2	6.969	6.969	0.000	25618837	367.5	
2	7.437	7.439	-0.002	12901802	339.4	
2	7.597	7.597	0.000	7286177	381.9	
2	8.662	8.666	-0.004	7216182	390.5	

Average of Peak Amounts = 368.5

RPD = 19.56

\$ 11 DCB Decachlorobiphenyl

1	10.082	10.068	0.014	19984448	21.3	
2	9.644	9.642	0.002	18453666	28.5	

RPD = 28.66

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155905.D

Injection Date: 28-Feb-2019 10:33:01

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-26-A

Lab Sample ID: 460-176080-26

Worklist Smp#: 35

Client ID: PRA-B6-VS@1-1.5

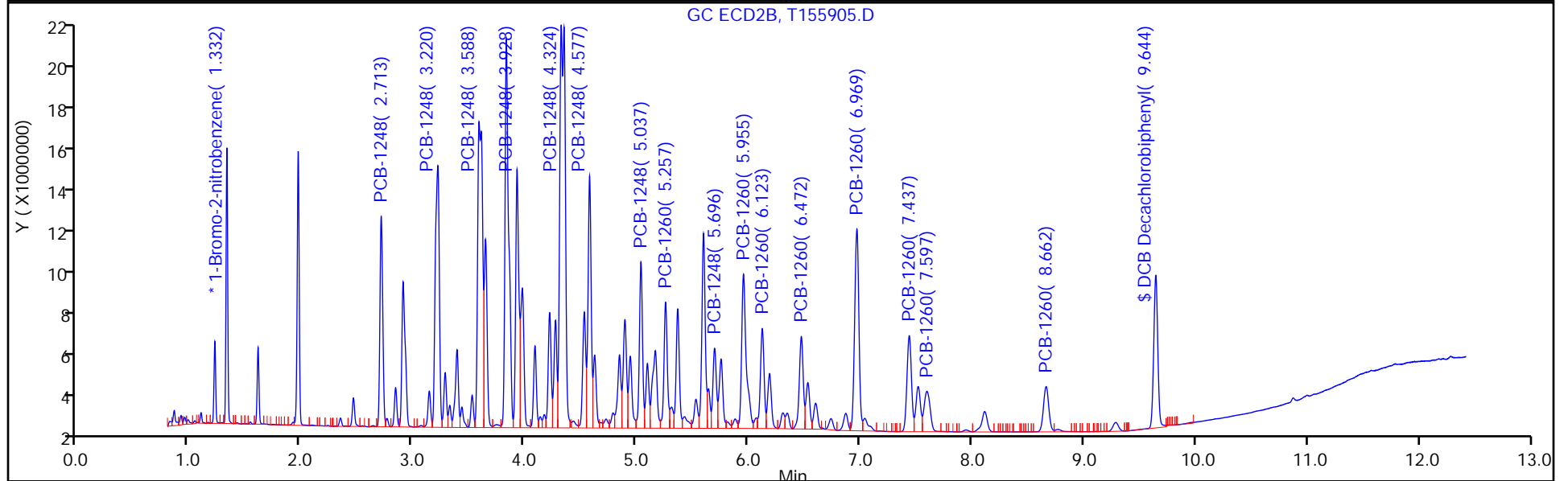
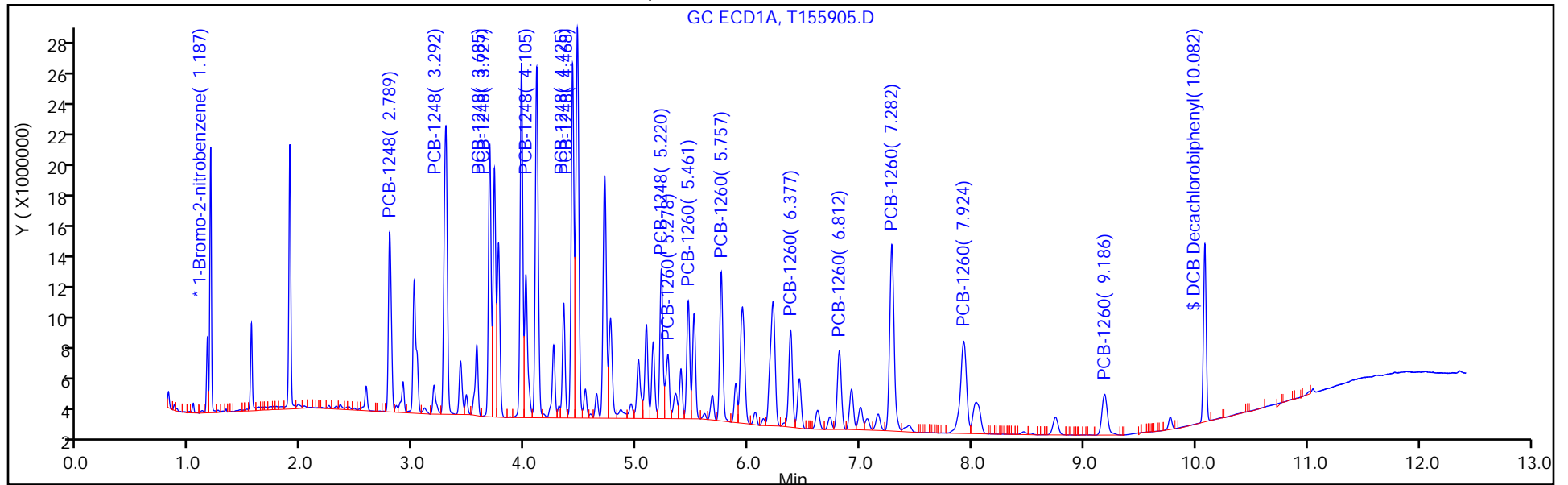
Injection Vol: 1.0 ul

Dil. Factor: 2.0000

ALS Bottle#: 75

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-VS@1-1.5 Lab Sample ID: 460-176080-26  
 Matrix: Solid Lab File ID: T155905.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:25  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 10:33  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 2  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 16.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	21	U	160	21
11104-28-2	Aroclor 1221	21	U	160	21
11141-16-5	Aroclor 1232	21	U	160	21
53469-21-9	Aroclor 1242	21	U	160	21
12672-29-6	Aroclor 1248	1800		160	21
11097-69-1	Aroclor 1254	22	U	160	22
11096-82-5	Aroclor 1260	590		160	22
37324-23-5	Aroclor 1262	22	U	160	22
11100-14-4	Aroclor 1268	22	U	160	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155905.D  
 Lims ID: 460-176080-A-26-A  
 Client ID: PRA-B6-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 10:33:01 ALS Bottle#: 75 Worklist Smp#: 35  
 Injection Vol: 1.0 ul Dil. Factor: 2.0000  
 Sample Info: 460-0087170-035  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:04:22 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 11:04:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.187	1.185	0.002	17489970	20.0	
2	1.332	1.332	0.000	13875895	20.0	
					RPD = 0.00	

6 PCB-1248

1	2.789	2.789	0.000	21108835	1290.8	
1	3.292	3.290	0.002	38039628	790.1	
1	3.685	3.686	-0.001	29433225	998.0	
1	3.727	3.727	0.000	26615142	1146.7	
1	4.105	4.107	-0.002	41332247	1014.0	
1	4.425	4.428	-0.003	39868035	899.2	
1	4.468	4.471	-0.003	47422231	989.5	
1	5.220	5.224	-0.004	18090066	718.8	
					Average of Peak Amounts =	980.9
2	2.713	2.719	-0.006	17726373	1485.5	
2	3.220	3.224	-0.004	31275425	973.0	
2	3.588	3.593	-0.005	44320200	1331.9	M
2	3.928	3.933	-0.005	24180404	1233.2	M
2	4.324	4.329	-0.005	65106024	1181.6	M
2	4.577	4.582	-0.005	23385855	988.2	
2	5.037	5.041	-0.004	15479840	971.8	
2	5.696	5.701	-0.005	8329374	783.3	
					Average of Peak Amounts =	1118.6
					RPD = 13.12	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

8 PCB-1260

1	5.278	5.272	0.006	9288044	373.9	
1	5.461	5.455	0.006	14537202	302.4	
1	5.757	5.750	0.007	18976273	291.0	
1	6.377	6.368	0.009	14476532	302.1	
1	6.812	6.803	0.009	12746280	292.1	
1	7.282	7.276	0.006	33097243	284.2	
1	7.924	7.919	0.005	23225358	281.4	
1	9.186	9.176	0.010	9162938	295.6	

Average of Peak Amounts = 302.8

2	5.257	5.257	0.000	12653150	378.8	
2	5.955	5.956	-0.001	21279625	349.6	
2	6.123	6.122	0.001	11027063	387.1	
2	6.472	6.472	0.000	10919161	353.4	
2	6.969	6.969	0.000	25618837	367.5	
2	7.437	7.439	-0.002	12901802	339.4	
2	7.597	7.597	0.000	7286177	381.9	
2	8.662	8.666	-0.004	7216182	390.5	

Average of Peak Amounts = 368.5

RPD = 19.56

\$ 11 DCB Decachlorobiphenyl

1	10.082	10.068	0.014	19984448	21.3	
2	9.644	9.642	0.002	18453666	28.5	

RPD = 28.66

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155905.D

Injection Date: 28-Feb-2019 10:33:01

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-26-A

Lab Sample ID: 460-176080-26

Worklist Smp#: 35

Client ID: PRA-B6-VS@1-1.5

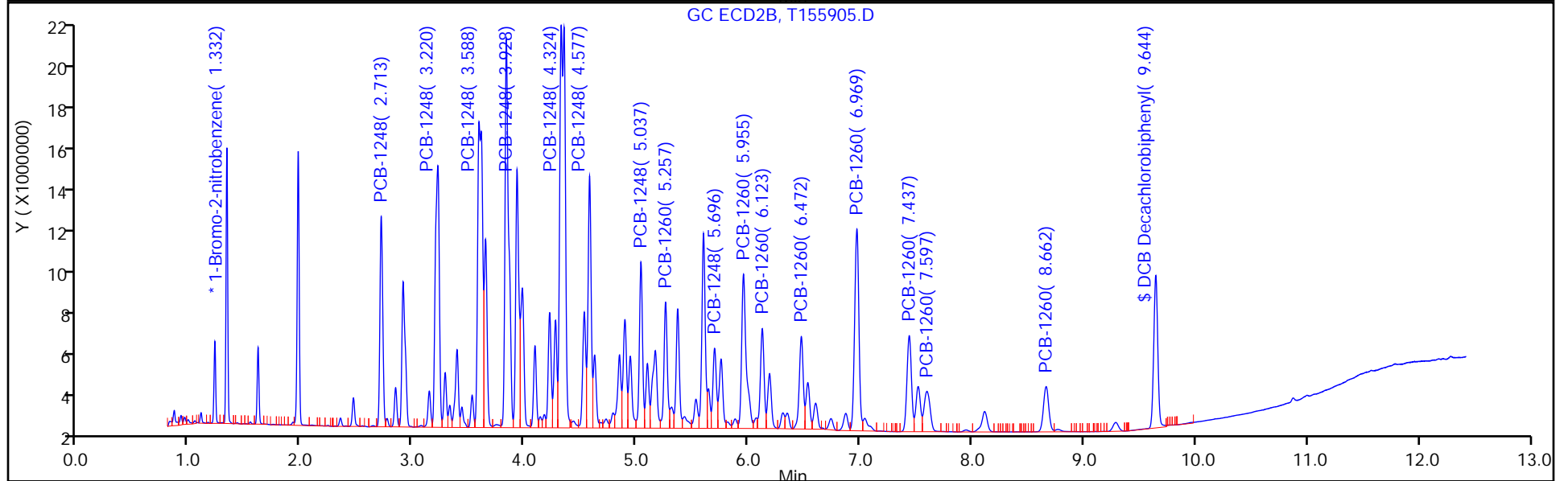
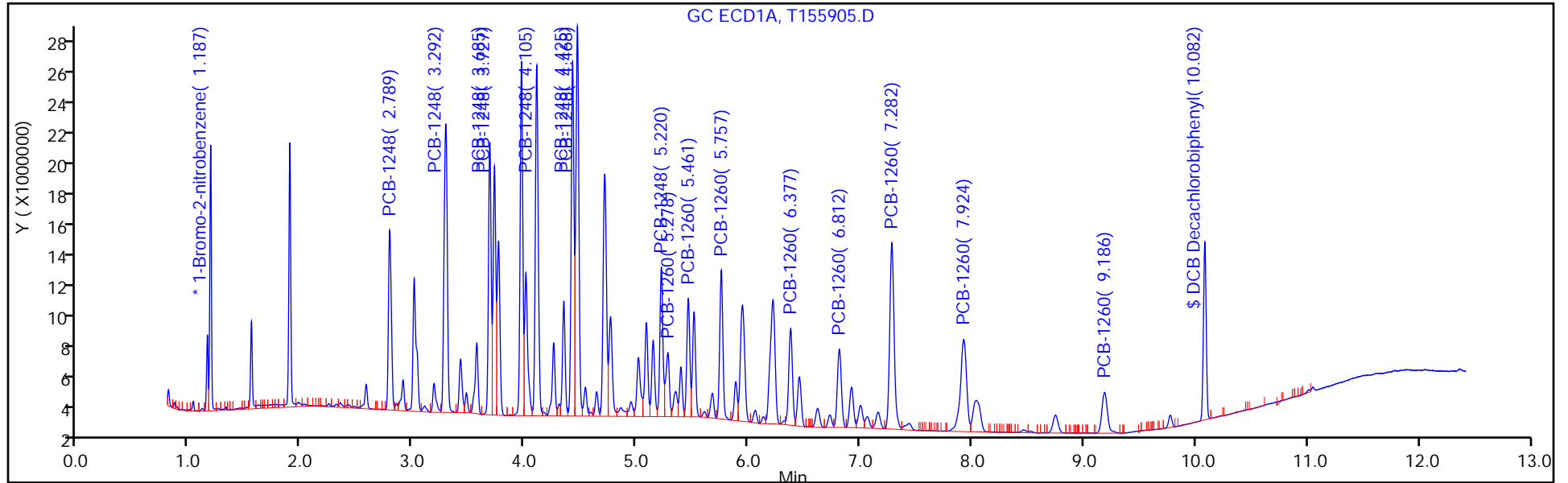
Injection Vol: 1.0 ul

Dil. Factor: 2.0000

ALS Bottle#: 75

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155905.D

Injection Date: 28-Feb-2019 10:33:01

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-26-A

Lab Sample ID: 460-176080-26

Client ID: PRA-B6-VS@1-1.5

Operator ID:

ALS Bottle#: 75 Worklist Smp#: 35

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

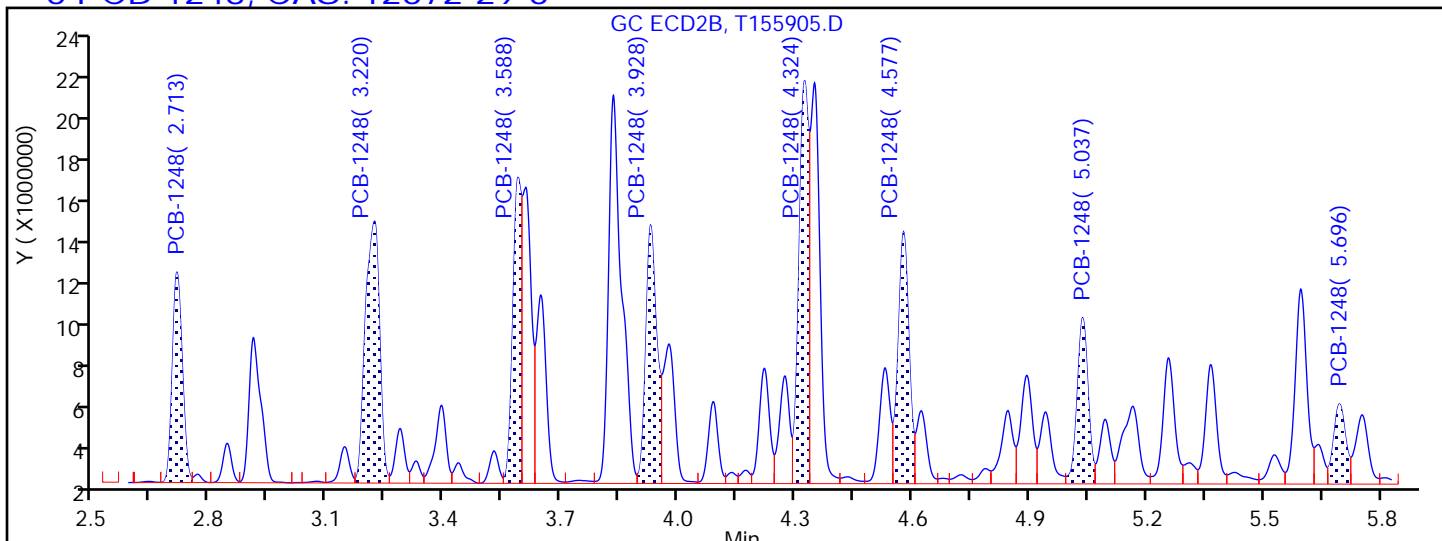
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

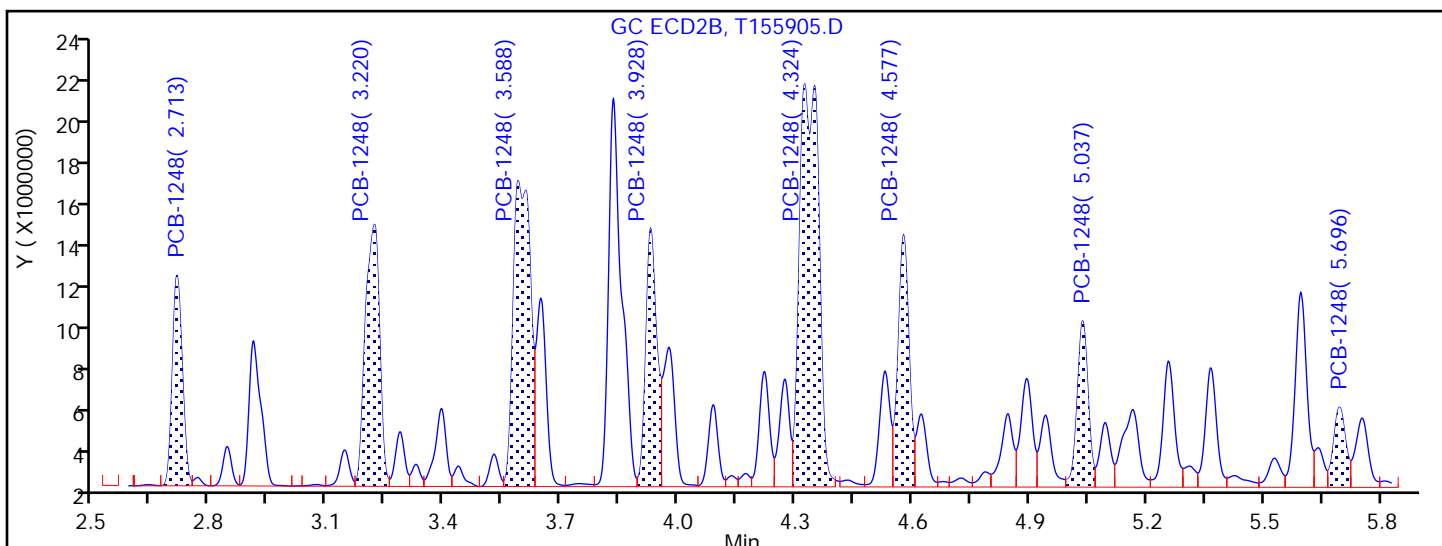
Detector: GC ECD2B

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

2.713	Response = 17726373
3.220	Response = 31275425
3.588	Response = 21730776
3.928	Response = 24185500
4.324	Response = 32937991
4.577	Response = 23385855
5.037	Response = 15479840
5.696	Response = 8329374



Manual Integration Results

2.713	Response = 17726373
3.220	Response = 31275425
3.588	Response = 44320200
3.928	Response = 24180404
4.324	Response = 65106024
4.577	Response = 23385855

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-VD@3-3.5 Lab Sample ID: 460-176080-27  
 Matrix: Solid Lab File ID: T155899.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:27  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 08:04  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	180		79	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155899.D  
 Lims ID: 460-176080-A-27-A  
 Client ID: PRA-B6-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 08:04:50 ALS Bottle#: 69 Worklist Smp#: 29  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-029  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 08:54:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.184	1.183	0.001	13930273	20.0	
2	1.336	1.334	0.002	12471888	20.0	
					RPD = 0.00	

4 PCB-1242

1	2.356	2.353	0.003	2712309	259.0	M
1	2.777	2.777	0.000	3834571	175.8	
1	3.277	3.277	0.000	10590257	213.7	
1	3.420	3.421	-0.001	3797975	195.7	
1	3.531	3.528	0.003	4161327	279.2	
1	4.089	4.090	-0.001	4920131	263.9	
1	4.409	4.411	-0.002	4242388	250.6	
1	4.453	4.456	-0.003	4540227	241.1	
Average of Peak Amounts =					234.9	
2	2.351	2.344	0.007	1948514	203.5	M
2	2.718	2.716	0.002	3044408	168.1	M
2	2.932	2.929	0.003	2925933	239.7	M
2	3.223	3.221	0.002	7380238	184.5	M
2	3.371	3.368	0.003	1950267	119.1	M
2	3.835	3.833	0.002	5134101	294.1	M
2	4.324	4.323	0.001	7070332	268.0	M
2	4.577	4.576	0.001	2757757	271.9	M
Average of Peak Amounts =					218.6	
					RPD = 7.16	

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155899.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\$ 11 DCB Decachlorobiphenyl

1	10.061	10.055	0.006	42752145	57.3
2	9.636	9.633	0.003	38780924	66.5

RPD = 14.96

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155899.D

Injection Date: 28-Feb-2019 08:04:50

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-27-A

Lab Sample ID: 460-176080-27

Worklist Smp#: 29

Client ID: PRA-B6-VD@3-3.5

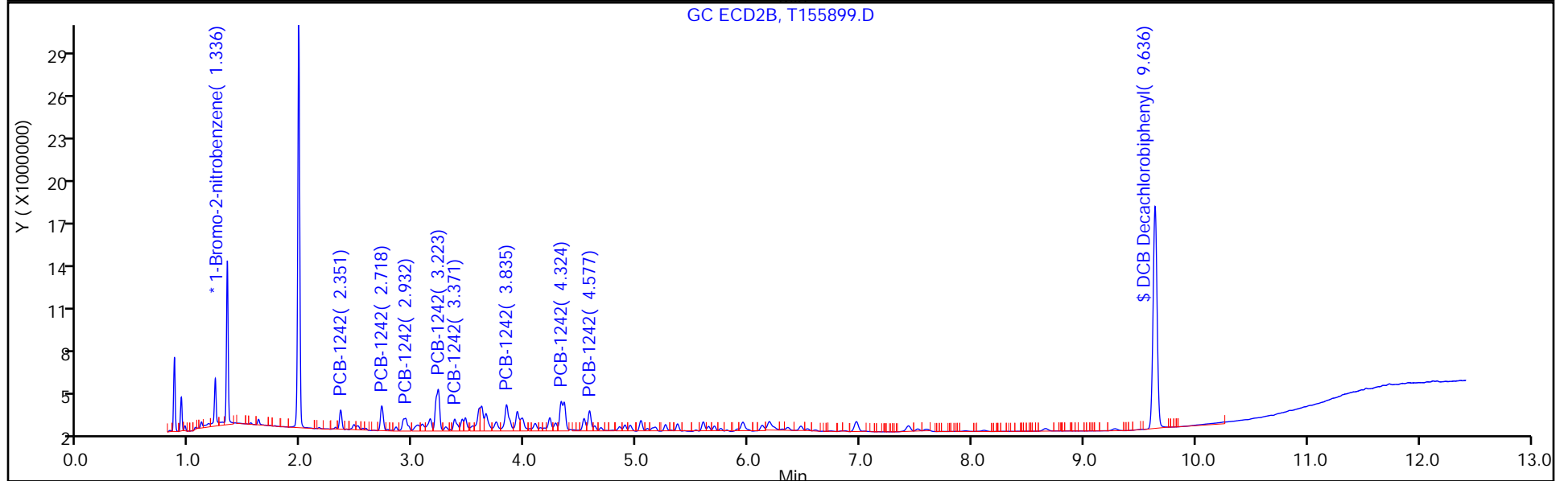
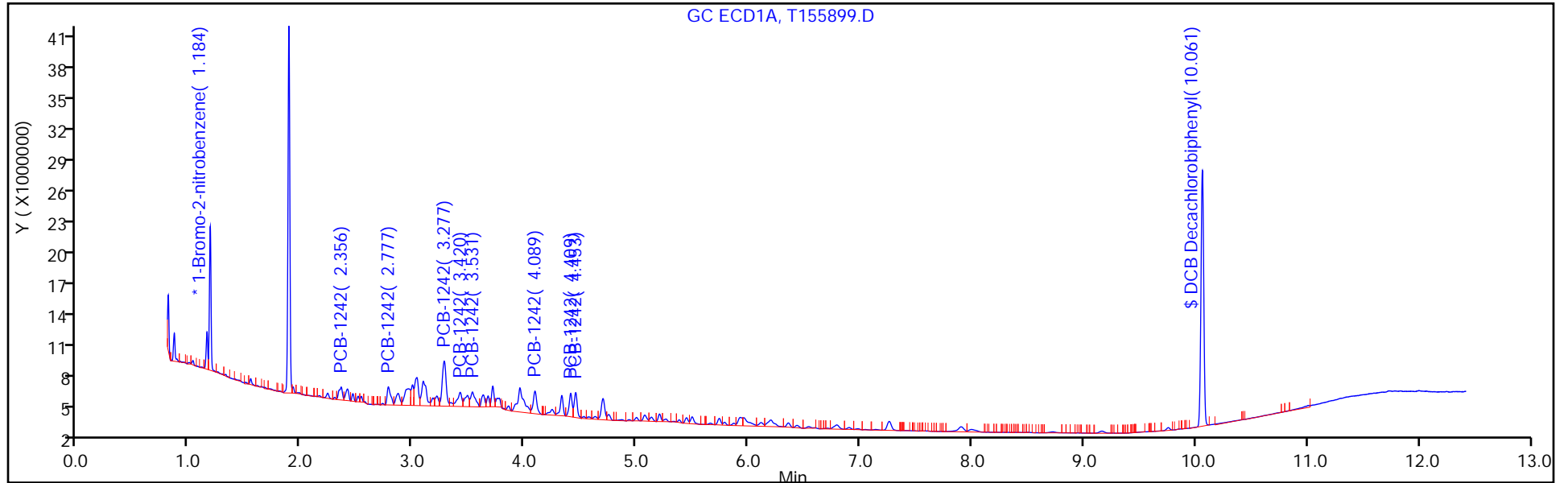
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 69

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-VD@3-3.5 Lab Sample ID: 460-176080-27  
 Matrix: Solid Lab File ID: T155899.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:27  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 08:04  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 15.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	79	10
11104-28-2	Aroclor 1221	10	U	79	10
11141-16-5	Aroclor 1232	10	U	79	10
12672-29-6	Aroclor 1248	10	U	79	10
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155899.D  
 Lims ID: 460-176080-A-27-A  
 Client ID: PRA-B6-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 08:04:50 ALS Bottle#: 69 Worklist Smp#: 29  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-029  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 08:54:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.184	1.183	0.001	13930273	20.0	
2	1.336	1.334	0.002	12471888	20.0	
					RPD = 0.00	

4 PCB-1242

1	2.356	2.353	0.003	2712309	259.0	M
1	2.777	2.777	0.000	3834571	175.8	
1	3.277	3.277	0.000	10590257	213.7	
1	3.420	3.421	-0.001	3797975	195.7	
1	3.531	3.528	0.003	4161327	279.2	
1	4.089	4.090	-0.001	4920131	263.9	
1	4.409	4.411	-0.002	4242388	250.6	
1	4.453	4.456	-0.003	4540227	241.1	
Average of Peak Amounts =					234.9	
2	2.351	2.344	0.007	1948514	203.5	M
2	2.718	2.716	0.002	3044408	168.1	M
2	2.932	2.929	0.003	2925933	239.7	M
2	3.223	3.221	0.002	7380238	184.5	M
2	3.371	3.368	0.003	1950267	119.1	M
2	3.835	3.833	0.002	5134101	294.1	M
2	4.324	4.323	0.001	7070332	268.0	M
2	4.577	4.576	0.001	2757757	271.9	M
Average of Peak Amounts =					218.6	
					RPD = 7.16	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.061	10.055	0.006	42752145	57.3
2	9.636	9.633	0.003	38780924	66.5

RPD = 14.96

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155899.D

Injection Date: 28-Feb-2019 08:04:50

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-27-A

Lab Sample ID: 460-176080-27

Worklist Smp#: 29

Client ID: PRA-B6-VD@3-3.5

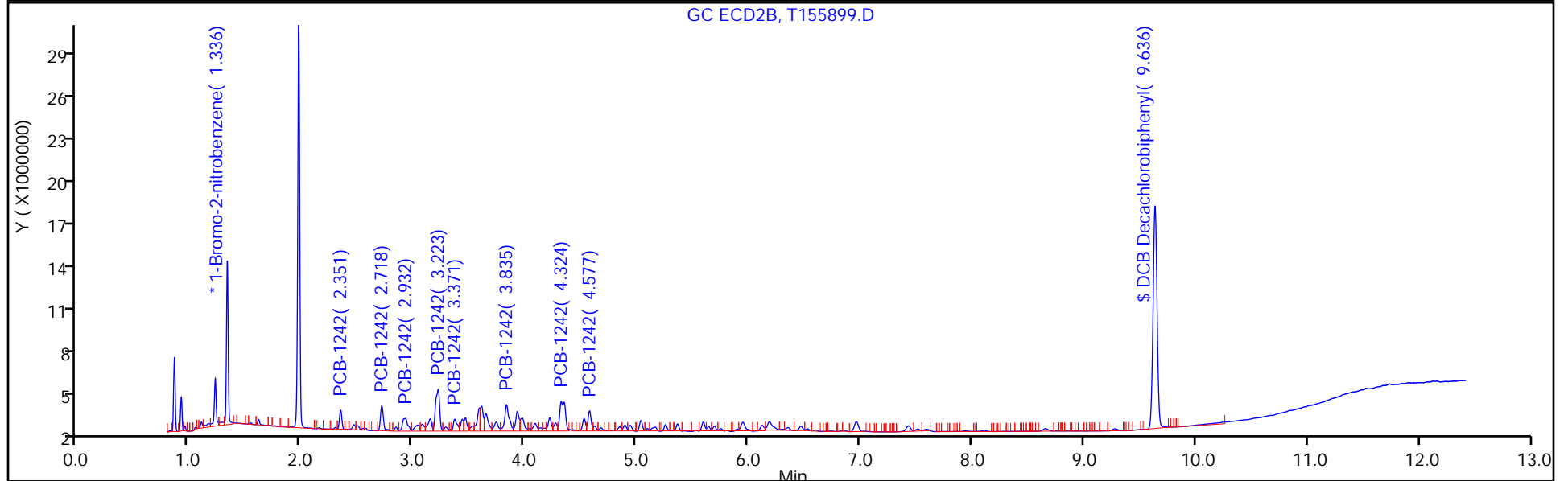
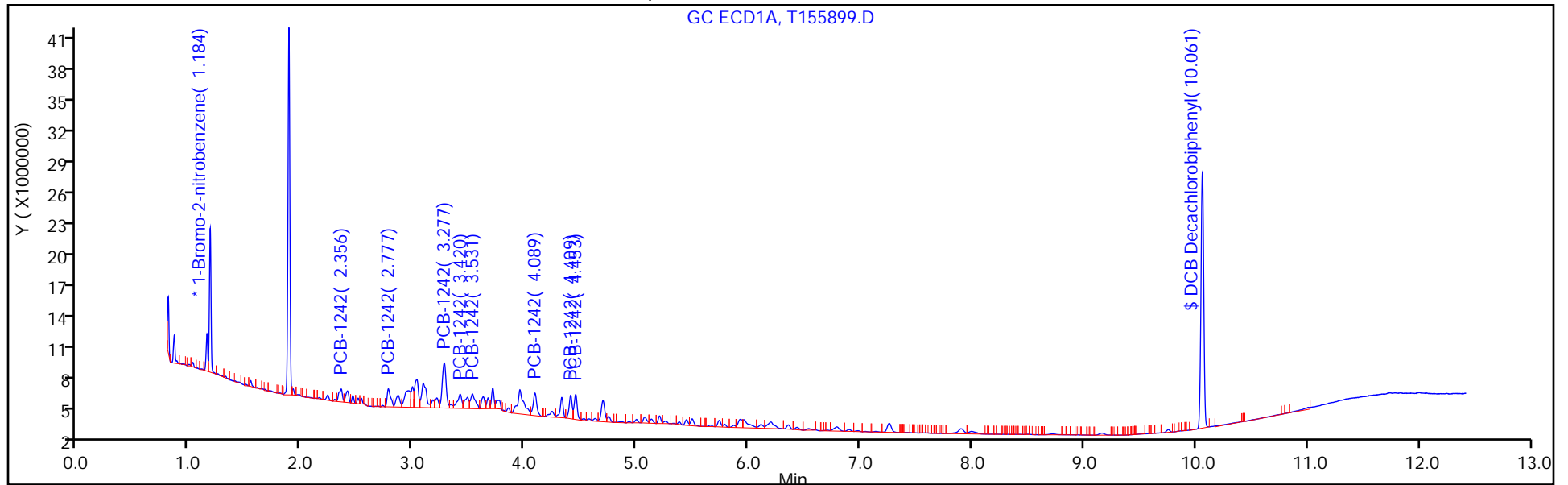
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 69

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155899.D

Injection Date: 28-Feb-2019 08:04:50

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-27-A

Lab Sample ID: 460-176080-27

Client ID: PRA-B6-VD@3-3.5

Operator ID:

ALS Bottle#: 69

Worklist Smp#: 29

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

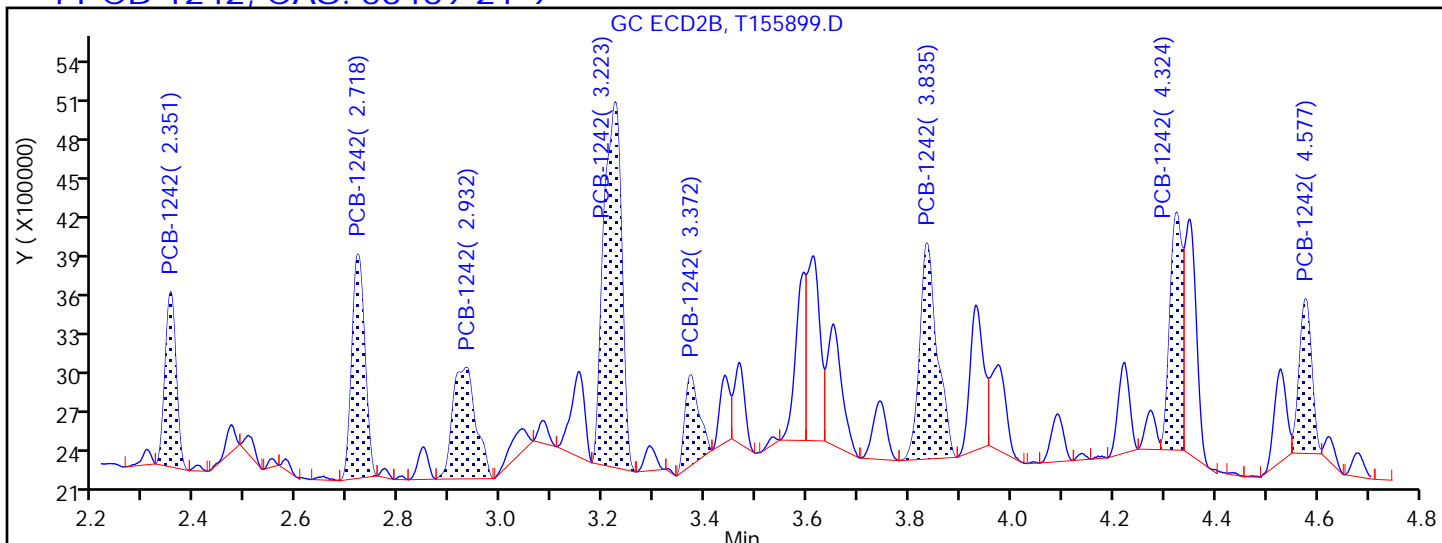
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

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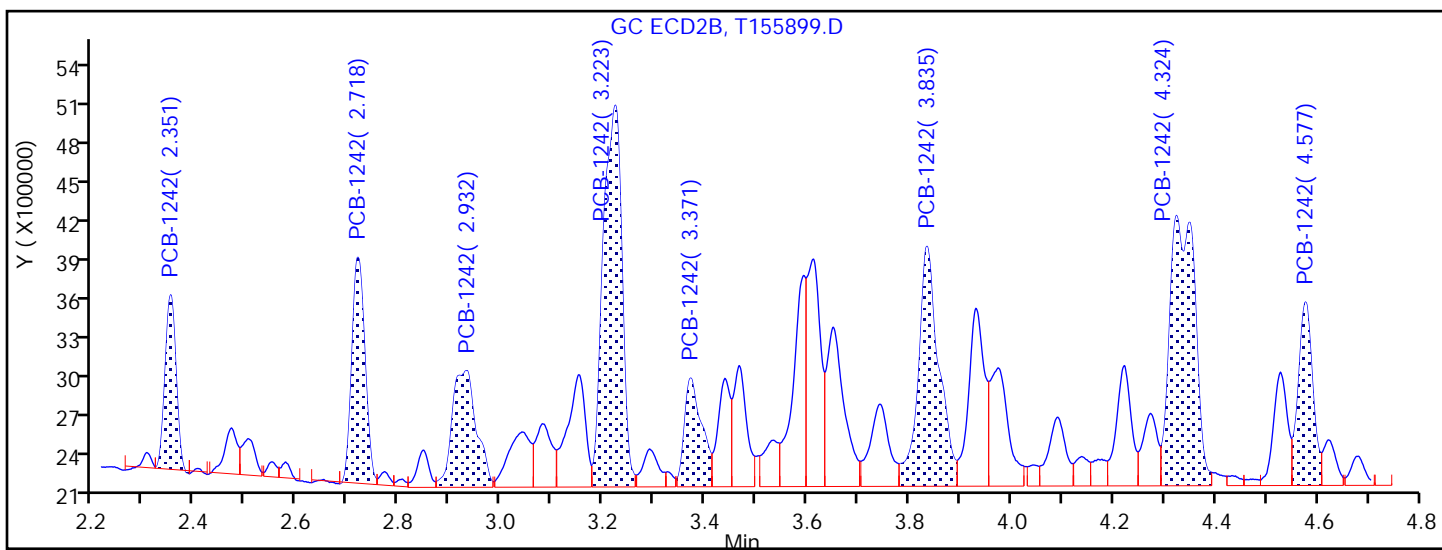
Detector: GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.351	Response = 1978452
2.718	Response = 2985450
2.932	Response = 2660376
3.223	Response = 6742952
3.372	Response = 1310900
3.835	Response = 3878246
4.324	Response = 3080430
4.577	Response = 1990312



Manual Integration Results

2.351	Response = 1948514	M
2.718	Response = 3044408	M
2.932	Response = 2925933	M
3.223	Response = 7380238	M
3.371	Response = 1950267	M
3.835	Response = 5134101	M

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-WT@7.5-8 Lab Sample ID: 460-176080-28  
 Matrix: Solid Lab File ID: T155906.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:30  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 10:50  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 10  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 17.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	14000		810	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155906.D  
 Lims ID: 460-176080-A-28-A  
 Client ID: PRA-B6-WT@7.5-8  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 10:50:14 ALS Bottle#: 76 Worklist Smp#: 36  
 Injection Vol: 1.0 ul Dil. Factor: 10.0000  
 Sample Info: 460-0087170-036  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:03:22 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 11:08:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						
1	1.182	1.185	-0.003	15961936	20.0	
2	1.335	1.332	0.003	15391201	20.0	
					RPD = 0.00	
4 PCB-1242						
1	2.354	2.353	0.001	23017341	1918.3	M
1	2.776	2.777	-0.001	46269282	1851.0	
1	3.277	3.277	0.000	103669764	1825.3	
1	3.420	3.421	-0.001	40350610	1814.4	
1	3.528	3.528	0.000	30895488	1809.4	
1	4.090	4.090	0.000	37173829	1740.2	
1	4.411	4.411	0.000	32092525	1654.2	
1	4.455	4.456	-0.001	37132447	1720.6	
Average of Peak Amounts =					1791.7	
2	2.344	2.344	0.000	19716822	1668.6	
2	2.716	2.716	0.000	40094104	1794.0	
2	2.930	2.929	0.001	26719725	1773.8	
2	3.221	3.221	0.000	90604510	1835.3	
2	3.369	3.368	0.001	37022764	1832.8	
2	3.834	3.833	0.001	38041983	1766.0	
2	4.324	4.323	0.001	57195707	1757.0	M
2	4.575	4.576	-0.001	23382049	1868.0	M
Average of Peak Amounts =					1786.9	
					RPD = 0.26	

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155906.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\$ 11 DCB Decachlorobiphenyl						M
1	10.064	10.068	-0.004	4686487	5.48	M
2	9.638	9.642	-0.004	4339484	6.03	
					RPD = 9.62	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155906.D

Injection Date: 28-Feb-2019 10:50:14

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-28-A

Lab Sample ID: 460-176080-28

Worklist Smp#: 36

Client ID: PRA-B6-WT@7.5-8

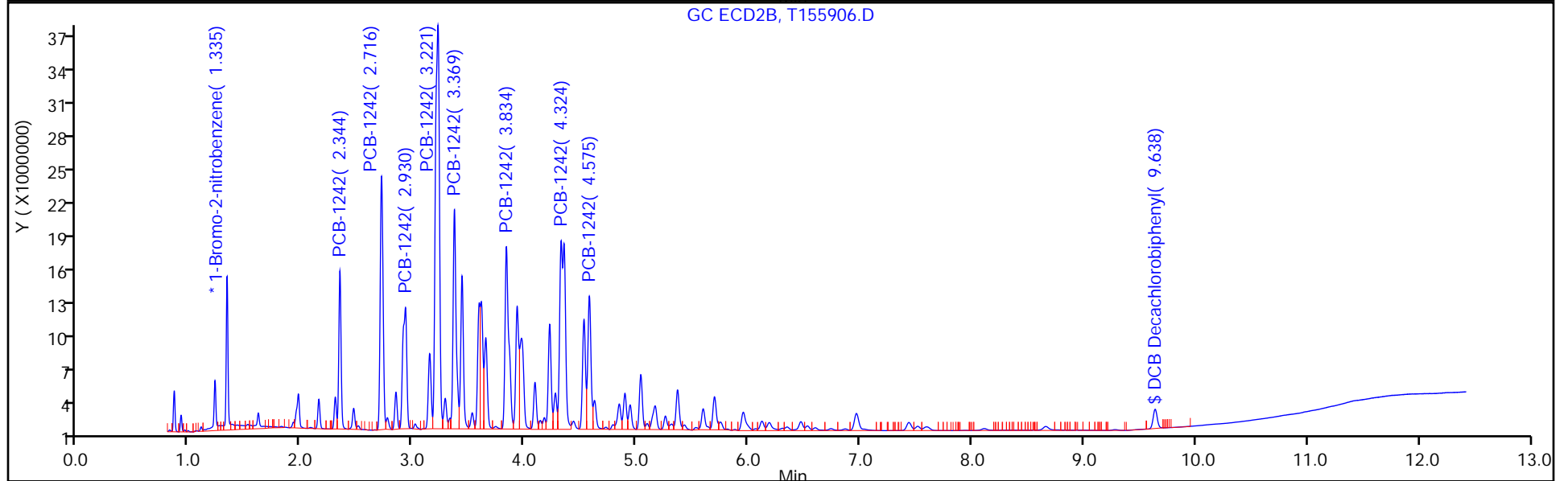
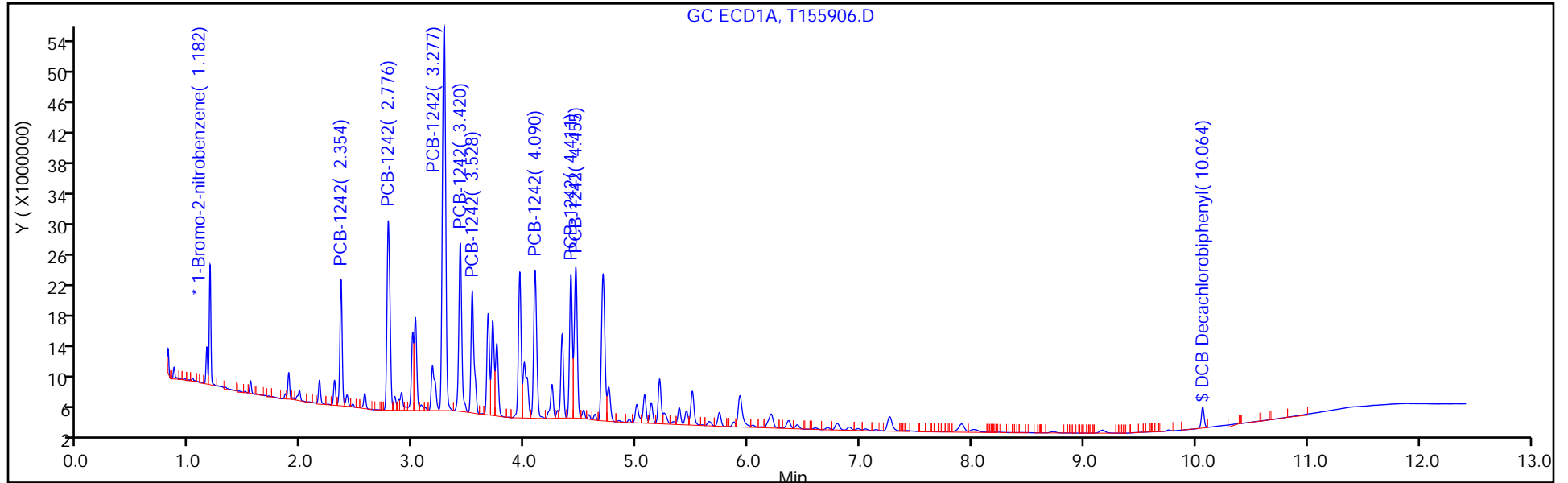
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 76

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





TestAmerica Edison

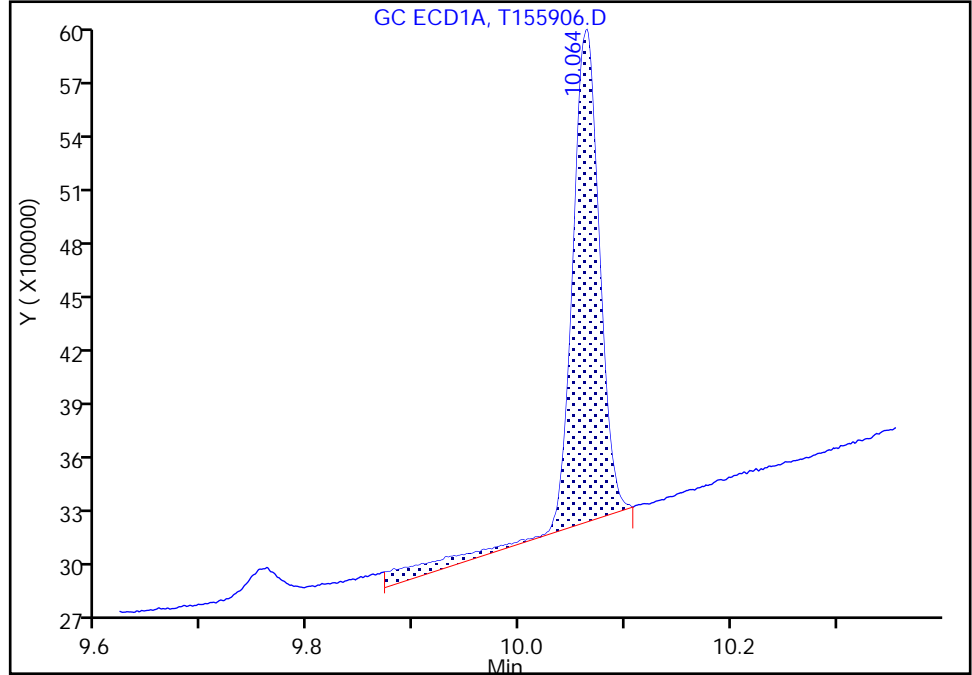
Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155906.D  
Injection Date: 28-Feb-2019 10:50:14 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-28-A Lab Sample ID: 460-176080-28  
Client ID: PRA-B6-WT@7.5-8  
Operator ID: ALS Bottle#: 76 Worklist Smp#: 36  
Injection Vol: 1.0 ul Dil. Factor: 10.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 1

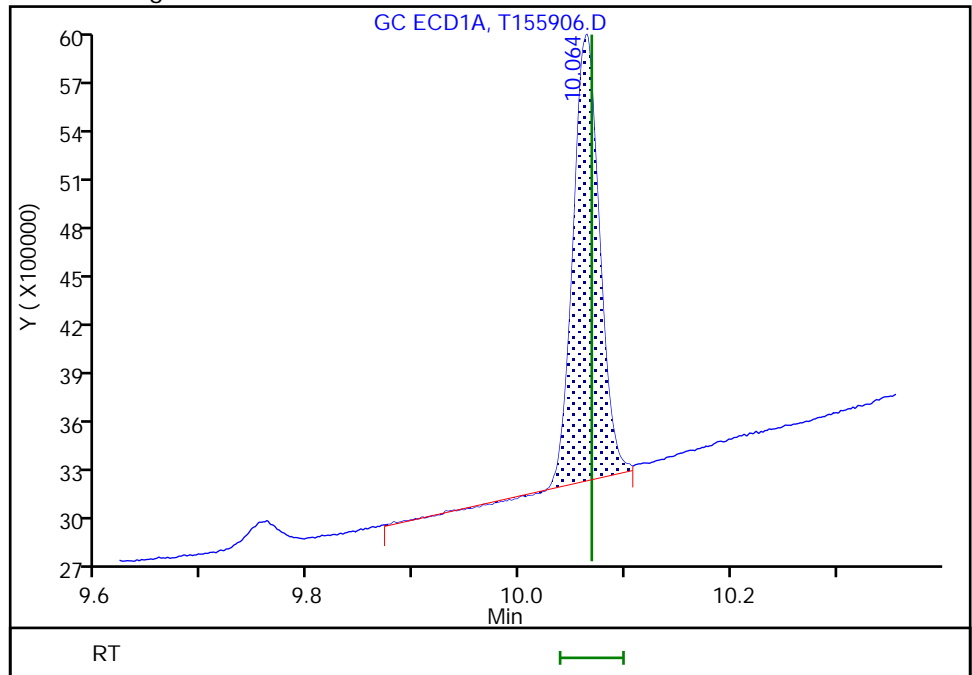
RT: 10.06  
Area: 5035053  
Amount: 5.888027  
Amount Units: ug/l

Processing Integration Results



RT: 10.06  
Area: 4686487  
Amount: 5.480412  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 11:07:43  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-WT@7.5-8 Lab Sample ID: 460-176080-28  
 Matrix: Solid Lab File ID: T155906.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:30  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 10:50  
 Con. Extract Vol.: 10(mL) Dilution Factor: 10  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 17.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	110	U	810	110
11104-28-2	Aroclor 1221	110	U	810	110
11141-16-5	Aroclor 1232	110	U	810	110
12672-29-6	Aroclor 1248	110	U	810	110
11097-69-1	Aroclor 1254	110	U	810	110
11096-82-5	Aroclor 1260	110	U	810	110
37324-23-5	Aroclor 1262	110	U	810	110
11100-14-4	Aroclor 1268	110	U	810	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155906.D  
 Lims ID: 460-176080-A-28-A  
 Client ID: PRA-B6-WT@7.5-8  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 10:50:14 ALS Bottle#: 76 Worklist Smp#: 36  
 Injection Vol: 1.0 ul Dil. Factor: 10.0000  
 Sample Info: 460-0087170-036  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:03:22 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 11:08:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.182	1.185	-0.003	15961936	20.0	
2	1.335	1.332	0.003	15391201	20.0	
					RPD = 0.00	

4 PCB-1242

1	2.354	2.353	0.001	23017341	1918.3	
1	2.776	2.777	-0.001	46269282	1851.0	
1	3.277	3.277	0.000	103669764	1825.3	
1	3.420	3.421	-0.001	40350610	1814.4	
1	3.528	3.528	0.000	30895488	1809.4	
1	4.090	4.090	0.000	37173829	1740.2	
1	4.411	4.411	0.000	32092525	1654.2	
1	4.455	4.456	-0.001	37132447	1720.6	
Average of Peak Amounts =					1791.7	
2	2.344	2.344	0.000	19716822	1668.6	
2	2.716	2.716	0.000	40094104	1794.0	
2	2.930	2.929	0.001	26719725	1773.8	
2	3.221	3.221	0.000	90604510	1835.3	
2	3.369	3.368	0.001	37022764	1832.8	
2	3.834	3.833	0.001	38041983	1766.0	
2	4.324	4.323	0.001	57195707	1757.0	M
2	4.575	4.576	-0.001	23382049	1868.0	M
Average of Peak Amounts =					1786.9	
					RPD = 0.26	

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155906.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\$ 11 DCB Decachlorobiphenyl M  
 1 10.064 10.068 -0.004 4686487 5.48 M  
 2 9.638 9.642 -0.004 4339484 6.03  
 RPD = 9.62

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013                      Amount Added: 20.00                      Units: uL                      Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155906.D

Injection Date: 28-Feb-2019 10:50:14

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-28-A

Lab Sample ID: 460-176080-28

Worklist Smp#: 36

Client ID: PRA-B6-WT@7.5-8

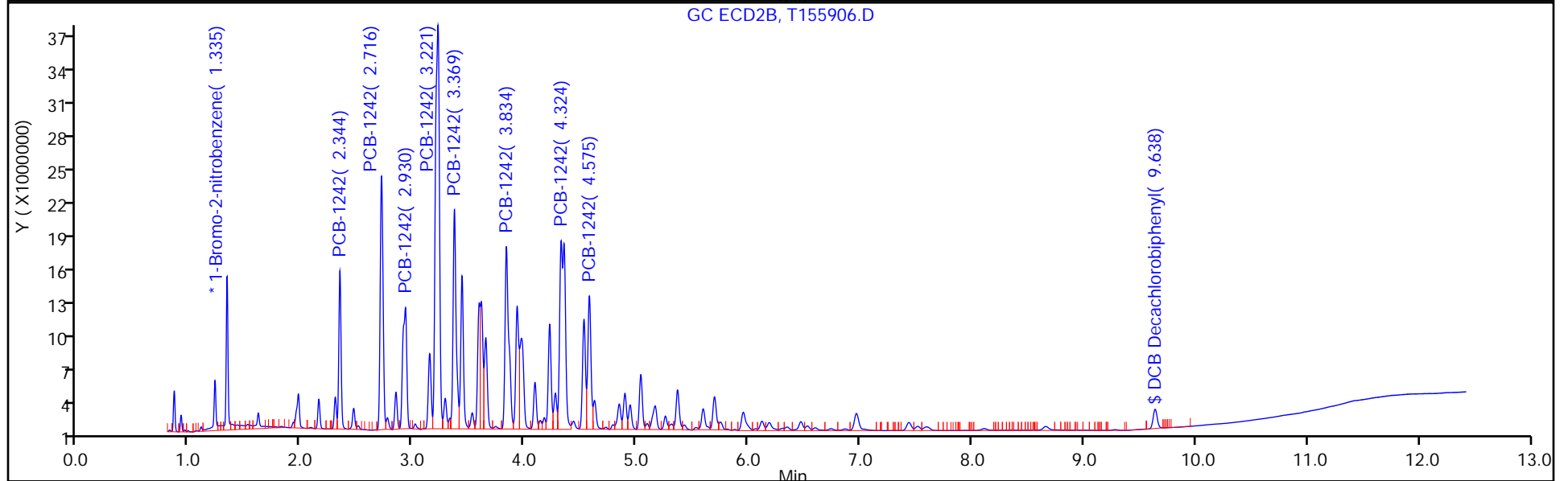
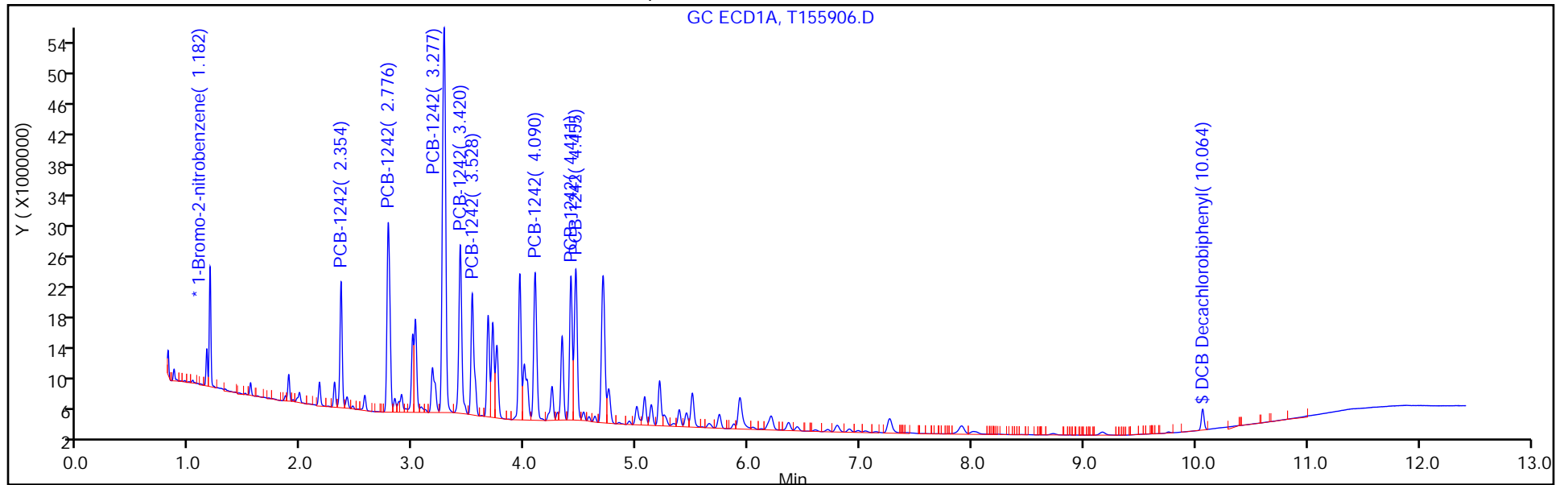
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 76

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155906.D

Injection Date: 28-Feb-2019 10:50:14

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-28-A

Lab Sample ID: 460-176080-28

Client ID: PRA-B6-WT@7.5-8

Operator ID:

ALS Bottle#: 76 Worklist Smp#: 36

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

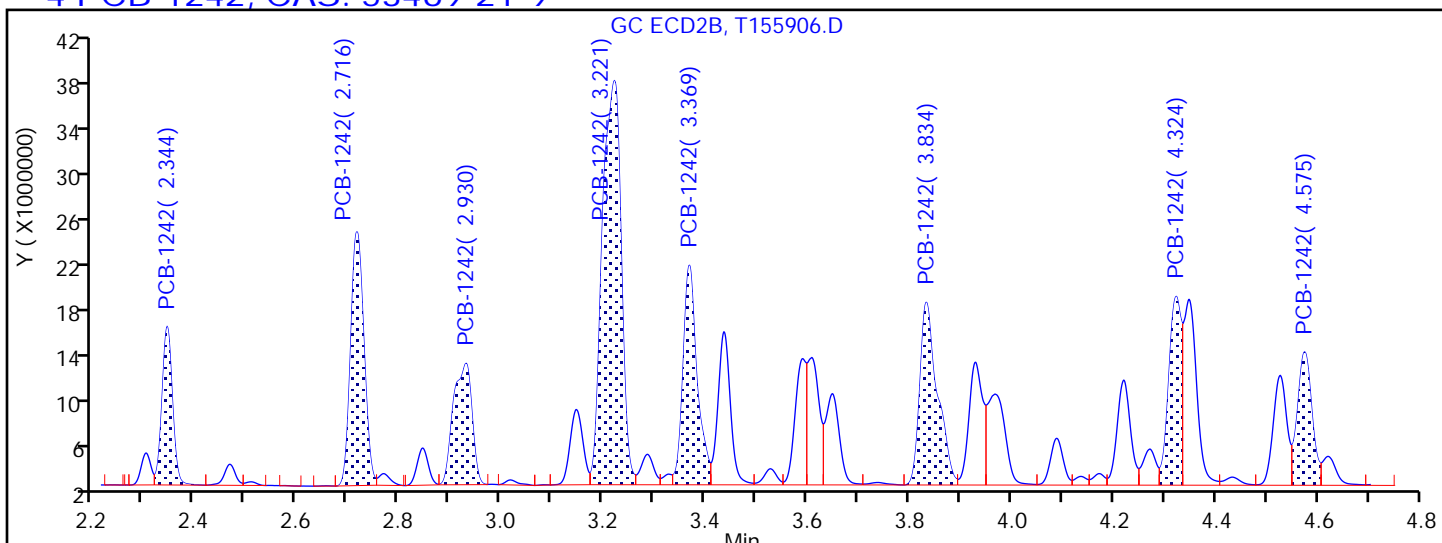
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

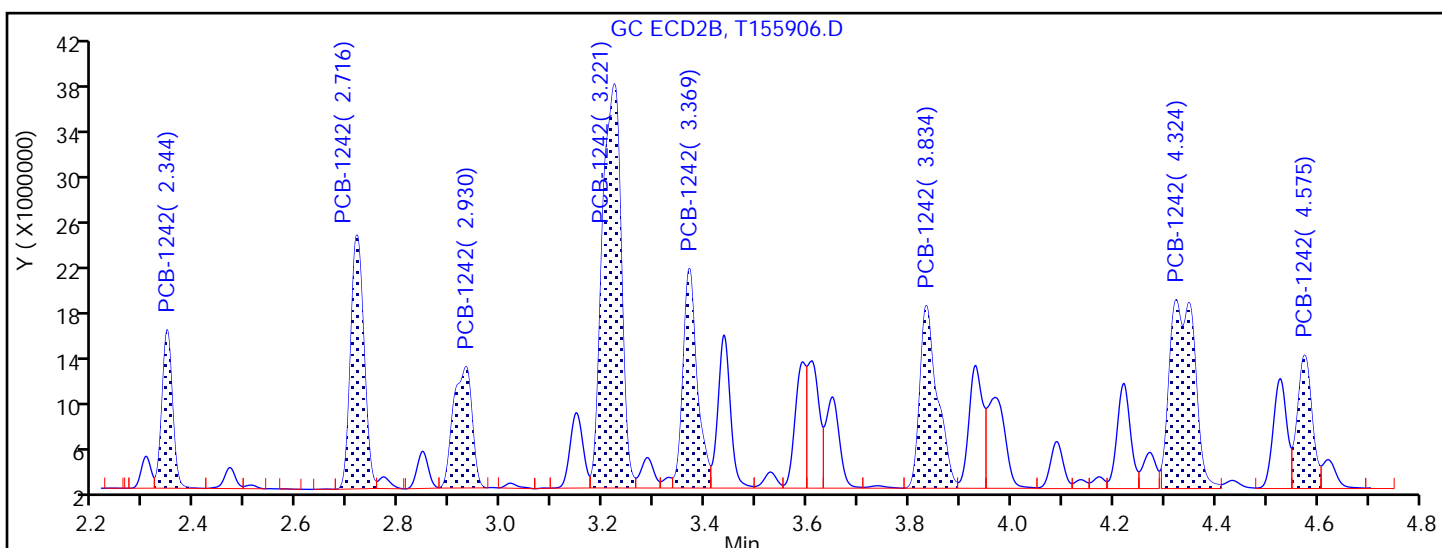
Detector GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.344	Response = 19716822
2.716	Response = 40094104
2.930	Response = 26719725
3.221	Response = 90604510
3.369	Response = 37022764
3.834	Response = 38041983
4.324	Response = 28484863
4.575	Response = 23380757



Manual Integration Results

2.344	Response = 19716822
2.716	Response = 40094104
2.930	Response = 26719725
3.221	Response = 90604510
3.369	Response = 37022764
3.834	Response = 38041983

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-SI@10.5-11 Lab Sample ID: 460-176080-29  
 Matrix: Solid Lab File ID: 9F003679.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:32  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 02:10  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	146		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003679.D  
 Lims ID: 460-176080-A-29-A  
 Client ID: PRA-B6-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 02:10:30 ALS Bottle#: 60 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-012  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:06:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.356 1.353 0.003 1515280 20.0 M  
 2 1.346 1.342 0.004 3774320 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.507 10.505 0.002 5728029 73.2  
 2 9.673 9.667 0.006 10945428 72.7  
 RPD = 0.65

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003679.D

Injection Date: 28-Feb-2019 02:10:30

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-29-A

Lab Sample ID: 460-176080-29

Worklist Smp#: 12

Client ID: PRA-B6-SI@10.5-11

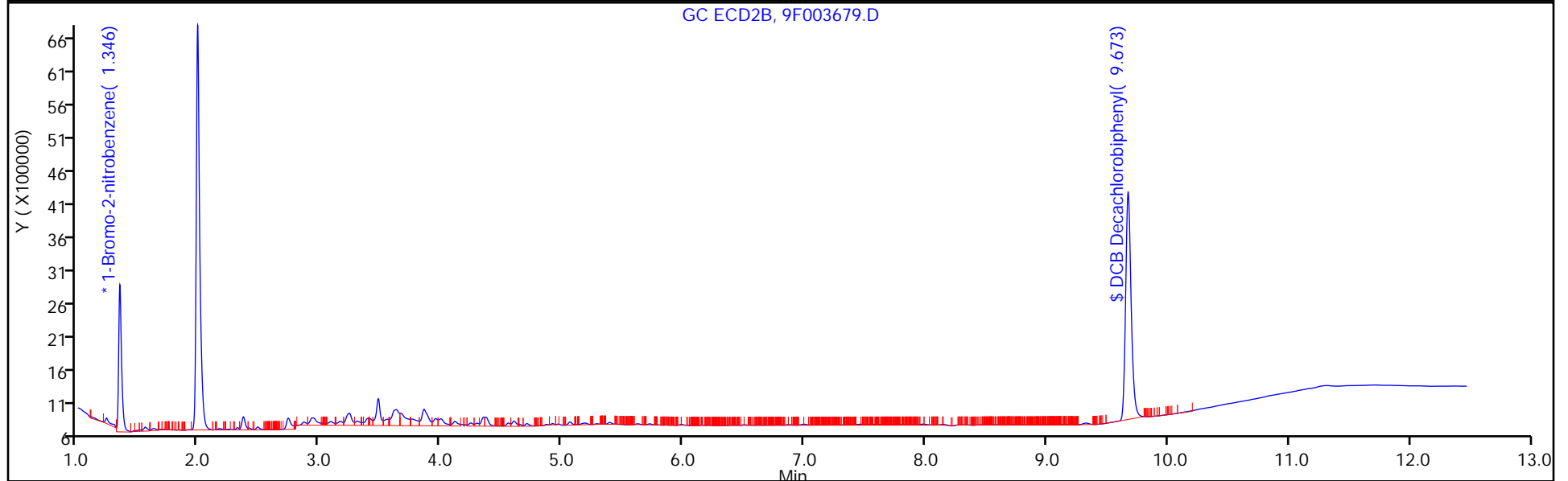
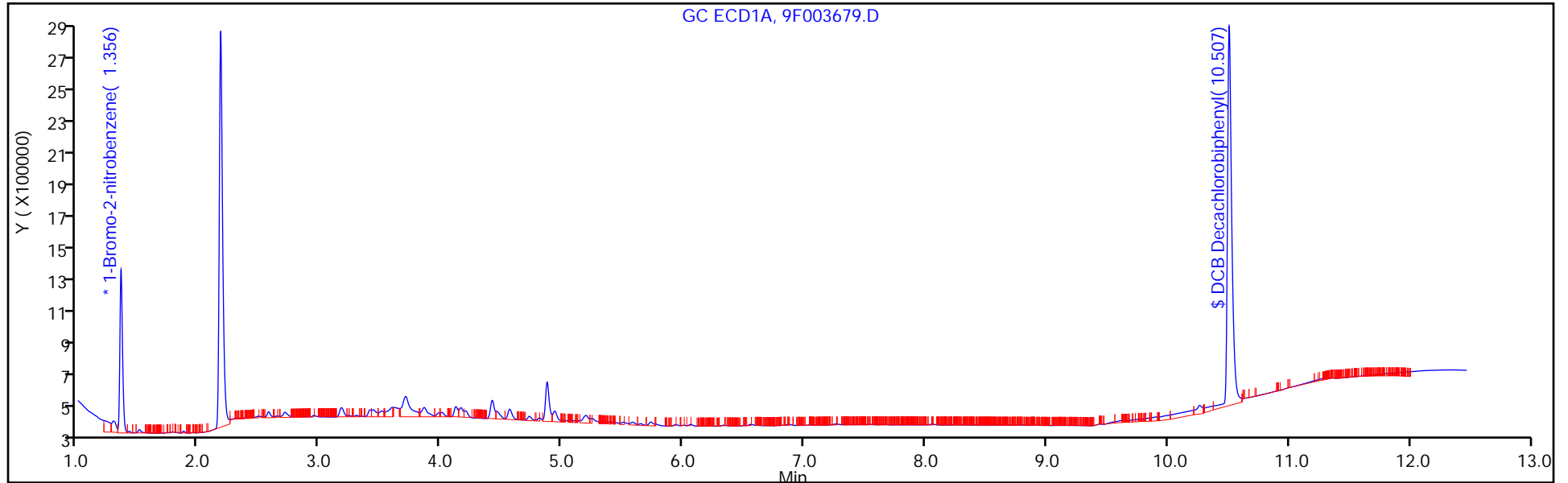
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 60

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



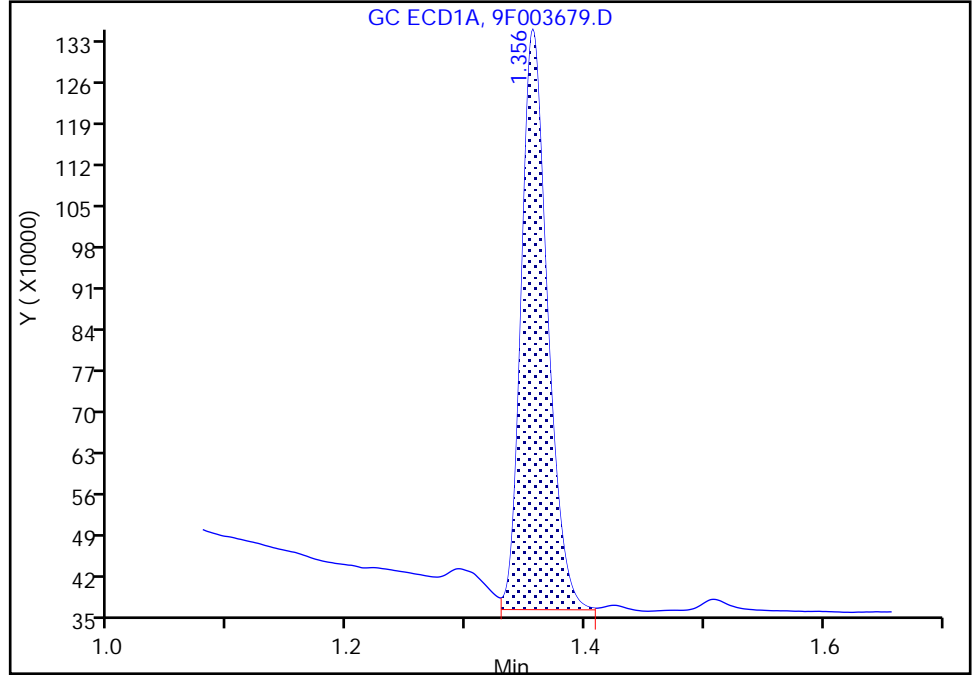
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003679.D  
Injection Date: 28-Feb-2019 02:10:30 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-29-A Lab Sample ID: 460-176080-29  
Client ID: PRA-B6-SI@10.5-11  
Operator ID: ALS Bottle#: 60 Worklist Smp#: 12  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

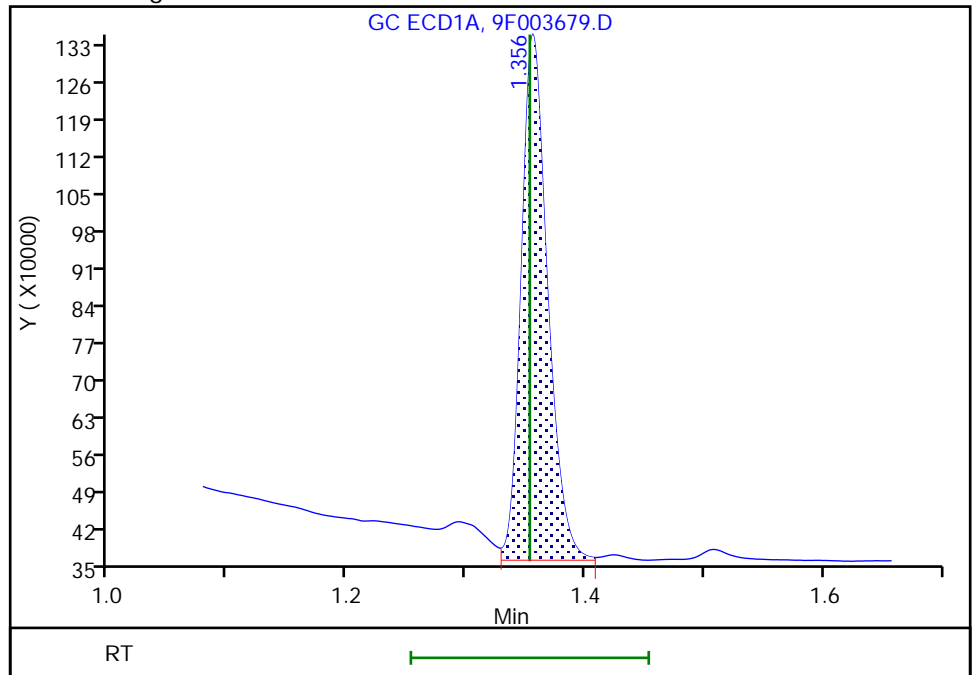
RT: 1.36  
Area: 1503020  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.36  
Area: 1515280  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:57:52  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-SI@10.5-11 Lab Sample ID: 460-176080-29  
 Matrix: Solid Lab File ID: 9F003679.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:32  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 02:10  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 15.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	79	10
11104-28-2	Aroclor 1221	10	U	79	10
11141-16-5	Aroclor 1232	10	U	79	10
53469-21-9	Aroclor 1242	10	U	79	10
12672-29-6	Aroclor 1248	10	U	79	10
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003679.D  
 Lims ID: 460-176080-A-29-A  
 Client ID: PRA-B6-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 02:10:30 ALS Bottle#: 60 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-012  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:06:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.356 1.353 0.003 1515280 20.0 M  
 2 1.346 1.342 0.004 3774320 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.507 10.505 0.002 5728029 73.2  
 2 9.673 9.667 0.006 10945428 72.7  
 RPD = 0.65

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003679.D

Injection Date: 28-Feb-2019 02:10:30

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-29-A

Lab Sample ID: 460-176080-29

Worklist Smp#: 12

Client ID: PRA-B6-SI@10.5-11

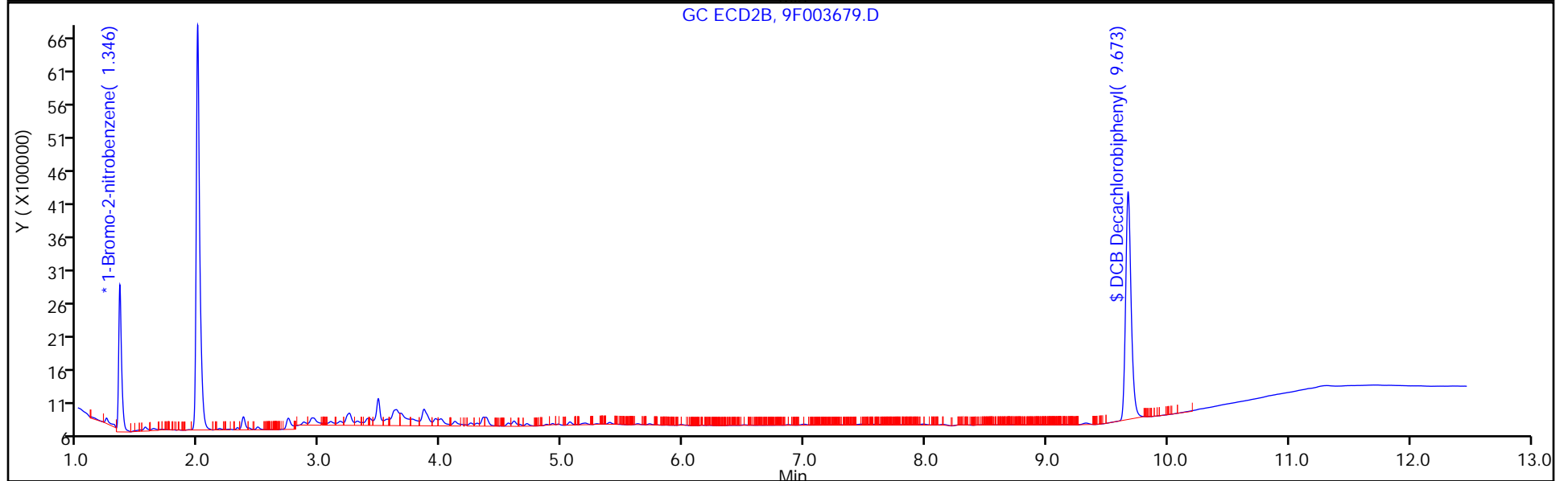
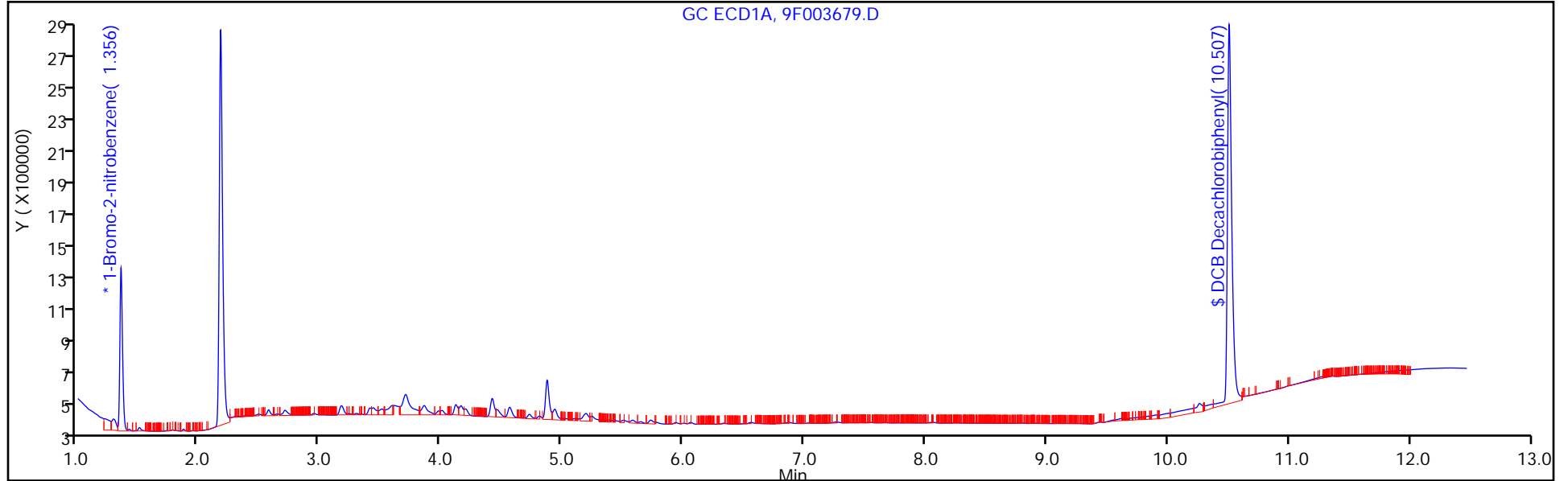
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 60

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



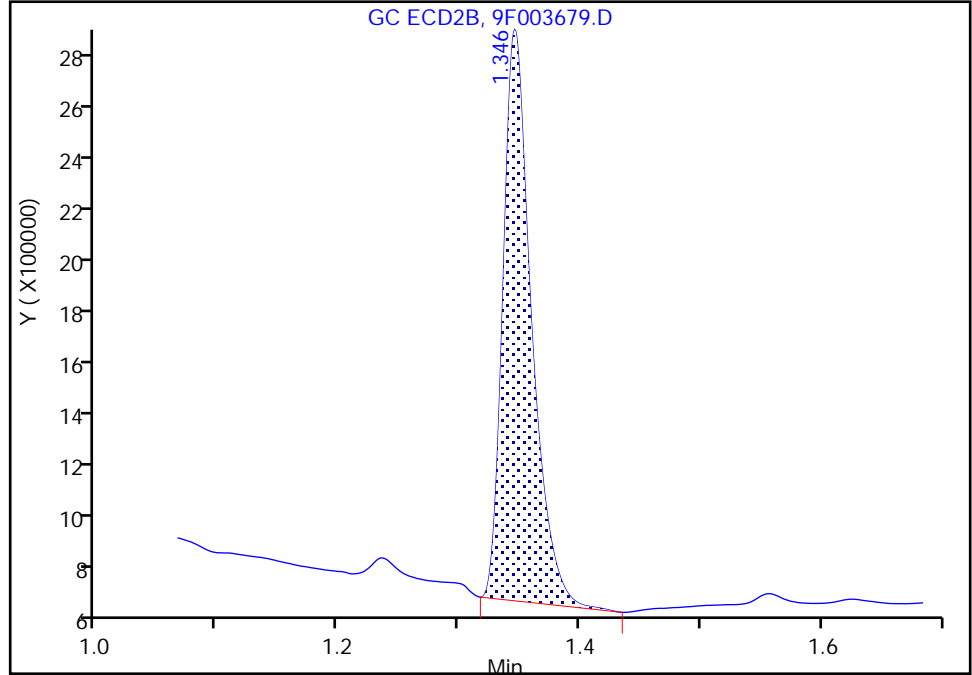
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003679.D  
Injection Date: 28-Feb-2019 02:10:30 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-29-A Lab Sample ID: 460-176080-29  
Client ID: PRA-B6-SI@10.5-11  
Operator ID: ALS Bottle#: 60 Worklist Smp#: 12  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

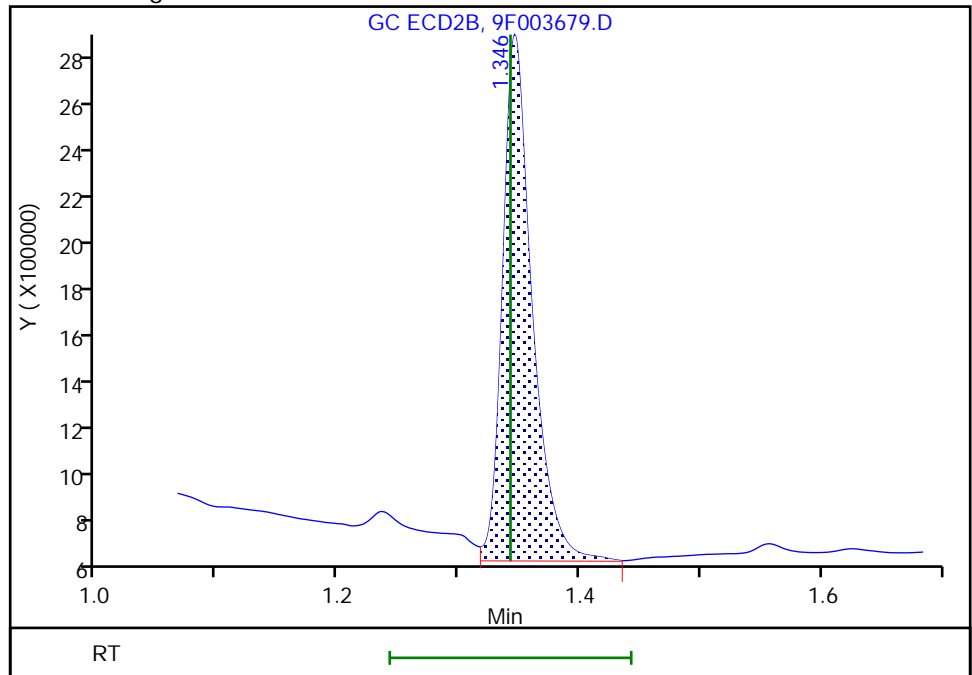
RT: 1.35  
Area: 3557049  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 3774320  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:58:08  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-SD@19.5-20 Lab Sample ID: 460-176080-30  
 Matrix: Solid Lab File ID: 9F003680.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:35  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 04:50  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 17.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	141		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003680.D  
 Lims ID: 460-176080-A-30-A  
 Client ID: PRA-B6-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:50:31 ALS Bottle#: 61 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-013  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:07:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.351 1.353 -0.002 1587164 20.0 M  
 2 1.340 1.342 -0.002 3847847 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.514 10.505 0.009 5763224 70.3  
 2 9.663 9.667 -0.004 10888014 70.9  
 RPD = 0.92

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003680.D

Injection Date: 28-Feb-2019 04:50:31

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-30-A

Lab Sample ID: 460-176080-30

Worklist Smp#: 13

Client ID: PRA-B6-SD@19.5-20

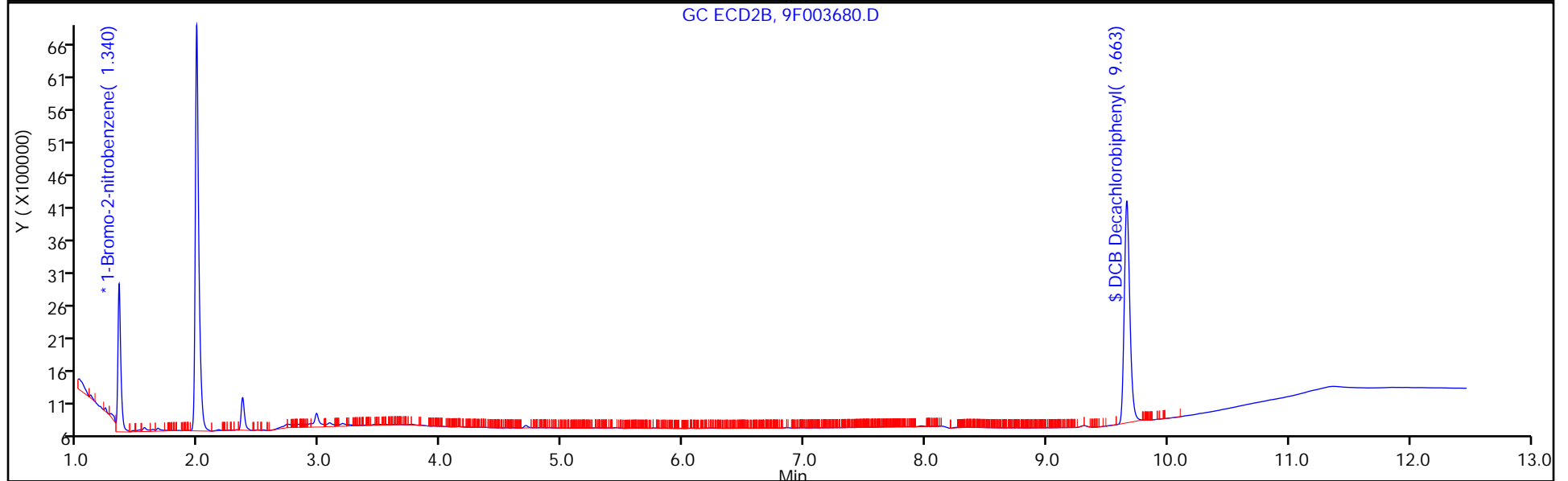
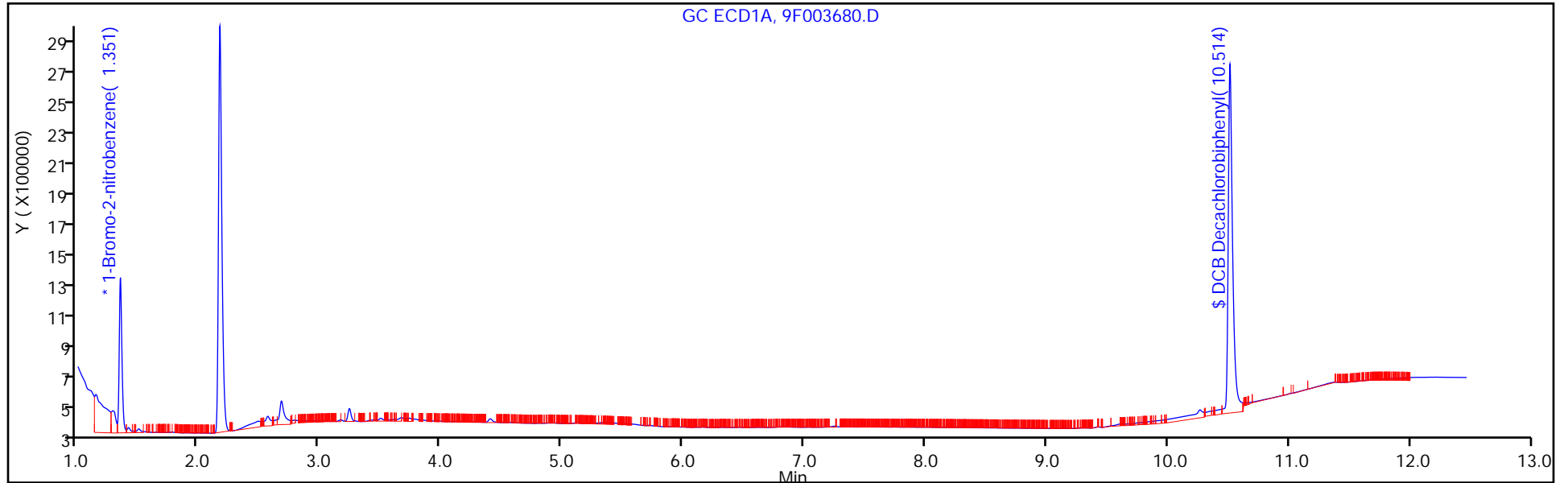
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 61

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



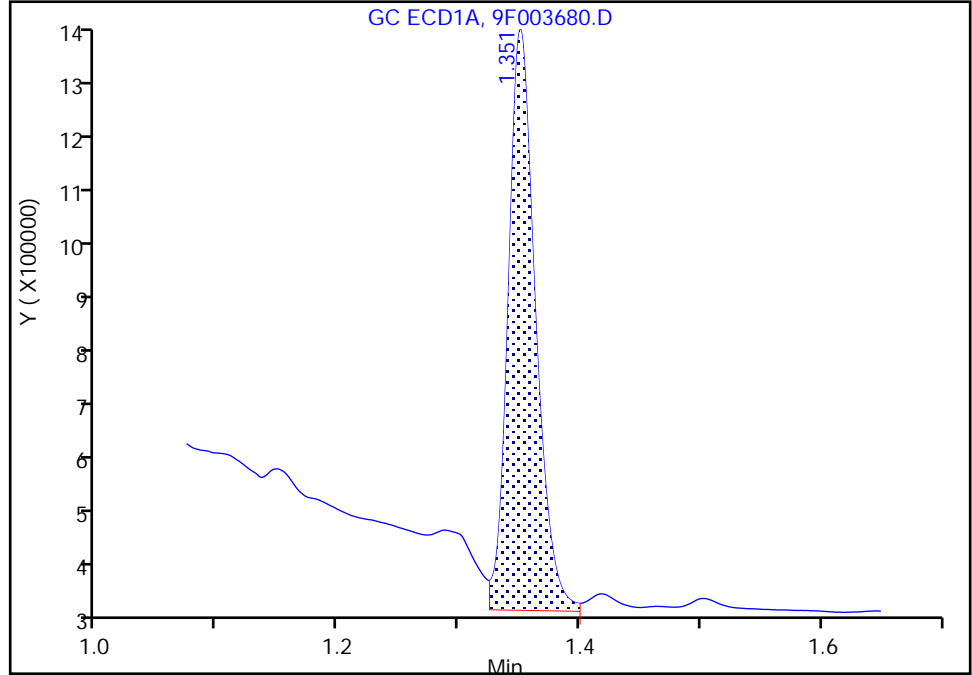
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003680.D  
Injection Date: 28-Feb-2019 04:50:31 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-30-A Lab Sample ID: 460-176080-30  
Client ID: PRA-B6-SD@19.5-20  
Operator ID: ALS Bottle#: 61 Worklist Smp#: 13  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

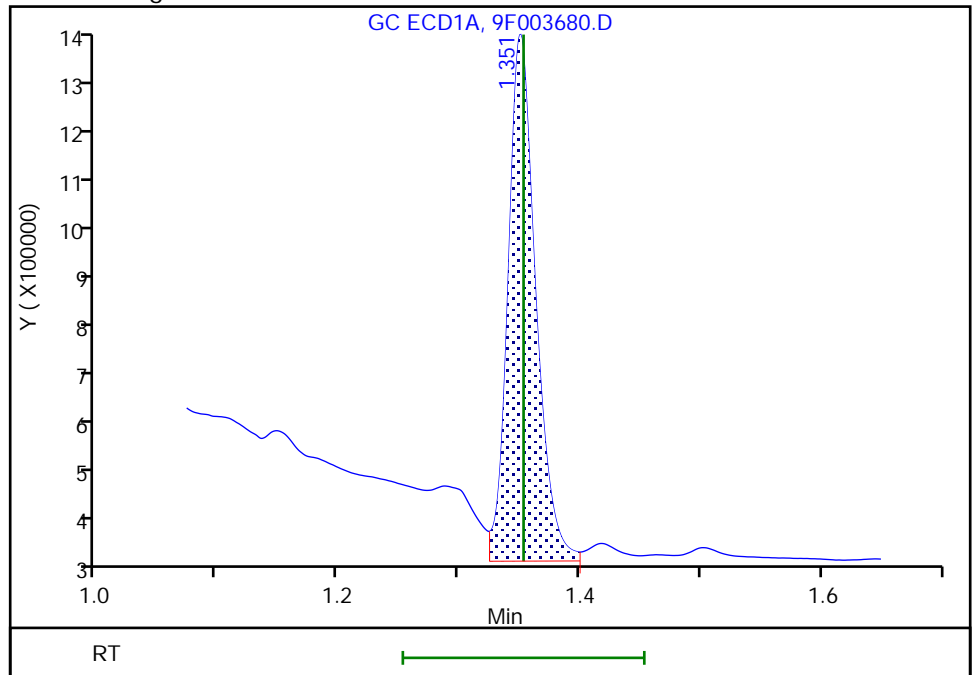
RT: 1.35  
Area: 1565420  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 1587164  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 08:07:10  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B6-SD@19.5-20 Lab Sample ID: 460-176080-30  
 Matrix: Solid Lab File ID: 9F003680.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:35  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 04:50  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 17.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	81	11
11104-28-2	Aroclor 1221	11	U	81	11
11141-16-5	Aroclor 1232	11	U	81	11
53469-21-9	Aroclor 1242	11	U	81	11
12672-29-6	Aroclor 1248	11	U	81	11
11097-69-1	Aroclor 1254	11	U	81	11
11096-82-5	Aroclor 1260	11	U	81	11
37324-23-5	Aroclor 1262	11	U	81	11
11100-14-4	Aroclor 1268	11	U	81	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003680.D  
 Lims ID: 460-176080-A-30-A  
 Client ID: PRA-B6-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 04:50:31 ALS Bottle#: 61 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-013  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:07:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.351 1.353 -0.002 1587164 20.0 M  
 2 1.340 1.342 -0.002 3847847 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.514 10.505 0.009 5763224 70.3  
 2 9.663 9.667 -0.004 10888014 70.9  
 RPD = 0.92

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003680.D

Injection Date: 28-Feb-2019 04:50:31

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-30-A

Lab Sample ID: 460-176080-30

Worklist Smp#: 13

Client ID: PRA-B6-SD@19.5-20

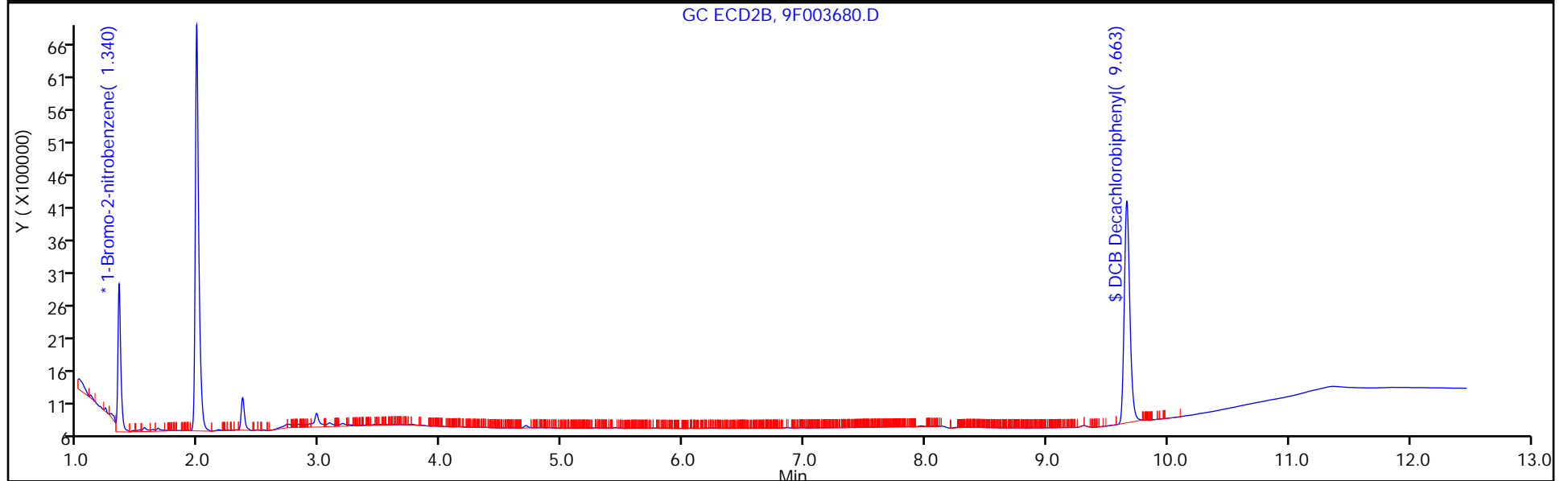
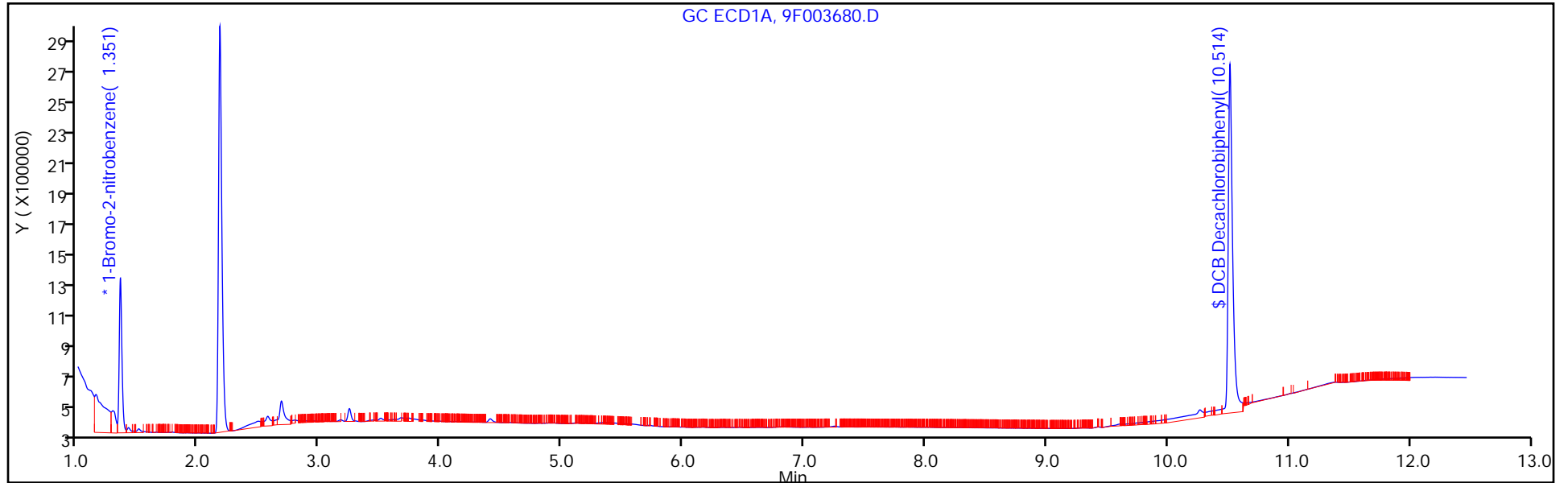
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 61

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



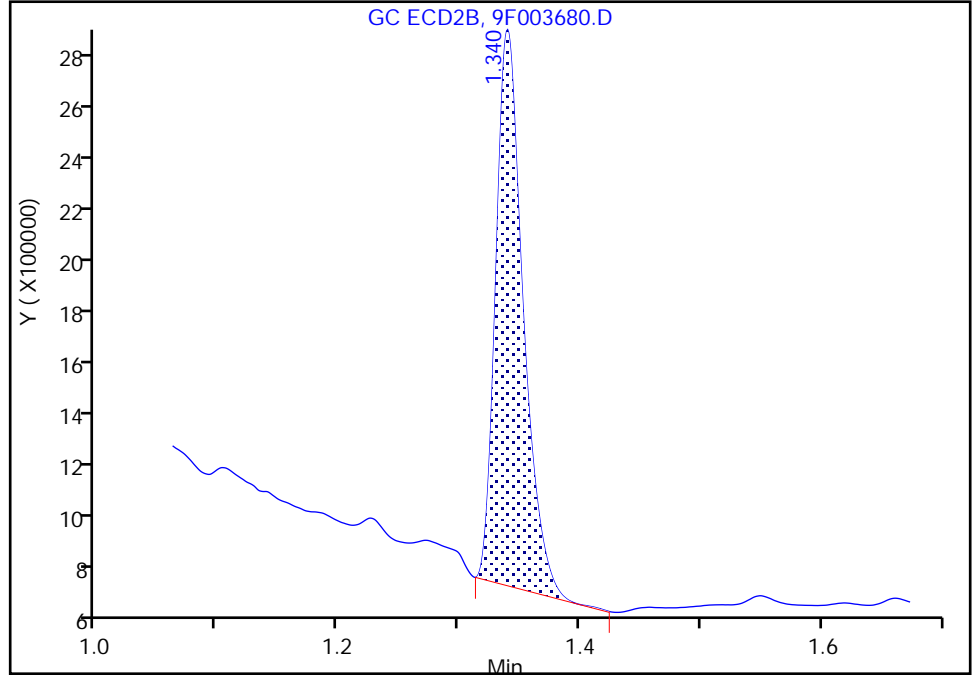
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003680.D  
Injection Date: 28-Feb-2019 04:50:31 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-30-A Lab Sample ID: 460-176080-30  
Client ID: PRA-B6-SD@19.5-20  
Operator ID: ALS Bottle#: 61 Worklist Smp#: 13  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

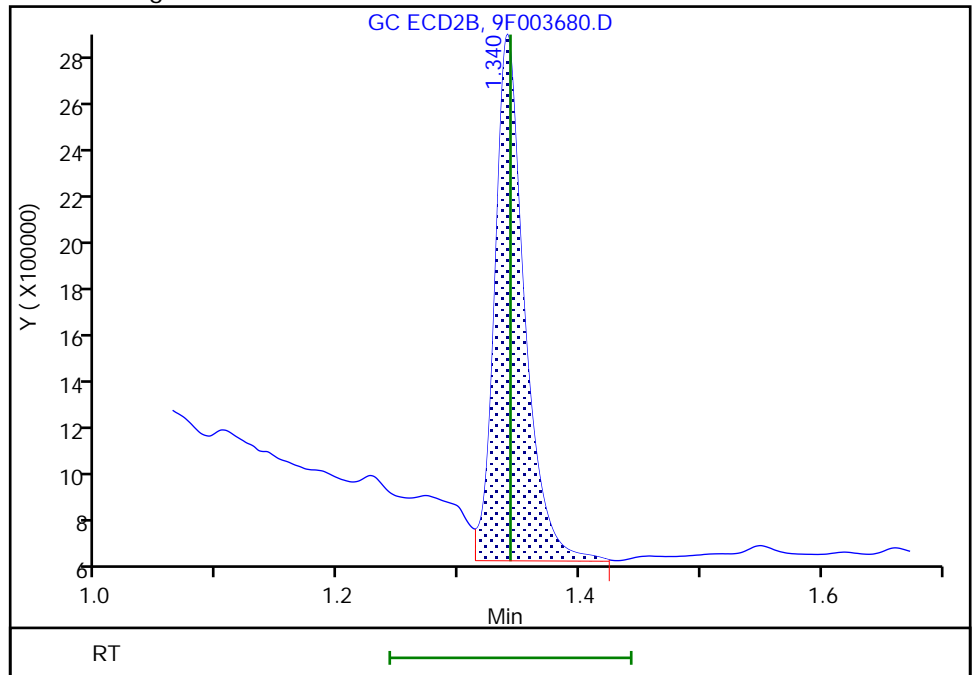
RT: 1.34  
Area: 3387763  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.34  
Area: 3847847  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 08:07:16  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-VS@1-1.5 Lab Sample ID: 460-176080-31  
 Matrix: Solid Lab File ID: 9F003681.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:45  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 05:07  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 5.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003681.D  
 Lims ID: 460-176080-A-31-A  
 Client ID: PRA-B7-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:07:25 ALS Bottle#: 62 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-014  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:08:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.353	1.353	0.000	1538868	20.0	
2	1.343	1.342	0.001	3789214	20.0	
						RPD = 0.00

\$ 11 DCB Decachlorobiphenyl

1	10.512	10.505	0.007	5324534	67.0	
2	9.667	9.667	0.000	10940246	72.4	
						RPD = 7.76

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003681.D

Injection Date: 28-Feb-2019 05:07:25

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-31-A

Lab Sample ID: 460-176080-31

Worklist Smp#: 14

Client ID: PRA-B7-VS@1-1.5

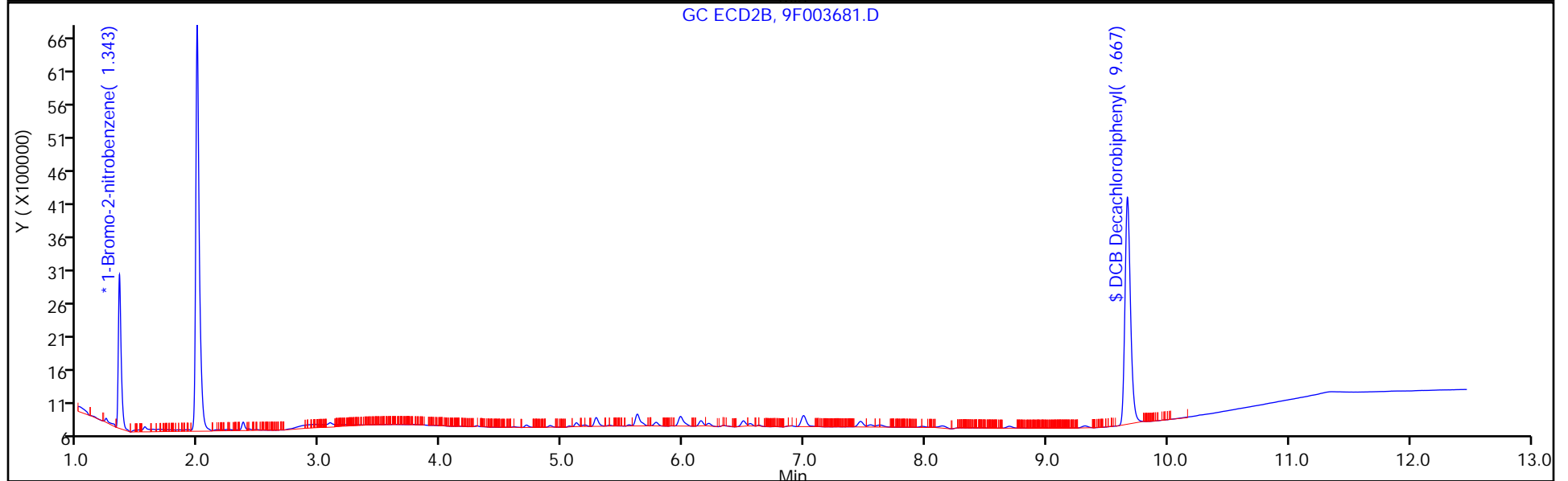
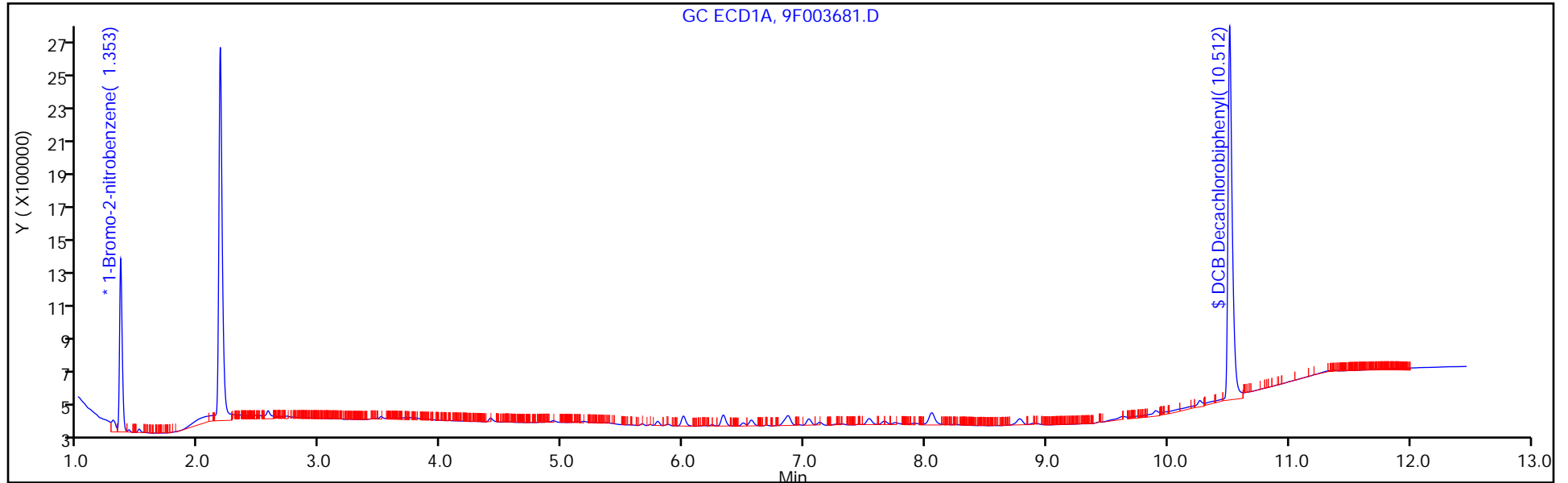
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 62

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-VS@1-1.5 Lab Sample ID: 460-176080-31  
 Matrix: Solid Lab File ID: 9F003681.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:45  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 05:07  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 5.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.4	U	71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	9.7	U	71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003681.D  
 Lims ID: 460-176080-A-31-A  
 Client ID: PRA-B7-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:07:25 ALS Bottle#: 62 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-014  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:08:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.353 1.353 0.000 1538868 20.0  
 2 1.343 1.342 0.001 3789214 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.512 10.505 0.007 5324534 67.0  
 2 9.667 9.667 0.000 10940246 72.4  
 RPD = 7.76

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003681.D

Injection Date: 28-Feb-2019 05:07:25

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-31-A

Lab Sample ID: 460-176080-31

Worklist Smp#: 14

Client ID: PRA-B7-VS@1-1.5

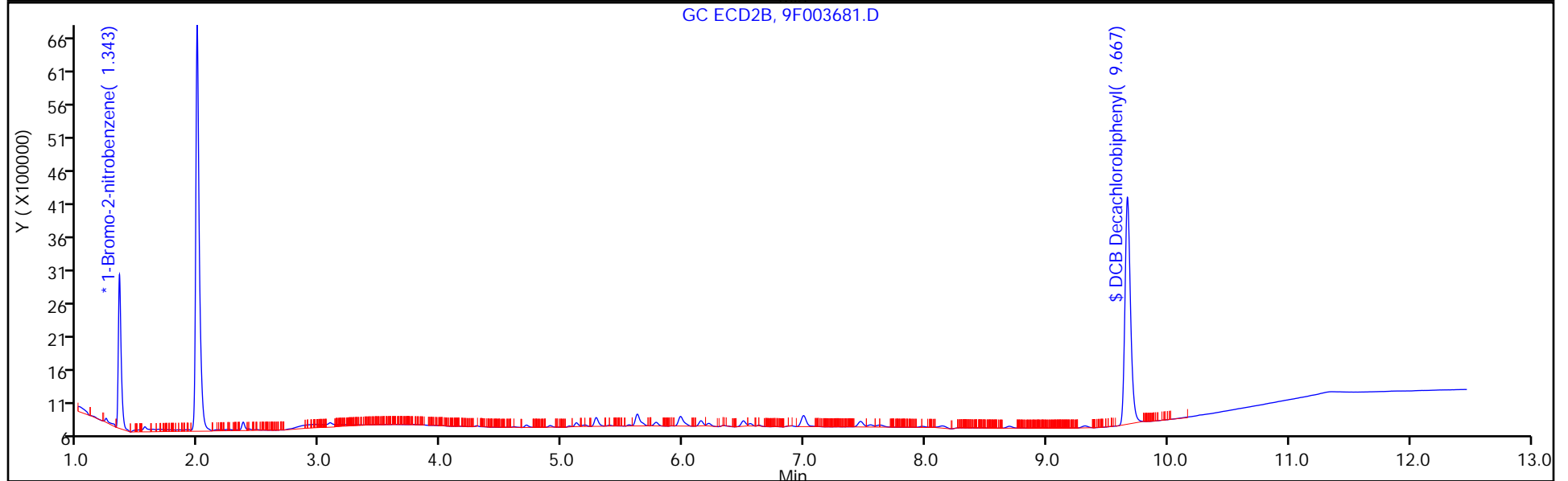
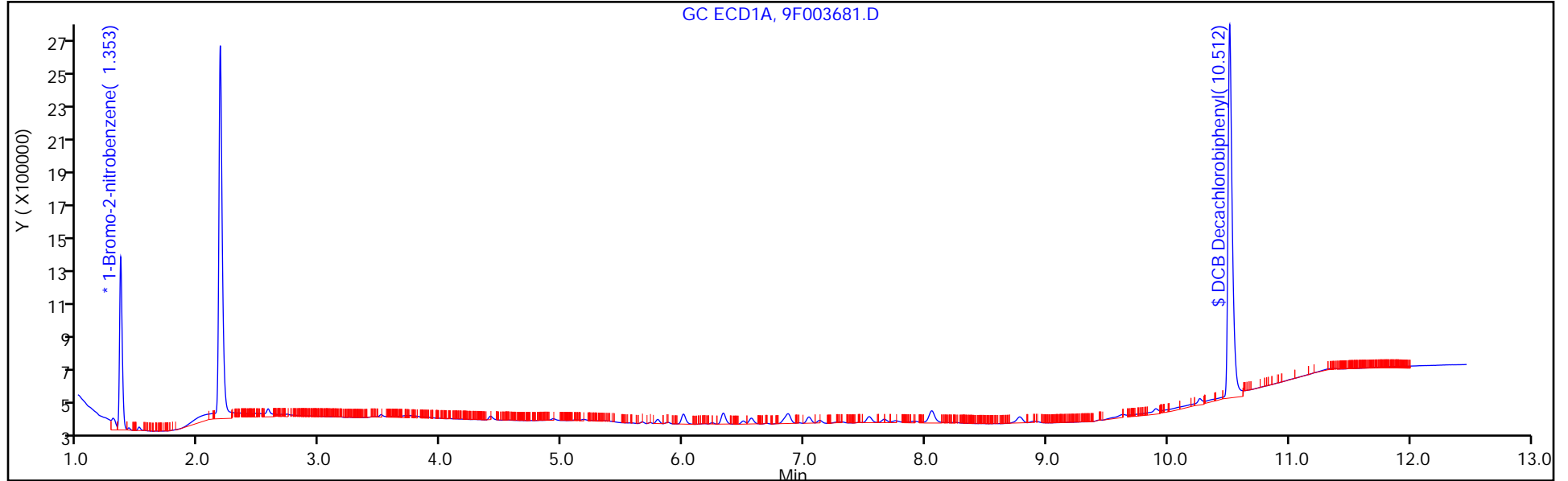
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 62

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-VD@3-3.5 Lab Sample ID: 460-176080-32  
 Matrix: Solid Lab File ID: 9F003682.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:47  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 05:24  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: 5.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003682.D  
 Lims ID: 460-176080-A-32-A  
 Client ID: PRA-B7-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:24:16 ALS Bottle#: 63 Worklist Smp#: 15  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-015  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:09:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.354 1.353 0.001 1506000 20.0  
 2 1.344 1.342 0.002 3554051 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.515 10.505 0.010 4874627 62.7  
 2 9.670 9.667 0.003 9781441 69.0  
 RPD = 9.64

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003682.D

Injection Date: 28-Feb-2019 05:24:16

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-32-A

Lab Sample ID: 460-176080-32

Worklist Smp#: 15

Client ID: PRA-B7-VD@3-3.5

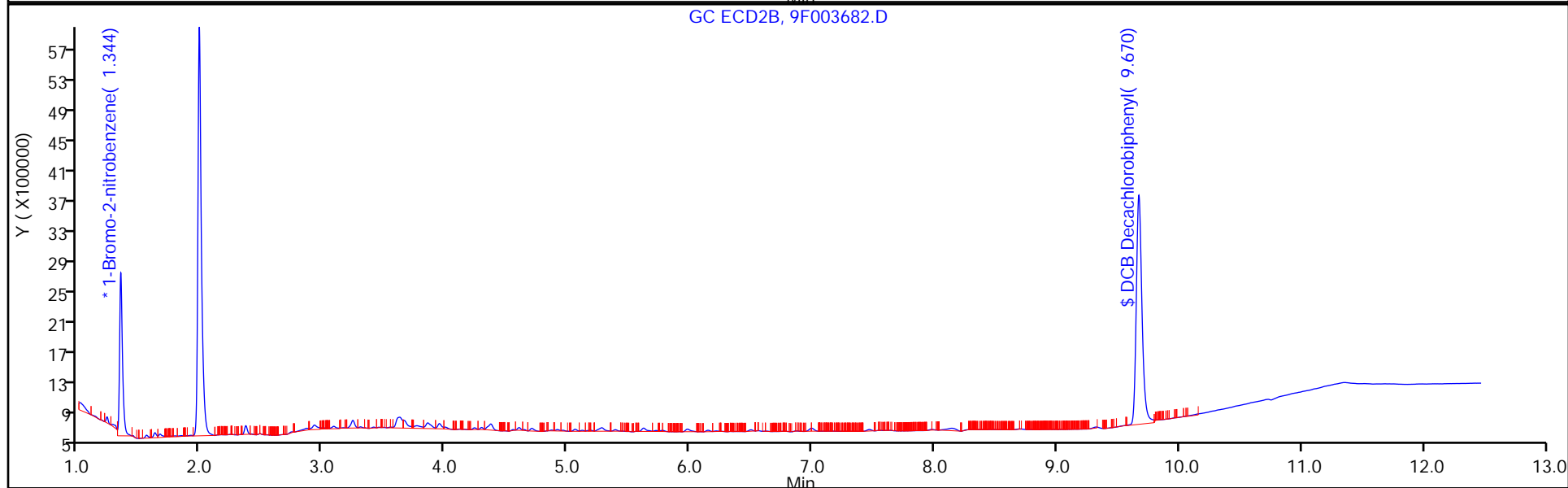
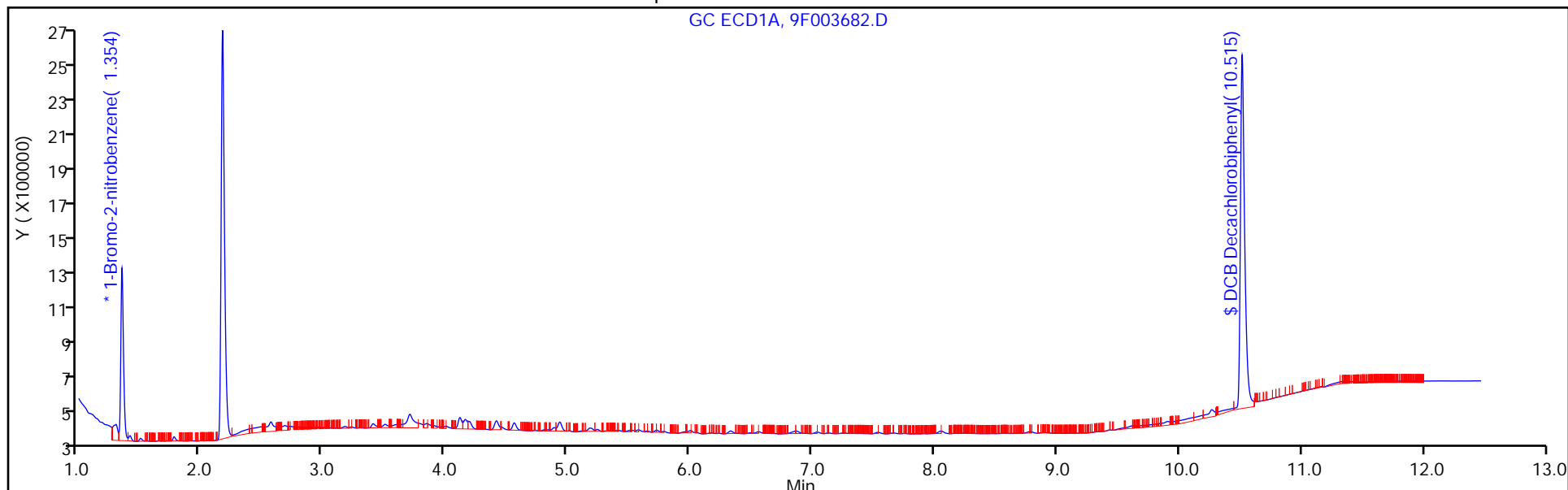
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 63

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-VD@3-3.5 Lab Sample ID: 460-176080-32  
 Matrix: Solid Lab File ID: 9F003682.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:47  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 05:24  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 5.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.4	U	71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	9.7	U	71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003682.D  
 Lims ID: 460-176080-A-32-A  
 Client ID: PRA-B7-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:24:16 ALS Bottle#: 63 Worklist Smp#: 15  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-015  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:09:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M

1	1.354	1.353	0.001	1506000	20.0	
2	1.344	1.342	0.002	3554051	20.0	M

RPD = 0.00

\$ 11 DCB Decachlorobiphenyl

1	10.515	10.505	0.010	4874627	62.7	
2	9.670	9.667	0.003	9781441	69.0	

RPD = 9.64

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003682.D

Injection Date: 28-Feb-2019 05:24:16

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-32-A

Lab Sample ID: 460-176080-32

Worklist Smp#: 15

Client ID: PRA-B7-VD@3-3.5

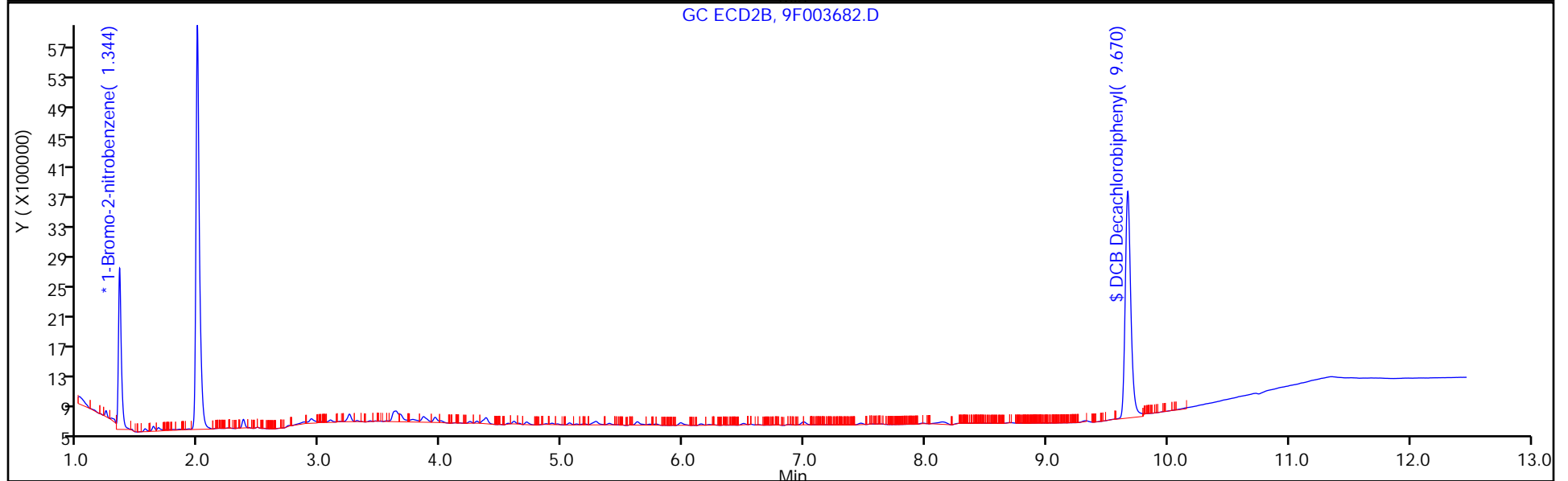
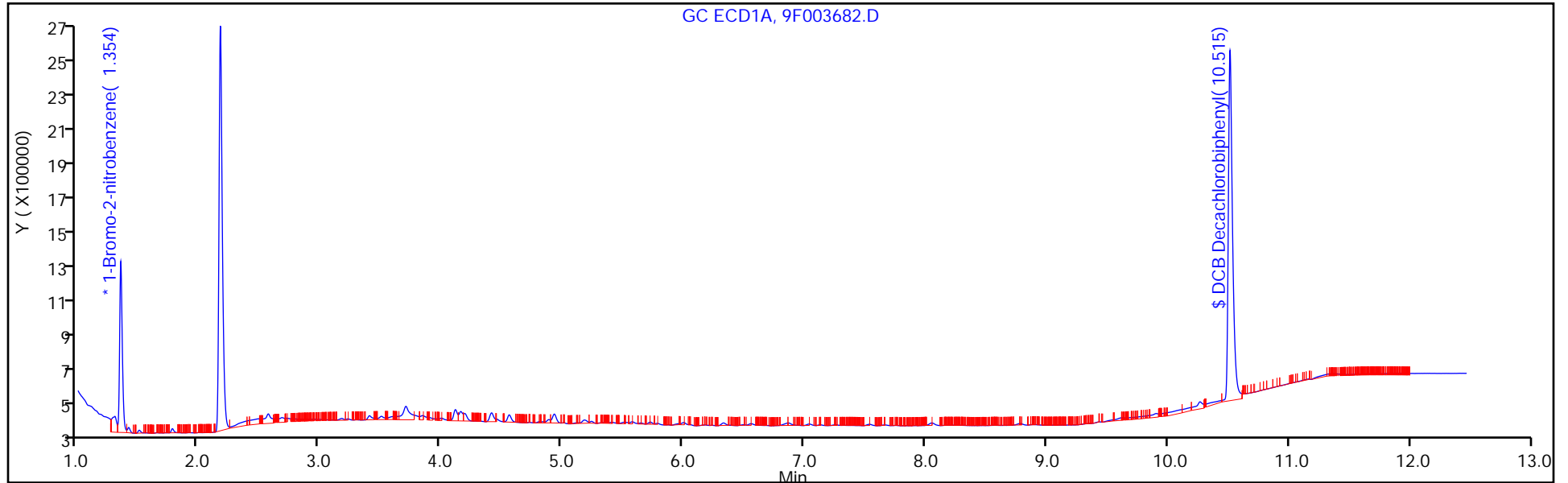
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 63

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



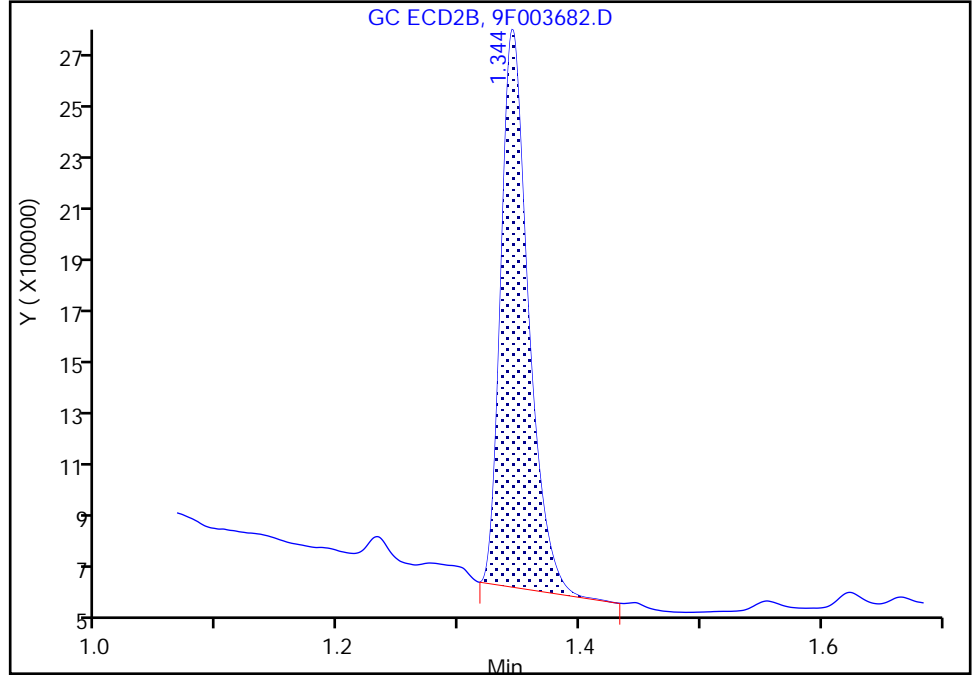
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003682.D  
Injection Date: 28-Feb-2019 05:24:16 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-32-A Lab Sample ID: 460-176080-32  
Client ID: PRA-B7-VD@3-3.5  
Operator ID: ALS Bottle#: 63 Worklist Smp#: 15  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

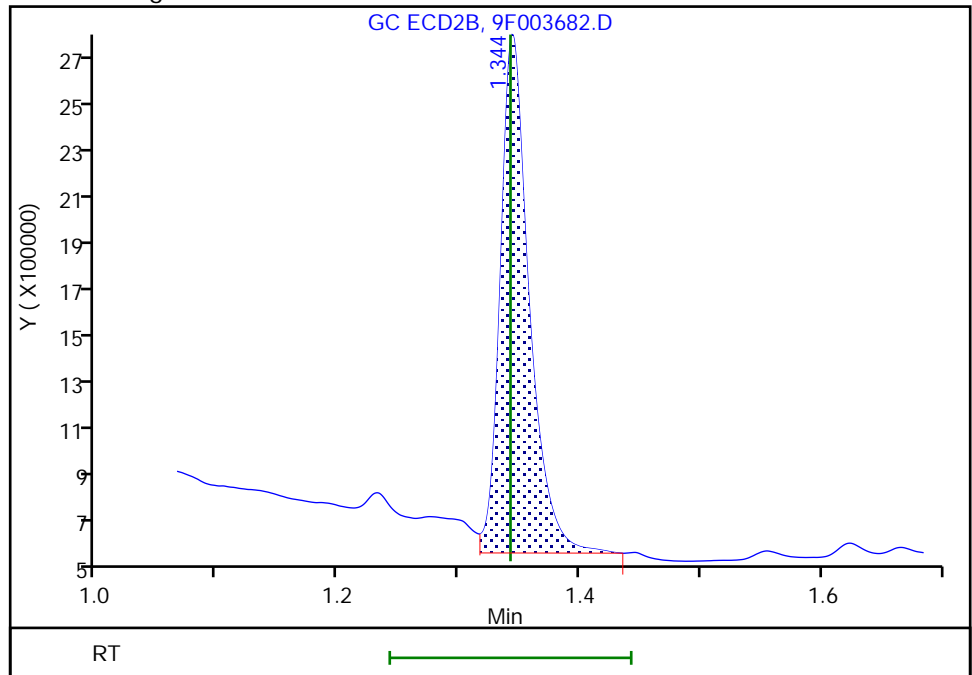
RT: 1.34  
Area: 3284059  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.34  
Area: 3554051  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 11:56:06  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B7-WT@8-8.5</u>	Lab Sample ID: <u>460-176080-33</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T155907.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 12:50</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>02/27/2019 08:49</u>
Sample wt/vol: <u>15.02 (g)</u>	Date Analyzed: <u>02/28/2019 11:30</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>50</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>13.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>592235</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D  
 Lims ID: 460-176080-A-33-A  
 Client ID: PRA-B7-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 11:30:56 ALS Bottle#: 77 Worklist Smp#: 37  
 Injection Vol: 1.0 ul Dil. Factor: 50.0000  
 Sample Info: 460-0087170-037  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:03:22 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 11:37:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene						M
1	1.186	1.185	0.001	18412594	20.0	
2	1.332	1.332	0.000	14777624	20.0	M
RPD = 0.00						
4 PCB-1242						M
1	2.364	2.353	0.011	13823282	998.7	
1	2.789	2.777	0.012	32313719	1120.7	
1	3.289	3.277	0.012	71217588	1087.0	
1	3.434	3.421	0.013	28083512	1094.7	
1	3.541	3.528	0.013	21058535	1069.1	
1	4.104	4.090	0.014	24313758	986.7	
1	4.425	4.411	0.014	21839056	975.9	
1	4.468	4.456	0.012	26051544	1046.5	
Average of Peak Amounts =						1047.4
2	2.341	2.344	-0.003	10752605	947.7	
2	2.714	2.716	-0.002	25597070	1192.9	
2	2.928	2.929	-0.001	17529545	1212.0	
2	3.219	3.221	-0.002	56029170	1182.1	
2	3.366	3.368	-0.002	22386325	1154.3	
2	3.832	3.833	-0.001	23569561	1139.6	
2	4.323	4.323	0.000	35734586	1143.3	M
2	4.578	4.576	0.002	15779766	1313.0	
Average of Peak Amounts =						1160.6
RPD = 10.25						

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

8 PCB-1260						M
1	5.276	5.272	0.004	6003806	229.6	
1	5.459	5.455	0.004	8427557	166.5	
1	5.754	5.750	0.004	10216611	148.8	
1	6.374	6.368	0.006	7520026	149.1	
1	6.809	6.803	0.006	7107845	154.7	
1	7.280	7.276	0.004	17592975	143.5	
1	7.922	7.919	0.003	12477941	143.6	
1	9.183	9.176	0.007	4885203	149.7	
Average of Peak Amounts =					160.7	
2	5.258	5.257	0.001	7007475	197.0	
2	5.956	5.956	0.000	11492951	177.3	
2	6.121	6.122	-0.001	6036288	199.0	
2	6.471	6.472	-0.001	5768693	175.3	
2	6.968	6.969	-0.001	14995756	202.0	
2	7.441	7.439	0.002	6802120	168.0	M
2	7.596	7.597	-0.001	4334189	213.3	M
2	8.664	8.666	-0.002	3845871	195.4	M
Average of Peak Amounts =					190.9	
RPD = 17.18						

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D

Injection Date: 28-Feb-2019 11:30:56

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-33-A

Lab Sample ID: 460-176080-33

Worklist Smp#: 37

Client ID: PRA-B7-WT@8-8.5

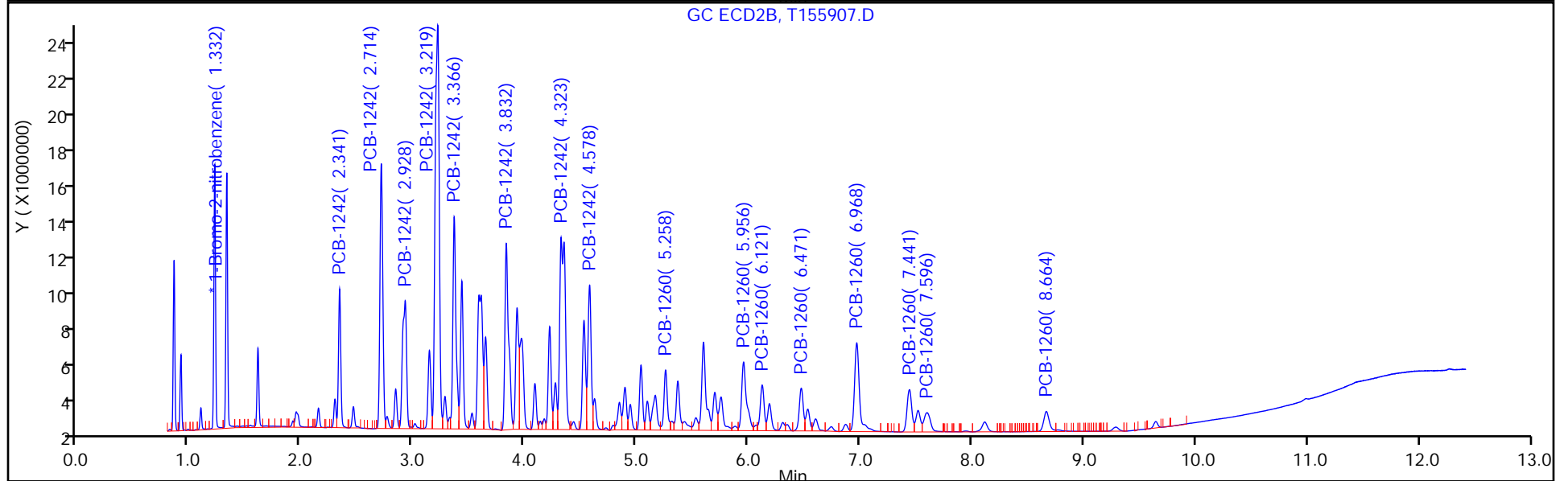
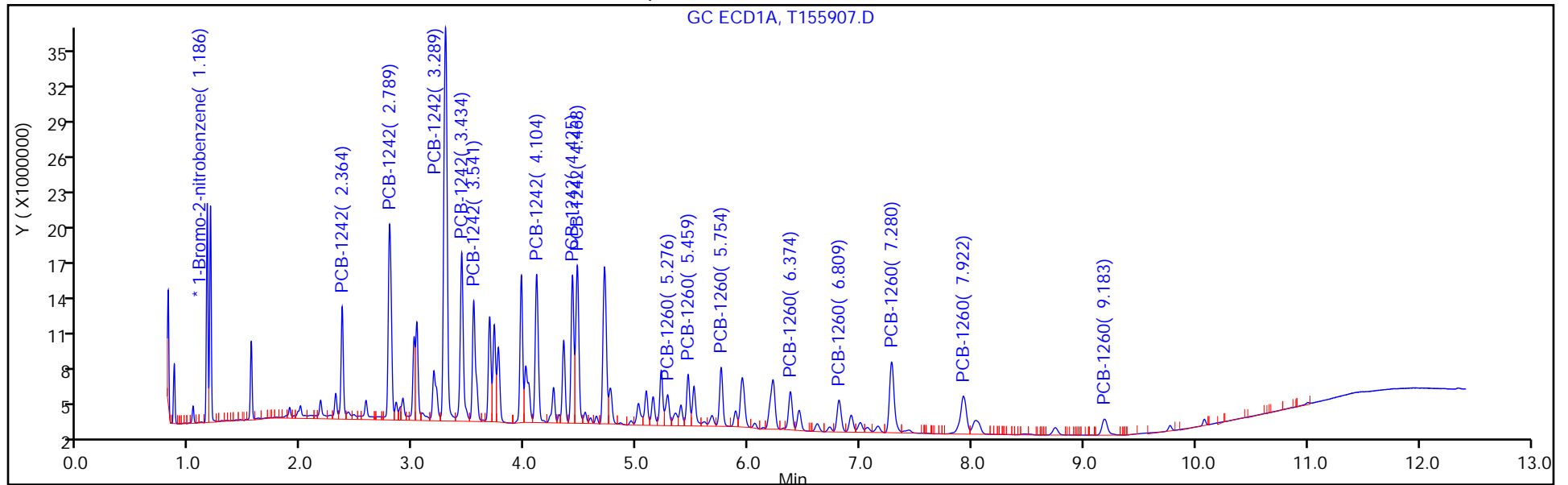
Injection Vol: 1.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 77

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

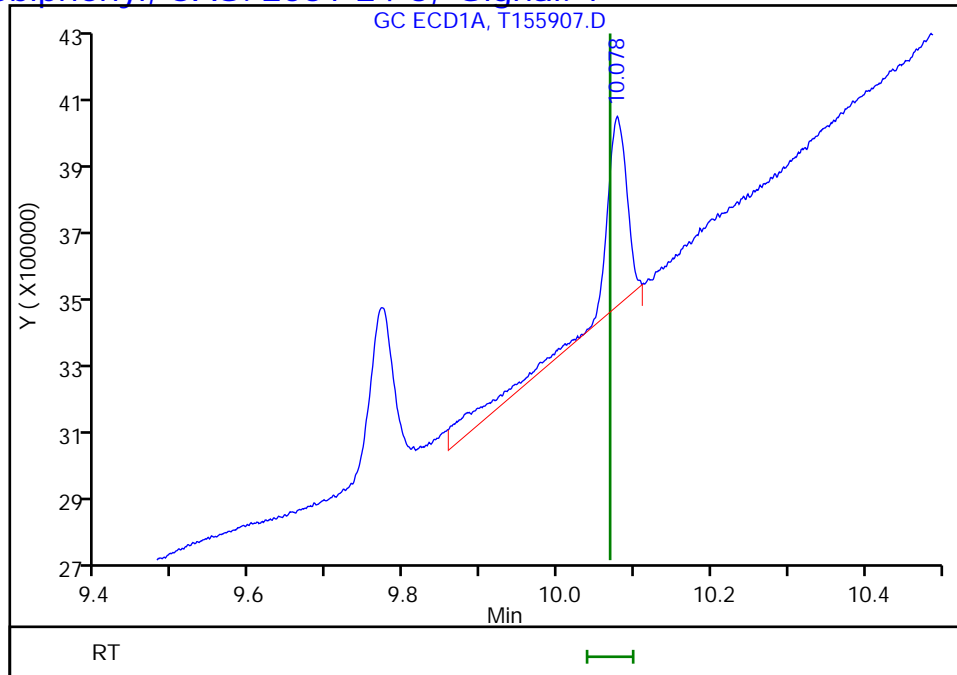


TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D  
Injection Date: 28-Feb-2019 11:30:56 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-33-A Lab Sample ID: 460-176080-33  
Client ID: PRA-B7-WT@8-8.5  
Operator ID: ALS Bottle#: 77 Worklist Smp#: 37  
Injection Vol: 1.0 ul Dil. Factor: 50.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 1**

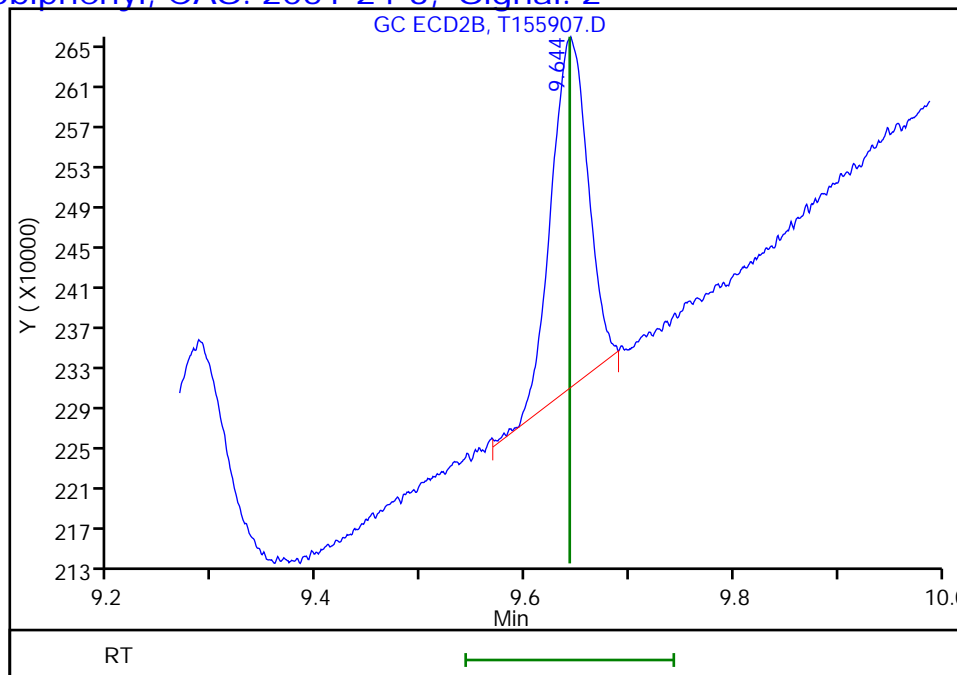
RT: 10.08  
Response: 1202275  
Amount: 1.218822



Column: Detector GC ECD2B

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 2**

RT: 9.64  
Response: 853460  
Amount: 1.198453



Reviewer: guhas, 28-Feb-2019 11:37:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-WT@8-8.5 Lab Sample ID: 460-176080-33  
 Matrix: Solid Lab File ID: T155907.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:50  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 11:30  
 Con. Extract Vol.: 10(mL) Dilution Factor: 50  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 13.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	510	U	3900	510
11104-28-2	Aroclor 1221	510	U	3900	510
11141-16-5	Aroclor 1232	510	U	3900	510
53469-21-9	Aroclor 1242	45000		3900	510
12672-29-6	Aroclor 1248	510	U	3900	510
11097-69-1	Aroclor 1254	530	U	3900	530
11096-82-5	Aroclor 1260	7300		3900	530
37324-23-5	Aroclor 1262	530	U	3900	530
11100-14-4	Aroclor 1268	530	U	3900	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D  
 Lims ID: 460-176080-A-33-A  
 Client ID: PRA-B7-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 11:30:56 ALS Bottle#: 77 Worklist Smp#: 37  
 Injection Vol: 1.0 ul Dil. Factor: 50.0000  
 Sample Info: 460-0087170-037  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:03:22 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 11:37:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene						M
1	1.186	1.185	0.001	18412594	20.0	
2	1.332	1.332	0.000	14777624	20.0	M
RPD = 0.00						
4 PCB-1242						M
1	2.364	2.353	0.011	13823282	998.7	
1	2.789	2.777	0.012	32313719	1120.7	
1	3.289	3.277	0.012	71217588	1087.0	
1	3.434	3.421	0.013	28083512	1094.7	
1	3.541	3.528	0.013	21058535	1069.1	
1	4.104	4.090	0.014	24313758	986.7	
1	4.425	4.411	0.014	21839056	975.9	
1	4.468	4.456	0.012	26051544	1046.5	
Average of Peak Amounts =						1047.4
2	2.341	2.344	-0.003	10752605	947.7	
2	2.714	2.716	-0.002	25597070	1192.9	
2	2.928	2.929	-0.001	17529545	1212.0	
2	3.219	3.221	-0.002	56029170	1182.1	
2	3.366	3.368	-0.002	22386325	1154.3	
2	3.832	3.833	-0.001	23569561	1139.6	
2	4.323	4.323	0.000	35734586	1143.3	M
2	4.578	4.576	0.002	15779766	1313.0	
Average of Peak Amounts =						1160.6
RPD = 10.25						

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

8 PCB-1260						M
1	5.276	5.272	0.004	6003806	229.6	
1	5.459	5.455	0.004	8427557	166.5	
1	5.754	5.750	0.004	10216611	148.8	
1	6.374	6.368	0.006	7520026	149.1	
1	6.809	6.803	0.006	7107845	154.7	
1	7.280	7.276	0.004	17592975	143.5	
1	7.922	7.919	0.003	12477941	143.6	
1	9.183	9.176	0.007	4885203	149.7	
Average of Peak Amounts =					160.7	
2	5.258	5.257	0.001	7007475	197.0	
2	5.956	5.956	0.000	11492951	177.3	
2	6.121	6.122	-0.001	6036288	199.0	
2	6.471	6.472	-0.001	5768693	175.3	
2	6.968	6.969	-0.001	14995756	202.0	
2	7.441	7.439	0.002	6802120	168.0	M
2	7.596	7.597	-0.001	4334189	213.3	M
2	8.664	8.666	-0.002	3845871	195.4	M
Average of Peak Amounts =					190.9	
RPD = 17.18						

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D

Injection Date: 28-Feb-2019 11:30:56

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-33-A

Lab Sample ID: 460-176080-33

Worklist Smp#: 37

Client ID: PRA-B7-WT@8-8.5

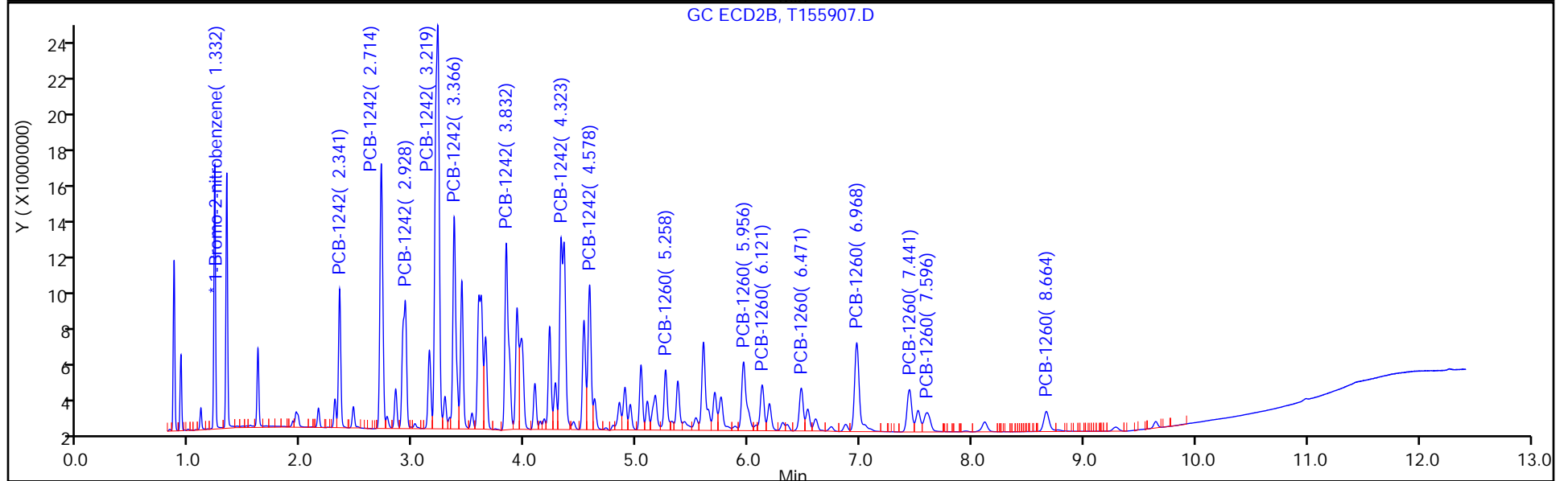
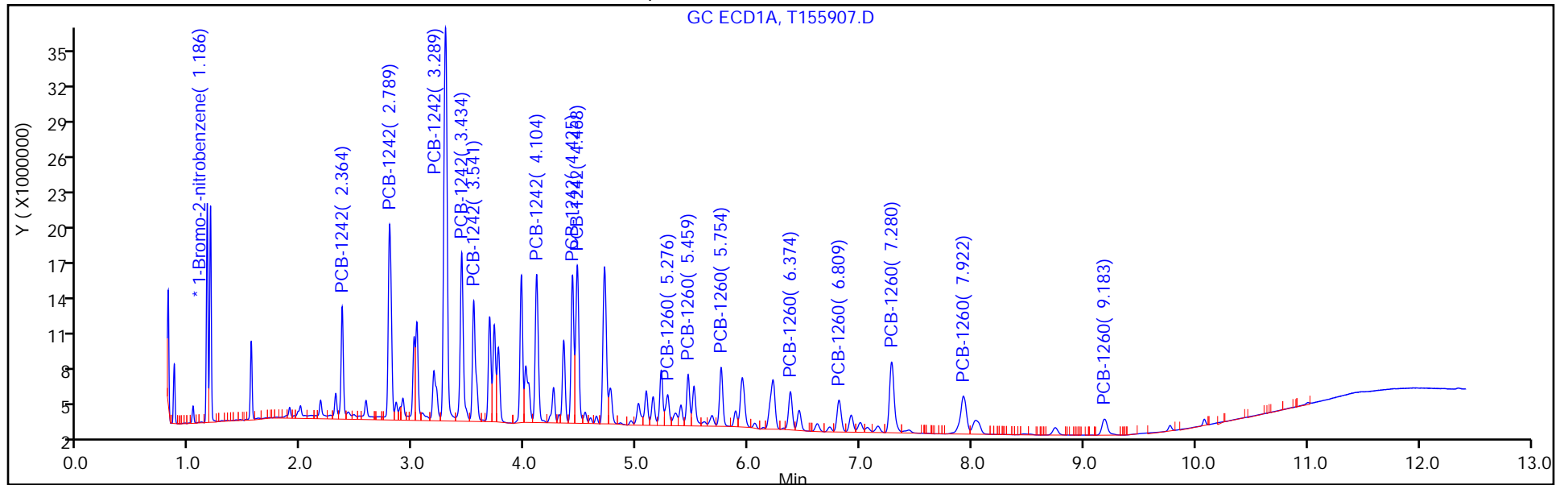
Injection Vol: 1.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 77

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

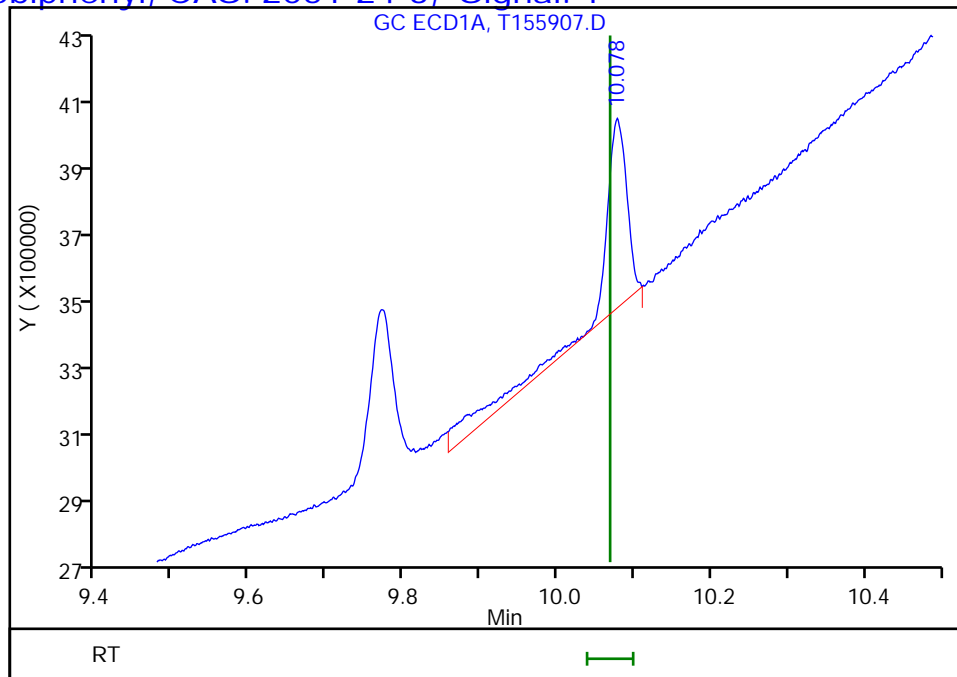


TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D  
Injection Date: 28-Feb-2019 11:30:56 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-33-A Lab Sample ID: 460-176080-33  
Client ID: PRA-B7-WT@8-8.5  
Operator ID: ALS Bottle#: 77 Worklist Smp#: 37  
Injection Vol: 1.0 ul Dil. Factor: 50.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 1**

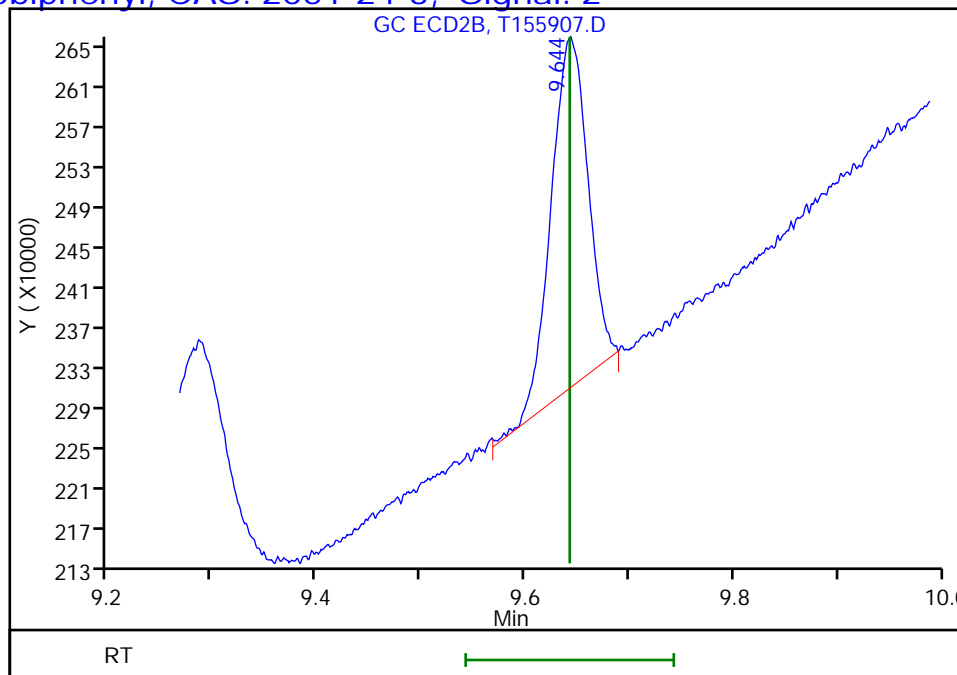
RT: 10.08  
Response: 1202275  
Amount: 1.218822



Column: Detector GC ECD2B

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 2**

RT: 9.64  
Response: 853460  
Amount: 1.198453



Reviewer: guhas, 28-Feb-2019 11:37:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D

Injection Date: 28-Feb-2019 11:30:56

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-33-A

Lab Sample ID: 460-176080-33

Client ID: PRA-B7-WT@8-8.5

Operator ID:

ALS Bottle#: 77

Worklist Smp#: 37

Injection Vol: 1.0 ul

Dil. Factor: 50.0000

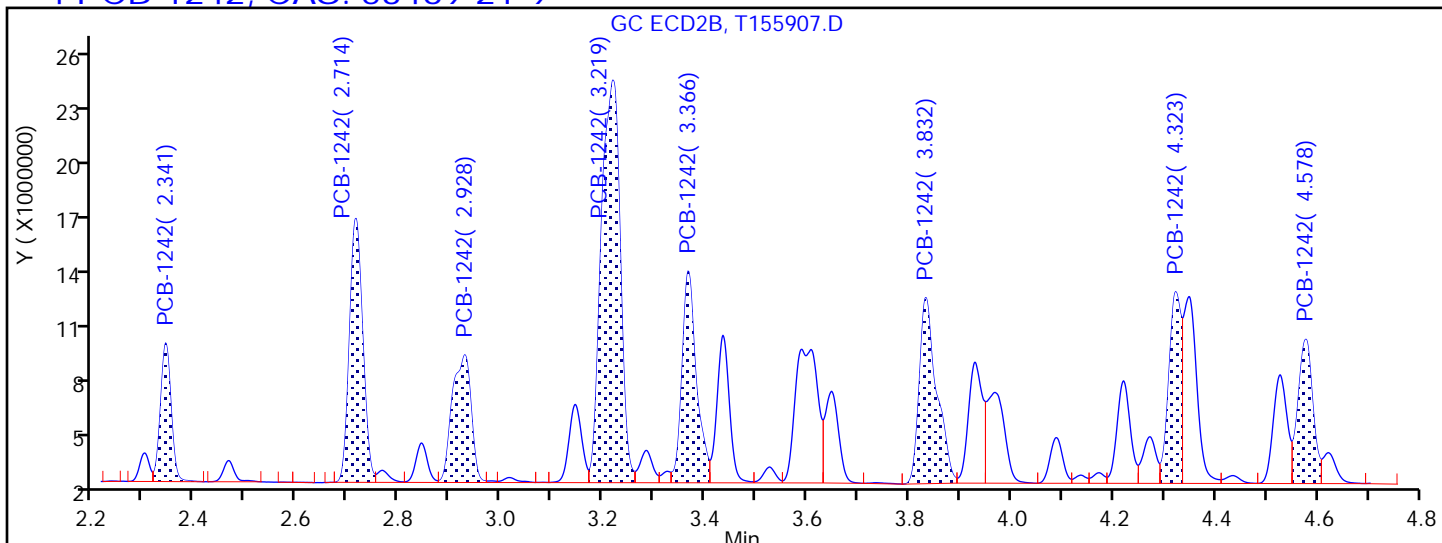
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

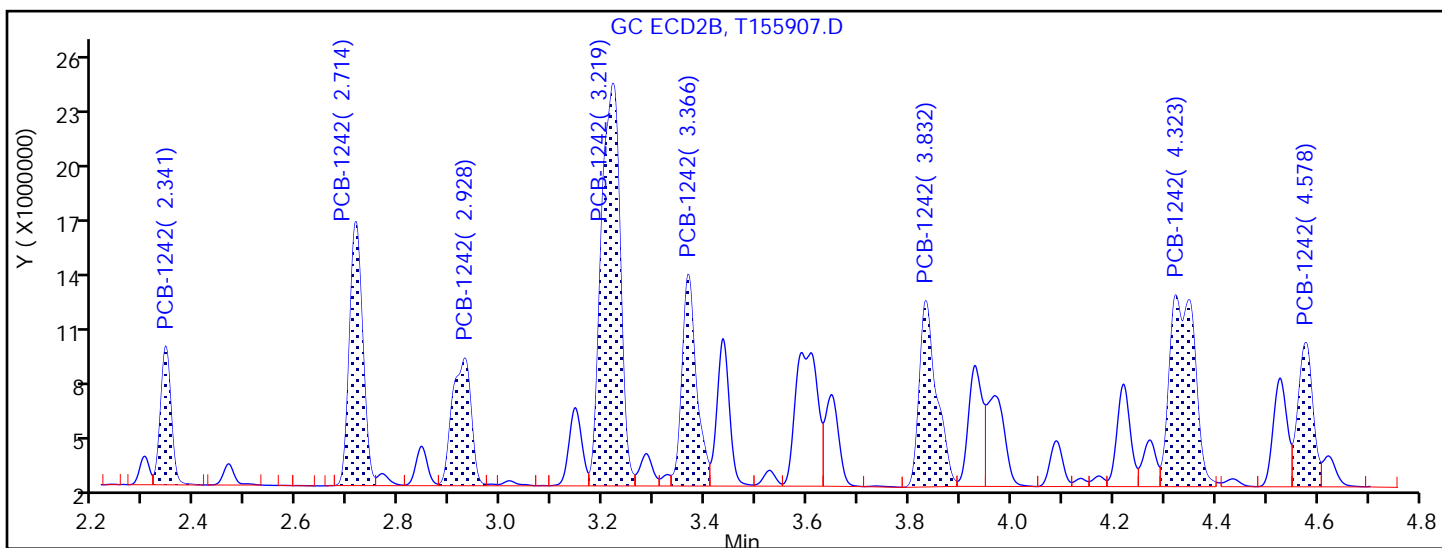
Detector: GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.341	Response = 10752605
2.714	Response = 25597070
2.928	Response = 17529545
3.219	Response = 56029170
3.366	Response = 22386325
3.832	Response = 23569561
4.323	Response = 17442312
4.578	Response = 15779766



Manual Integration Results

2.341	Response = 10752605
2.714	Response = 25597070
2.928	Response = 17529545
3.219	Response = 56029170
3.366	Response = 22386325
3.832	Response = 23569561

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D

Injection Date: 28-Feb-2019 11:30:56

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-33-A

Lab Sample ID: 460-176080-33

Client ID: PRA-B7-WT@8-8.5

Operator ID:

ALS Bottle#: 77 Worklist Smp#: 37

Injection Vol: 1.0 ul

Dil. Factor: 50.0000

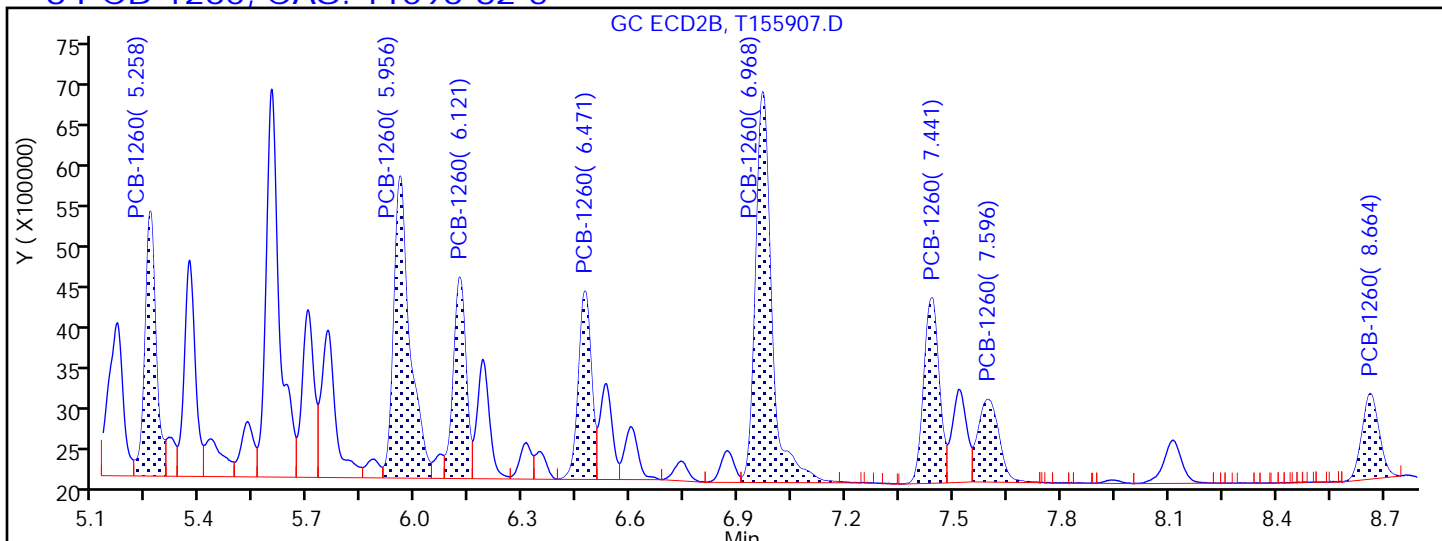
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

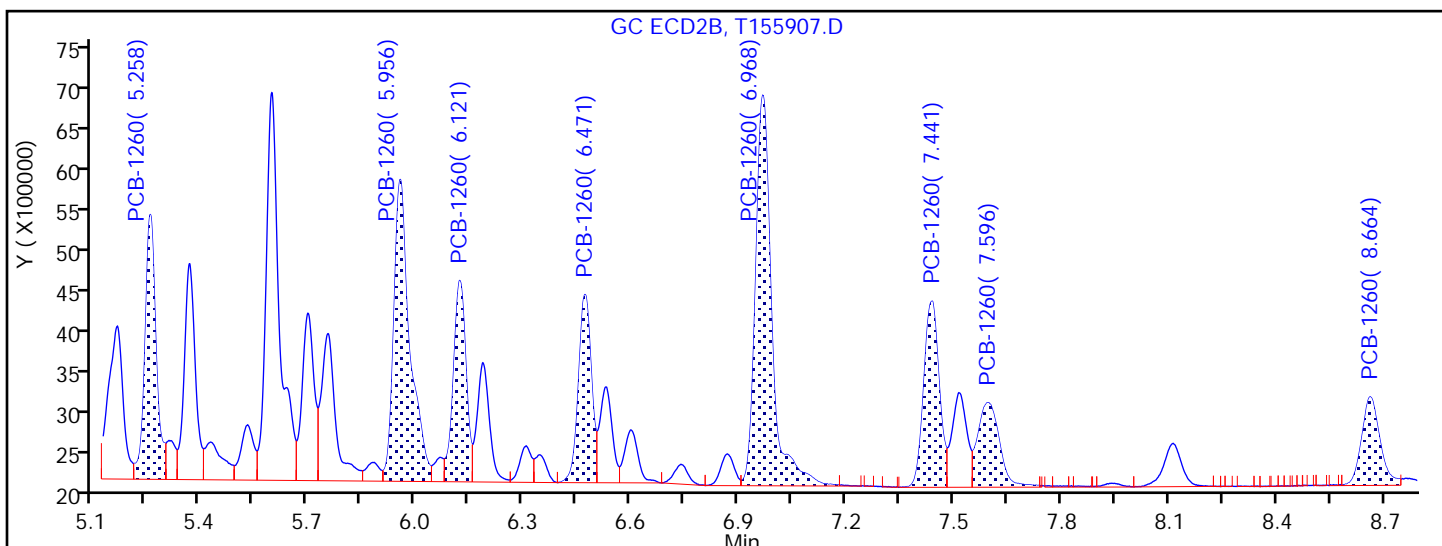
Detector: GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.258	Response = 7007475
5.956	Response = 11492951
6.121	Response = 6036288
6.471	Response = 5768693
6.968	Response = 14995756
7.441	Response = 6749948
7.596	Response = 4105601
8.664	Response = 3466023



Manual Integration Results

5.258	Response = 7007475
5.956	Response = 11492951
6.121	Response = 6036288
6.471	Response = 5768693
6.968	Response = 14995756
7.441	Response = 6802120

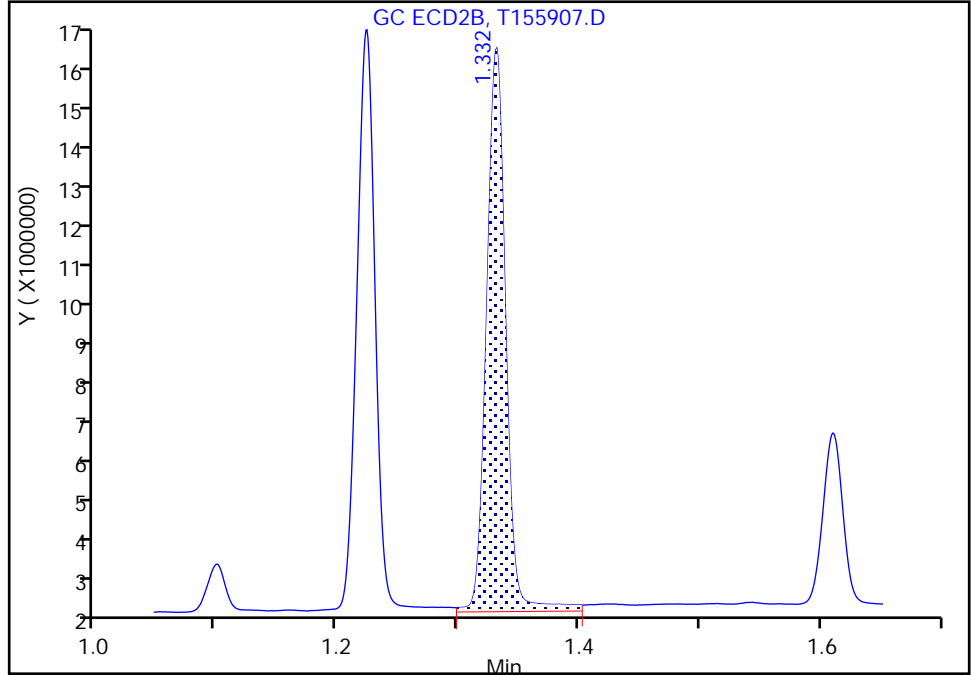
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155907.D  
Injection Date: 28-Feb-2019 11:30:56 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-33-A Lab Sample ID: 460-176080-33  
Client ID: PRA-B7-WT@8-8.5  
Operator ID: ALS Bottle#: 77 Worklist Smp#: 37  
Injection Vol: 1.0 ul Dil. Factor: 50.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

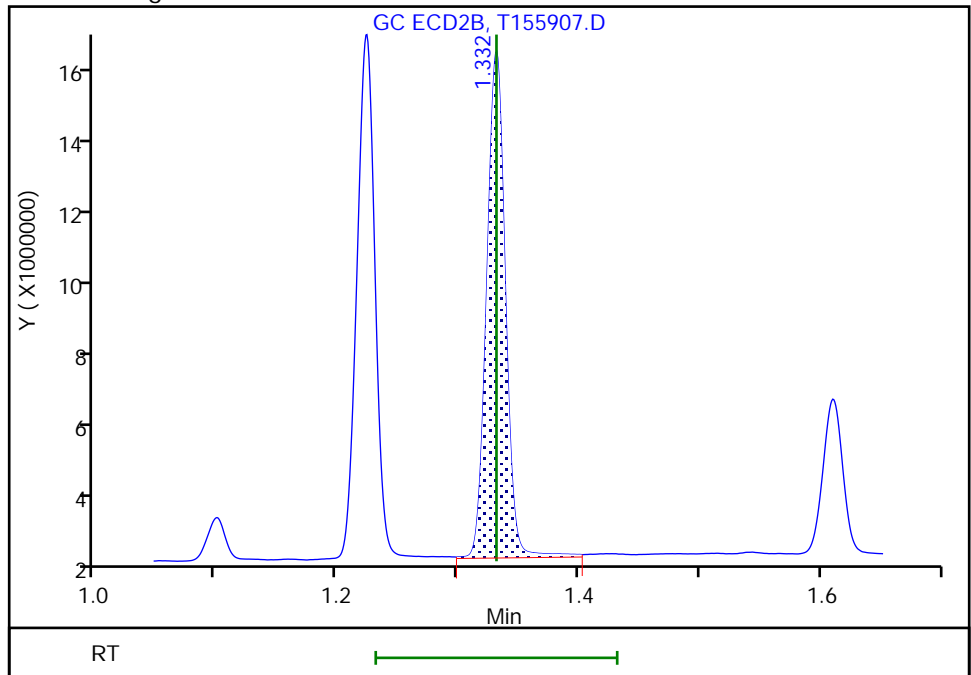
RT: 1.33  
Area: 15241308  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.33  
Area: 14777624  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 13:03:06  
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-SI@10.5-11 Lab Sample ID: 460-176080-34  
 Matrix: Solid Lab File ID: 9F003684.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:52  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 05:57  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 18.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003684.D  
 Lims ID: 460-176080-A-34-A  
 Client ID: PRA-B7-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:57:57 ALS Bottle#: 65 Worklist Smp#: 17  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-017  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:21:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene						M
1	1.356	1.353	0.003	1527581	20.0	M
2	1.346	1.342	0.004	3585651	20.0	M
RPD = 0.00						
\$ 11 DCB Decachlorobiphenyl						M
1	10.513	10.505	0.008	5428636	68.8	M
2	9.672	9.667	0.005	11598511	81.1	M
RPD = 16.42						

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003684.D

Injection Date: 28-Feb-2019 05:57:57

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-34-A

Lab Sample ID: 460-176080-34

Worklist Smp#: 17

Client ID: PRA-B7-SI@10.5-11

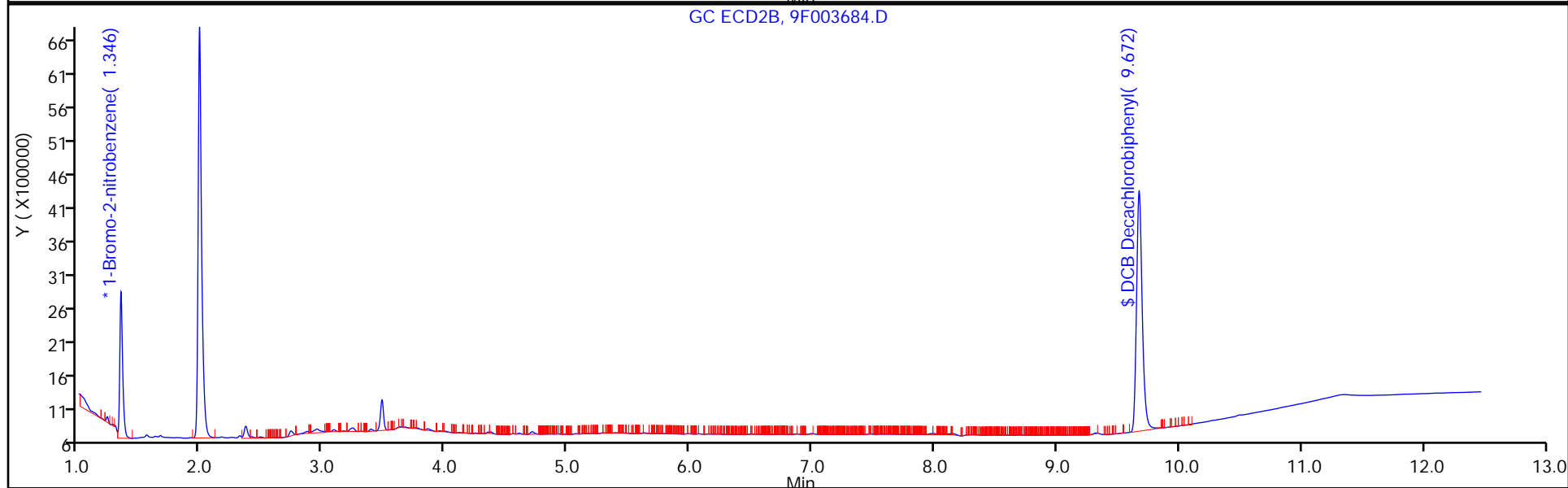
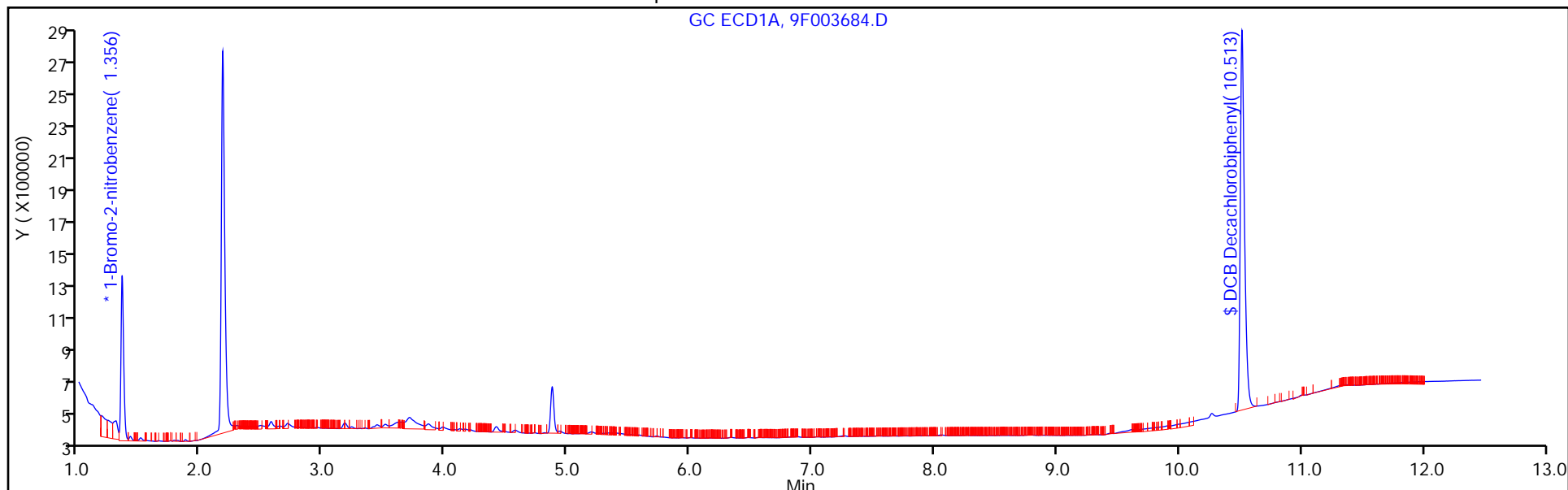
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 65

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

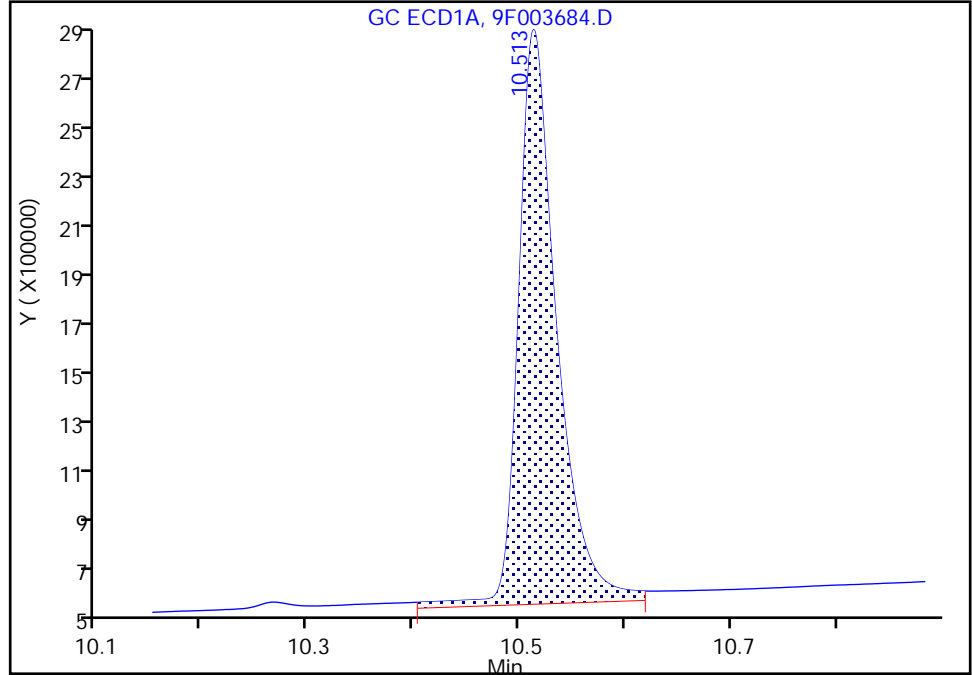
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003684.D  
Injection Date: 28-Feb-2019 05:57:57 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-34-A Lab Sample ID: 460-176080-34  
Client ID: PRA-B7-SI@10.5-11  
Operator ID: ALS Bottle#: 65 Worklist Smp#: 17  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 1

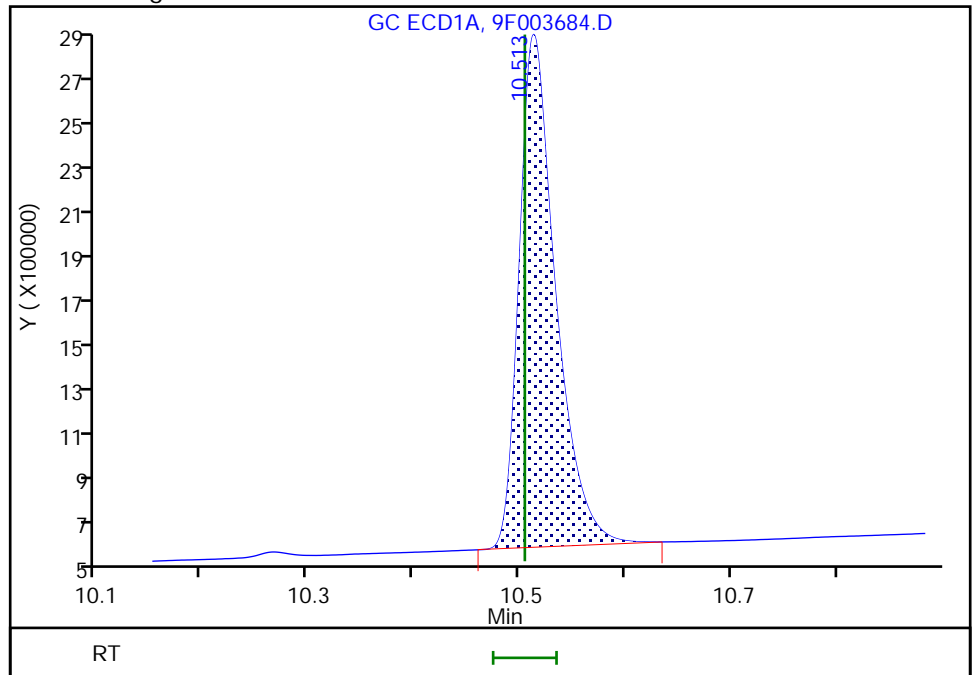
RT: 10.51  
Area: 5804513  
Amount: 73.555361  
Amount Units: ug/l

Processing Integration Results



RT: 10.51  
Area: 5428636  
Amount: 68.792211  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 11:56:28  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

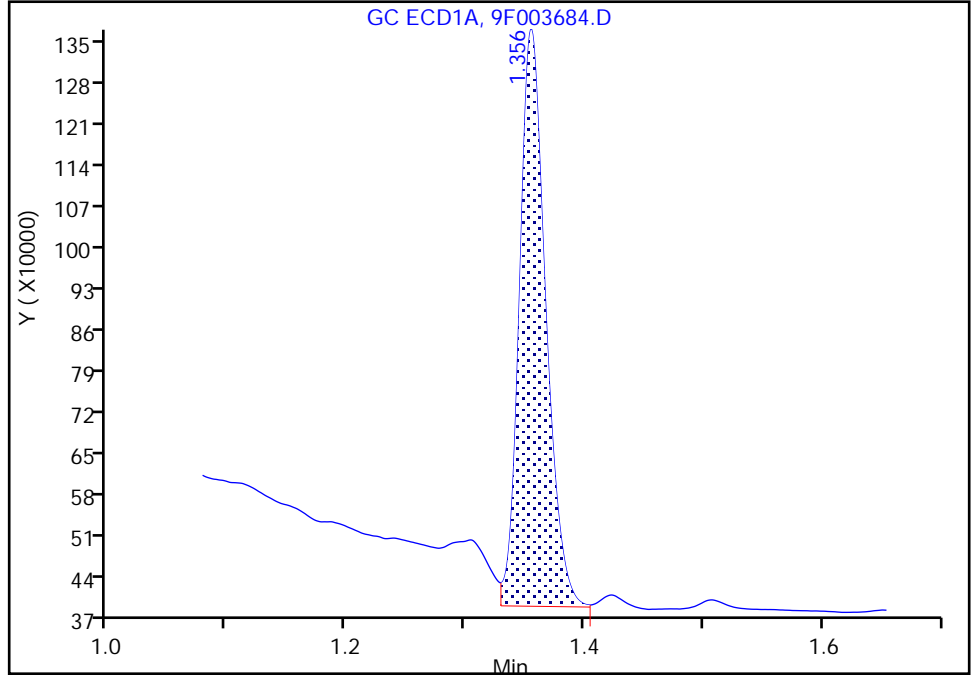
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003684.D  
Injection Date: 28-Feb-2019 05:57:57 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-34-A Lab Sample ID: 460-176080-34  
Client ID: PRA-B7-SI@10.5-11  
Operator ID: ALS Bottle#: 65 Worklist Smp#: 17  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

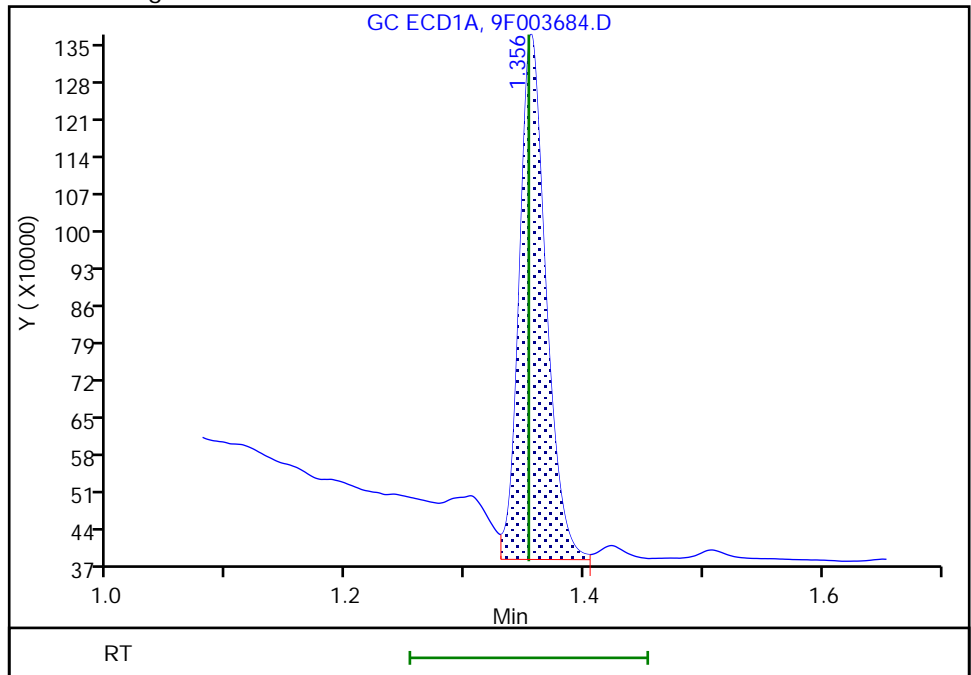
RT: 1.36  
Area: 1496904  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.36  
Area: 1527581  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 08:15:09  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-SI@10.5-11 Lab Sample ID: 460-176080-34  
 Matrix: Solid Lab File ID: 9F003684.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:52  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 05:57  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 18.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	82	11
11104-28-2	Aroclor 1221	11	U	82	11
11141-16-5	Aroclor 1232	11	U	82	11
53469-21-9	Aroclor 1242	11	U	82	11
12672-29-6	Aroclor 1248	11	U	82	11
11097-69-1	Aroclor 1254	11	U	82	11
11096-82-5	Aroclor 1260	11	U	82	11
37324-23-5	Aroclor 1262	11	U	82	11
11100-14-4	Aroclor 1268	11	U	82	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	162	X	53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003684.D  
 Lims ID: 460-176080-A-34-A  
 Client ID: PRA-B7-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 05:57:57 ALS Bottle#: 65 Worklist Smp#: 17  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-017  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:21:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						M
1	1.356	1.353	0.003	1527581	20.0	M
2	1.346	1.342	0.004	3585651	20.0	M
RPD = 0.00						
\$ 11 DCB Decachlorobiphenyl						M
1	10.513	10.505	0.008	5428636	68.8	M
2	9.672	9.667	0.005	11598511	81.1	M
RPD = 16.42						

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003684.D

Injection Date: 28-Feb-2019 05:57:57

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-34-A

Lab Sample ID: 460-176080-34

Worklist Smp#: 17

Client ID: PRA-B7-SI@10.5-11

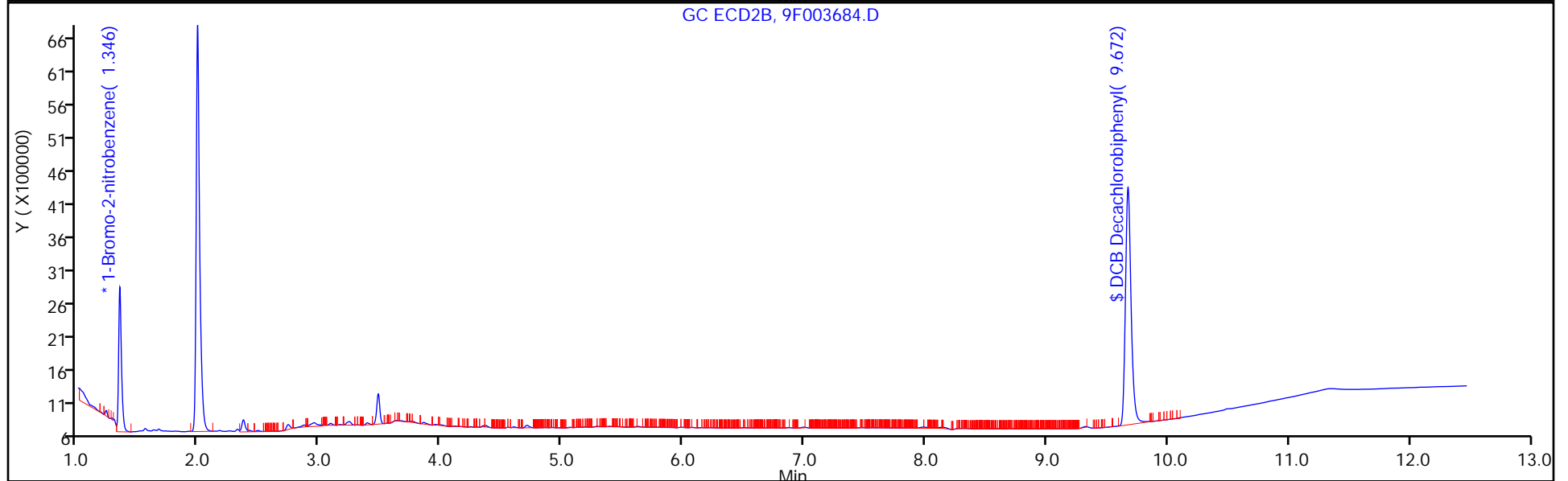
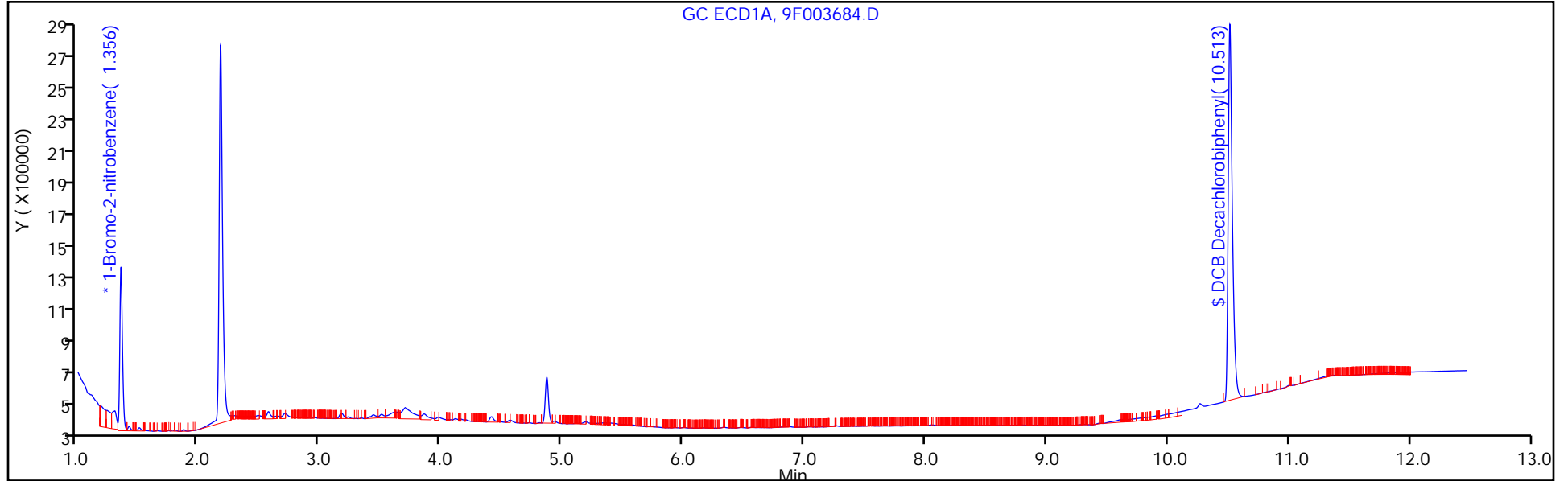
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 65

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD





TestAmerica Edison

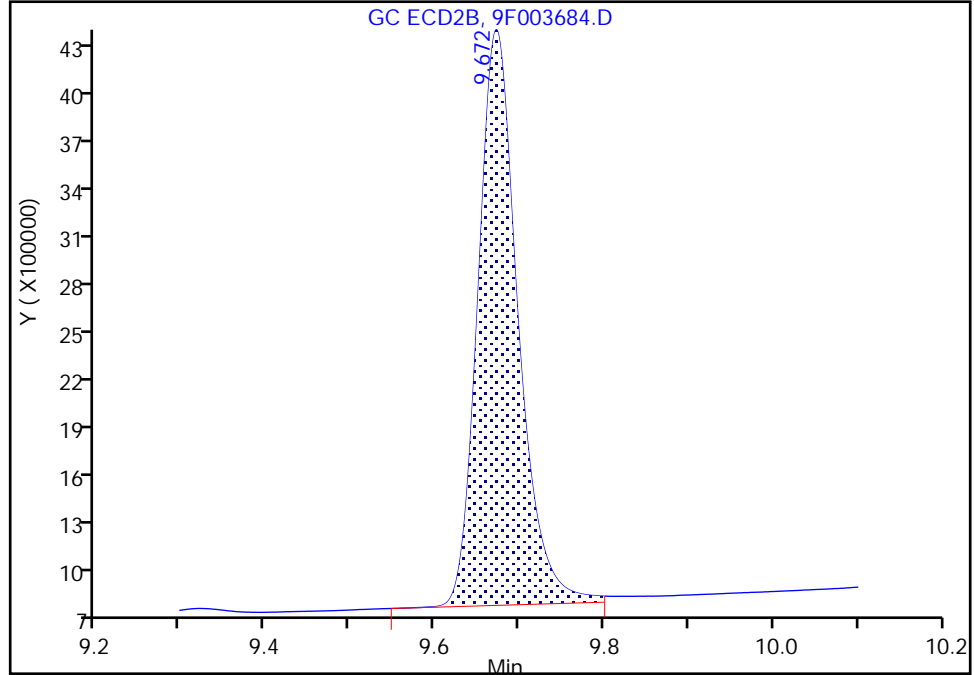
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003684.D  
Injection Date: 28-Feb-2019 05:57:57 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-34-A Lab Sample ID: 460-176080-34  
Client ID: PRA-B7-SI@10.5-11  
Operator ID: ALS Bottle#: 65 Worklist Smp#: 17  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 2

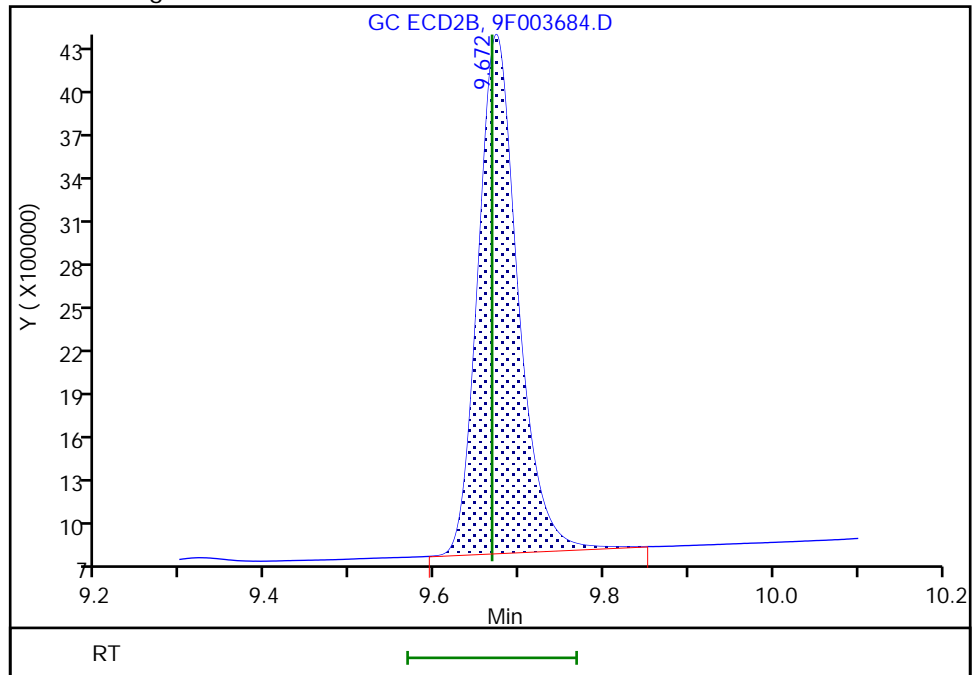
RT: 9.67  
Area: 11703625  
Amount: 77.940275  
Amount Units: ug/l

Processing Integration Results



RT: 9.67  
Area: 11598511  
Amount: 81.096346  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 11:56:32  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

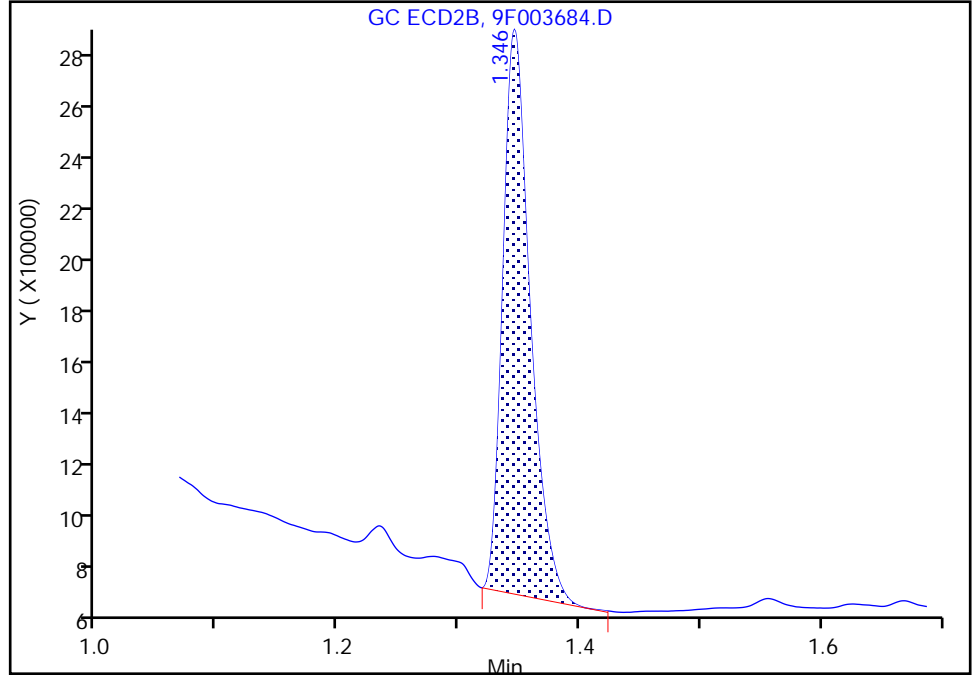
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003684.D  
Injection Date: 28-Feb-2019 05:57:57 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-34-A Lab Sample ID: 460-176080-34  
Client ID: PRA-B7-SI@10.5-11  
Operator ID: ALS Bottle#: 65 Worklist Smp#: 17  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

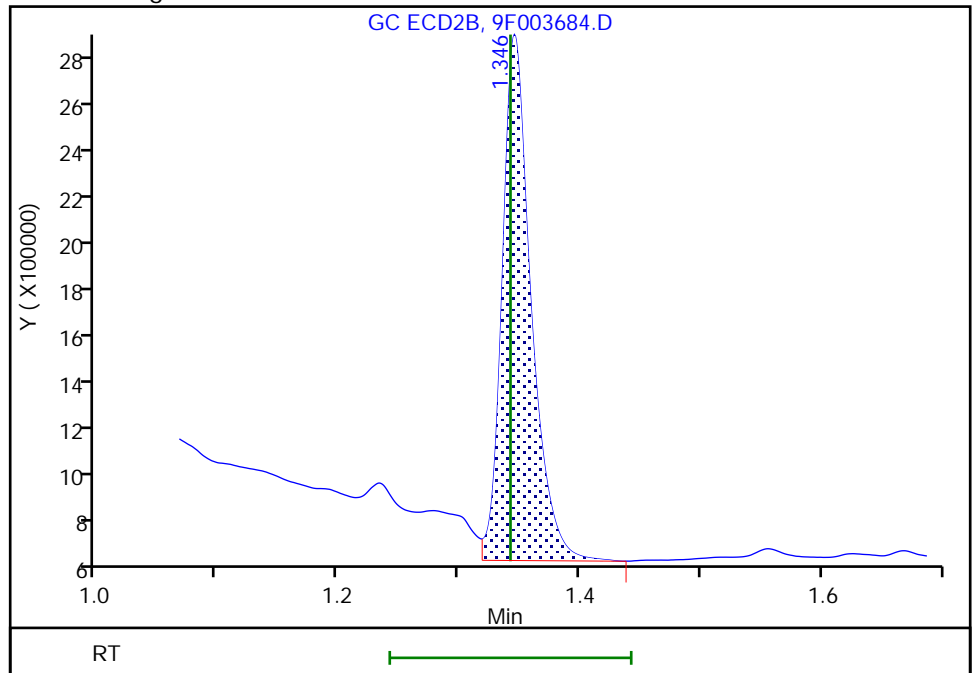
RT: 1.35  
Area: 3310874  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 3585651  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 11:56:23  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-SD@19.5-20 Lab Sample ID: 460-176080-35  
 Matrix: Solid Lab File ID: 9F003685.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:55  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 06:14  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 14.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003685.D  
 Lims ID: 460-176080-A-35-A  
 Client ID: PRA-B7-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:14:50 ALS Bottle#: 66 Worklist Smp#: 18  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-018  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:21:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1673209 20.0  
 2 1.345 1.342 0.003 4263218 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.515 10.505 0.010 5473813 63.3  
 2 9.673 9.667 0.006 10646206 62.6  
 RPD = 1.14

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003685.D

Injection Date: 28-Feb-2019 06:14:50

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-35-A

Lab Sample ID: 460-176080-35

Worklist Smp#: 18

Client ID: PRA-B7-SD@19.5-20

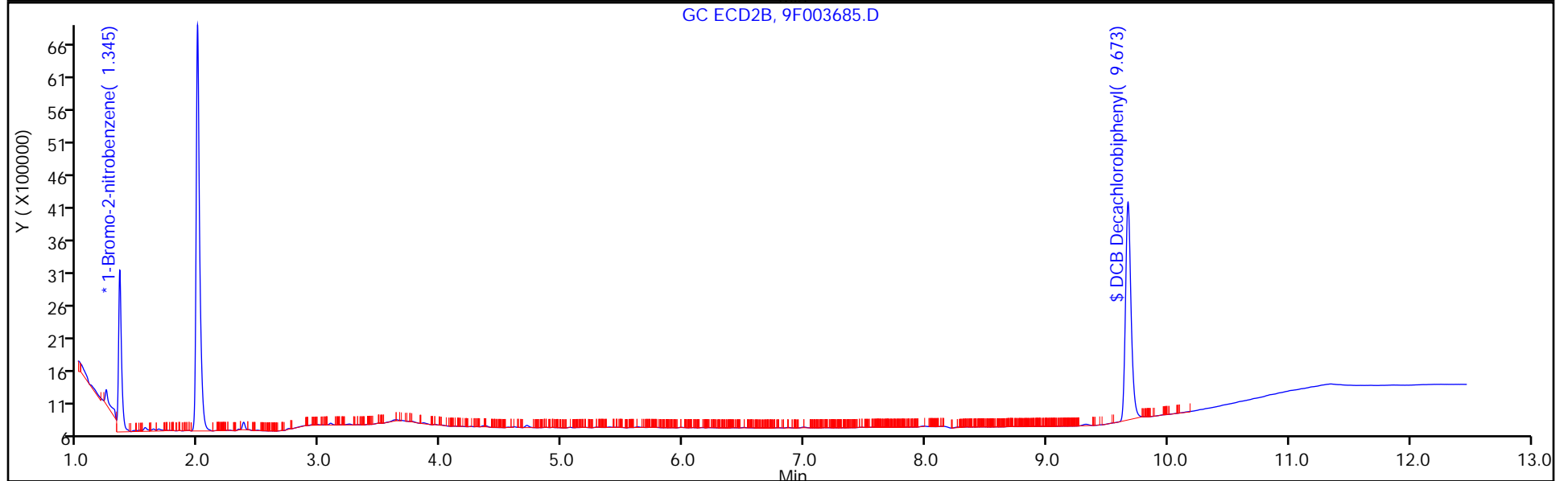
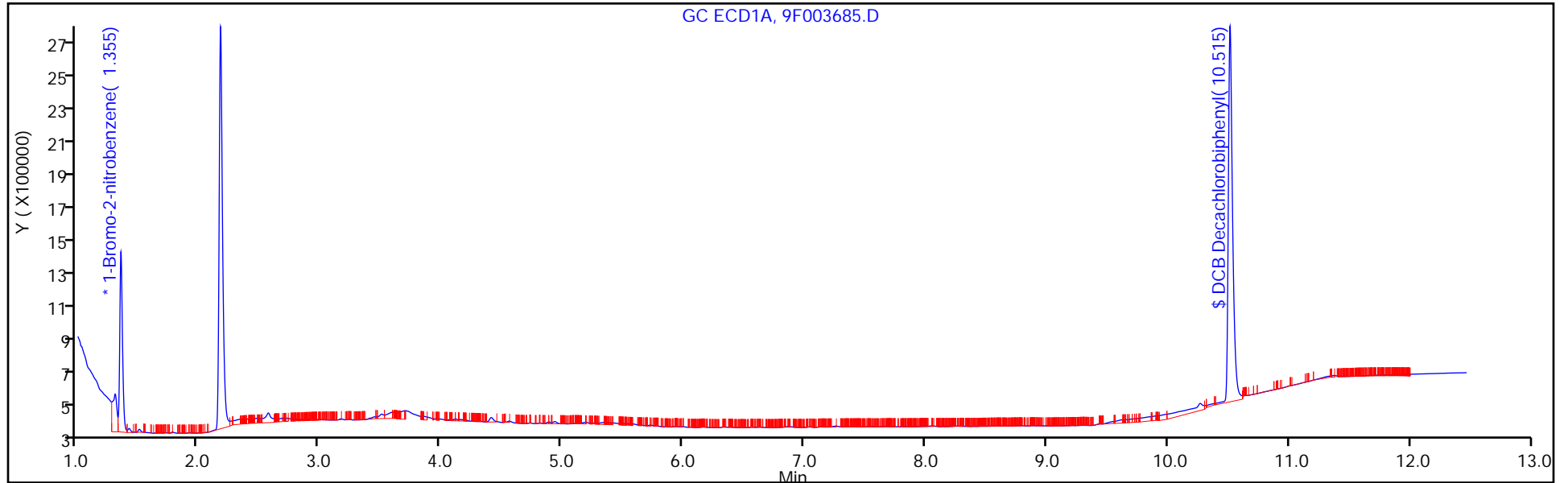
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 66

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B7-SD@19.5-20 Lab Sample ID: 460-176080-35  
 Matrix: Solid Lab File ID: 9F003685.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 12:55  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 06:14  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 14.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	78	10
11104-28-2	Aroclor 1221	10	U	78	10
11141-16-5	Aroclor 1232	10	U	78	10
53469-21-9	Aroclor 1242	10	U	78	10
12672-29-6	Aroclor 1248	10	U	78	10
11097-69-1	Aroclor 1254	11	U	78	11
11096-82-5	Aroclor 1260	11	U	78	11
37324-23-5	Aroclor 1262	11	U	78	11
11100-14-4	Aroclor 1268	11	U	78	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003685.D  
 Lims ID: 460-176080-A-35-A  
 Client ID: PRA-B7-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:14:50 ALS Bottle#: 66 Worklist Smp#: 18  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-018  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:21:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1673209 20.0  
 2 1.345 1.342 0.003 4263218 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.515 10.505 0.010 5473813 63.3  
 2 9.673 9.667 0.006 10646206 62.6  
 RPD = 1.14

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003685.D

Injection Date: 28-Feb-2019 06:14:50

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-35-A

Lab Sample ID: 460-176080-35

Worklist Smp#: 18

Client ID: PRA-B7-SD@19.5-20

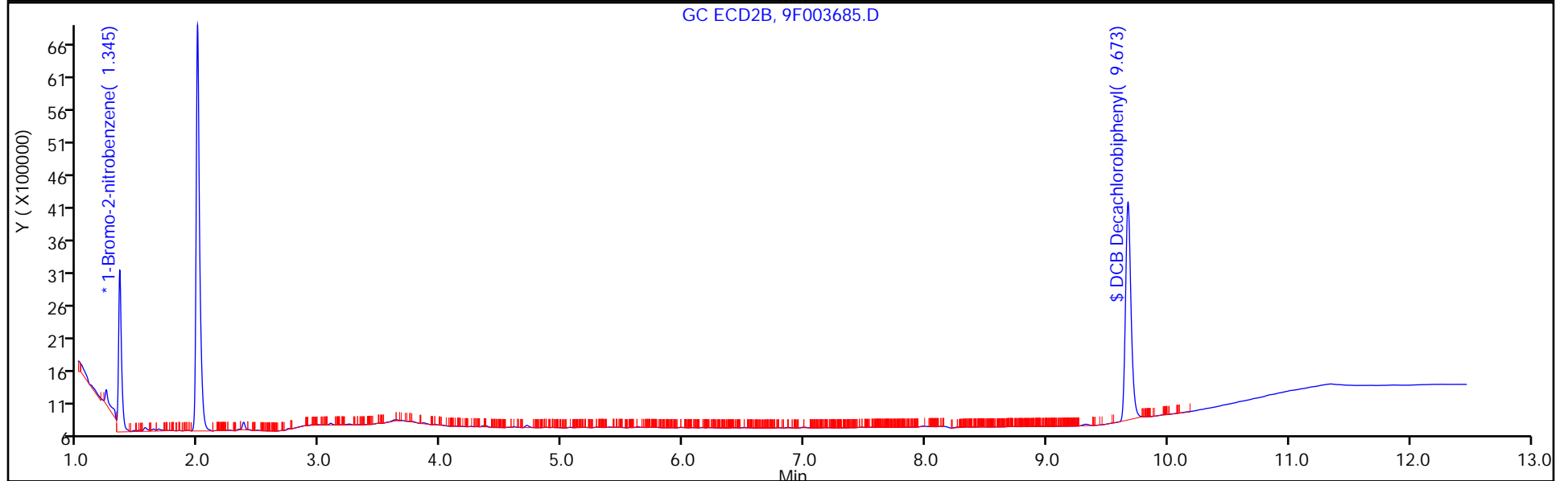
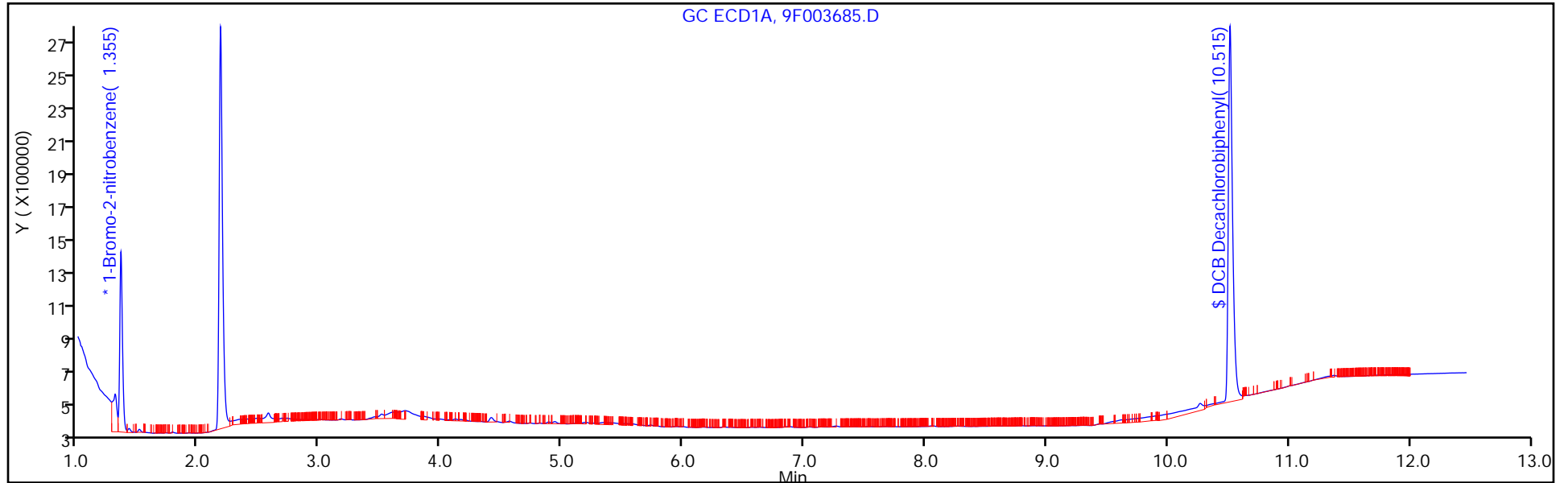
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 66

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD





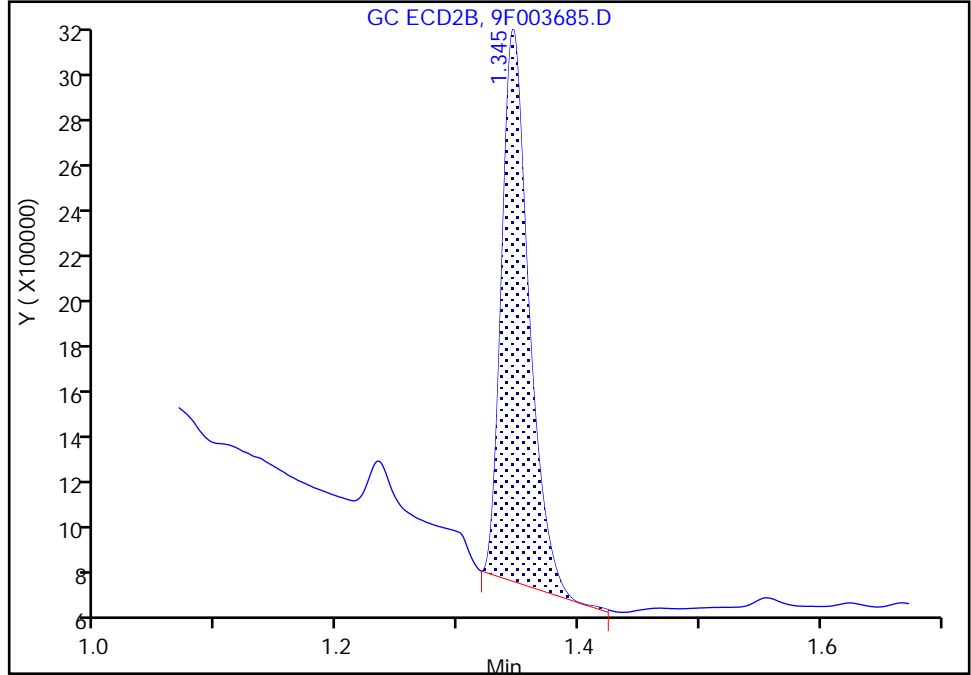
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003685.D  
Injection Date: 28-Feb-2019 06:14:50 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-35-A Lab Sample ID: 460-176080-35  
Client ID: PRA-B7-SD@19.5-20  
Operator ID: ALS Bottle#: 66 Worklist Smp#: 18  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

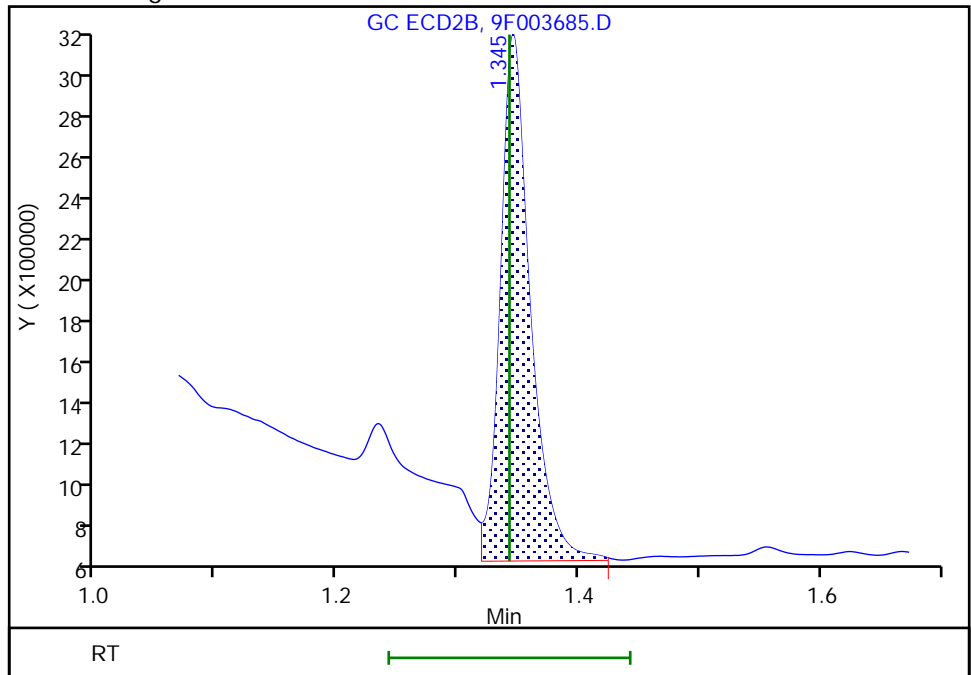
RT: 1.35  
Area: 3689533  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 4263218  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 08:21:41  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-VS@1-1.5 Lab Sample ID: 460-176080-36  
 Matrix: Solid Lab File ID: 9F003686.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:42  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 06:31  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 17.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003686.D  
 Lims ID: 460-176080-A-36-A  
 Client ID: PRA-B8-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:31:42 ALS Bottle#: 67 Worklist Smp#: 19  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-019  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:22:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1582550 20.0  
 2 1.346 1.342 0.004 4070500 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.513 10.505 0.008 5518144 67.5  
 2 9.673 9.667 0.006 10588161 65.2  
 RPD = 3.44

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003686.D

Injection Date: 28-Feb-2019 06:31:42

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-36-A

Lab Sample ID: 460-176080-36

Worklist Smp#: 19

Client ID: PRA-B8-VS@1-1.5

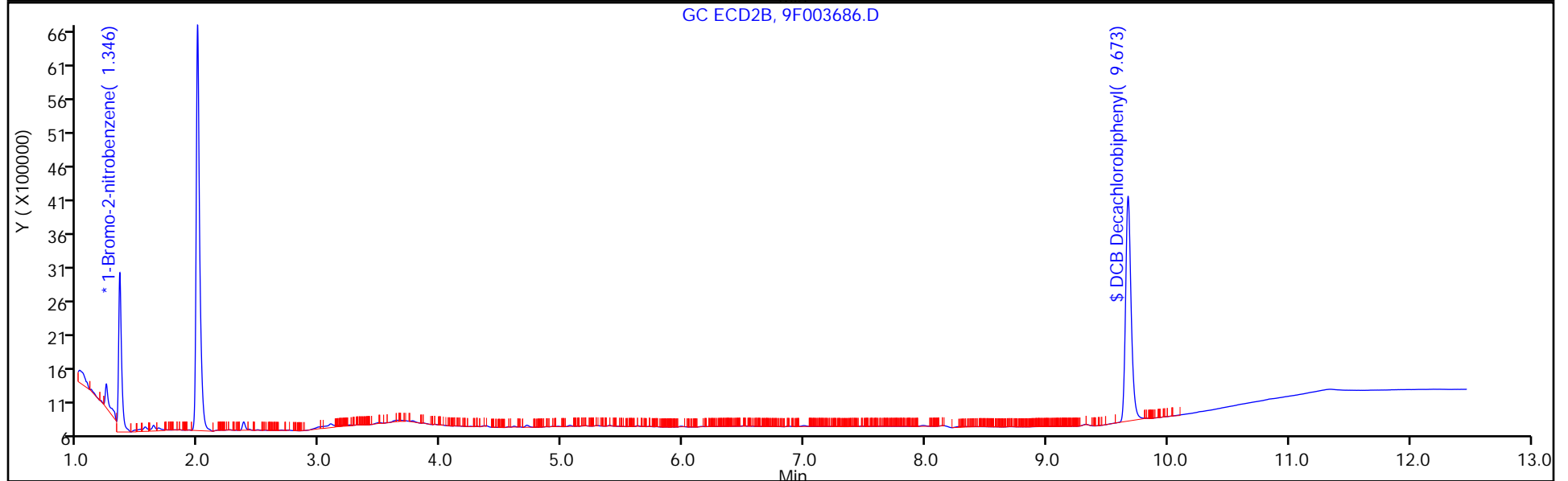
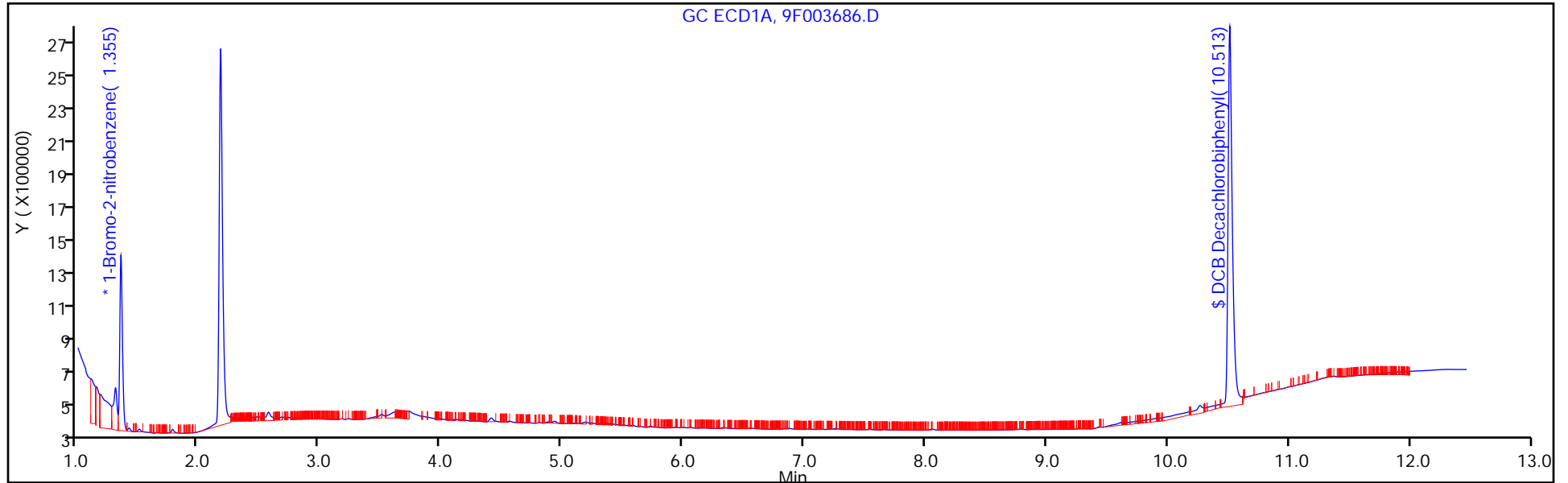
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 67

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-VS@1-1.5 Lab Sample ID: 460-176080-36  
 Matrix: Solid Lab File ID: 9F003686.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:42  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 06:31  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 17.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	81	11
11104-28-2	Aroclor 1221	11	U	81	11
11141-16-5	Aroclor 1232	11	U	81	11
53469-21-9	Aroclor 1242	11	U	81	11
12672-29-6	Aroclor 1248	11	U	81	11
11097-69-1	Aroclor 1254	11	U	81	11
11096-82-5	Aroclor 1260	11	U	81	11
37324-23-5	Aroclor 1262	11	U	81	11
11100-14-4	Aroclor 1268	11	U	81	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003686.D  
 Lims ID: 460-176080-A-36-A  
 Client ID: PRA-B8-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:31:42 ALS Bottle#: 67 Worklist Smp#: 19  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-019  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:22:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1582550 20.0  
 2 1.346 1.342 0.004 4070500 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.513 10.505 0.008 5518144 67.5  
 2 9.673 9.667 0.006 10588161 65.2  
 RPD = 3.44

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003686.D

Injection Date: 28-Feb-2019 06:31:42

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-36-A

Lab Sample ID: 460-176080-36

Worklist Smp#: 19

Client ID: PRA-B8-VS@1-1.5

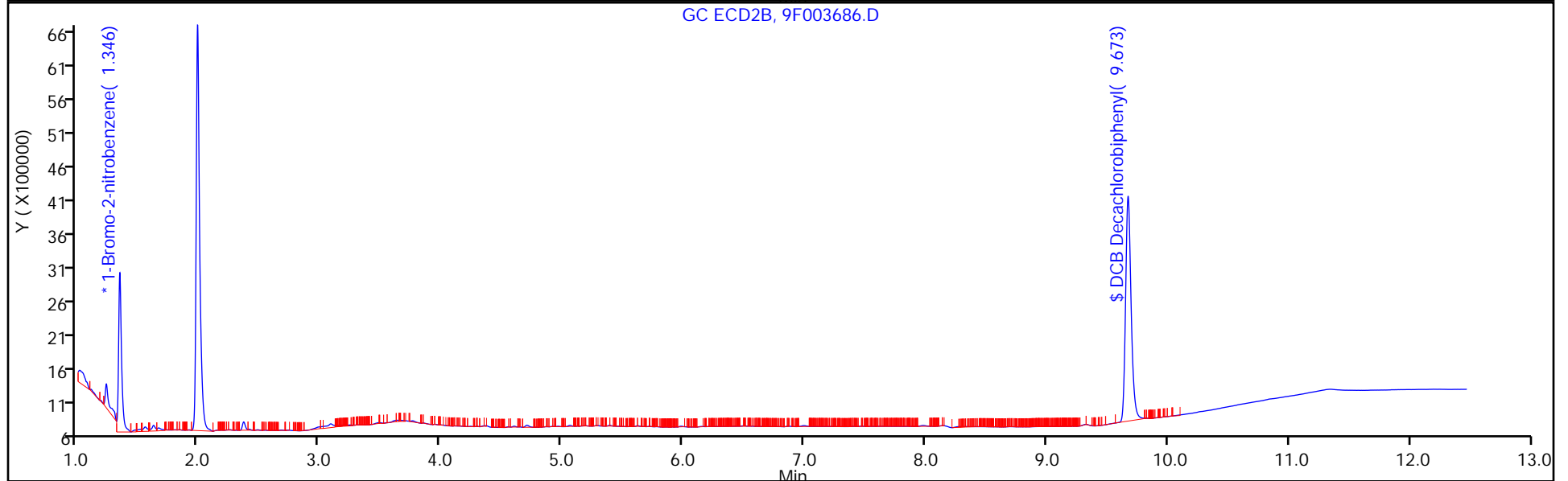
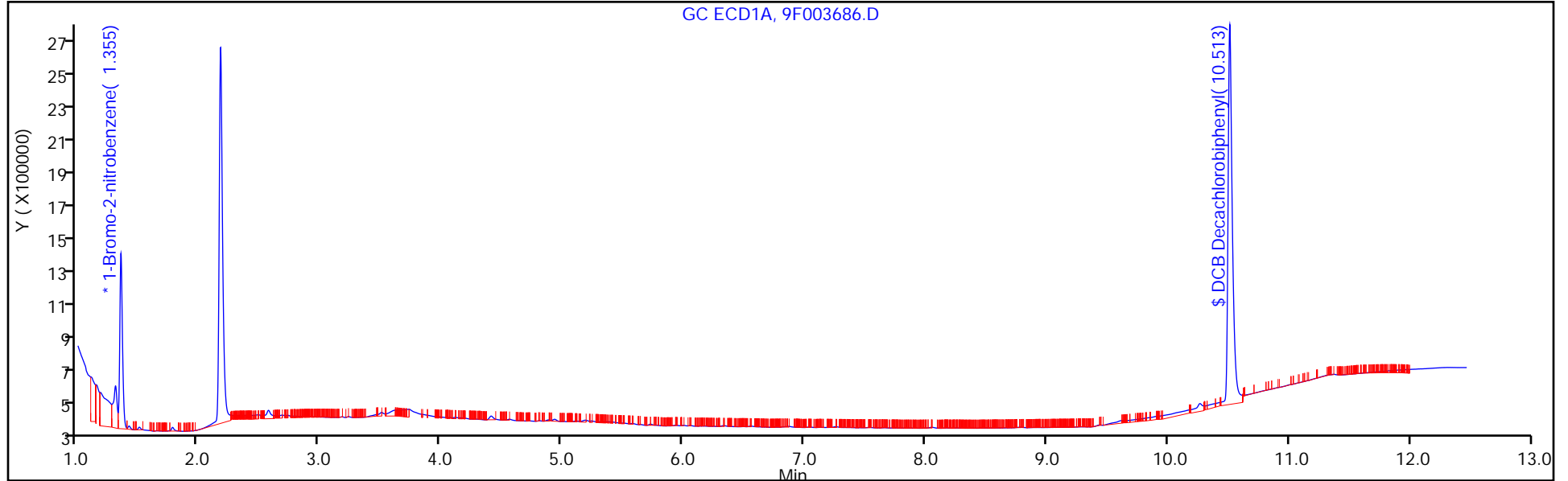
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 67

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



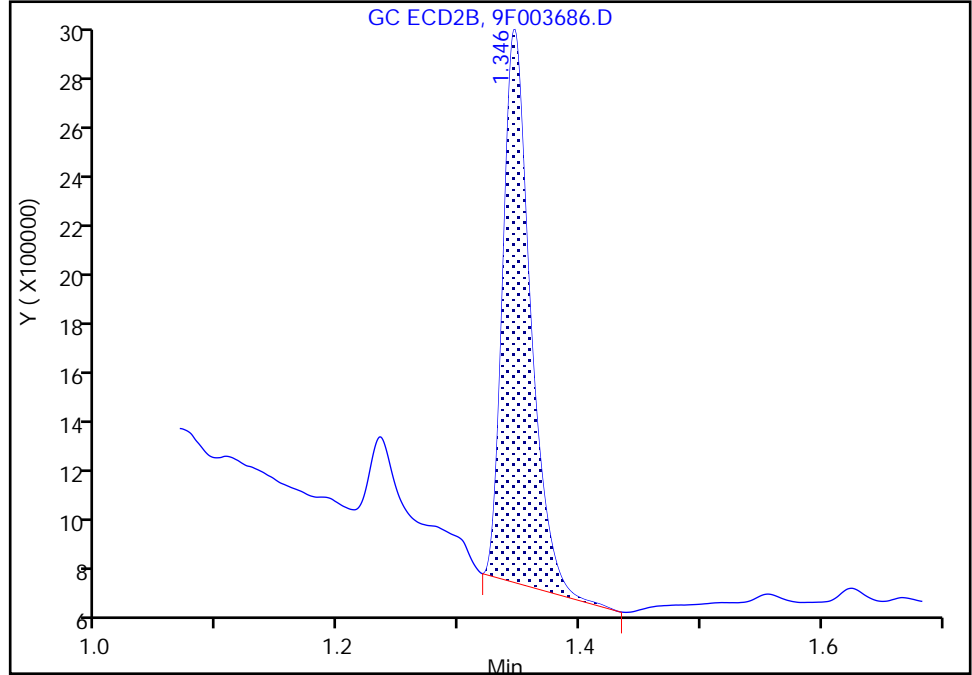
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003686.D  
Injection Date: 28-Feb-2019 06:31:42 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-36-A Lab Sample ID: 460-176080-36  
Client ID: PRA-B8-VS@1-1.5  
Operator ID: ALS Bottle#: 67 Worklist Smp#: 19  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

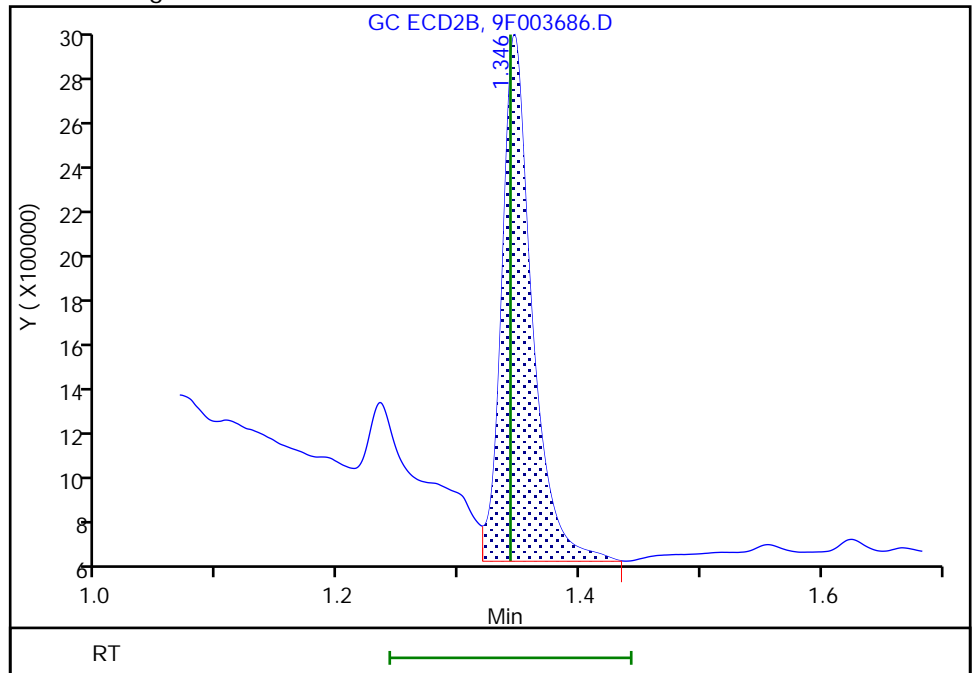
RT: 1.35  
Area: 3528526  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 4070500  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 08:22:48  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-VD@3-3.5 Lab Sample ID: 460-176080-37  
 Matrix: Solid Lab File ID: 9F003687.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:45  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 06:48  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 7.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003687.D  
 Lims ID: 460-176080-A-37-A  
 Client ID: PRA-B8-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:48:34 ALS Bottle#: 68 Worklist Smp#: 20  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-020  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:24:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1574697 20.0  
 2 1.345 1.342 0.003 4294044 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.510 10.505 0.005 5495723 67.6  
 2 9.673 9.667 0.006 10536229 61.5  
 RPD = 9.36

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003687.D

Injection Date: 28-Feb-2019 06:48:34

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-37-A

Lab Sample ID: 460-176080-37

Worklist Smp#: 20

Client ID: PRA-B8-VD@3-3.5

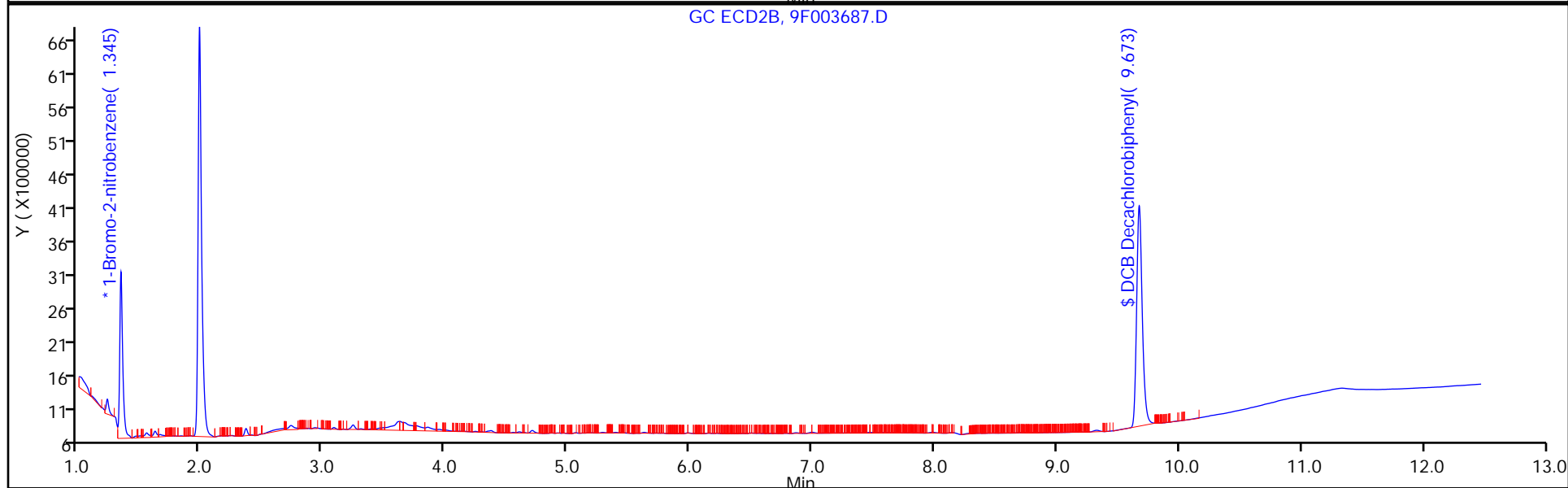
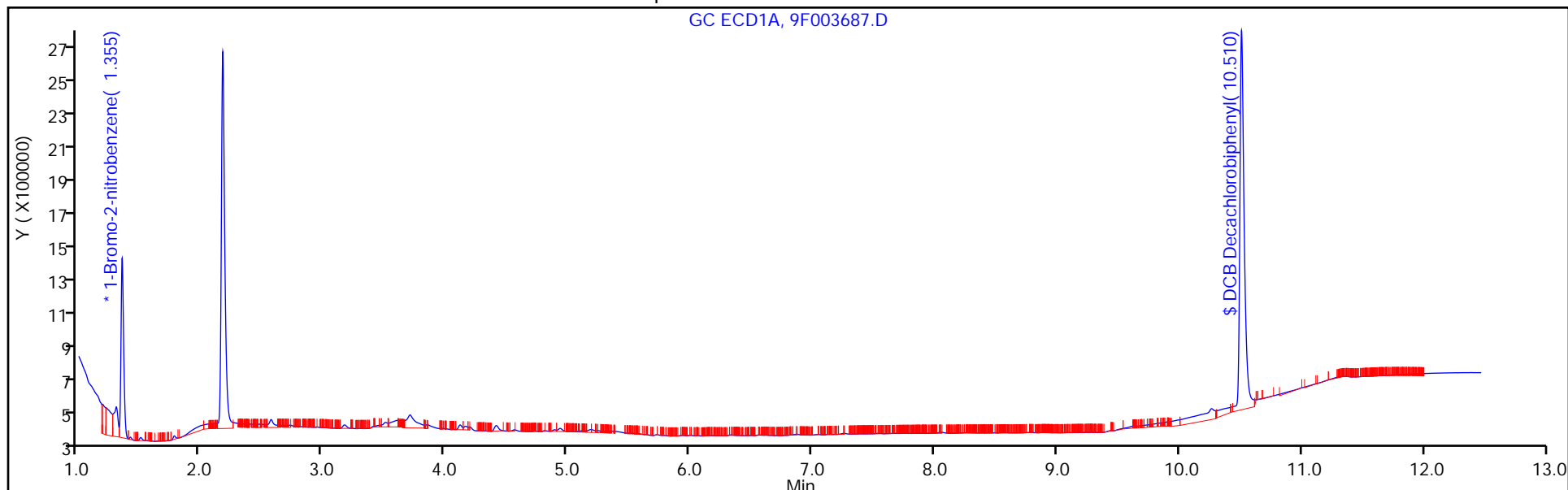
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 68

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-VD@3-3.5 Lab Sample ID: 460-176080-37  
 Matrix: Solid Lab File ID: 9F003687.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:45  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 06:48  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 7.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.6	U	73	9.6
11104-28-2	Aroclor 1221	9.6	U	73	9.6
11141-16-5	Aroclor 1232	9.6	U	73	9.6
53469-21-9	Aroclor 1242	9.6	U	73	9.6
12672-29-6	Aroclor 1248	9.6	U	73	9.6
11097-69-1	Aroclor 1254	10	U	73	10
11096-82-5	Aroclor 1260	10	U	73	10
37324-23-5	Aroclor 1262	10	U	73	10
11100-14-4	Aroclor 1268	10	U	73	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003687.D  
 Lims ID: 460-176080-A-37-A  
 Client ID: PRA-B8-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 06:48:34 ALS Bottle#: 68 Worklist Smp#: 20  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-020  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 08:24:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1574697 20.0  
 2 1.345 1.342 0.003 4294044 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.510 10.505 0.005 5495723 67.6  
 2 9.673 9.667 0.006 10536229 61.5  
 RPD = 9.36

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003687.D

Injection Date: 28-Feb-2019 06:48:34

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-37-A

Lab Sample ID: 460-176080-37

Worklist Smp#: 20

Client ID: PRA-B8-VD@3-3.5

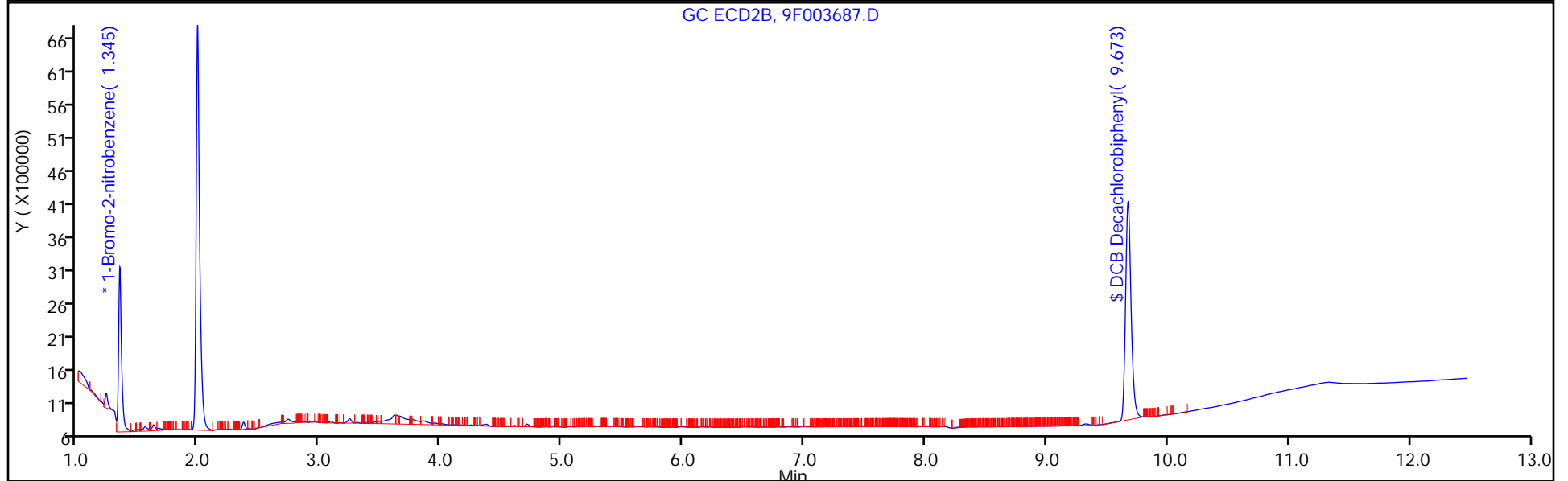
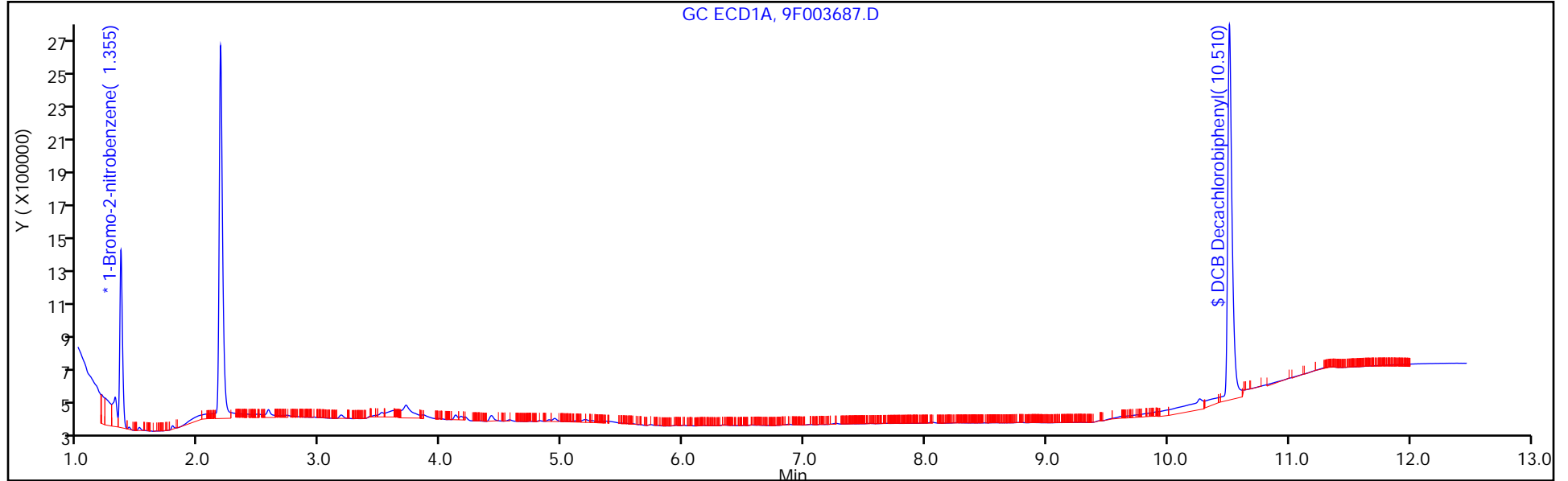
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 68

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



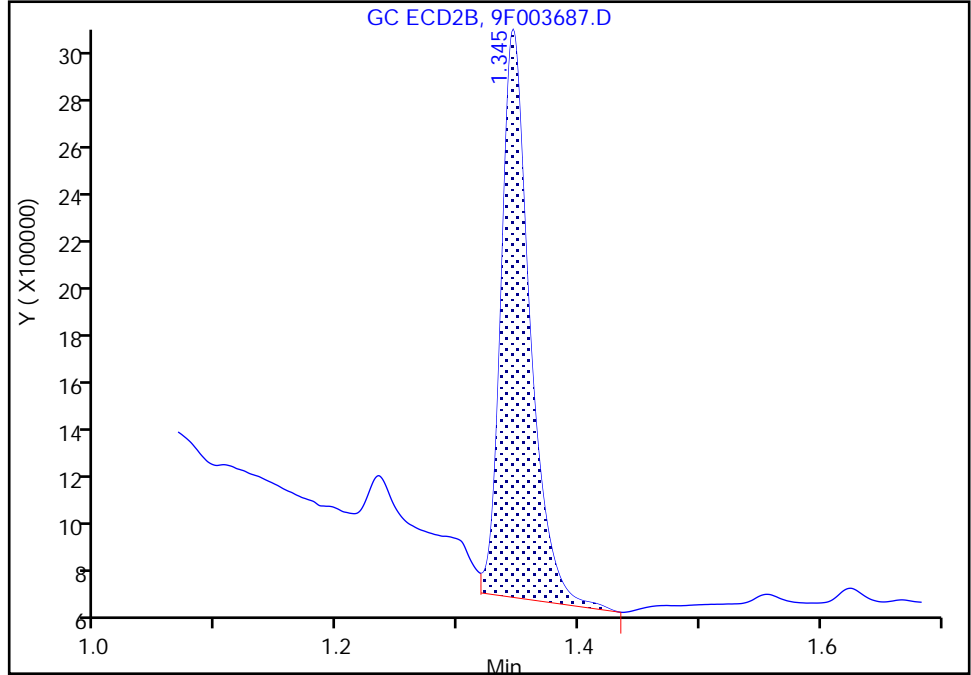
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003687.D  
Injection Date: 28-Feb-2019 06:48:34 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-37-A Lab Sample ID: 460-176080-37  
Client ID: PRA-B8-VD@3-3.5  
Operator ID: ALS Bottle#: 68 Worklist Smp#: 20  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

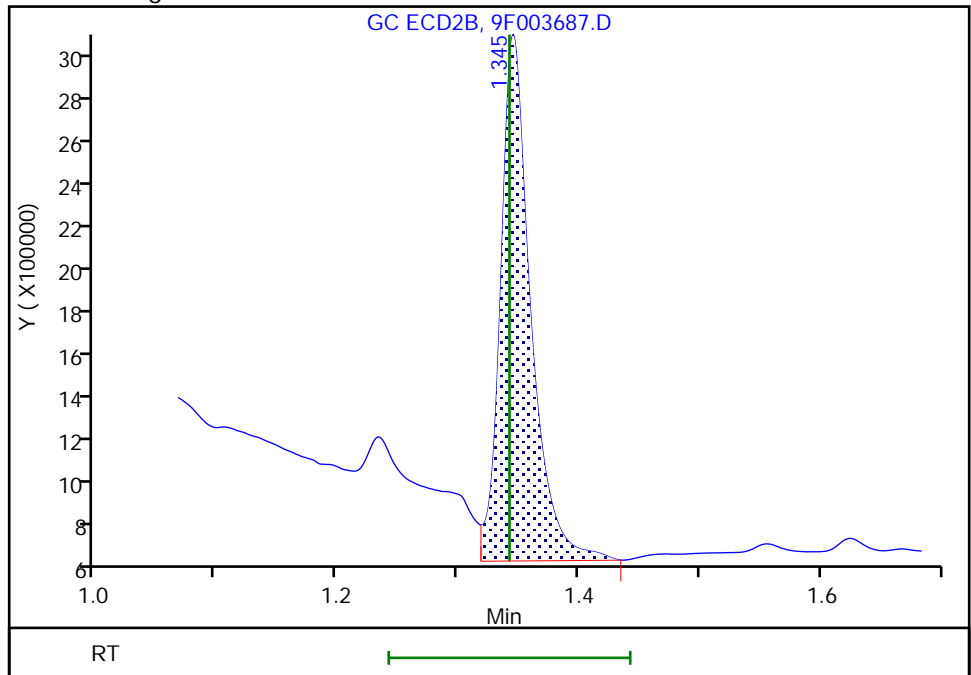
RT: 1.35  
Area: 3988623  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 4294044  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 08:24:35  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-WT@8-8.5 Lab Sample ID: 460-176080-38  
 Matrix: Solid Lab File ID: T155908.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:47  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 11:48  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 50  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	59000		4000	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D  
 Lims ID: 460-176080-A-38-A  
 Client ID: PRA-B8-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 11:48:06 ALS Bottle#: 78 Worklist Smp#: 38  
 Injection Vol: 1.0 ul Dil. Factor: 50.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 11:42:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						M
1	1.184	1.183	0.001	15183824	20.0	M
2	1.334	1.334	0.000	14596909	20.0	
RPD = 0.00						
4 PCB-1242						M
1	2.355	2.353	0.002	16533465	1448.5	
1	2.779	2.777	0.002	36185027	1521.8	M
1	3.278	3.277	0.001	82981711	1536.0	M
1	3.422	3.421	0.001	34081479	1611.0	M
1	3.531	3.528	0.003	26124415	1608.3	M
1	4.092	4.090	0.002	30072281	1479.9	M
1	4.412	4.411	0.001	25194764	1365.2	M
1	4.457	4.456	0.001	29422025	1433.2	M
Average of Peak Amounts =						1500.5
2	2.342	2.344	-0.002	15476103	1381.0	
2	2.716	2.716	0.000	32239422	1521.1	
2	2.928	2.929	-0.001	21673729	1517.1	
2	3.220	3.221	-0.001	71852791	1534.7	
2	3.367	3.368	-0.001	29624864	1546.4	
2	3.832	3.833	-0.001	29919608	1464.5	
2	4.349	4.323	0.026	45163992	1462.9	M
2	4.576	4.576	0.000	18183818	1531.7	
Average of Peak Amounts =						1494.9
RPD = 0.37						

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D

Injection Date: 28-Feb-2019 11:48:06

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-38-A

Lab Sample ID: 460-176080-38

Worklist Smp#: 38

Client ID: PRA-B8-WT@8-8.5

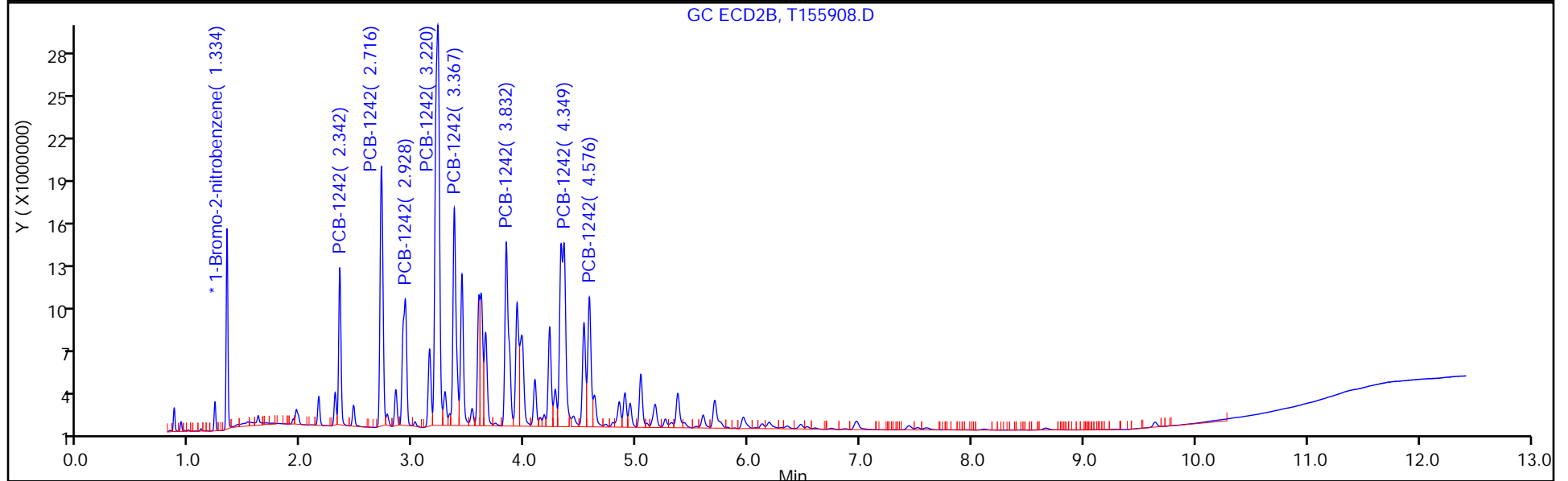
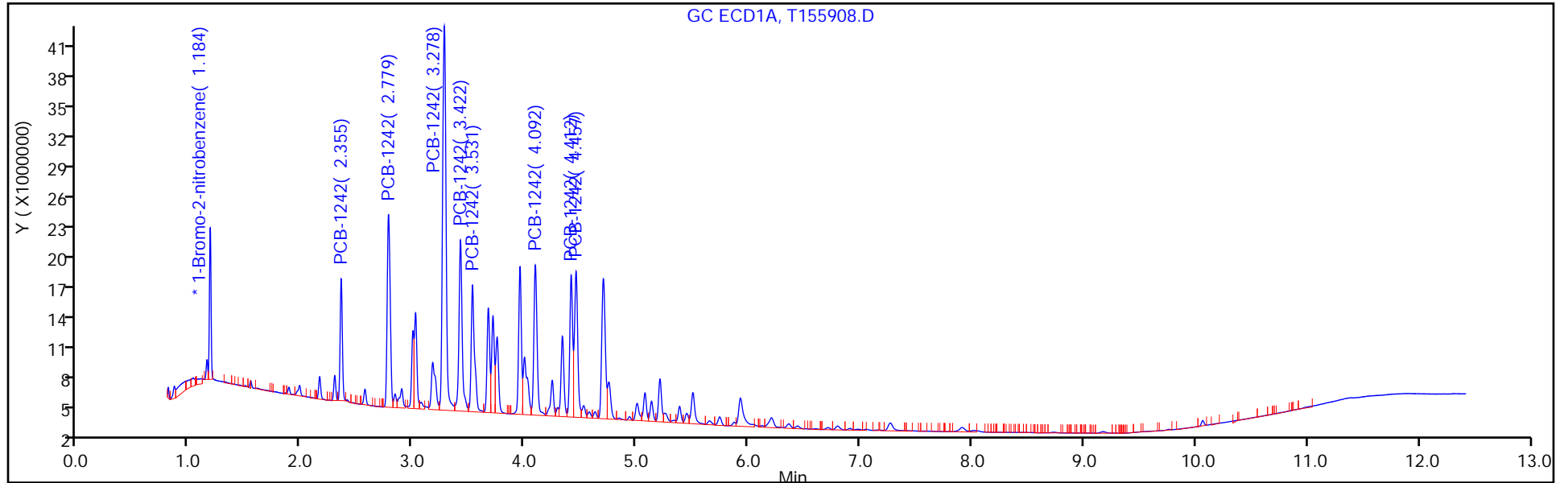
Injection Vol: 1.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 78

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

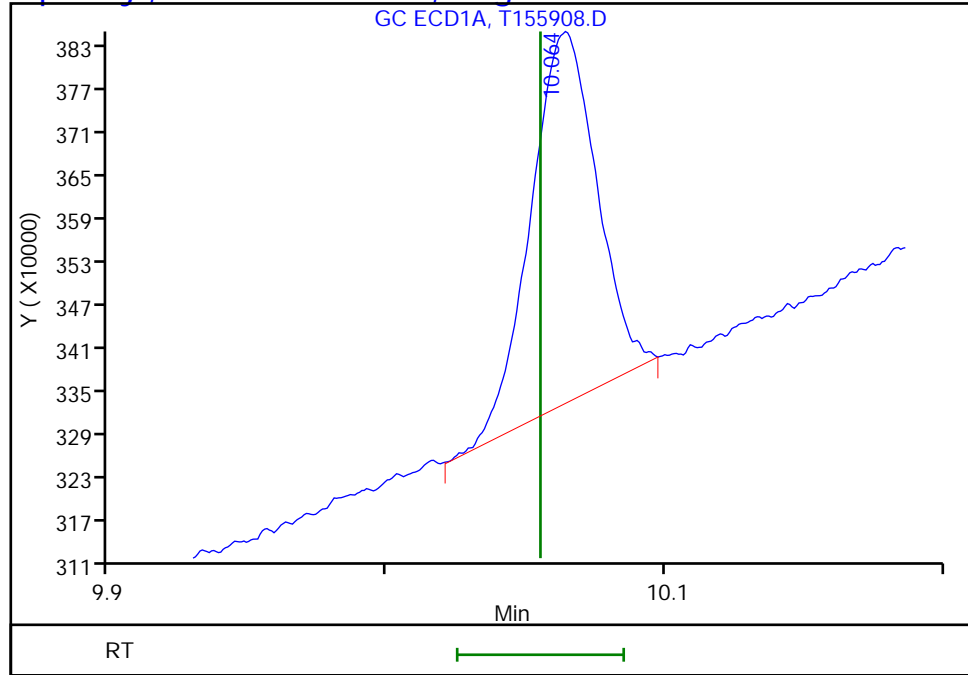


TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D  
Injection Date: 28-Feb-2019 11:48:06 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-38-A Lab Sample ID: 460-176080-38  
Client ID: PRA-B8-WT@8-8.5  
Operator ID: ALS Bottle#: 78 Worklist Smp#: 38  
Injection Vol: 1.0 ul Dil. Factor: 50.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 1**

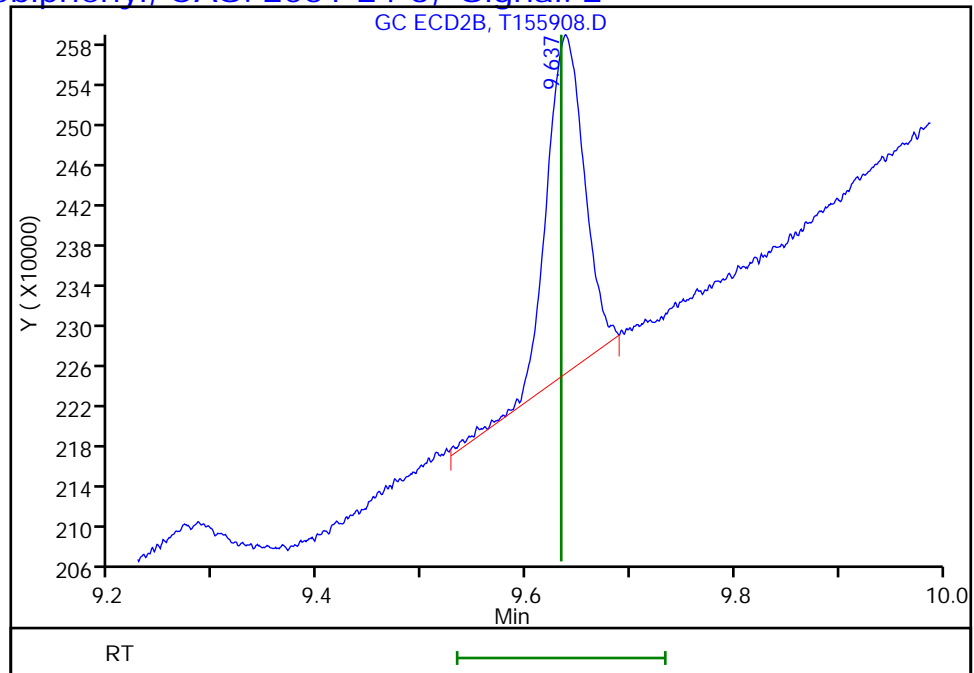
RT: 10.06  
Response: 861583  
Amount: 0.975716



Column: Detector GC ECD2B

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 2**

RT: 9.64  
Response: 846069  
Amount: 1.240524



Reviewer: guhas, 28-Feb-2019 11:42:41  
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D

Injection Date: 28-Feb-2019 11:48:06

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-38-A

Lab Sample ID: 460-176080-38

Client ID: PRA-B8-WT@8-8.5

Operator ID:

ALS Bottle#: 78 Worklist Smp#: 38

Injection Vol: 1.0 ul

Dil. Factor: 50.0000

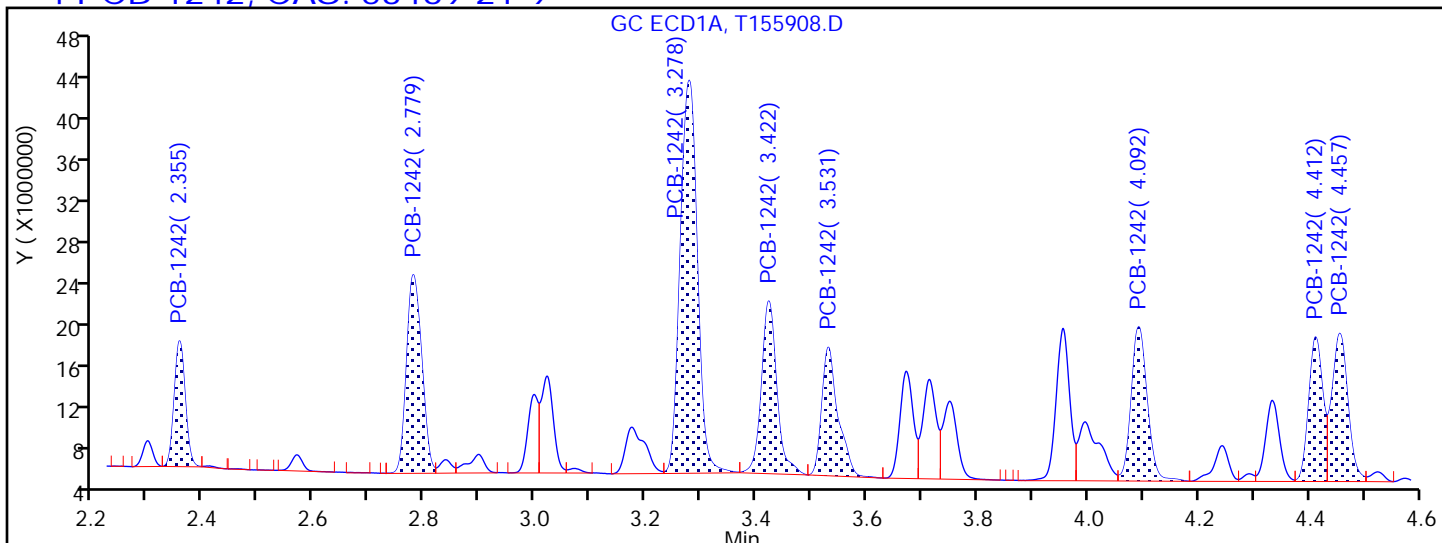
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

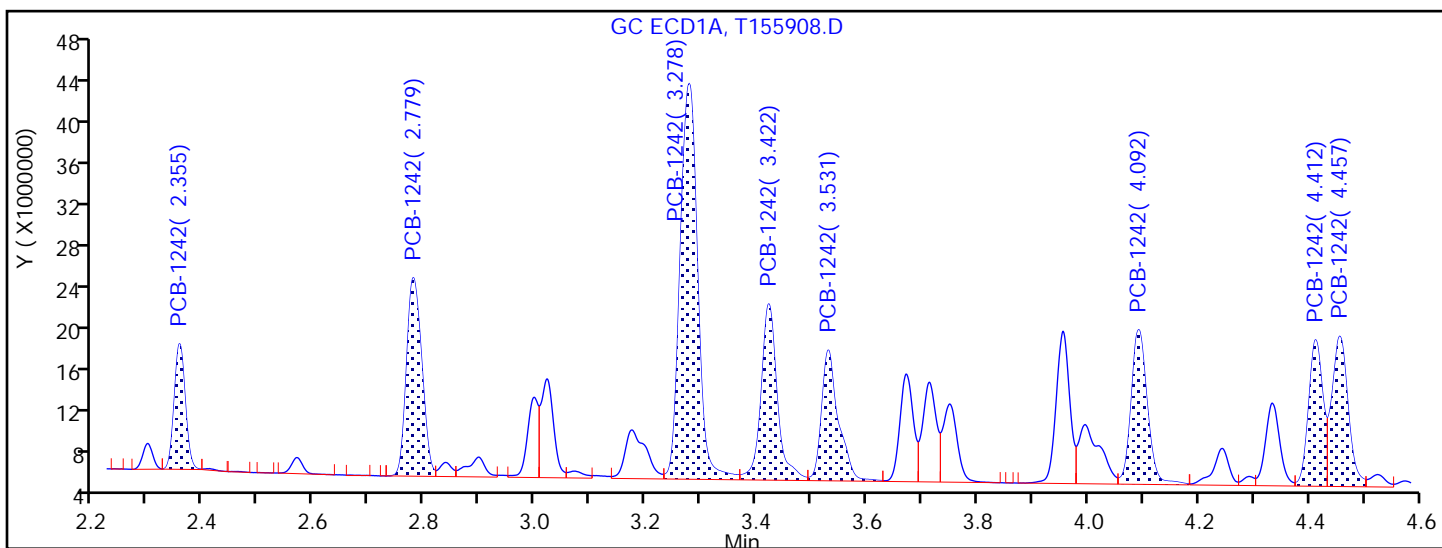
Detector: GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.355	Response = 16533465
2.779	Response = 36117893
3.278	Response = 80160838
3.422	Response = 31477841
3.531	Response = 24703720
4.092	Response = 29564943
4.412	Response = 24510397
4.457	Response = 28465097



Manual Integration Results

2.355	Response = 16533465	
2.779	Response = 36185027	M
3.278	Response = 82981711	M
3.422	Response = 34081479	M
3.531	Response = 26124415	M
4.092	Response = 30072281	M

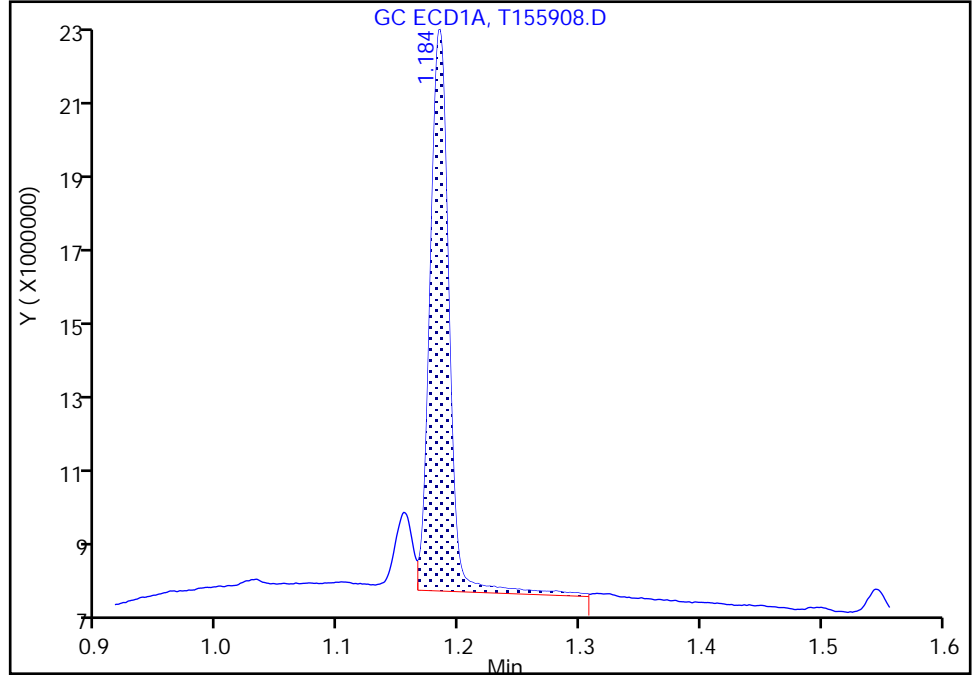
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D  
Injection Date: 28-Feb-2019 11:48:06 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-38-A Lab Sample ID: 460-176080-38  
Client ID: PRA-B8-WT@8-8.5  
Operator ID: ALS Bottle#: 78 Worklist Smp#: 38  
Injection Vol: 1.0 ul Dil. Factor: 50.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

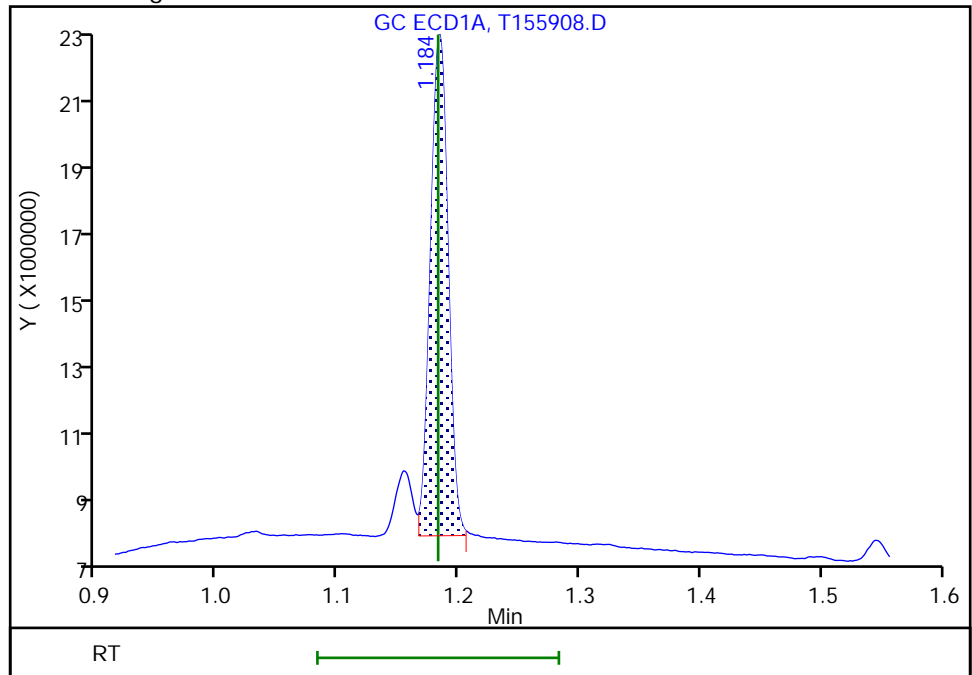
RT: 1.18  
Area: 16482569  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.18  
Area: 15183824  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 11:40:18  
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-WT@8-8.5 Lab Sample ID: 460-176080-38  
 Matrix: Solid Lab File ID: T155908.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:47  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 11:48  
 Con. Extract Vol.: 10(mL) Dilution Factor: 50  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 15.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	530	U	4000	530
11104-28-2	Aroclor 1221	530	U	4000	530
11141-16-5	Aroclor 1232	530	U	4000	530
12672-29-6	Aroclor 1248	530	U	4000	530
11097-69-1	Aroclor 1254	540	U	4000	540
11096-82-5	Aroclor 1260	540	U	4000	540
37324-23-5	Aroclor 1262	540	U	4000	540
11100-14-4	Aroclor 1268	540	U	4000	540

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D  
 Lims ID: 460-176080-A-38-A  
 Client ID: PRA-B8-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 11:48:06 ALS Bottle#: 78 Worklist Smp#: 38  
 Injection Vol: 1.0 ul Dil. Factor: 50.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 11:42:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene						M
1	1.184	1.183	0.001	15183824	20.0	M
2	1.334	1.334	0.000	14596909	20.0	
RPD = 0.00						
4 PCB-1242						M
1	2.355	2.353	0.002	16533465	1448.5	
1	2.779	2.777	0.002	36185027	1521.8	M
1	3.278	3.277	0.001	82981711	1536.0	M
1	3.422	3.421	0.001	34081479	1611.0	M
1	3.531	3.528	0.003	26124415	1608.3	M
1	4.092	4.090	0.002	30072281	1479.9	M
1	4.412	4.411	0.001	25194764	1365.2	M
1	4.457	4.456	0.001	29422025	1433.2	M
Average of Peak Amounts =						1500.5
2	2.342	2.344	-0.002	15476103	1381.0	
2	2.716	2.716	0.000	32239422	1521.1	
2	2.928	2.929	-0.001	21673729	1517.1	
2	3.220	3.221	-0.001	71852791	1534.7	
2	3.367	3.368	-0.001	29624864	1546.4	
2	3.832	3.833	-0.001	29919608	1464.5	
2	4.349	4.323	0.026	45163992	1462.9	M
2	4.576	4.576	0.000	18183818	1531.7	
Average of Peak Amounts =						1494.9
RPD = 0.37						



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D

Injection Date: 28-Feb-2019 11:48:06

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-38-A

Lab Sample ID: 460-176080-38

Worklist Smp#: 38

Client ID: PRA-B8-WT@8-8.5

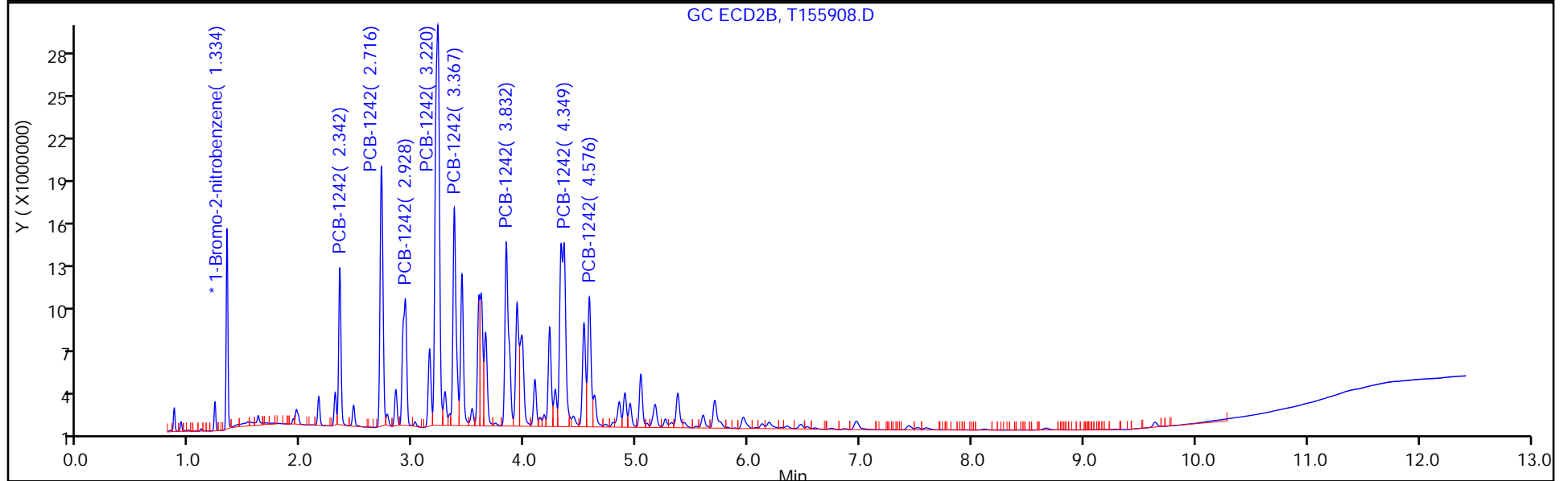
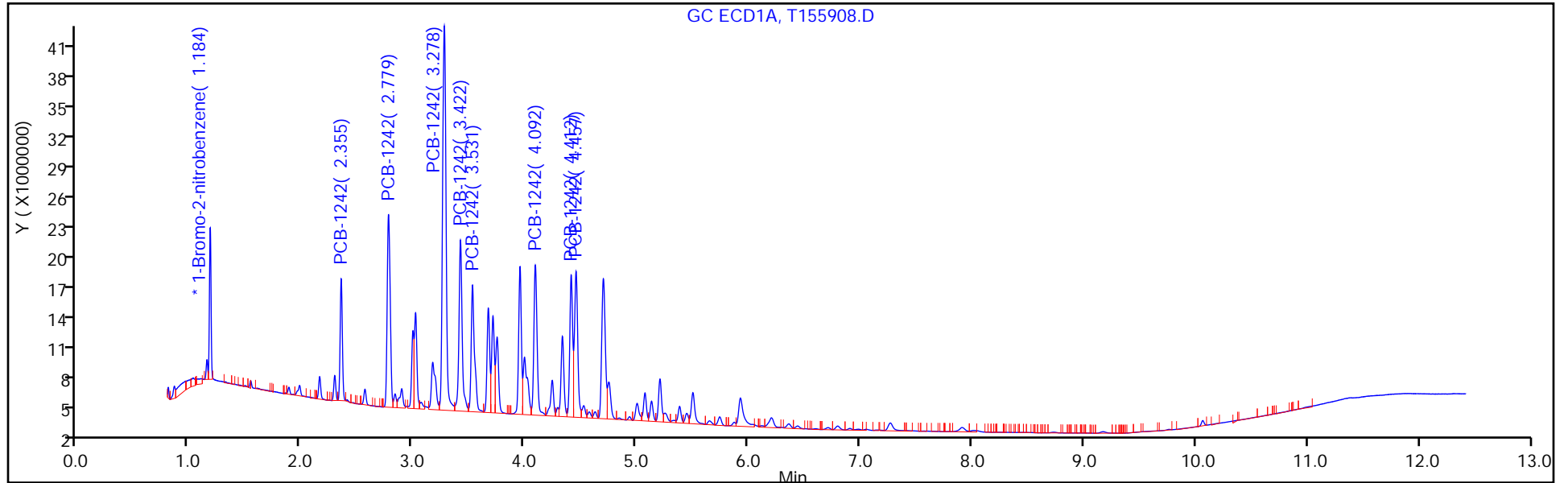
Injection Vol: 1.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 78

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

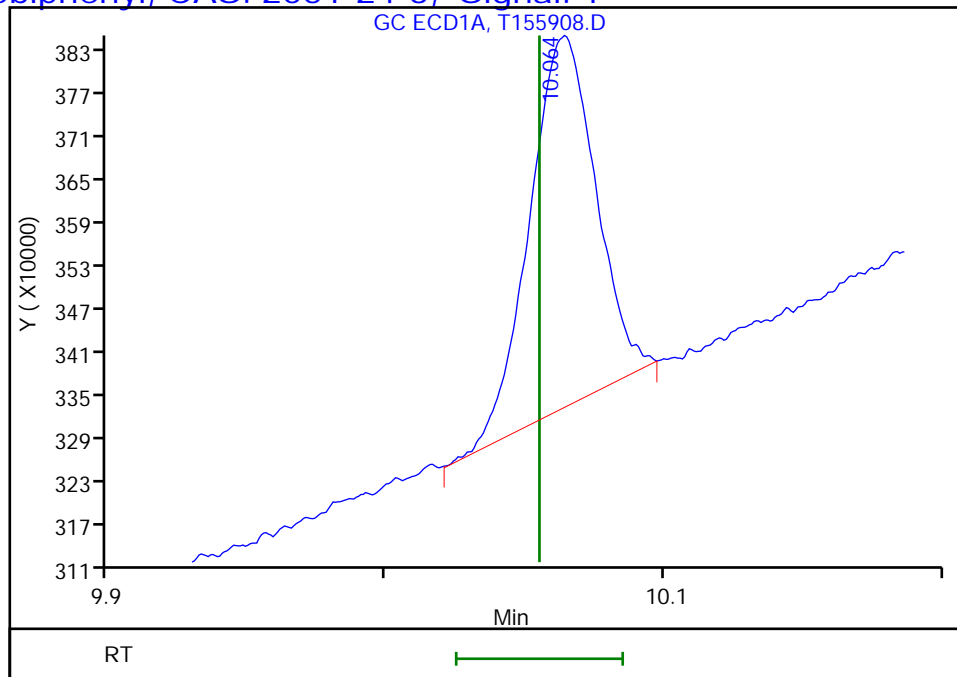


TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D  
Injection Date: 28-Feb-2019 11:48:06 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-38-A Lab Sample ID: 460-176080-38  
Client ID: PRA-B8-WT@8-8.5  
Operator ID: ALS Bottle#: 78 Worklist Smp#: 38  
Injection Vol: 1.0 ul Dil. Factor: 50.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 1**

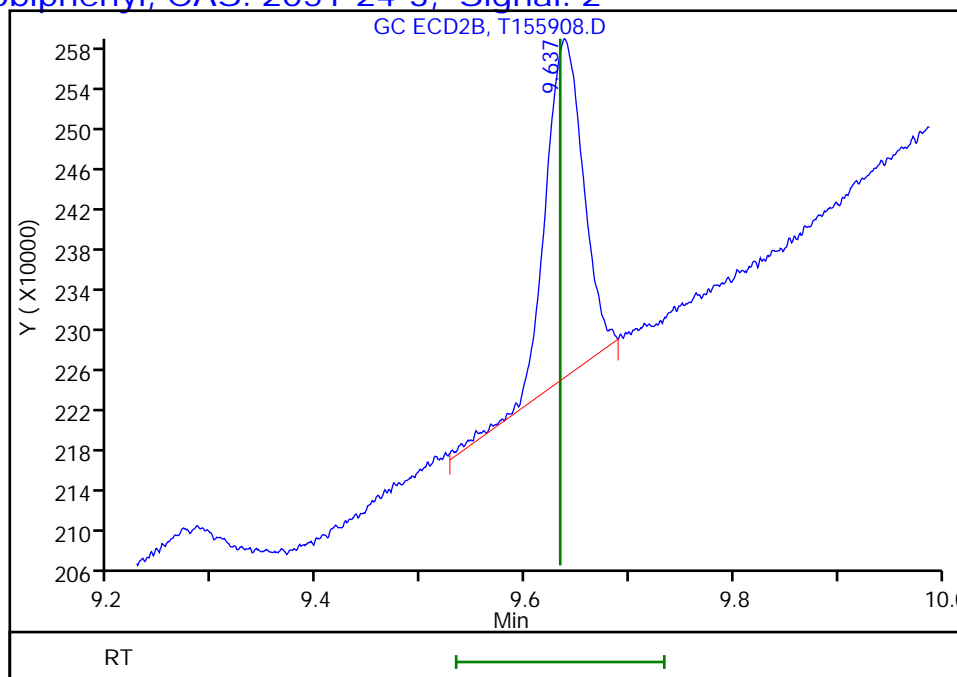
RT: 10.06  
Response: 861583  
Amount: 0.975716



Column: Detector GC ECD2B

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 2**

RT: 9.64  
Response: 846069  
Amount: 1.240524



Reviewer: guhas, 28-Feb-2019 11:42:41  
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155908.D

Injection Date: 28-Feb-2019 11:48:06

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-38-A

Lab Sample ID: 460-176080-38

Client ID: PRA-B8-WT@8-8.5

Operator ID:

ALS Bottle#: 78 Worklist Smp#: 38

Injection Vol: 1.0 ul

Dil. Factor: 50.0000

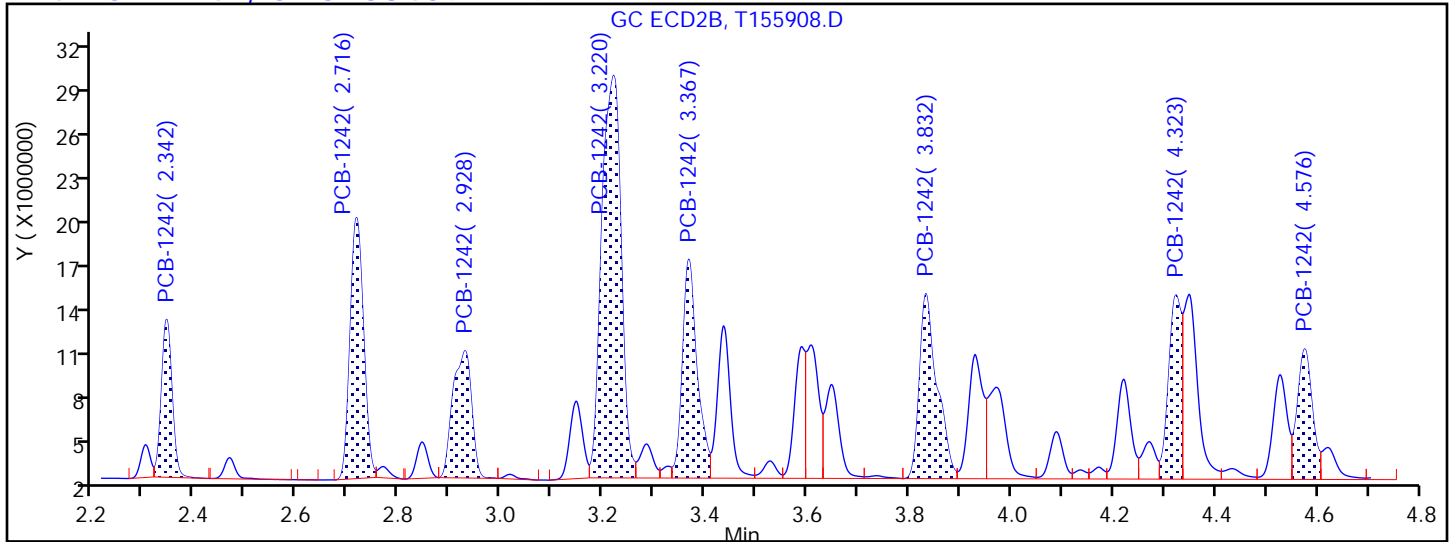
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

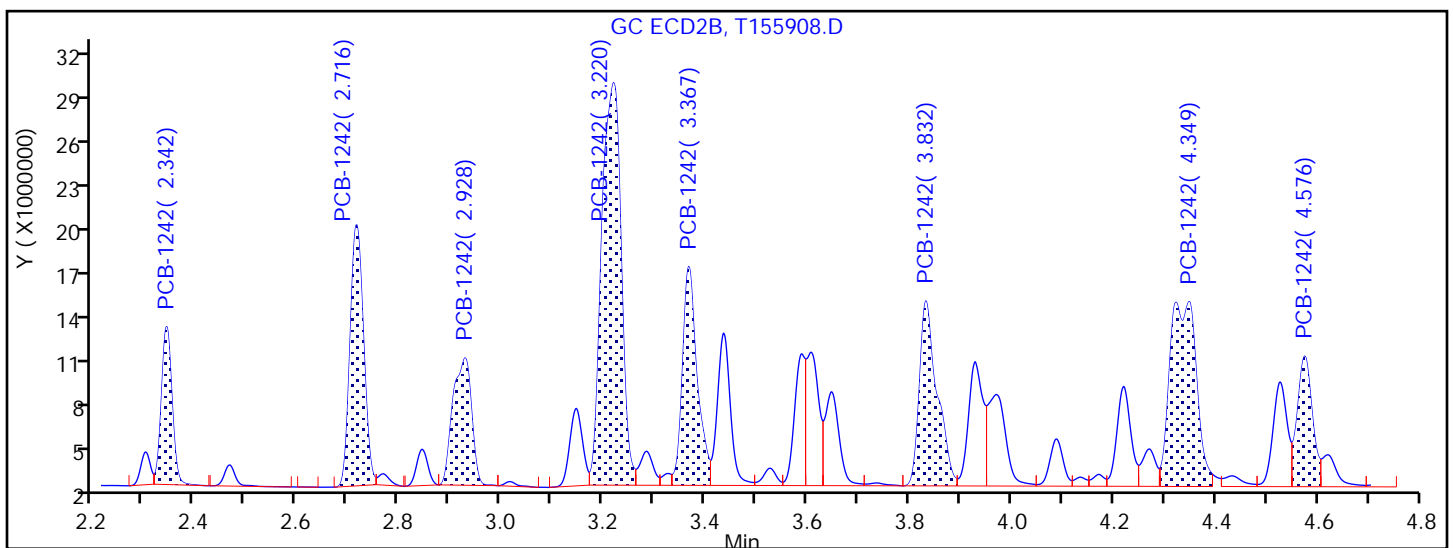
Detector: GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.342	Response = 15476103
2.716	Response = 32239422
2.928	Response = 21673729
3.220	Response = 71852791
3.367	Response = 29624864
3.832	Response = 29919608
4.323	Response = 21929269
4.576	Response = 18183818



Manual Integration Results

2.342	Response = 15476103
2.716	Response = 32239422
2.928	Response = 21673729
3.220	Response = 71852791
3.367	Response = 29624864
3.832	Response = 29919608

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-SI@10.5-11 Lab Sample ID: 460-176080-39  
 Matrix: Solid Lab File ID: 9F003689.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:50  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 07:22  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 18.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	141		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D  
 Lims ID: 460-176080-A-39-A  
 Client ID: PRA-B8-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:22:16 ALS Bottle#: 70 Worklist Smp#: 22  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-022  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:19:48 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 13:19:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						M
1	1.355	1.353	0.002	1590715	20.0	
2	1.345	1.342	0.003	3762366	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	2.710	2.707	0.003	311918	201.1	
1	3.175	3.173	0.002	361961	111.2	M
1	3.706	3.706	0.000	953366	165.3	M
1	3.861	3.861	0.000	426084	159.6	M
1	3.978	3.976	0.002	285782	151.7	M
1	4.566	4.565	0.001	252646	110.5	M
1	4.890	4.891	-0.001	202549	110.4	M
1	4.938	4.937	0.001	230380	96.3	M
Average of Peak Amounts =					138.3	
2	2.363	2.357	0.006	867140	237.2	M
2	2.737	2.733	0.004	1152256	198.9	M
2	2.951	2.945	0.006	696824	183.7	M
2	3.242	3.237	0.005	1182048	119.2	M
2	3.391	3.387	0.004	666910	153.2	M
2	3.858	3.855	0.003	741325	156.7	M
2	4.370	4.367	0.003	747663	107.0	M
2	4.601	4.597	0.004	340238	94.2	
Average of Peak Amounts =					156.3	
						RPD = 12.22

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.515	10.505	0.010	5799047	70.6
2	9.674	9.667	0.007	10806758	72.0

RPD = 2.02

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D

Injection Date: 28-Feb-2019 07:22:16

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-39-A

Lab Sample ID: 460-176080-39

Worklist Smp#: 22

Client ID: PRA-B8-SI@10.5-11

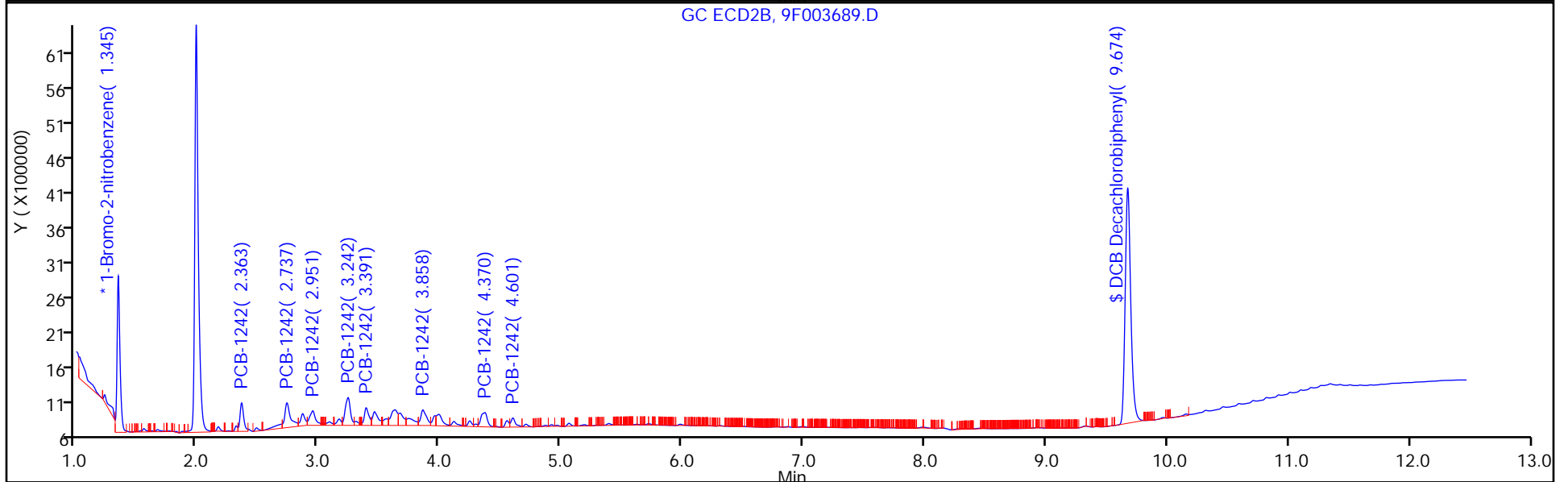
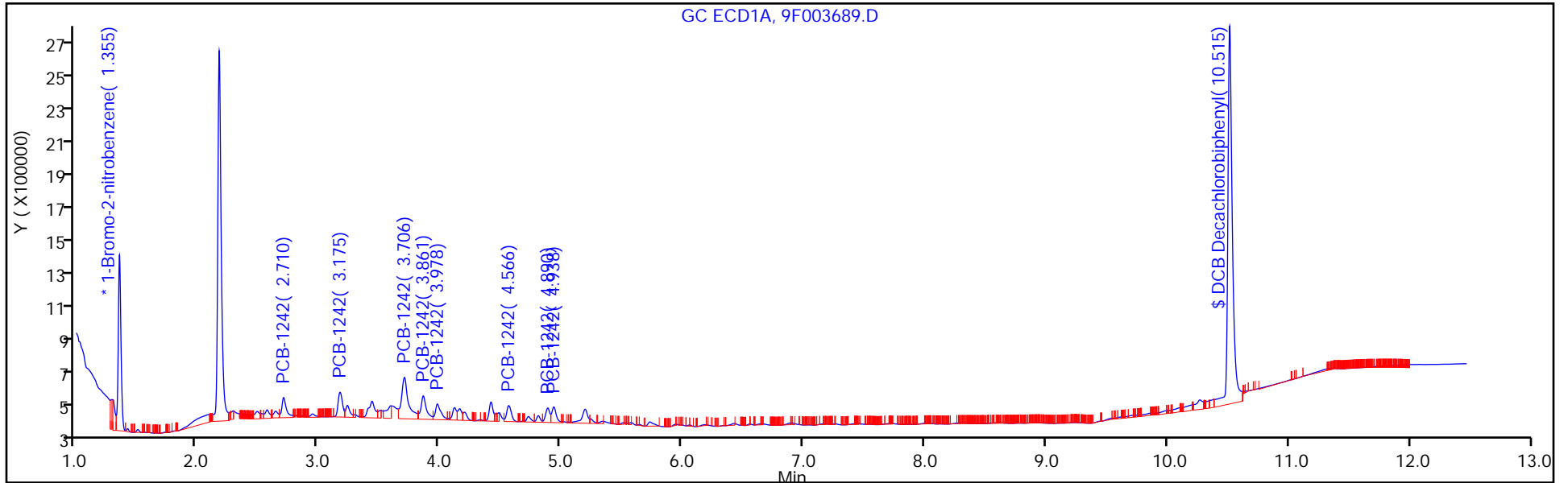
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 70

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD





TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D

Injection Date: 28-Feb-2019 07:22:16

Instrument ID: CPESTGC9

Lims ID: 460-176080-A-39-A

Lab Sample ID: 460-176080-39

Client ID: PRA-B8-SI@10.5-11

Operator ID:

ALS Bottle#: 70 Worklist Smp#: 22

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

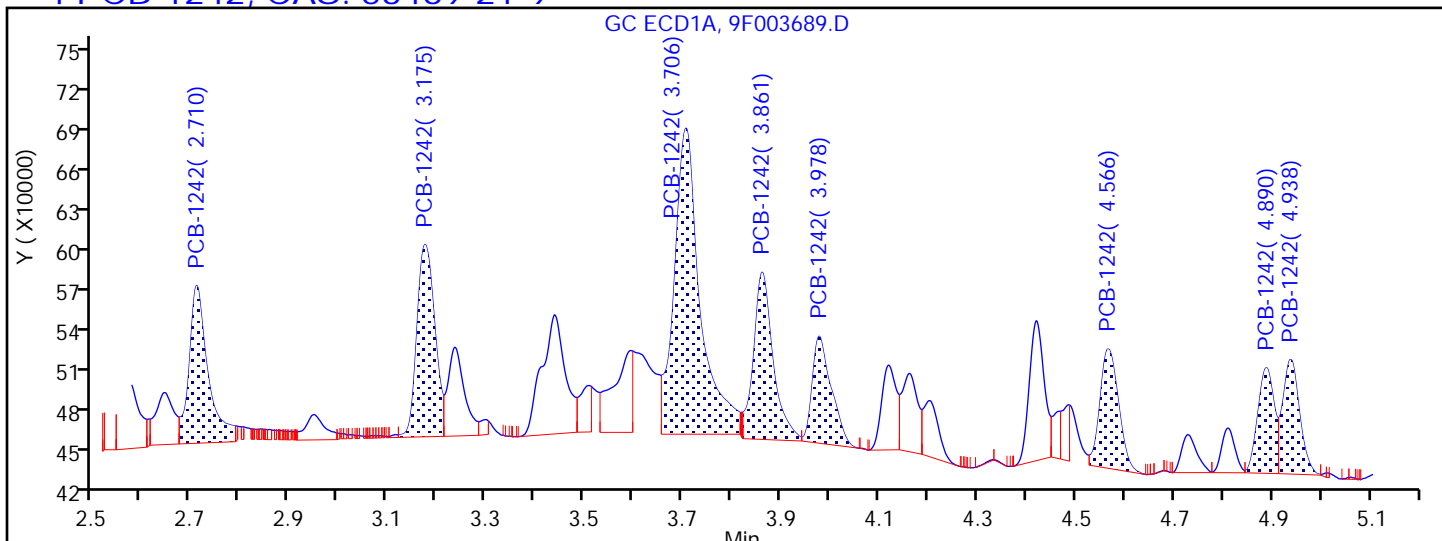
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

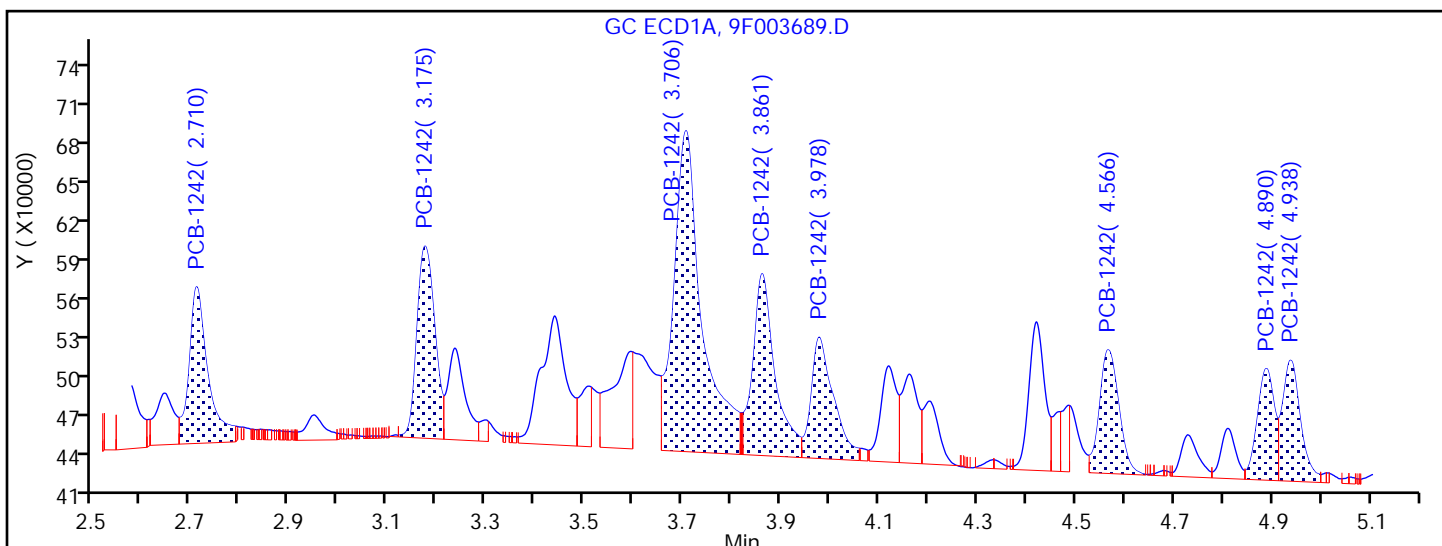
Detector GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.710	Response = 311918
3.175	Response = 357984
3.706	Response = 824047
3.861	Response = 339842
3.978	Response = 210731
4.566	Response = 231615
4.890	Response = 181600
4.938	Response = 202356



Manual Integration Results

2.710	Response = 311918	
3.175	Response = 361961	M
3.706	Response = 953366	M
3.861	Response = 426084	M
3.978	Response = 285782	M
4.566	Response = 252646	M

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-SI@10.5-11 Lab Sample ID: 460-176080-39  
 Matrix: Solid Lab File ID: 9F003689.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:50  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 07:22  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 18.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	82	11
11104-28-2	Aroclor 1221	11	U	82	11
11141-16-5	Aroclor 1232	11	U	82	11
53469-21-9	Aroclor 1242	130		82	11
12672-29-6	Aroclor 1248	11	U	82	11
11097-69-1	Aroclor 1254	11	U	82	11
11096-82-5	Aroclor 1260	11	U	82	11
37324-23-5	Aroclor 1262	11	U	82	11
11100-14-4	Aroclor 1268	11	U	82	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	144		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D  
 Lims ID: 460-176080-A-39-A  
 Client ID: PRA-B8-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:22:16 ALS Bottle#: 70 Worklist Smp#: 22  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-022  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:19:48 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 13:19:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene						M
1	1.355	1.353	0.002	1590715	20.0	
2	1.345	1.342	0.003	3762366	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	2.710	2.707	0.003	311918	201.1	
1	3.175	3.173	0.002	361961	111.2	M
1	3.706	3.706	0.000	953366	165.3	M
1	3.861	3.861	0.000	426084	159.6	M
1	3.978	3.976	0.002	285782	151.7	M
1	4.566	4.565	0.001	252646	110.5	M
1	4.890	4.891	-0.001	202549	110.4	M
1	4.938	4.937	0.001	230380	96.3	M
Average of Peak Amounts =					138.3	
2	2.363	2.357	0.006	867140	237.2	M
2	2.737	2.733	0.004	1152256	198.9	M
2	2.951	2.945	0.006	696824	183.7	M
2	3.242	3.237	0.005	1182048	119.2	M
2	3.391	3.387	0.004	666910	153.2	M
2	3.858	3.855	0.003	741325	156.7	M
2	4.370	4.367	0.003	747663	107.0	M
2	4.601	4.597	0.004	340238	94.2	
Average of Peak Amounts =					156.3	
						RPD = 12.22

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.515	10.505	0.010	5799047	70.6	
2	9.674	9.667	0.007	10806758	72.0	

RPD = 2.02

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D

Injection Date: 28-Feb-2019 07:22:16

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-39-A

Lab Sample ID: 460-176080-39

Worklist Smp#: 22

Client ID: PRA-B8-SI@10.5-11

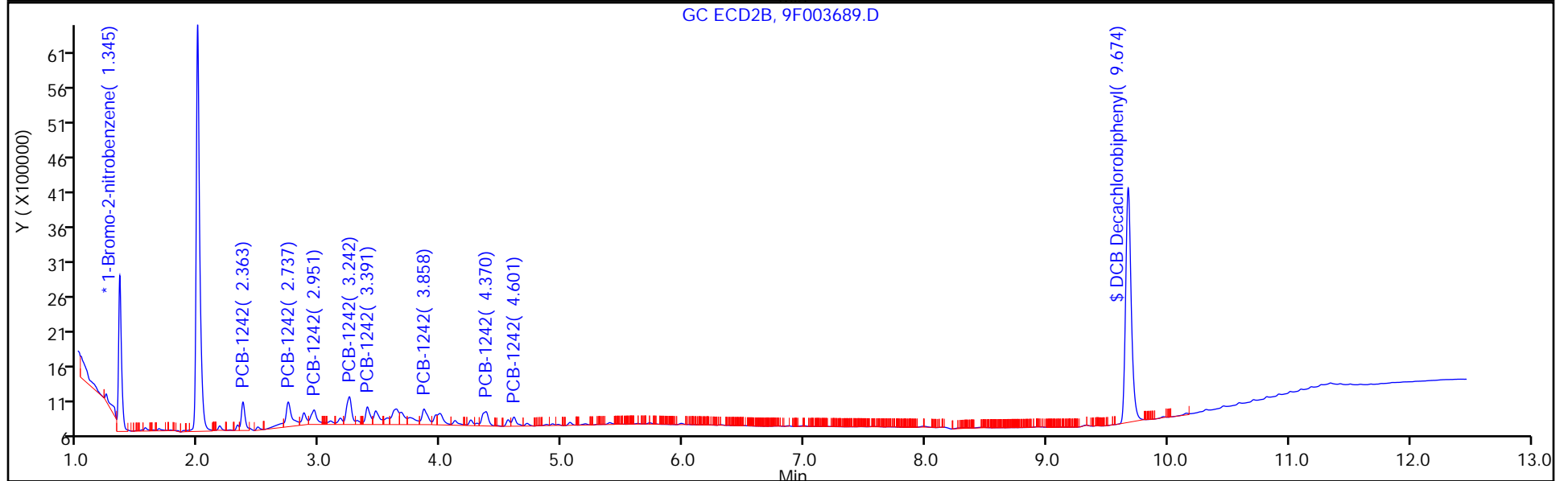
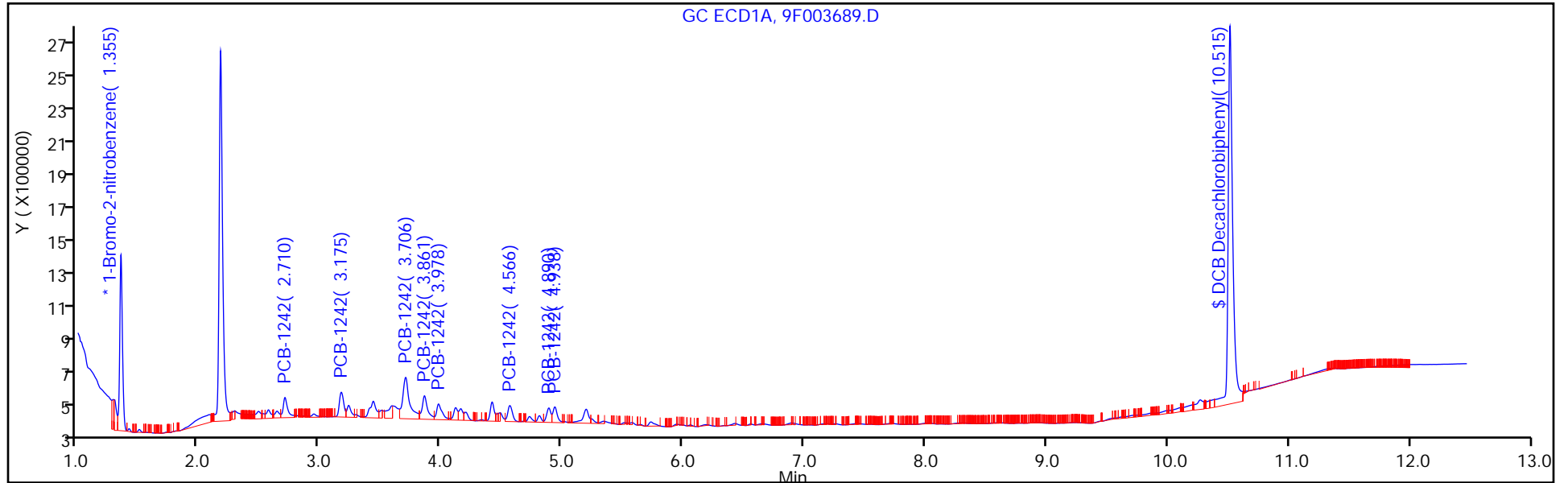
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 70

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D

Injection Date: 28-Feb-2019 07:22:16

Instrument ID: CPESTGC9

Lims ID: 460-176080-A-39-A

Lab Sample ID: 460-176080-39

Client ID: PRA-B8-SI@10.5-11

Operator ID:

ALS Bottle#: 70 Worklist Smp#: 22

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

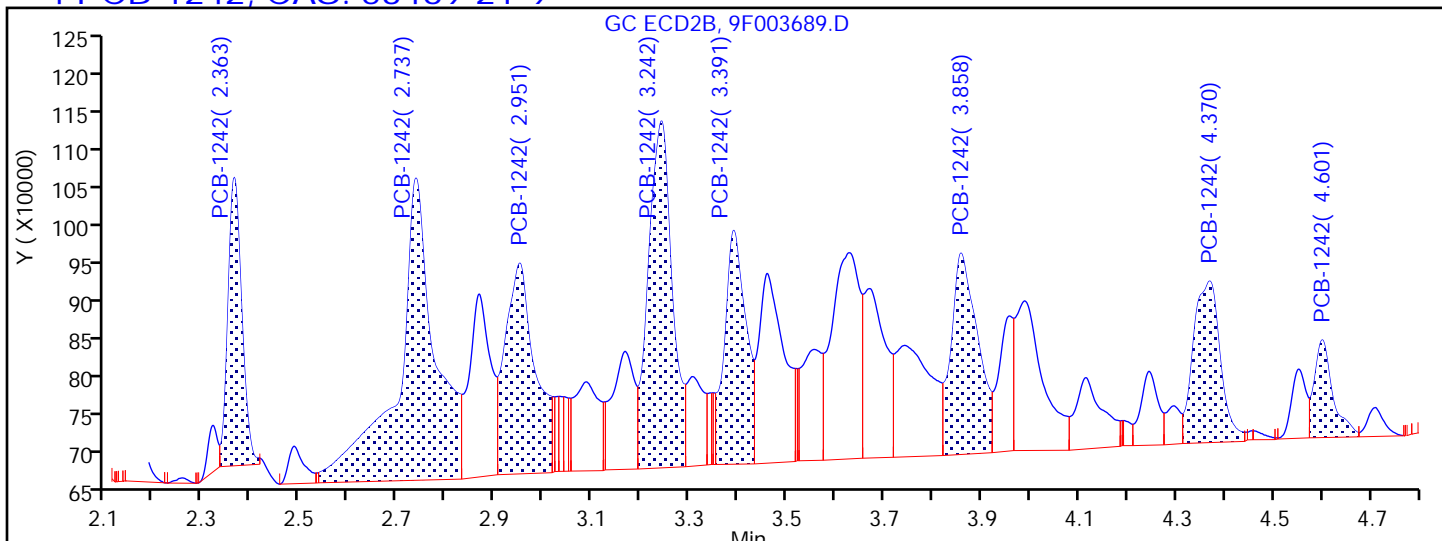
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

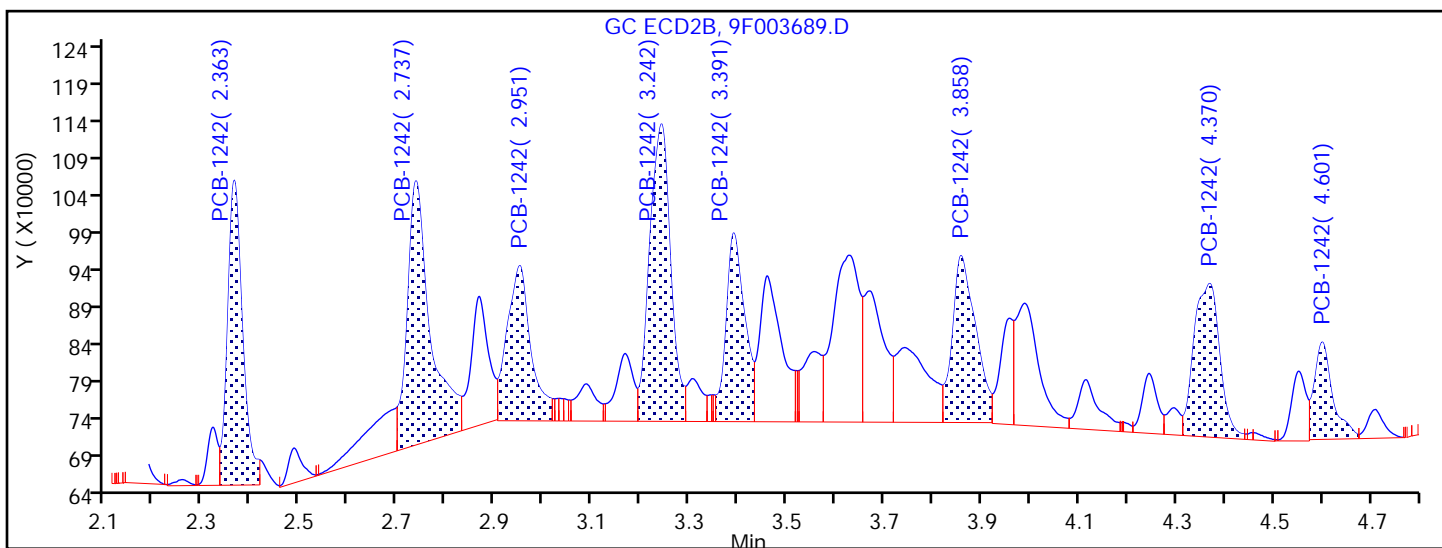
Detector: GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.363	Response = 749107
2.737	Response = 2132931
2.951	Response = 1186789
3.242	Response = 1560666
3.391	Response = 949754
3.858	Response = 1011839
4.370	Response = 817412
4.601	Response = 340238



Manual Integration Results

2.363	Response = 867140	M
2.737	Response = 1152256	M
2.951	Response = 696824	M
3.242	Response = 1182048	M
3.391	Response = 666910	M
3.858	Response = 741325	M

TestAmerica Edison

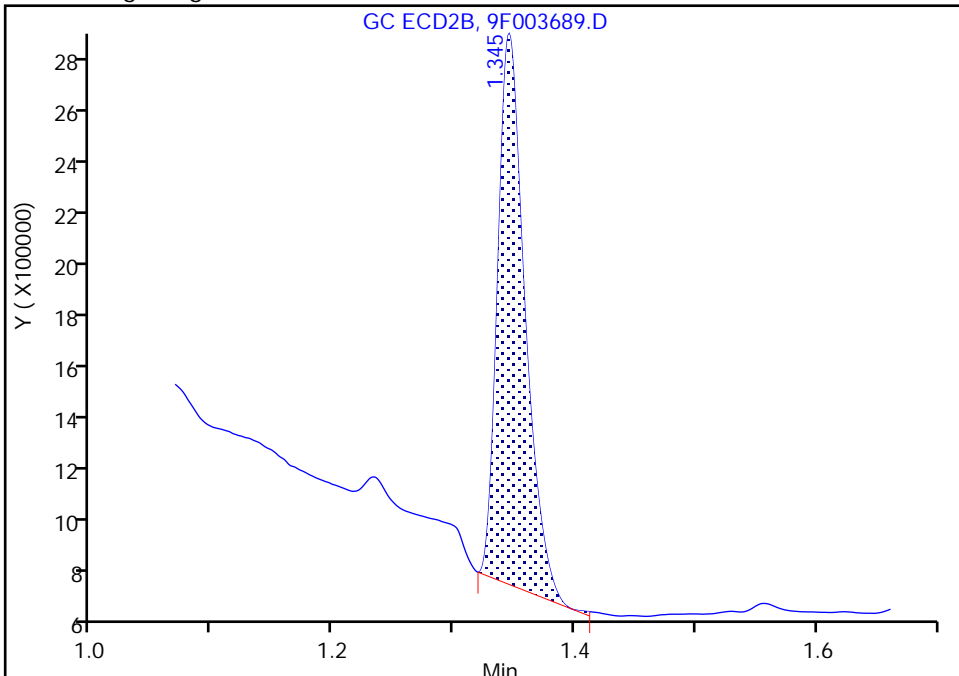
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003689.D  
Injection Date: 28-Feb-2019 07:22:16 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-39-A Lab Sample ID: 460-176080-39  
Client ID: PRA-B8-SI@10.5-11  
Operator ID: ALS Bottle#: 70 Worklist Smp#: 22  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

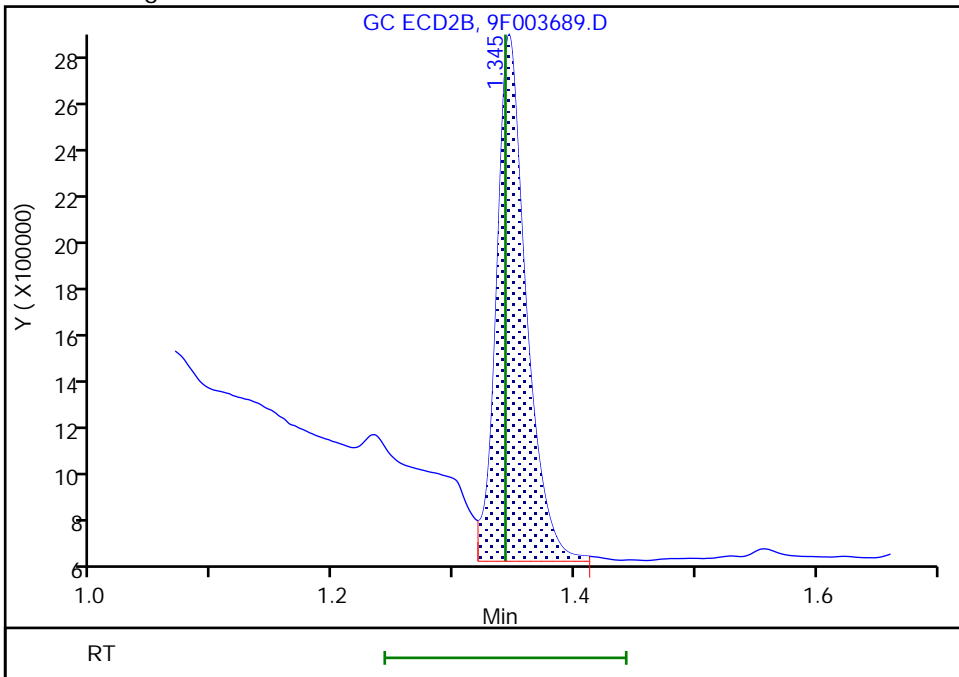
RT: 1.35  
Area: 3275972  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 3762366  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 08:26:57  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-SD@19.5-20 Lab Sample ID: 460-176080-40  
 Matrix: Solid Lab File ID: 9F003690.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:55  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 07:39  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 20.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	143		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003690.D  
 Lims ID: 460-176080-A-40-A  
 Client ID: PRA-B8-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:39:10 ALS Bottle#: 71 Worklist Smp#: 23  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-023  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 09:59:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene						M
1	1.355	1.353	0.002	1548869	20.0	
2	1.345	1.342	0.003	3954078	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	2.710	2.707	0.003	331425	219.4	
1	3.178	3.173	0.005	182132	57.5	
1	3.710	3.706	0.004	1007592	179.4	
1	3.859	3.861	-0.002	318720	122.6	
1	3.977	3.976	0.001	403026	219.7	
1	4.565	4.565	0.000	490398	220.3	
1	4.891	4.891	0.000	87875	49.2	
1	4.939	4.937	0.002	143507	61.6	
Average of Peak Amounts =					141.2	
2	2.363	2.357	0.006	820343	213.5	M
2	2.739	2.733	0.006	720001	118.2	M
2	2.931	2.945	-0.014	1430007	358.6	M
2	3.245	3.237	0.008	1590419	152.6	M
2	3.414	3.387	0.027	708194	154.8	M
2	3.859	3.855	0.004	1476416	297.0	M
2	4.373	4.367	0.006	567067	77.2	M
2	4.600	4.597	0.003	224356	59.1	M
Average of Peak Amounts =					178.9	
						RPD = 23.53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.515	10.505	0.010	5725396	71.6	
2	9.674	9.667	0.007	11287159	71.6	

RPD = 0.01

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003690.D

Injection Date: 28-Feb-2019 07:39:10

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-40-A

Lab Sample ID: 460-176080-40

Worklist Smp#: 23

Client ID: PRA-B8-SD@19.5-20

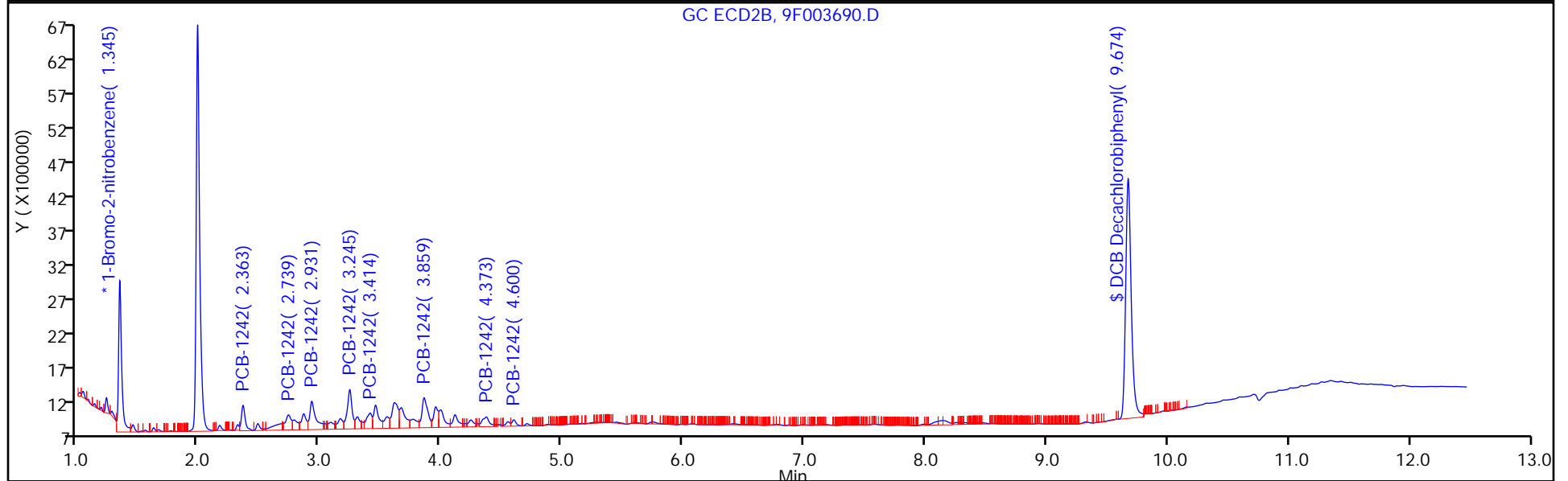
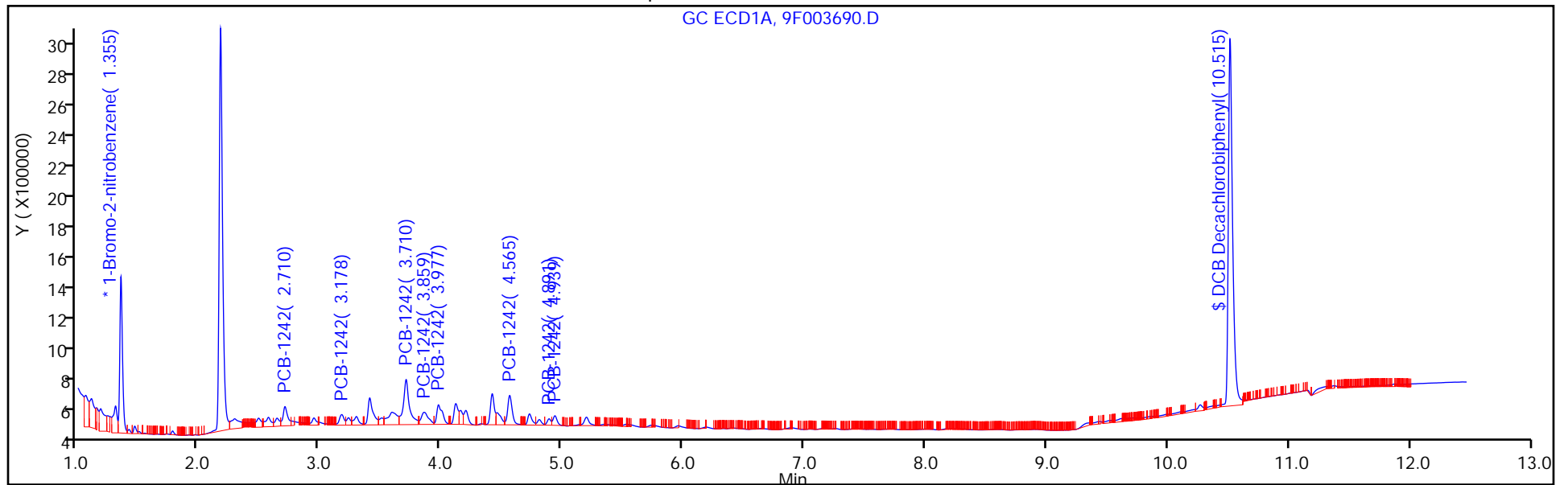
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 71

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B8-SD@19.5-20 Lab Sample ID: 460-176080-40  
 Matrix: Solid Lab File ID: 9F003690.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:55  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 07:39  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 20.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	84	11
11104-28-2	Aroclor 1221	11	U	84	11
11141-16-5	Aroclor 1232	11	U	84	11
53469-21-9	Aroclor 1242	150		84	11
12672-29-6	Aroclor 1248	11	U	84	11
11097-69-1	Aroclor 1254	12	U	84	12
11096-82-5	Aroclor 1260	12	U	84	12
37324-23-5	Aroclor 1262	12	U	84	12
11100-14-4	Aroclor 1268	12	U	84	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	143		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003690.D  
 Lims ID: 460-176080-A-40-A  
 Client ID: PRA-B8-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:39:10 ALS Bottle#: 71 Worklist Smp#: 23  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-023  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 09:59:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M

1	1.355	1.353	0.002	1548869	20.0	
2	1.345	1.342	0.003	3954078	20.0	M

RPD = 0.00

4 PCB-1242 M

1	2.710	2.707	0.003	331425	219.4	
1	3.178	3.173	0.005	182132	57.5	
1	3.710	3.706	0.004	1007592	179.4	
1	3.859	3.861	-0.002	318720	122.6	
1	3.977	3.976	0.001	403026	219.7	
1	4.565	4.565	0.000	490398	220.3	
1	4.891	4.891	0.000	87875	49.2	
1	4.939	4.937	0.002	143507	61.6	

Average of Peak Amounts = 141.2

2	2.363	2.357	0.006	820343	213.5	M
2	2.739	2.733	0.006	720001	118.2	M
2	2.931	2.945	-0.014	1430007	358.6	M
2	3.245	3.237	0.008	1590419	152.6	M
2	3.414	3.387	0.027	708194	154.8	M
2	3.859	3.855	0.004	1476416	297.0	M
2	4.373	4.367	0.006	567067	77.2	M
2	4.600	4.597	0.003	224356	59.1	M

Average of Peak Amounts = 178.9

RPD = 23.53

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003690.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.515	10.505	0.010	5725396	71.6	
2	9.674	9.667	0.007	11287159	71.6	

RPD = 0.01

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003690.D

Injection Date: 28-Feb-2019 07:39:10

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-40-A

Lab Sample ID: 460-176080-40

Worklist Smp#: 23

Client ID: PRA-B8-SD@19.5-20

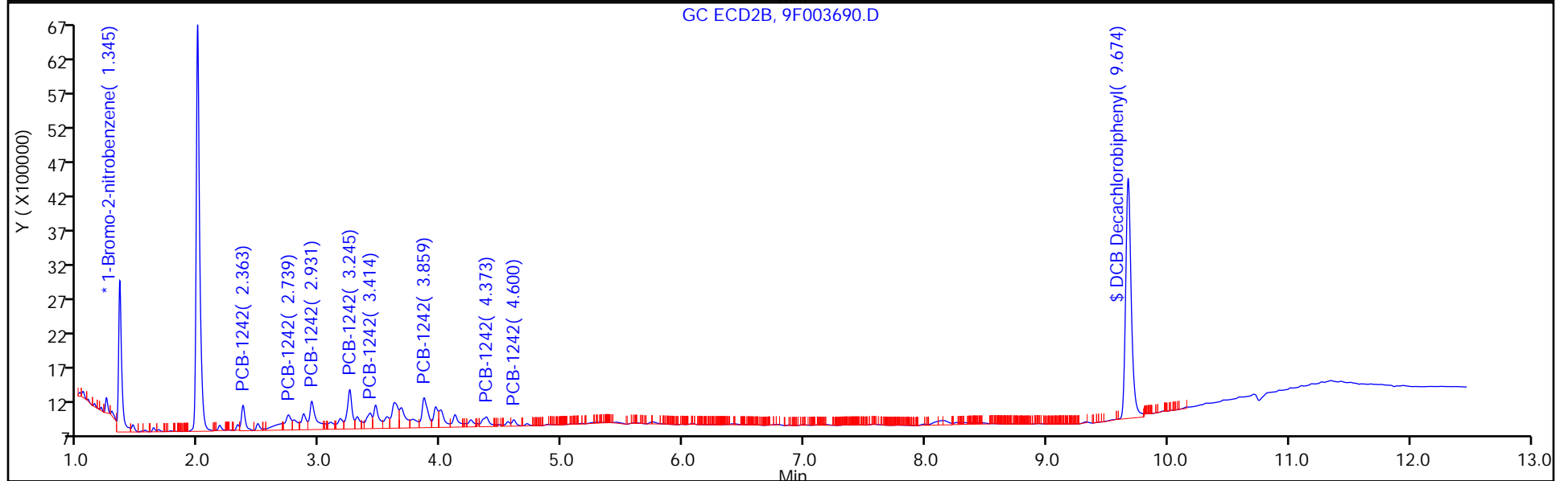
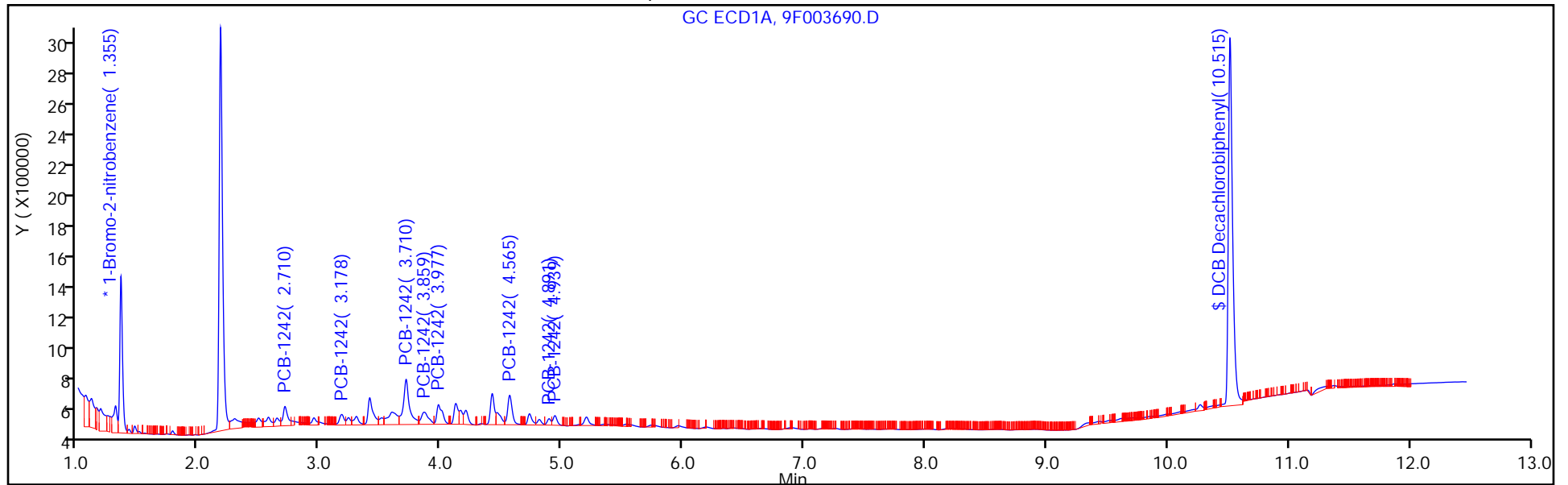
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 71

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003690.D

Injection Date: 28-Feb-2019 07:39:10

Instrument ID: CPESTGC9

Lims ID: 460-176080-A-40-A

Lab Sample ID: 460-176080-40

Client ID: PRA-B8-SD@19.5-20

Operator ID:

ALS Bottle#: 71

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

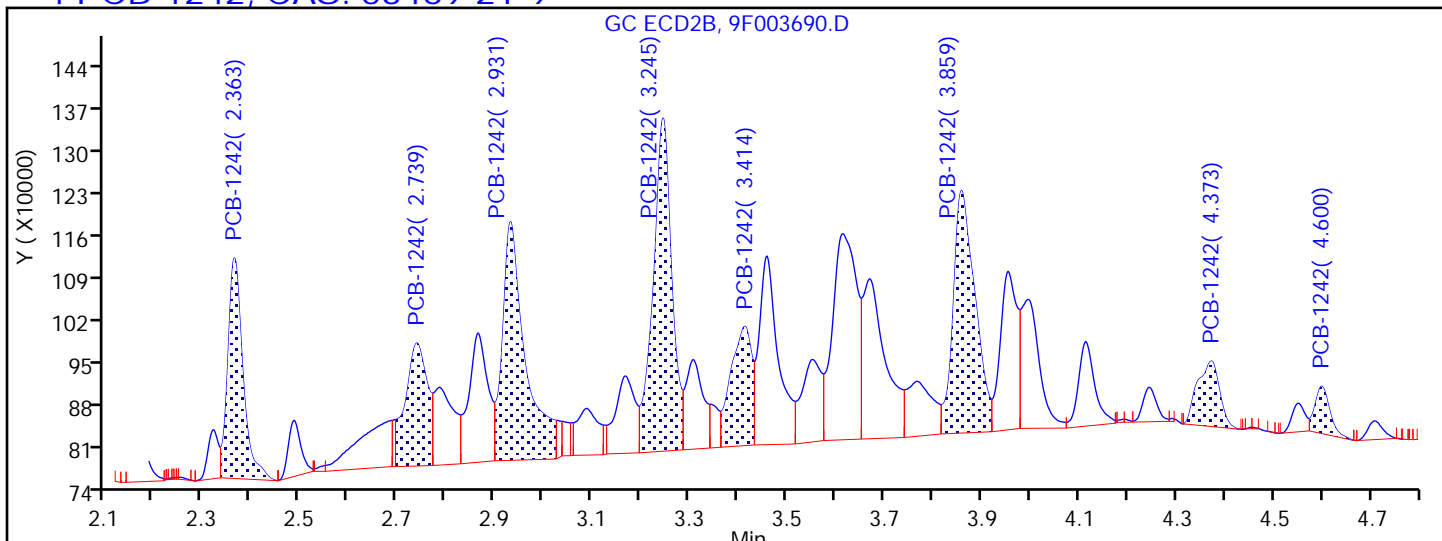
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

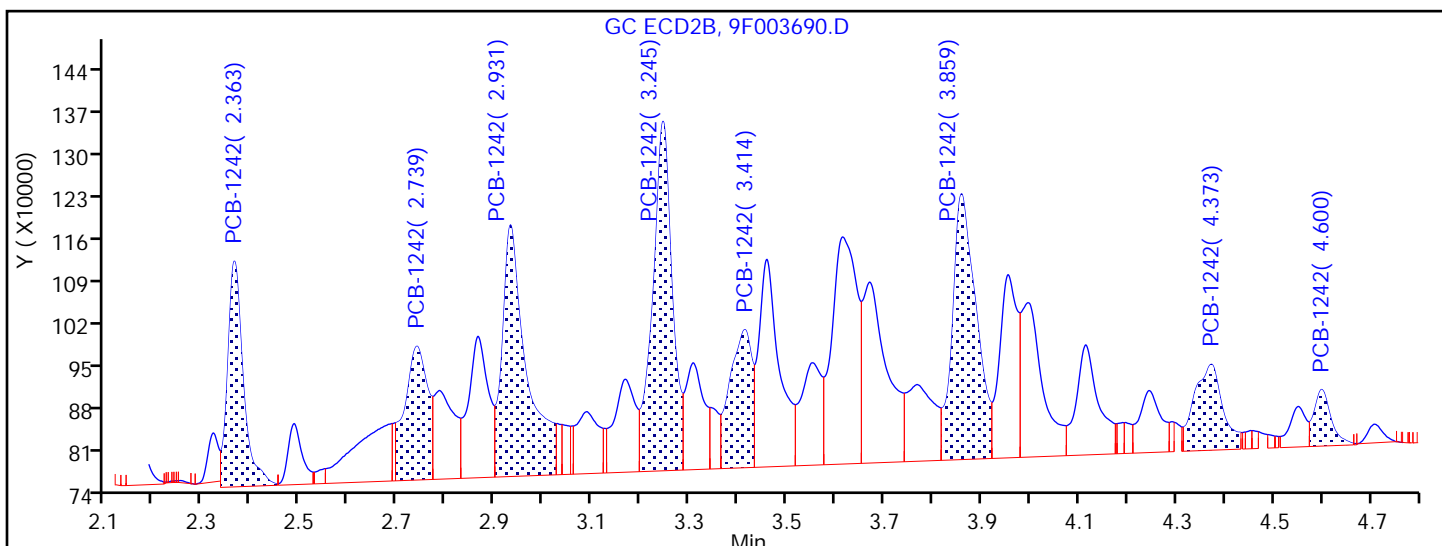
Detector: GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.363	Response = 776009
2.739	Response = 638683
2.931	Response = 1270600
3.245	Response = 1446593
3.414	Response = 581551
3.859	Response = 1238213
4.373	Response = 330832
4.600	Response = 163643



Manual Integration Results

2.363	Response = 820343	M
2.739	Response = 720001	M
2.931	Response = 1430007	M
3.245	Response = 1590419	M
3.414	Response = 708194	M
3.859	Response = 1476416	M



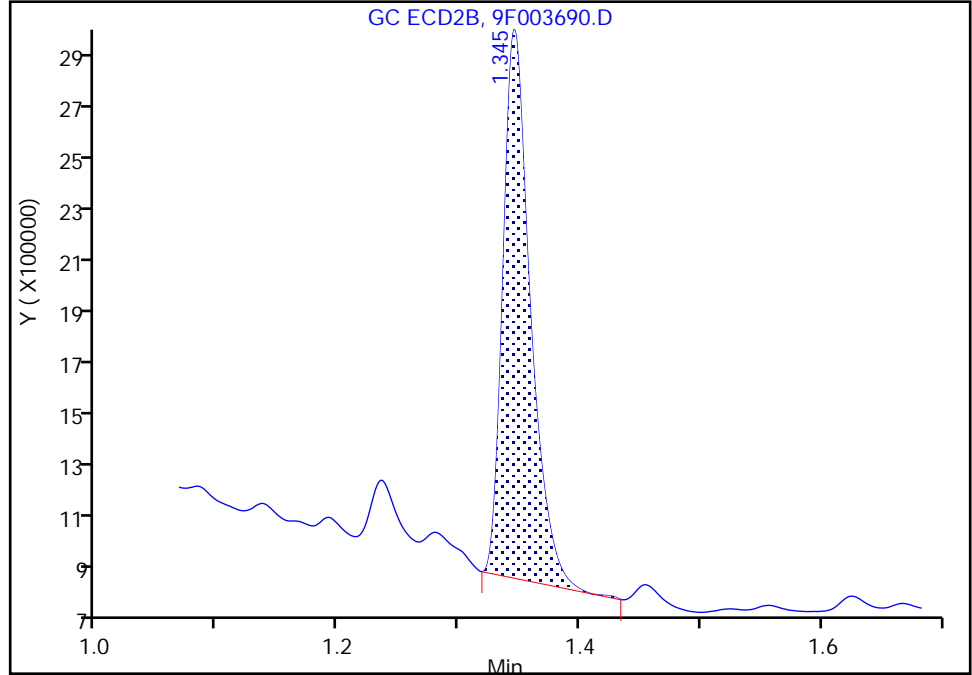
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003690.D  
Injection Date: 28-Feb-2019 07:39:10 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-40-A Lab Sample ID: 460-176080-40  
Client ID: PRA-B8-SD@19.5-20  
Operator ID: ALS Bottle#: 71 Worklist Smp#: 23  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

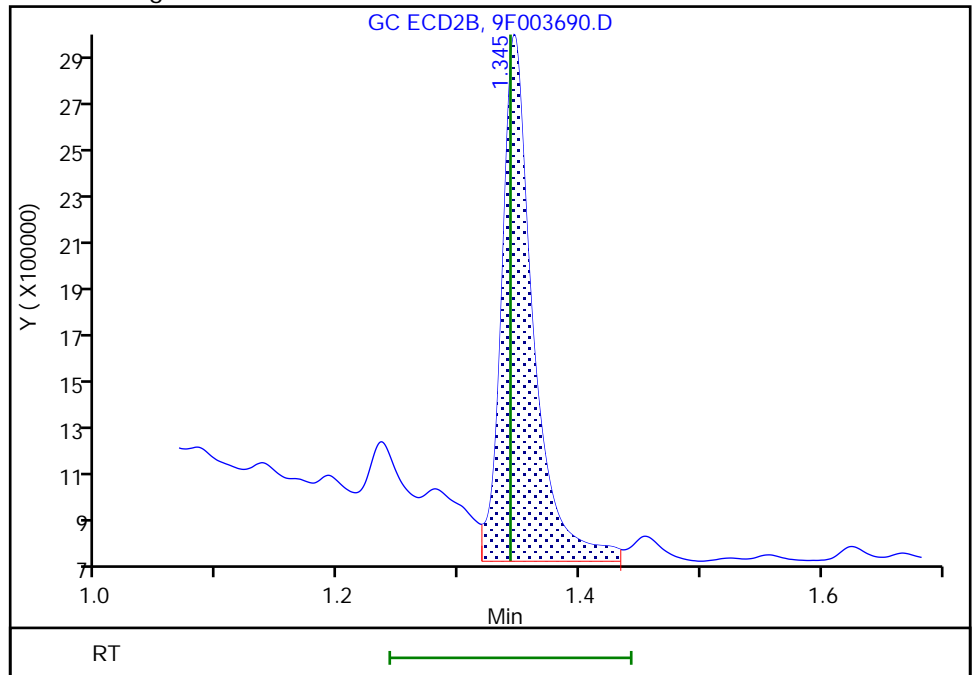
RT: 1.35  
Area: 3260007  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 3954078  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 09:58:31  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VS@1-1.5 Lab Sample ID: 460-176080-41  
 Matrix: Solid Lab File ID: 9F003691.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:15  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 07:56  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 16.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003691.D  
 Lims ID: 460-176080-A-41-A  
 Client ID: PRA-B9-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:56:00 ALS Bottle#: 72 Worklist Smp#: 24  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-024  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:00:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1576086 20.0  
 2 1.345 1.342 0.003 4010099 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.513 10.505 0.008 5029016 61.8  
 2 9.673 9.667 0.006 10180107 63.6  
 RPD = 3.00

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003691.D

Injection Date: 28-Feb-2019 07:56:00

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-41-A

Lab Sample ID: 460-176080-41

Worklist Smp#: 24

Client ID: PRA-B9-VS@1-1.5

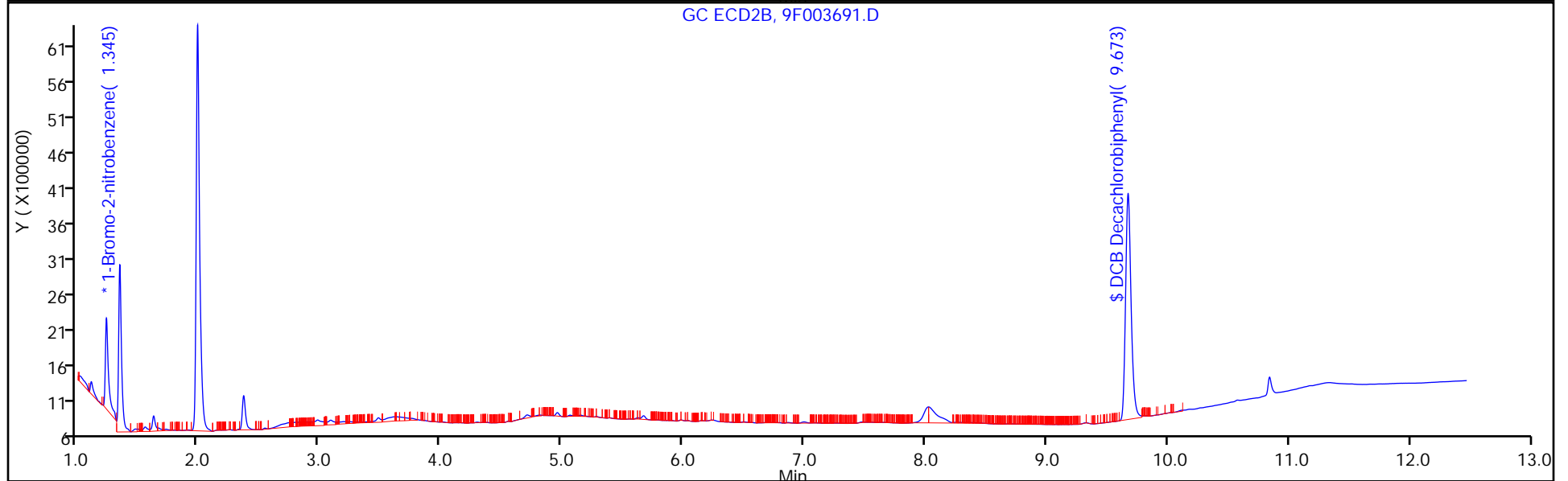
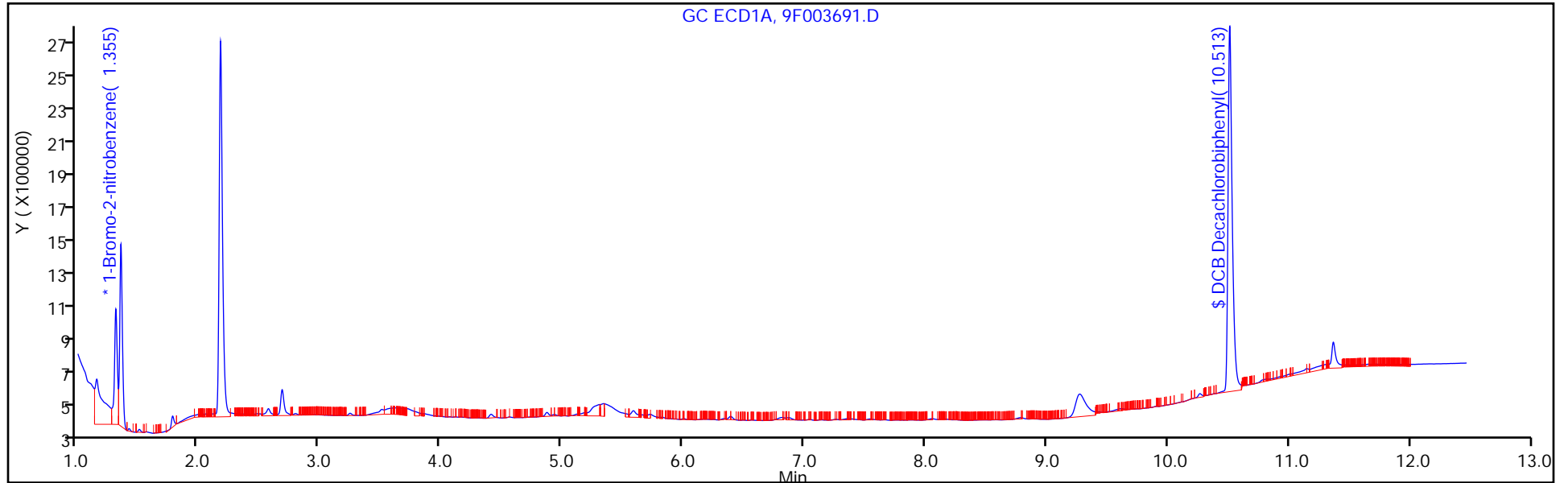
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 72

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VS@1-1.5 Lab Sample ID: 460-176080-41  
 Matrix: Solid Lab File ID: 9F003691.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:15  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 07:56  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 16.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	80	11
11104-28-2	Aroclor 1221	11	U	80	11
11141-16-5	Aroclor 1232	11	U	80	11
53469-21-9	Aroclor 1242	11	U	80	11
12672-29-6	Aroclor 1248	11	U	80	11
11097-69-1	Aroclor 1254	11	U	80	11
11096-82-5	Aroclor 1260	11	U	80	11
37324-23-5	Aroclor 1262	11	U	80	11
11100-14-4	Aroclor 1268	11	U	80	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003691.D  
 Lims ID: 460-176080-A-41-A  
 Client ID: PRA-B9-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 07:56:00 ALS Bottle#: 72 Worklist Smp#: 24  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-024  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:00:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1576086 20.0  
 2 1.345 1.342 0.003 4010099 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.513 10.505 0.008 5029016 61.8  
 2 9.673 9.667 0.006 10180107 63.6  
 RPD = 3.00

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003691.D

Injection Date: 28-Feb-2019 07:56:00

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-41-A

Lab Sample ID: 460-176080-41

Worklist Smp#: 24

Client ID: PRA-B9-VS@1-1.5

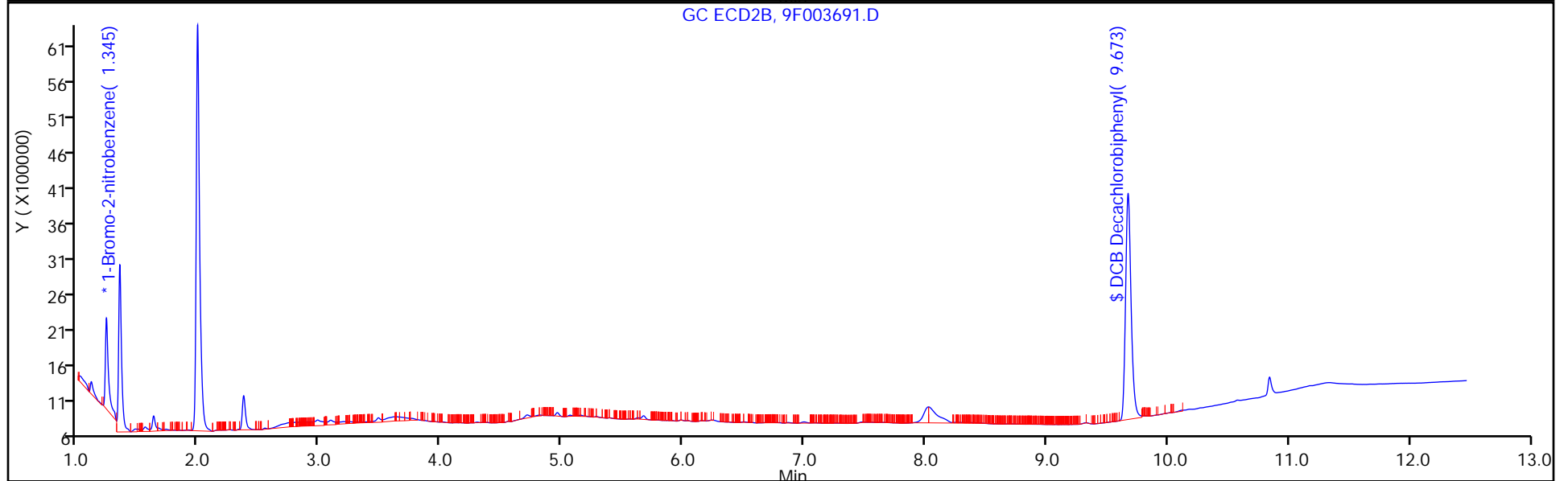
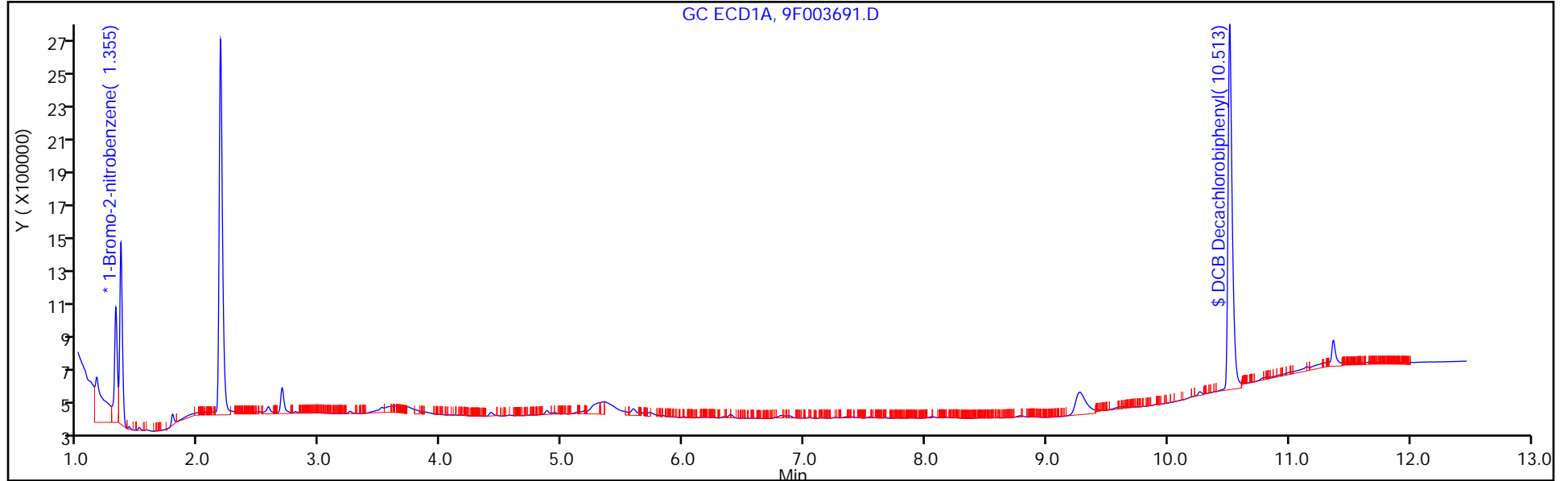
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 72

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



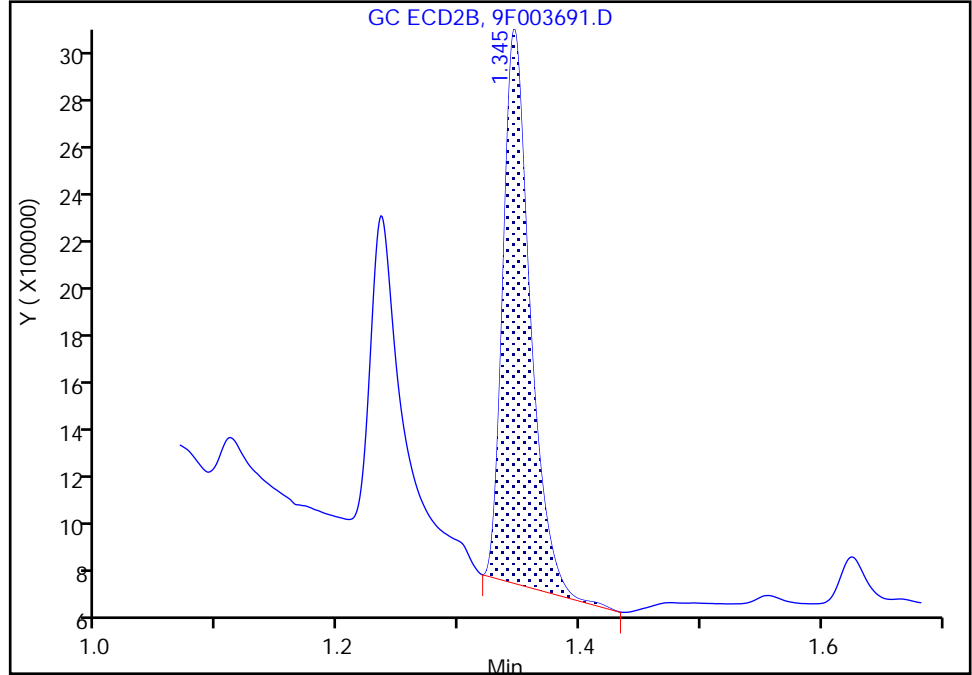
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003691.D  
Injection Date: 28-Feb-2019 07:56:00 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-41-A Lab Sample ID: 460-176080-41  
Client ID: PRA-B9-VS@1-1.5  
Operator ID: ALS Bottle#: 72 Worklist Smp#: 24  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

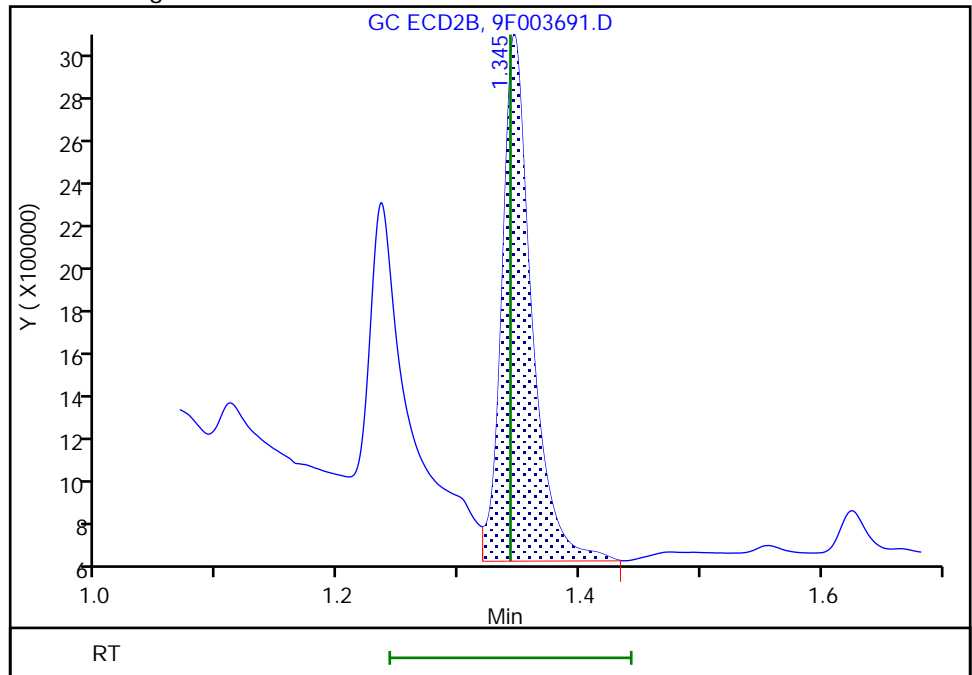
RT: 1.35  
Area: 3482074  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 4010099  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:00:27  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VD@3-3.5 Lab Sample ID: 460-176080-42  
 Matrix: Solid Lab File ID: 9F003678.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:18  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 01:53  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 5.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	139		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003678.D  
 Lims ID: 460-176080-A-42-C  
 Client ID: PRA-B9-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 01:53:39 ALS Bottle#: 59 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-011  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 07:54:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1553913 20.0  
 2 1.346 1.342 0.004 4111868 20.0 M  
 RPD = 0.00

\$ 2 Tetrachloro-m-xylene  
 1 2.178 2.176 0.002 4483564 55.8  
 2 1.988 1.985 0.003 12567136 57.8  
 RPD = 3.48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl						M
1	10.507	10.505	0.002	5560629	69.3	M
2	9.672	9.667	0.005	10968890	66.9	
RPD = 3.51						

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003678.D

Injection Date: 28-Feb-2019 01:53:39

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-42-C

Lab Sample ID: 460-176080-42

Worklist Smp#: 11

Client ID: PRA-B9-VD@3-3.5

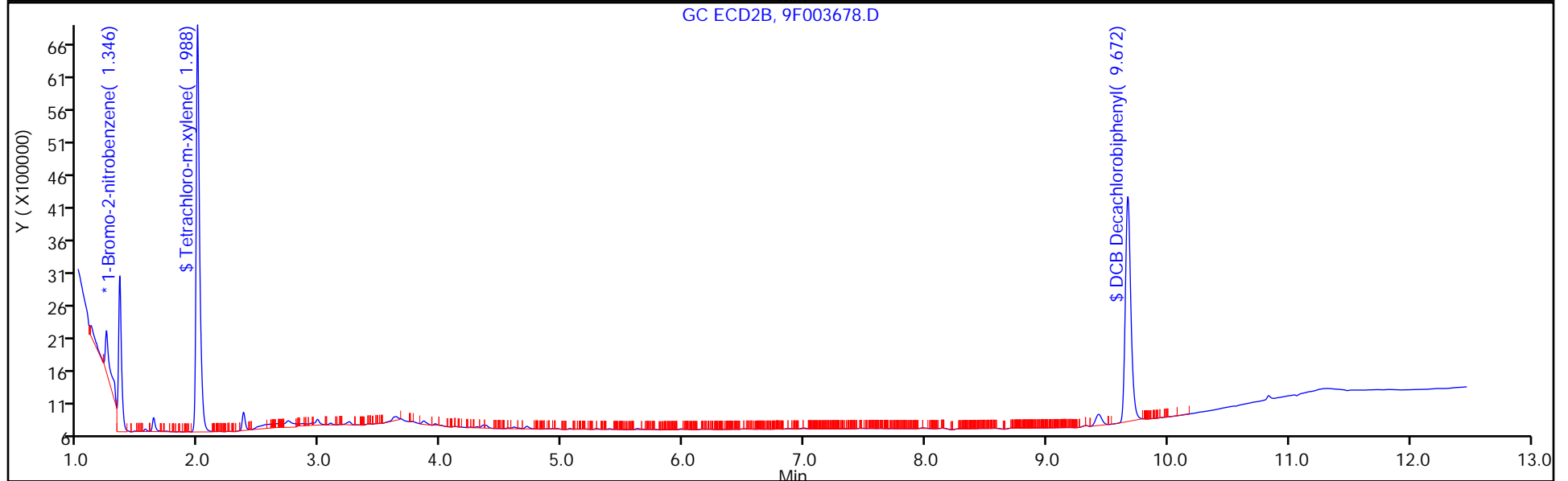
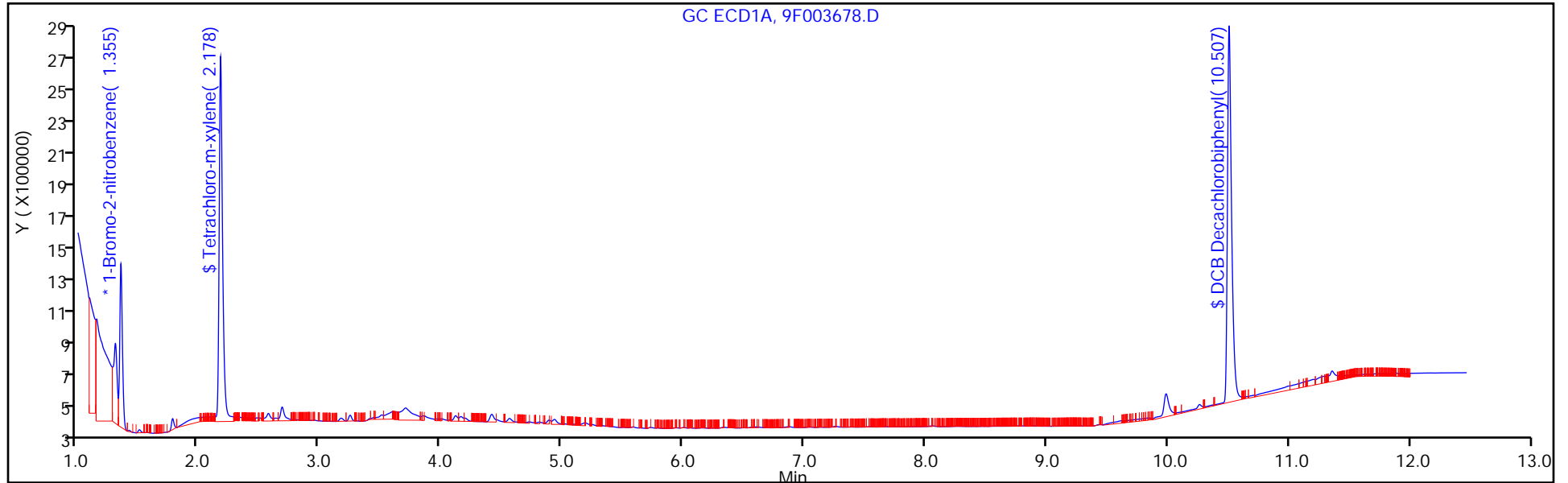
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 59

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

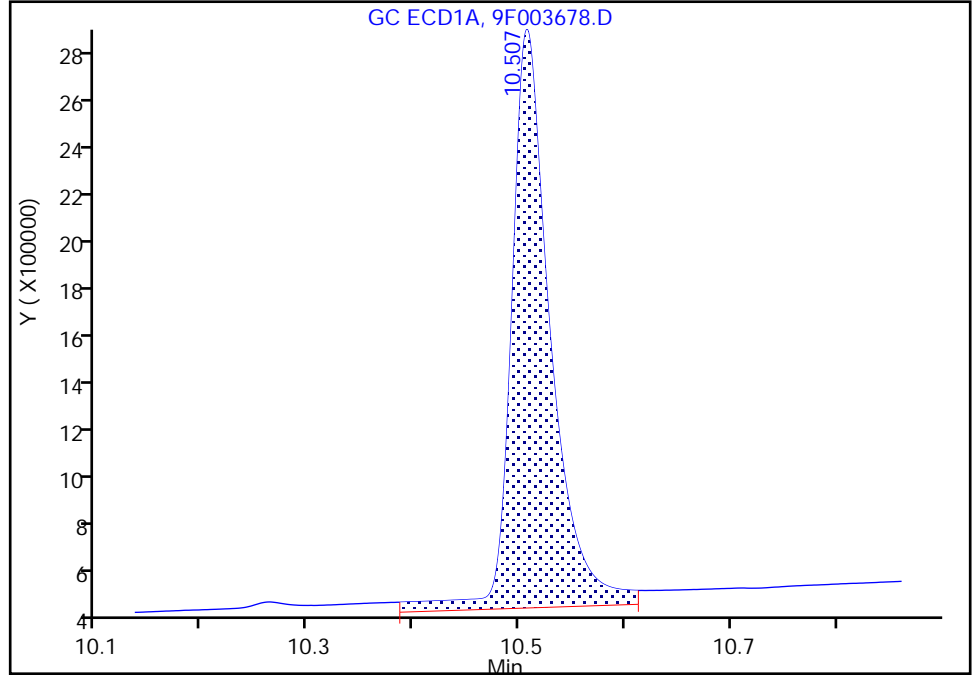
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Injection Date: 28-Feb-2019 01:53:39 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-42-C Lab Sample ID: 460-176080-42  
Client ID: PRA-B9-VD@3-3.5  
Operator ID: ALS Bottle#: 59 Worklist Smp#: 11  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 1

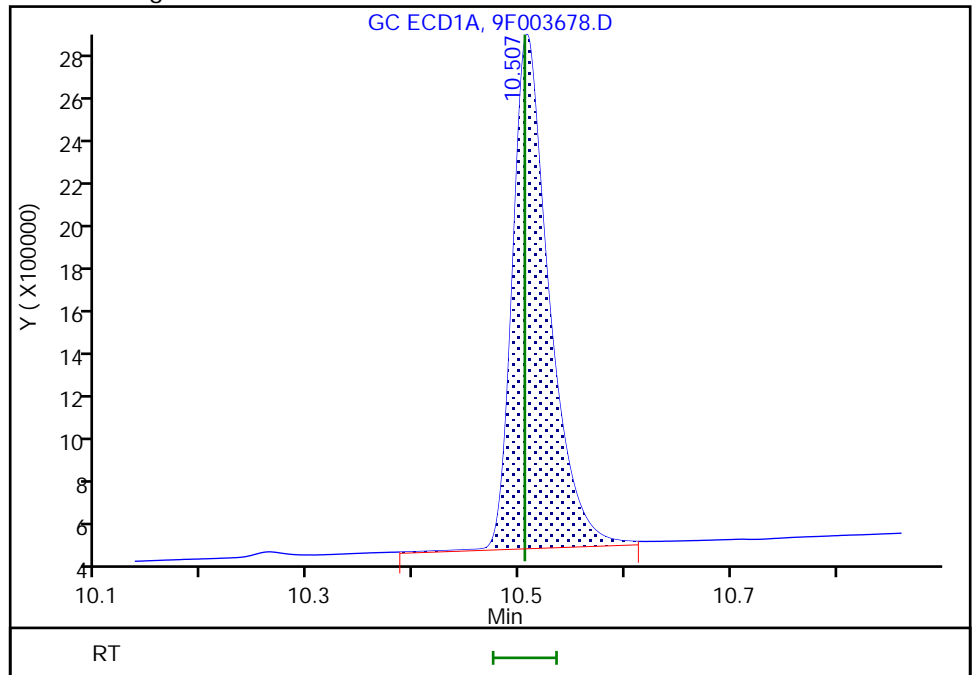
RT: 10.51  
Area: 6075380  
Amount: 75.683209  
Amount Units: ug/l

Processing Integration Results



RT: 10.51  
Area: 5560629  
Amount: 69.270770  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:54:26  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VD@3-3.5 Lab Sample ID: 460-176080-42  
 Matrix: Solid Lab File ID: 9F003678.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:18  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 01:53  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 5.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.4	U	71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	9.7	U F1	71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003678.D  
 Lims ID: 460-176080-A-42-C  
 Client ID: PRA-B9-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 01:53:39 ALS Bottle#: 59 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-011  
 Operator ID: Instrument ID: CPESTGC9

Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D

Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 07:54:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1553913 20.0  
 2 1.346 1.342 0.004 4111868 20.0 M  
 RPD = 0.00

\$ 2 Tetrachloro-m-xylene  
 1 2.178 2.176 0.002 4483564 55.8  
 2 1.988 1.985 0.003 12567136 57.8  
 RPD = 3.48

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003678.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl						M
1	10.507	10.505	0.002	5560629	69.3	M
2	9.672	9.667	0.005	10968890	66.9	
					RPD = 3.51	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013                      Amount Added: 20.00                      Units: uL                      Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003678.D

Injection Date: 28-Feb-2019 01:53:39

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-42-C

Lab Sample ID: 460-176080-42

Worklist Smp#: 11

Client ID: PRA-B9-VD@3-3.5

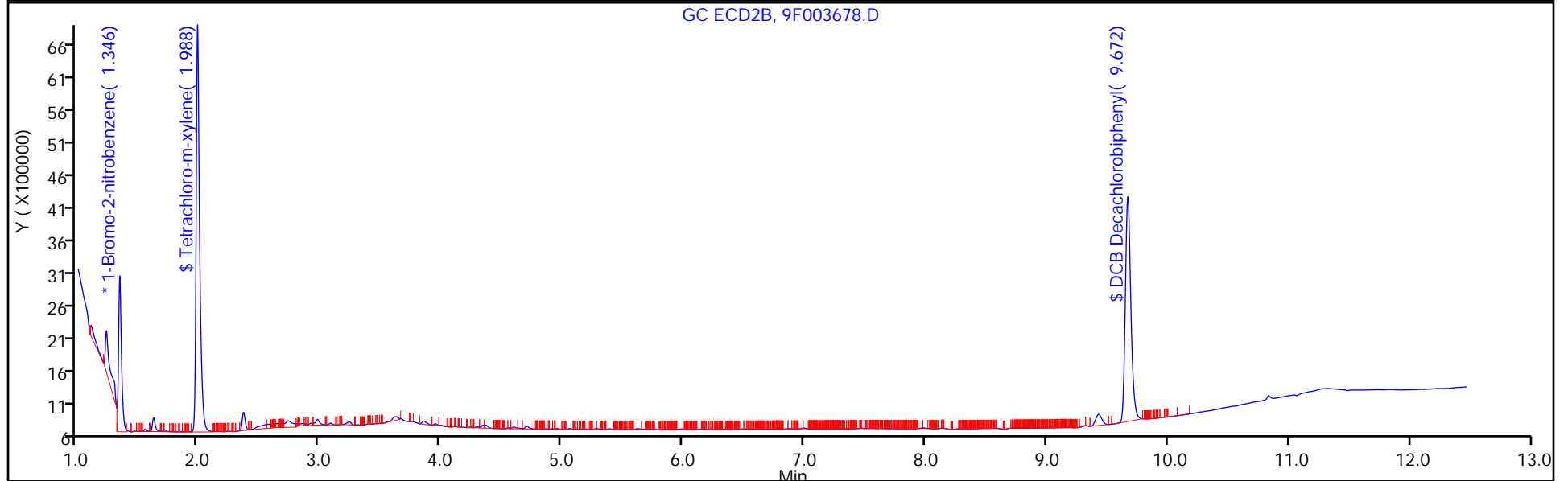
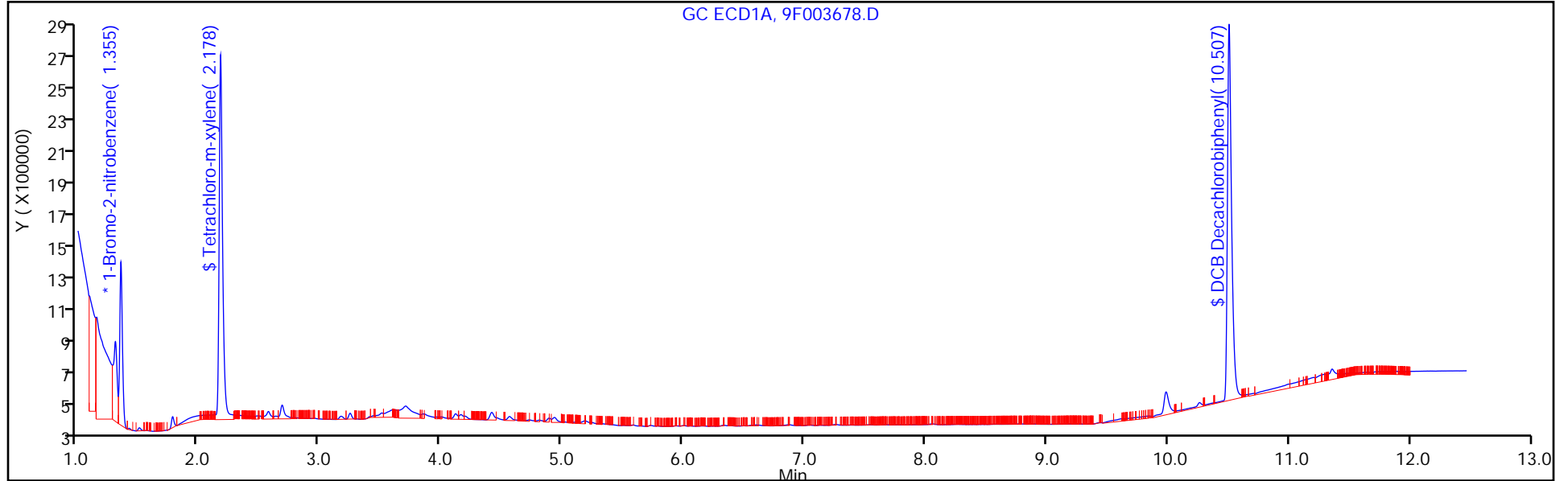
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 59

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



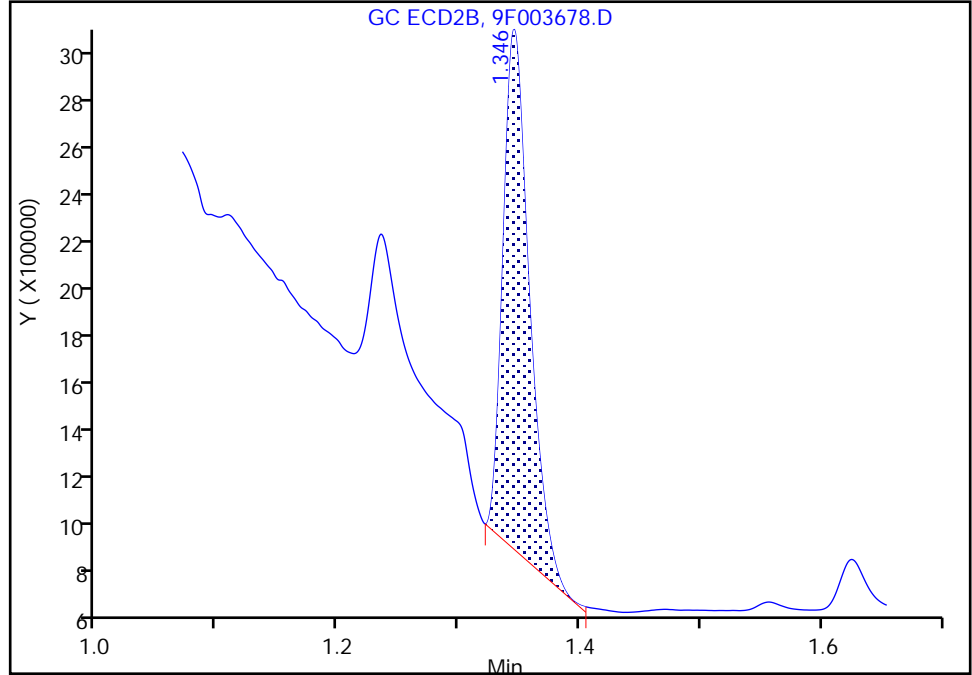
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003678.D  
Injection Date: 28-Feb-2019 01:53:39 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-42-C Lab Sample ID: 460-176080-42  
Client ID: PRA-B9-VD@3-3.5  
Operator ID: ALS Bottle#: 59 Worklist Smp#: 11  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

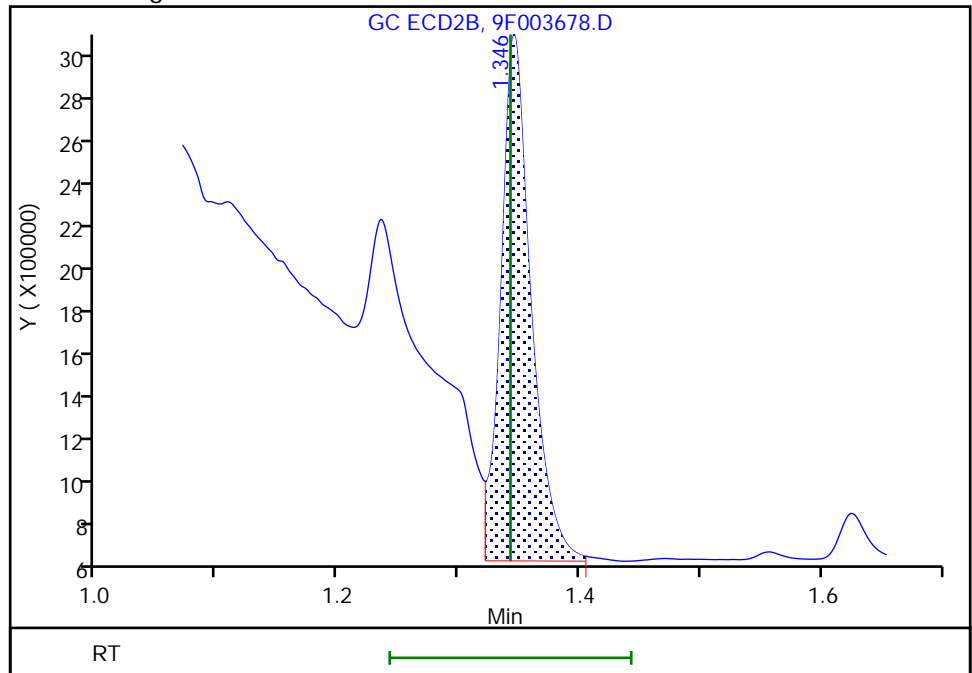
RT: 1.35  
Area: 3215610  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 4111868  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:53:37  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-WT@8-8.5 Lab Sample ID: 460-176080-43  
 Matrix: Solid Lab File ID: T155909.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:20  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 12:05  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 10  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 11.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D  
 Lims ID: 460-176080-A-43-A  
 Client ID: PRA-B9-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 12:05:15 ALS Bottle#: 79 Worklist Smp#: 39  
 Injection Vol: 1.0 ul Dil. Factor: 10.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:01:46 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 13:01:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M

1	1.184	1.185	-0.001	16614721	20.0	M
2	1.335	1.332	0.003	14299857	20.0	M

RPD = 0.00

4 PCB-1242 M

1	2.354	2.353	0.001	13975324	1119.0	M
1	2.778	2.777	0.001	38356226	1474.2	
1	3.277	3.277	0.000	86484449	1462.9	
1	3.421	3.421	0.000	33670385	1454.5	
1	3.529	3.528	0.001	23801863	1339.2	
1	4.090	4.090	0.000	32719465	1471.5	M
1	4.411	4.411	0.000	28428042	1407.7	M
1	4.454	4.456	-0.002	35001768	1558.2	M

Average of Peak Amounts = 1410.9

2	2.344	2.344	0.000	12542601	1142.4	M
2	2.716	2.716	0.000	33607230	1618.5	M
2	2.930	2.929	0.001	23373584	1670.1	M
2	3.221	3.221	0.000	74551862	1625.4	
2	3.368	3.368	0.000	30146987	1606.3	
2	3.833	3.833	0.000	32598292	1628.8	
2	4.323	4.323	0.000	48557279	1605.5	M
2	4.576	4.576	0.000	22613705	1944.5	

Average of Peak Amounts = 1605.2

RPD = 12.88

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

8 PCB-1260						M
1	5.263	5.272	-0.009	9022015	382.3	M
1	5.445	5.455	-0.010	14980589	328.0	M
1	5.739	5.750	-0.011	20164003	325.6	M
1	6.359	6.368	-0.009	15942508	350.2	
1	6.794	6.803	-0.009	14413700	347.7	
1	7.264	7.276	-0.012	37302527	337.2	
1	7.908	7.919	-0.011	25861434	329.9	
1	9.169	9.176	-0.007	10709075	363.7	
Average of Peak Amounts =					345.6	
2	5.255	5.257	-0.002	12927245	375.5	M
2	5.951	5.956	-0.005	22897116	365.0	M
2	6.119	6.122	-0.003	12723394	433.4	M
2	6.467	6.472	-0.005	13039240	409.5	M
2	6.964	6.969	-0.005	33031093	459.7	M
2	7.434	7.439	-0.005	14686852	374.9	M
2	7.593	7.597	-0.004	9501421	483.2	M
2	8.661	8.666	-0.005	8606538	451.9	M
Average of Peak Amounts =					419.1	
					RPD = 19.24	

\$ 11 DCB Decachlorobiphenyl						
1	10.059	10.068	-0.009	4421841	4.97	
2	9.635	9.642	-0.007	4204765	6.29	
					RPD = 23.54	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D

Injection Date: 28-Feb-2019 12:05:15

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-43-A

Lab Sample ID: 460-176080-43

Worklist Smp#: 39

Client ID: PRA-B9-WT@8-8.5

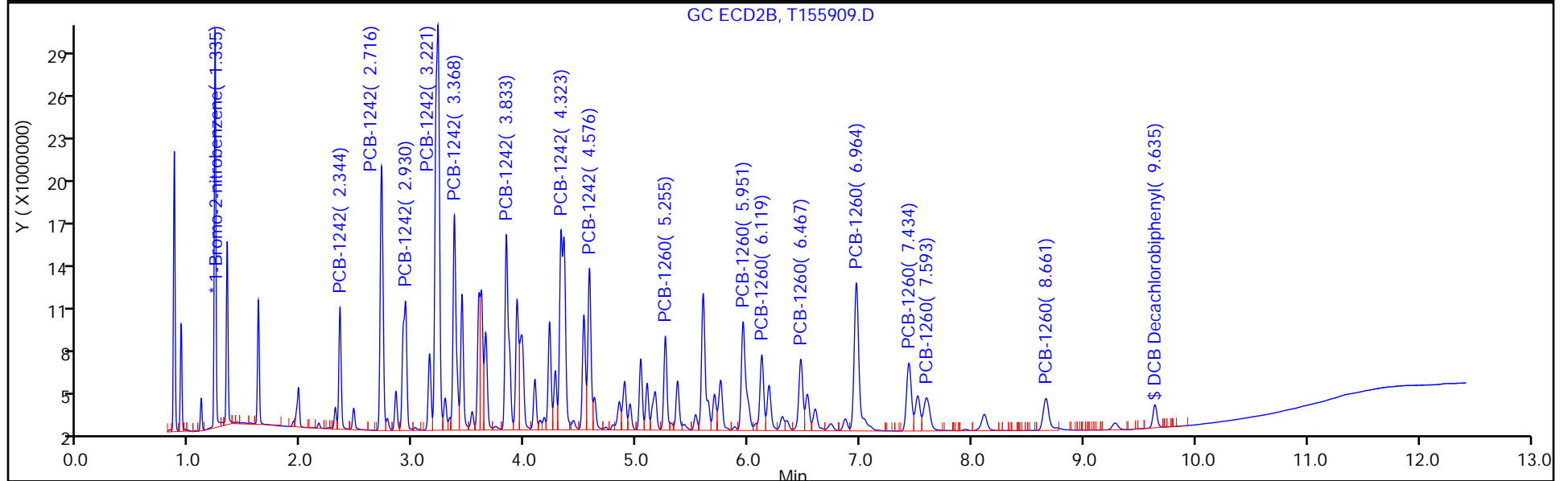
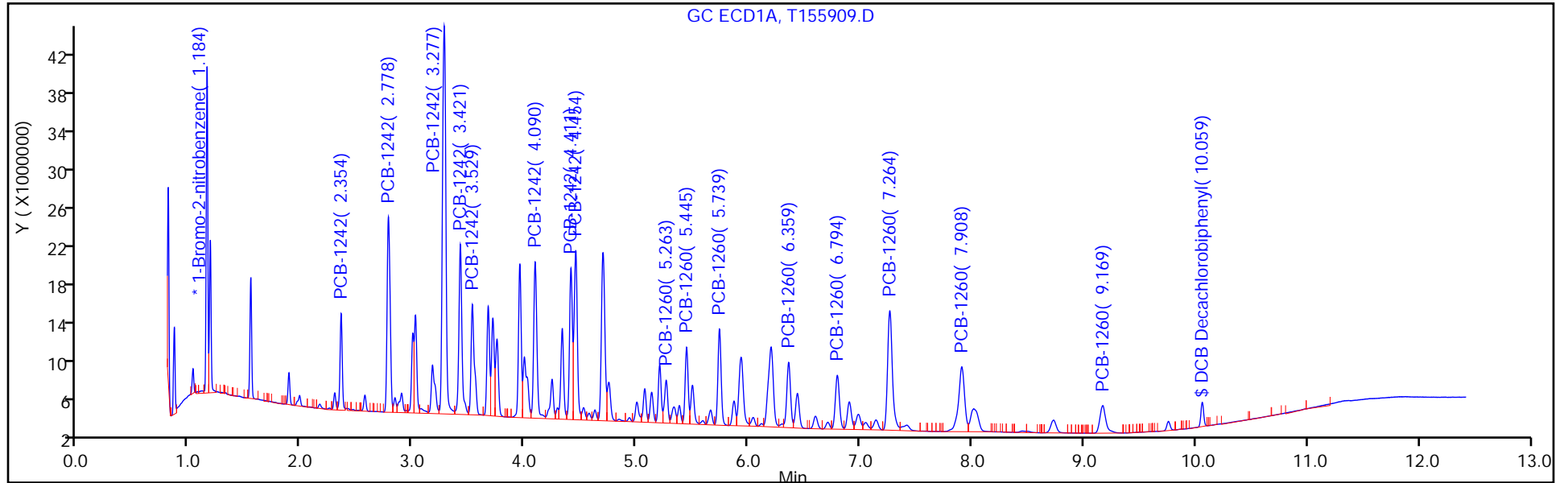
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 79

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D

Injection Date: 28-Feb-2019 12:05:15

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-43-A

Lab Sample ID: 460-176080-43

Client ID: PRA-B9-WT@8-8.5

Operator ID:

ALS Bottle#: 79 Worklist Smp#: 39

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

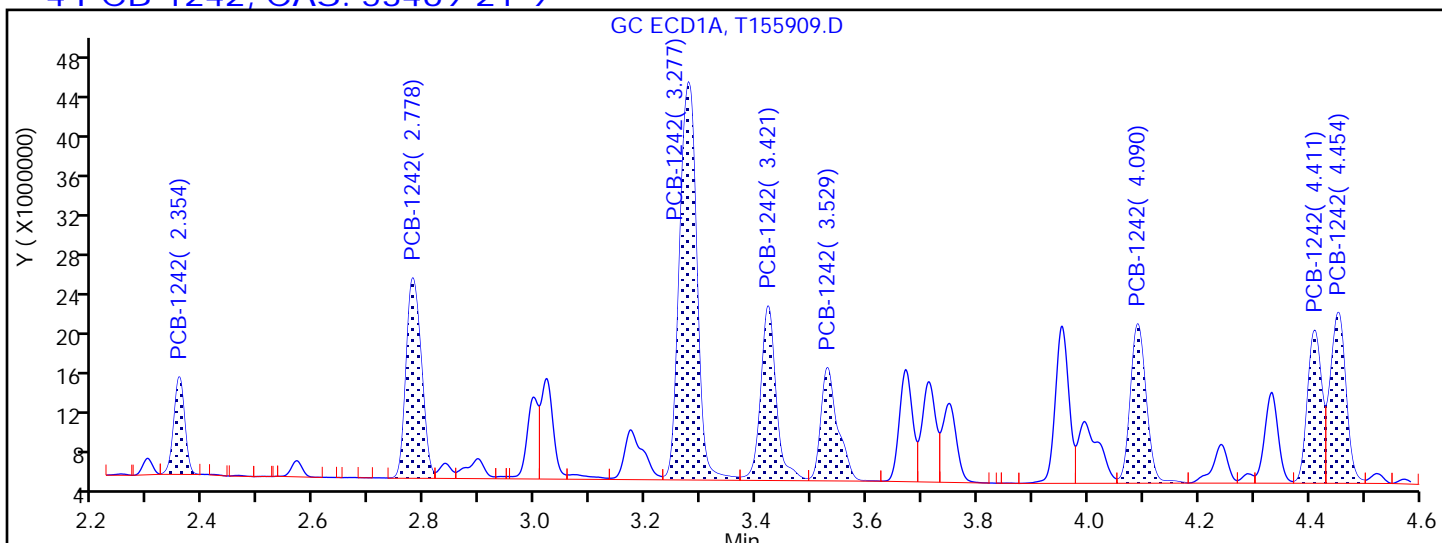
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

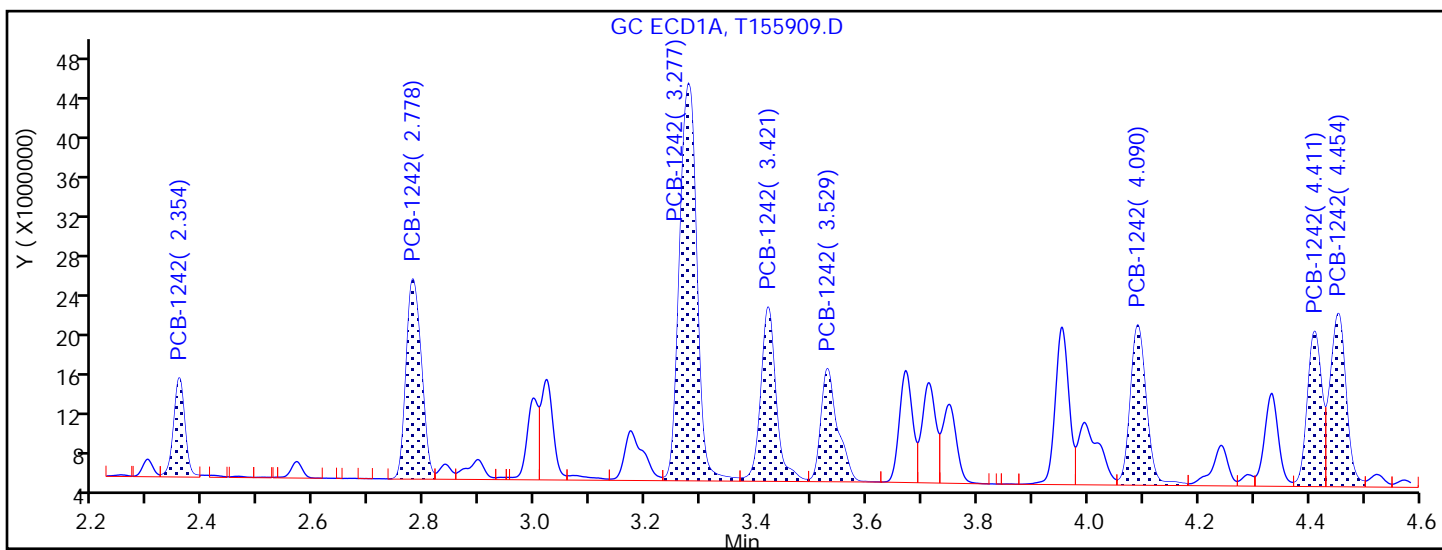
Detector GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.354	Response = 13224696
2.778	Response = 38356226
3.277	Response = 86484449
3.421	Response = 33670385
3.529	Response = 23801863
4.090	Response = 31716374
4.411	Response = 27563113
4.454	Response = 33846747



Manual Integration Results

2.354	Response = 13975324	M
2.778	Response = 38356226	
3.277	Response = 86484449	
3.421	Response = 33670385	
3.529	Response = 23801863	
4.090	Response = 32719465	M

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D

Injection Date: 28-Feb-2019 12:05:15

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-43-A

Lab Sample ID: 460-176080-43

Client ID: PRA-B9-WT@8-8.5

Operator ID:

ALS Bottle#: 79 Worklist Smp#: 39

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

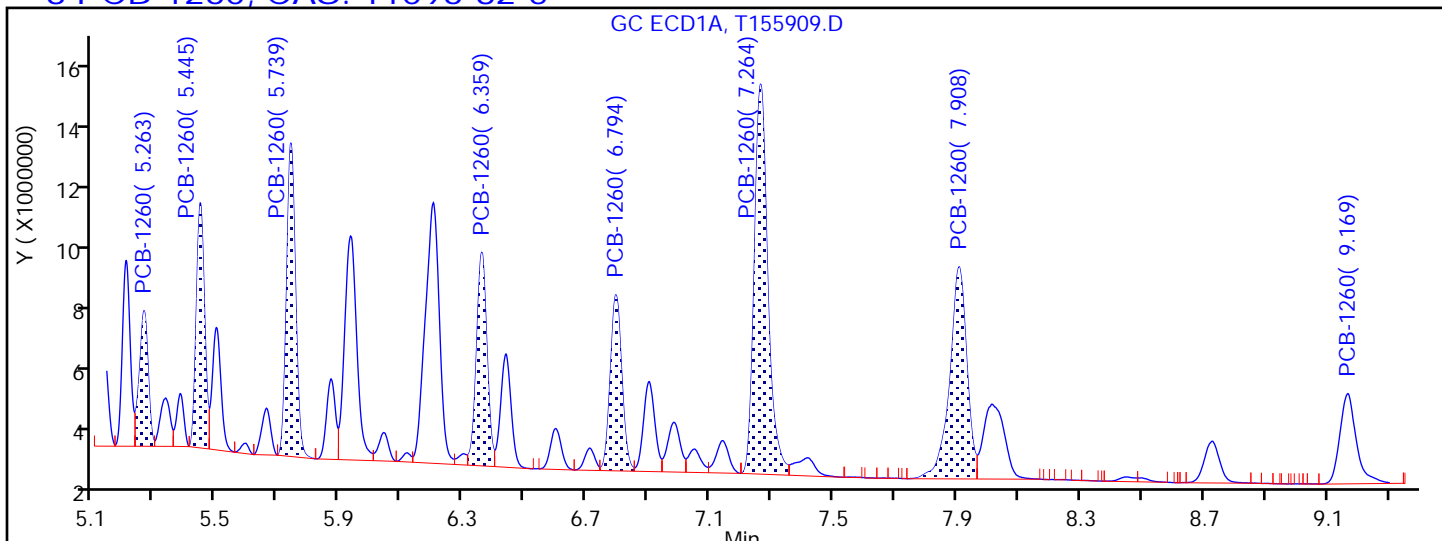
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

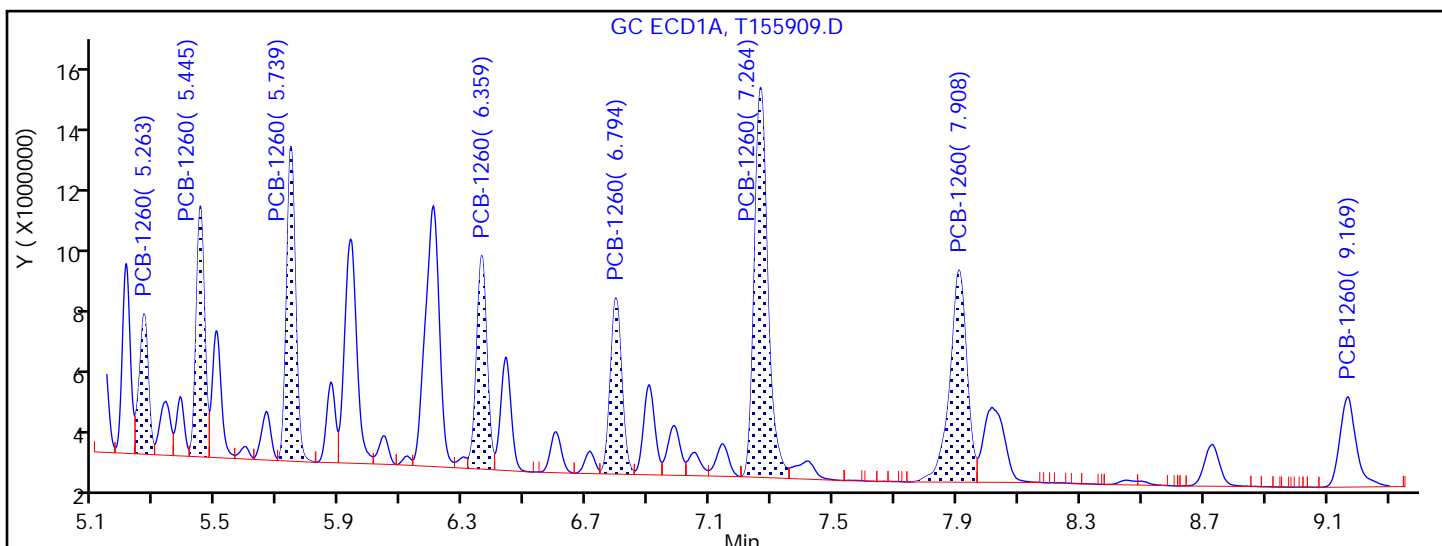
Detector: GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.263	Response = 8457572
5.445	Response = 14269256
5.739	Response = 19892664
6.359	Response = 15942508
6.794	Response = 14413700
7.264	Response = 37302527
7.908	Response = 25861434
9.169	Response = 10709075



Manual Integration Results

5.263	Response = 9022015	M
5.445	Response = 14980589	M
5.739	Response = 20164003	M
6.359	Response = 15942508	
6.794	Response = 14413700	
7.264	Response = 37302527	



TestAmerica Edison

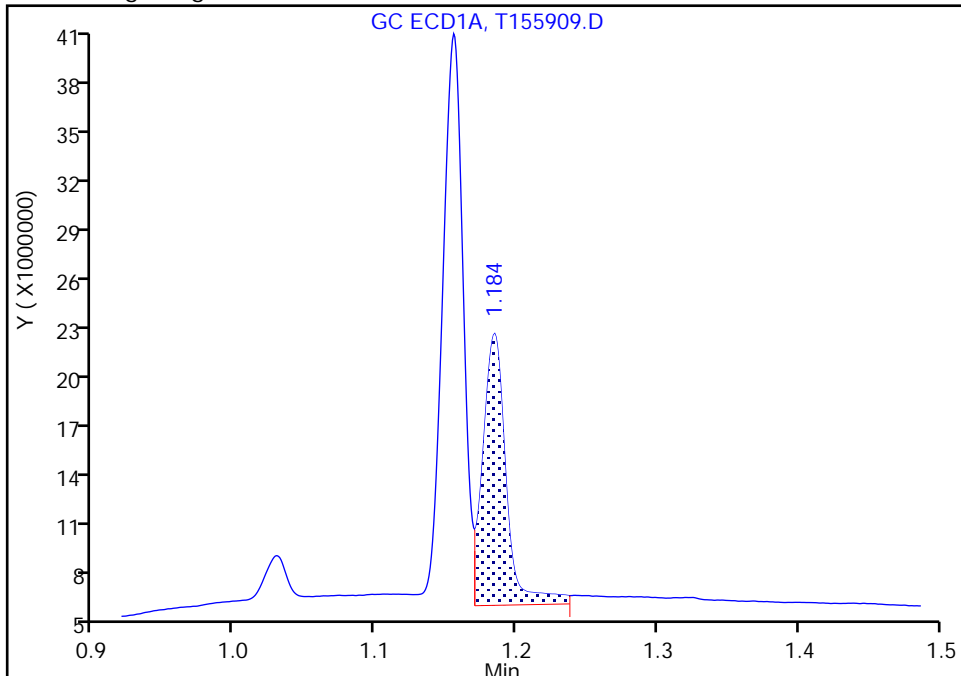
Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D  
Injection Date: 28-Feb-2019 12:05:15 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-43-A Lab Sample ID: 460-176080-43  
Client ID: PRA-B9-WT@8-8.5  
Operator ID: ALS Bottle#: 79 Worklist Smp#: 39  
Injection Vol: 1.0 ul Dil. Factor: 10.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

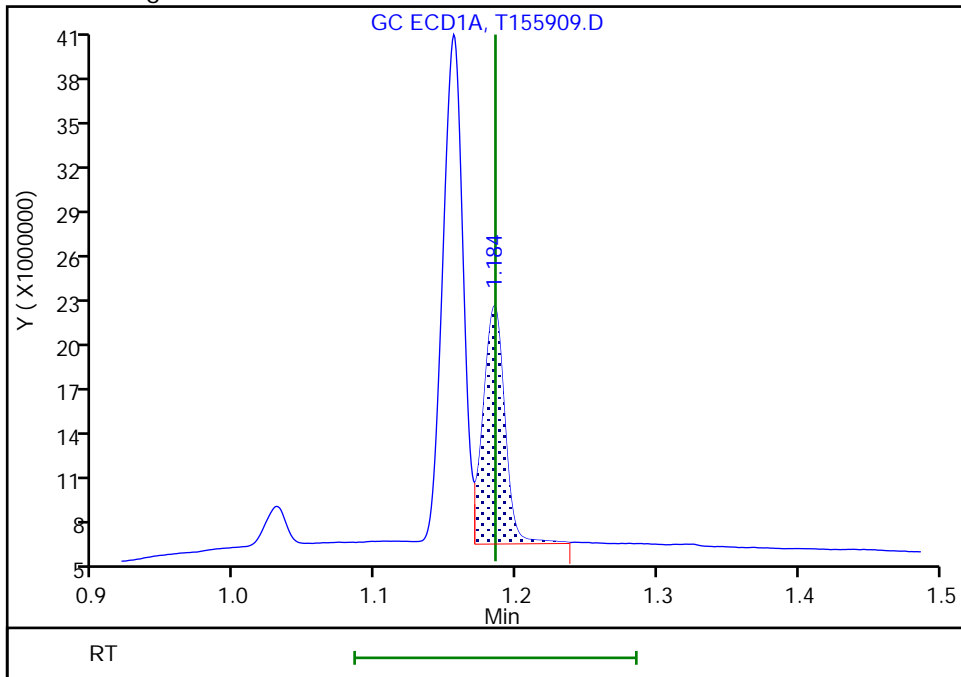
RT: 1.18  
Area: 18477280  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.18  
Area: 16614721  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 11:44:09  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-WT@8-8.5 Lab Sample ID: 460-176080-43  
 Matrix: Solid Lab File ID: T155909.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:20  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 12:05  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 10  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 11.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	100	U	760	100
11104-28-2	Aroclor 1221	100	U	760	100
11141-16-5	Aroclor 1232	100	U	760	100
53469-21-9	Aroclor 1242	12000		760	100
12672-29-6	Aroclor 1248	100	U	760	100
11097-69-1	Aroclor 1254	100	U	760	100
11096-82-5	Aroclor 1260	3200		760	100
37324-23-5	Aroclor 1262	100	U	760	100
11100-14-4	Aroclor 1268	100	U	760	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D  
 Lims ID: 460-176080-A-43-A  
 Client ID: PRA-B9-WT@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 12:05:15 ALS Bottle#: 79 Worklist Smp#: 39  
 Injection Vol: 1.0 ul Dil. Factor: 10.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:01:46 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 13:01:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene M						
1	1.184	1.185	-0.001	16614721	20.0	M
2	1.335	1.332	0.003	14299857	20.0	M
					RPD = 0.00	
4 PCB-1242 M						
1	2.354	2.353	0.001	13975324	1119.0	M
1	2.778	2.777	0.001	38356226	1474.2	
1	3.277	3.277	0.000	86484449	1462.9	
1	3.421	3.421	0.000	33670385	1454.5	
1	3.529	3.528	0.001	23801863	1339.2	
1	4.090	4.090	0.000	32719465	1471.5	M
1	4.411	4.411	0.000	28428042	1407.7	M
1	4.454	4.456	-0.002	35001768	1558.2	M
Average of Peak Amounts =					1410.9	
2	2.344	2.344	0.000	12542601	1142.4	M
2	2.716	2.716	0.000	33607230	1618.5	M
2	2.930	2.929	0.001	23373584	1670.1	M
2	3.221	3.221	0.000	74551862	1625.4	
2	3.368	3.368	0.000	30146987	1606.3	
2	3.833	3.833	0.000	32598292	1628.8	
2	4.323	4.323	0.000	48557279	1605.5	M
2	4.576	4.576	0.000	22613705	1944.5	
Average of Peak Amounts =					1605.2	
					RPD = 12.88	

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

8 PCB-1260						M
1	5.263	5.272	-0.009	9022015	382.3	M
1	5.445	5.455	-0.010	14980589	328.0	M
1	5.739	5.750	-0.011	20164003	325.6	M
1	6.359	6.368	-0.009	15942508	350.2	
1	6.794	6.803	-0.009	14413700	347.7	
1	7.264	7.276	-0.012	37302527	337.2	
1	7.908	7.919	-0.011	25861434	329.9	
1	9.169	9.176	-0.007	10709075	363.7	
Average of Peak Amounts =					345.6	
2	5.255	5.257	-0.002	12927245	375.5	M
2	5.951	5.956	-0.005	22897116	365.0	M
2	6.119	6.122	-0.003	12723394	433.4	M
2	6.467	6.472	-0.005	13039240	409.5	M
2	6.964	6.969	-0.005	33031093	459.7	M
2	7.434	7.439	-0.005	14686852	374.9	M
2	7.593	7.597	-0.004	9501421	483.2	M
2	8.661	8.666	-0.005	8606538	451.9	M
Average of Peak Amounts =					419.1	
					RPD = 19.24	

\$ 11 DCB Decachlorobiphenyl

1	10.059	10.068	-0.009	4421841	4.97	
2	9.635	9.642	-0.007	4204765	6.29	
					RPD = 23.54	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D

Injection Date: 28-Feb-2019 12:05:15

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-176080-A-43-A

Lab Sample ID: 460-176080-43

Worklist Smp#: 39

Client ID: PRA-B9-WT@8-8.5

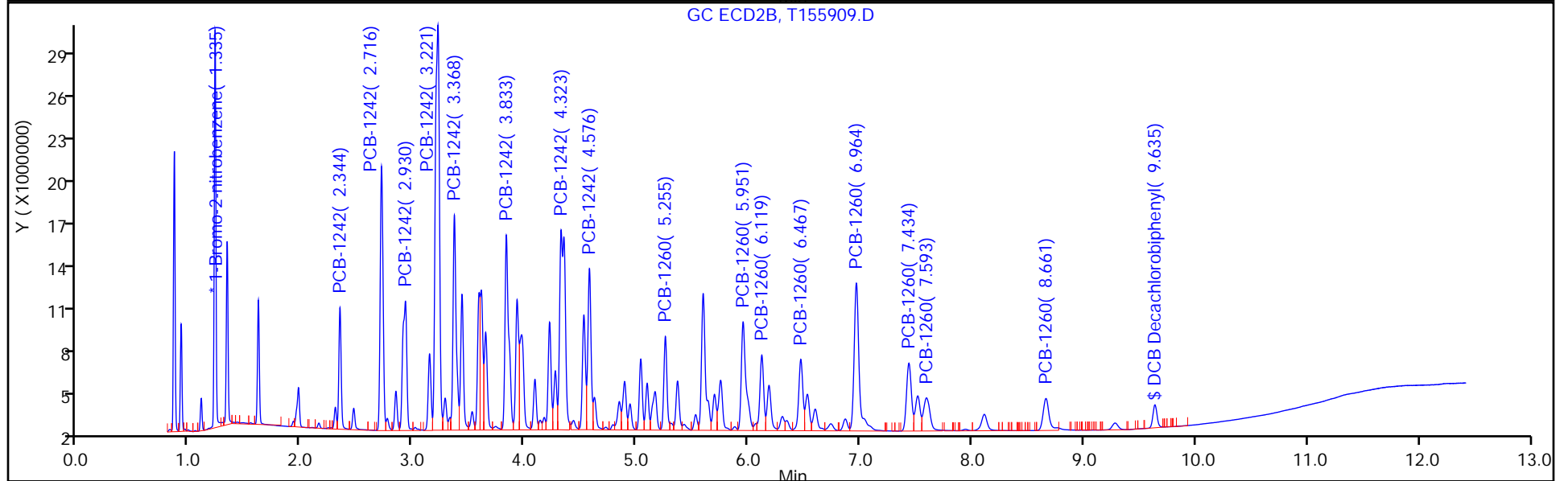
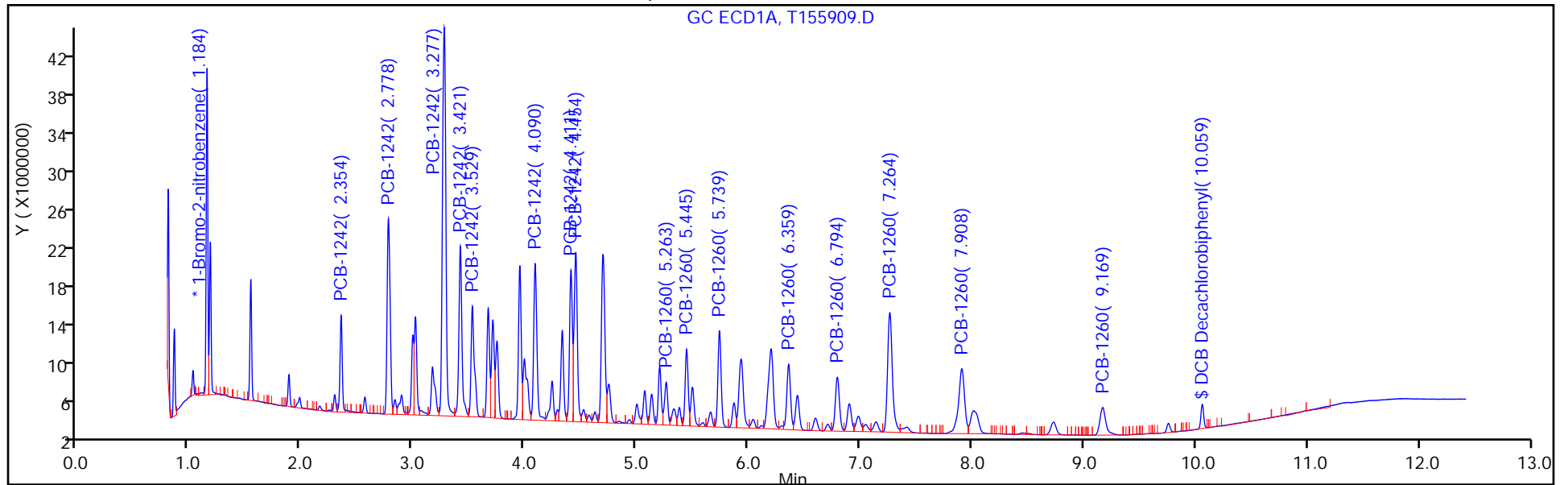
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 79

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D

Injection Date: 28-Feb-2019 12:05:15

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-43-A

Lab Sample ID: 460-176080-43

Client ID: PRA-B9-WT@8-8.5

Operator ID:

ALS Bottle#: 79 Worklist Smp#: 39

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

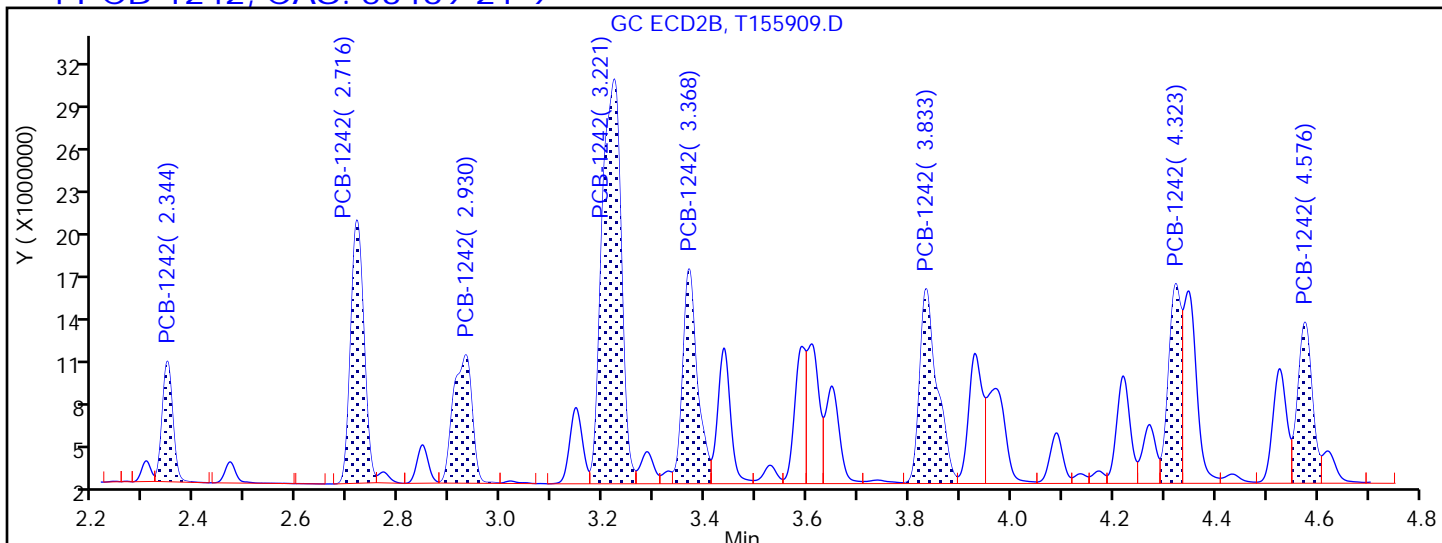
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

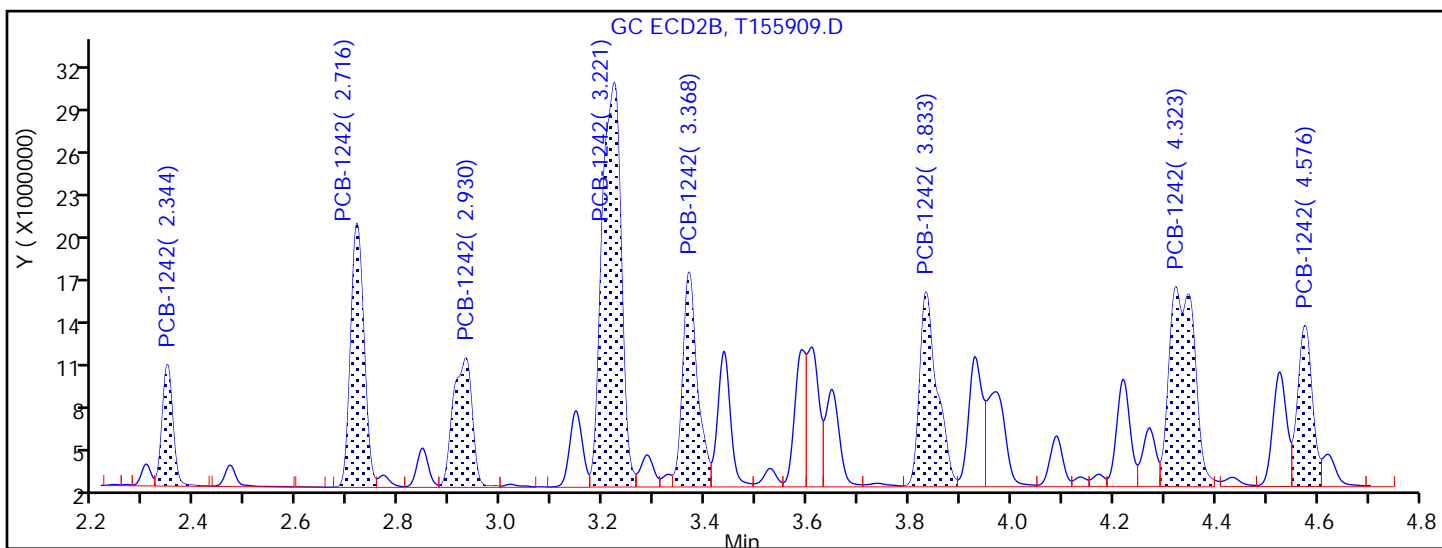
Detector GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.344	Response = 12166259
2.716	Response = 33320609
2.930	Response = 22941811
3.221	Response = 74551862
3.368	Response = 30146987
3.833	Response = 32598292
4.323	Response = 24324985
4.576	Response = 22613705



Manual Integration Results

2.344	Response = 12542601	M
2.716	Response = 33607230	M
2.930	Response = 23373584	M
3.221	Response = 74551862	
3.368	Response = 30146987	
3.833	Response = 32598292	

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D

Injection Date: 28-Feb-2019 12:05:15

Instrument ID: CPESTGC11

Lims ID: 460-176080-A-43-A

Lab Sample ID: 460-176080-43

Client ID: PRA-B9-WT@8-8.5

Operator ID:

ALS Bottle#: 79 Worklist Smp#: 39

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

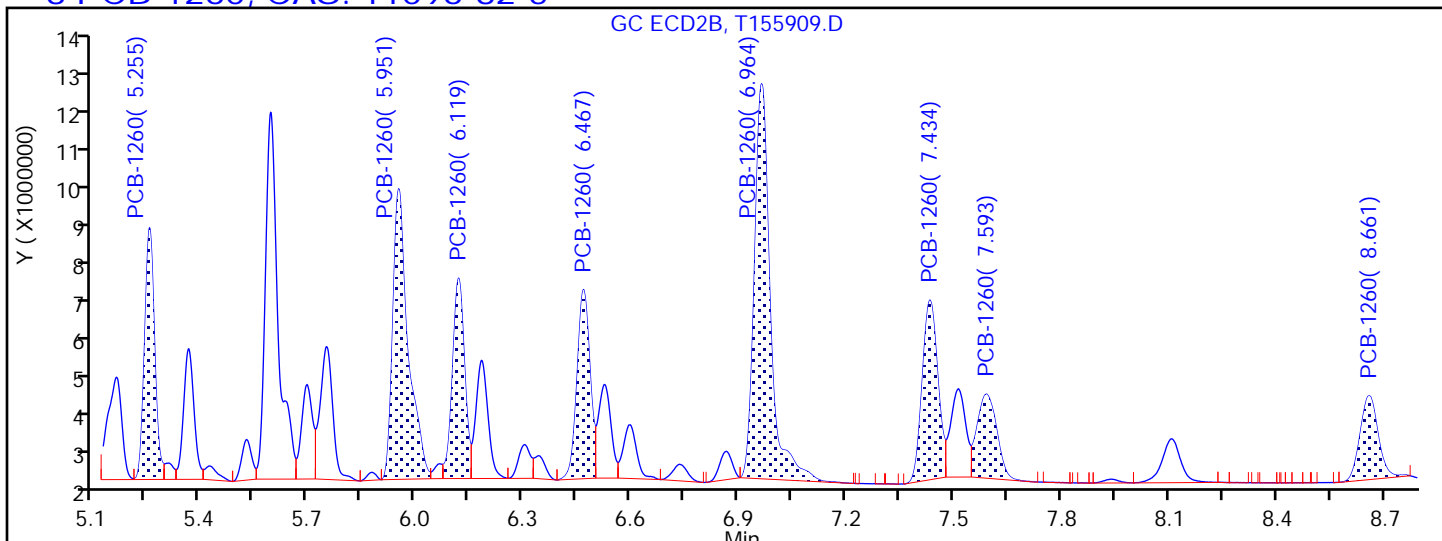
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

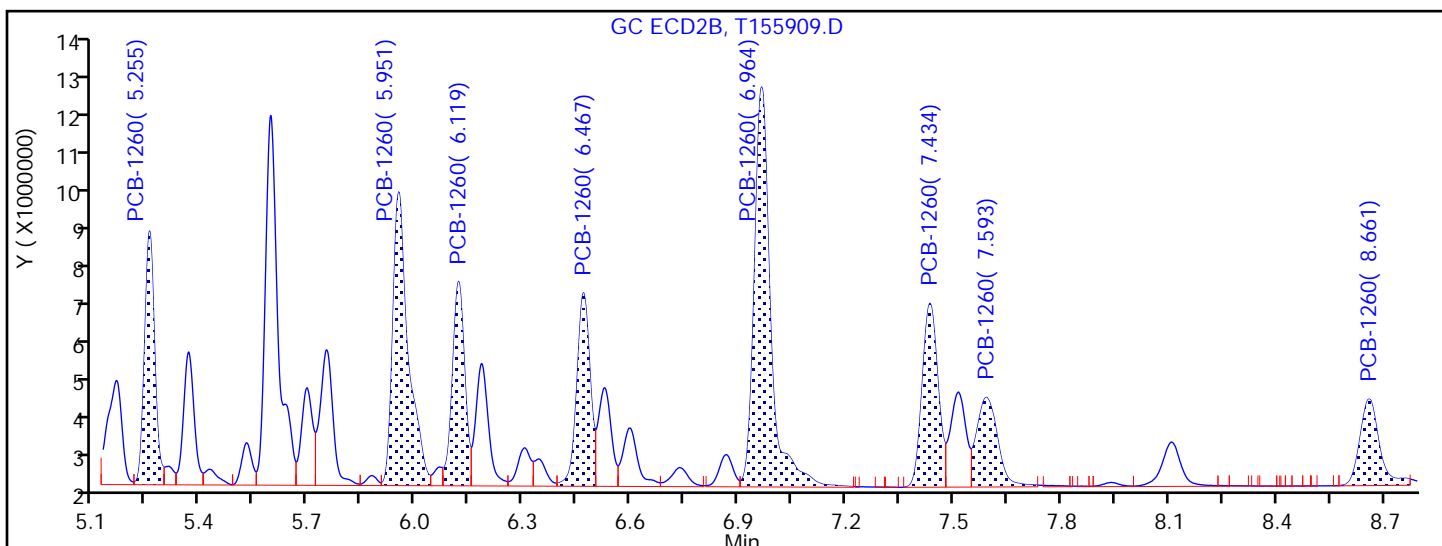
Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.255	Response = 12664309
5.951	Response = 22211925
6.119	Response = 12222908
6.467	Response = 12376796
6.964	Response = 31458226
7.434	Response = 14074750
7.593	Response = 8333851
8.661	Response = 7612073



Manual Integration Results

5.255	Response = 12927245	M
5.951	Response = 22897116	M
6.119	Response = 12723394	M
6.467	Response = 13039240	M
6.964	Response = 33031093	M
7.434	Response = 14686852	M

TestAmerica Edison

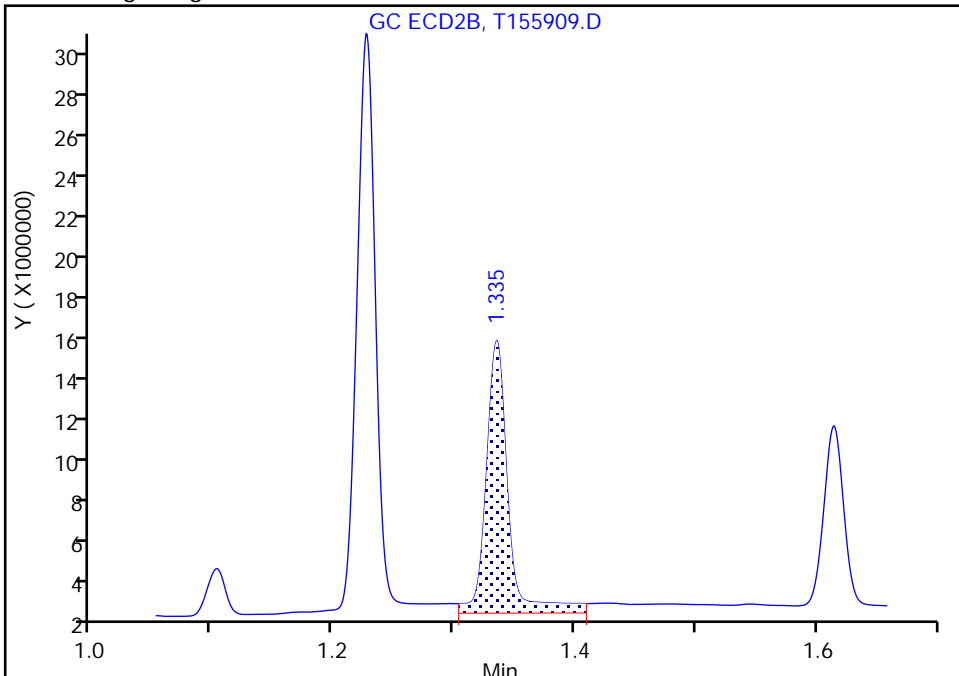
Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155909.D  
Injection Date: 28-Feb-2019 12:05:15 Instrument ID: CPESTGC11  
Lims ID: 460-176080-A-43-A Lab Sample ID: 460-176080-43  
Client ID: PRA-B9-WT@8-8.5  
Operator ID: ALS Bottle#: 79 Worklist Smp#: 39  
Injection Vol: 1.0 ul Dil. Factor: 10.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

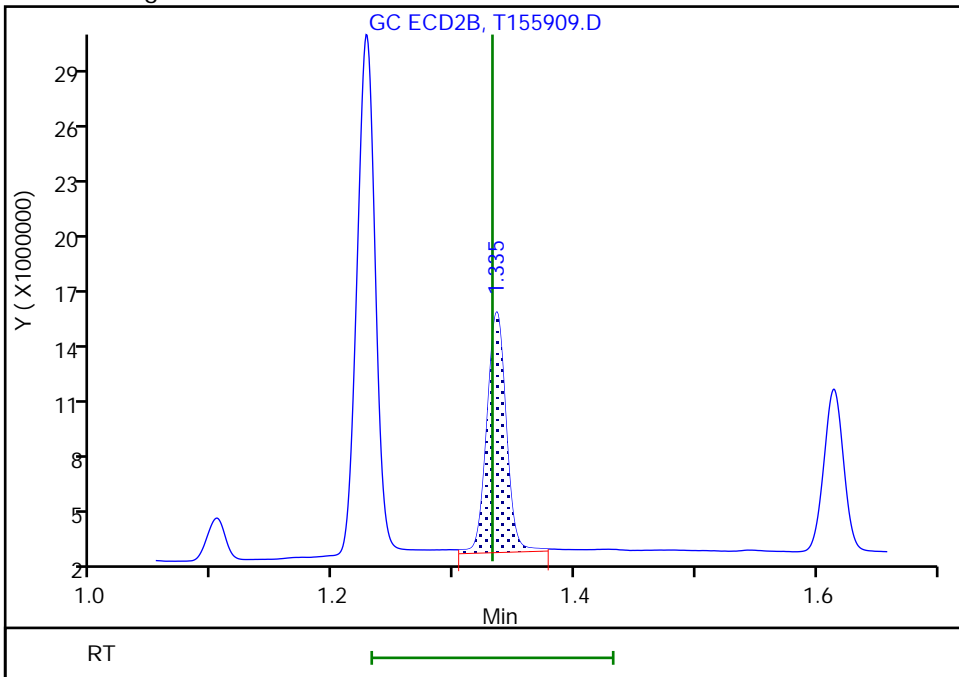
RT: 1.34  
Area: 16599515  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.34  
Area: 14299857  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 13:01:09  
Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-SI@10-10.5 Lab Sample ID: 460-176080-44  
 Matrix: Solid Lab File ID: 9F003693.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:25  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 08:29  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 19.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D  
 Lims ID: 460-176080-A-44-A  
 Client ID: PRA-B9-SI@10-10.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 08:29:46 ALS Bottle#: 74 Worklist Smp#: 26  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-026  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:08:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene M						
1	1.355	1.353	0.002	1541015	20.0	M
2	1.345	1.342	0.003	3414218	20.0	M
					RPD = 0.00	
4 PCB-1242 M						
1	2.710	2.707	0.003	1689696	1124.4	M
1	3.177	3.173	0.004	3302754	1047.4	M
1	3.709	3.706	0.003	5661197	1013.3	M
1	3.864	3.861	0.003	2637785	1020.1	M
1	3.979	3.976	0.003	1869313	1024.2	M
1	4.568	4.565	0.003	2125807	960.0	M
1	4.893	4.891	0.002	1657899	933.0	M
1	4.939	4.937	0.002	2438010	1051.4	M
Average of Peak Amounts =					1021.7	
2	2.362	2.357	0.005	3458697	1042.5	M
2	2.738	2.733	0.005	6599658	1255.1	M
2	2.950	2.945	0.005	4437781	1289.0	M
2	3.243	3.237	0.006	11034674	1226.1	M
2	3.391	3.387	0.004	4844785	1226.6	M
2	3.860	3.855	0.005	5110284	1190.4	M
2	4.372	4.367	0.005	7443365	1173.4	M
2	4.604	4.597	0.007	4455718	1360.1	M
Average of Peak Amounts =					1220.4	
						RPD = 17.72

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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8 PCB-1260						M
1	5.790	5.787	0.003	535286	267.7	M
1	6.006	6.000	0.006	1015413	211.8	M
1	6.334	6.329	0.005	1251916	231.2	M
1	7.043	7.036	0.007	863735	239.8	
1	7.540	7.534	0.006	846227	224.6	
1	8.057	8.052	0.005	1981107	241.2	
1	8.786	8.779	0.007	1431384	228.3	
1	9.906	9.901	0.005	596995	263.1	
Average of Peak Amounts =					238.5	
2	5.286	5.277	0.009	2358033	301.8	M
2	5.984	5.974	0.010	3517062	264.5	M
2	6.152	6.141	0.011	1900259	319.0	M
2	6.503	6.492	0.011	2009254	299.8	M
2	7.000	6.989	0.011	4706259	304.6	M
2	7.471	7.460	0.011	2303927	277.6	M
2	7.631	7.618	0.013	1441052	328.3	M
2	8.701	8.688	0.013	1139387	282.4	
Average of Peak Amounts =					297.2	
					RPD = 21.94	
\$ 11 DCB Decachlorobiphenyl						M
1	10.522	10.505	0.017	5091131	64.0	
2	9.674	9.667	0.007	10155711	74.6	M
					RPD = 15.33	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D

Injection Date: 28-Feb-2019 08:29:46

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-44-A

Lab Sample ID: 460-176080-44

Worklist Smp#: 26

Client ID: PRA-B9-SI@10-10.5

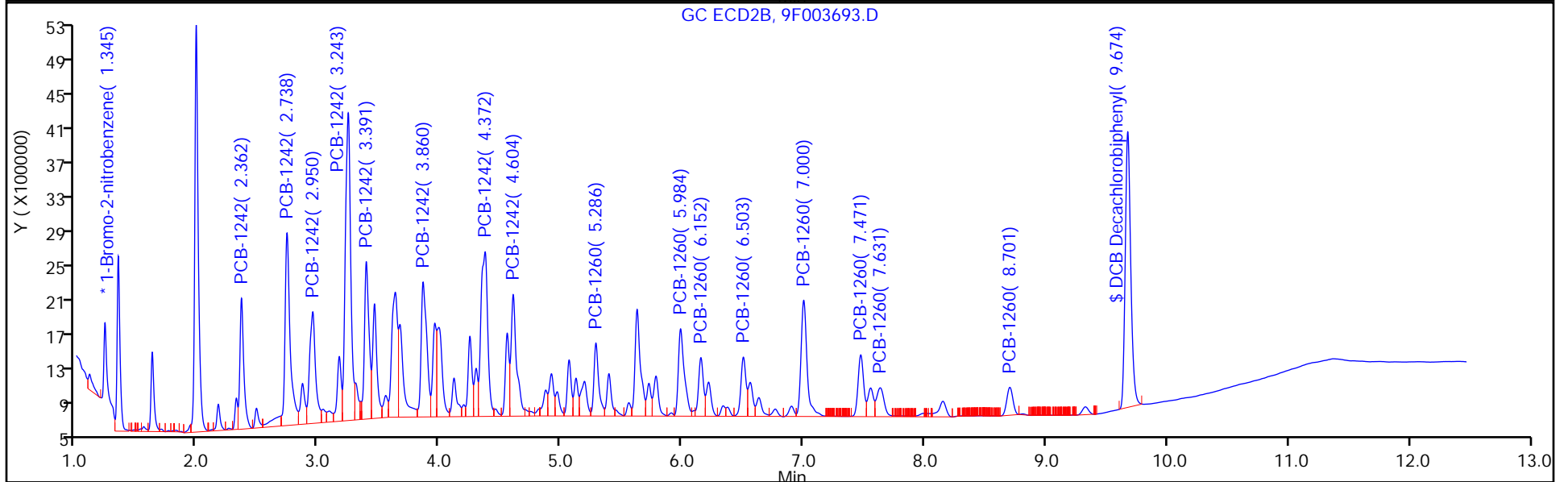
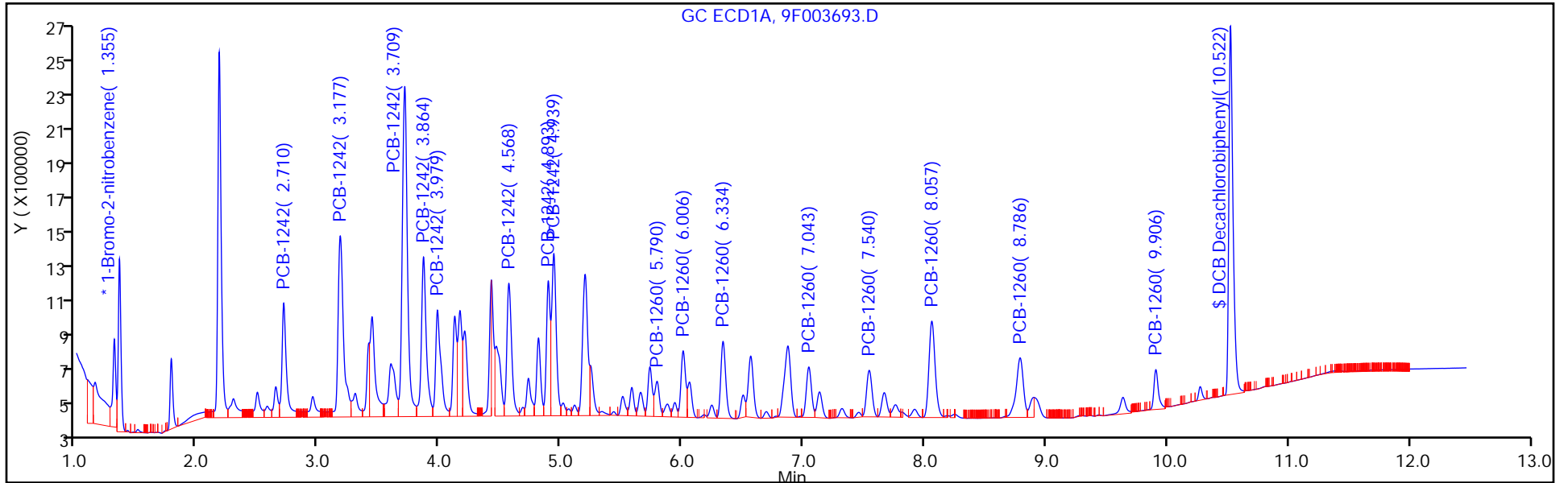
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 74

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D

Injection Date: 28-Feb-2019 08:29:46

Instrument ID: CPESTGC9

Lims ID: 460-176080-A-44-A

Lab Sample ID: 460-176080-44

Client ID: PRA-B9-SI@10-10.5

Operator ID:

ALS Bottle#: 74 Worklist Smp#: 26

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

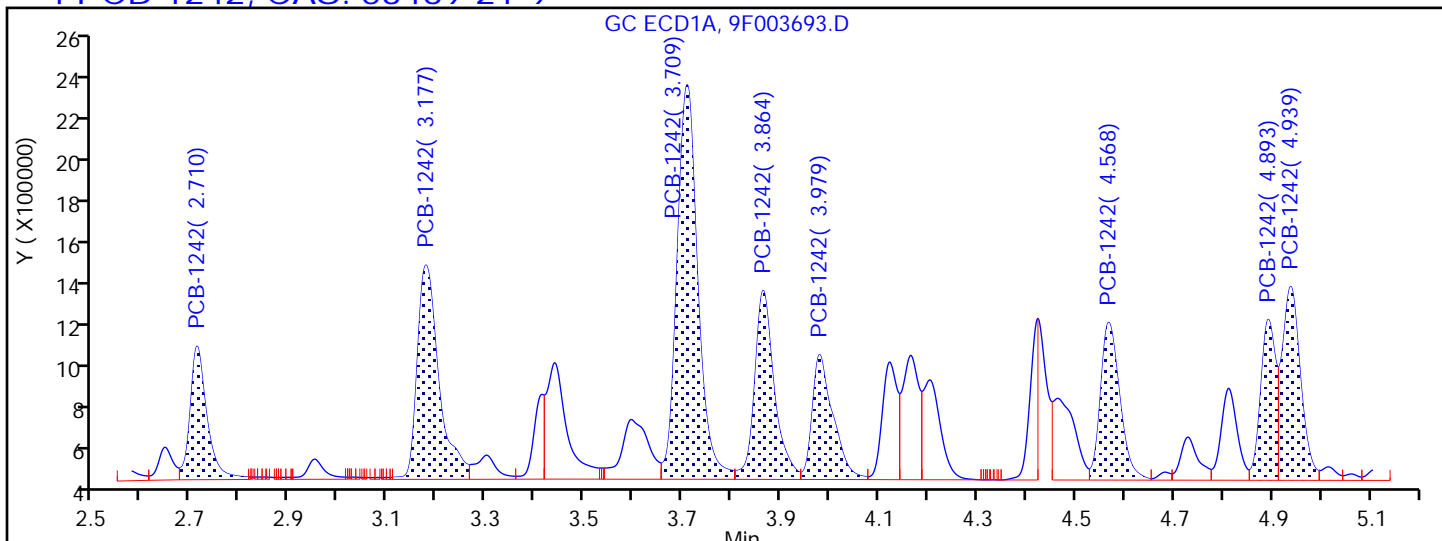
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

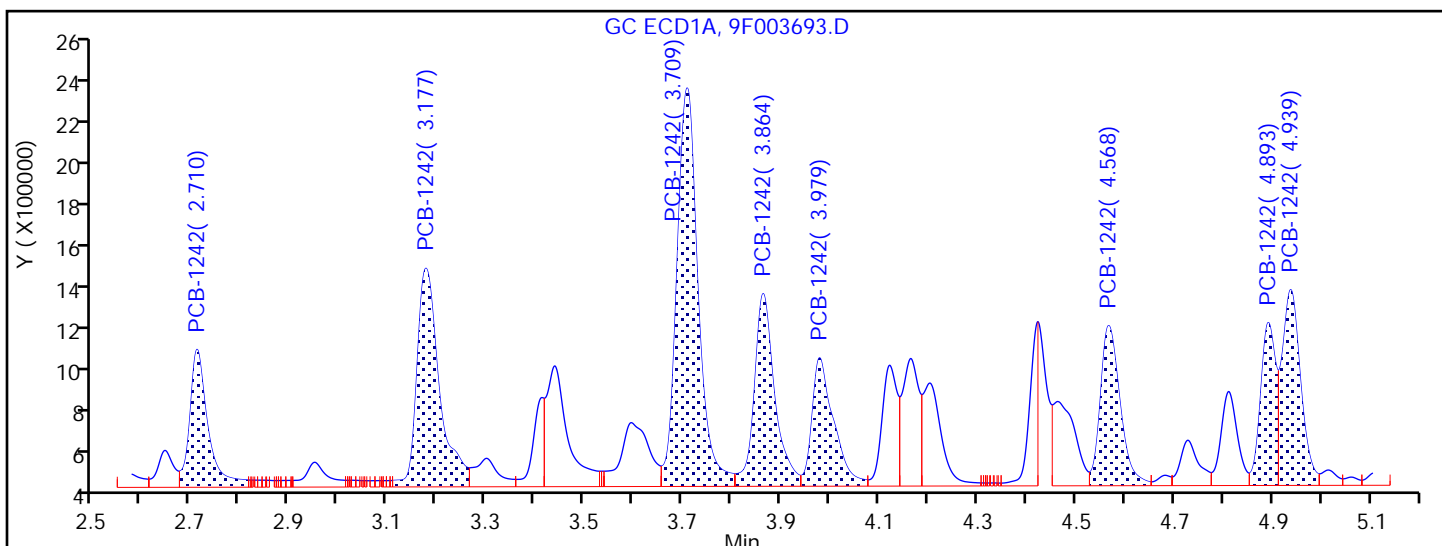
Detector GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.710	Response = 1511448
3.177	Response = 3107413
3.709	Response = 5490571
3.864	Response = 2493787
3.979	Response = 1731947
4.568	Response = 2036856
4.893	Response = 1623260
4.939	Response = 2391685



Manual Integration Results

2.710	Response = 1689696	M
3.177	Response = 3302754	M
3.709	Response = 5661197	M
3.864	Response = 2637785	M
3.979	Response = 1869313	M
4.568	Response = 2125807	M

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D

Injection Date: 28-Feb-2019 08:29:46

Instrument ID: CPESTGC9

Lims ID: 460-176080-A-44-A

Lab Sample ID: 460-176080-44

Client ID: PRA-B9-SI@10-10.5

Operator ID:

ALS Bottle#: 74

Worklist Smp#: 26

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

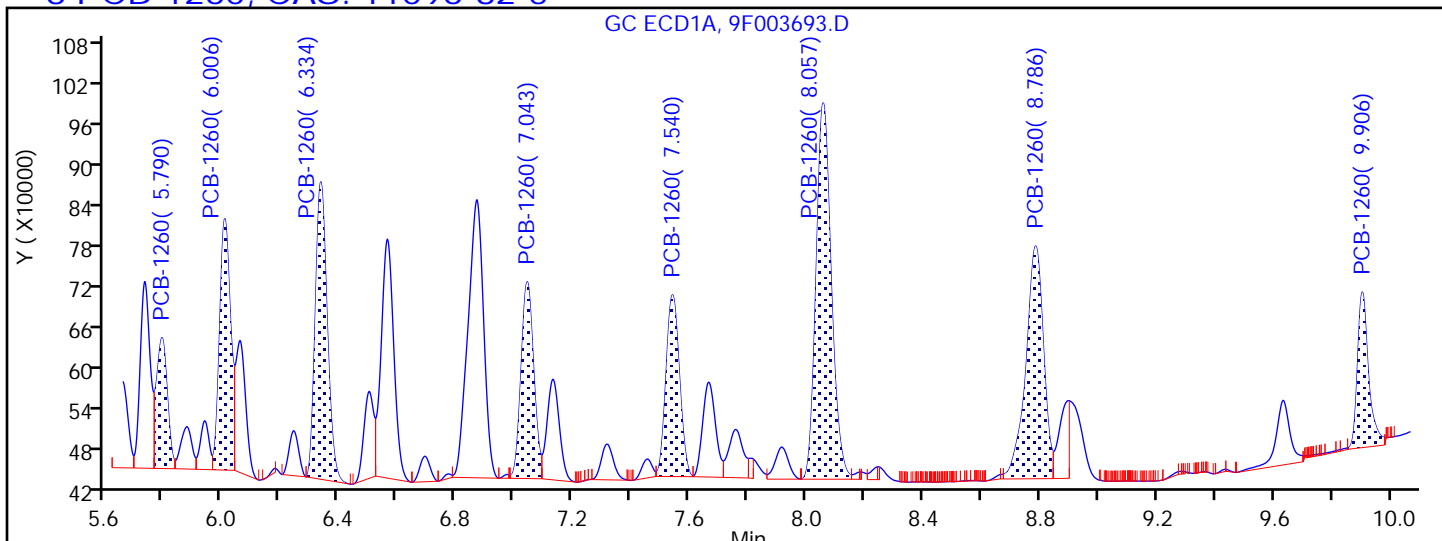
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

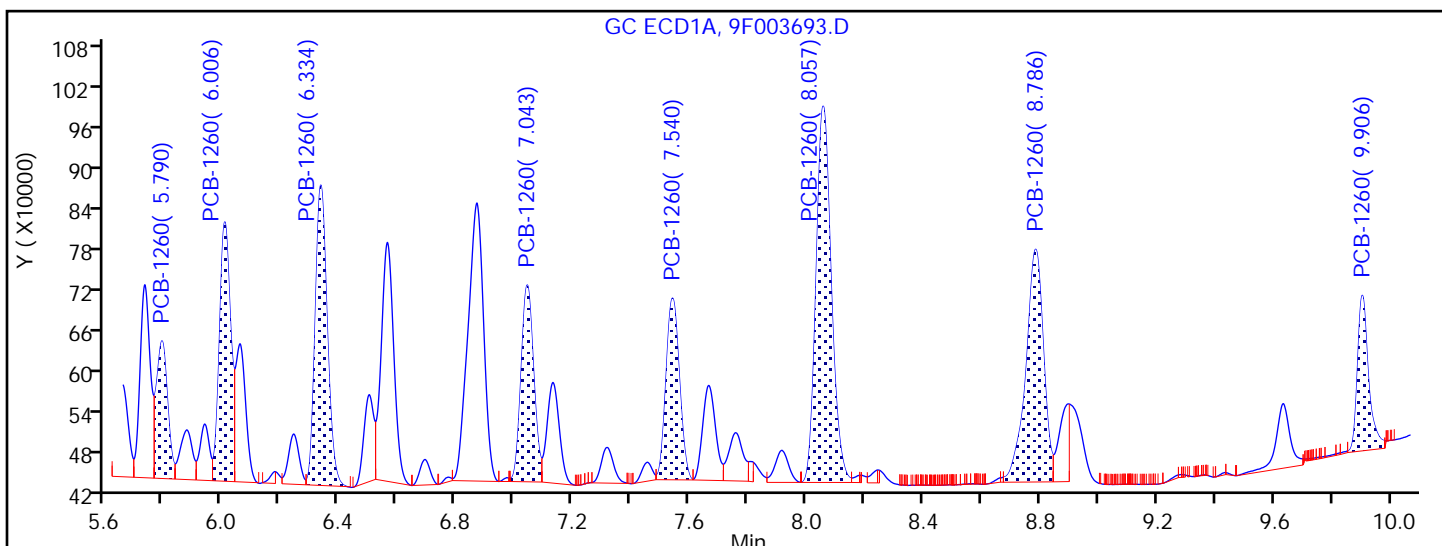
Detector: GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.790	Response = 492407
6.006	Response = 962710
6.334	Response = 1225021
7.043	Response = 863735
7.540	Response = 846227
8.057	Response = 1981107
8.786	Response = 1431384
9.906	Response = 596995



Manual Integration Results

5.790	Response = 535286	M
6.006	Response = 1015413	M
6.334	Response = 1251916	M
7.043	Response = 863735	
7.540	Response = 846227	
8.057	Response = 1981107	

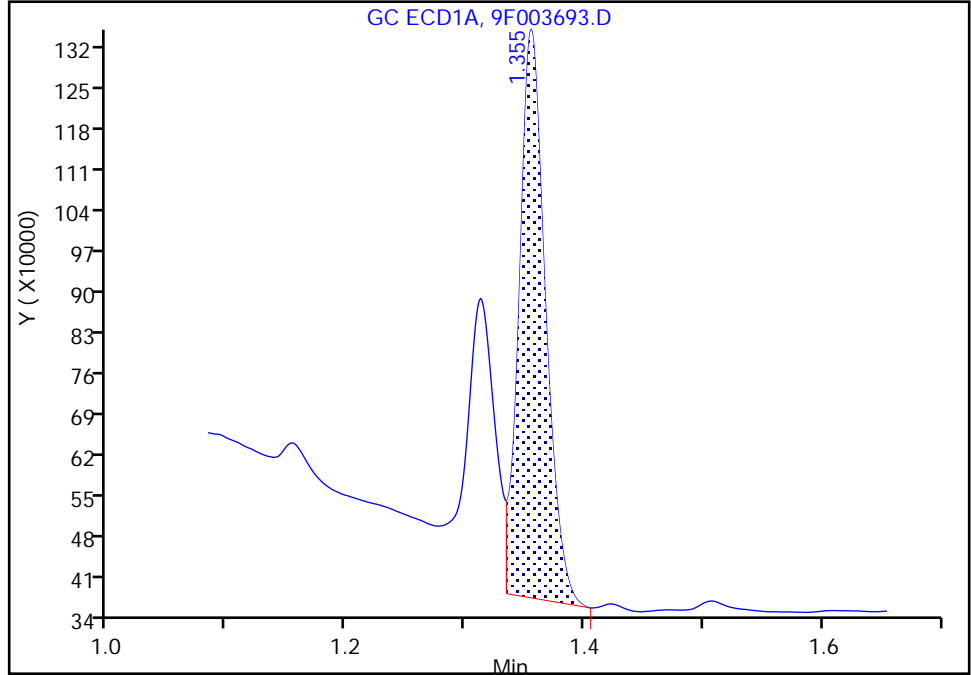
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D  
Injection Date: 28-Feb-2019 08:29:46 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-44-A Lab Sample ID: 460-176080-44  
Client ID: PRA-B9-SI@10-10.5  
Operator ID: ALS Bottle#: 74 Worklist Smp#: 26  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

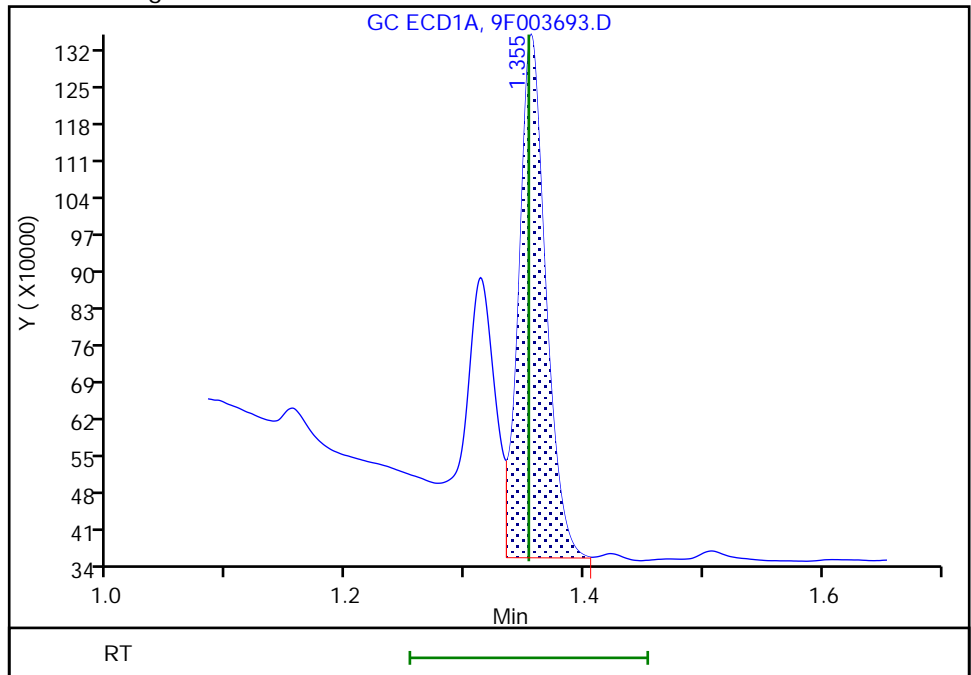
RT: 1.36  
Area: 1484156  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.36  
Area: 1541015  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:06:36  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-SI@10-10.5 Lab Sample ID: 460-176080-44  
 Matrix: Solid Lab File ID: 9F003693.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:25  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 08:29  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 19.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	83	11
11104-28-2	Aroclor 1221	11	U	83	11
11141-16-5	Aroclor 1232	11	U	83	11
53469-21-9	Aroclor 1242	1000		83	11
12672-29-6	Aroclor 1248	11	U	83	11
11097-69-1	Aroclor 1254	11	U	83	11
11096-82-5	Aroclor 1260	250		83	11
37324-23-5	Aroclor 1262	11	U	83	11
11100-14-4	Aroclor 1268	11	U	83	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	149		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D  
 Lims ID: 460-176080-A-44-A  
 Client ID: PRA-B9-SI@10-10.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 08:29:46 ALS Bottle#: 74 Worklist Smp#: 26  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-026  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:08:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M

1	1.355	1.353	0.002	1541015	20.0	M
2	1.345	1.342	0.003	3414218	20.0	M

RPD = 0.00

4 PCB-1242 M

1	2.710	2.707	0.003	1689696	1124.4	M
1	3.177	3.173	0.004	3302754	1047.4	M
1	3.709	3.706	0.003	5661197	1013.3	M
1	3.864	3.861	0.003	2637785	1020.1	M
1	3.979	3.976	0.003	1869313	1024.2	M
1	4.568	4.565	0.003	2125807	960.0	M
1	4.893	4.891	0.002	1657899	933.0	M
1	4.939	4.937	0.002	2438010	1051.4	M

Average of Peak Amounts = 1021.7

2	2.362	2.357	0.005	3458697	1042.5	M
2	2.738	2.733	0.005	6599658	1255.1	M
2	2.950	2.945	0.005	4437781	1289.0	M
2	3.243	3.237	0.006	11034674	1226.1	M
2	3.391	3.387	0.004	4844785	1226.6	M
2	3.860	3.855	0.005	5110284	1190.4	M
2	4.372	4.367	0.005	7443365	1173.4	M
2	4.604	4.597	0.007	4455718	1360.1	M

Average of Peak Amounts = 1220.4

RPD = 17.72

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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8 PCB-1260						M
1	5.790	5.787	0.003	535286	267.7	M
1	6.006	6.000	0.006	1015413	211.8	M
1	6.334	6.329	0.005	1251916	231.2	M
1	7.043	7.036	0.007	863735	239.8	
1	7.540	7.534	0.006	846227	224.6	
1	8.057	8.052	0.005	1981107	241.2	
1	8.786	8.779	0.007	1431384	228.3	
1	9.906	9.901	0.005	596995	263.1	
Average of Peak Amounts =					238.5	
2	5.286	5.277	0.009	2358033	301.8	M
2	5.984	5.974	0.010	3517062	264.5	M
2	6.152	6.141	0.011	1900259	319.0	M
2	6.503	6.492	0.011	2009254	299.8	M
2	7.000	6.989	0.011	4706259	304.6	M
2	7.471	7.460	0.011	2303927	277.6	M
2	7.631	7.618	0.013	1441052	328.3	M
2	8.701	8.688	0.013	1139387	282.4	
Average of Peak Amounts =					297.2	
					RPD = 21.94	
\$ 11 DCB Decachlorobiphenyl						M
1	10.522	10.505	0.017	5091131	64.0	
2	9.674	9.667	0.007	10155711	74.6	M
					RPD = 15.33	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D

Injection Date: 28-Feb-2019 08:29:46

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-44-A

Lab Sample ID: 460-176080-44

Worklist Smp#: 26

Client ID: PRA-B9-SI@10-10.5

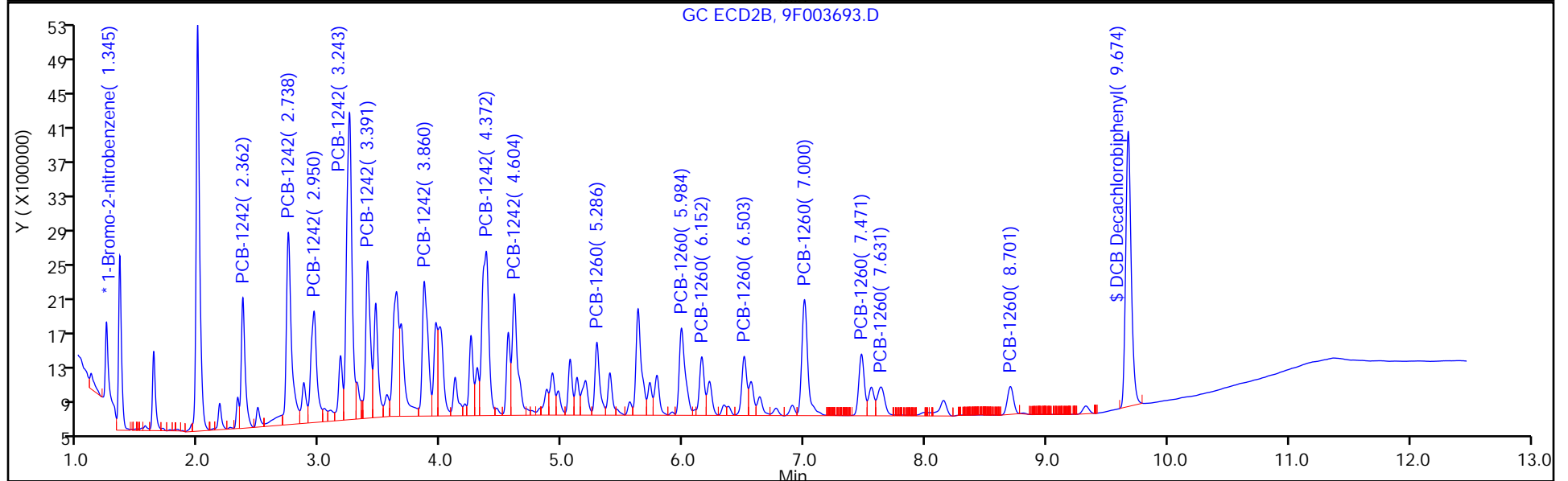
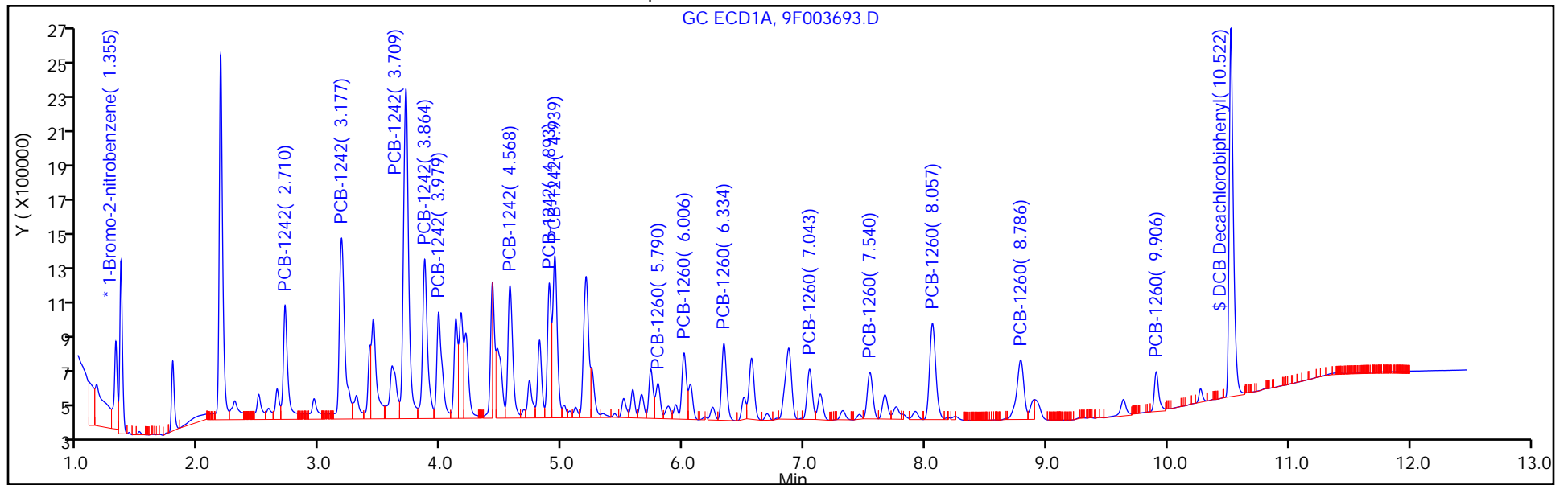
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 74

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

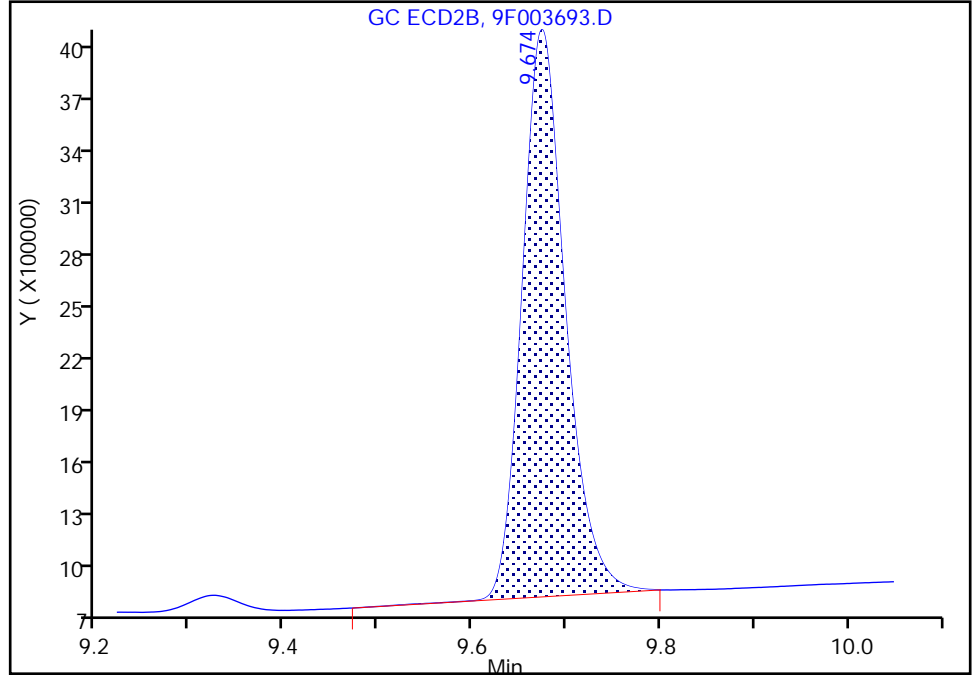
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D  
Injection Date: 28-Feb-2019 08:29:46 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-44-A Lab Sample ID: 460-176080-44  
Client ID: PRA-B9-SI@10-10.5  
Operator ID: ALS Bottle#: 74 Worklist Smp#: 26  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 2

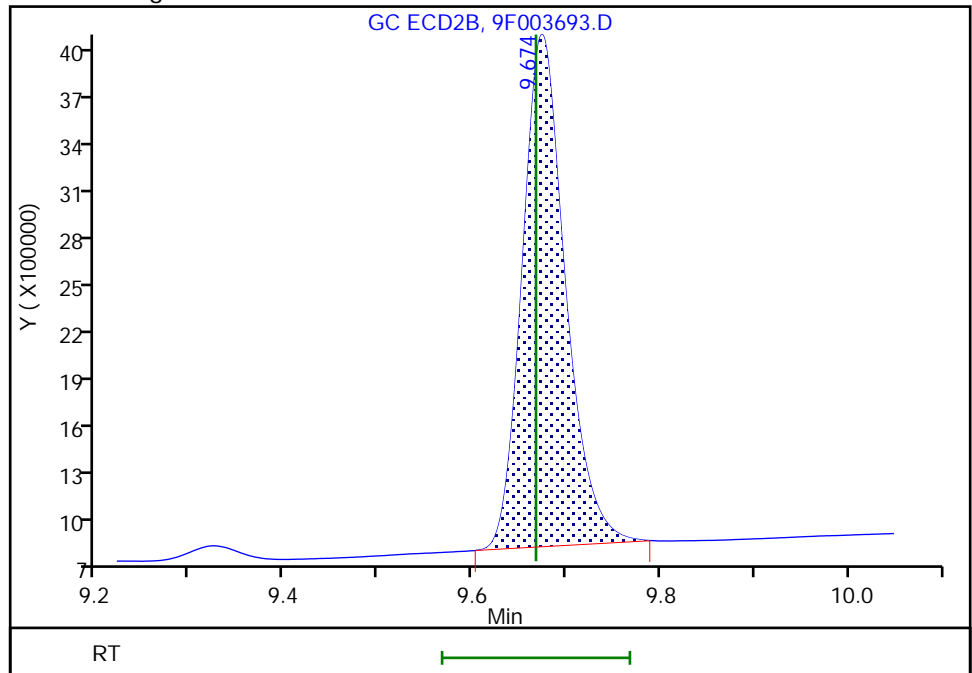
RT: 9.67  
Area: 10205381  
Amount: 75.935864  
Amount Units: ug/l

Processing Integration Results



RT: 9.67  
Area: 10155711  
Amount: 74.573779  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 11:51:55  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D

Injection Date: 28-Feb-2019 08:29:46

Instrument ID: CPESTGC9

Lims ID: 460-176080-A-44-A

Lab Sample ID: 460-176080-44

Client ID: PRA-B9-SI@10-10.5

Operator ID:

ALS Bottle#: 74

Worklist Smp#: 26

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

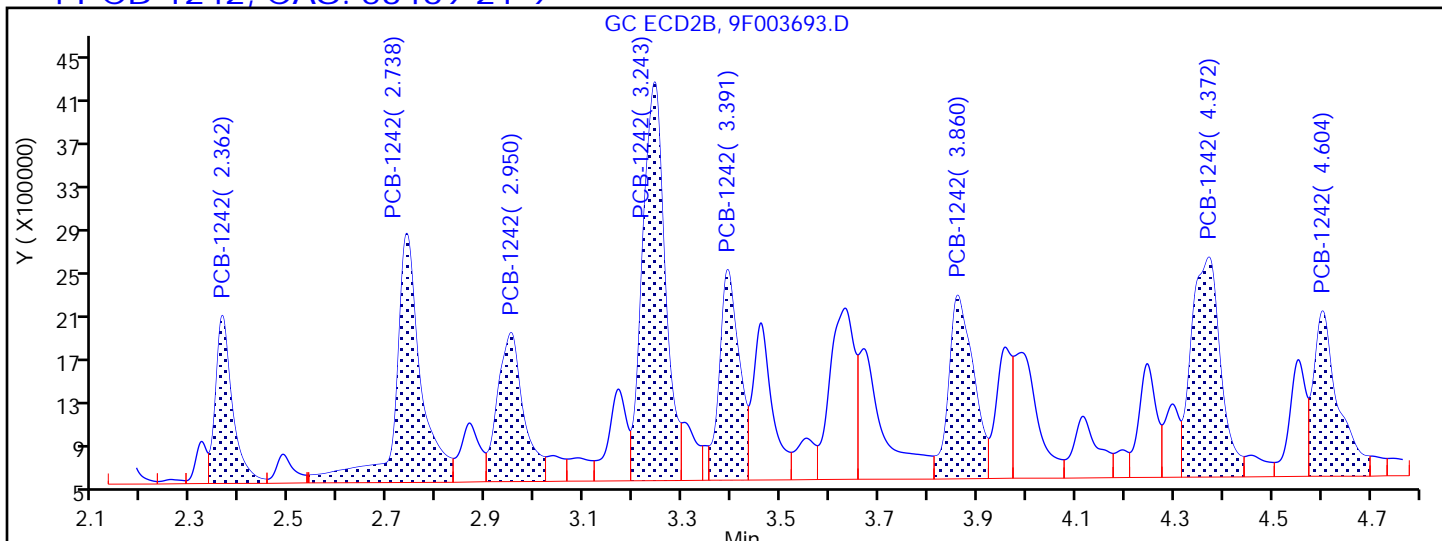
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

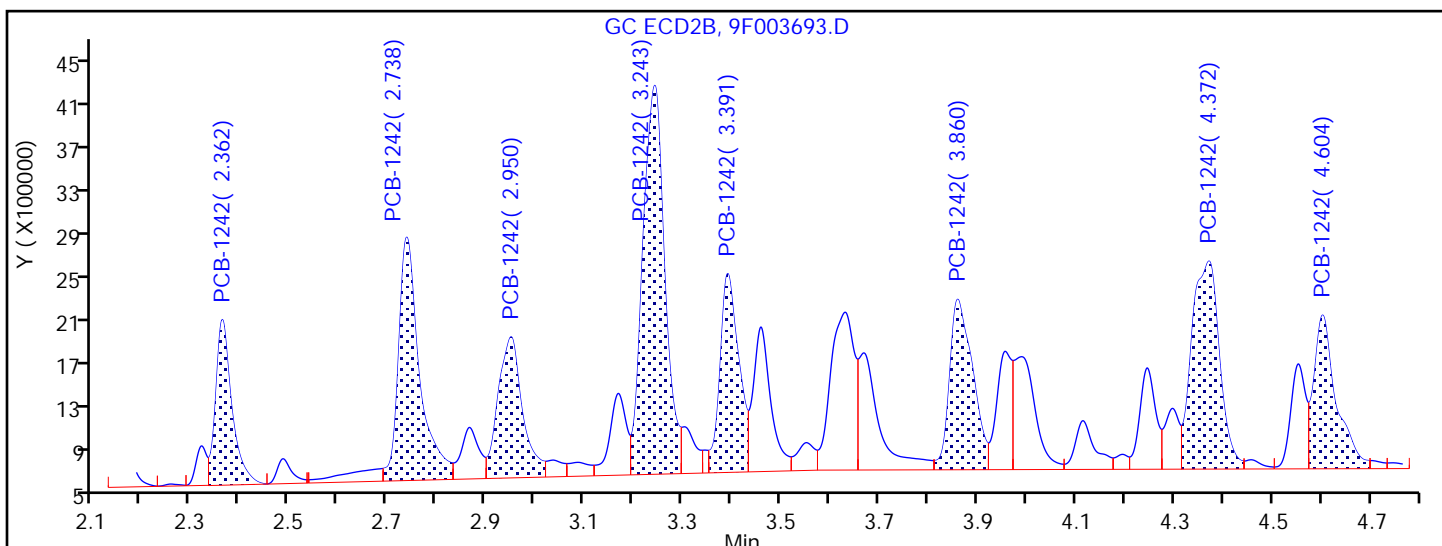
Detector: GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.362	Response = 3666762
2.738	Response = 8231645
2.950	Response = 4993617
3.243	Response = 11659116
3.391	Response = 5392472
3.860	Response = 5941900
4.372	Response = 8322526
4.604	Response = 5283988



Manual Integration Results

2.362	Response = 3458697	M
2.738	Response = 6599658	M
2.950	Response = 4437781	M
3.243	Response = 11034674	M
3.391	Response = 4844785	M
3.860	Response = 5110284	M

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D

Injection Date: 28-Feb-2019 08:29:46

Instrument ID: CPESTGC9

Lims ID: 460-176080-A-44-A

Lab Sample ID: 460-176080-44

Client ID: PRA-B9-SI@10-10.5

Operator ID:

ALS Bottle#: 74

Worklist Smp#: 26

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

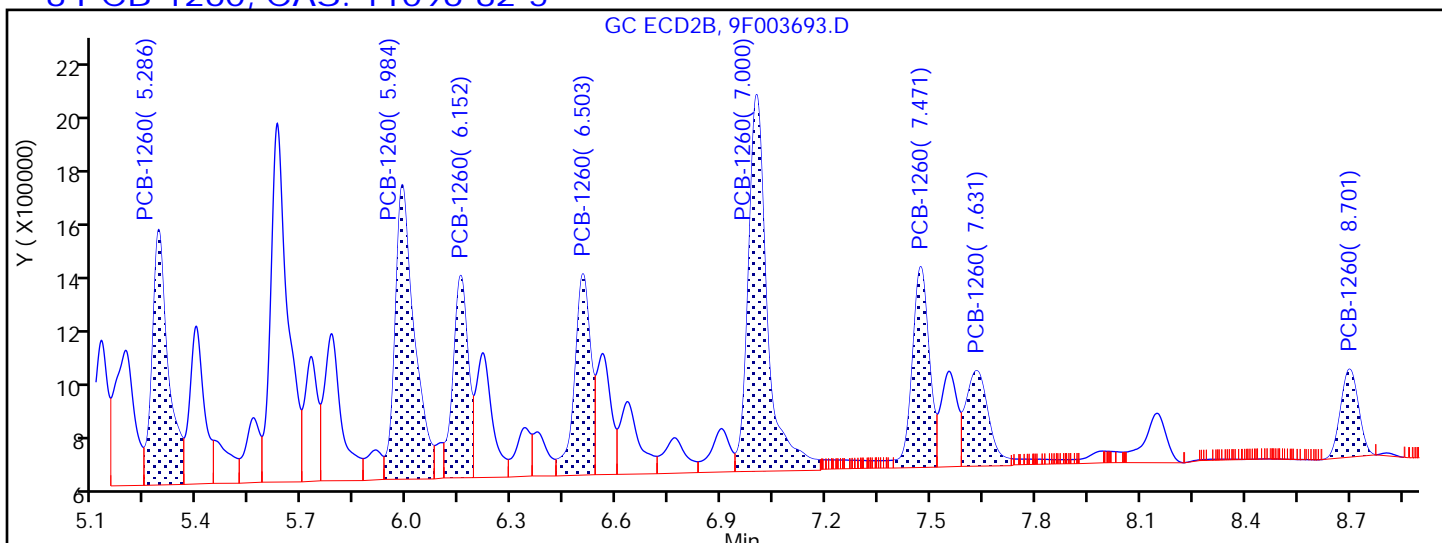
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

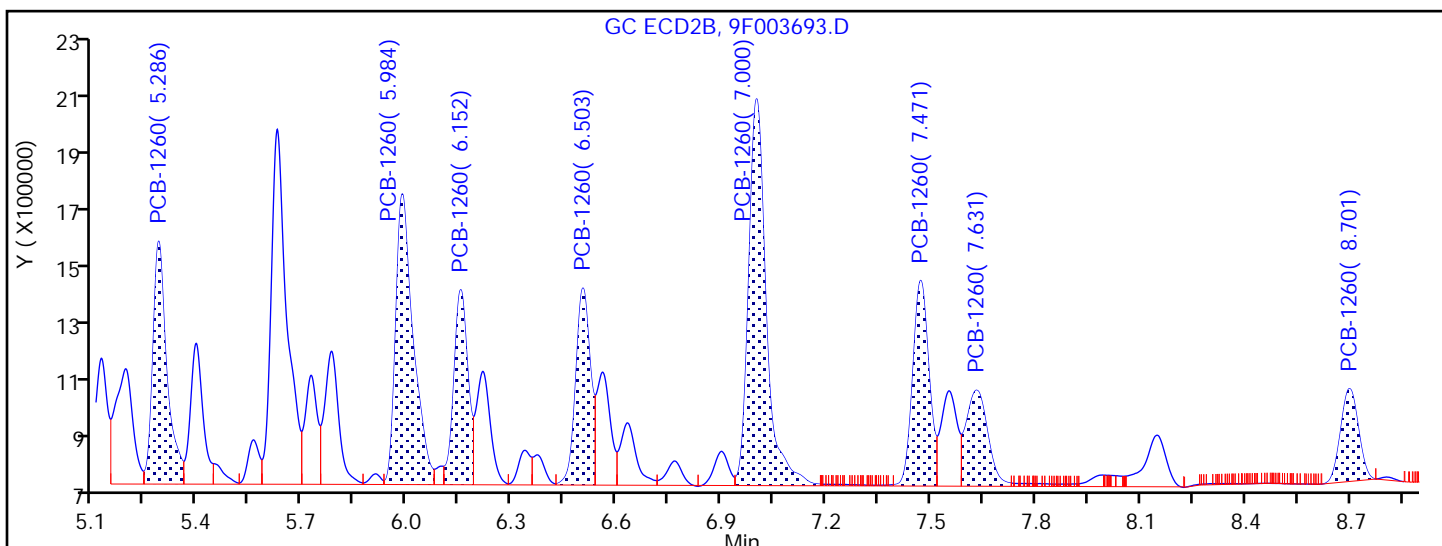
Detector: GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.286	Response = 2993271
5.984	Response = 4123202
6.152	Response = 2229033
6.503	Response = 2375455
7.000	Response = 5237356
7.471	Response = 2471788
7.631	Response = 1577646
8.701	Response = 1139387



Manual Integration Results

5.286	Response = 2358033	M
5.984	Response = 3517062	M
6.152	Response = 1900259	M
6.503	Response = 2009254	M
7.000	Response = 4706259	M
7.471	Response = 2303927	M

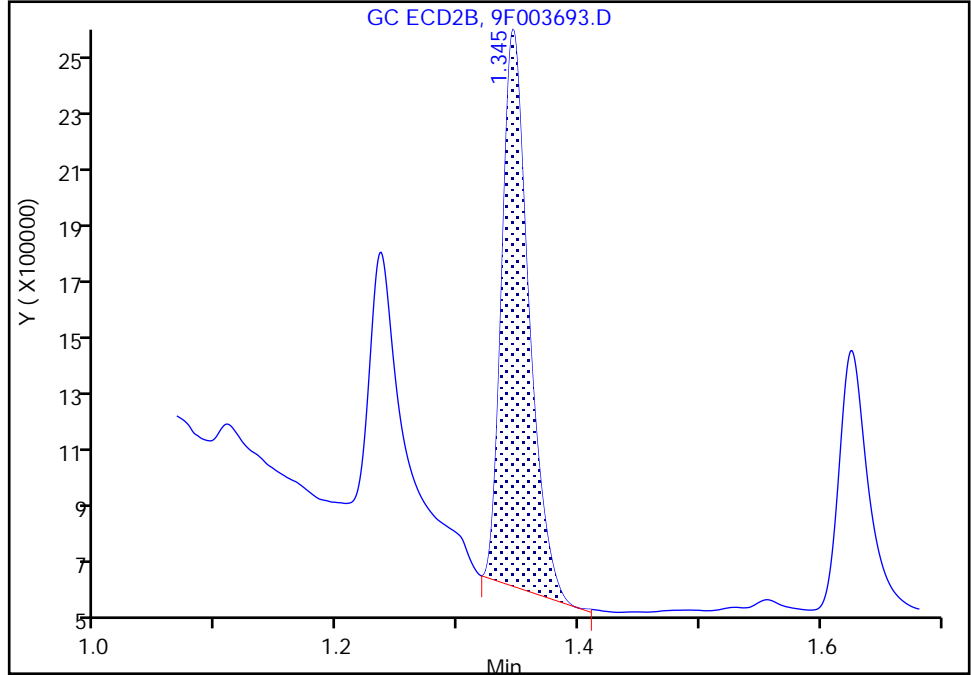
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003693.D  
Injection Date: 28-Feb-2019 08:29:46 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-44-A Lab Sample ID: 460-176080-44  
Client ID: PRA-B9-SI@10-10.5  
Operator ID: ALS Bottle#: 74 Worklist Smp#: 26  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

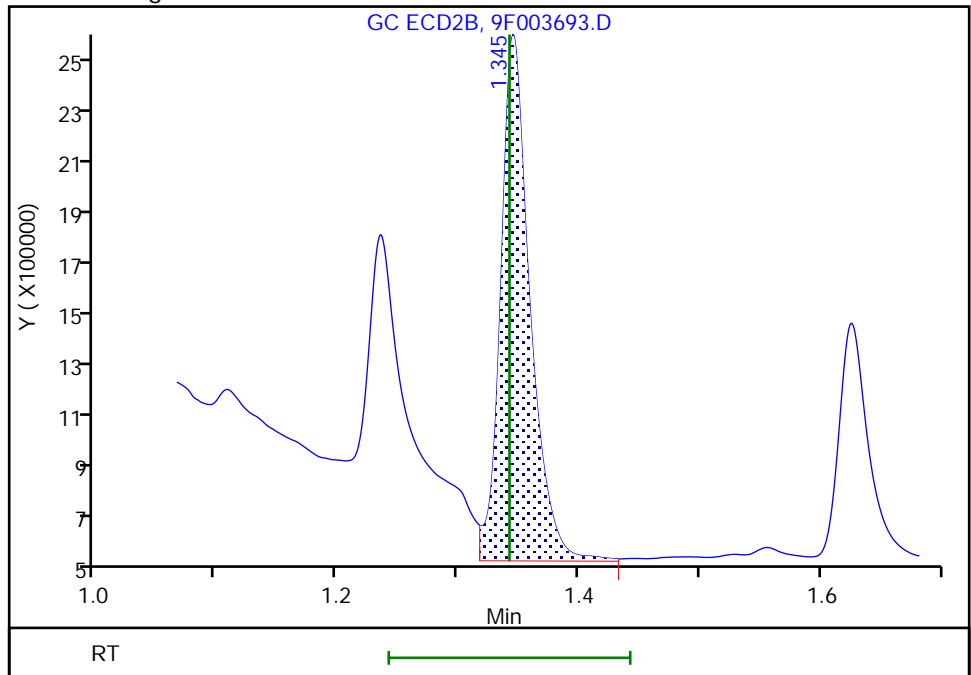
RT: 1.35  
Area: 2994336  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 3414218  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 11:52:02  
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B9-SD@19.5-20</u>	Lab Sample ID: <u>460-176080-45</u>
Matrix: <u>Solid</u>	Lab File ID: <u>9F003694.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 11:30</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>02/27/2019 08:49</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>02/28/2019 08:46</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>17.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>592236</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003694.D  
 Lims ID: 460-176080-A-45-A  
 Client ID: PRA-B9-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 08:46:38 ALS Bottle#: 75 Worklist Smp#: 27  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-027  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:09:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1514641 20.0  
 2 1.346 1.342 0.004 3594281 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.513 10.505 0.008 5223308 66.8  
 2 9.674 9.667 0.007 10390655 72.5  
 RPD = 8.22

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003694.D

Injection Date: 28-Feb-2019 08:46:38

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-45-A

Lab Sample ID: 460-176080-45

Worklist Smp#: 27

Client ID: PRA-B9-SD@19.5-20

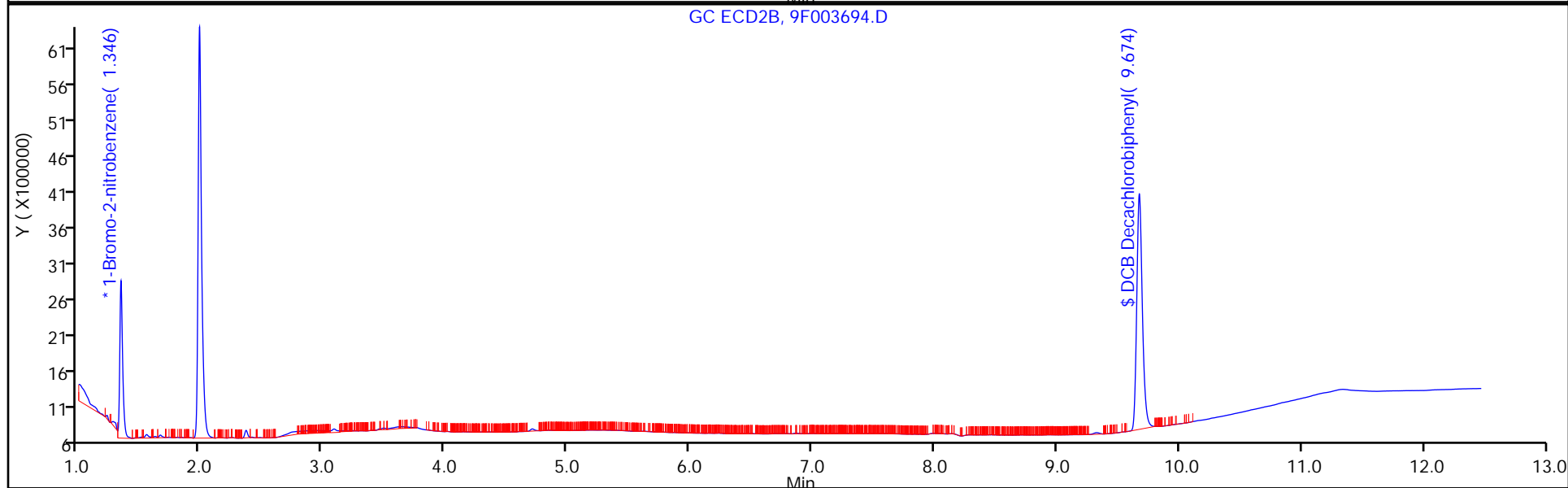
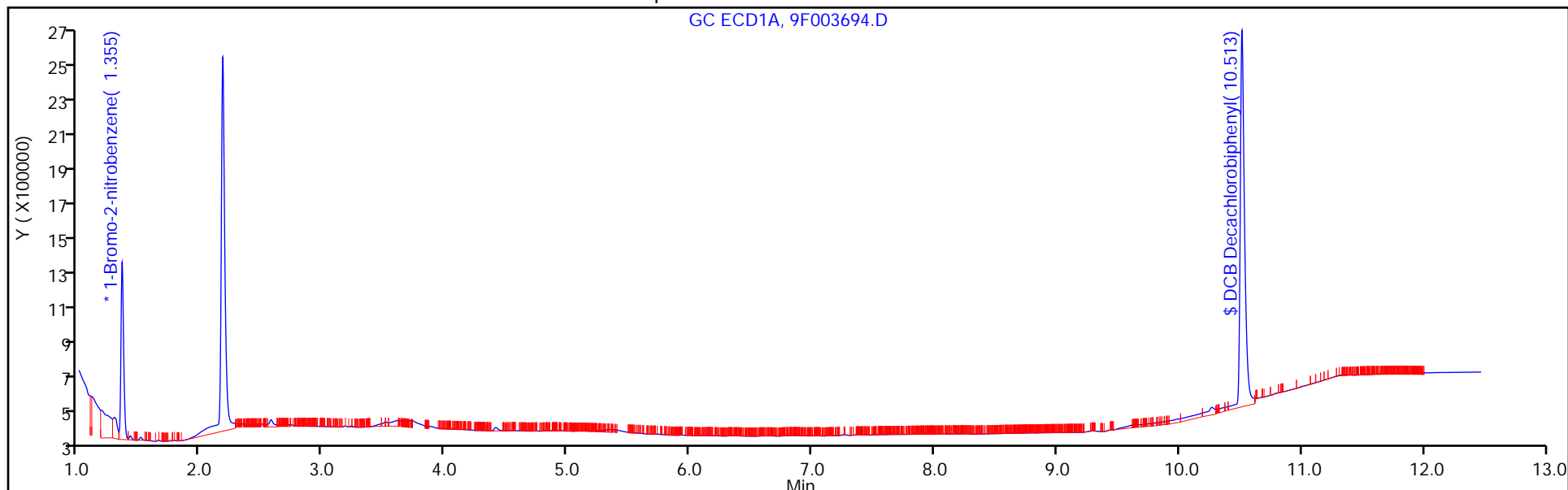
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 75

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-SD@19.5-20 Lab Sample ID: 460-176080-45  
 Matrix: Solid Lab File ID: 9F003694.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:30  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 08:46  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 17.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	81	11
11104-28-2	Aroclor 1221	11	U	81	11
11141-16-5	Aroclor 1232	11	U	81	11
53469-21-9	Aroclor 1242	11	U	81	11
12672-29-6	Aroclor 1248	11	U	81	11
11097-69-1	Aroclor 1254	11	U	81	11
11096-82-5	Aroclor 1260	11	U	81	11
37324-23-5	Aroclor 1262	11	U	81	11
11100-14-4	Aroclor 1268	11	U	81	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003694.D  
 Lims ID: 460-176080-A-45-A  
 Client ID: PRA-B9-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 08:46:38 ALS Bottle#: 75 Worklist Smp#: 27  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-027  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:09:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1514641 20.0  
 2 1.346 1.342 0.004 3594281 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.513 10.505 0.008 5223308 66.8  
 2 9.674 9.667 0.007 10390655 72.5  
 RPD = 8.22

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003694.D

Injection Date: 28-Feb-2019 08:46:38

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-45-A

Lab Sample ID: 460-176080-45

Worklist Smp#: 27

Client ID: PRA-B9-SD@19.5-20

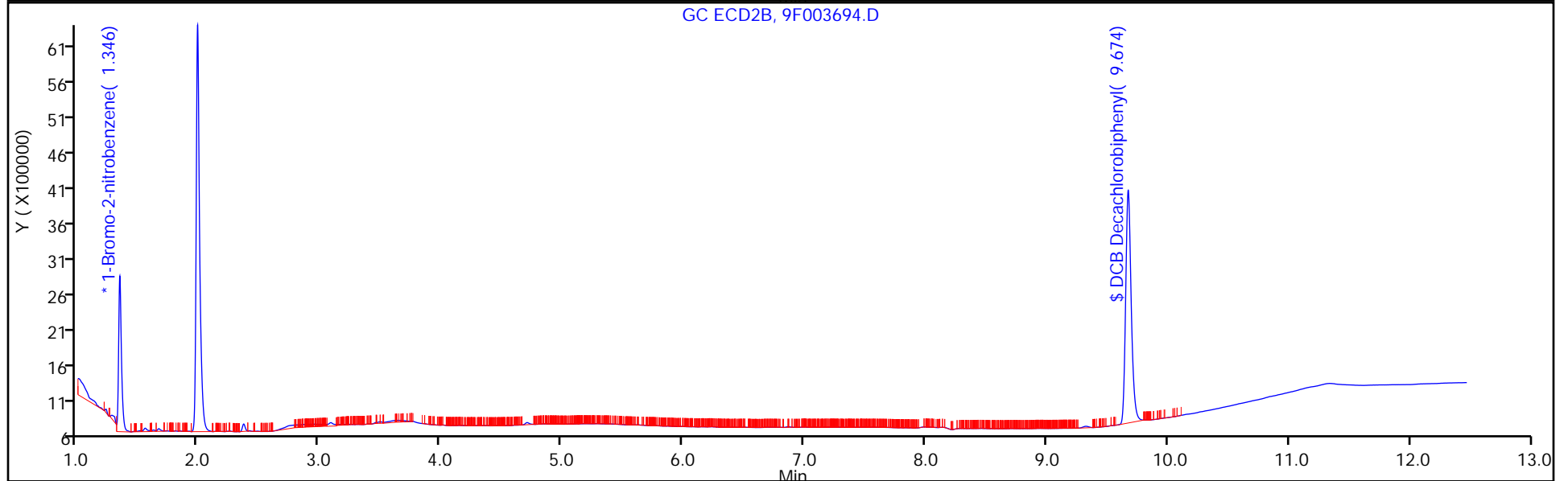
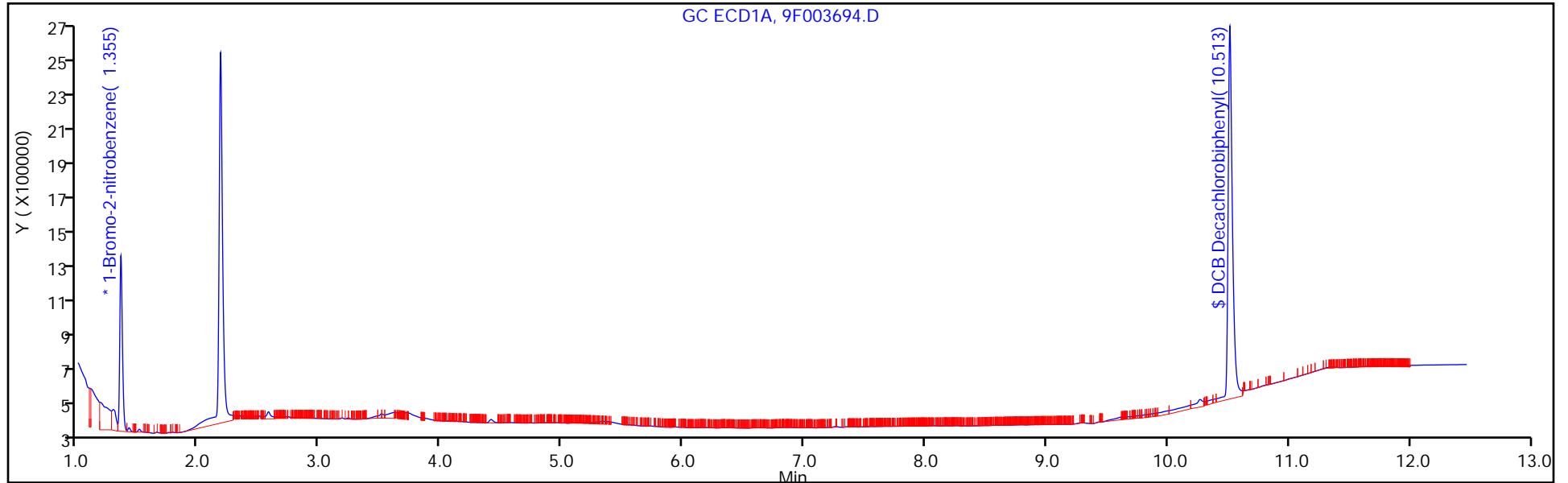
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 75

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



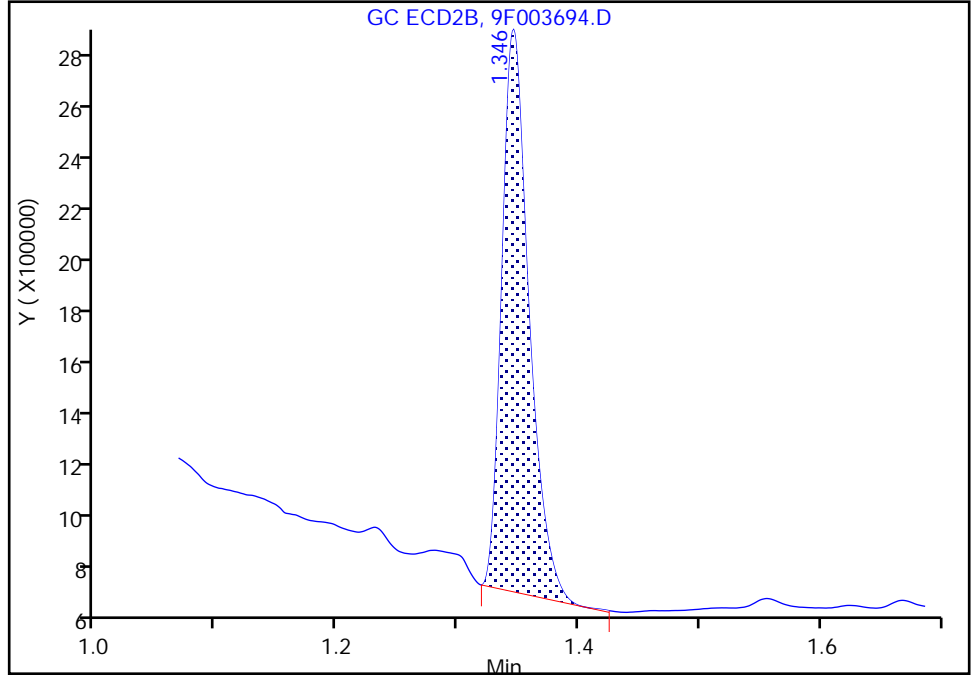
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003694.D  
Injection Date: 28-Feb-2019 08:46:38 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-45-A Lab Sample ID: 460-176080-45  
Client ID: PRA-B9-SD@19.5-20  
Operator ID: ALS Bottle#: 75 Worklist Smp#: 27  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

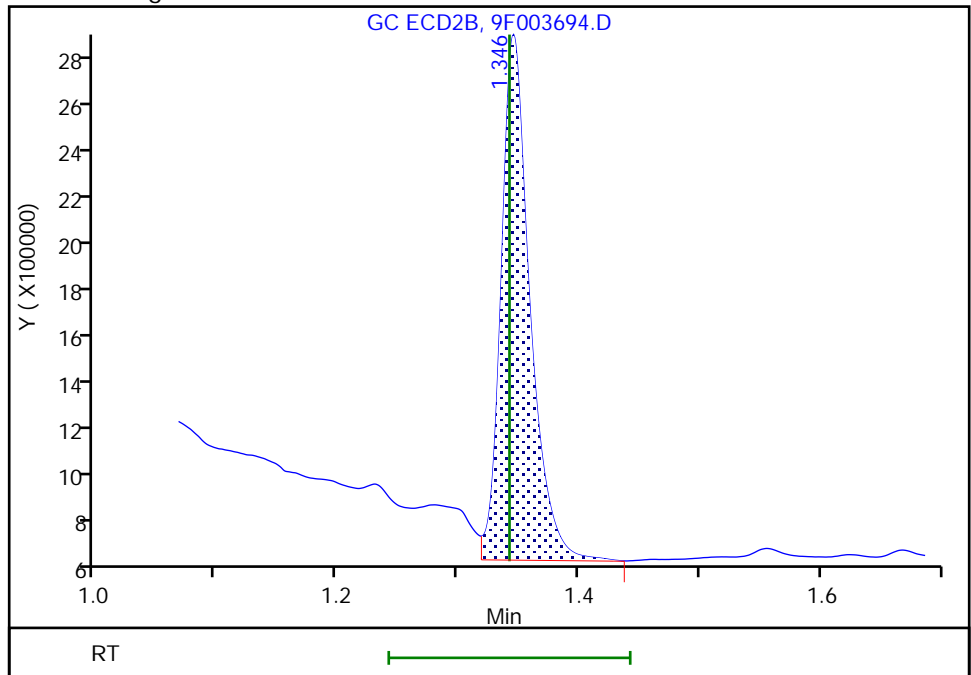
RT: 1.35  
Area: 3279220  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 3594281  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 11:50:47  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-VS@1-1.5 Lab Sample ID: 460-176080-46  
 Matrix: Solid Lab File ID: 9F003695.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:37  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 09:03  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	139		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003695.D  
 Lims ID: 460-176080-A-46-A  
 Client ID: PRA-B10-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 09:03:31 ALS Bottle#: 76 Worklist Smp#: 28  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-028  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:10:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

* 13 1-Bromo-2-nitrobenzene						M
1	1.355	1.353	0.002	1579172	20.0	M
2	1.346	1.342	0.004	3890715	20.0	M
RPD = 0.00						
\$ 11 DCB Decachlorobiphenyl						M
1	10.514	10.505	0.009	5662109	69.4	M
2	9.674	9.667	0.007	11318308	72.9	
RPD = 4.95						

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003695.D

Injection Date: 28-Feb-2019 09:03:31

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-46-A

Lab Sample ID: 460-176080-46

Worklist Smp#: 28

Client ID: PRA-B10-VS@1-1.5

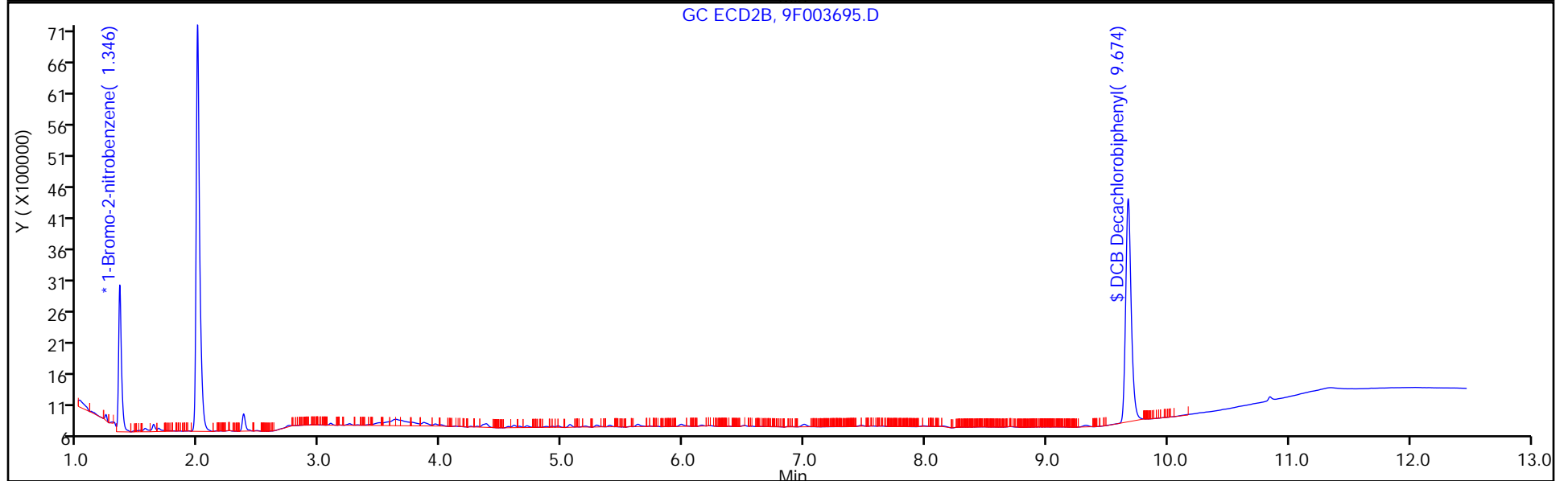
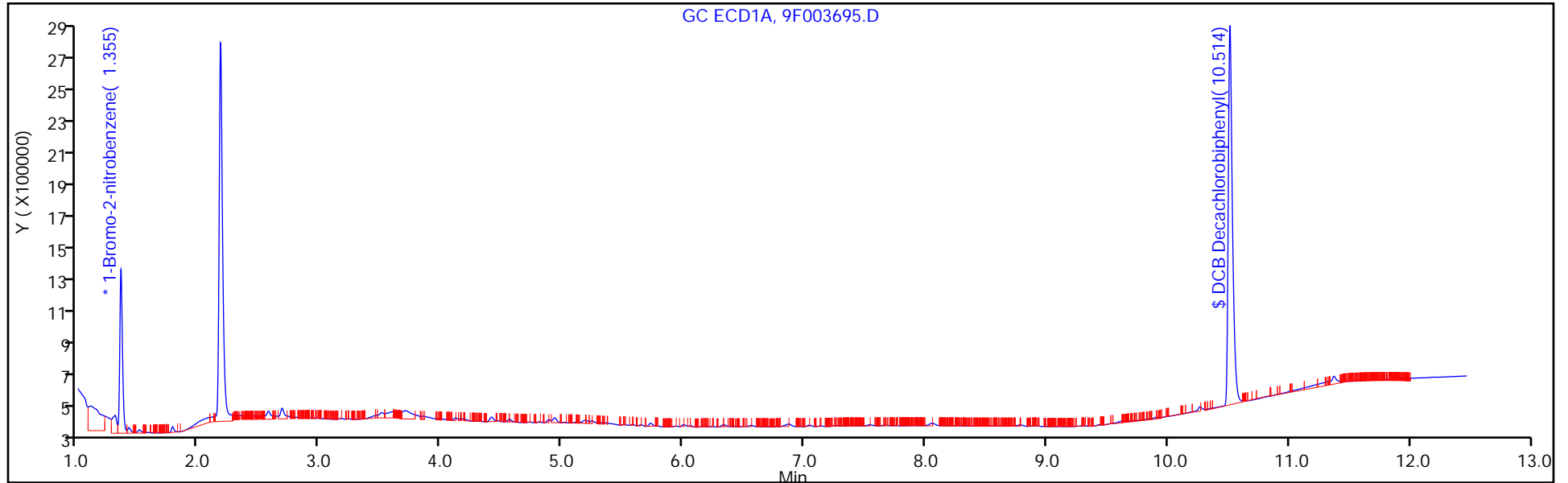
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 76

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

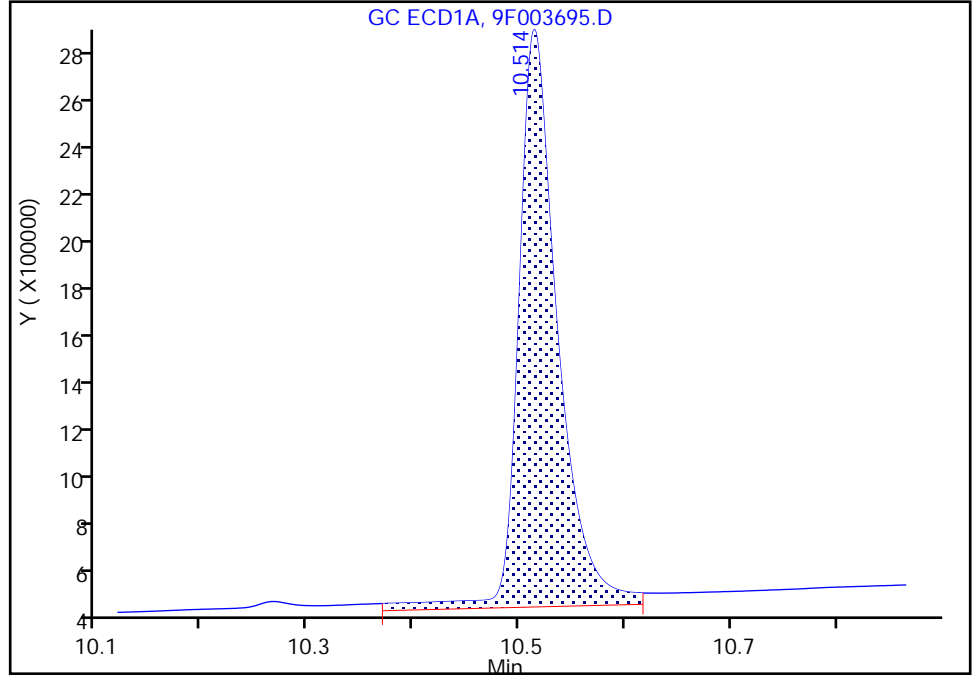
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003695.D  
Injection Date: 28-Feb-2019 09:03:31 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-46-A Lab Sample ID: 460-176080-46  
Client ID: PRA-B10-VS@1-1.5  
Operator ID: ALS Bottle#: 76 Worklist Smp#: 28  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 1

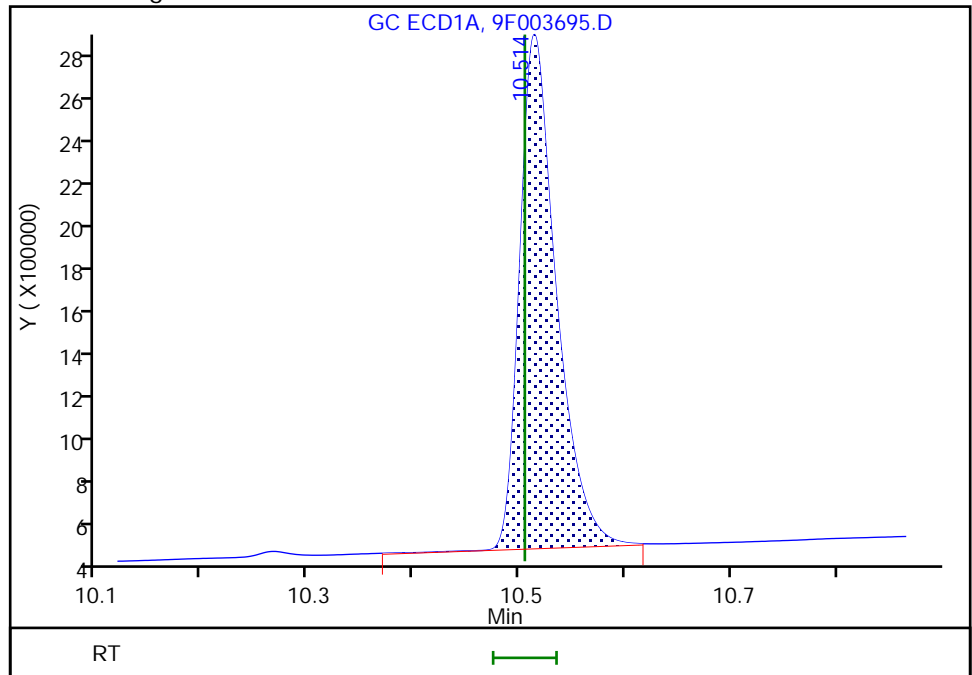
RT: 10.51  
Area: 6149429  
Amount: 75.380350  
Amount Units: ug/l

Processing Integration Results



RT: 10.51  
Area: 5662109  
Amount: 69.406730  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:10:36  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

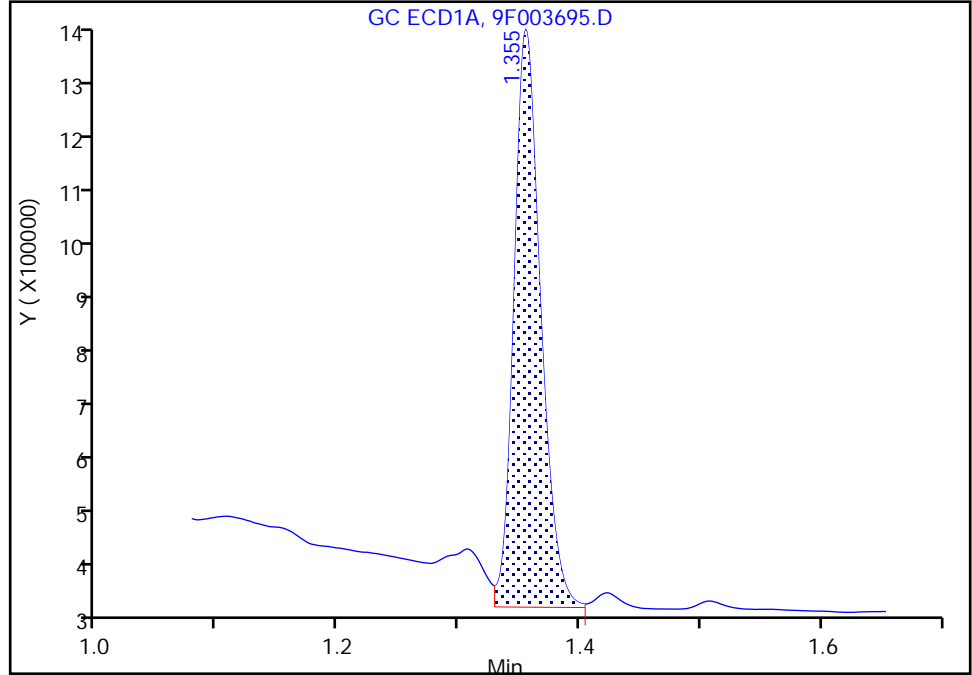
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003695.D  
Injection Date: 28-Feb-2019 09:03:31 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-46-A Lab Sample ID: 460-176080-46  
Client ID: PRA-B10-VS@1-1.5  
Operator ID: ALS Bottle#: 76 Worklist Smp#: 28  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

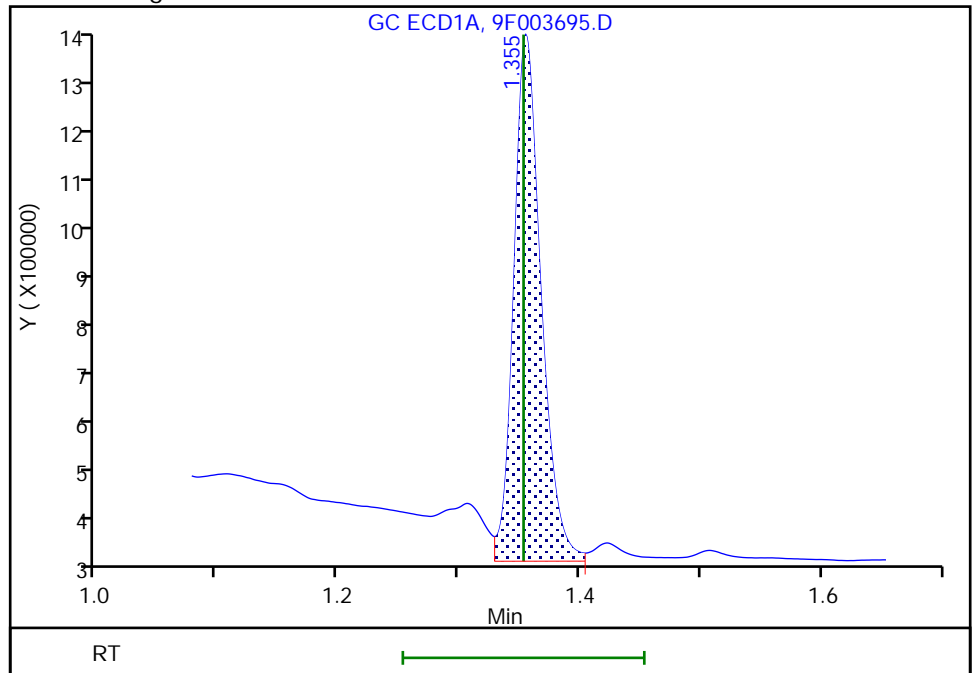
RT: 1.36  
Area: 1534215  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.36  
Area: 1579172  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:10:08  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-VS@1-1.5 Lab Sample ID: 460-176080-46  
 Matrix: Solid Lab File ID: 9F003695.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:37  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 09:03  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 15.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	79	11
11104-28-2	Aroclor 1221	11	U	79	11
11141-16-5	Aroclor 1232	11	U	79	11
53469-21-9	Aroclor 1242	11	U	79	11
12672-29-6	Aroclor 1248	11	U	79	11
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	146		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003695.D  
 Lims ID: 460-176080-A-46-A  
 Client ID: PRA-B10-VS@1-1.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 09:03:31 ALS Bottle#: 76 Worklist Smp#: 28  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-028  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:10:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						M
1	1.355	1.353	0.002	1579172	20.0	M
2	1.346	1.342	0.004	3890715	20.0	M
RPD = 0.00						
\$ 11 DCB Decachlorobiphenyl						M
1	10.514	10.505	0.009	5662109	69.4	M
2	9.674	9.667	0.007	11318308	72.9	
RPD = 4.95						

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003695.D

Injection Date: 28-Feb-2019 09:03:31

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-46-A

Lab Sample ID: 460-176080-46

Worklist Smp#: 28

Client ID: PRA-B10-VS@1-1.5

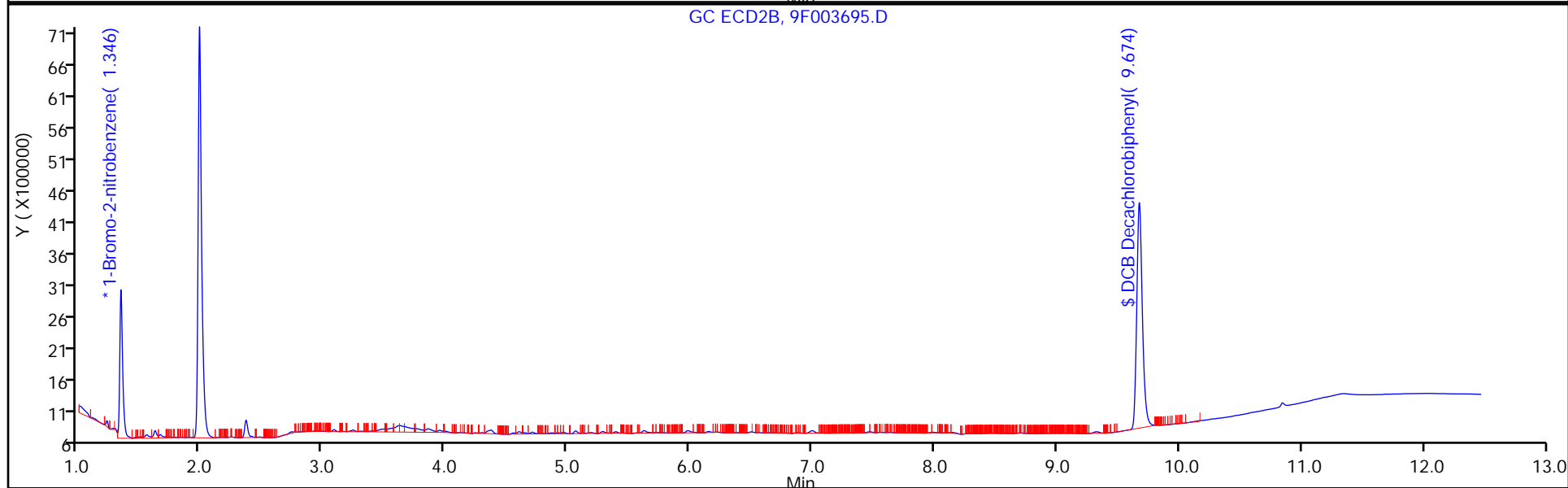
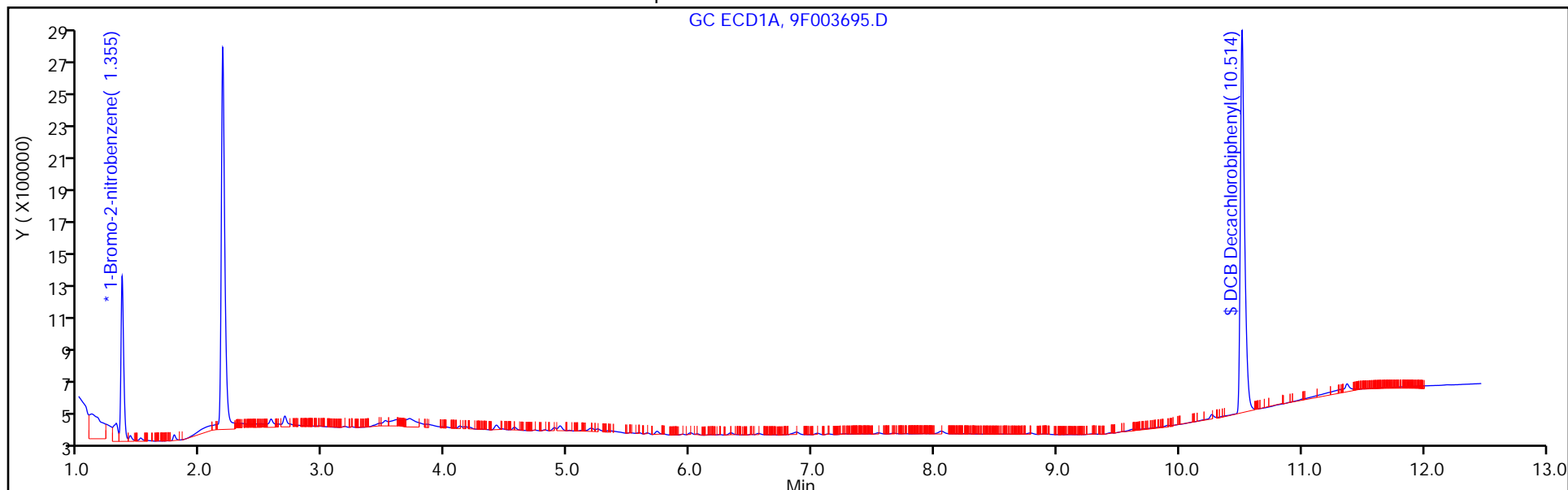
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 76

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

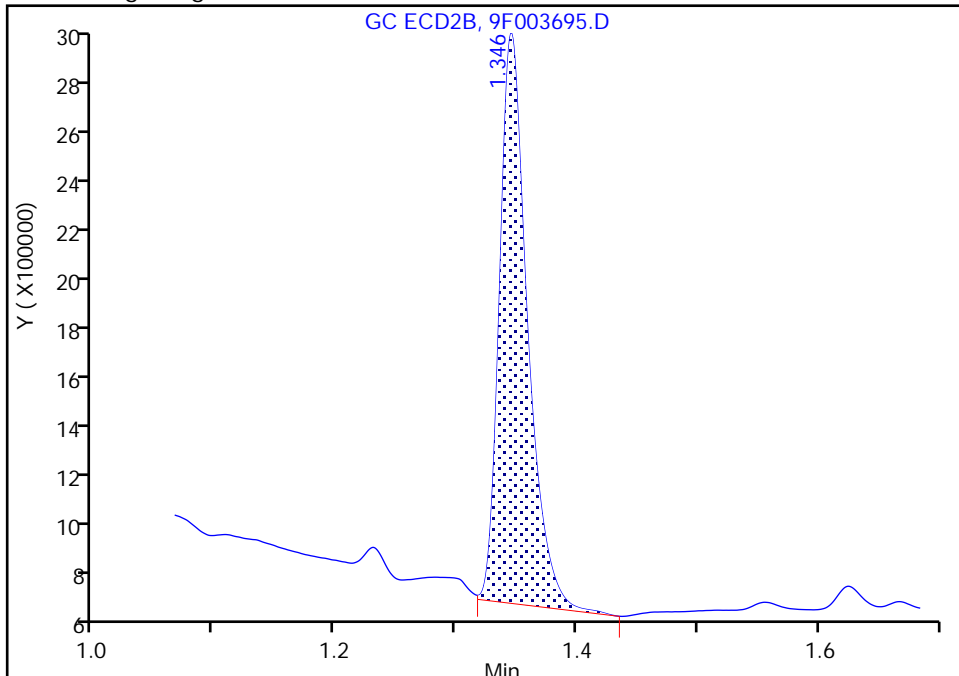
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003695.D  
Injection Date: 28-Feb-2019 09:03:31 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-46-A Lab Sample ID: 460-176080-46  
Client ID: PRA-B10-VS@1-1.5  
Operator ID: ALS Bottle#: 76 Worklist Smp#: 28  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

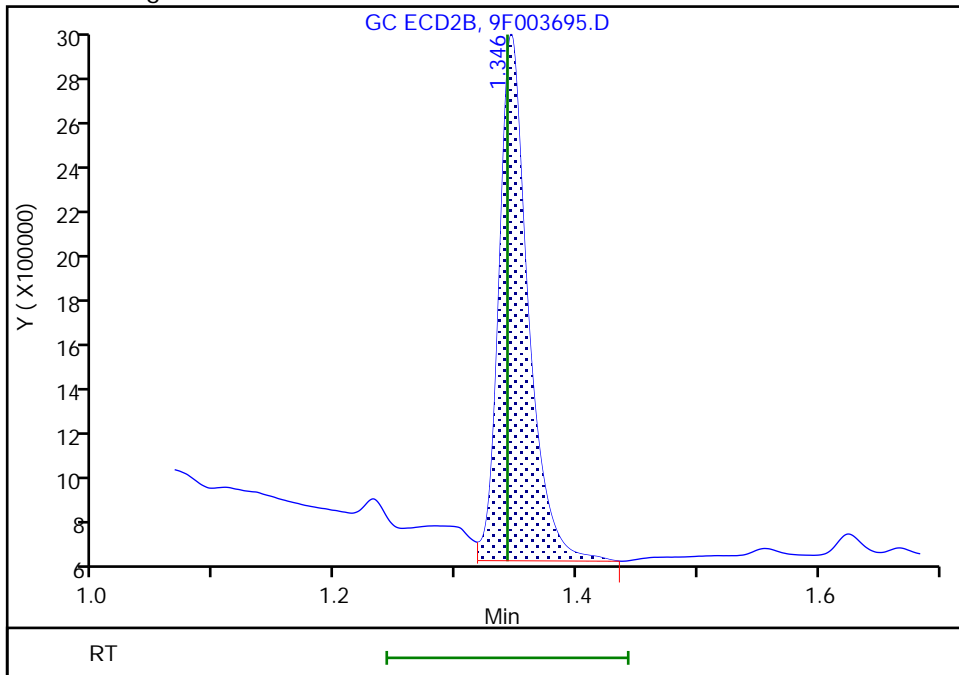
RT: 1.35  
Area: 3660525  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 3890715  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:09:57  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-VD@3-3.5 Lab Sample ID: 460-176080-47  
 Matrix: Solid Lab File ID: 9F003696.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 09:20  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003696.D  
 Lims ID: 460-176080-A-47-A  
 Client ID: PRA-B10-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 09:20:25 ALS Bottle#: 77 Worklist Smp#: 29  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-029  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:12:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						M
1	1.355	1.353	0.002	1649893	20.0	M
2	1.345	1.342	0.003	4240925	20.0	M
RPD = 0.00						
\$ 11 DCB Decachlorobiphenyl						M
1	10.514	10.505	0.009	5179058	60.8	M
2	9.673	9.667	0.006	11058606	65.4	
RPD = 7.31						

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003696.D

Injection Date: 28-Feb-2019 09:20:25

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-47-A

Lab Sample ID: 460-176080-47

Worklist Smp#: 29

Client ID: PRA-B10-VD@3-3.5

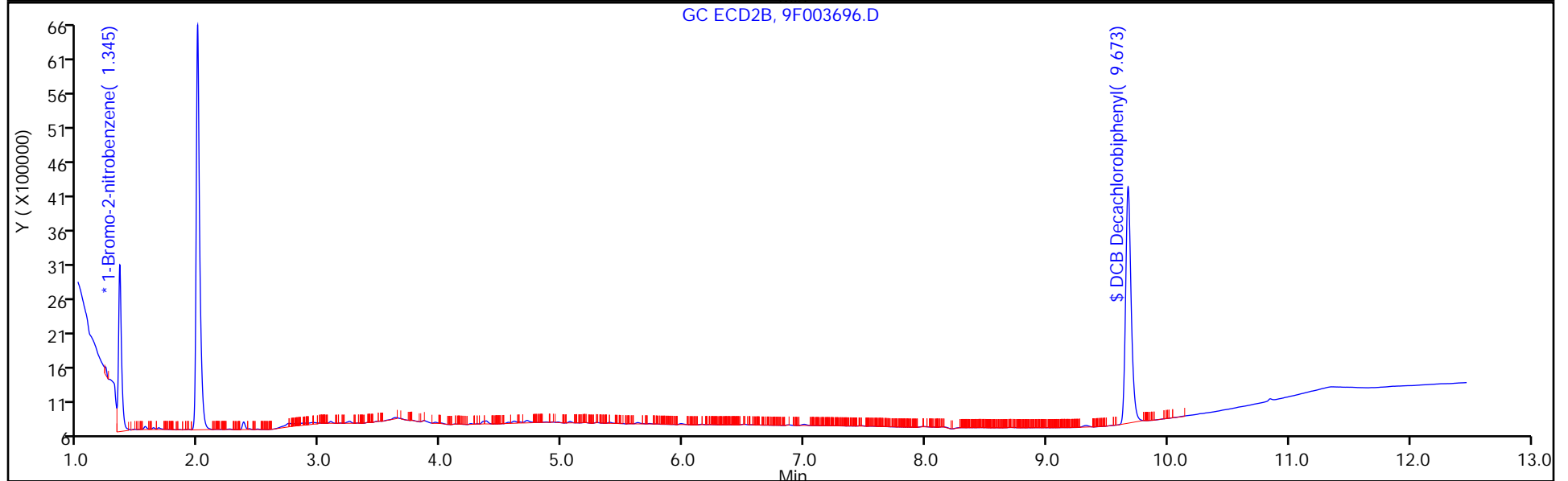
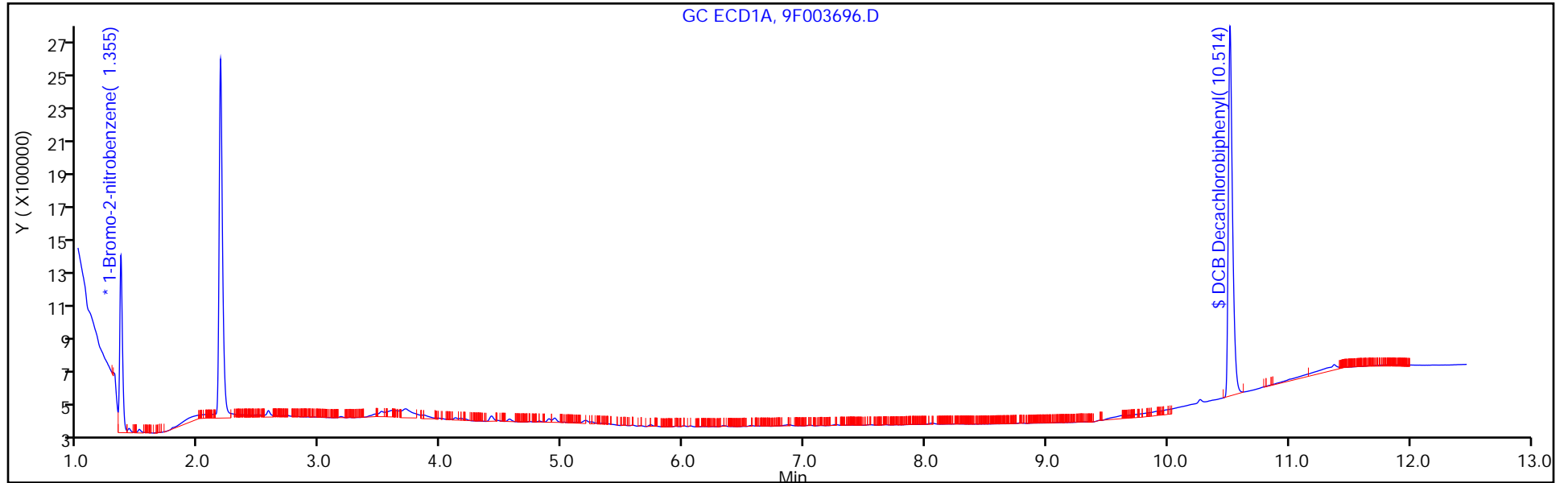
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 77

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

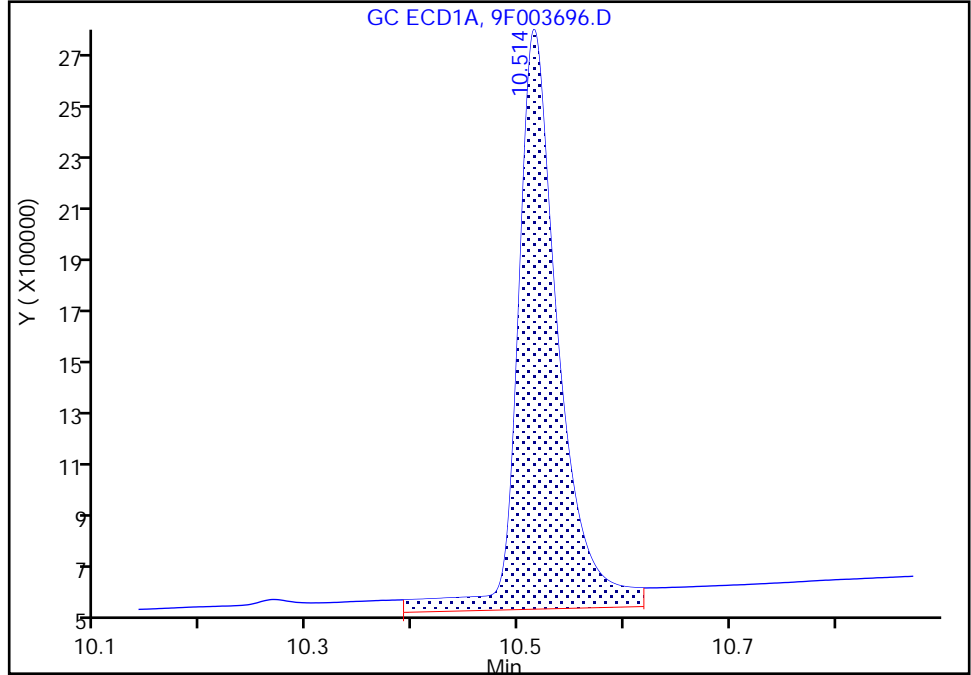
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003696.D  
Injection Date: 28-Feb-2019 09:20:25 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-47-A Lab Sample ID: 460-176080-47  
Client ID: PRA-B10-VD@3-3.5  
Operator ID: ALS Bottle#: 77 Worklist Smp#: 29  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 1

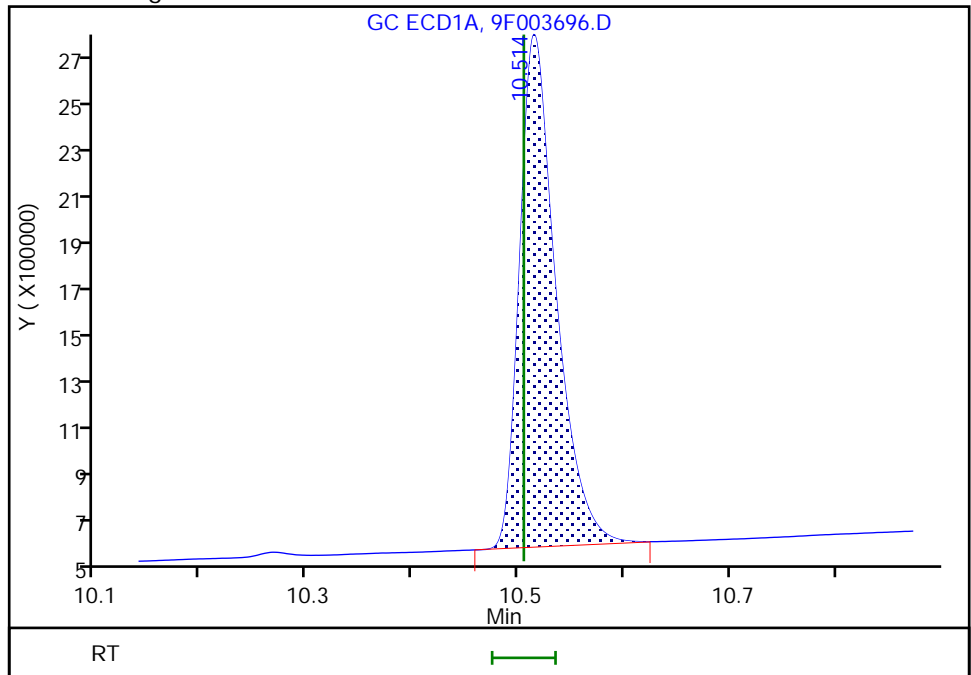
RT: 10.51  
Area: 5969582  
Amount: 70.039161  
Amount Units: ug/l

Processing Integration Results



RT: 10.51  
Area: 5179058  
Amount: 60.764201  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 11:50:31  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

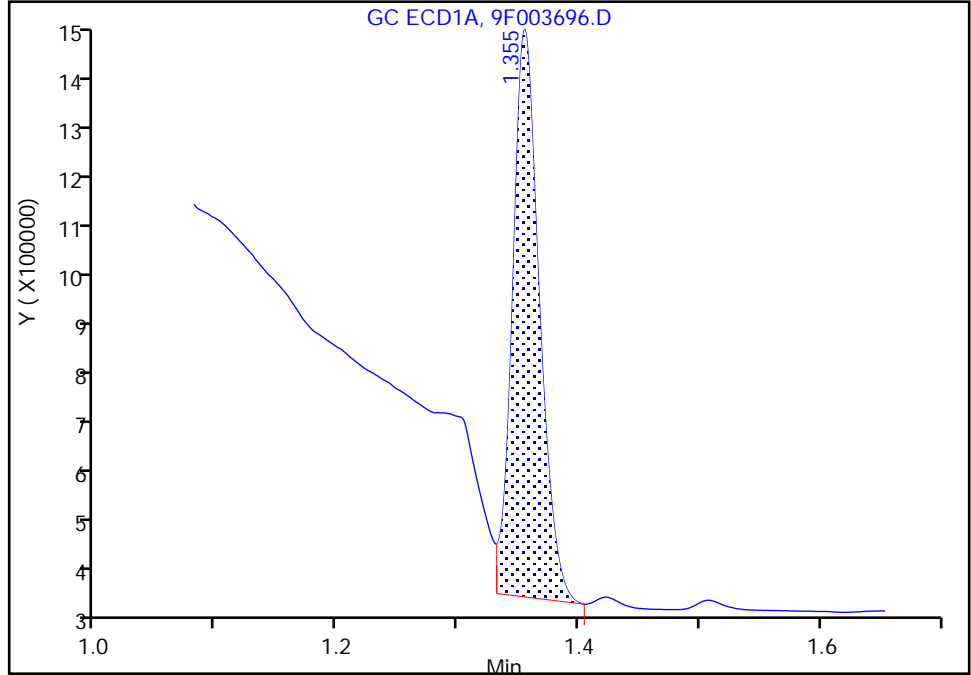
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003696.D  
Injection Date: 28-Feb-2019 09:20:25 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-47-A Lab Sample ID: 460-176080-47  
Client ID: PRA-B10-VD@3-3.5  
Operator ID: ALS Bottle#: 77 Worklist Smp#: 29  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

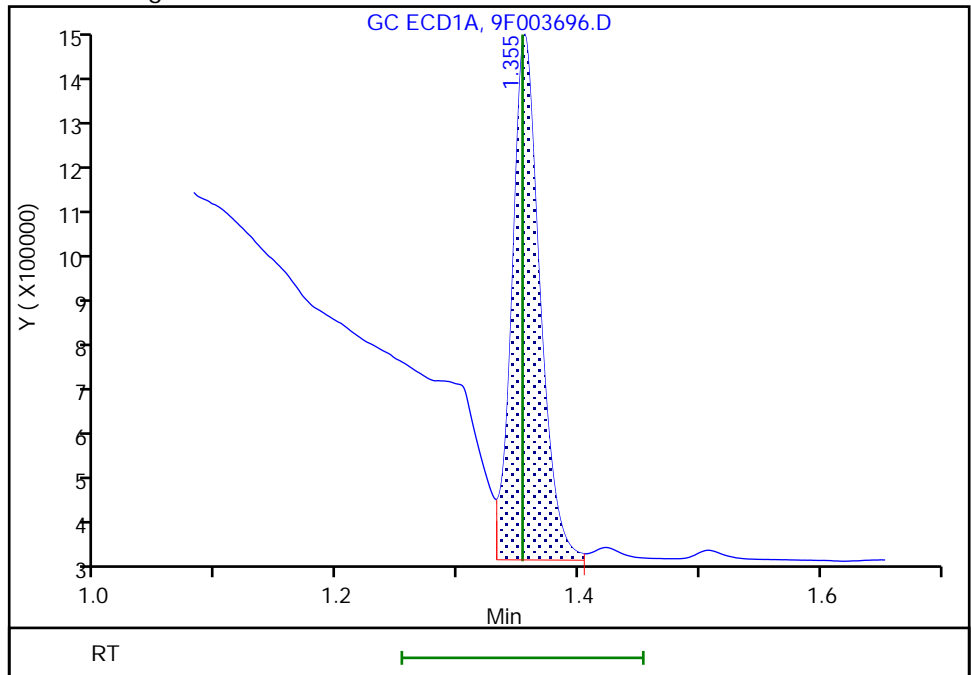
RT: 1.36  
Area: 1555276  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.36  
Area: 1649893  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:11:54  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-VD@3-3.5 Lab Sample ID: 460-176080-47  
 Matrix: Solid Lab File ID: 9F003696.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 09:20  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 15.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	80	11
11104-28-2	Aroclor 1221	11	U	80	11
11141-16-5	Aroclor 1232	11	U	80	11
53469-21-9	Aroclor 1242	11	U	80	11
12672-29-6	Aroclor 1248	11	U	80	11
11097-69-1	Aroclor 1254	11	U	80	11
11096-82-5	Aroclor 1260	11	U	80	11
37324-23-5	Aroclor 1262	11	U	80	11
11100-14-4	Aroclor 1268	11	U	80	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003696.D  
 Lims ID: 460-176080-A-47-A  
 Client ID: PRA-B10-VD@3-3.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 09:20:25 ALS Bottle#: 77 Worklist Smp#: 29  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-029  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:12:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						M
1	1.355	1.353	0.002	1649893	20.0	M
2	1.345	1.342	0.003	4240925	20.0	M
RPD = 0.00						
\$ 11 DCB Decachlorobiphenyl						M
1	10.514	10.505	0.009	5179058	60.8	M
2	9.673	9.667	0.006	11058606	65.4	
RPD = 7.31						

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003696.D

Injection Date: 28-Feb-2019 09:20:25

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-47-A

Lab Sample ID: 460-176080-47

Worklist Smp#: 29

Client ID: PRA-B10-VD@3-3.5

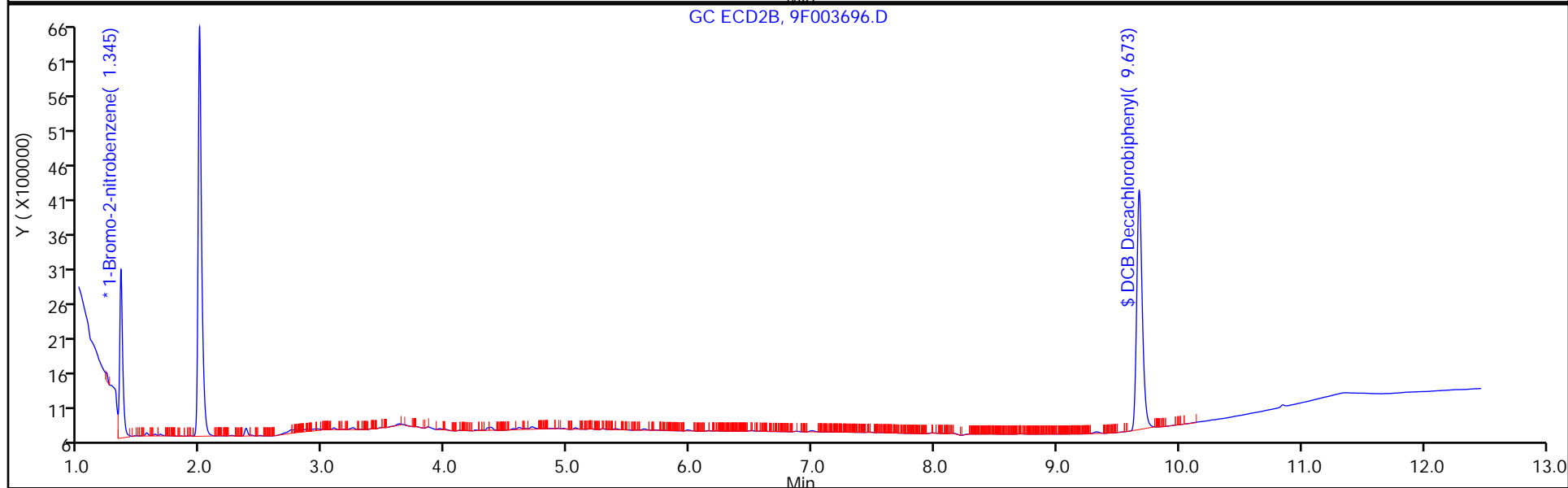
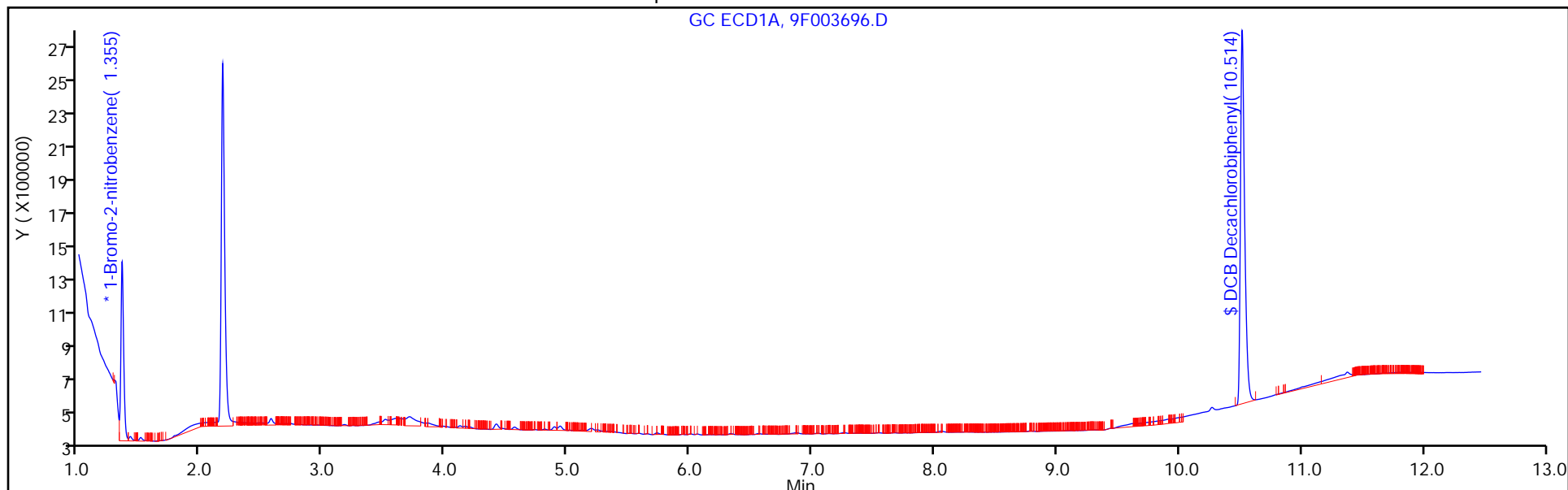
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 77

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



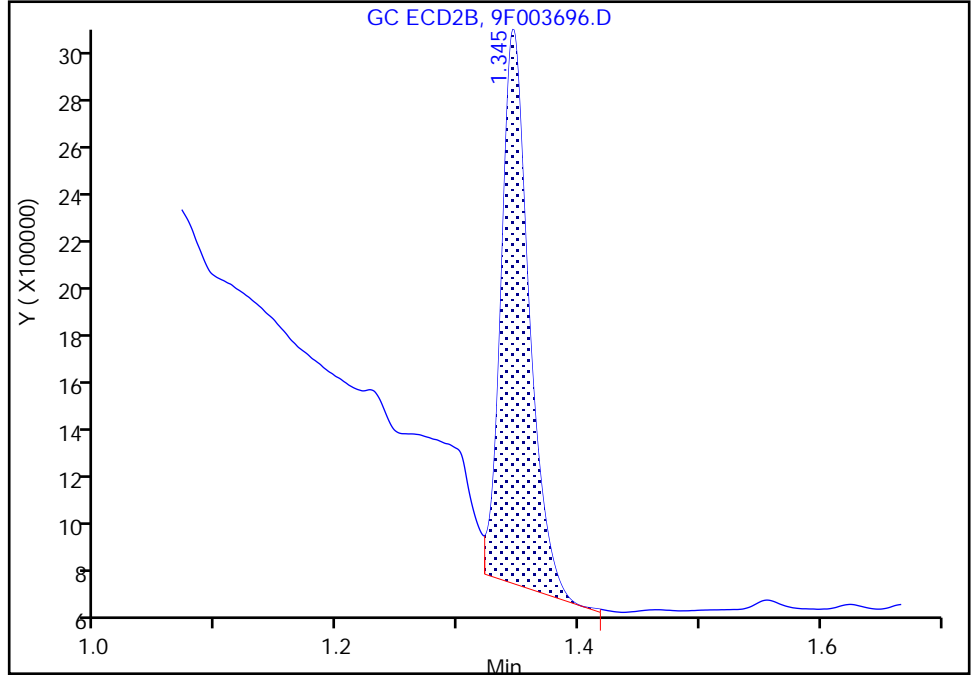
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003696.D  
Injection Date: 28-Feb-2019 09:20:25 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-47-A Lab Sample ID: 460-176080-47  
Client ID: PRA-B10-VD@3-3.5  
Operator ID: ALS Bottle#: 77 Worklist Smp#: 29  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

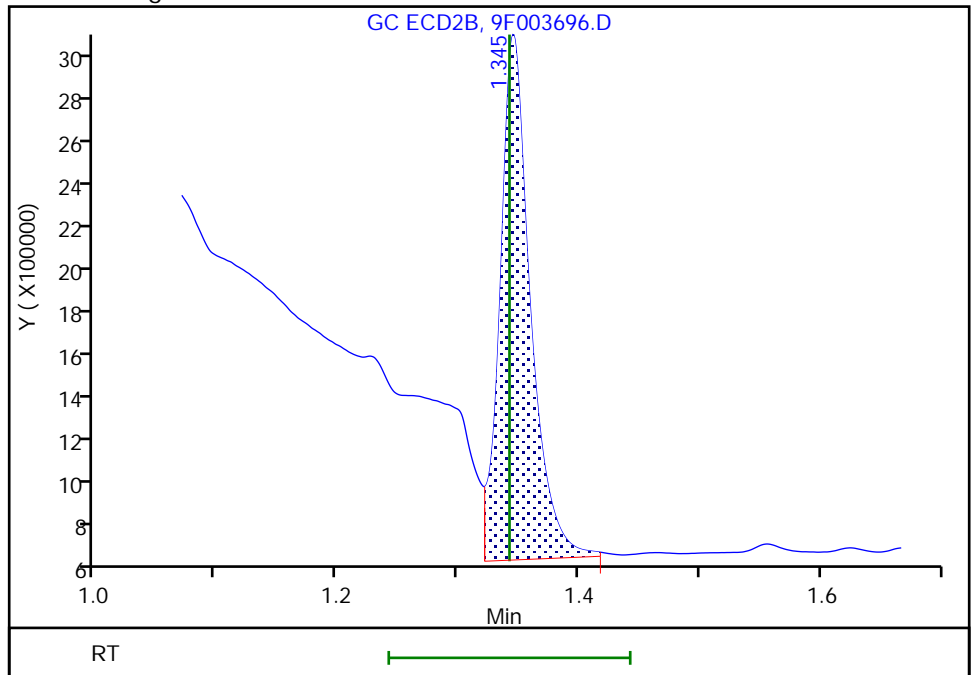
RT: 1.35  
Area: 3682407  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 4240925  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:12:04  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-SI@8-8.5 Lab Sample ID: 460-176080-48  
 Matrix: Solid Lab File ID: 9F003697.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:42  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 09:37  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 15.3 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	144		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003697.D  
 Lims ID: 460-176080-A-48-A  
 Client ID: PRA-B10-SI@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 09:37:17 ALS Bottle#: 78 Worklist Smp#: 30  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-030  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:13:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1591612 20.0 M  
 2 1.346 1.342 0.004 4320718 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.513 10.505 0.008 5923368 72.0  
 2 9.673 9.667 0.006 11633930 67.5  
 RPD = 6.50

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003697.D

Injection Date: 28-Feb-2019 09:37:17

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-48-A

Lab Sample ID: 460-176080-48

Worklist Smp#: 30

Client ID: PRA-B10-SI@8-8.5

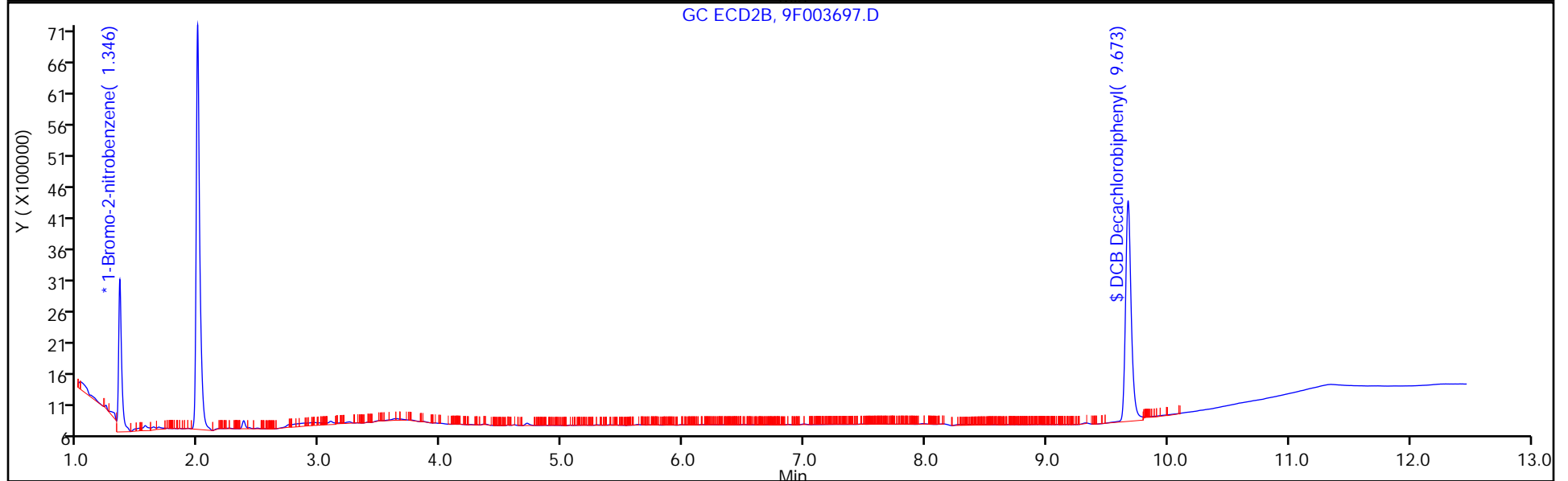
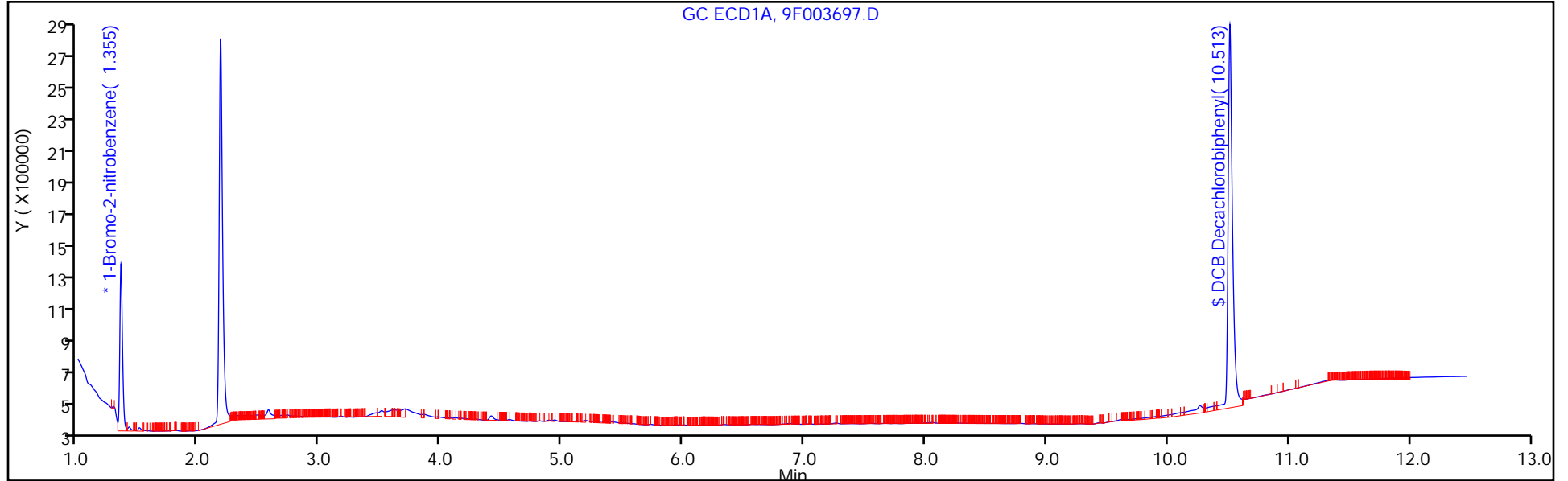
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 78

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



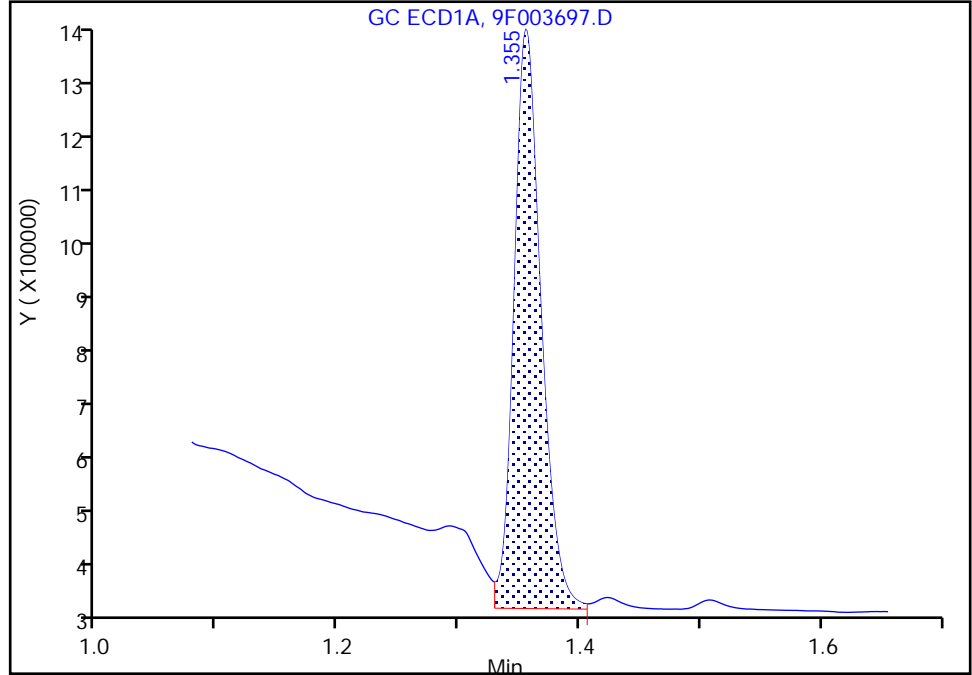
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003697.D  
Injection Date: 28-Feb-2019 09:37:17 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-48-A Lab Sample ID: 460-176080-48  
Client ID: PRA-B10-SI@8-8.5  
Operator ID: ALS Bottle#: 78 Worklist Smp#: 30  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

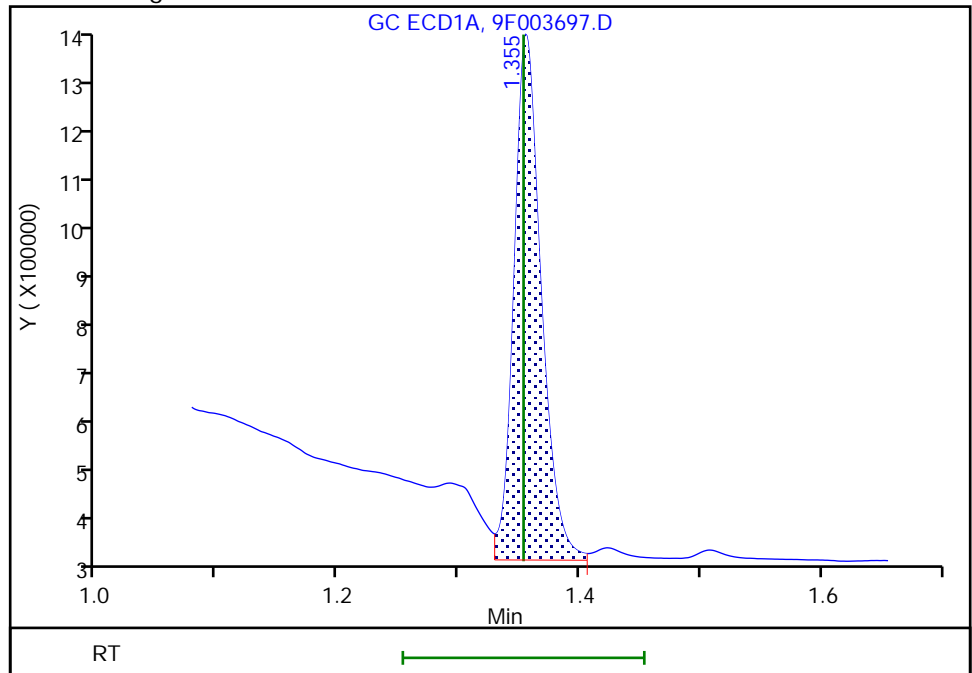
RT: 1.36  
Area: 1572126  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.36  
Area: 1591612  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:13:03  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-SI@8-8.5 Lab Sample ID: 460-176080-48  
 Matrix: Solid Lab File ID: 9F003697.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:42  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 09:37  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 15.3 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	79	11
11104-28-2	Aroclor 1221	11	U	79	11
11141-16-5	Aroclor 1232	11	U	79	11
53469-21-9	Aroclor 1242	11	U	79	11
12672-29-6	Aroclor 1248	11	U	79	11
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003697.D  
 Lims ID: 460-176080-A-48-A  
 Client ID: PRA-B10-SI@8-8.5  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 09:37:17 ALS Bottle#: 78 Worklist Smp#: 30  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-030  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:58:42 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 10:13:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.355 1.353 0.002 1591612 20.0 M  
 2 1.346 1.342 0.004 4320718 20.0 M  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.513 10.505 0.008 5923368 72.0  
 2 9.673 9.667 0.006 11633930 67.5  
 RPD = 6.50

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003697.D

Injection Date: 28-Feb-2019 09:37:17

Instrument ID: CPESTGC9

Operator ID:

Lims ID: 460-176080-A-48-A

Lab Sample ID: 460-176080-48

Worklist Smp#: 30

Client ID: PRA-B10-SI@8-8.5

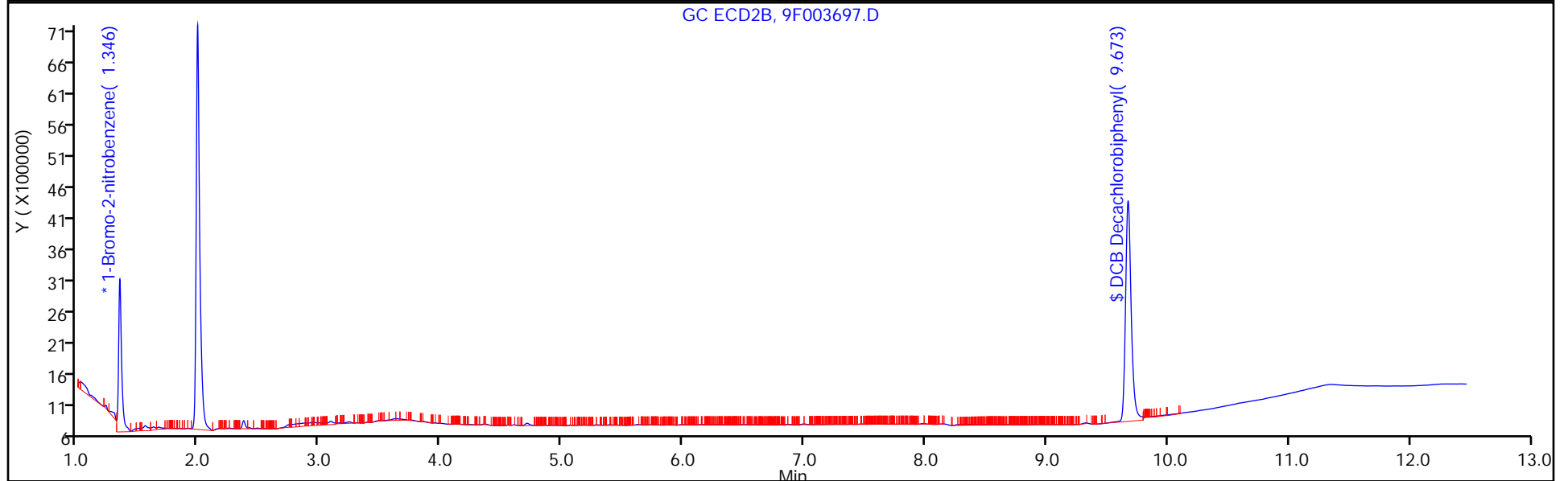
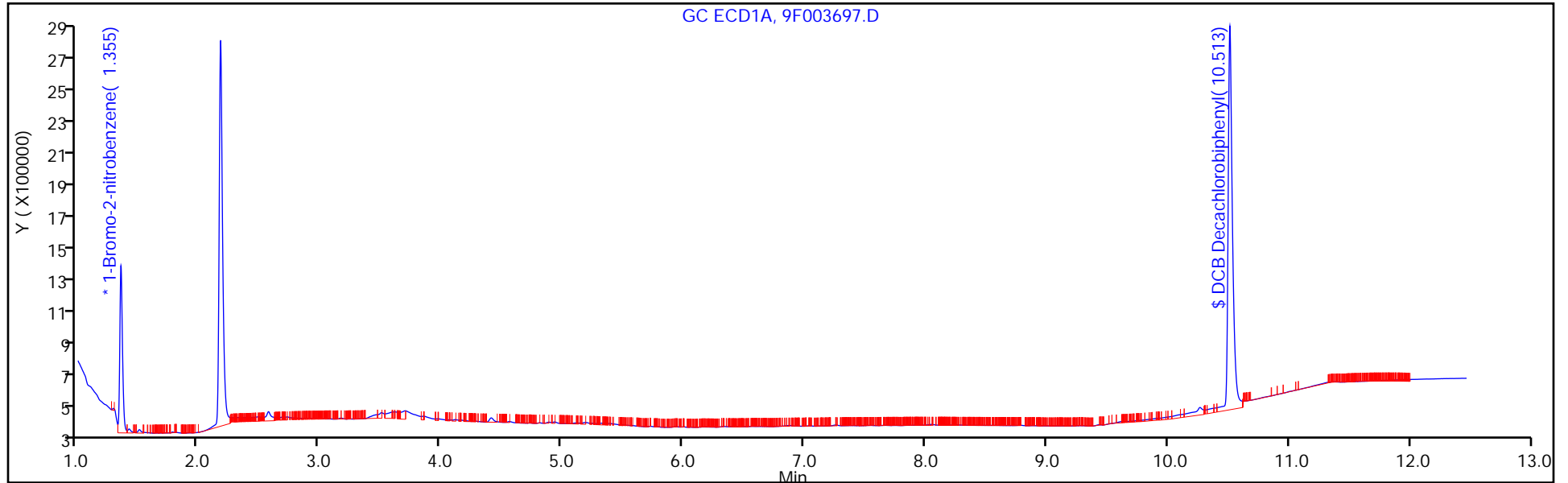
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 78

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



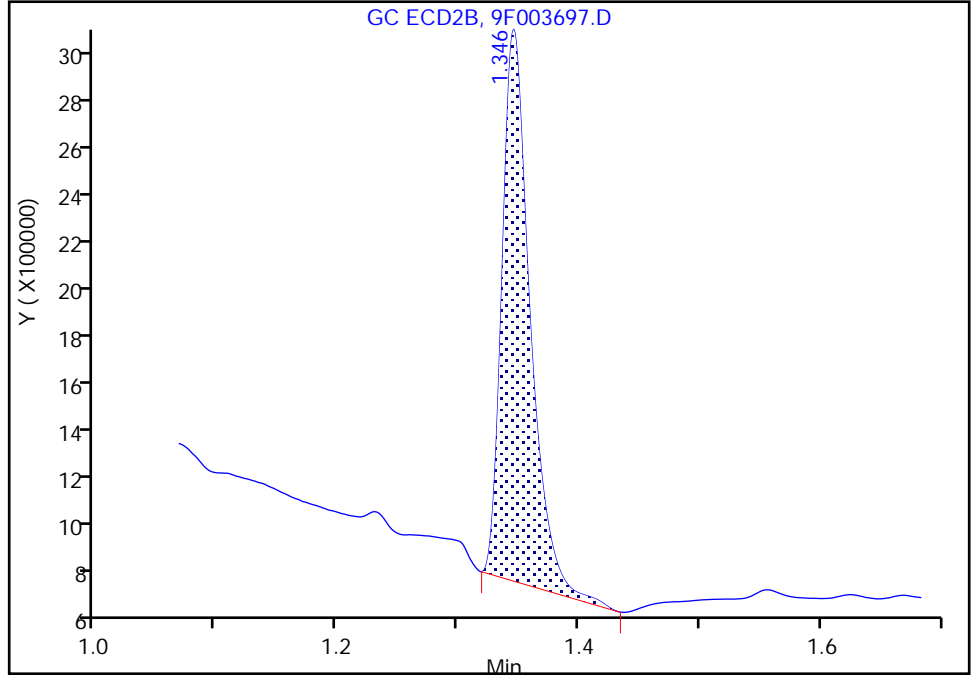
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003697.D  
Injection Date: 28-Feb-2019 09:37:17 Instrument ID: CPESTGC9  
Lims ID: 460-176080-A-48-A Lab Sample ID: 460-176080-48  
Client ID: PRA-B10-SI@8-8.5  
Operator ID: ALS Bottle#: 78 Worklist Smp#: 30  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

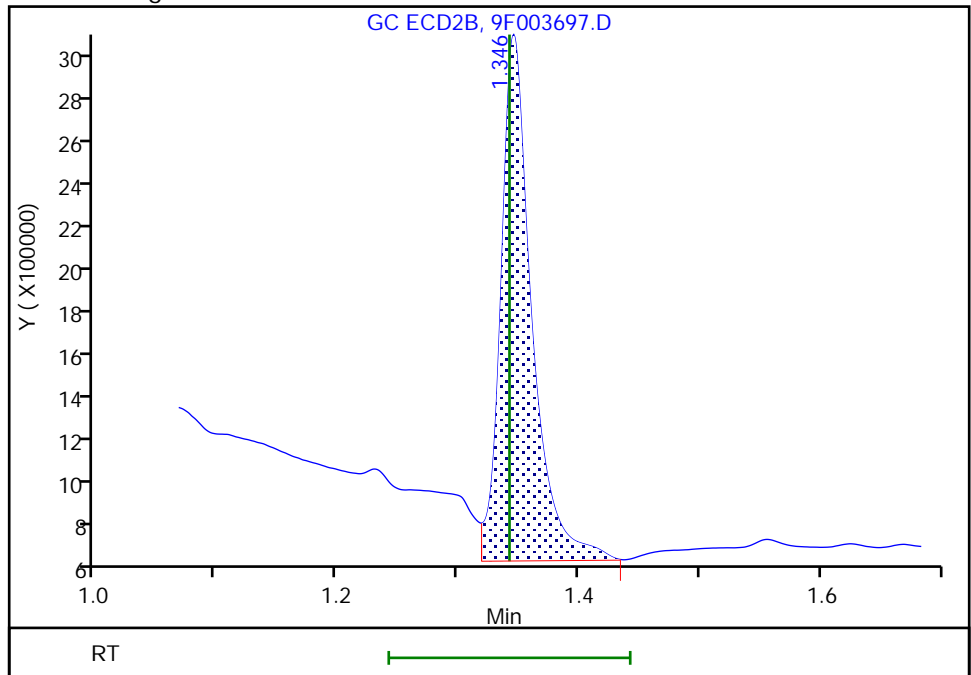
RT: 1.35  
Area: 3706386  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 4320718  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 10:12:51  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-176080-1</u>
SDG No.: _____	
Client Sample ID: <u>PRA-B10-SI@10.5-11</u>	Lab Sample ID: <u>460-176080-49</u>
Matrix: <u>Solid</u>	Lab File ID: <u>8F135778.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>02/22/2019 11:45</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>02/27/2019 17:50</u>
Sample wt/vol: <u>14.98 (g)</u>	Date Analyzed: <u>02/28/2019 11:31</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>16.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>592263</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135778.D  
 Lims ID: 460-176080-A-49-A  
 Client ID: PRA-B10-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 11:31:13 ALS Bottle#: 24 Worklist Smp#: 24  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-024  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:00:38 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 12:07:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.415	1.414	0.001	1462112	20.0	
2	1.398	1.396	0.002	1318085	20.0	
						RPD = 0.00

\$ 11 DCB Decachlorobiphenyl

1	10.661	10.670	-0.009	4707038	57.8	
2	9.820	9.818	0.002	5953780	58.7	
						RPD = 1.67

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135778.D

Injection Date: 28-Feb-2019 11:31:13

Instrument ID: CPESTGC8

Operator ID:

Lims ID: 460-176080-A-49-A

Lab Sample ID: 460-176080-49

Worklist Smp#: 24

Client ID: PRA-B10-SI@10.5-11

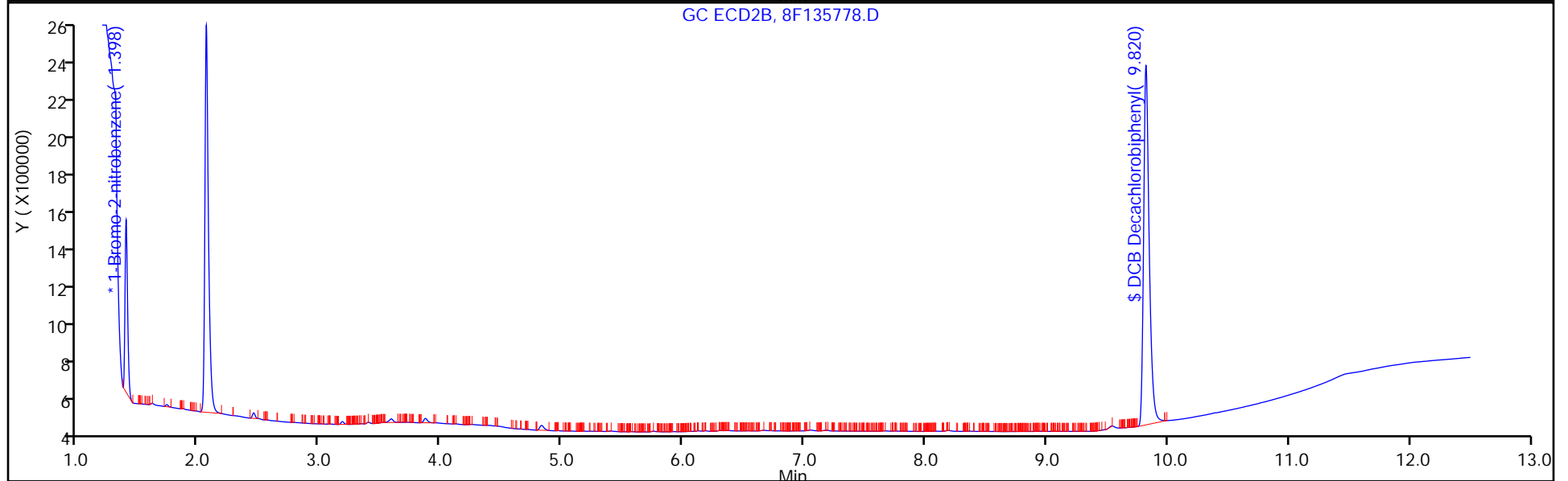
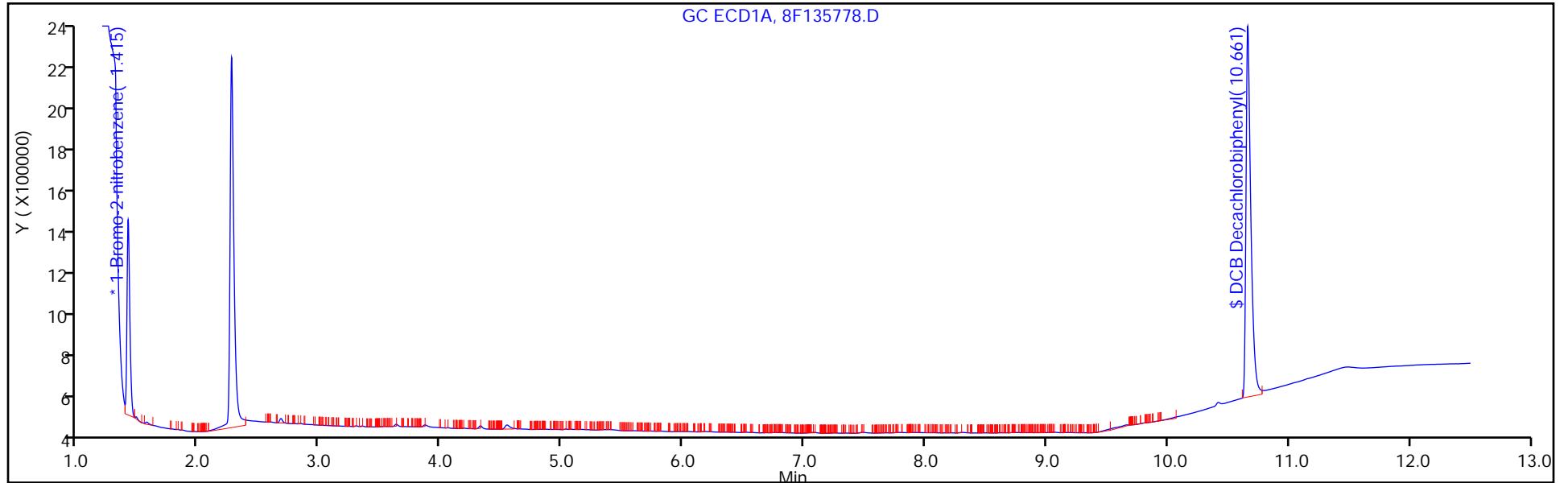
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-SI@10.5-11 Lab Sample ID: 460-176080-49  
 Matrix: Solid Lab File ID: 8F135778.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:45  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 14.98(g) Date Analyzed: 02/28/2019 11:31  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 16.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	80	11
11104-28-2	Aroclor 1221	11	U	80	11
11141-16-5	Aroclor 1232	11	U	80	11
53469-21-9	Aroclor 1242	11	U	80	11
12672-29-6	Aroclor 1248	11	U	80	11
11097-69-1	Aroclor 1254	11	U	80	11
11096-82-5	Aroclor 1260	11	U	80	11
37324-23-5	Aroclor 1262	11	U	80	11
11100-14-4	Aroclor 1268	11	U	80	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135778.D  
 Lims ID: 460-176080-A-49-A  
 Client ID: PRA-B10-SI@10.5-11  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 11:31:13 ALS Bottle#: 24 Worklist Smp#: 24  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-024  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:00:38 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 12:07:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.415	1.414	0.001	1462112	20.0	
2	1.398	1.396	0.002	1318085	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	10.661	10.670	-0.009	4707038	57.8	
2	9.820	9.818	0.002	5953780	58.7	
RPD = 1.67						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135778.D

Injection Date: 28-Feb-2019 11:31:13

Instrument ID: CPESTGC8

Operator ID:

Lims ID: 460-176080-A-49-A

Lab Sample ID: 460-176080-49

Worklist Smp#: 24

Client ID: PRA-B10-SI@10.5-11

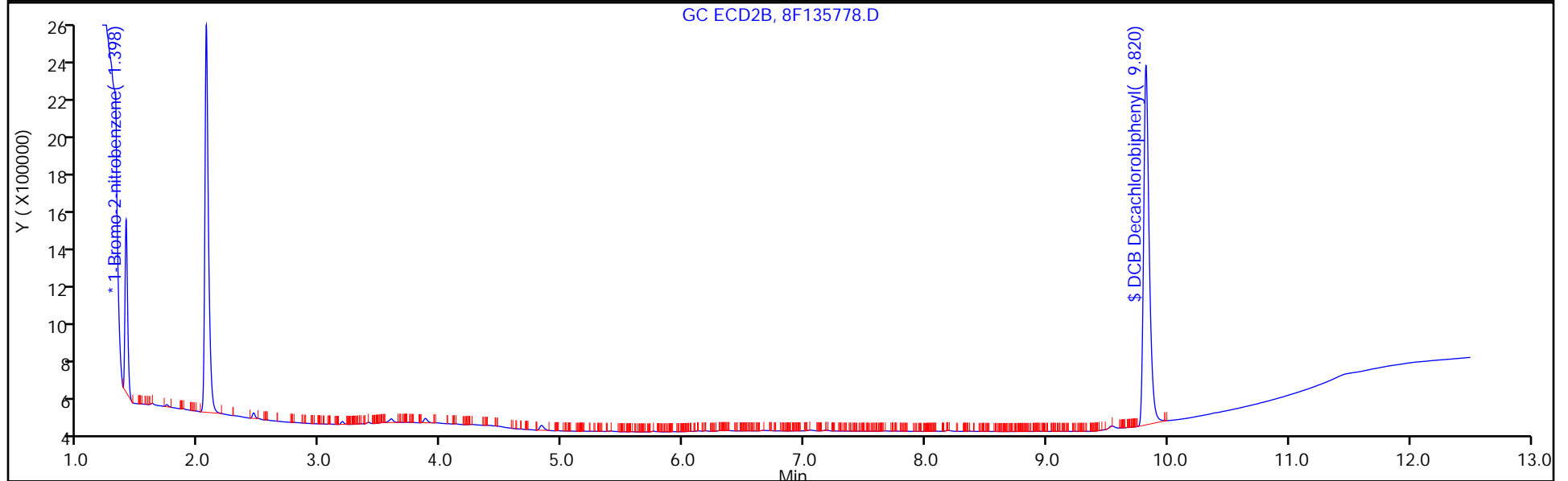
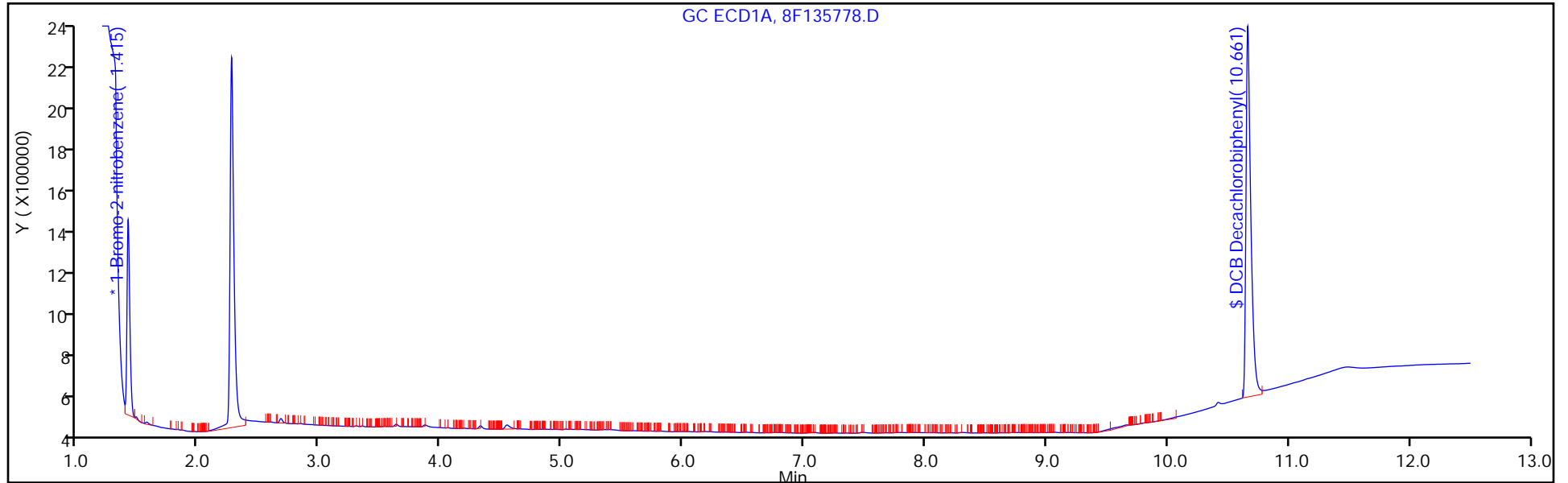
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-SD@19.5-20 Lab Sample ID: 460-176080-50  
 Matrix: Solid Lab File ID: 8F135779.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:50  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 11:48  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: 18.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135779.D  
 Lims ID: 460-176080-A-50-A  
 Client ID: PRA-B10-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 11:48:59 ALS Bottle#: 25 Worklist Smp#: 25  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-025  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:00:38 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 12:07:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.415 1.414 0.001 1456514 20.0  
 2 1.397 1.396 0.001 1404333 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.663 10.670 -0.007 5059959 62.3  
 2 9.821 9.818 0.003 6340026 58.7  
 RPD = 5.99

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135779.D

Injection Date: 28-Feb-2019 11:48:59

Instrument ID: CPESTGC8

Operator ID:

Lims ID: 460-176080-A-50-A

Lab Sample ID: 460-176080-50

Worklist Smp#: 25

Client ID: PRA-B10-SD@19.5-20

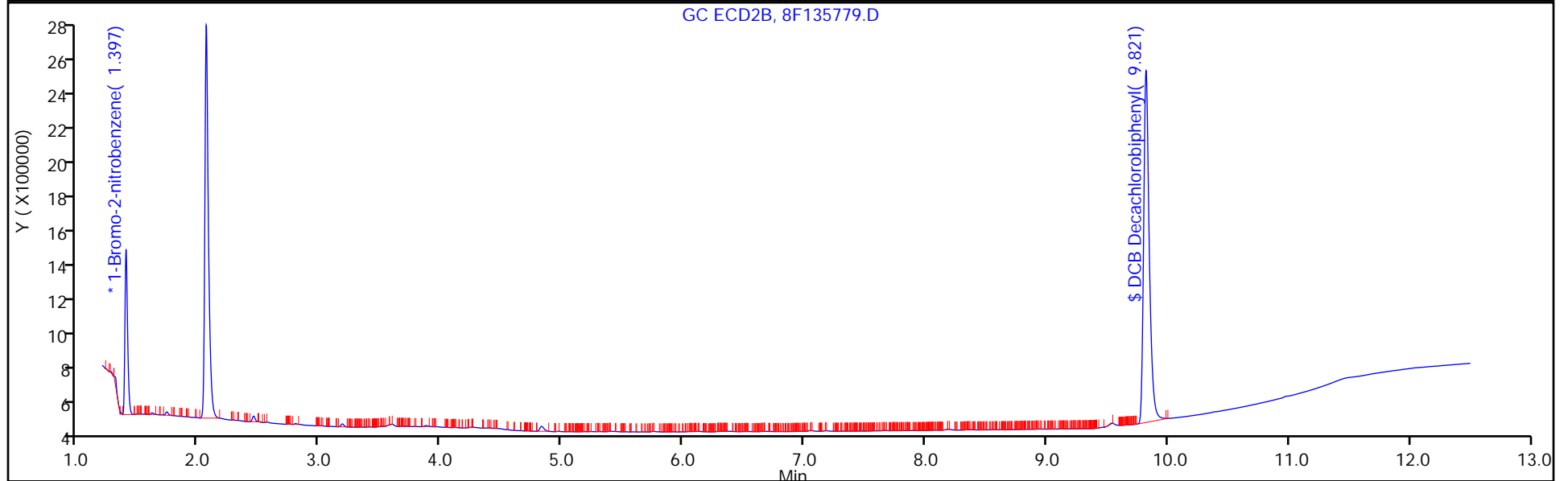
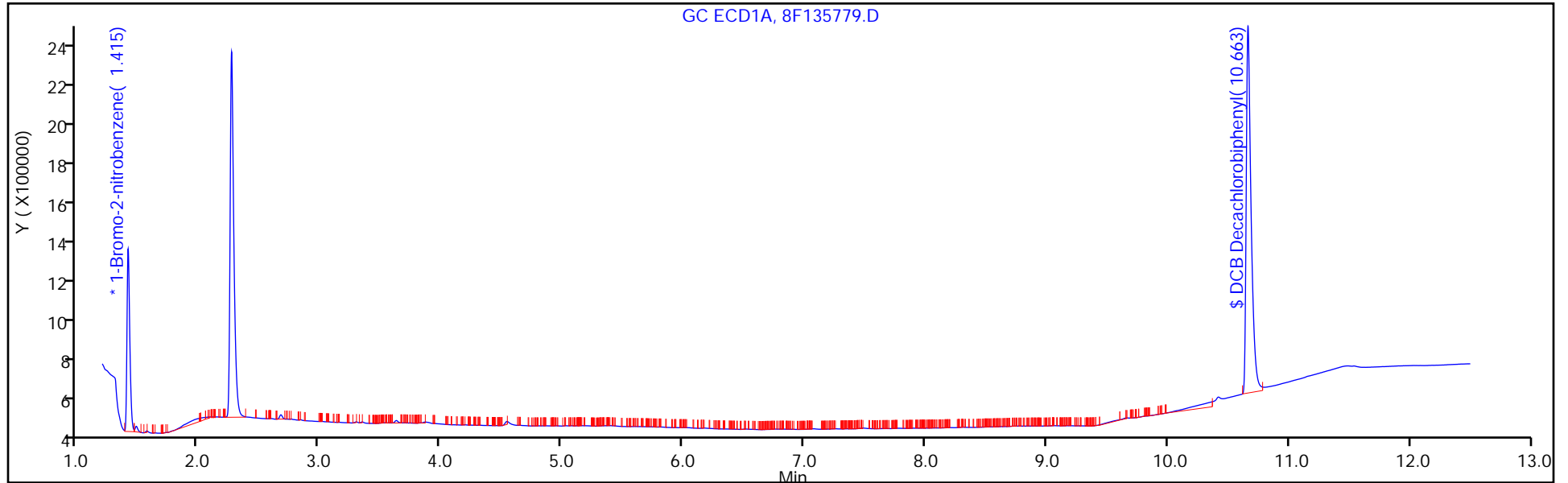
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B10-SD@19.5-20 Lab Sample ID: 460-176080-50  
 Matrix: Solid Lab File ID: 8F135779.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:50  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 11:48  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 18.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	82	11
11104-28-2	Aroclor 1221	11	U	82	11
11141-16-5	Aroclor 1232	11	U	82	11
53469-21-9	Aroclor 1242	11	U	82	11
12672-29-6	Aroclor 1248	11	U	82	11
11097-69-1	Aroclor 1254	11	U	82	11
11096-82-5	Aroclor 1260	11	U	82	11
37324-23-5	Aroclor 1262	11	U	82	11
11100-14-4	Aroclor 1268	11	U	82	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135779.D  
 Lims ID: 460-176080-A-50-A  
 Client ID: PRA-B10-SD@19.5-20  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 11:48:59 ALS Bottle#: 25 Worklist Smp#: 25  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-025  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:00:38 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 12:07:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.415 1.414 0.001 1456514 20.0  
 2 1.397 1.396 0.001 1404333 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.663 10.670 -0.007 5059959 62.3  
 2 9.821 9.818 0.003 6340026 58.7  
 RPD = 5.99

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135779.D

Injection Date: 28-Feb-2019 11:48:59

Instrument ID: CPESTGC8

Operator ID:

Lims ID: 460-176080-A-50-A

Lab Sample ID: 460-176080-50

Worklist Smp#: 25

Client ID: PRA-B10-SD@19.5-20

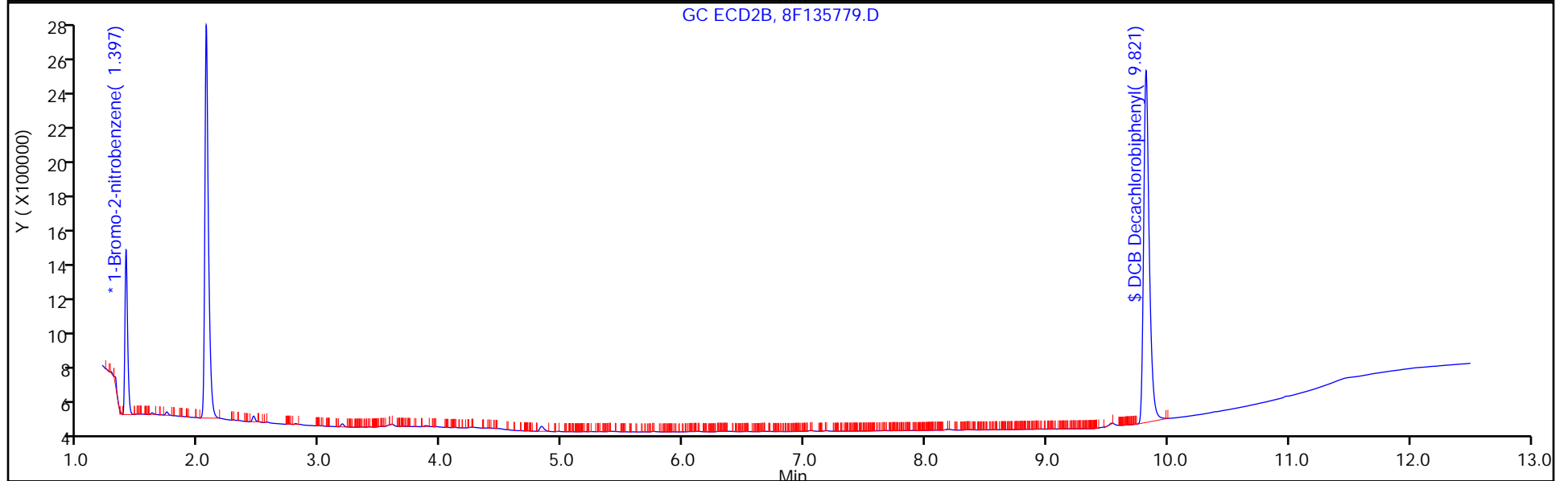
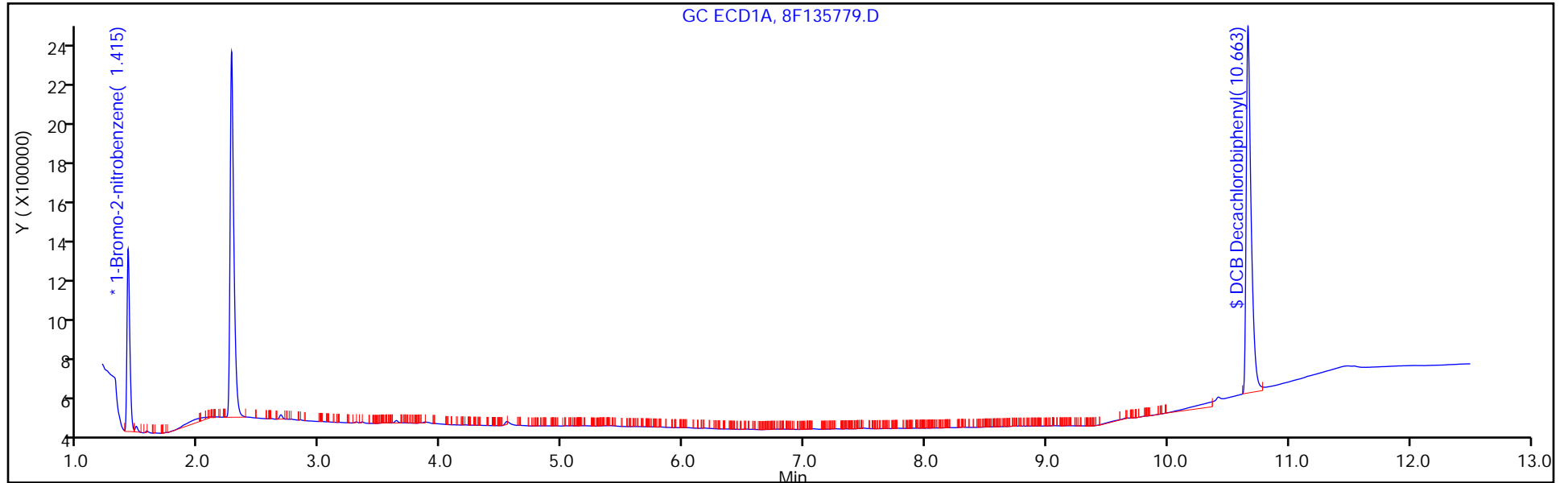
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP-1 Lab Sample ID: 460-176080-51  
 Matrix: Solid Lab File ID: 8F135780.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 00:00  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 12:06  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 14.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135780.D  
 Lims ID: 460-176080-A-51-A  
 Client ID: DUP-1  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 12:06:46 ALS Bottle#: 26 Worklist Smp#: 26  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-026  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:00:38 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 12:31:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene  
 1 1.414 1.414 0.000 1575647 20.0  
 2 1.398 1.396 0.002 1478924 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.669 10.670 -0.001 4716709 53.7  
 2 9.823 9.818 0.005 5899083 51.9  
 RPD = 3.49

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135780.D

Injection Date: 28-Feb-2019 12:06:46

Instrument ID: CPESTGC8

Operator ID:

Lims ID: 460-176080-A-51-A

Lab Sample ID: 460-176080-51

Worklist Smp#: 26

Client ID: DUP-1

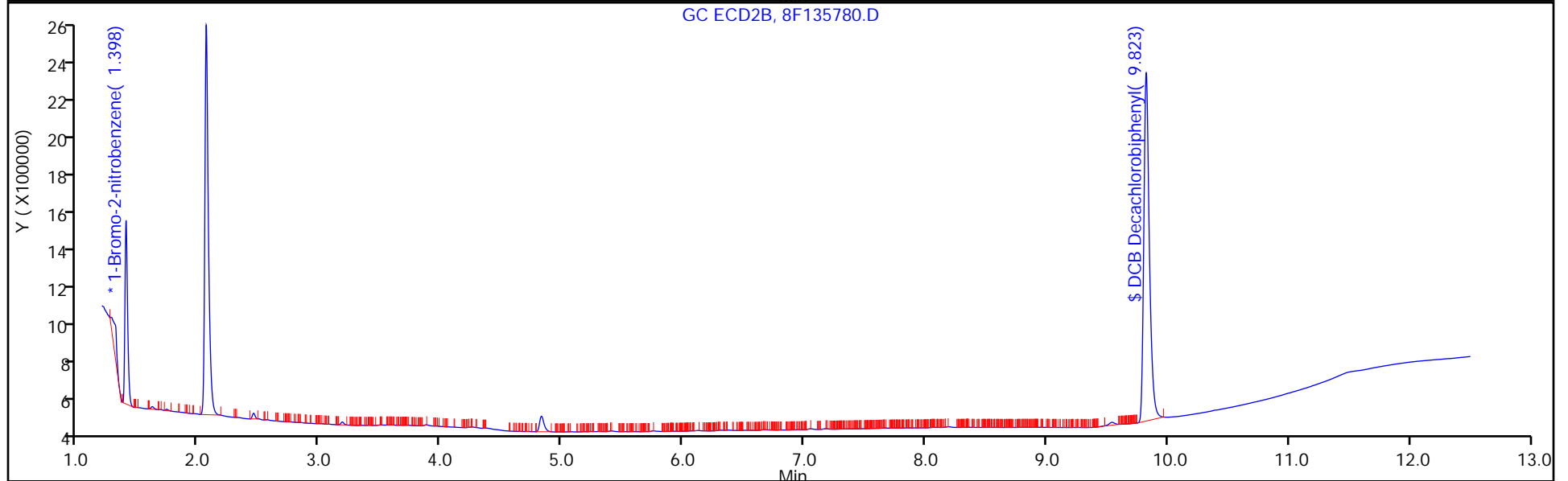
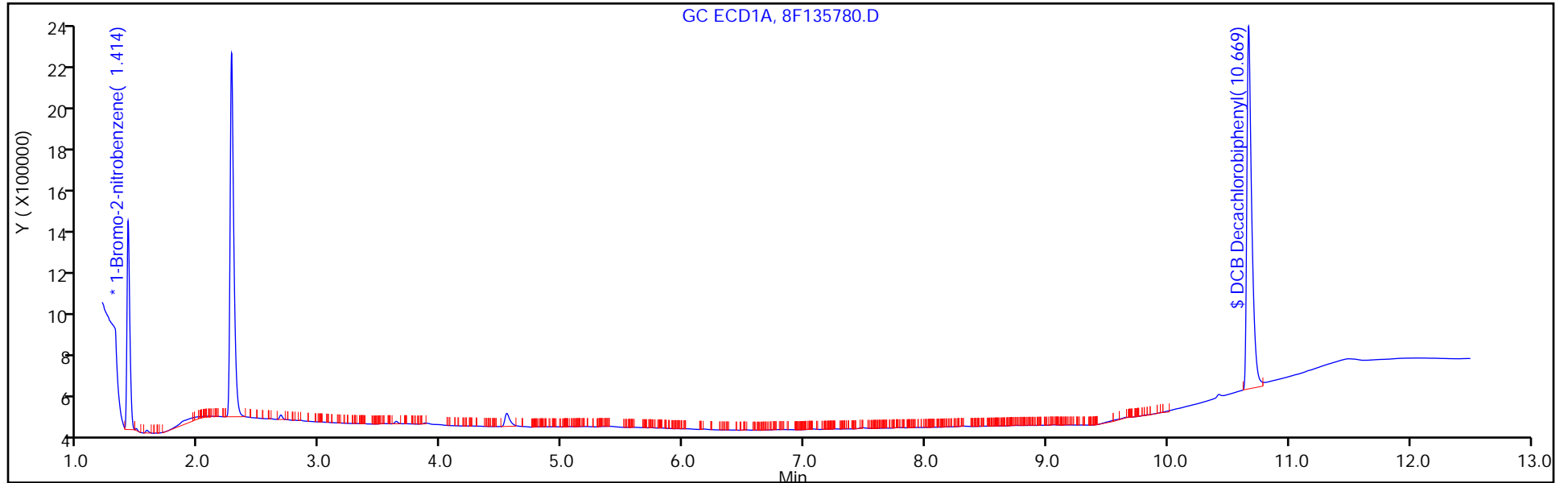
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP-1 Lab Sample ID: 460-176080-51  
 Matrix: Solid Lab File ID: 8F135780.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 00:00  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 12:06  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 14.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	79	10
11104-28-2	Aroclor 1221	10	U	79	10
11141-16-5	Aroclor 1232	10	U	79	10
53469-21-9	Aroclor 1242	10	U	79	10
12672-29-6	Aroclor 1248	10	U	79	10
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135780.D  
 Lims ID: 460-176080-A-51-A  
 Client ID: DUP-1  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 12:06:46 ALS Bottle#: 26 Worklist Smp#: 26  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-026  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:00:38 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 12:31:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 1.414 1.414 0.000 1575647 20.0  
 2 1.398 1.396 0.002 1478924 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 10.669 10.670 -0.001 4716709 53.7  
 2 9.823 9.818 0.005 5899083 51.9  
 RPD = 3.49

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135780.D

Injection Date: 28-Feb-2019 12:06:46

Instrument ID: CPESTGC8

Operator ID:

Lims ID: 460-176080-A-51-A

Lab Sample ID: 460-176080-51

Worklist Smp#: 26

Client ID: DUP-1

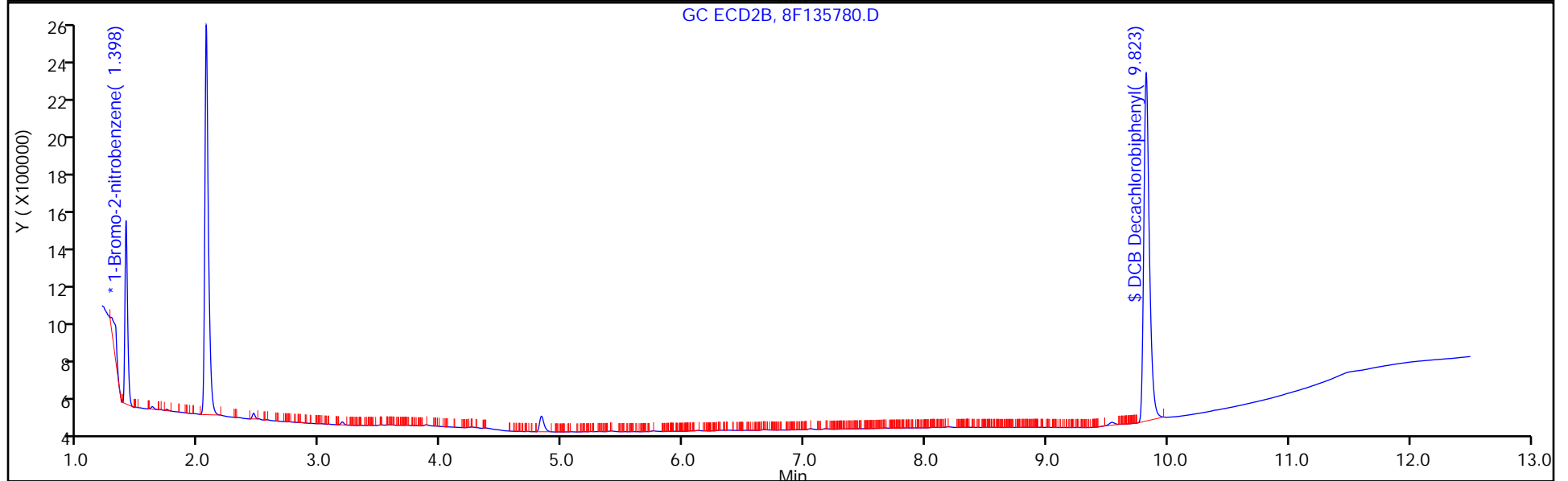
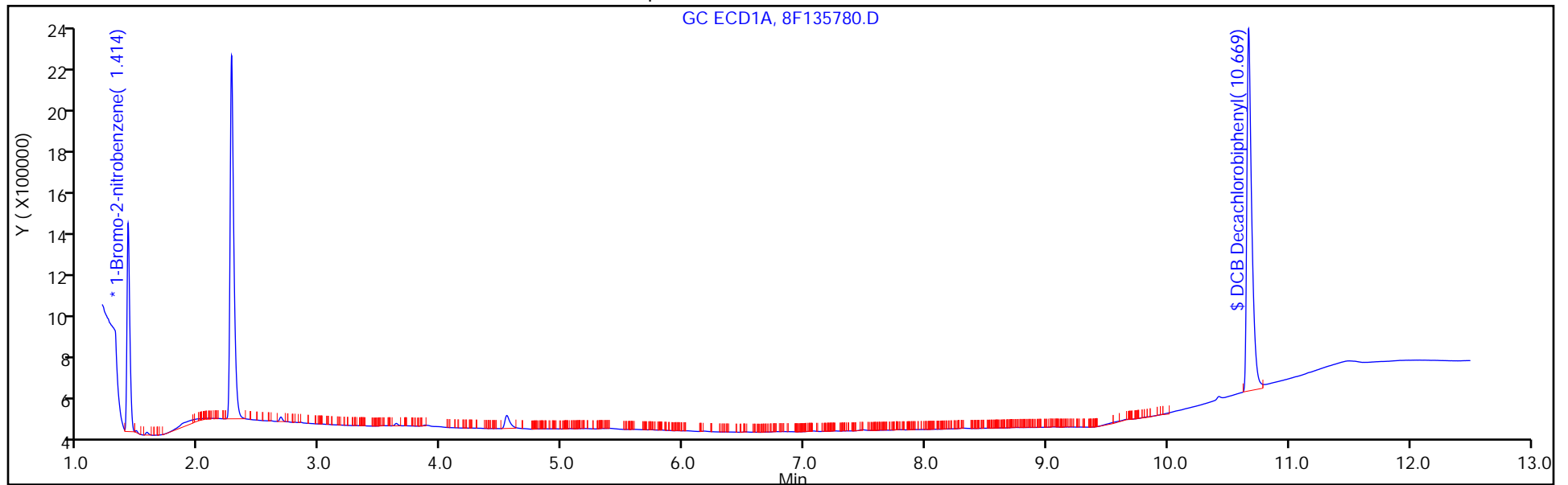
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP-2 Lab Sample ID: 460-176080-52  
 Matrix: Solid Lab File ID: 7R002277.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 00:00  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 15:37  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 25  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 11.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592351 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	7000		1900	260

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002277.D  
 Lims ID: 460-176080-A-52-A  
 Client ID: DUP-2  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 15:37:34 ALS Bottle#: 33 Worklist Smp#: 16  
 Injection Vol: 1.0 ul Dil. Factor: 25.0000  
 Sample Info: 460-0087198-016  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 16:01:01 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 16:01:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.387	-0.010	67526	20.0	
2	2.827	2.827	0.000	29748	20.0	
					RPD = 0.00	

4 PCB-1242

1	6.217	6.237	-0.020	35997	1009.3	M
1	7.000	7.017	-0.017	77732	1383.2	M
1	7.823	7.843	-0.020	177680	1429.5	M
1	8.063	8.083	-0.020	33956	659.7	M
1	8.240	8.260	-0.020	71318	1465.7	M
1	9.103	9.123	-0.020	100069	1706.0	M
1	9.553	9.573	-0.020	146067	1975.0	M
1	9.623	9.637	-0.014	148036	1998.3	M
					Average of Peak Amounts =	1453.3
2	4.937	4.960	-0.023	38706	1112.4	
2	5.587	5.610	-0.023	107560	1636.3	
2	5.930	5.957	-0.027	71129	1686.0	
2	6.400	6.427	-0.027	202506	1693.2	
2	6.630	6.657	-0.027	83312	1558.1	
2	7.337	7.363	-0.026	105122	1943.5	
2	8.080	8.083	-0.003	156075	1858.9	
2	8.413	8.453	-0.040	92129	2053.8	
					Average of Peak Amounts =	1692.8
					RPD = 15.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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8	PCB-1260					M
1	10.847	10.860	-0.013	71758	488.2	M
1	11.193	11.200	-0.007	96443	409.7	M
1	11.710	11.717	-0.007	127677	360.6	M
1	12.963	12.973	-0.010	88499	364.8	M
1	13.750	13.757	-0.007	75204	341.0	
1	14.417	14.423	-0.006	156549	342.3	
1	15.250	15.257	-0.007	105057	324.9	
1	16.347	16.350	-0.003	34886	348.7	
	Average of Peak Amounts =				372.5	
2	9.370	9.373	-0.003	37341	389.0	
2	10.277	10.280	-0.003	51706	315.7	
2	10.493	10.493	0.000	29341	377.1	
2	10.950	10.953	-0.003	28953	343.1	
2	11.650	11.653	-0.003	63669	340.8	
2	12.360	12.363	-0.003	30326	304.7	
2	12.623	12.627	-0.004	17959	357.5	
2	14.083	14.083	0.000	15465	339.7	
	Average of Peak Amounts =				345.9	
					RPD = 7.40	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002277.D

Injection Date: 28-Feb-2019 15:37:34

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-52-A

Lab Sample ID: 460-176080-52

Worklist Smp#: 16

Client ID: DUP-2

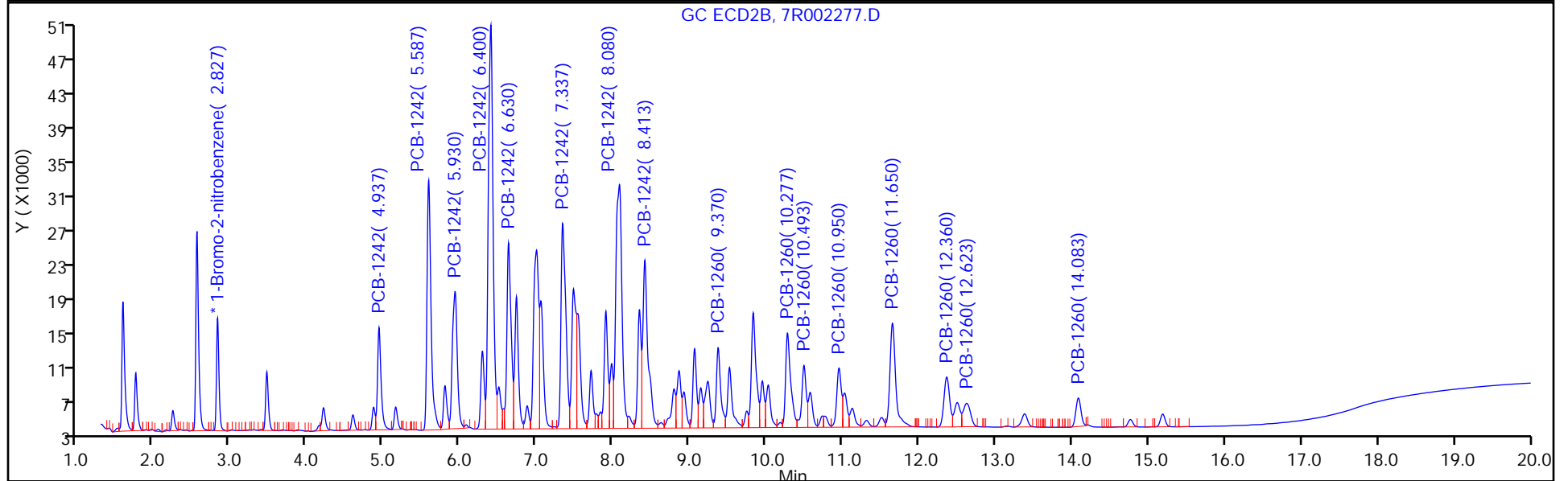
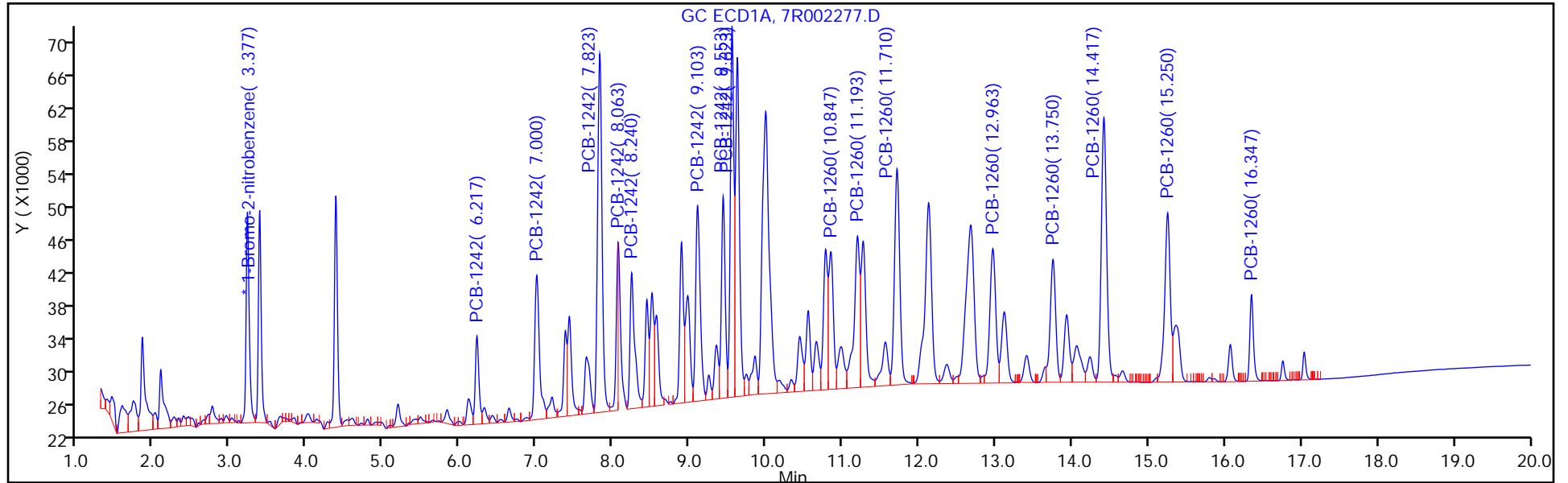
Injection Vol: 1.0 ul

Dil. Factor: 25.0000

ALS Bottle#: 33

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD

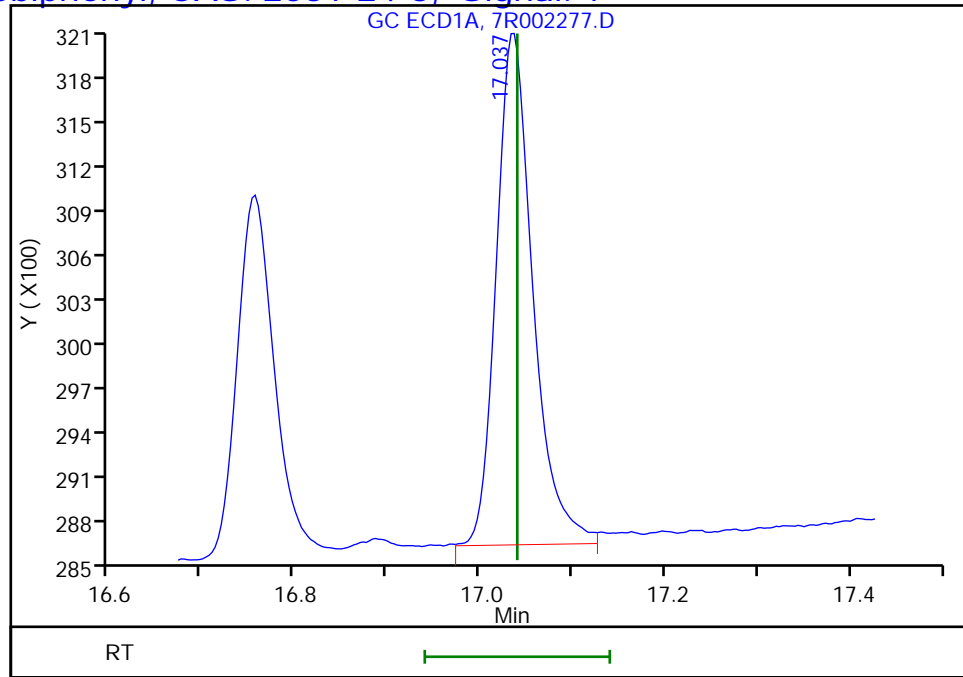


TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002277.D  
Injection Date: 28-Feb-2019 15:37:34 Instrument ID: CPESTGC7  
Lims ID: 460-176080-A-52-A Lab Sample ID: 460-176080-52  
Client ID: DUP-2  
Operator ID: ALS Bottle#: 33 Worklist Smp#: 16  
Injection Vol: 1.0 ul Dil. Factor: 25.0000  
Method: 8082.ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 1**

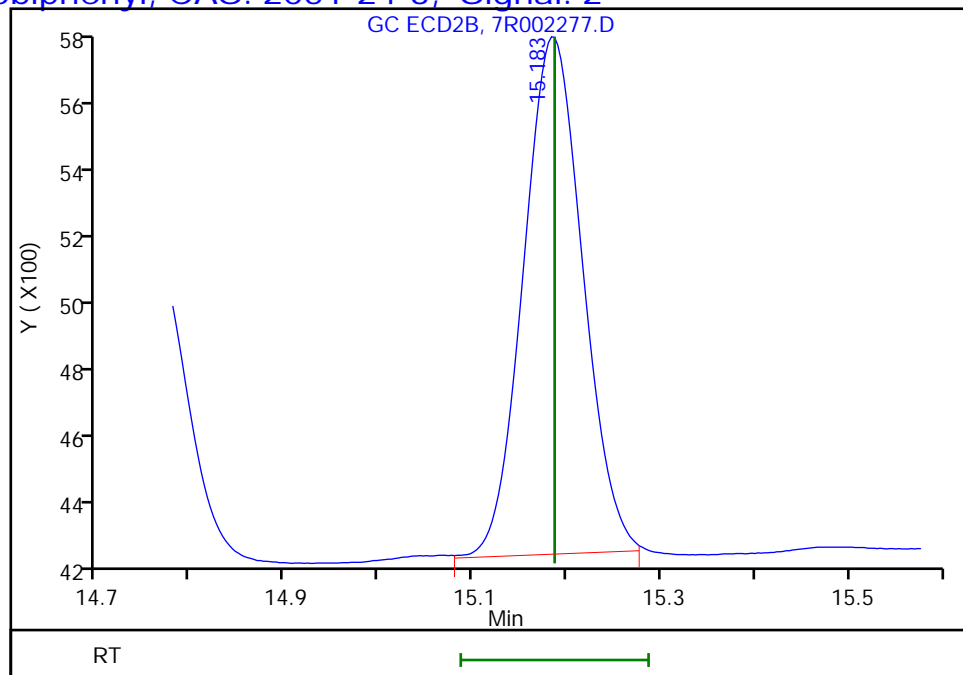
RT: 17.04  
Response: 9231  
Amount: 3.277407



Column: Detector GC ECD2B

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 2**

RT: 15.18  
Response: 6445  
Amount: 3.520691



Reviewer: patelji, 28-Feb-2019 16:01:01  
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002277.D

Injection Date: 28-Feb-2019 15:37:34

Instrument ID: CPESTGC7

Lims ID: 460-176080-A-52-A

Lab Sample ID: 460-176080-52

Client ID: DUP-2

Operator ID:

ALS Bottle#: 33

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 25.0000

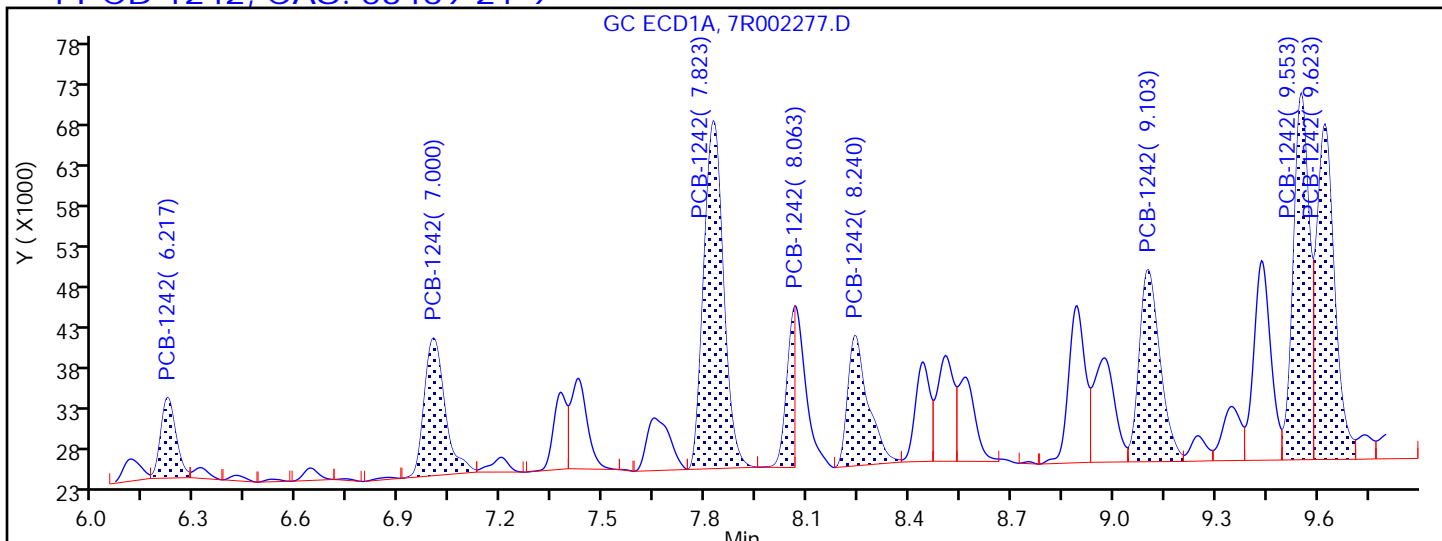
Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD

Column:

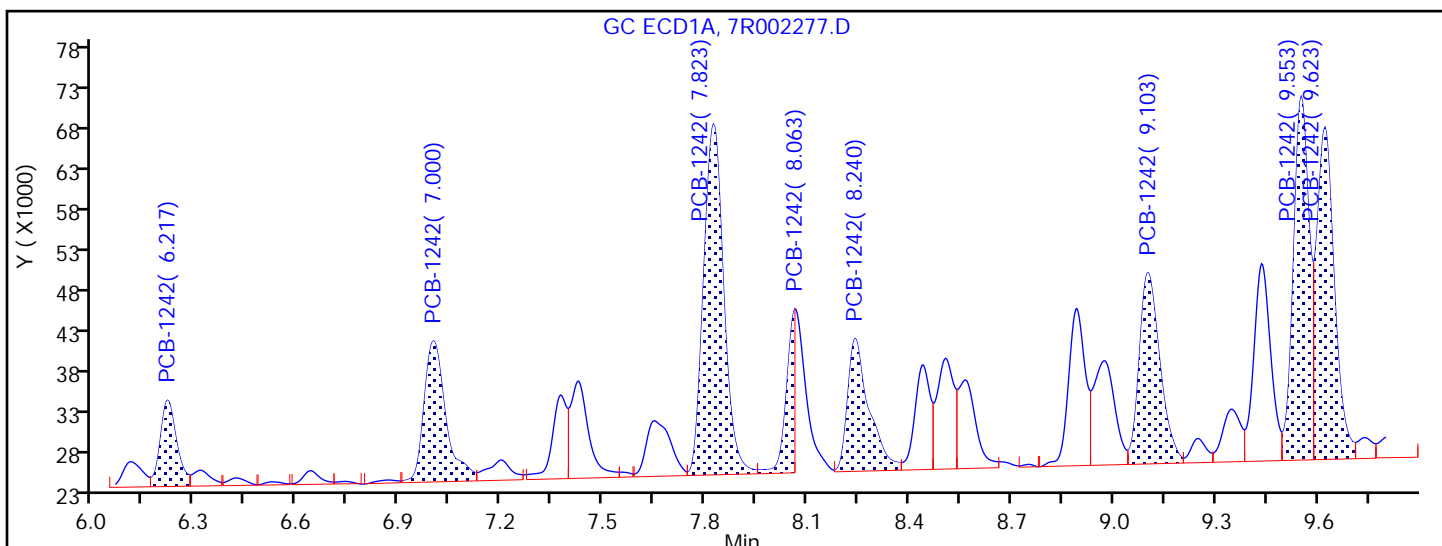
Detector: GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

6.217	Response = 30975
7.000	Response = 71264
7.823	Response = 172044
8.063	Response = 31279
8.240	Response = 66155
9.103	Response = 100784
9.553	Response = 147663
9.623	Response = 150678



Manual Integration Results

6.217	Response = 35997	M
7.000	Response = 77732	M
7.823	Response = 177680	M
8.063	Response = 33956	M
8.240	Response = 71318	M
9.103	Response = 100069	M



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002277.D

Injection Date: 28-Feb-2019 15:37:34

Instrument ID: CPESTGC7

Lims ID: 460-176080-A-52-A

Lab Sample ID: 460-176080-52

Client ID: DUP-2

Operator ID:

ALS Bottle#: 33 Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 25.0000

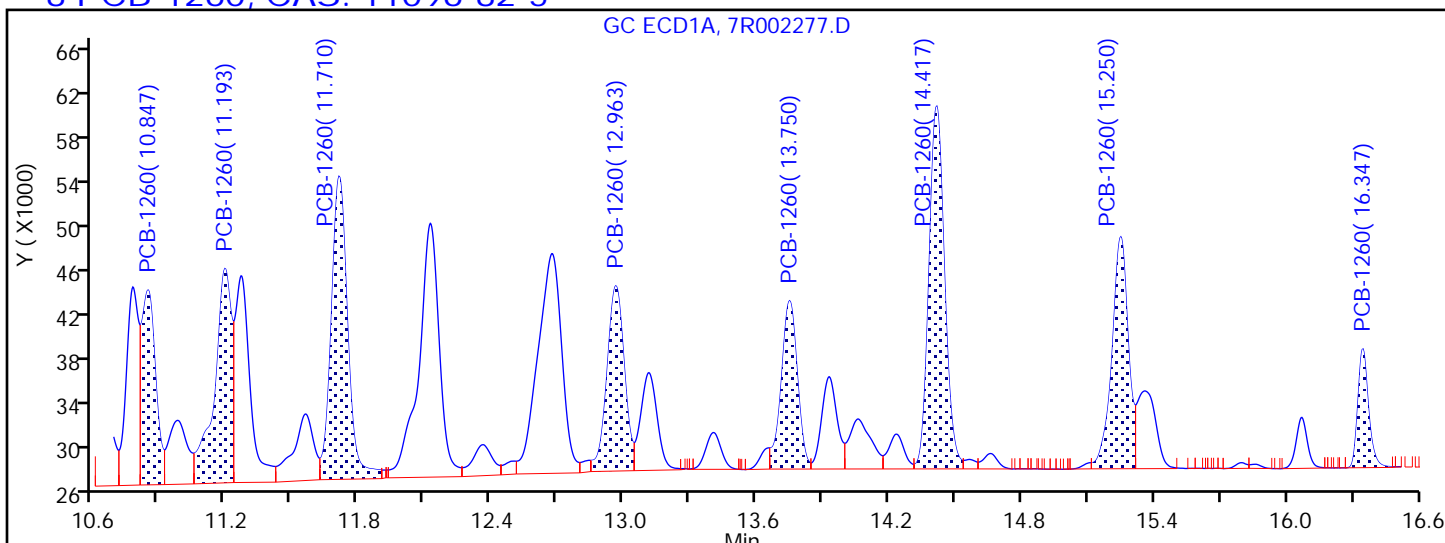
Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD

Column:

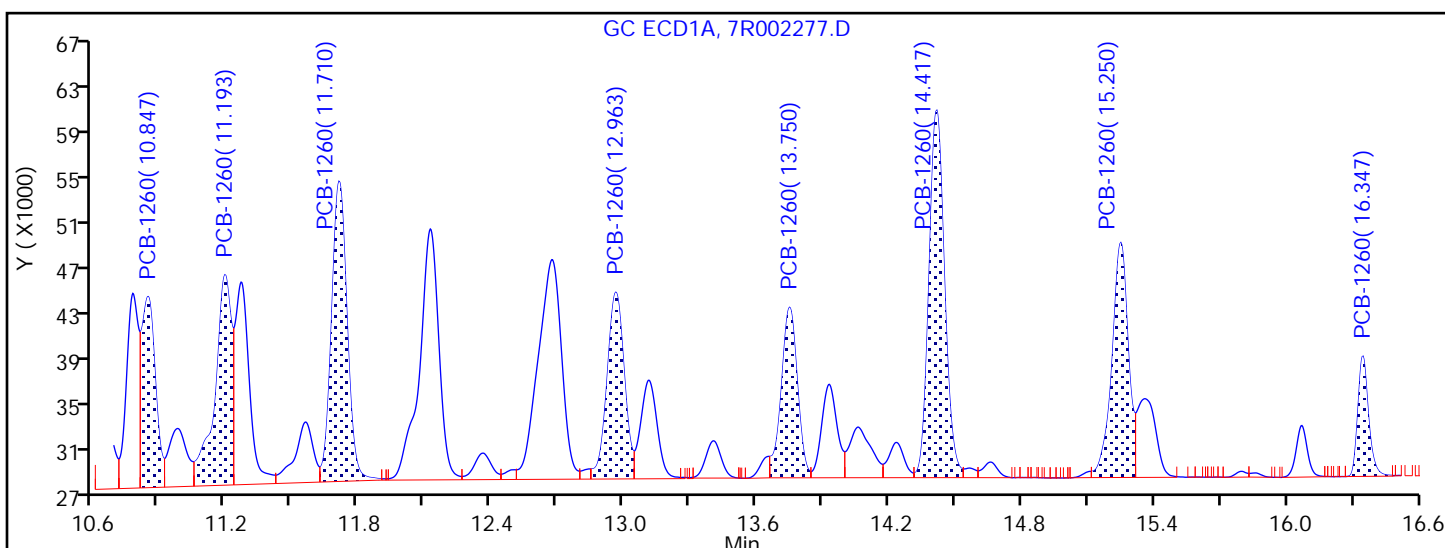
Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

10.847	Response = 75325
11.193	Response = 102664
11.710	Response = 137891
12.963	Response = 89443
13.750	Response = 75204
14.417	Response = 156549
15.250	Response = 105057
16.347	Response = 34886



Manual Integration Results

10.847	Response = 71758	M
11.193	Response = 96443	M
11.710	Response = 127677	M
12.963	Response = 88499	M
13.750	Response = 75204	M
14.417	Response = 156549	M

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP-2 Lab Sample ID: 460-176080-52  
 Matrix: Solid Lab File ID: 7R002277.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 00:00  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 15:37  
 Con. Extract Vol.: 10(mL) Dilution Factor: 25  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: 11.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592351 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	250	U	1900	250
11104-28-2	Aroclor 1221	250	U	1900	250
11141-16-5	Aroclor 1232	250	U	1900	250
53469-21-9	Aroclor 1242	32000		1900	250
12672-29-6	Aroclor 1248	250	U	1900	250
11097-69-1	Aroclor 1254	260	U	1900	260
37324-23-5	Aroclor 1262	260	U	1900	260
11100-14-4	Aroclor 1268	260	U	1900	260

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002277.D  
 Lims ID: 460-176080-A-52-A  
 Client ID: DUP-2  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 15:37:34 ALS Bottle#: 33 Worklist Smp#: 16  
 Injection Vol: 1.0 ul Dil. Factor: 25.0000  
 Sample Info: 460-0087198-016  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 16:01:01 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 16:01:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.387	-0.010	67526	20.0	
2	2.827	2.827	0.000	29748	20.0	
					RPD = 0.00	

4 PCB-1242

1	6.217	6.237	-0.020	35997	1009.3	M
1	7.000	7.017	-0.017	77732	1383.2	M
1	7.823	7.843	-0.020	177680	1429.5	M
1	8.063	8.083	-0.020	33956	659.7	M
1	8.240	8.260	-0.020	71318	1465.7	M
1	9.103	9.123	-0.020	100069	1706.0	M
1	9.553	9.573	-0.020	146067	1975.0	M
1	9.623	9.637	-0.014	148036	1998.3	M
					Average of Peak Amounts =	1453.3
2	4.937	4.960	-0.023	38706	1112.4	
2	5.587	5.610	-0.023	107560	1636.3	
2	5.930	5.957	-0.027	71129	1686.0	
2	6.400	6.427	-0.027	202506	1693.2	
2	6.630	6.657	-0.027	83312	1558.1	
2	7.337	7.363	-0.026	105122	1943.5	
2	8.080	8.083	-0.003	156075	1858.9	
2	8.413	8.453	-0.040	92129	2053.8	
					Average of Peak Amounts =	1692.8
					RPD = 15.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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8	PCB-1260					M
1	10.847	10.860	-0.013	71758	488.2	M
1	11.193	11.200	-0.007	96443	409.7	M
1	11.710	11.717	-0.007	127677	360.6	M
1	12.963	12.973	-0.010	88499	364.8	M
1	13.750	13.757	-0.007	75204	341.0	
1	14.417	14.423	-0.006	156549	342.3	
1	15.250	15.257	-0.007	105057	324.9	
1	16.347	16.350	-0.003	34886	348.7	
	Average of Peak Amounts =				372.5	
2	9.370	9.373	-0.003	37341	389.0	
2	10.277	10.280	-0.003	51706	315.7	
2	10.493	10.493	0.000	29341	377.1	
2	10.950	10.953	-0.003	28953	343.1	
2	11.650	11.653	-0.003	63669	340.8	
2	12.360	12.363	-0.003	30326	304.7	
2	12.623	12.627	-0.004	17959	357.5	
2	14.083	14.083	0.000	15465	339.7	
	Average of Peak Amounts =				345.9	
					RPD = 7.40	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002277.D

Injection Date: 28-Feb-2019 15:37:34

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-52-A

Lab Sample ID: 460-176080-52

Worklist Smp#: 16

Client ID: DUP-2

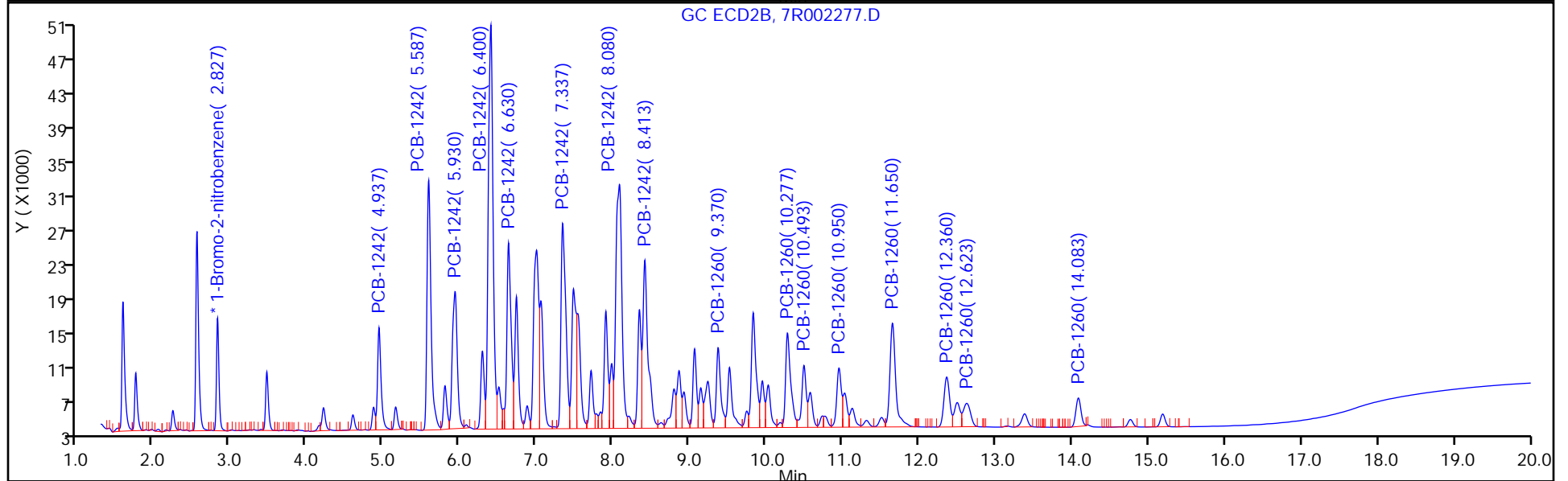
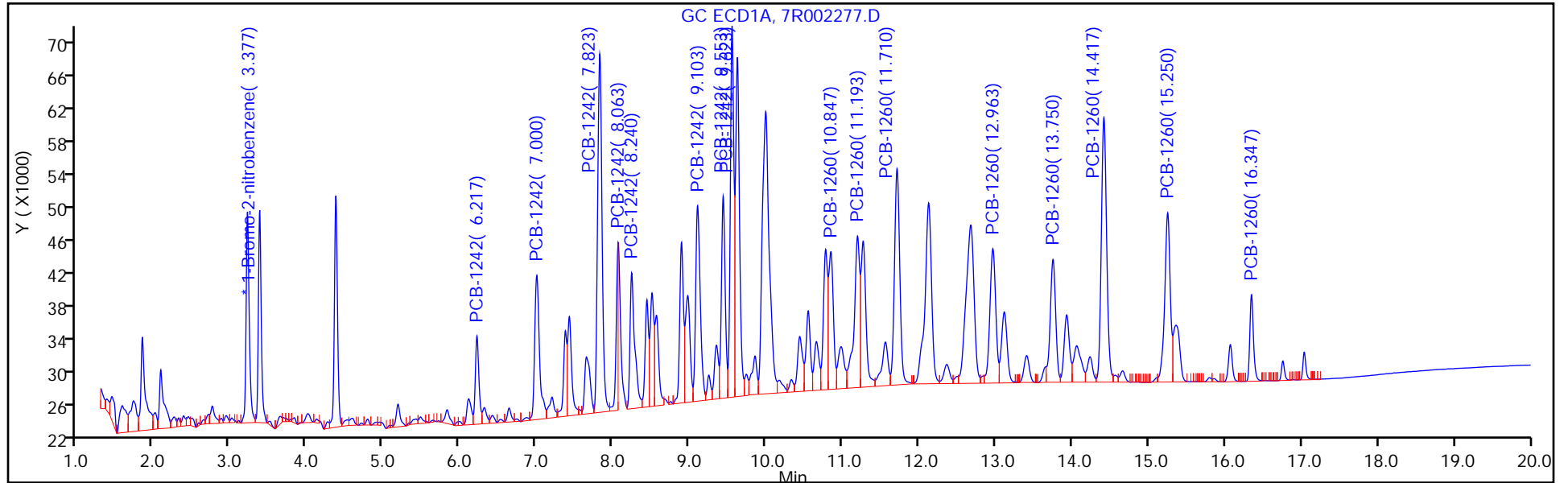
Injection Vol: 1.0 ul

Dil. Factor: 25.0000

ALS Bottle#: 33

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD

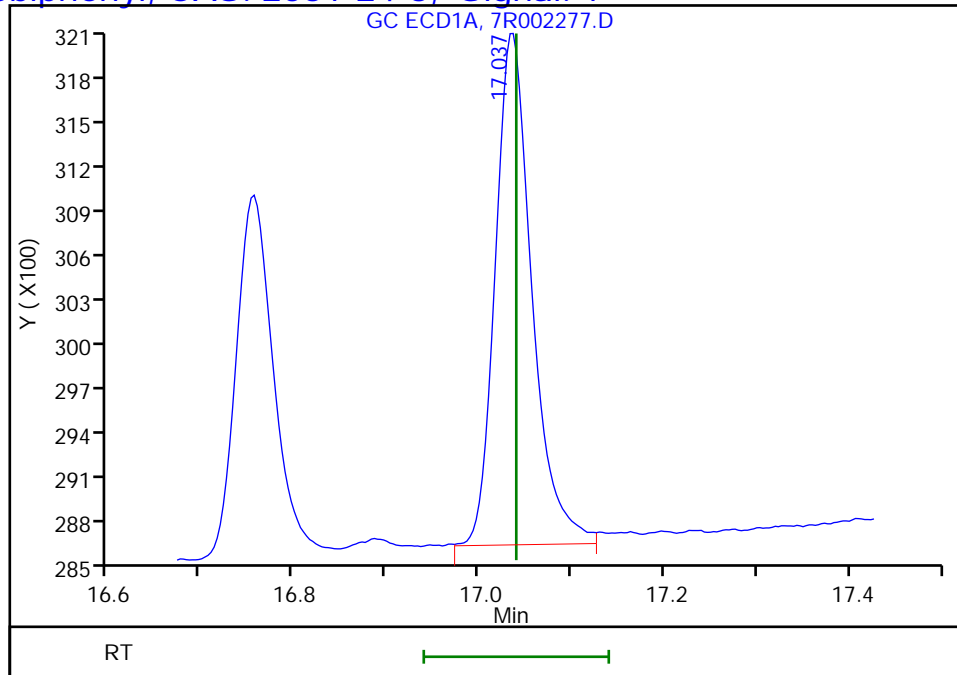


TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002277.D  
Injection Date: 28-Feb-2019 15:37:34 Instrument ID: CPESTGC7  
Lims ID: 460-176080-A-52-A Lab Sample ID: 460-176080-52  
Client ID: DUP-2  
Operator ID: ALS Bottle#: 33 Worklist Smp#: 16  
Injection Vol: 1.0 ul Dil. Factor: 25.0000  
Method: 8082.ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 1**

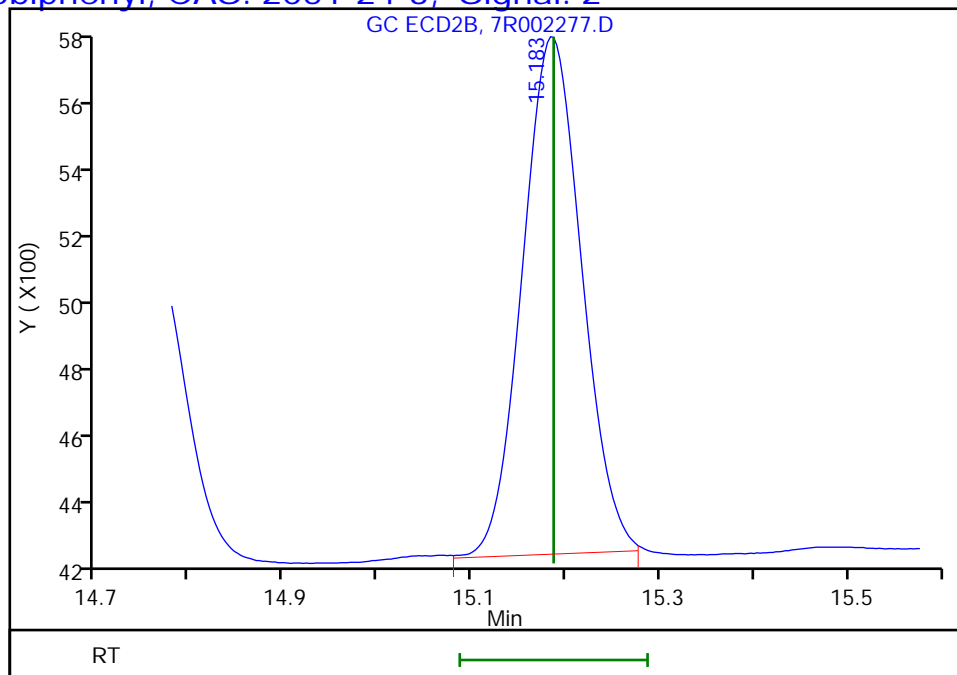
RT: 17.04  
Response: 9231  
Amount: 3.277407



Column: Detector GC ECD2B

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3, Signal: 2**

RT: 15.18  
Response: 6445  
Amount: 3.520691



Reviewer: patelji, 28-Feb-2019 16:01:01  
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP-3 Lab Sample ID: 460-176080-53  
 Matrix: Solid Lab File ID: 7R002276.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 00:00  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 15:14  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: 14.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592351 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	140		78	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002276.D  
 Lims ID: 460-176080-A-53-A  
 Client ID: DUP-3  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 15:14:17 ALS Bottle#: 32 Worklist Smp#: 15  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087198-015  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 16:01:01 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 15:45:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M

1	3.377	3.387	-0.010	82074	20.0	M
2	2.823	2.827	-0.004	36661	20.0	

RPD = 0.00

4 PCB-1242 M

1	6.220	6.237	-0.017	6791	156.7	M
1	6.993	7.017	-0.024	12520	183.3	M
1	7.827	7.843	-0.016	27168	179.8	M
1	8.067	8.083	-0.016	16972	271.3	M
1	8.243	8.260	-0.017	9675	163.6	M
1	9.103	9.123	-0.020	14677	205.9	M
1	9.553	9.573	-0.020	10922	121.5	M
1	0.000	9.637	0.000	0	0	

Average of Peak Amounts = 183.1

2	4.937	4.960	-0.023	10025	233.8	M
2	5.587	5.610	-0.023	13858	171.1	M
2	5.933	5.957	-0.024	10673	205.3	M
2	6.400	6.427	-0.027	20340	138.0	M
2	6.630	6.657	-0.027	9101	138.1	M
2	7.340	7.363	-0.023	12346	185.2	M
2	8.080	8.083	-0.003	15253	147.4	M
2	8.413	8.453	-0.040	8344	150.9	M

Average of Peak Amounts = 171.2

RPD = 6.73



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\$ 11 DCB Decachlorobiphenyl

1	17.037	17.040	-0.003	165743	48.4	
2	15.183	15.187	-0.004	117143	51.9	
					RPD = 7.00	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013                      Amount Added: 20.00                      Units: uL                      Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002276.D

Injection Date: 28-Feb-2019 15:14:17

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-53-A

Lab Sample ID: 460-176080-53

Worklist Smp#: 15

Client ID: DUP-3

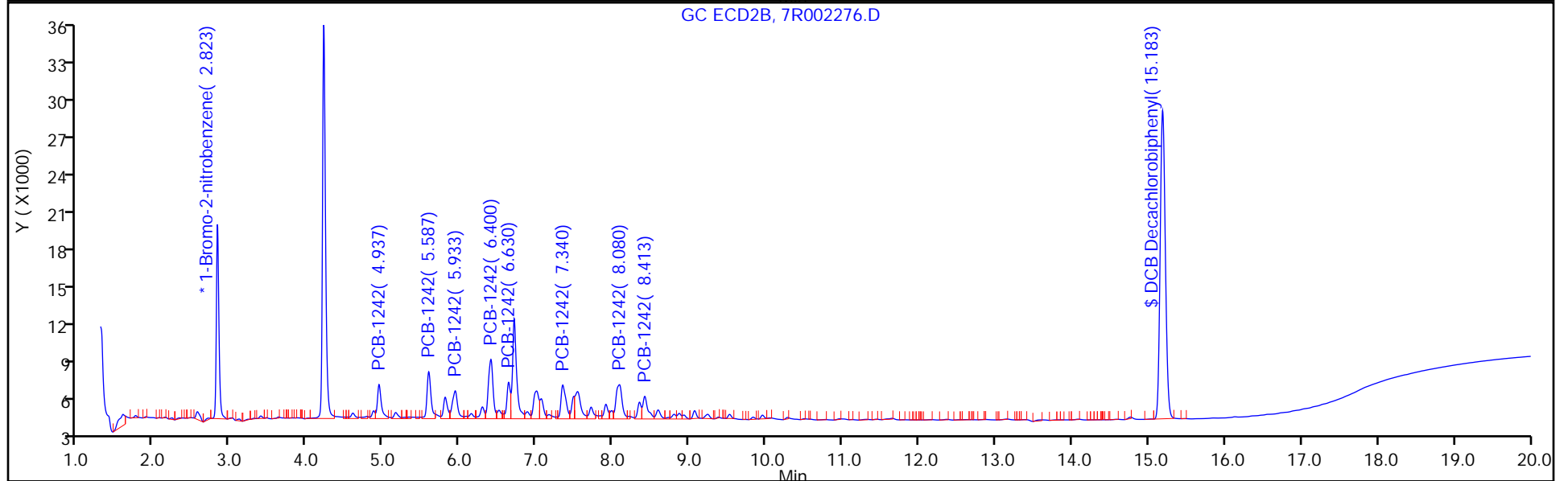
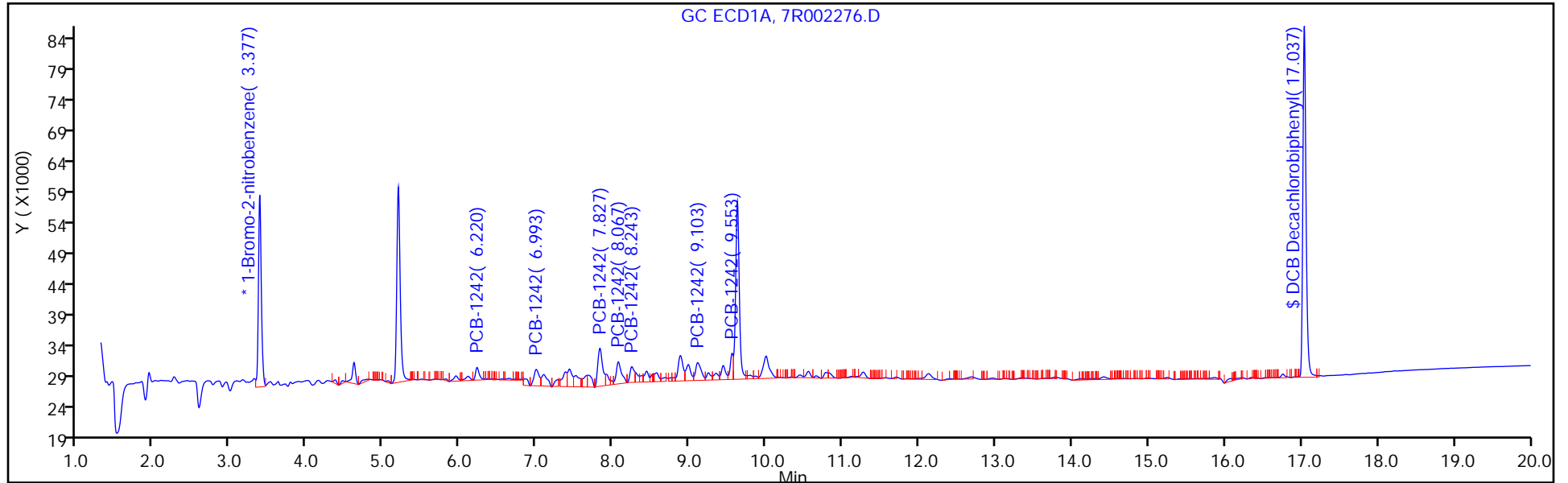
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 32

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002276.D

Injection Date: 28-Feb-2019 15:14:17

Instrument ID: CPESTGC7

Lims ID: 460-176080-A-53-A

Lab Sample ID: 460-176080-53

Client ID: DUP-3

Operator ID:

ALS Bottle#: 32

Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

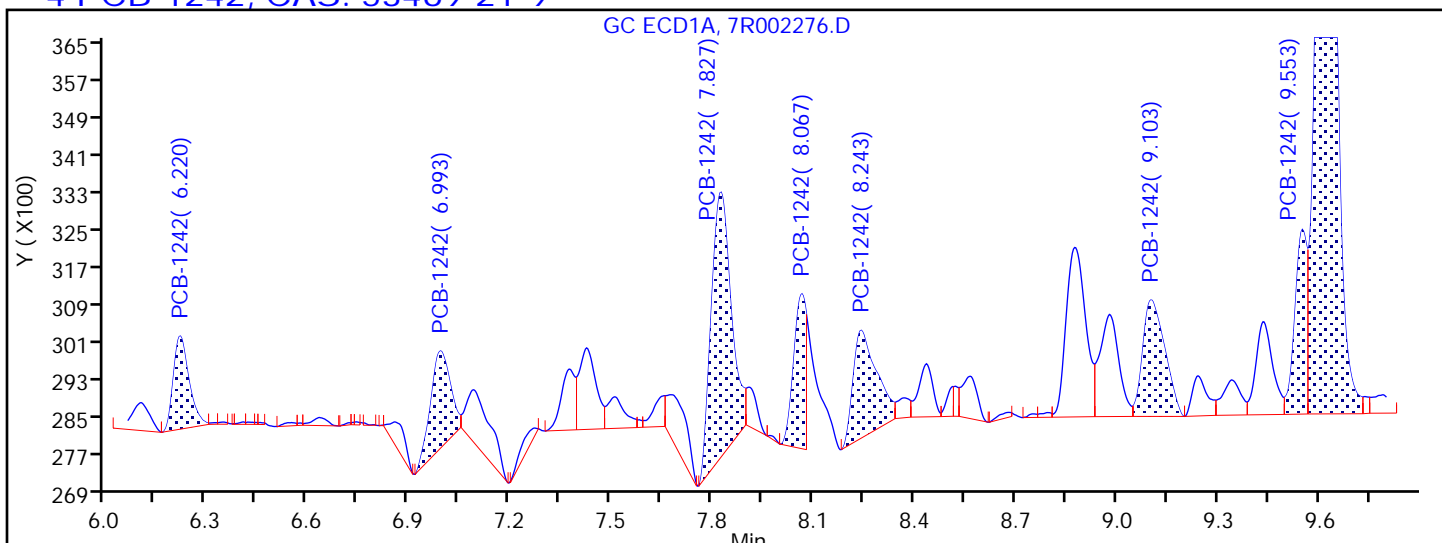
Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD

Column:

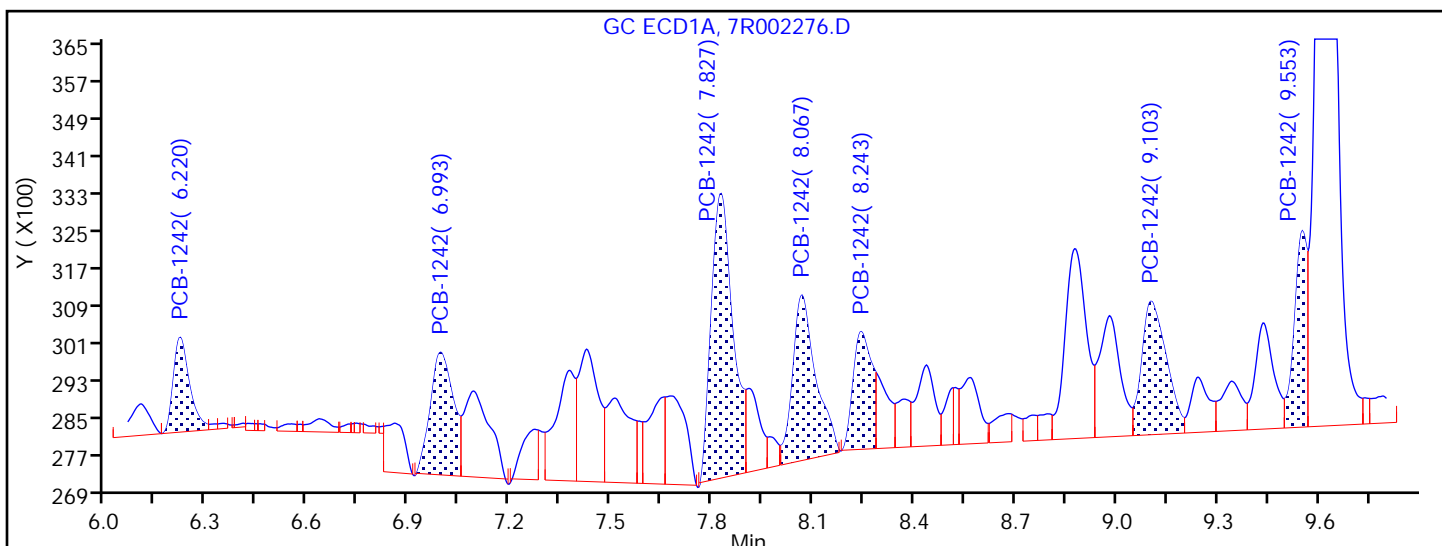
Detector: GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

6.220	Response = 6413
6.993	Response = 8518
7.827	Response = 23346
8.067	Response = 8082
8.243	Response = 11075
9.103	Response = 11374
9.553	Response = 9839
9.623	Response = 94797



Manual Integration Results

6.220	Response = 6791	M
6.993	Response = 12520	M
7.827	Response = 27168	M
8.067	Response = 16972	M
8.243	Response = 9675	M
9.103	Response = 14677	M

TestAmerica Edison

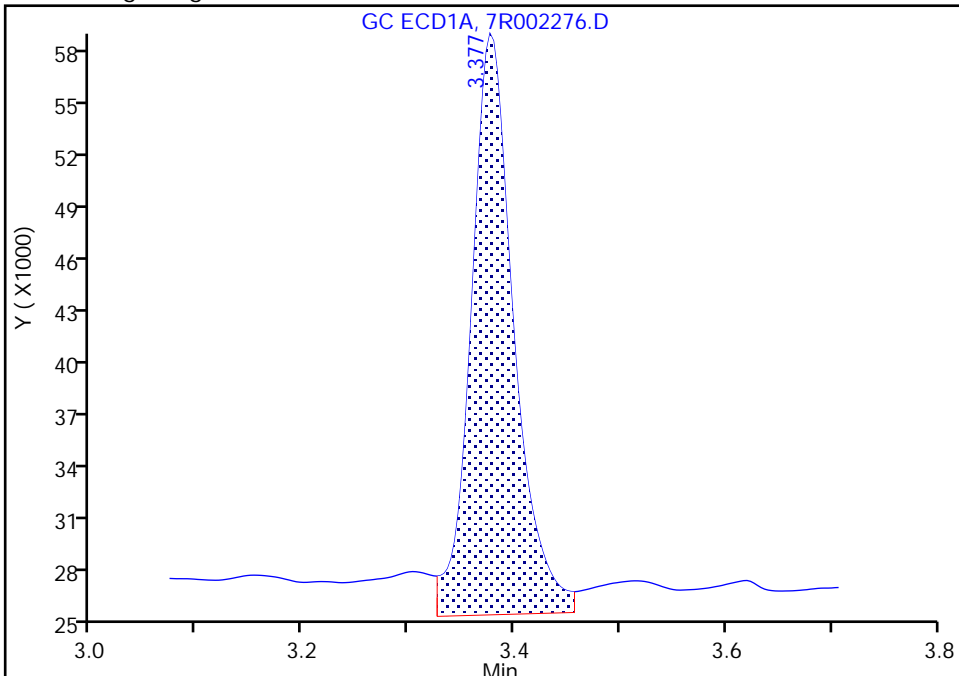
Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002276.D  
Injection Date: 28-Feb-2019 15:14:17 Instrument ID: CPESTGC7  
Lims ID: 460-176080-A-53-A Lab Sample ID: 460-176080-53  
Client ID: DUP-3  
Operator ID: ALS Bottle#: 32 Worklist Smp#: 15  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082.ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

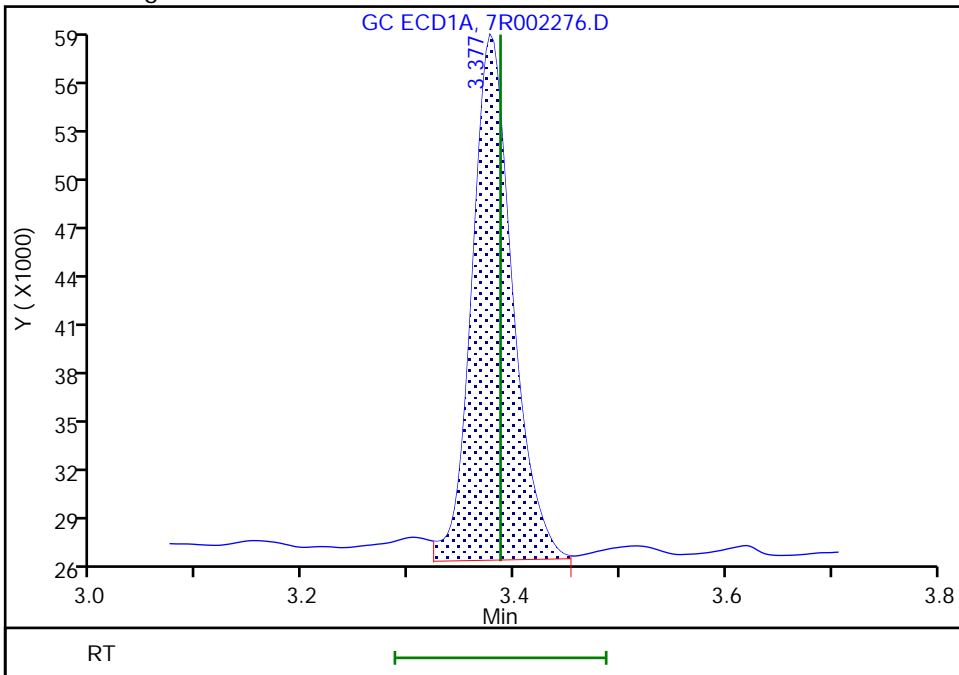
RT: 3.38  
Area: 89869  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 3.38  
Area: 82074  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 28-Feb-2019 15:45:25  
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP-3 Lab Sample ID: 460-176080-53  
 Matrix: Solid Lab File ID: 7R002276.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 00:00  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 15:14  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: 14.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592351 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	78	10
11104-28-2	Aroclor 1221	10	U	78	10
11141-16-5	Aroclor 1232	10	U	78	10
12672-29-6	Aroclor 1248	10	U	78	10
11097-69-1	Aroclor 1254	11	U	78	11
11096-82-5	Aroclor 1260	11	U	78	11
37324-23-5	Aroclor 1262	11	U	78	11
11100-14-4	Aroclor 1268	11	U	78	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002276.D  
 Lims ID: 460-176080-A-53-A  
 Client ID: DUP-3  
 Sample Type: Client  
 Inject. Date: 28-Feb-2019 15:14:17 ALS Bottle#: 32 Worklist Smp#: 15  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087198-015  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 16:01:01 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 15:45:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene						M
1	3.377	3.387	-0.010	82074	20.0	M
2	2.823	2.827	-0.004	36661	20.0	
RPD = 0.00						
4 PCB-1242						M
1	6.220	6.237	-0.017	6791	156.7	M
1	6.993	7.017	-0.024	12520	183.3	M
1	7.827	7.843	-0.016	27168	179.8	M
1	8.067	8.083	-0.016	16972	271.3	M
1	8.243	8.260	-0.017	9675	163.6	M
1	9.103	9.123	-0.020	14677	205.9	M
1	9.553	9.573	-0.020	10922	121.5	M
1	0.000	9.637	0.000	0	0	
Average of Peak Amounts =						183.1
2	4.937	4.960	-0.023	10025	233.8	M
2	5.587	5.610	-0.023	13858	171.1	M
2	5.933	5.957	-0.024	10673	205.3	M
2	6.400	6.427	-0.027	20340	138.0	M
2	6.630	6.657	-0.027	9101	138.1	M
2	7.340	7.363	-0.023	12346	185.2	M
2	8.080	8.083	-0.003	15253	147.4	M
2	8.413	8.453	-0.040	8344	150.9	M
Average of Peak Amounts =						171.2
RPD = 6.73						

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	17.037	17.040	-0.003	165743	48.4	
2	15.183	15.187	-0.004	117143	51.9	
					RPD = 7.00	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013                      Amount Added: 20.00                      Units: uL                      Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002276.D

Injection Date: 28-Feb-2019 15:14:17

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-53-A

Lab Sample ID: 460-176080-53

Worklist Smp#: 15

Client ID: DUP-3

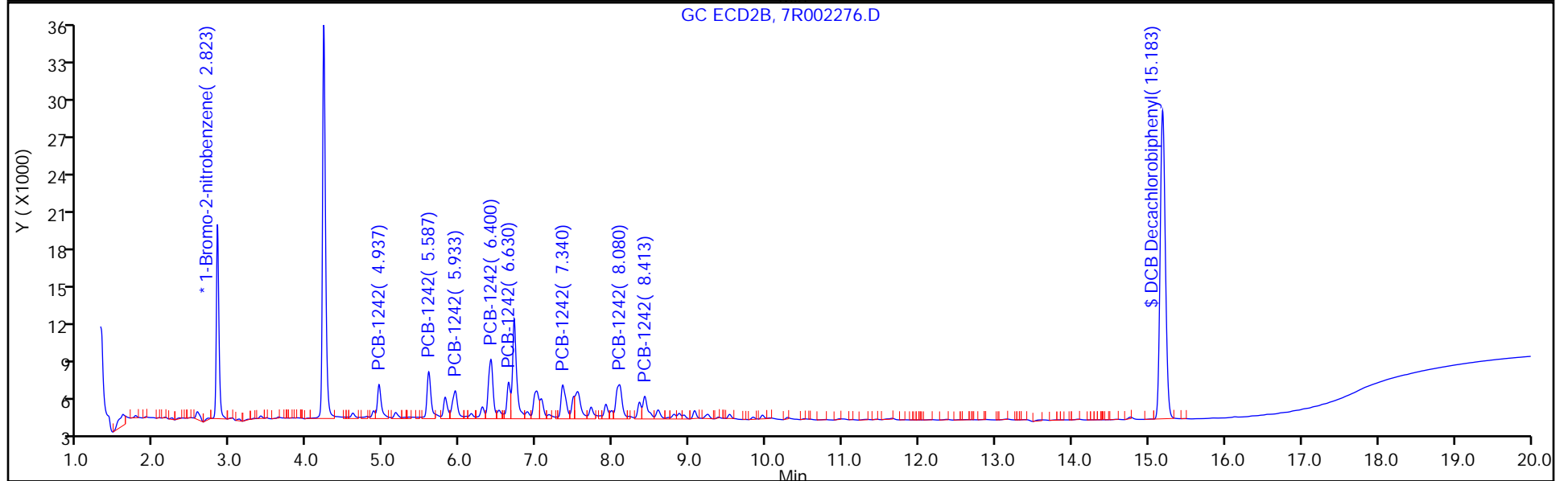
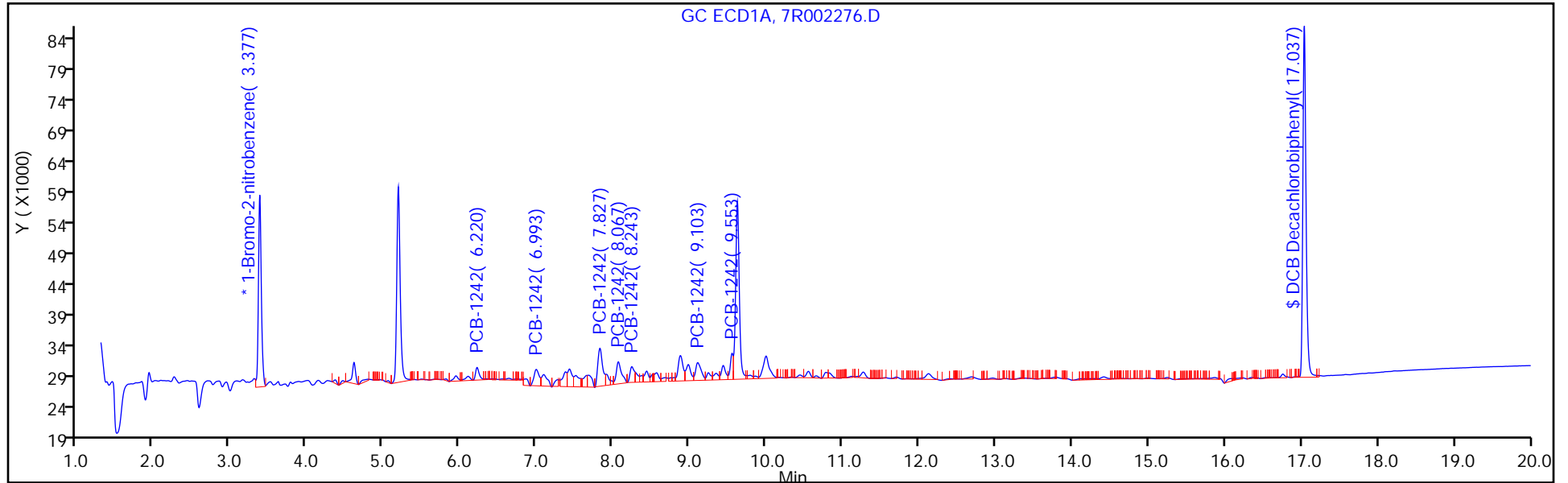
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 32

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD





TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002276.D

Injection Date: 28-Feb-2019 15:14:17

Instrument ID: CPESTGC7

Lims ID: 460-176080-A-53-A

Lab Sample ID: 460-176080-53

Client ID: DUP-3

Operator ID:

ALS Bottle#: 32

Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

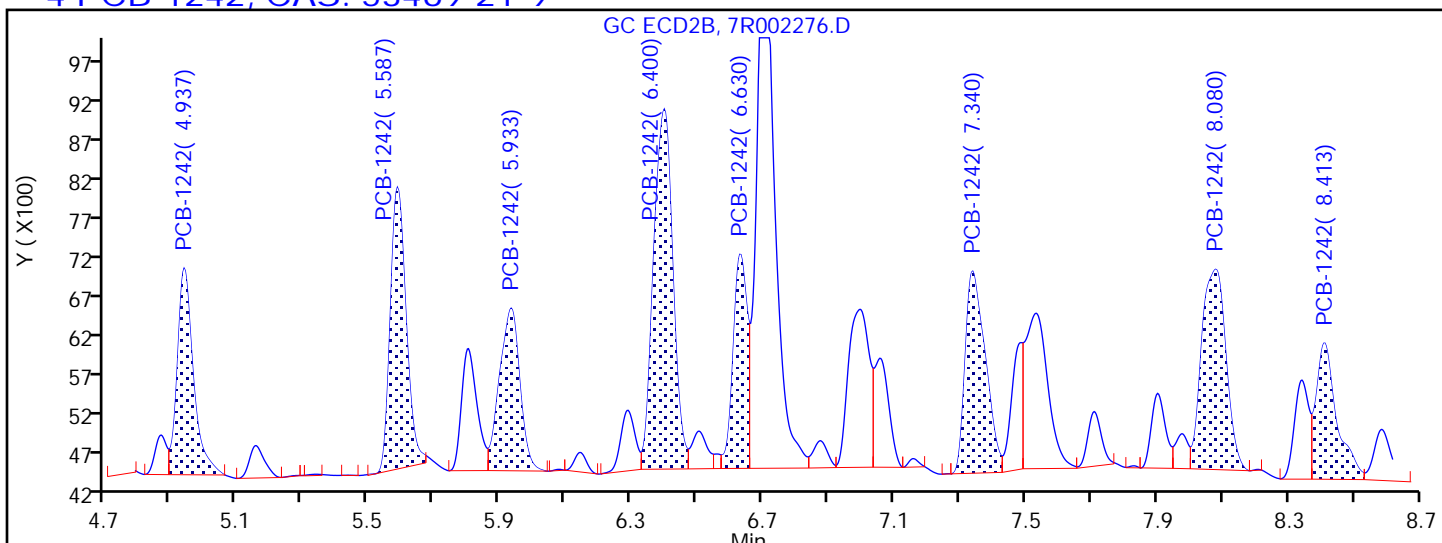
Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD

Column:

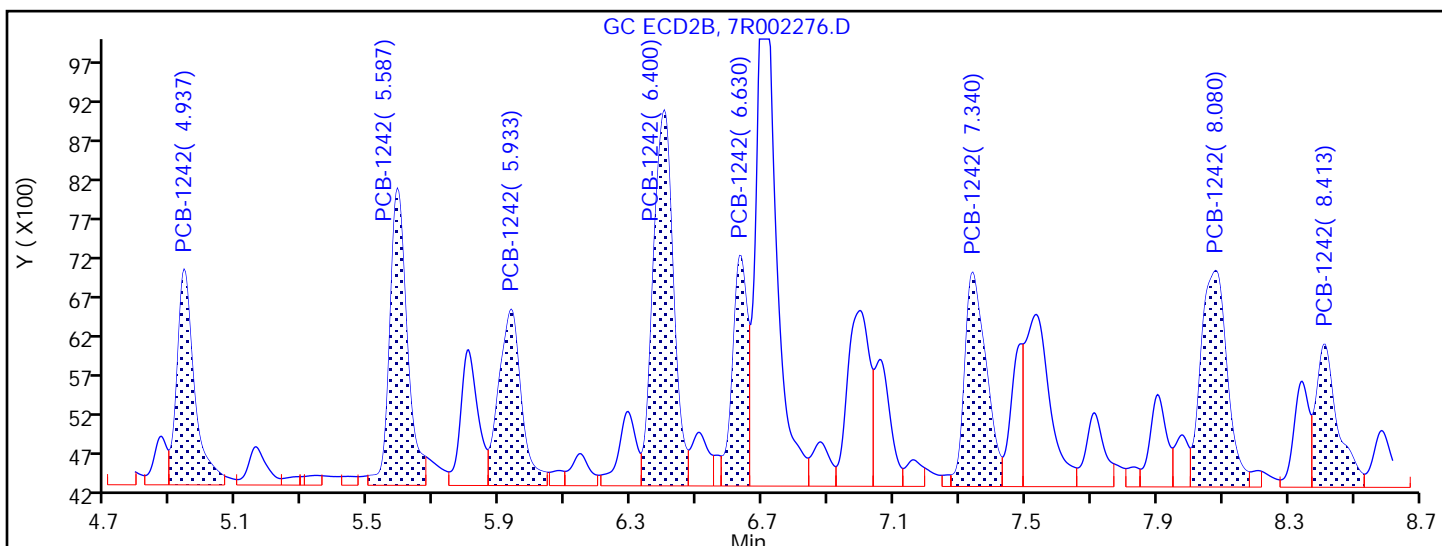
Detector: GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

4.937	Response = 8872
5.587	Response = 11839
5.933	Response = 8815
6.400	Response = 18637
6.630	Response = 8017
7.340	Response = 10889
8.080	Response = 13044
8.413	Response = 7524



Manual Integration Results

4.937	Response = 10025	M
5.587	Response = 13858	M
5.933	Response = 10673	M
6.400	Response = 20340	M
6.630	Response = 9101	M
7.340	Response = 12346	M

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-EB-1 Lab Sample ID: 460-176080-54  
 Matrix: Water Lab File ID: 7R002261.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:50  
 Extraction Method: 3510C Date Extracted: 02/27/2019 01:20  
 Sample wt/vol: 250 (mL) Date Analyzed: 02/27/2019 14:38  
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592062 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		10-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\7R002261.D  
 Lims ID: 460-176080-A-54-A  
 Client ID: PRA-EB-1  
 Sample Type: Client  
 Inject. Date: 27-Feb-2019 14:38:31 ALS Bottle#: 17 Worklist Smp#: 38  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 15:06:06 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0327

First Level Reviewer: patelji Date: 27-Feb-2019 15:06:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene  
 1 3.383 3.387 -0.004 68914 20.0  
 2 2.823 2.827 -0.004 28833 20.0  
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl  
 1 17.037 17.037 0.000 349968 121.8  
 2 15.183 15.183 0.000 256851 144.8  
 RPD = 17.27

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\7R002261.D

Injection Date: 27-Feb-2019 14:38:31

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-54-A

Lab Sample ID: 460-176080-54

Worklist Smp#: 38

Client ID: PRA-EB-1

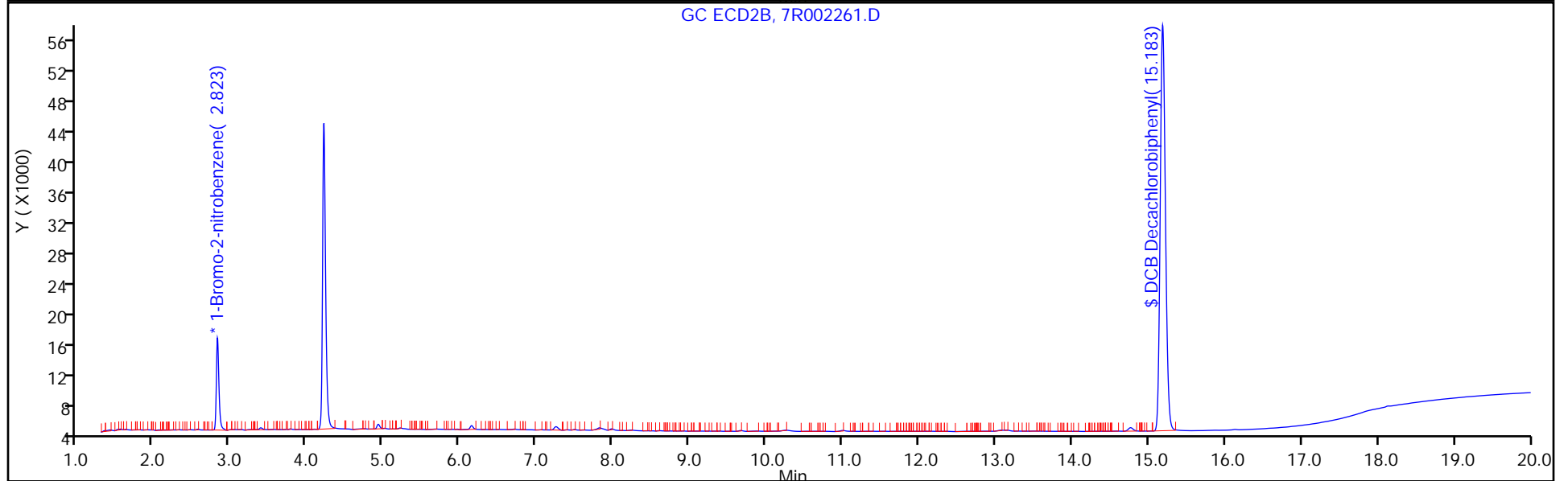
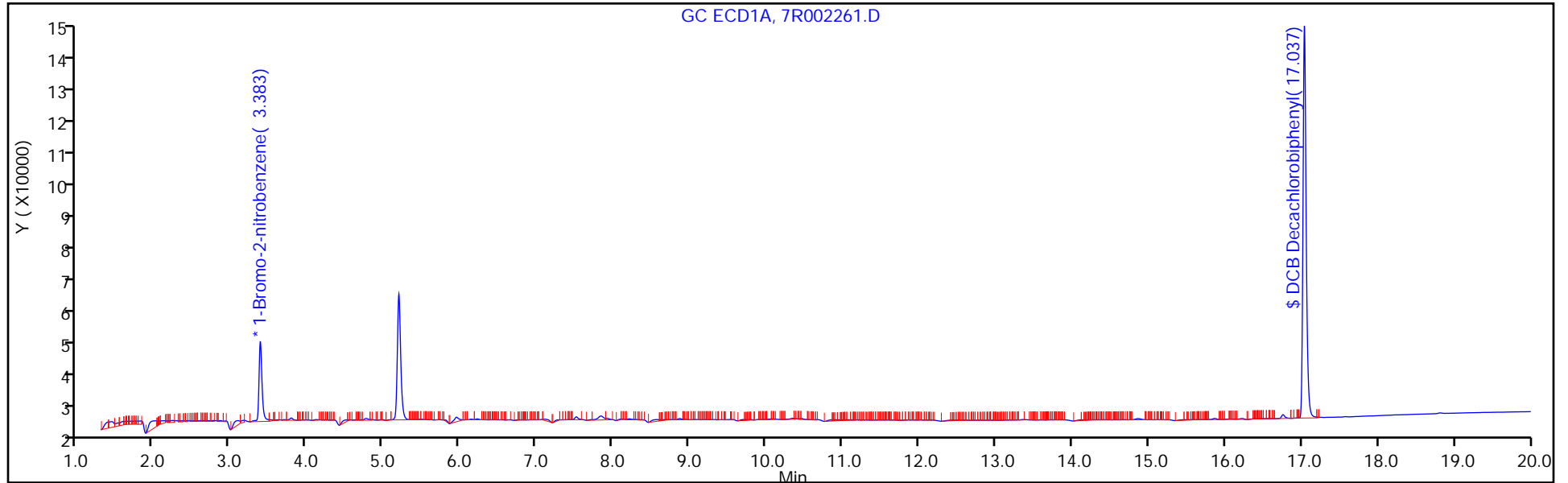
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-EB-1 Lab Sample ID: 460-176080-54  
 Matrix: Water Lab File ID: 7R002261.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 13:50  
 Extraction Method: 3510C Date Extracted: 02/27/2019 01:20  
 Sample wt/vol: 250(mL) Date Analyzed: 02/27/2019 14:38  
 Con. Extract Vol.: 1(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592062 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.12	U	0.40	0.12
11104-28-2	Aroclor 1221	0.12	U	0.40	0.12
11141-16-5	Aroclor 1232	0.12	U	0.40	0.12
53469-21-9	Aroclor 1242	0.12	U	0.40	0.12
12672-29-6	Aroclor 1248	0.12	U	0.40	0.12
11097-69-1	Aroclor 1254	0.11	U	0.40	0.11
11096-82-5	Aroclor 1260	0.11	U	0.40	0.11
37324-23-5	Aroclor 1262	0.11	U	0.40	0.11
11100-14-4	Aroclor 1268	0.11	U	0.40	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		10-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\7R002261.D  
 Lims ID: 460-176080-A-54-A  
 Client ID: PRA-EB-1  
 Sample Type: Client  
 Inject. Date: 27-Feb-2019 14:38:31 ALS Bottle#: 17 Worklist Smp#: 38  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 15:06:06 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0327

First Level Reviewer: patelji Date: 27-Feb-2019 15:06:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.383	3.387	-0.004	68914	20.0	
2	2.823	2.827	-0.004	28833	20.0	
RPD = 0.00						

\$ 11 DCB Decachlorobiphenyl

1	17.037	17.037	0.000	349968	121.8	
2	15.183	15.183	0.000	256851	144.8	
RPD = 17.27						

Reagents:

SGPCBISTD\_00013 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\7R002261.D

Injection Date: 27-Feb-2019 14:38:31

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-176080-A-54-A

Lab Sample ID: 460-176080-54

Worklist Smp#: 38

Client ID: PRA-EB-1

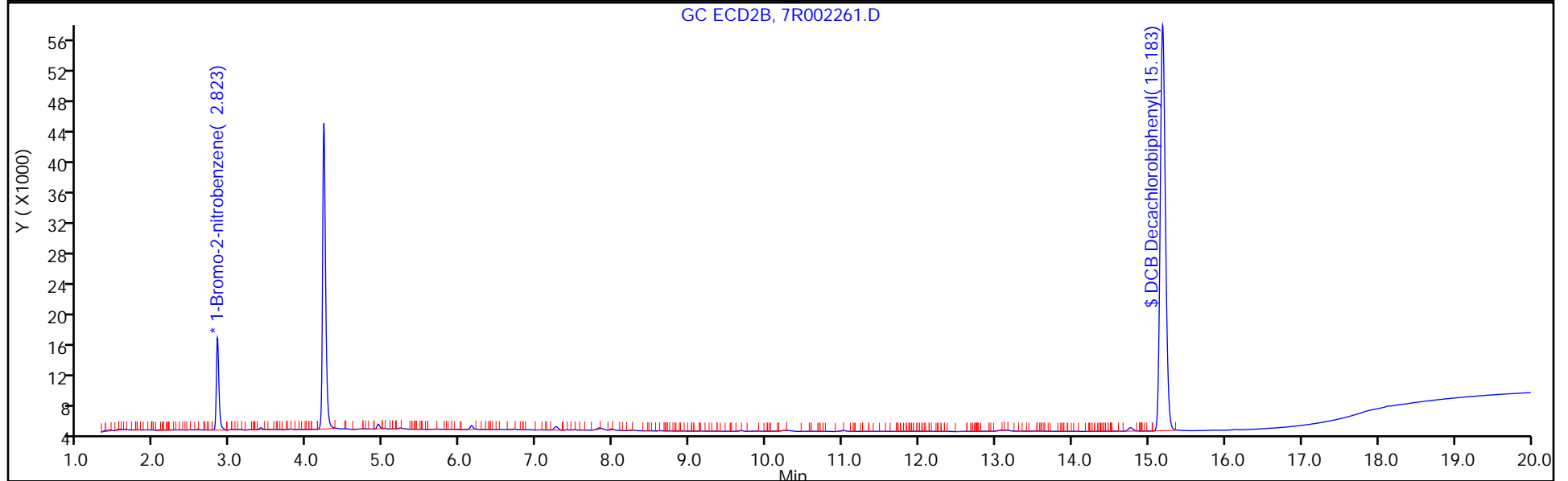
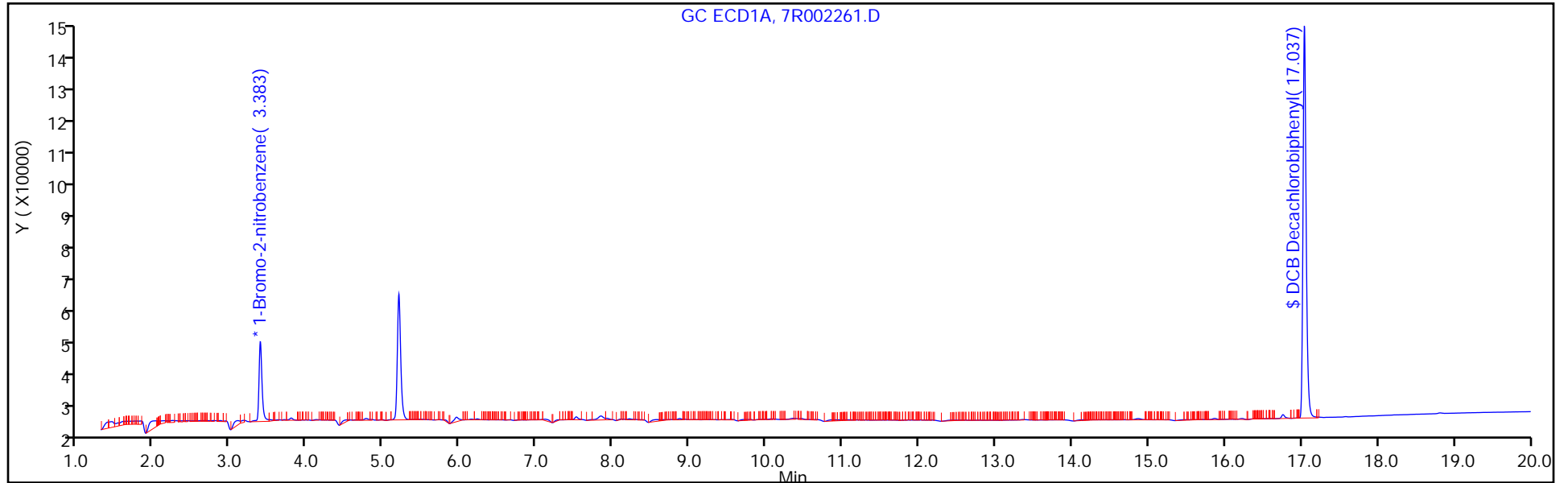
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 18:27 Calibration End Date: 02/04/2019 19:36 Calibration ID: 73307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/3	T154842.D
Level 2	IC 460-587126/4	T154843.D
Level 3	IC 460-587126/2	T154841.D
Level 4	IC 460-587126/5	T154844.D
Level 5	IC 460-587126/6	T154845.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0165	0.0190	0.0168	0.0160	0.0183	Ave		0.0173			7.3	20.0				0.9900	
PCB-1016 Peak 2	0.0319	0.0404	0.0353	0.0340	0.0387	Ave		0.0360			9.6	20.0				0.9900	
PCB-1016 Peak 3	0.0755	0.0905	0.0802	0.0773	0.0869	Ave		0.0821			7.8	20.0				0.9900	
PCB-1016 Peak 4	0.0310	0.0366	0.0325	0.0317	0.0346	Ave		0.0333			6.9	20.0				0.9900	
PCB-1016 Peak 5	0.0258	0.0289	0.0258	0.0254	0.0272	Ave		0.0266			5.4	20.0				0.9900	
PCB-1016 Peak 6	0.0347	0.0308	0.0260	0.0261	0.0281	Ave		0.0291			12.5	20.0				0.9900	
PCB-1016 Peak 7	0.0338	0.0344	0.0285	0.0293	0.0316	Ave		0.0315			8.3	20.0				0.9900	
PCB-1016 Peak 8	0.0294	0.0303	0.0273	0.0258	0.0283	Ave		0.0282			6.2	20.0				0.9900	
PCB-1260 Peak 1	0.0330	0.0298	0.0253	0.0252	0.0287	Ave		0.0284			11.5	20.0				0.9900	
PCB-1260 Peak 2	0.0567	0.0592	0.0520	0.0499	0.0570	Ave		0.0550			7.0	20.0				0.9900	
PCB-1260 Peak 3	0.0628	0.0835	0.0742	0.0707	0.0816	Ave		0.0746			11.3	20.0				0.9900	
PCB-1260 Peak 4	0.0518	0.0605	0.0516	0.0512	0.0589	Ave		0.0548			8.2	20.0				0.9900	
PCB-1260 Peak 5	0.0479	0.0551	0.0463	0.0464	0.0538	Ave		0.0499			8.5	20.0				0.9900	
PCB-1260 Peak 6	0.1211	0.1477	0.1268	0.1250	0.1453	Ave		0.1332			9.3	20.0				0.9900	
PCB-1260 Peak 7	0.0861	0.1047	0.0903	0.0881	0.1026	Ave		0.0944			9.2	20.0				0.9900	
PCB-1260 Peak 8	0.0325	0.0401	0.0327	0.0331	0.0388	Ave		0.0354			10.4	20.0				0.9900	
Tetrachloro-m-xylene	0.8511	1.0912	0.9949	0.9868	1.1562	Ave		1.0161			11.4	20.0				0.9900	
DCB Decachlorobiphenyl	0.9348	1.1368	1.0770	1.0102	1.1985	Ave		1.0715			9.7	20.0				0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 18:27 Calibration End Date: 02/04/2019 19:36 Calibration ID: 73307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/3	T154842.D
Level 2	IC 460-587126/4	T154843.D
Level 3	IC 460-587126/2	T154841.D
Level 4	IC 460-587126/5	T154844.D
Level 5	IC 460-587126/6	T154845.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	732622	8487272	14954186	21137722	41424646	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	1414461	18092089	31466902	44883614	87412304	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	3349401	40506767	71550037	102086104	196593861	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	1375642	16371363	28995877	41857702	78185855	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	1144498	12923025	23001810	33507828	61569909	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1537668	13782136	23231949	34479334	63487644	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	1500234	15394304	25446002	38744442	71553904	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	1304153	13549306	24368720	34109295	63957986	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	1463942	13340280	22595892	33335069	64844307	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	2514931	26510185	46411360	65962811	128987948	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	2785501	37355889	66238375	93376640	184573900	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	2296718	27085455	46050077	67648611	133189553	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	2124279	24665109	41303891	61250895	121726541	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	5371596	66116873	113127520	165067527	328655379	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	3819452	46854832	80556892	116447245	232061243	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	1441679	17967592	29201565	43702675	87672162	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	9442049	48841620	88760340	130357695	209174058	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	10370079	50880762	96084210	133460123	216821662	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154841.D  
 Lims ID: IC PCB 3  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 04-Feb-2019 18:27:38 ALS Bottle#: 2 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-002  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:04:50 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:27:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.217	1.217	0.000	17842599	20.0	20.0	
2	1.341	1.341	0.000	16157076	20.0	20.0	M
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	1.949	1.949	0.000	88760340	100.0	97.9	
2	1.984	1.984	0.000	76940699	100.0	97.4	
							RPD = 0.48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.433	2.433	0.000	14954186	1000.0	968.3	
1	2.865	2.865	0.000	31466902	1000.0	978.7	M
1	3.375	3.375	0.000	71550037	1000.0	977.1	M
1	3.520	3.520	0.000	28995877	1000.0	977.0	M
1	3.630	3.630	0.000	23001810	1000.0	969.0	M
1	4.061	4.061	0.000	23231949	1000.0	893.9	M
1	4.200	4.200	0.000	25446002	1000.0	904.4	M
1	4.555	4.555	0.000	24368720	1000.0	968.1	M

Average of Peak Amounts = 954.6

2	2.357	2.357	0.000	13637812	1000.0	944.0	
2	2.732	2.732	0.000	26428651	1000.0	957.2	M
2	2.947	2.947	0.000	17849454	1000.0	952.8	M
2	3.239	3.239	0.000	58815261	1000.0	976.5	M
2	3.386	3.386	0.000	23999386	1000.0	977.4	M
2	3.455	3.455	0.000	15313644	1000.0	935.2	M
2	3.854	3.854	0.000	25588557	1000.0	929.5	M
2	4.294	4.294	0.000	14564679	1000.0	1010.3	M

Average of Peak Amounts = 960.3

RPD = 0.60

8 PCB-1260

							M
1	5.382	5.382	0.000	22595892	1000.0	891.6	M
1	5.570	5.570	0.000	46411360	1000.0	946.2	M
1	5.874	5.874	0.000	66238375	1000.0	995.9	M
1	6.514	6.514	0.000	46050077	1000.0	942.0	
1	6.964	6.964	0.000	41303891	1000.0	927.9	
1	7.445	7.445	0.000	113127520	1000.0	952.2	
1	8.110	8.110	0.000	80556892	1000.0	956.9	
1	9.399	9.399	0.000	29201565	1000.0	923.5	

Average of Peak Amounts = 942.0

2	5.280	5.280	0.000	36587623	1000.0	940.6	M
2	5.980	5.980	0.000	71065548	1000.0	1002.6	M
2	6.148	6.148	0.000	29084658	1000.0	876.9	M
2	6.500	6.500	0.000	32875732	1000.0	913.8	M
2	7.000	7.000	0.000	76853265	1000.0	946.7	M
2	7.473	7.473	0.000	42226373	1000.0	954.1	
2	7.631	7.631	0.000	21167984	1000.0	952.7	
2	8.705	8.705	0.000	19255435	1000.0	894.8	M

Average of Peak Amounts = 935.3

RPD = 0.72

\$ 11 DCB Decachlorobiphenyl

1	10.183	10.183	0.000	96084210	100.0	100.5	
2	9.671	9.671	0.000	74627891	100.0	98.9	

RPD = 1.67

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3_00033	Amount Added: 1.00	Units: mL	
SG1260ResPCB_00001	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154841.D

Injection Date: 04-Feb-2019 18:27:38

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 2

Client ID:

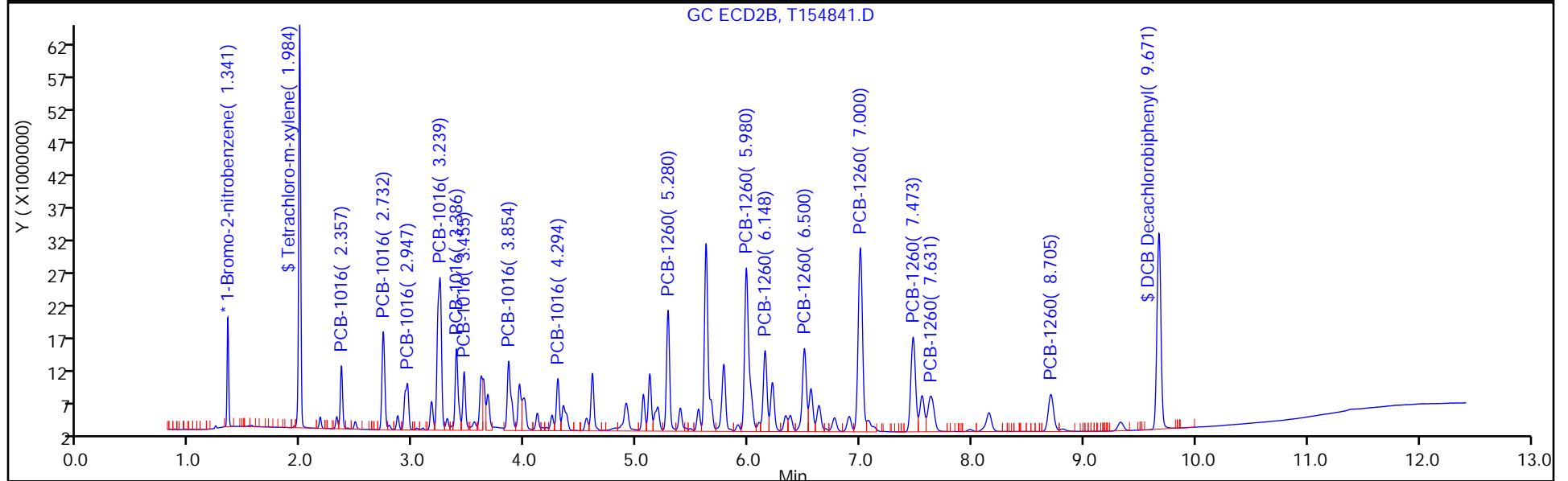
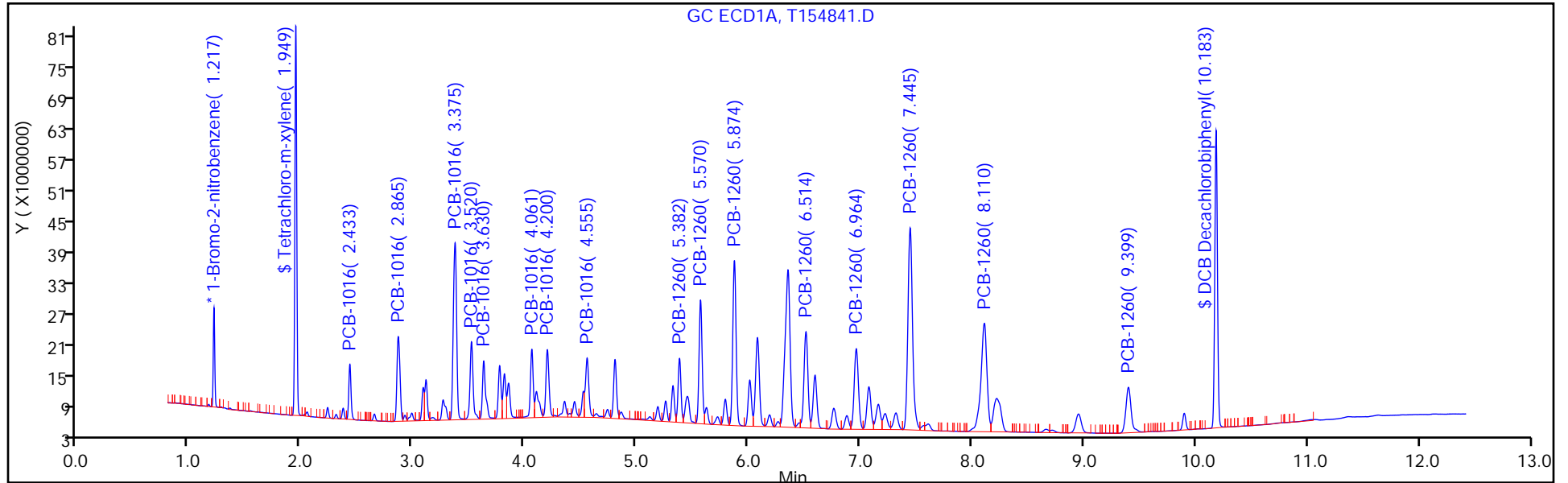
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154842.D  
 Lims ID: IC PCB 1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 04-Feb-2019 18:44:47 ALS Bottle#: 3 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-003  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:04:56 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:28:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.218	1.217	0.001	17749921	20.0	20.0	M
2	1.340	1.341	-0.001	16183936	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.949	1.949	0.000	9442049	12.5	10.5	
2	1.984	1.984	0.000	8170232	12.5	10.3	
RPD = 1.35							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.434	2.433	0.001	732622	50.0	47.7	
1	2.866	2.865	0.001	1414461	50.0	44.2	M
1	3.374	3.375	-0.001	3349401	50.0	46.0	M
1	3.522	3.520	0.002	1375642	50.0	46.6	M
1	3.631	3.630	0.001	1144498	50.0	48.5	M
1	4.064	4.061	0.003	1537668	50.0	59.5	M
1	4.200	4.200	0.000	1500234	50.0	53.6	M
1	4.556	4.555	0.001	1304153	50.0	52.1	M

Average of Peak Amounts = 49.8

2	2.357	2.357	0.000	739388	50.0	51.1	M
2	2.731	2.732	-0.001	1326558	50.0	48.0	M
2	2.947	2.947	0.000	906133	50.0	48.3	M
2	3.238	3.239	-0.001	2605397	50.0	43.2	M
2	3.387	3.386	0.001	1078091	50.0	43.8	M
2	3.455	3.455	0.000	855750	50.0	52.2	M
2	3.852	3.854	-0.002	1590299	50.0	57.7	M
2	4.294	4.294	0.000	715646	50.0	49.6	M

Average of Peak Amounts = 49.2

RPD = 1.09

8 PCB-1260

1	5.382	5.382	0.000	1463942	50.0	58.1	M
1	5.573	5.570	0.003	2514931	50.0	51.5	M
1	5.874	5.874	0.000	2785501	50.0	42.1	M
1	6.515	6.514	0.001	2296718	50.0	47.2	M
1	6.965	6.964	0.001	2124279	50.0	48.0	M
1	7.445	7.445	0.000	5371596	50.0	45.4	M
1	8.108	8.110	-0.002	3819452	50.0	45.6	
1	9.403	9.399	0.004	1441679	50.0	45.8	M

Average of Peak Amounts = 48.0

2	5.279	5.280	-0.001	2044867	50.0	52.5	M
2	5.980	5.980	0.000	3260771	50.0	45.9	M
2	6.149	6.148	0.001	1880422	50.0	56.6	M
2	6.498	6.500	-0.002	1864185	50.0	51.7	M
2	6.999	7.000	-0.001	3726283	50.0	45.8	M
2	7.470	7.473	-0.003	2027031	50.0	45.7	M
2	7.629	7.631	-0.002	1033133	50.0	46.4	M
2	8.704	8.705	-0.001	1082498	50.0	50.2	M

Average of Peak Amounts = 49.4

RPD = 2.86

\$ 11 DCB Decachlorobiphenyl

1	10.182	10.183	-0.001	10370079	12.5	10.9	
2	9.669	9.671	-0.002	8163739	12.5	10.8	

RPD = 1.01

S 12 Polychlorinated biphenyls, Total

1						97.7	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L1\_00018

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154842.D

Injection Date: 04-Feb-2019 18:44:47

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 3

Client ID:

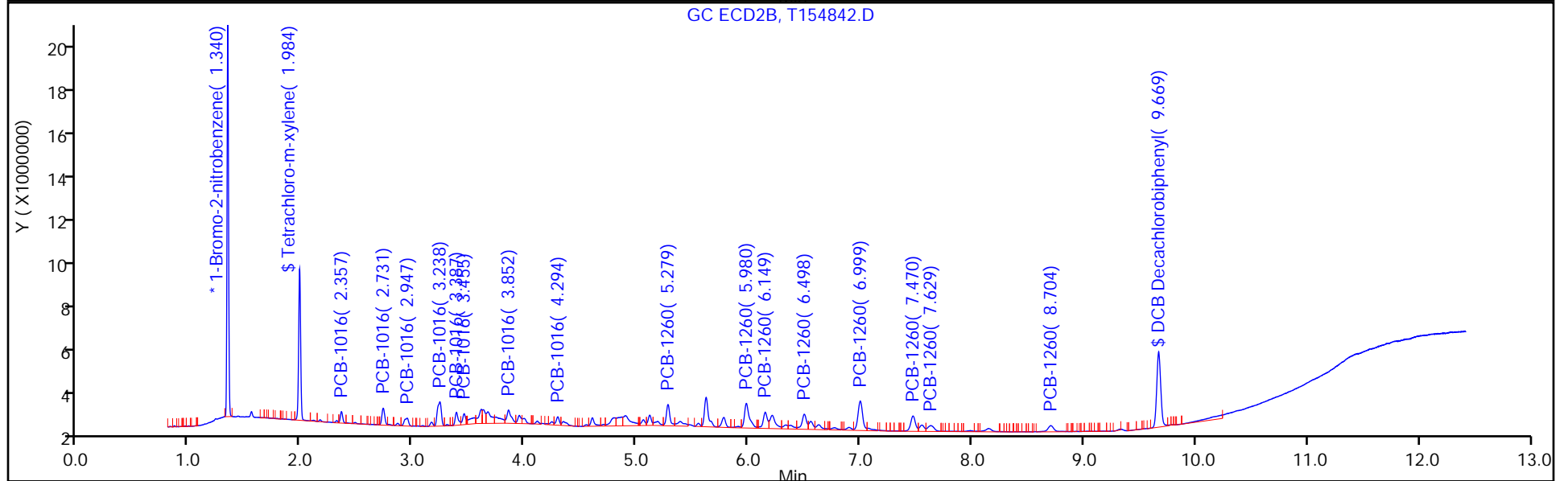
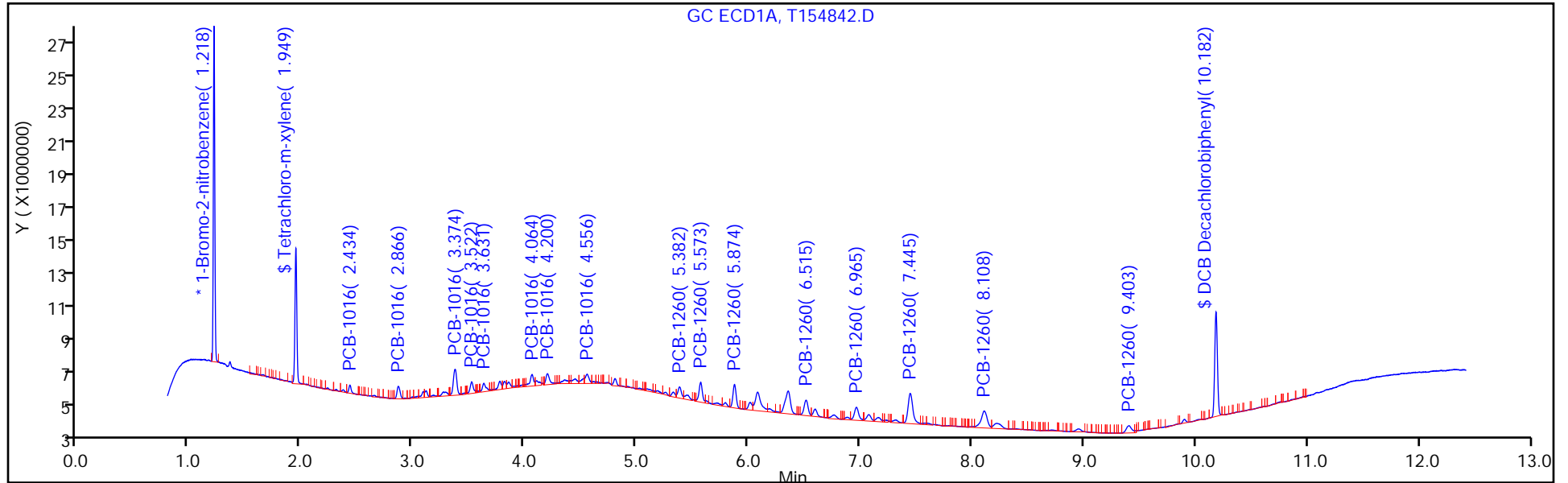
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154843.D  
 Lims ID: IC PCB 2  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 04-Feb-2019 19:02:01 ALS Bottle#: 4 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-004  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:04 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:28:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.218	1.217	0.001	17903343	20.0	20.0	M
2	1.341	1.341	0.000	15457666	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.950	1.949	0.001	48841620	50.0	53.7	
2	1.984	1.984	0.000	42152920	50.0	55.8	
RPD = 3.84							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	2.434	2.433	0.001	8487272	500.0	547.7	
1	2.867	2.865	0.002	18092089	500.0	560.8	M
1	3.374	3.375	-0.001	40506767	500.0	551.3	M
1	3.522	3.520	0.002	16371363	500.0	549.7	M
1	3.632	3.630	0.002	12923025	500.0	542.6	M
1	4.061	4.061	0.000	13782136	500.0	528.5	M
1	4.200	4.200	0.000	15394304	500.0	545.3	M
1	4.556	4.555	0.001	13549306	500.0	536.4	M

Average of Peak Amounts = 545.3

2	2.358	2.357	0.001	7834306	500.0	566.8	M
2	2.732	2.732	0.000	15327929	500.0	580.3	M
2	2.947	2.947	0.000	10312860	500.0	575.4	M
2	3.239	3.239	0.000	33703470	500.0	584.9	M
2	3.386	3.386	0.000	13812782	500.0	588.0	M
2	3.455	3.455	0.000	9025506	500.0	576.1	M
2	3.852	3.854	-0.002	14541085	500.0	552.1	M
2	4.293	4.294	-0.001	7748049	500.0	561.7	M

Average of Peak Amounts = 573.2

RPD = 4.98

8 PCB-1260

							M
1	5.382	5.382	0.000	13340280	500.0	524.6	M
1	5.571	5.570	0.001	26510185	500.0	538.6	M
1	5.873	5.874	-0.001	37355889	500.0	559.7	M
1	6.513	6.514	-0.001	27085455	500.0	552.2	M
1	6.964	6.964	0.000	24665109	500.0	552.2	
1	7.446	7.445	0.001	66116873	500.0	554.6	
1	8.110	8.110	0.000	46854832	500.0	554.7	
1	9.400	9.399	0.001	17967592	500.0	566.3	

Average of Peak Amounts = 550.4

2	5.278	5.280	-0.002	21185886	500.0	569.3	
2	5.979	5.980	-0.001	38795092	500.0	572.1	
2	6.147	6.148	-0.001	17805249	500.0	561.1	
2	6.498	6.500	-0.002	19619748	500.0	570.0	
2	6.998	7.000	-0.002	45091839	500.0	580.6	
2	7.470	7.473	-0.003	24629409	500.0	581.7	
2	7.629	7.631	-0.002	12479944	500.0	587.1	
2	8.704	8.705	-0.001	11915787	500.0	578.8	

Average of Peak Amounts = 575.1

RPD = 4.39

\$ 11 DCB Decachlorobiphenyl

1	10.179	10.183	-0.004	50880762	50.0	53.0	
2	9.668	9.671	-0.003	40139685	50.0	55.6	

RPD = 4.65

S 12 Polychlorinated biphenyls, Total

1						1095.7	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L2\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154843.D

Injection Date: 04-Feb-2019 19:02:01

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 4

Client ID:

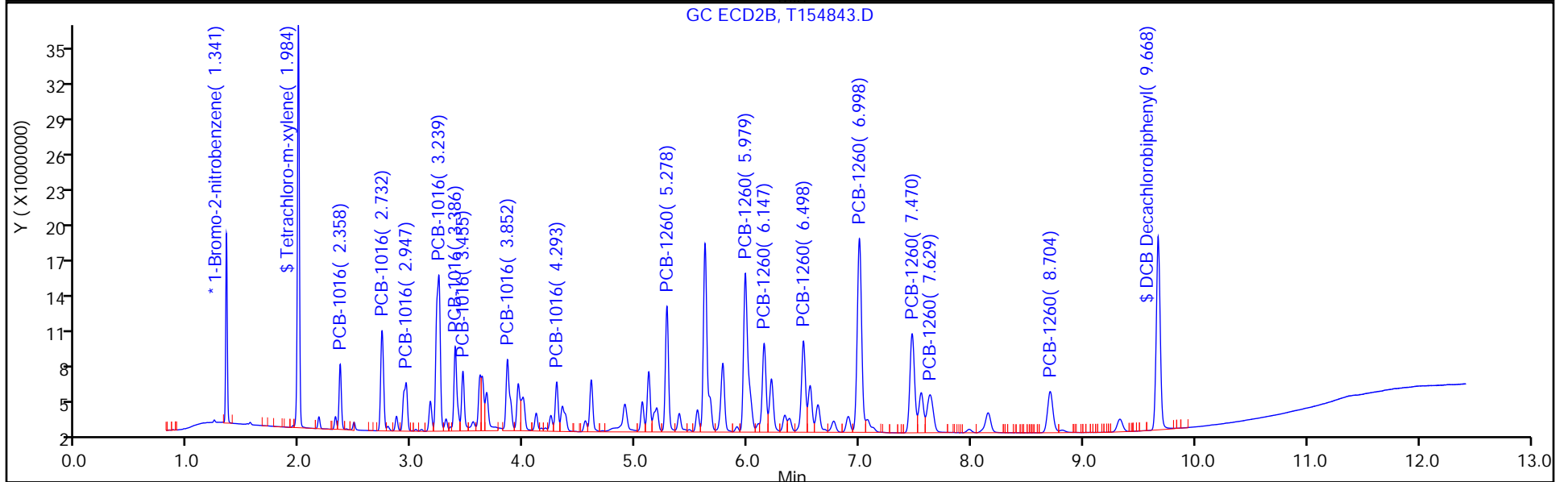
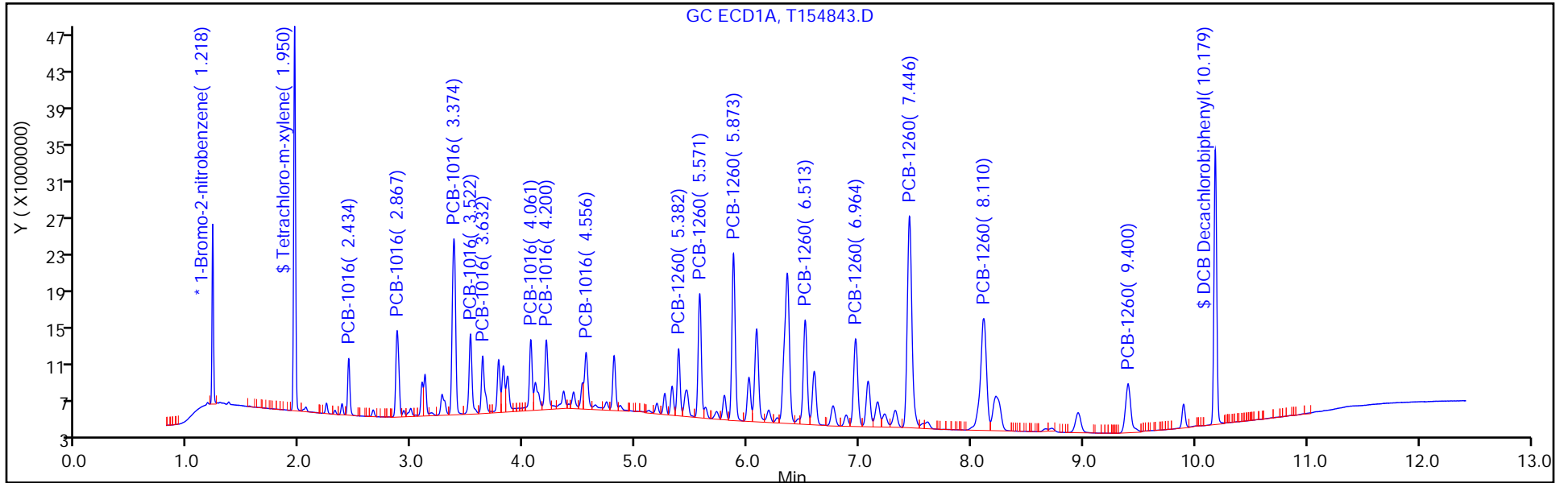
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154844.D  
 Lims ID: IC PCB 4  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 04-Feb-2019 19:19:12 ALS Bottle#: 5 Worklist Smp#: 5  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-005  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:08 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:28:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.217	1.217	0.000	17614226	20.0	20.0	M
2	1.341	1.341	0.000	15875698	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	1.950	1.949	0.001	130357695	150.0	145.7	
2	1.984	1.984	0.000	112361522	150.0	144.8	M
RPD = 0.58							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016 M

1	2.432	2.433	-0.001	21137722	1500.0	1386.5	
1	2.866	2.865	0.001	44883614	1500.0	1414.1	M
1	3.374	3.375	-0.001	102086104	1500.0	1412.2	M
1	3.522	3.520	0.002	41857702	1500.0	1428.6	M
1	3.631	3.630	0.001	33507828	1500.0	1429.9	M
1	4.062	4.061	0.001	34479334	1500.0	1343.9	M
1	4.200	4.200	0.000	38744442	1500.0	1394.8	M
1	4.556	4.555	0.001	34109295	1500.0	1372.6	M

Average of Peak Amounts = 1397.8

2	2.357	2.357	0.000	19244701	1500.0	1355.7	M
2	2.732	2.732	0.000	36932529	1500.0	1361.4	M
2	2.947	2.947	0.000	25165788	1500.0	1367.1	M
2	3.239	3.239	0.000	82810370	1500.0	1399.2	M
2	3.386	3.386	0.000	33538633	1500.0	1390.1	M
2	3.455	3.455	0.000	21498650	1500.0	1336.1	M
2	3.853	3.854	-0.001	34856705	1500.0	1288.6	M
2	4.292	4.294	-0.002	18856008	1500.0	1331.1	M

Average of Peak Amounts = 1353.7

RPD = 3.21

8 PCB-1260 M

1	5.382	5.382	0.000	33335069	1500.0	1332.5	M
1	5.570	5.570	0.000	65962811	1500.0	1362.3	M
1	5.872	5.874	-0.002	93376640	1500.0	1422.1	M
1	6.513	6.514	-0.001	67648611	1500.0	1401.7	M
1	6.964	6.964	0.000	61250895	1500.0	1393.9	
1	7.445	7.445	0.000	165067527	1500.0	1407.4	
1	8.107	8.110	-0.003	116447245	1500.0	1401.2	
1	9.399	9.399	0.000	43702675	1500.0	1400.0	

Average of Peak Amounts = 1390.1

2	5.278	5.280	-0.002	50770039	1500.0	1328.4	M
2	5.979	5.980	-0.001	95460638	1500.0	1370.7	M
2	6.147	6.148	-0.001	43445751	1500.0	1333.1	M
2	6.498	6.500	-0.002	47855348	1500.0	1353.7	M
2	6.998	7.000	-0.002	111443618	1500.0	1397.1	M
2	7.472	7.473	-0.001	60189895	1500.0	1384.1	
2	7.632	7.631	0.001	30263973	1500.0	1386.3	
2	8.703	8.705	-0.002	28705787	1500.0	1357.6	M

Average of Peak Amounts = 1363.9

RPD = 1.91

\$ 11 DCB Decachlorobiphenyl

1	10.181	10.183	-0.002	133460123	150.0	141.4	
2	9.670	9.671	-0.001	104462427	150.0	140.8	

RPD = 0.43

S 12 Polychlorinated biphenyls, Total

1						2787.9	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154844.D

Injection Date: 04-Feb-2019 19:19:12

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

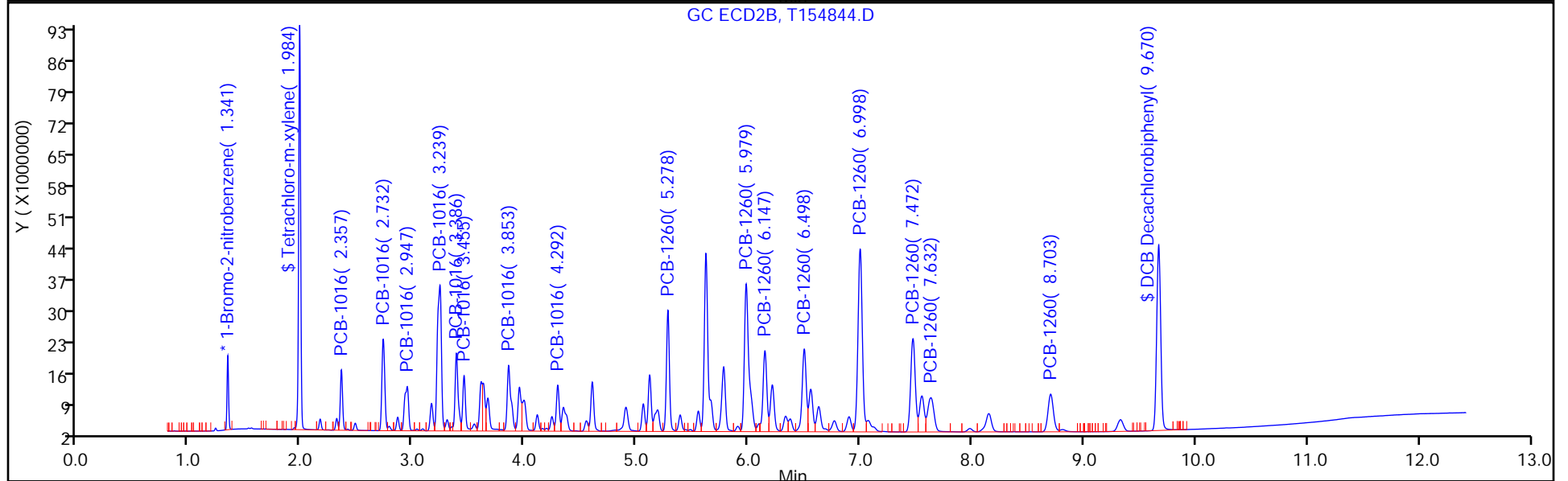
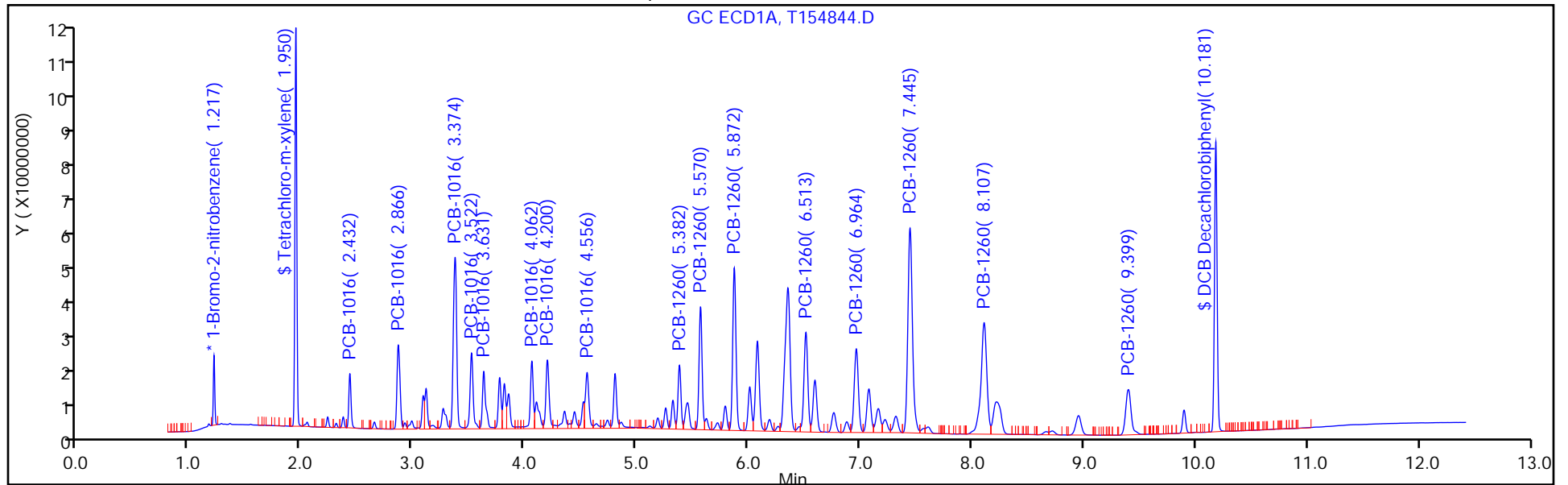
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154845.D  
 Lims ID: IC PCB 5  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 04-Feb-2019 19:36:22 ALS Bottle#: 6 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-006  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:13 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:28:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.217	-0.001	18090963	20.0	20.0	M
2	1.341	1.341	0.000	16659048	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.947	1.949	-0.002	209174058	200.0	227.6	
2	1.984	1.984	0.000	181942625	200.0	223.5	
RPD = 1.82							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.430	2.433	-0.003	41424646	2500.0	2645.5	
1	2.863	2.865	-0.002	87412304	2500.0	2681.4	
1	3.371	3.375	-0.004	196593861	2500.0	2647.9	
1	3.518	3.520	-0.002	78185855	2500.0	2598.2	
1	3.628	3.630	-0.002	61569909	2500.0	2558.2	
1	4.058	4.061	-0.003	63487644	2500.0	2409.3	M
1	4.197	4.200	-0.003	71553904	2500.0	2508.1	M
1	4.552	4.555	-0.003	63957986	2500.0	2505.9	

M

Average of Peak Amounts =

2569.3

2	2.357	2.357	0.000	37114001	2500.0	2491.6	M
2	2.732	2.732	0.000	72251752	2500.0	2538.1	M
2	2.947	2.947	0.000	49225617	2500.0	2548.4	M
2	3.239	3.239	0.000	164157026	2500.0	2643.3	M
2	3.386	3.386	0.000	66034284	2500.0	2608.2	M
2	3.455	3.455	0.000	41298978	2500.0	2446.0	M
2	3.854	3.854	0.000	67679310	2500.0	2384.4	M
2	4.294	4.294	0.000	36705611	2500.0	2469.3	M

Average of Peak Amounts =

2516.2

RPD = 2.09

8 PCB-1260

1	5.377	5.382	-0.005	64844307	2500.0	2523.6	
1	5.567	5.570	-0.003	128987948	2500.0	2593.7	
1	5.869	5.874	-0.005	184573900	2500.0	2736.9	
1	6.509	6.514	-0.005	133189553	2500.0	2687.0	
1	6.957	6.964	-0.007	121726541	2500.0	2697.2	
1	7.439	7.445	-0.006	328655379	2500.0	2728.3	
1	8.103	8.110	-0.007	232061243	2500.0	2718.7	
1	9.392	9.399	-0.007	87672162	2500.0	2734.6	

M

Average of Peak Amounts =

2677.5

2	5.279	5.280	-0.001	98812653	2500.0	2463.8	M
2	5.980	5.980	0.000	186489604	2500.0	2551.9	M
2	6.148	6.148	0.000	83810294	2500.0	2450.6	M
2	6.500	6.500	0.000	93602070	2500.0	2523.2	M
2	6.999	7.000	-0.001	218498917	2500.0	2610.4	M
2	7.471	7.473	-0.002	119254708	2500.0	2613.3	
2	7.627	7.631	-0.004	58435766	2500.0	2550.9	
2	8.702	8.705	-0.003	57585900	2500.0	2595.4	

Average of Peak Amounts =

2544.9

RPD = 5.08

\$ 11 DCB Decachlorobiphenyl

1	10.175	10.183	-0.008	216821662	200.0	223.7	
2	9.671	9.671	0.000	170836387	200.0	219.5	

RPD = 1.91

S 12 Polychlorinated biphenyls, Total

1						5246.8	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L5\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154845.D

Injection Date: 04-Feb-2019 19:36:22

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

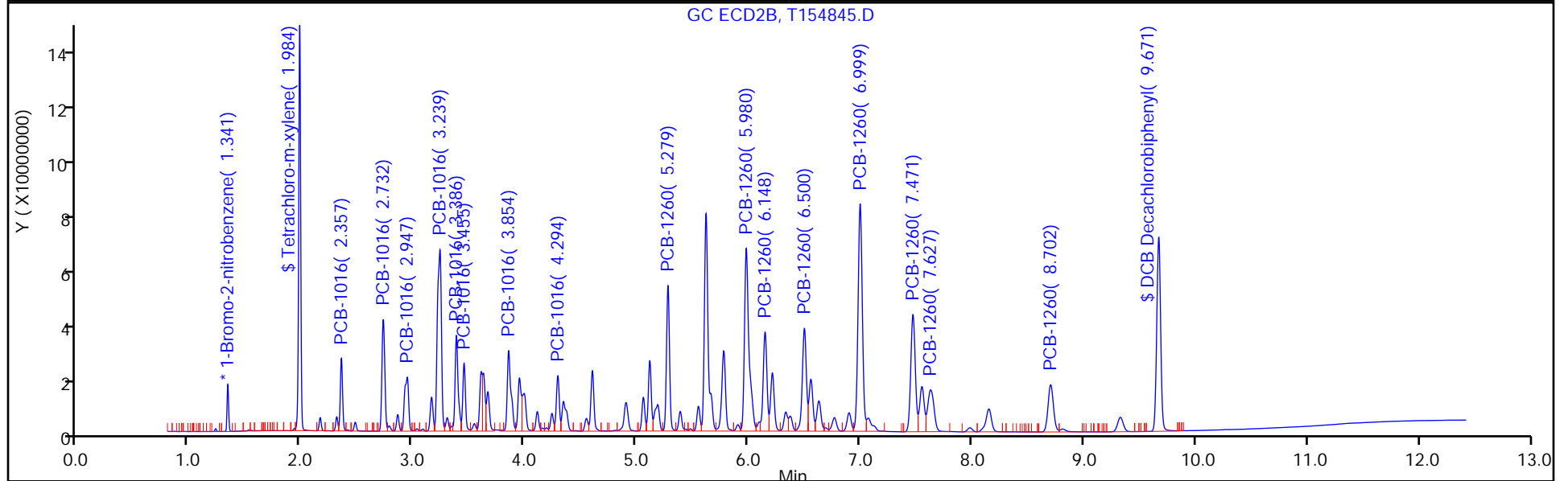
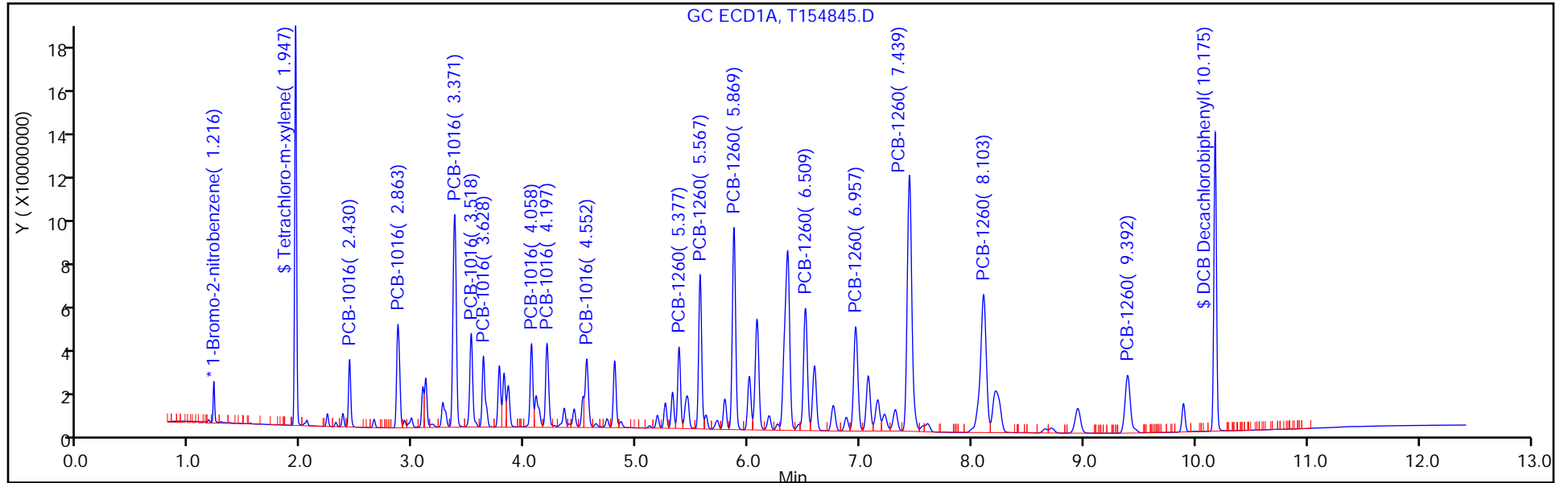
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 18:27 Calibration End Date: 02/04/2019 19:36 Calibration ID: 73308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/3	T154842.D
Level 2	IC 460-587126/4	T154843.D
Level 3	IC 460-587126/2	T154841.D
Level 4	IC 460-587126/5	T154844.D
Level 5	IC 460-587126/6	T154845.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0183	0.0203	0.0169	0.0162	0.0178	Ave		0.0179			8.8	20.0				0.9900	
PCB-1016 Peak 2	0.0328	0.0397	0.0327	0.0310	0.0347	Ave		0.0342			9.8	20.0				0.9900	
PCB-1016 Peak 3	0.0224	0.0267	0.0221	0.0211	0.0236	Ave		0.0232			9.3	20.0				0.9900	
PCB-1016 Peak 4	0.0644	0.0872	0.0728	0.0695	0.0788	Ave		0.0746			11.8	20.0				0.9900	
PCB-1016 Peak 5	0.0266	0.0357	0.0297	0.0282	0.0317	Ave		0.0304			11.6	20.0				0.9900	
PCB-1016 Peak 6	0.0212	0.0234	0.0190	0.0181	0.0198	Ave		0.0203			10.2	20.0				0.9900	
PCB-1016 Peak 7	0.0393	0.0376	0.0317	0.0293	0.0325	Ave		0.0341			12.4	20.0				0.9900	
PCB-1016 Peak 8	0.0177	0.0200	0.0180	0.0158	0.0176	Ave		0.0178			8.4	20.0				0.9900	
PCB-1260 Peak 1	0.0505	0.0548	0.0453	0.0426	0.0475	Ave		0.0481			9.8	20.0				0.9900	
PCB-1260 Peak 2	0.0806	0.1004	0.0880	0.0802	0.0896	Ave		0.0877			9.4	20.0				0.9900	
PCB-1260 Peak 3	0.0465	0.0461	0.0360	0.0365	0.0402	Ave		0.0411			12.3	20.0				0.9900	
PCB-1260 Peak 4	0.0461	0.0508	0.0407	0.0402	0.0449	Ave		0.0445			9.7	20.0				0.9900	
PCB-1260 Peak 5	0.0921	0.1167	0.0951	0.0936	0.1049	Ave		0.1005			10.3	20.0				0.9900	
PCB-1260 Peak 6	0.0501	0.0637	0.0523	0.0506	0.0573	Ave		0.0548			10.5	20.0				0.9900	
PCB-1260 Peak 7	0.0255	0.0323	0.0262	0.0254	0.0281	Ave		0.0275			10.5	20.0				0.9900	
PCB-1260 Peak 8	0.0268	0.0308	0.0238	0.0241	0.0277	Ave		0.0266			10.8	20.0				0.9900	
Tetrachloro-m-xylene	0.8077	1.0908	0.9524	0.9437	1.0922	Ave		0.9774			12.2	20.0				0.9900	
DCB Decachlorobiphenyl	0.8071	1.0387	0.9238	0.8773	1.0255	Ave		0.9345			10.5	20.0				0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 18:27 Calibration End Date: 02/04/2019 19:36 Calibration ID: 73308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/3	T154842.D
Level 2	IC 460-587126/4	T154843.D
Level 3	IC 460-587126/2	T154841.D
Level 4	IC 460-587126/5	T154844.D
Level 5	IC 460-587126/6	T154845.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	739388	7834306	13637812	19244701	37114001	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	1326558	15327929	26428651	36932529	72251752	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	906133	10312860	17849454	25165788	49225617	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	2605397	33703470	58815261	82810370	164157026	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	1078091	13812782	23999386	33538633	66034284	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	855750	9025506	15313644	21498650	41298978	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	1590299	14541085	25588557	34856705	67679310	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	715646	7748049	14564679	18856008	36705611	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	2044867	21185886	36587623	50770039	98812653	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	3260771	38795092	71065548	95460638	186489604	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	1880422	17805249	29084658	43445751	83810294	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	1864185	19619748	32875732	47855348	93602070	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	3726283	45091839	76853265	111443618	218498917	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	2027031	24629409	42226373	60189895	119254708	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	1033133	12479944	21167984	30263973	58435766	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	1082498	11915787	19255435	28705787	57585900	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	8170232	42152920	76940699	112361522	181942625	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	8163739	40139685	74627891	104462427	170836387	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154841.D  
 Lims ID: IC PCB 3  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 04-Feb-2019 18:27:38 ALS Bottle#: 2 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-002  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:04:50 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:27:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.217	1.217	0.000	17842599	20.0	20.0	
2	1.341	1.341	0.000	16157076	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.949	1.949	0.000	88760340	100.0	97.9	
2	1.984	1.984	0.000	76940699	100.0	97.4	
RPD = 0.48							



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.433	2.433	0.000	14954186	1000.0	968.3	
1	2.865	2.865	0.000	31466902	1000.0	978.7	M
1	3.375	3.375	0.000	71550037	1000.0	977.1	M
1	3.520	3.520	0.000	28995877	1000.0	977.0	M
1	3.630	3.630	0.000	23001810	1000.0	969.0	M
1	4.061	4.061	0.000	23231949	1000.0	893.9	M
1	4.200	4.200	0.000	25446002	1000.0	904.4	M
1	4.555	4.555	0.000	24368720	1000.0	968.1	M

Average of Peak Amounts = 954.6

2	2.357	2.357	0.000	13637812	1000.0	944.0	
2	2.732	2.732	0.000	26428651	1000.0	957.2	M
2	2.947	2.947	0.000	17849454	1000.0	952.8	M
2	3.239	3.239	0.000	58815261	1000.0	976.5	M
2	3.386	3.386	0.000	23999386	1000.0	977.4	M
2	3.455	3.455	0.000	15313644	1000.0	935.2	M
2	3.854	3.854	0.000	25588557	1000.0	929.5	M
2	4.294	4.294	0.000	14564679	1000.0	1010.3	M

Average of Peak Amounts = 960.3

RPD = 0.60

8 PCB-1260

							M
1	5.382	5.382	0.000	22595892	1000.0	891.6	M
1	5.570	5.570	0.000	46411360	1000.0	946.2	M
1	5.874	5.874	0.000	66238375	1000.0	995.9	M
1	6.514	6.514	0.000	46050077	1000.0	942.0	
1	6.964	6.964	0.000	41303891	1000.0	927.9	
1	7.445	7.445	0.000	113127520	1000.0	952.2	
1	8.110	8.110	0.000	80556892	1000.0	956.9	
1	9.399	9.399	0.000	29201565	1000.0	923.5	

Average of Peak Amounts = 942.0

2	5.280	5.280	0.000	36587623	1000.0	940.6	M
2	5.980	5.980	0.000	71065548	1000.0	1002.6	M
2	6.148	6.148	0.000	29084658	1000.0	876.9	M
2	6.500	6.500	0.000	32875732	1000.0	913.8	M
2	7.000	7.000	0.000	76853265	1000.0	946.7	M
2	7.473	7.473	0.000	42226373	1000.0	954.1	
2	7.631	7.631	0.000	21167984	1000.0	952.7	
2	8.705	8.705	0.000	19255435	1000.0	894.8	M

Average of Peak Amounts = 935.3

RPD = 0.72

\$ 11 DCB Decachlorobiphenyl

1	10.183	10.183	0.000	96084210	100.0	100.5	
2	9.671	9.671	0.000	74627891	100.0	98.9	

RPD = 1.67

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L3_00033	Amount Added: 1.00	Units: mL	
SG1260ResPCB_00001	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154841.D

Injection Date: 04-Feb-2019 18:27:38

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 2

Client ID:

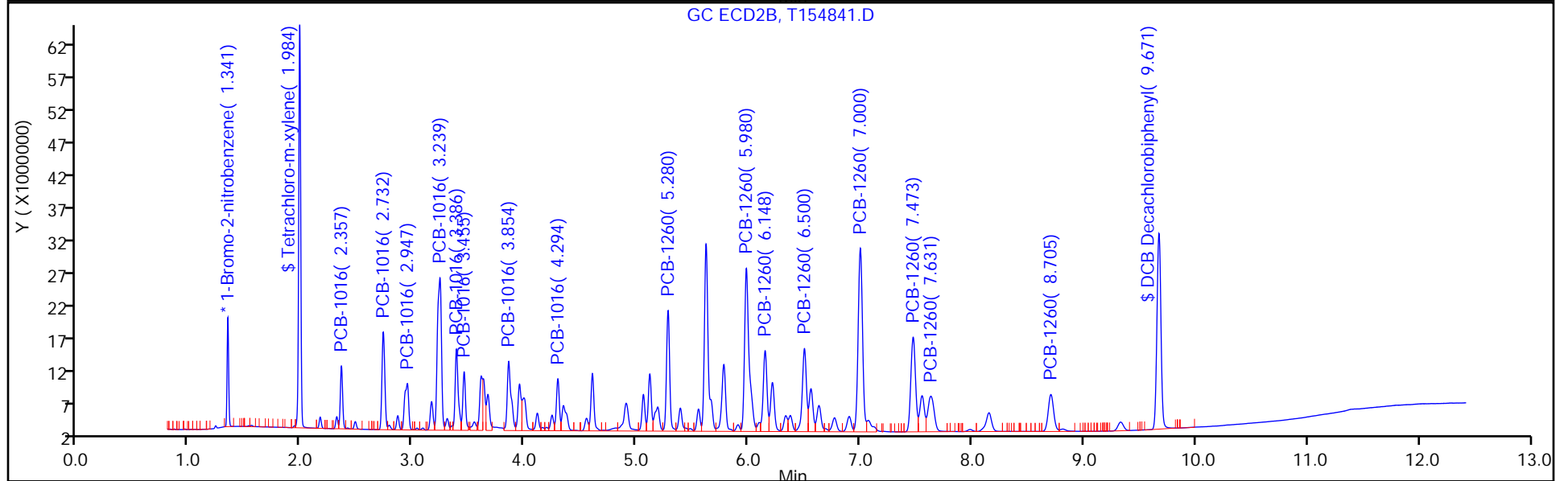
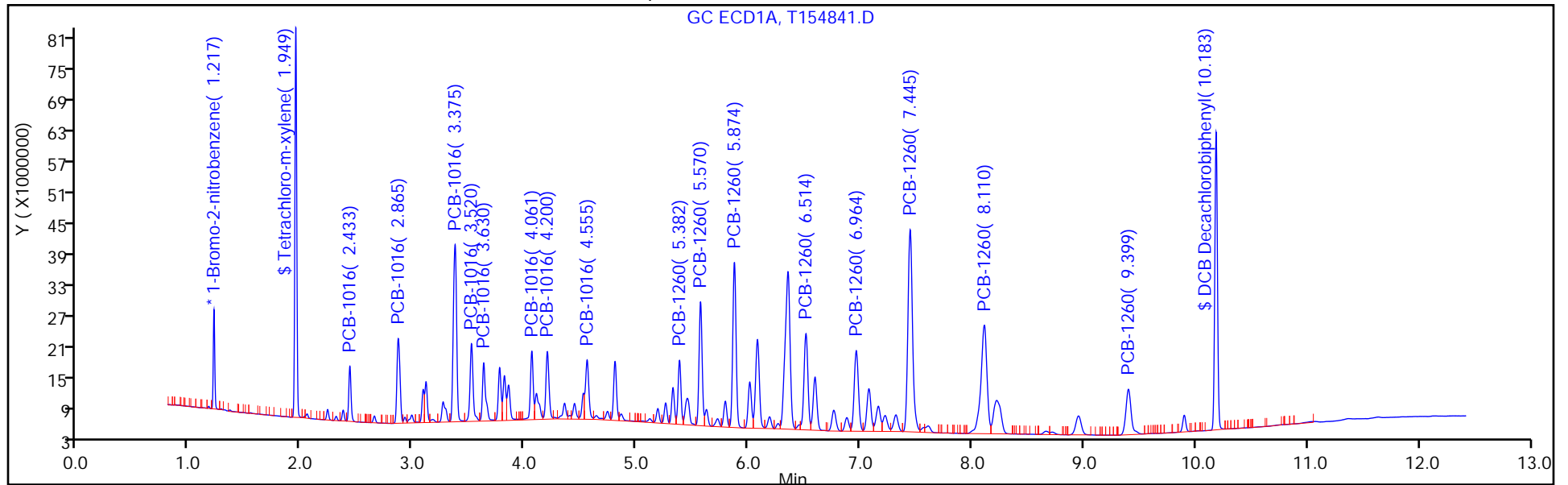
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154842.D  
 Lims ID: IC PCB 1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 04-Feb-2019 18:44:47 ALS Bottle#: 3 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-003  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:04:56 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:28:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.218	1.217	0.001	17749921	20.0	20.0	M
2	1.340	1.341	-0.001	16183936	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.949	1.949	0.000	9442049	12.5	10.5	
2	1.984	1.984	0.000	8170232	12.5	10.3	
RPD = 1.35							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.434	2.433	0.001	732622	50.0	47.7	
1	2.866	2.865	0.001	1414461	50.0	44.2	M
1	3.374	3.375	-0.001	3349401	50.0	46.0	M
1	3.522	3.520	0.002	1375642	50.0	46.6	M
1	3.631	3.630	0.001	1144498	50.0	48.5	M
1	4.064	4.061	0.003	1537668	50.0	59.5	M
1	4.200	4.200	0.000	1500234	50.0	53.6	M
1	4.556	4.555	0.001	1304153	50.0	52.1	M

Average of Peak Amounts = 49.8

2	2.357	2.357	0.000	739388	50.0	51.1	M
2	2.731	2.732	-0.001	1326558	50.0	48.0	M
2	2.947	2.947	0.000	906133	50.0	48.3	M
2	3.238	3.239	-0.001	2605397	50.0	43.2	M
2	3.387	3.386	0.001	1078091	50.0	43.8	M
2	3.455	3.455	0.000	855750	50.0	52.2	M
2	3.852	3.854	-0.002	1590299	50.0	57.7	M
2	4.294	4.294	0.000	715646	50.0	49.6	M

Average of Peak Amounts = 49.2

RPD = 1.09

8 PCB-1260

							M
1	5.382	5.382	0.000	1463942	50.0	58.1	M
1	5.573	5.570	0.003	2514931	50.0	51.5	M
1	5.874	5.874	0.000	2785501	50.0	42.1	M
1	6.515	6.514	0.001	2296718	50.0	47.2	M
1	6.965	6.964	0.001	2124279	50.0	48.0	M
1	7.445	7.445	0.000	5371596	50.0	45.4	M
1	8.108	8.110	-0.002	3819452	50.0	45.6	
1	9.403	9.399	0.004	1441679	50.0	45.8	M

Average of Peak Amounts = 48.0

2	5.279	5.280	-0.001	2044867	50.0	52.5	M
2	5.980	5.980	0.000	3260771	50.0	45.9	M
2	6.149	6.148	0.001	1880422	50.0	56.6	M
2	6.498	6.500	-0.002	1864185	50.0	51.7	M
2	6.999	7.000	-0.001	3726283	50.0	45.8	M
2	7.470	7.473	-0.003	2027031	50.0	45.7	M
2	7.629	7.631	-0.002	1033133	50.0	46.4	M
2	8.704	8.705	-0.001	1082498	50.0	50.2	M

Average of Peak Amounts = 49.4

RPD = 2.86

\$ 11 DCB Decachlorobiphenyl

1	10.182	10.183	-0.001	10370079	12.5	10.9	
2	9.669	9.671	-0.002	8163739	12.5	10.8	

RPD = 1.01

S 12 Polychlorinated biphenyls, Total

1						97.7	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L1\_00018

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154842.D

Injection Date: 04-Feb-2019 18:44:47

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 3

Client ID:

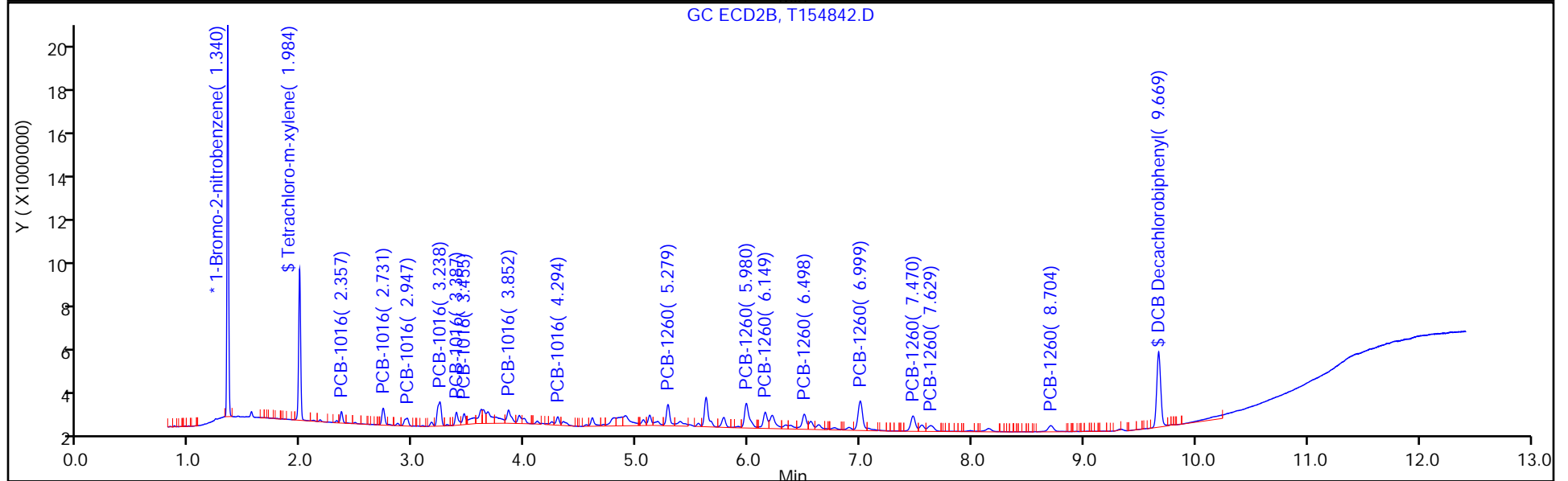
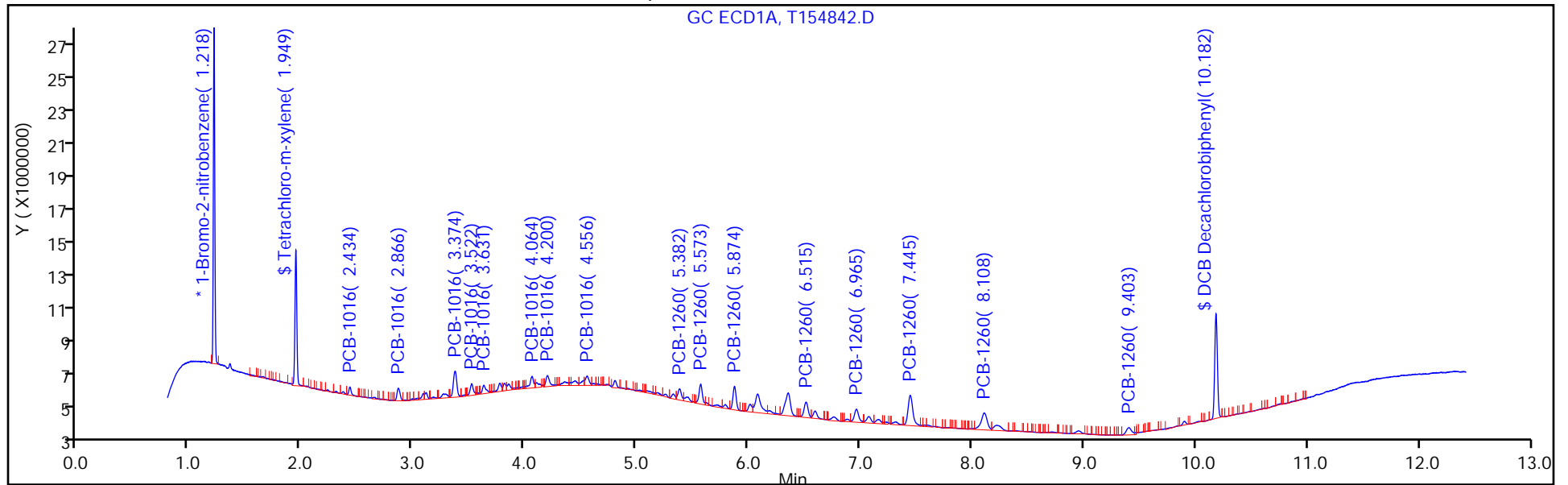
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154843.D  
 Lims ID: IC PCB 2  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 04-Feb-2019 19:02:01 ALS Bottle#: 4 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-004  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:04 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:28:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.218	1.217	0.001	17903343	20.0	20.0	M
2	1.341	1.341	0.000	15457666	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.950	1.949	0.001	48841620	50.0	53.7	
2	1.984	1.984	0.000	42152920	50.0	55.8	
RPD = 3.84							



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.434	2.433	0.001	8487272	500.0	547.7	
1	2.867	2.865	0.002	18092089	500.0	560.8	M
1	3.374	3.375	-0.001	40506767	500.0	551.3	M
1	3.522	3.520	0.002	16371363	500.0	549.7	M
1	3.632	3.630	0.002	12923025	500.0	542.6	M
1	4.061	4.061	0.000	13782136	500.0	528.5	M
1	4.200	4.200	0.000	15394304	500.0	545.3	M
1	4.556	4.555	0.001	13549306	500.0	536.4	M

Average of Peak Amounts = 545.3

2	2.358	2.357	0.001	7834306	500.0	566.8	M
2	2.732	2.732	0.000	15327929	500.0	580.3	M
2	2.947	2.947	0.000	10312860	500.0	575.4	M
2	3.239	3.239	0.000	33703470	500.0	584.9	M
2	3.386	3.386	0.000	13812782	500.0	588.0	M
2	3.455	3.455	0.000	9025506	500.0	576.1	M
2	3.852	3.854	-0.002	14541085	500.0	552.1	M
2	4.293	4.294	-0.001	7748049	500.0	561.7	M

Average of Peak Amounts = 573.2

RPD = 4.98

8 PCB-1260

							M
1	5.382	5.382	0.000	13340280	500.0	524.6	M
1	5.571	5.570	0.001	26510185	500.0	538.6	M
1	5.873	5.874	-0.001	37355889	500.0	559.7	M
1	6.513	6.514	-0.001	27085455	500.0	552.2	M
1	6.964	6.964	0.000	24665109	500.0	552.2	
1	7.446	7.445	0.001	66116873	500.0	554.6	
1	8.110	8.110	0.000	46854832	500.0	554.7	
1	9.400	9.399	0.001	17967592	500.0	566.3	

Average of Peak Amounts = 550.4

2	5.278	5.280	-0.002	21185886	500.0	569.3	
2	5.979	5.980	-0.001	38795092	500.0	572.1	
2	6.147	6.148	-0.001	17805249	500.0	561.1	
2	6.498	6.500	-0.002	19619748	500.0	570.0	
2	6.998	7.000	-0.002	45091839	500.0	580.6	
2	7.470	7.473	-0.003	24629409	500.0	581.7	
2	7.629	7.631	-0.002	12479944	500.0	587.1	
2	8.704	8.705	-0.001	11915787	500.0	578.8	

Average of Peak Amounts = 575.1

RPD = 4.39

\$ 11 DCB Decachlorobiphenyl

1	10.179	10.183	-0.004	50880762	50.0	53.0	
2	9.668	9.671	-0.003	40139685	50.0	55.6	

RPD = 4.65

S 12 Polychlorinated biphenyls, Total

1						1095.7	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L2\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154843.D

Injection Date: 04-Feb-2019 19:02:01

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 4

Client ID:

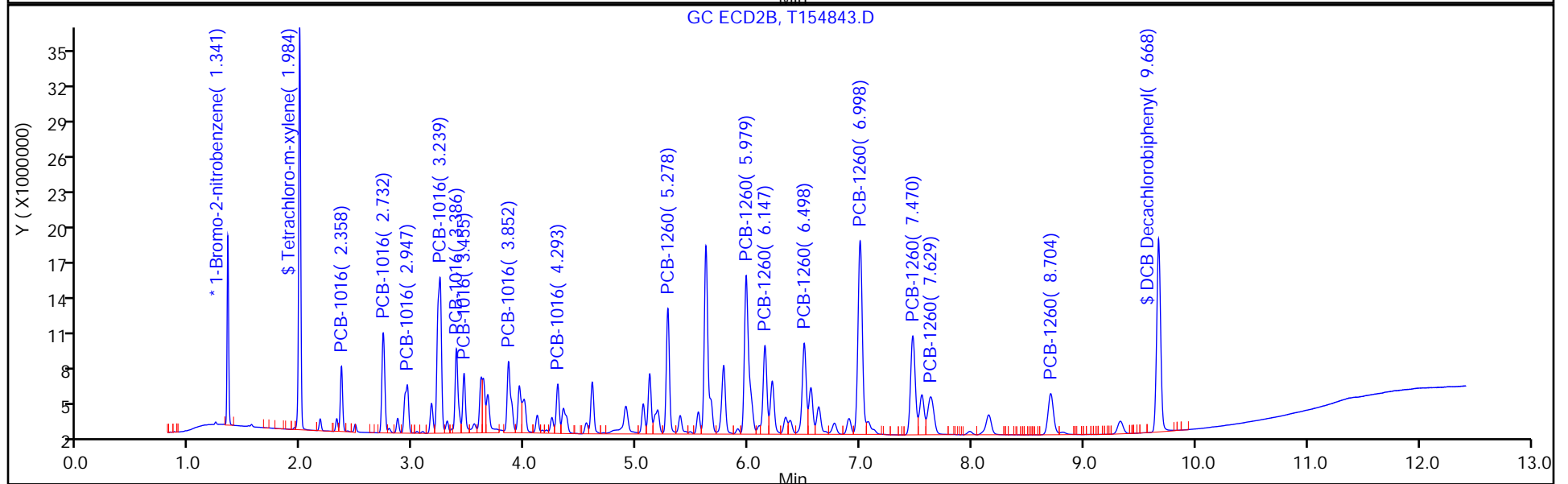
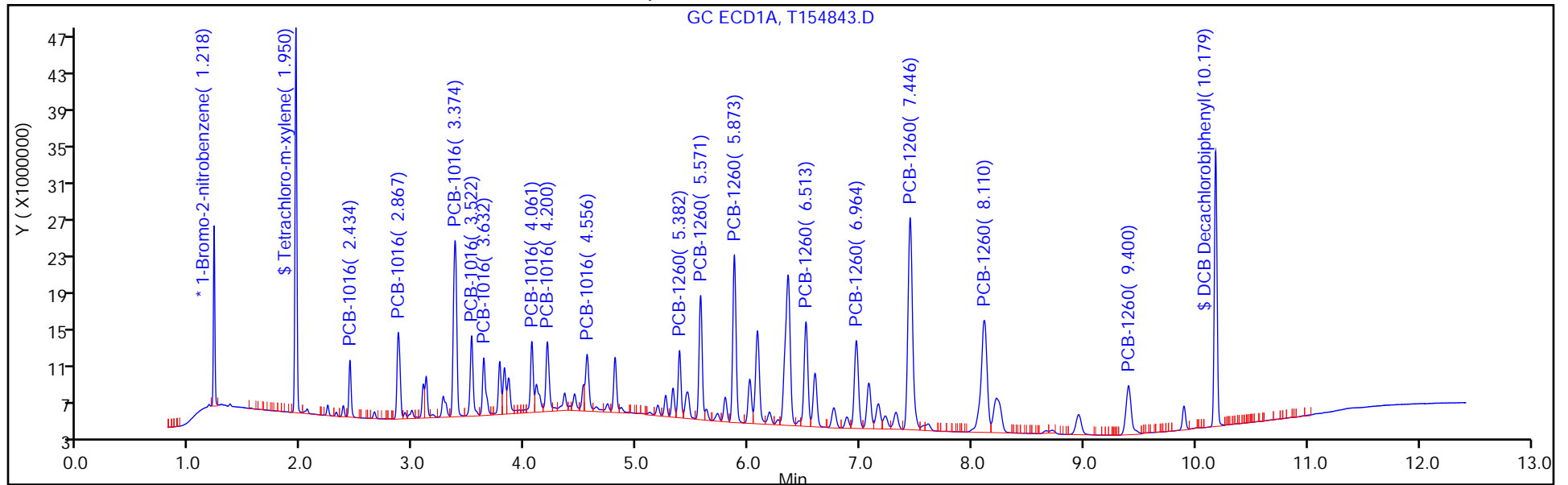
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154844.D  
 Lims ID: IC PCB 4  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 04-Feb-2019 19:19:12 ALS Bottle#: 5 Worklist Smp#: 5  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-005  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:08 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:28:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.217	1.217	0.000	17614226	20.0	20.0	M
2	1.341	1.341	0.000	15875698	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	1.950	1.949	0.001	130357695	150.0	145.7	
2	1.984	1.984	0.000	112361522	150.0	144.8	M
RPD = 0.58							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.432	2.433	-0.001	21137722	1500.0	1386.5	
1	2.866	2.865	0.001	44883614	1500.0	1414.1	M
1	3.374	3.375	-0.001	102086104	1500.0	1412.2	M
1	3.522	3.520	0.002	41857702	1500.0	1428.6	M
1	3.631	3.630	0.001	33507828	1500.0	1429.9	M
1	4.062	4.061	0.001	34479334	1500.0	1343.9	M
1	4.200	4.200	0.000	38744442	1500.0	1394.8	M
1	4.556	4.555	0.001	34109295	1500.0	1372.6	M

Average of Peak Amounts = 1397.8

2	2.357	2.357	0.000	19244701	1500.0	1355.7	M
2	2.732	2.732	0.000	36932529	1500.0	1361.4	M
2	2.947	2.947	0.000	25165788	1500.0	1367.1	M
2	3.239	3.239	0.000	82810370	1500.0	1399.2	M
2	3.386	3.386	0.000	33538633	1500.0	1390.1	M
2	3.455	3.455	0.000	21498650	1500.0	1336.1	M
2	3.853	3.854	-0.001	34856705	1500.0	1288.6	M
2	4.292	4.294	-0.002	18856008	1500.0	1331.1	M

Average of Peak Amounts = 1353.7

RPD = 3.21

8 PCB-1260

							M
1	5.382	5.382	0.000	33335069	1500.0	1332.5	M
1	5.570	5.570	0.000	65962811	1500.0	1362.3	M
1	5.872	5.874	-0.002	93376640	1500.0	1422.1	M
1	6.513	6.514	-0.001	67648611	1500.0	1401.7	M
1	6.964	6.964	0.000	61250895	1500.0	1393.9	
1	7.445	7.445	0.000	165067527	1500.0	1407.4	
1	8.107	8.110	-0.003	116447245	1500.0	1401.2	
1	9.399	9.399	0.000	43702675	1500.0	1400.0	

Average of Peak Amounts = 1390.1

2	5.278	5.280	-0.002	50770039	1500.0	1328.4	M
2	5.979	5.980	-0.001	95460638	1500.0	1370.7	M
2	6.147	6.148	-0.001	43445751	1500.0	1333.1	M
2	6.498	6.500	-0.002	47855348	1500.0	1353.7	M
2	6.998	7.000	-0.002	111443618	1500.0	1397.1	M
2	7.472	7.473	-0.001	60189895	1500.0	1384.1	
2	7.632	7.631	0.001	30263973	1500.0	1386.3	
2	8.703	8.705	-0.002	28705787	1500.0	1357.6	M

Average of Peak Amounts = 1363.9

RPD = 1.91

\$ 11 DCB Decachlorobiphenyl

1	10.181	10.183	-0.002	133460123	150.0	141.4	
2	9.670	9.671	-0.001	104462427	150.0	140.8	

RPD = 0.43

S 12 Polychlorinated biphenyls, Total

1						2787.9	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154844.D

Injection Date: 04-Feb-2019 19:19:12

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

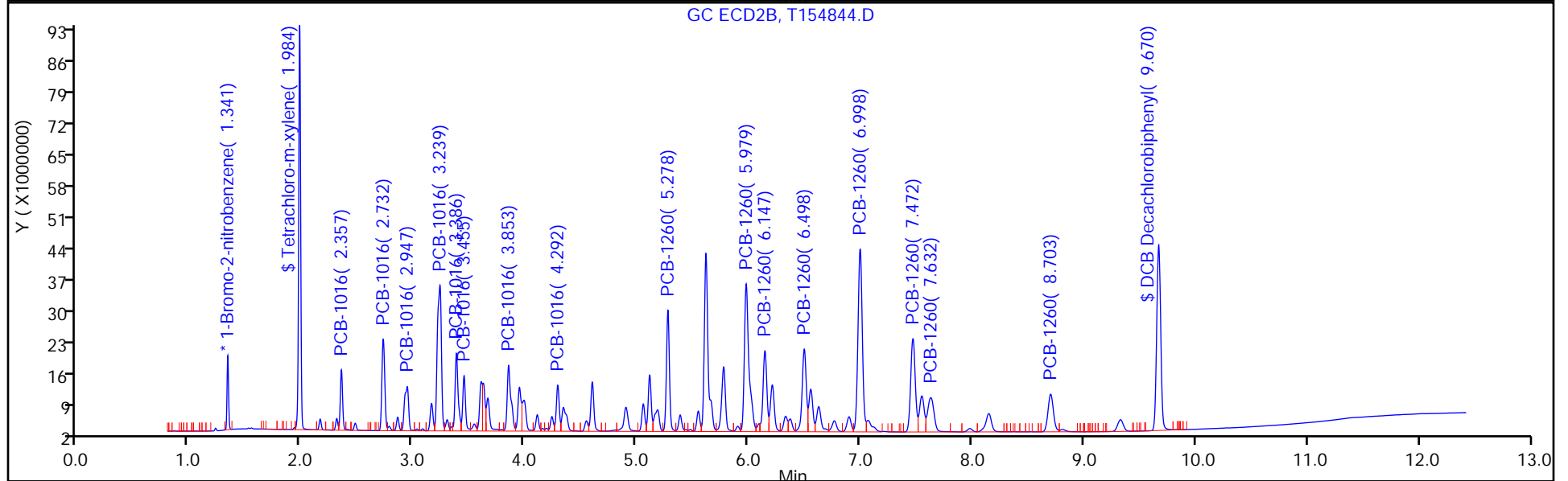
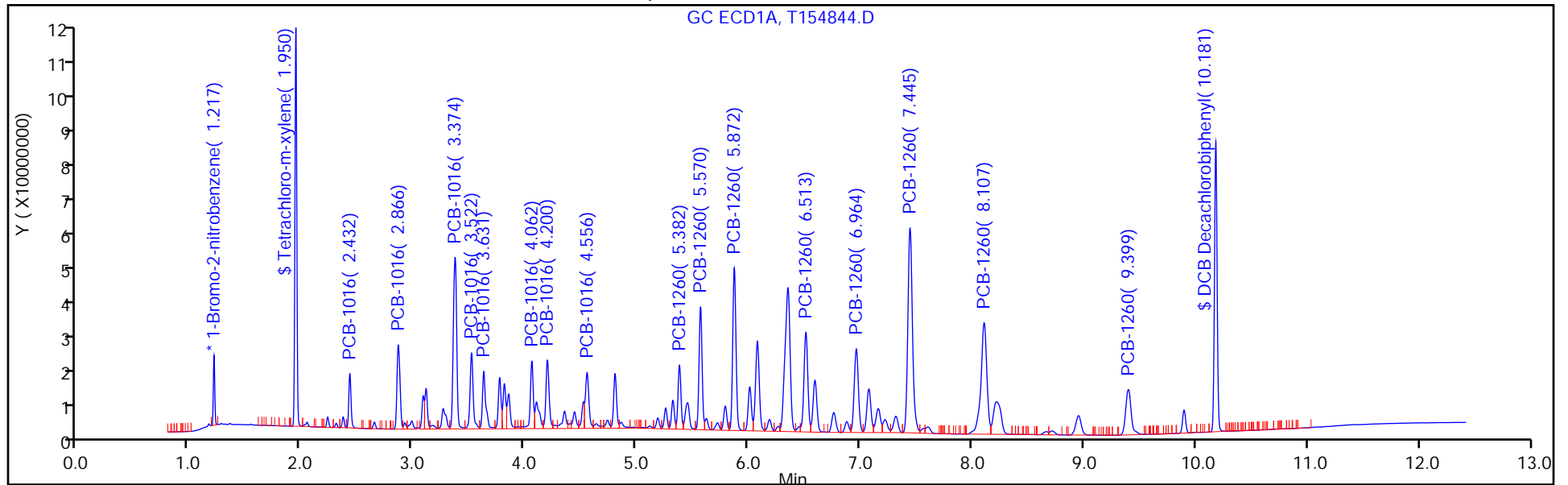
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154845.D  
 Lims ID: IC PCB 5  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 04-Feb-2019 19:36:22 ALS Bottle#: 6 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-006  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:13 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:28:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.217	-0.001	18090963	20.0	20.0	M
2	1.341	1.341	0.000	16659048	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.947	1.949	-0.002	209174058	200.0	227.6	
2	1.984	1.984	0.000	181942625	200.0	223.5	
RPD = 1.82							



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.430	2.433	-0.003	41424646	2500.0	2645.5	
1	2.863	2.865	-0.002	87412304	2500.0	2681.4	
1	3.371	3.375	-0.004	196593861	2500.0	2647.9	
1	3.518	3.520	-0.002	78185855	2500.0	2598.2	
1	3.628	3.630	-0.002	61569909	2500.0	2558.2	
1	4.058	4.061	-0.003	63487644	2500.0	2409.3	M
1	4.197	4.200	-0.003	71553904	2500.0	2508.1	M
1	4.552	4.555	-0.003	63957986	2500.0	2505.9	

Average of Peak Amounts = 2569.3

2	2.357	2.357	0.000	37114001	2500.0	2491.6	M
2	2.732	2.732	0.000	72251752	2500.0	2538.1	M
2	2.947	2.947	0.000	49225617	2500.0	2548.4	M
2	3.239	3.239	0.000	164157026	2500.0	2643.3	M
2	3.386	3.386	0.000	66034284	2500.0	2608.2	M
2	3.455	3.455	0.000	41298978	2500.0	2446.0	M
2	3.854	3.854	0.000	67679310	2500.0	2384.4	M
2	4.294	4.294	0.000	36705611	2500.0	2469.3	M

Average of Peak Amounts = 2516.2

RPD = 2.09

8 PCB-1260

							M
1	5.377	5.382	-0.005	64844307	2500.0	2523.6	
1	5.567	5.570	-0.003	128987948	2500.0	2593.7	
1	5.869	5.874	-0.005	184573900	2500.0	2736.9	
1	6.509	6.514	-0.005	133189553	2500.0	2687.0	
1	6.957	6.964	-0.007	121726541	2500.0	2697.2	
1	7.439	7.445	-0.006	328655379	2500.0	2728.3	
1	8.103	8.110	-0.007	232061243	2500.0	2718.7	
1	9.392	9.399	-0.007	87672162	2500.0	2734.6	

Average of Peak Amounts = 2677.5

2	5.279	5.280	-0.001	98812653	2500.0	2463.8	M
2	5.980	5.980	0.000	186489604	2500.0	2551.9	M
2	6.148	6.148	0.000	83810294	2500.0	2450.6	M
2	6.500	6.500	0.000	93602070	2500.0	2523.2	M
2	6.999	7.000	-0.001	218498917	2500.0	2610.4	M
2	7.471	7.473	-0.002	119254708	2500.0	2613.3	
2	7.627	7.631	-0.004	58435766	2500.0	2550.9	
2	8.702	8.705	-0.003	57585900	2500.0	2595.4	

Average of Peak Amounts = 2544.9

RPD = 5.08

\$ 11 DCB Decachlorobiphenyl

1	10.175	10.183	-0.008	216821662	200.0	223.7	
2	9.671	9.671	0.000	170836387	200.0	219.5	

RPD = 1.91

S 12 Polychlorinated biphenyls, Total

1						5246.8	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L5\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154845.D

Injection Date: 04-Feb-2019 19:36:22

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

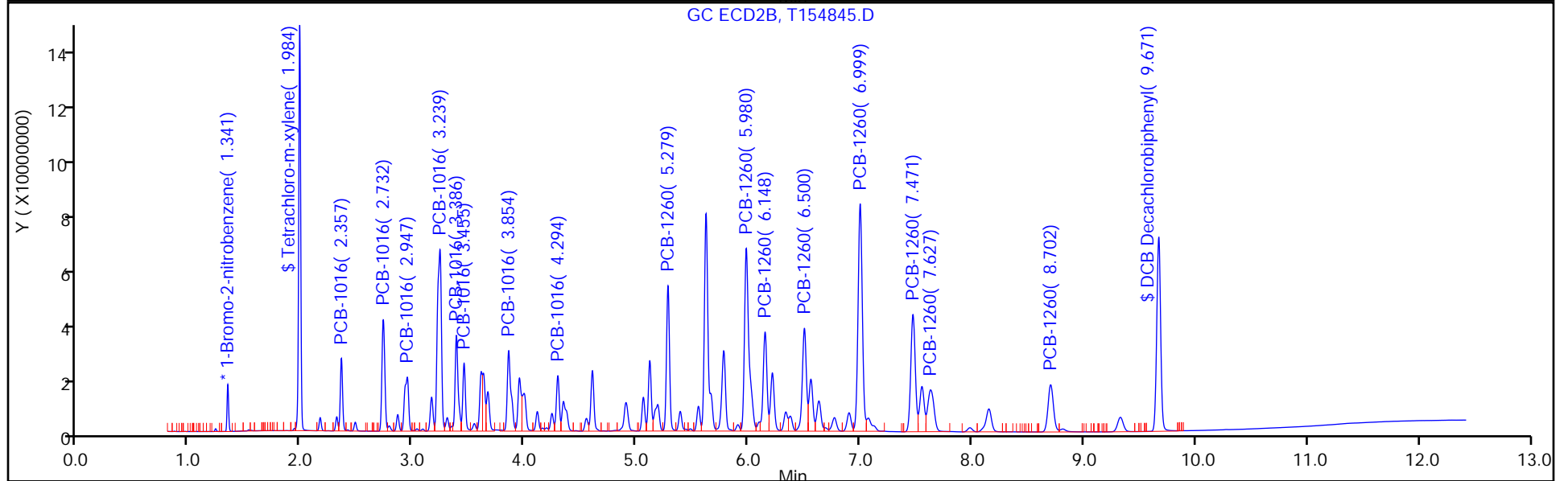
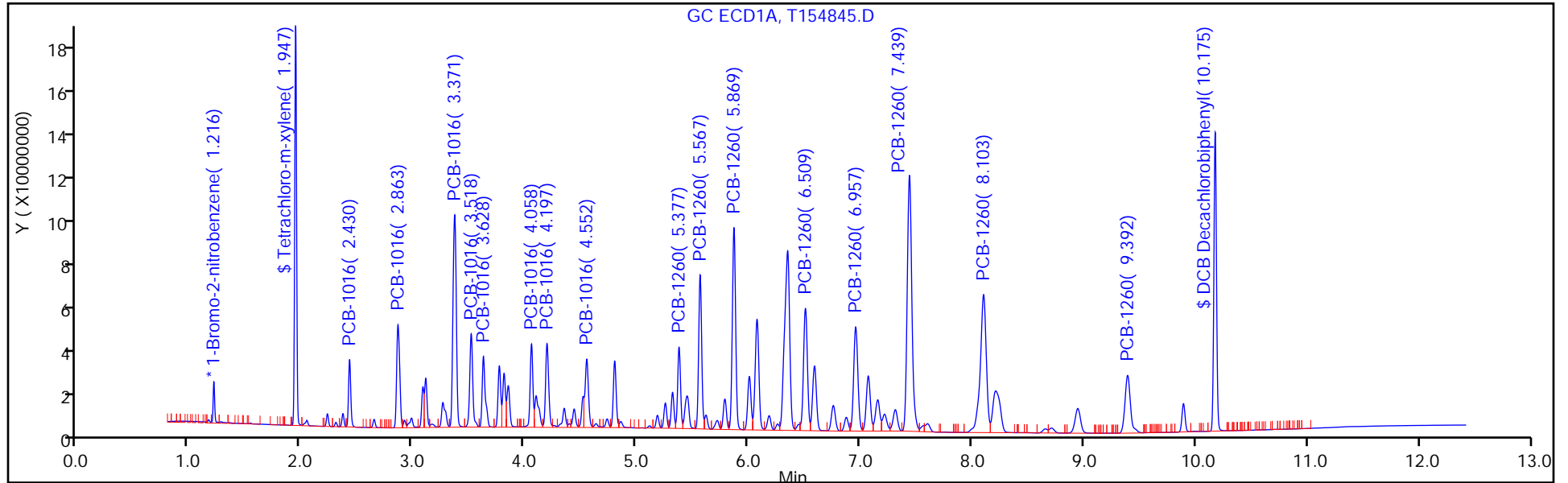
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:10 Calibration End Date: 02/04/2019 20:10 Calibration ID: 73313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/8	T154847.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	0.0120				Ave		0.0120						20.0			0.9900
PCB-1221 Peak 2	0.0174				Ave		0.0174						20.0			0.9900
PCB-1221 Peak 3	0.0110				Ave		0.0110						20.0			0.9900
PCB-1221 Peak 4	0.0429				Ave		0.0429						20.0			0.9900
PCB-1221 Peak 5	0.0056				Ave		0.0056						20.0			0.9900
PCB-1221 Peak 6	0.0086				Ave		0.0086						20.0			0.9900
PCB-1221 Peak 7	0.0037				Ave		0.0037						20.0			0.9900
PCB-1221 Peak 8	0.0022				Ave		0.0022						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:10 Calibration End Date: 02/04/2019 20:10 Calibration ID: 73313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/8	T154847.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	9917729					1000				
PCB-1221 Peak 2	BNB	Ave	14332087					1000				
PCB-1221 Peak 3	BNB	Ave	9042922					1000				
PCB-1221 Peak 4	BNB	Ave	35391792					1000				
PCB-1221 Peak 5	BNB	Ave	4597117					1000				
PCB-1221 Peak 6	BNB	Ave	7098502					1000				
PCB-1221 Peak 7	BNB	Ave	3085585					1000				
PCB-1221 Peak 8	BNB	Ave	1837194					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154847.D  
 Lims ID: IC 1221  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 20:10:42 ALS Bottle#: 8 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-008  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub3  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:24 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:48:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.216	0.000	16494399	20.0	20.0	M
2	1.341	1.341	0.000	15031522	20.0	20.0	M

RPD = 0.00

1 PCB-1221							M
1	1.543	1.543	0.000	9917729	1000.0	1000.0	
1	2.232	2.232	0.000	14332087	1000.0	1000.0	M
1	2.371	2.371	0.000	9042922	1000.0	1000.0	M
1	2.431	2.431	0.000	35391792	1000.0	1000.0	M
1	2.923	2.923	0.000	4597117	1000.0	1000.0	M
1	3.373	3.373	0.000	7098502	1000.0	1000.0	M
1	3.521	3.521	0.000	3085585	1000.0	1000.0	
1	3.628	3.628	0.000	1837194	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	1.528	1.528	0.000	8423201	1000.0	1000.0	M
2	2.168	2.168	0.000	12124744	1000.0	1000.0	
2	2.316	2.316	0.000	7704925	1000.0	1000.0	
2	2.358	2.358	0.000	30891942	1000.0	1000.0	
2	2.733	2.733	0.000	3023824	1000.0	1000.0	
2	2.863	2.863	0.000	4283785	1000.0	1000.0	
2	3.239	3.239	0.000	5604790	1000.0	1000.0	
2	3.387	3.387	0.000	2700335	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1221L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154847.D

Injection Date: 04-Feb-2019 20:10:42

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

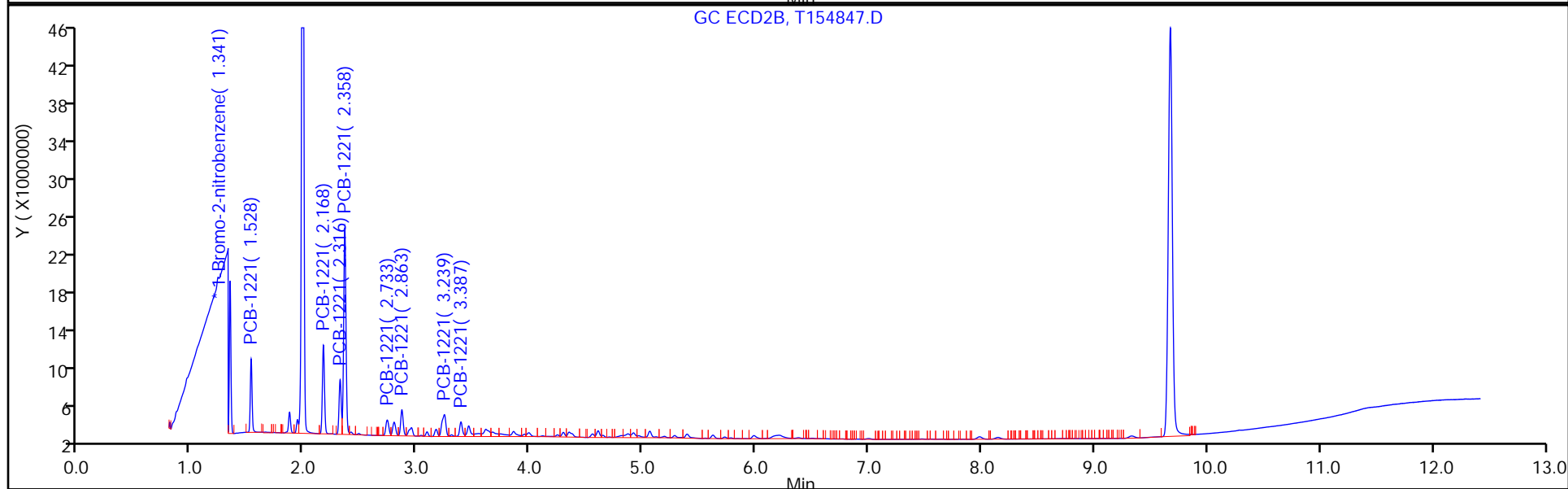
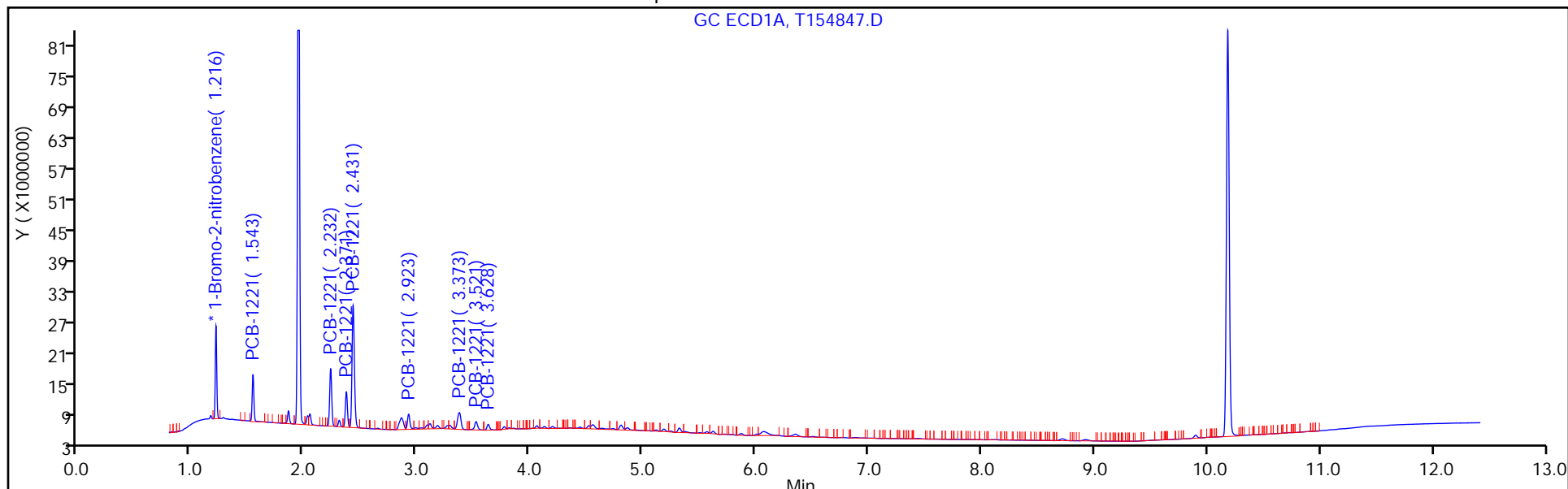
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:10 Calibration End Date: 02/04/2019 20:10 Calibration ID: 73314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/8	T154847.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	0.0112				Ave		0.0112						20.0			0.9900
PCB-1221 Peak 2	0.0161				Ave		0.0161						20.0			0.9900
PCB-1221 Peak 3	0.0103				Ave		0.0103						20.0			0.9900
PCB-1221 Peak 4	0.0411				Ave		0.0411						20.0			0.9900
PCB-1221 Peak 5	0.0040				Ave		0.0040						20.0			0.9900
PCB-1221 Peak 6	0.0057				Ave		0.0057						20.0			0.9900
PCB-1221 Peak 7	0.0075				Ave		0.0075						20.0			0.9900
PCB-1221 Peak 8	0.0036				Ave		0.0036						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:10 Calibration End Date: 02/04/2019 20:10 Calibration ID: 73314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/8	T154847.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1221 Peak 1	BNB	Ave	8423201						1000				
PCB-1221 Peak 2	BNB	Ave	12124744						1000				
PCB-1221 Peak 3	BNB	Ave	7704925						1000				
PCB-1221 Peak 4	BNB	Ave	30891942						1000				
PCB-1221 Peak 5	BNB	Ave	3023824						1000				
PCB-1221 Peak 6	BNB	Ave	4283785						1000				
PCB-1221 Peak 7	BNB	Ave	5604790						1000				
PCB-1221 Peak 8	BNB	Ave	2700335						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154847.D  
 Lims ID: IC 1221  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 20:10:42 ALS Bottle#: 8 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-008  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub3  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:24 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:48:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.216	0.000	16494399	20.0	20.0	M
2	1.341	1.341	0.000	15031522	20.0	20.0	M

RPD = 0.00

1 PCB-1221							M
1	1.543	1.543	0.000	9917729	1000.0	1000.0	
1	2.232	2.232	0.000	14332087	1000.0	1000.0	M
1	2.371	2.371	0.000	9042922	1000.0	1000.0	M
1	2.431	2.431	0.000	35391792	1000.0	1000.0	M
1	2.923	2.923	0.000	4597117	1000.0	1000.0	M
1	3.373	3.373	0.000	7098502	1000.0	1000.0	M
1	3.521	3.521	0.000	3085585	1000.0	1000.0	
1	3.628	3.628	0.000	1837194	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	1.528	1.528	0.000	8423201	1000.0	1000.0	M
2	2.168	2.168	0.000	12124744	1000.0	1000.0	
2	2.316	2.316	0.000	7704925	1000.0	1000.0	
2	2.358	2.358	0.000	30891942	1000.0	1000.0	
2	2.733	2.733	0.000	3023824	1000.0	1000.0	
2	2.863	2.863	0.000	4283785	1000.0	1000.0	
2	3.239	3.239	0.000	5604790	1000.0	1000.0	
2	3.387	3.387	0.000	2700335	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1221L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154847.D

Injection Date: 04-Feb-2019 20:10:42

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

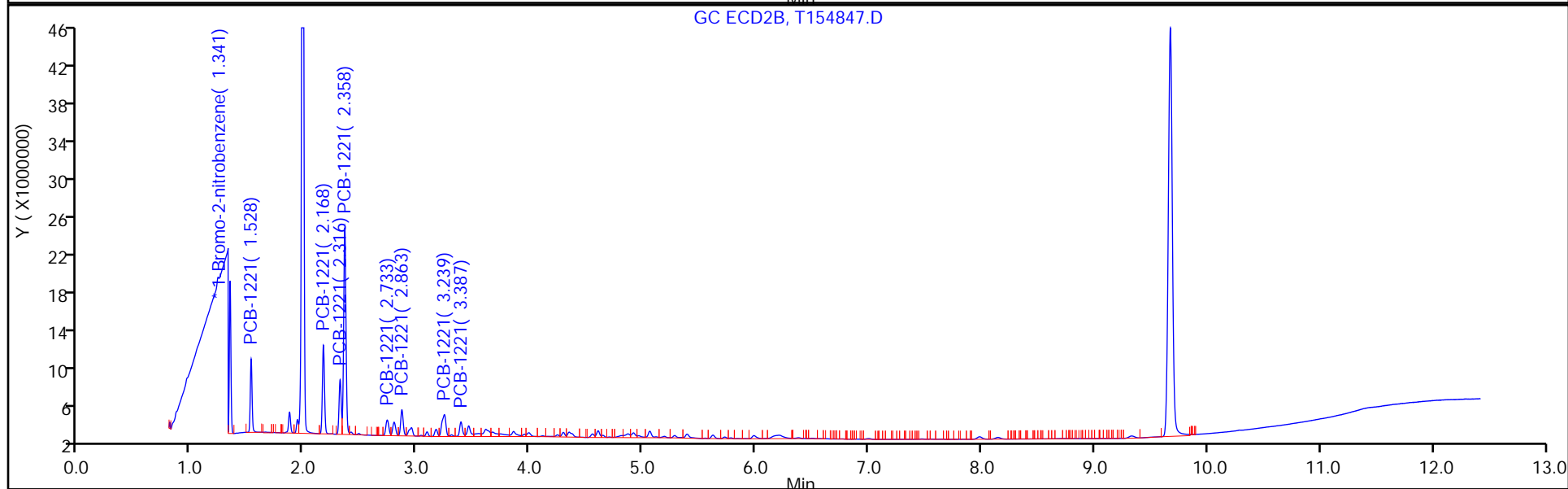
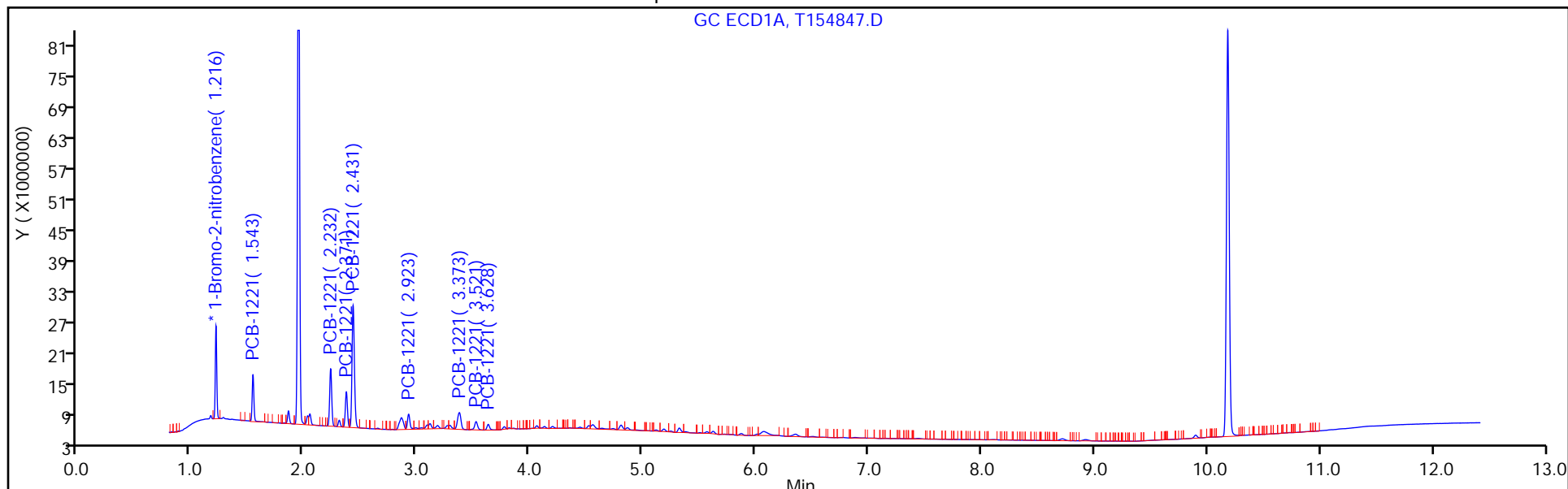
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:27 Calibration End Date: 02/04/2019 20:27 Calibration ID: 73319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/9	T154848.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	0.0303				Ave		0.0303						20.0			0.9900
PCB-1232 Peak 2	0.0248				Ave		0.0248						20.0			0.9900
PCB-1232 Peak 3	0.0544				Ave		0.0544						20.0			0.9900
PCB-1232 Peak 4	0.0212				Ave		0.0212						20.0			0.9900
PCB-1232 Peak 5	0.0155				Ave		0.0155						20.0			0.9900
PCB-1232 Peak 6	0.0177				Ave		0.0177						20.0			0.9900
PCB-1232 Peak 7	0.0160				Ave		0.0160						20.0			0.9900
PCB-1232 Peak 8	0.0179				Ave		0.0179						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:27 Calibration End Date: 02/04/2019 20:27 Calibration ID: 73319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/9	T154848.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	26619294					1000				
PCB-1232 Peak 2	BNB	Ave	21794520					1000				
PCB-1232 Peak 3	BNB	Ave	47759701					1000				
PCB-1232 Peak 4	BNB	Ave	18591213					1000				
PCB-1232 Peak 5	BNB	Ave	13655728					1000				
PCB-1232 Peak 6	BNB	Ave	15559344					1000				
PCB-1232 Peak 7	BNB	Ave	14026165					1000				
PCB-1232 Peak 8	BNB	Ave	15735211					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154848.D  
 Lims ID: IC 1232  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 20:27:52 ALS Bottle#: 9 Worklist Smp#: 9  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-009  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:51:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.216	0.000	17563815	20.0	20.0	
2	1.341	1.341	0.000	15700176	20.0	20.0	M

RPD = 0.00

3 PCB-1232							M
1	2.431	2.431	0.000	26619294	1000.0	1000.0	
1	2.864	2.864	0.000	21794520	1000.0	1000.0	
1	3.372	3.372	0.000	47759701	1000.0	1000.0	
1	3.519	3.519	0.000	18591213	1000.0	1000.0	
1	3.627	3.627	0.000	13655728	1000.0	1000.0	
1	4.197	4.197	0.000	15559344	1000.0	1000.0	M
1	4.520	4.520	0.000	14026165	1000.0	1000.0	M
1	4.565	4.565	0.000	15735211	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	2.357	2.357	0.000	24115058	1000.0	1000.0	M
2	2.732	2.732	0.000	17627747	1000.0	1000.0	M
2	2.947	2.947	0.000	12020359	1000.0	1000.0	M
2	3.240	3.240	0.000	38600462	1000.0	1000.0	M
2	3.387	3.387	0.000	15789752	1000.0	1000.0	M
2	3.854	3.854	0.000	15555105	1000.0	1000.0	M
2	4.345	4.345	0.000	22489489	1000.0	1000.0	M
2	4.598	4.598	0.000	8504780	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00



### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1232L4\_00028

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154848.D

Injection Date: 04-Feb-2019 20:27:52

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

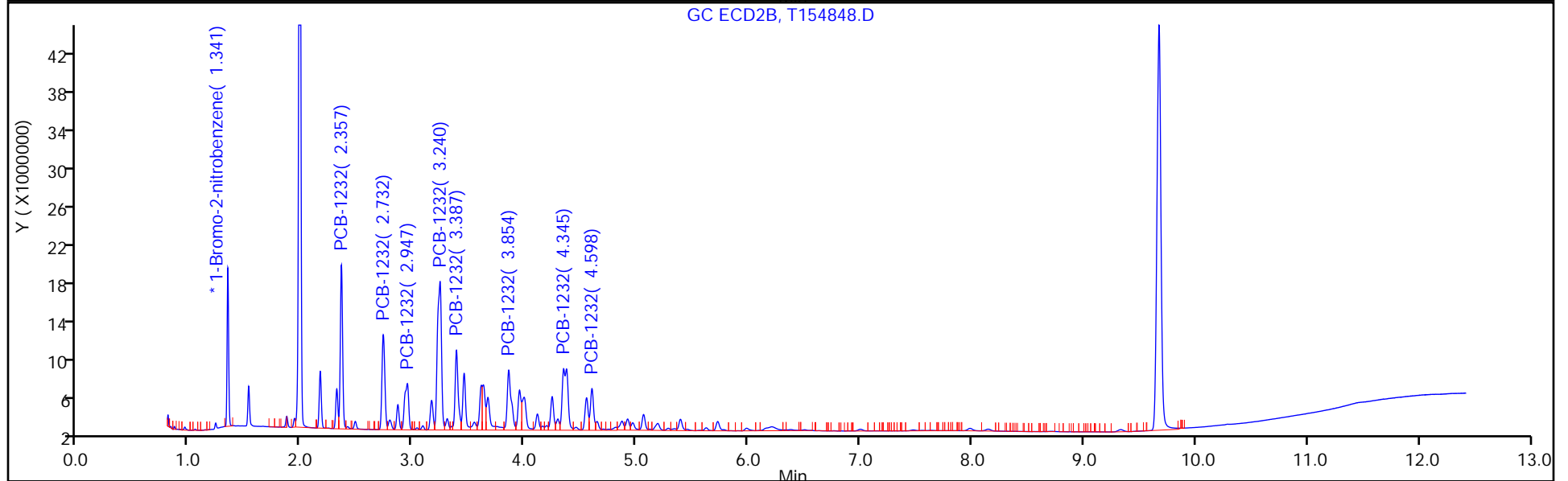
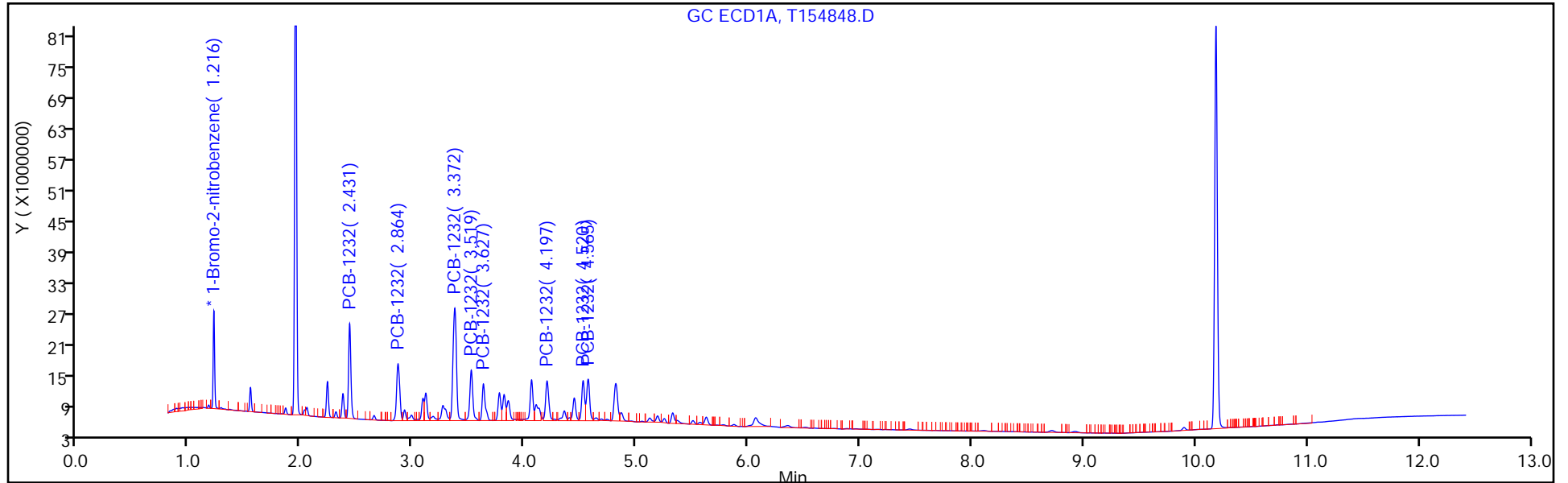
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:27 Calibration End Date: 02/04/2019 20:27 Calibration ID: 73320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/9	T154848.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	0.0307				Ave		0.0307						20.0			0.9900
PCB-1232 Peak 2	0.0225				Ave		0.0225						20.0			0.9900
PCB-1232 Peak 3	0.0153				Ave		0.0153						20.0			0.9900
PCB-1232 Peak 4	0.0492				Ave		0.0492						20.0			0.9900
PCB-1232 Peak 5	0.0201				Ave		0.0201						20.0			0.9900
PCB-1232 Peak 6	0.0198				Ave		0.0198						20.0			0.9900
PCB-1232 Peak 7	0.0286				Ave		0.0286						20.0			0.9900
PCB-1232 Peak 8	0.0108				Ave		0.0108						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:27 Calibration End Date: 02/04/2019 20:27 Calibration ID: 73320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/9	T154848.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	24115058					1000				
PCB-1232 Peak 2	BNB	Ave	17627747					1000				
PCB-1232 Peak 3	BNB	Ave	12020359					1000				
PCB-1232 Peak 4	BNB	Ave	38600462					1000				
PCB-1232 Peak 5	BNB	Ave	15789752					1000				
PCB-1232 Peak 6	BNB	Ave	15555105					1000				
PCB-1232 Peak 7	BNB	Ave	22489489					1000				
PCB-1232 Peak 8	BNB	Ave	8504780					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154848.D  
 Lims ID: IC 1232  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 20:27:52 ALS Bottle#: 9 Worklist Smp#: 9  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-009  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:51:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.216	0.000	17563815	20.0	20.0	
2	1.341	1.341	0.000	15700176	20.0	20.0	M

RPD = 0.00

3 PCB-1232							M
1	2.431	2.431	0.000	26619294	1000.0	1000.0	
1	2.864	2.864	0.000	21794520	1000.0	1000.0	
1	3.372	3.372	0.000	47759701	1000.0	1000.0	
1	3.519	3.519	0.000	18591213	1000.0	1000.0	
1	3.627	3.627	0.000	13655728	1000.0	1000.0	
1	4.197	4.197	0.000	15559344	1000.0	1000.0	M
1	4.520	4.520	0.000	14026165	1000.0	1000.0	M
1	4.565	4.565	0.000	15735211	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	2.357	2.357	0.000	24115058	1000.0	1000.0	M
2	2.732	2.732	0.000	17627747	1000.0	1000.0	M
2	2.947	2.947	0.000	12020359	1000.0	1000.0	M
2	3.240	3.240	0.000	38600462	1000.0	1000.0	M
2	3.387	3.387	0.000	15789752	1000.0	1000.0	M
2	3.854	3.854	0.000	15555105	1000.0	1000.0	M
2	4.345	4.345	0.000	22489489	1000.0	1000.0	M
2	4.598	4.598	0.000	8504780	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1232L4\_00028

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154848.D

Injection Date: 04-Feb-2019 20:27:52

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

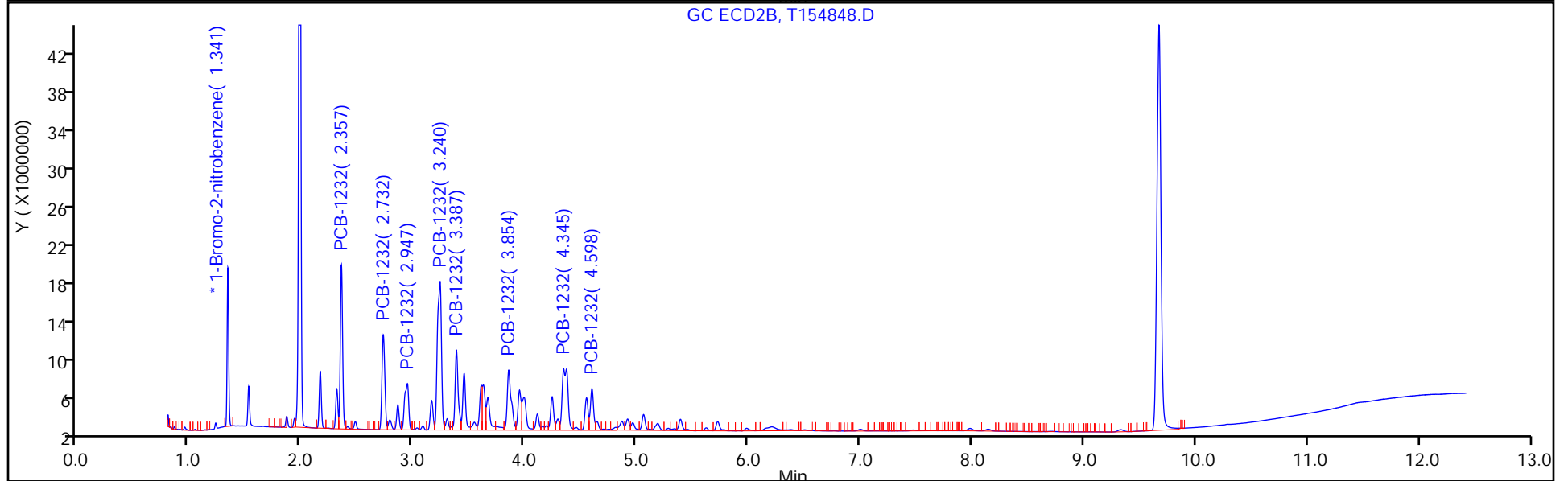
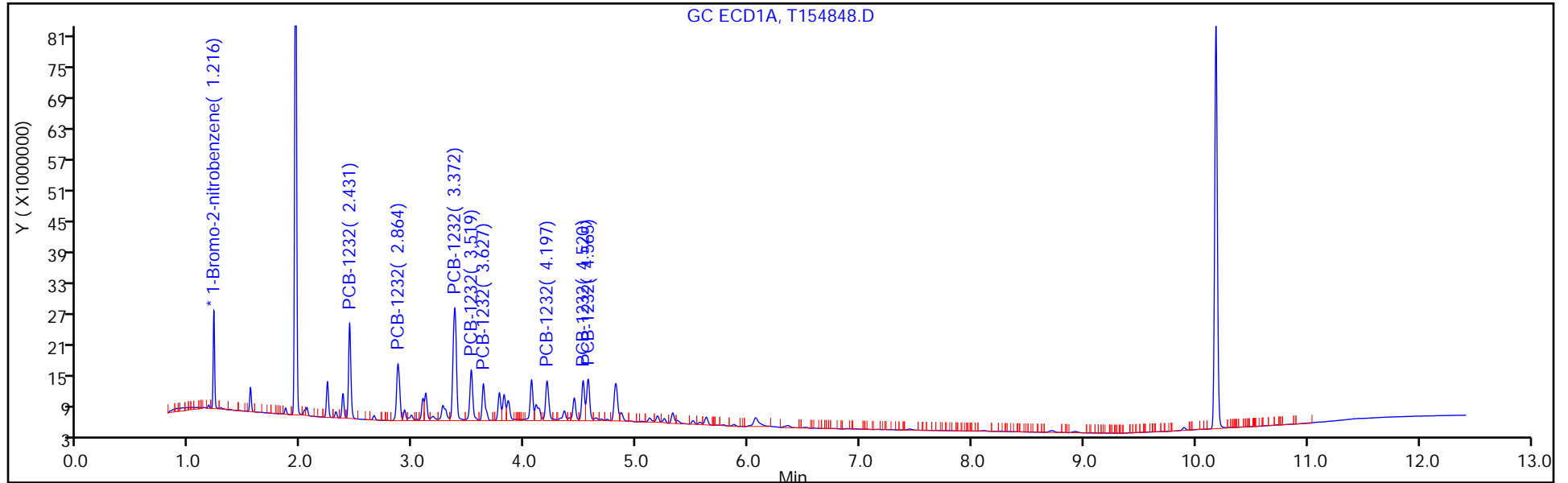
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:45 Calibration End Date: 02/04/2019 20:45 Calibration ID: 73325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/10	T154849.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	0.0150				Ave		0.0150						20.0			0.9900
PCB-1242 Peak 2	0.0313				Ave		0.0313						20.0			0.9900
PCB-1242 Peak 3	0.0712				Ave		0.0712						20.0			0.9900
PCB-1242 Peak 4	0.0279				Ave		0.0279						20.0			0.9900
PCB-1242 Peak 5	0.0214				Ave		0.0214						20.0			0.9900
PCB-1242 Peak 6	0.0268				Ave		0.0268						20.0			0.9900
PCB-1242 Peak 7	0.0243				Ave		0.0243						20.0			0.9900
PCB-1242 Peak 8	0.0270				Ave		0.0270						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:45 Calibration End Date: 02/04/2019 20:45 Calibration ID: 73325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/10	T154849.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1242 Peak 1	BNB	Ave	12984841						1000				
PCB-1242 Peak 2	BNB	Ave	27050416						1000				
PCB-1242 Peak 3	BNB	Ave	61461763						1000				
PCB-1242 Peak 4	BNB	Ave	24067023						1000				
PCB-1242 Peak 5	BNB	Ave	18478528						1000				
PCB-1242 Peak 6	BNB	Ave	23116732						1000				
PCB-1242 Peak 7	BNB	Ave	20994824						1000				
PCB-1242 Peak 8	BNB	Ave	23354388						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154849.D  
 Lims ID: IC 1242  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 20:45:01 ALS Bottle#: 10 Worklist Smp#: 10  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-010  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:32 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:51:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.216	0.000	17273527	20.0	20.0	
2	1.341	1.341	0.000	15536239	20.0	20.0	M

RPD = 0.00

4 PCB-1242							M
1	2.431	2.431	0.000	12984841	1000.0	1000.0	
1	2.864	2.864	0.000	27050416	1000.0	1000.0	
1	3.372	3.372	0.000	61461763	1000.0	1000.0	M
1	3.519	3.519	0.000	24067023	1000.0	1000.0	M
1	3.629	3.629	0.000	18478528	1000.0	1000.0	
1	4.198	4.198	0.000	23116732	1000.0	1000.0	
1	4.520	4.520	0.000	20994824	1000.0	1000.0	
1	4.565	4.565	0.000	23354388	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	2.358	2.358	0.000	11927990	1000.0	1000.0	
2	2.732	2.732	0.000	22559304	1000.0	1000.0	M
2	2.947	2.947	0.000	15205409	1000.0	1000.0	M
2	3.240	3.240	0.000	49832366	1000.0	1000.0	M
2	3.387	3.387	0.000	20390305	1000.0	1000.0	M
2	3.854	3.854	0.000	21743883	1000.0	1000.0	M
2	4.346	4.346	0.000	32859494	1000.0	1000.0	M
2	4.599	4.599	0.000	12635300	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1242L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154849.D

Injection Date: 04-Feb-2019 20:45:01

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

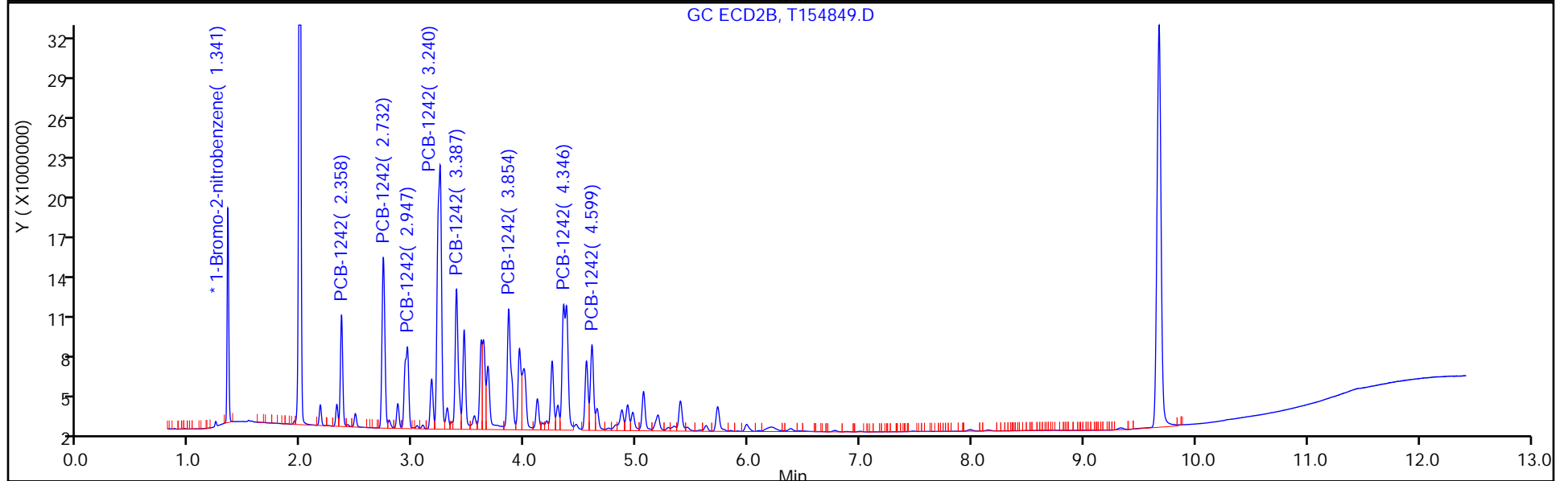
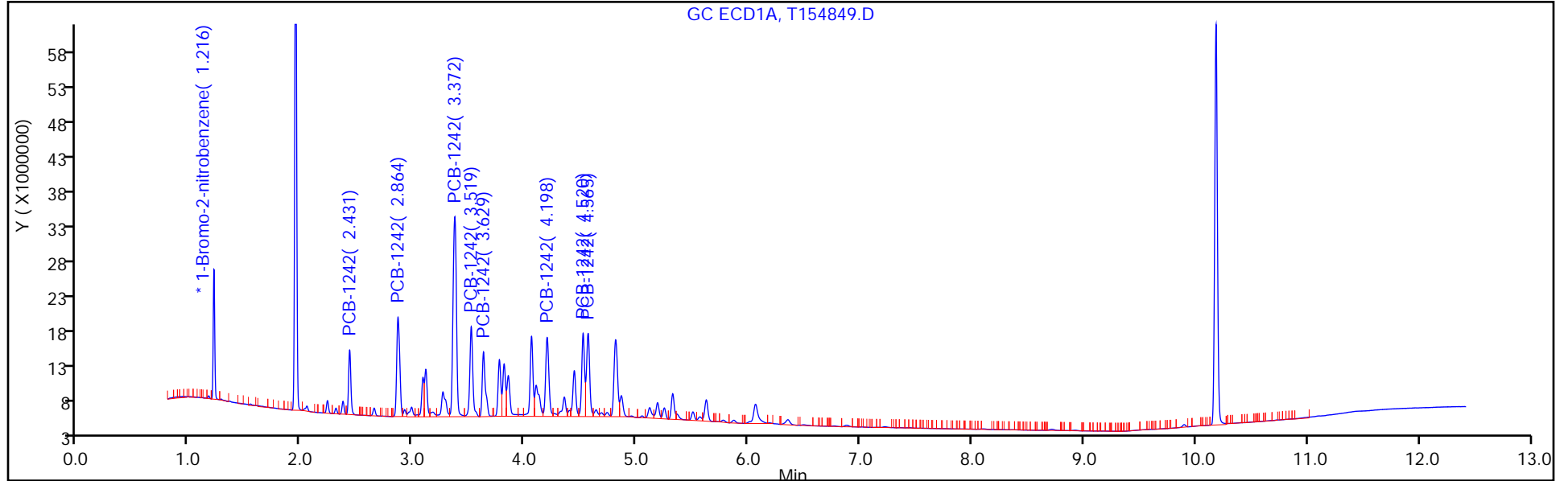
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:45 Calibration End Date: 02/04/2019 20:45 Calibration ID: 73326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/10	T154849.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	0.0154				Ave		0.0154						20.0			0.9900
PCB-1242 Peak 2	0.0290				Ave		0.0290						20.0			0.9900
PCB-1242 Peak 3	0.0196				Ave		0.0196						20.0			0.9900
PCB-1242 Peak 4	0.0641				Ave		0.0641						20.0			0.9900
PCB-1242 Peak 5	0.0262				Ave		0.0262						20.0			0.9900
PCB-1242 Peak 6	0.0280				Ave		0.0280						20.0			0.9900
PCB-1242 Peak 7	0.0423				Ave		0.0423						20.0			0.9900
PCB-1242 Peak 8	0.0163				Ave		0.0163						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 20:45 Calibration End Date: 02/04/2019 20:45 Calibration ID: 73326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/10	T154849.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1242 Peak 1	BNB	Ave	11927990						1000				
PCB-1242 Peak 2	BNB	Ave	22559304						1000				
PCB-1242 Peak 3	BNB	Ave	15205409						1000				
PCB-1242 Peak 4	BNB	Ave	49832366						1000				
PCB-1242 Peak 5	BNB	Ave	20390305						1000				
PCB-1242 Peak 6	BNB	Ave	21743883						1000				
PCB-1242 Peak 7	BNB	Ave	32859494						1000				
PCB-1242 Peak 8	BNB	Ave	12635300						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154849.D  
 Lims ID: IC 1242  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 20:45:01 ALS Bottle#: 10 Worklist Smp#: 10  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-010  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:32 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:51:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.216	0.000	17273527	20.0	20.0	
2	1.341	1.341	0.000	15536239	20.0	20.0	M

RPD = 0.00

4 PCB-1242							M
1	2.431	2.431	0.000	12984841	1000.0	1000.0	
1	2.864	2.864	0.000	27050416	1000.0	1000.0	
1	3.372	3.372	0.000	61461763	1000.0	1000.0	M
1	3.519	3.519	0.000	24067023	1000.0	1000.0	M
1	3.629	3.629	0.000	18478528	1000.0	1000.0	
1	4.198	4.198	0.000	23116732	1000.0	1000.0	
1	4.520	4.520	0.000	20994824	1000.0	1000.0	
1	4.565	4.565	0.000	23354388	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	2.358	2.358	0.000	11927990	1000.0	1000.0	
2	2.732	2.732	0.000	22559304	1000.0	1000.0	M
2	2.947	2.947	0.000	15205409	1000.0	1000.0	M
2	3.240	3.240	0.000	49832366	1000.0	1000.0	M
2	3.387	3.387	0.000	20390305	1000.0	1000.0	M
2	3.854	3.854	0.000	21743883	1000.0	1000.0	M
2	4.346	4.346	0.000	32859494	1000.0	1000.0	M
2	4.599	4.599	0.000	12635300	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1242L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154849.D

Injection Date: 04-Feb-2019 20:45:01

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

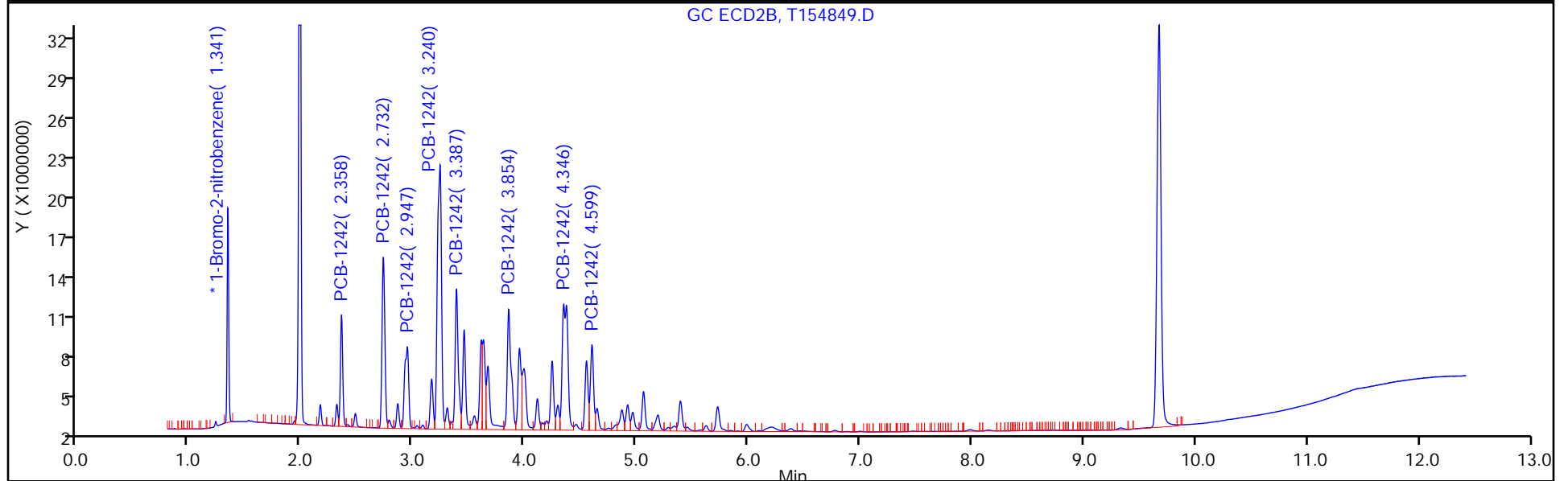
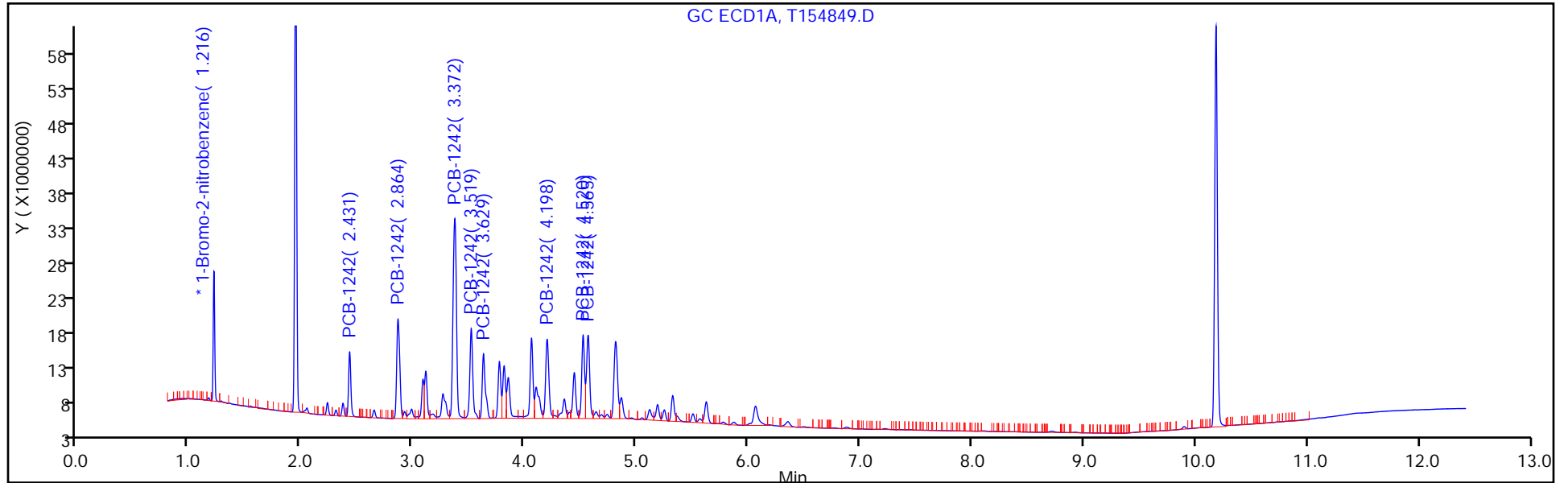
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:02 Calibration End Date: 02/04/2019 21:02 Calibration ID: 73331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/11	T154850.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	0.0187				Ave		0.0187						20.0			0.9900
PCB-1248 Peak 2	0.0551				Ave		0.0551						20.0			0.9900
PCB-1248 Peak 3	0.0337				Ave		0.0337						20.0			0.9900
PCB-1248 Peak 4	0.0265				Ave		0.0265						20.0			0.9900
PCB-1248 Peak 5	0.0466				Ave		0.0466						20.0			0.9900
PCB-1248 Peak 6	0.0507				Ave		0.0507						20.0			0.9900
PCB-1248 Peak 7	0.0548				Ave		0.0548						20.0			0.9900
PCB-1248 Peak 8	0.0288				Ave		0.0288						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:02 Calibration End Date: 02/04/2019 21:02 Calibration ID: 73331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/11	T154850.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1248 Peak 1	BNB	Ave	15921394						1000				
PCB-1248 Peak 2	BNB	Ave	46870311						1000				
PCB-1248 Peak 3	BNB	Ave	28711760						1000				
PCB-1248 Peak 4	BNB	Ave	22597690						1000				
PCB-1248 Peak 5	BNB	Ave	39682612						1000				
PCB-1248 Peak 6	BNB	Ave	43166714						1000				
PCB-1248 Peak 7	BNB	Ave	46658749						1000				
PCB-1248 Peak 8	BNB	Ave	24503342						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154850.D  
 Lims ID: IC 1248  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 21:02:10 ALS Bottle#: 11 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-011  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:37 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:52:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.216	0.000	17027816	20.0	20.0	
2	1.341	1.341	0.000	16160680	20.0	20.0	M

RPD = 0.00

6 PCB-1248							M
1	2.864	2.864	0.000	15921394	1000.0	1000.0	
1	3.373	3.373	0.000	46870311	1000.0	1000.0	M
1	3.773	3.773	0.000	28711760	1000.0	1000.0	M
1	3.815	3.815	0.000	22597690	1000.0	1000.0	M
1	4.200	4.200	0.000	39682612	1000.0	1000.0	M
1	4.523	4.523	0.000	43166714	1000.0	1000.0	M
1	4.566	4.566	0.000	46658749	1000.0	1000.0	M
1	5.325	5.325	0.000	24503342	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	2.731	2.731	0.000	13897816	1000.0	1000.0	
2	3.239	3.239	0.000	37434909	1000.0	1000.0	M
2	3.609	3.609	0.000	38756266	1000.0	1000.0	M
2	3.950	3.950	0.000	22835830	1000.0	1000.0	M
2	4.346	4.346	0.000	64170832	1000.0	1000.0	M
2	4.600	4.600	0.000	27560981	1000.0	1000.0	M
2	5.060	5.060	0.000	18552061	1000.0	1000.0	M
2	5.724	5.724	0.000	12384132	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1248L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154850.D

Injection Date: 04-Feb-2019 21:02:10

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

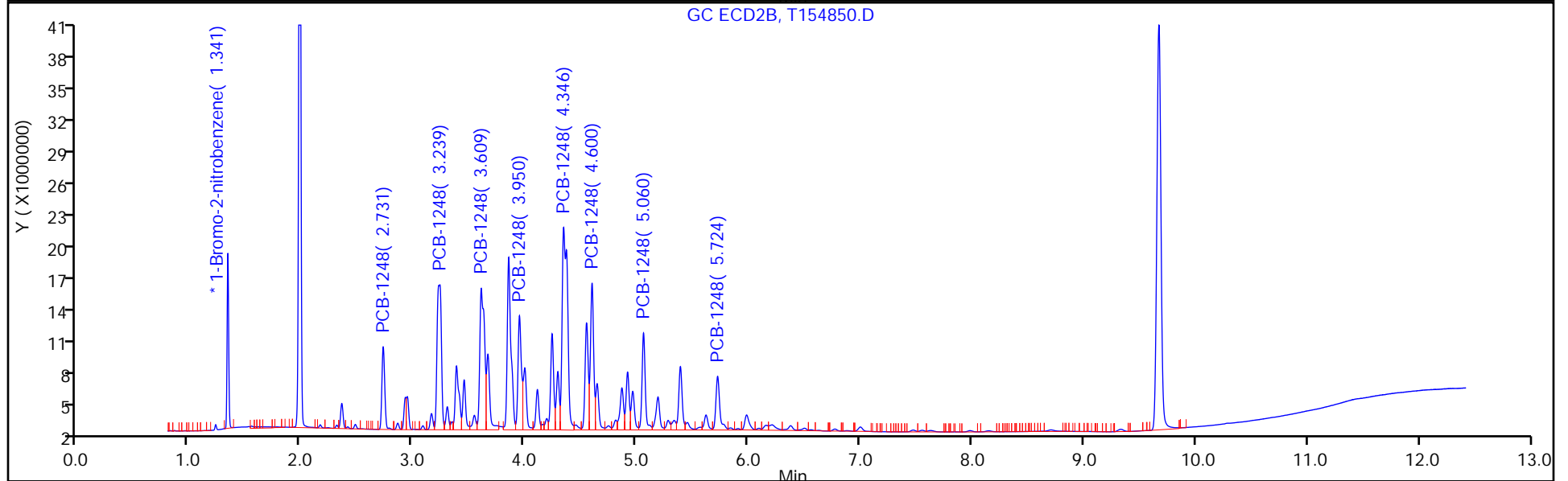
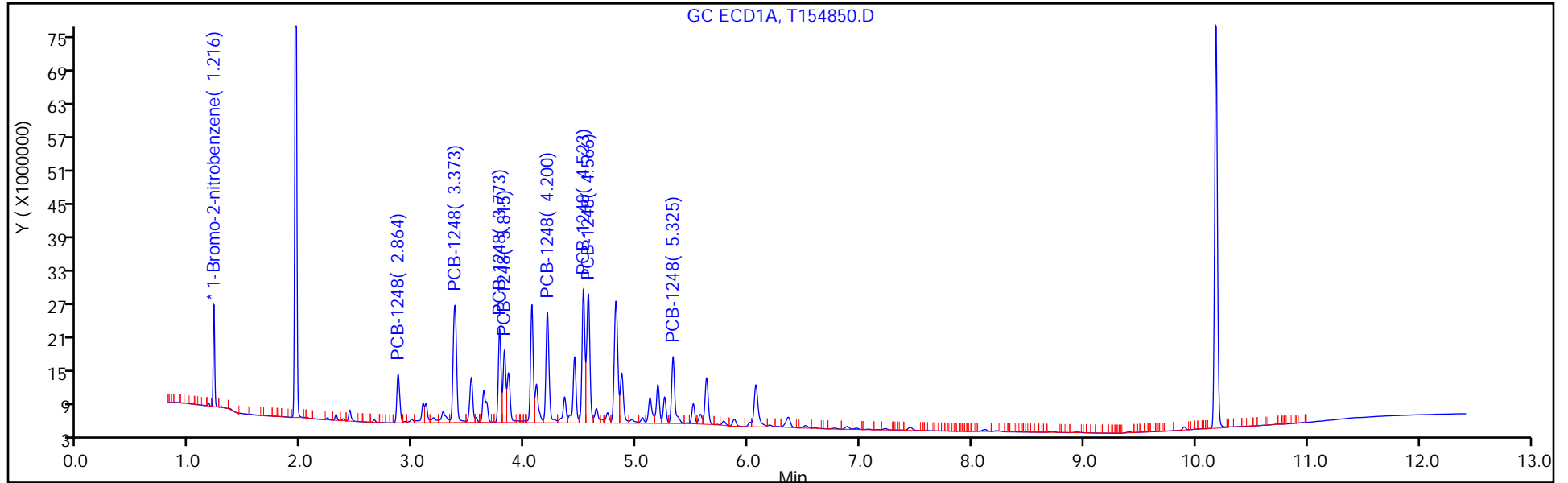
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:02 Calibration End Date: 02/04/2019 21:02 Calibration ID: 73332

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/11	T154850.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	0.0172				Ave		0.0172						20.0			0.9900
PCB-1248 Peak 2	0.0463				Ave		0.0463						20.0			0.9900
PCB-1248 Peak 3	0.0480				Ave		0.0480						20.0			0.9900
PCB-1248 Peak 4	0.0283				Ave		0.0283						20.0			0.9900
PCB-1248 Peak 5	0.0794				Ave		0.0794						20.0			0.9900
PCB-1248 Peak 6	0.0341				Ave		0.0341						20.0			0.9900
PCB-1248 Peak 7	0.0230				Ave		0.0230						20.0			0.9900
PCB-1248 Peak 8	0.0153				Ave		0.0153						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:02 Calibration End Date: 02/04/2019 21:02 Calibration ID: 73332

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/11	T154850.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1248 Peak 1	BNB	Ave	13897816						1000				
PCB-1248 Peak 2	BNB	Ave	37434909						1000				
PCB-1248 Peak 3	BNB	Ave	38756266						1000				
PCB-1248 Peak 4	BNB	Ave	22835830						1000				
PCB-1248 Peak 5	BNB	Ave	64170832						1000				
PCB-1248 Peak 6	BNB	Ave	27560981						1000				
PCB-1248 Peak 7	BNB	Ave	18552061						1000				
PCB-1248 Peak 8	BNB	Ave	12384132						1000				

Curve Type Legend:

Ave = Average ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154850.D  
 Lims ID: IC 1248  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 21:02:10 ALS Bottle#: 11 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-011  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:37 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:52:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.216	1.216	0.000	17027816	20.0	20.0	
2	1.341	1.341	0.000	16160680	20.0	20.0	M

RPD = 0.00

6 PCB-1248							M
1	2.864	2.864	0.000	15921394	1000.0	1000.0	
1	3.373	3.373	0.000	46870311	1000.0	1000.0	M
1	3.773	3.773	0.000	28711760	1000.0	1000.0	M
1	3.815	3.815	0.000	22597690	1000.0	1000.0	M
1	4.200	4.200	0.000	39682612	1000.0	1000.0	M
1	4.523	4.523	0.000	43166714	1000.0	1000.0	M
1	4.566	4.566	0.000	46658749	1000.0	1000.0	M
1	5.325	5.325	0.000	24503342	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	2.731	2.731	0.000	13897816	1000.0	1000.0	
2	3.239	3.239	0.000	37434909	1000.0	1000.0	M
2	3.609	3.609	0.000	38756266	1000.0	1000.0	M
2	3.950	3.950	0.000	22835830	1000.0	1000.0	M
2	4.346	4.346	0.000	64170832	1000.0	1000.0	M
2	4.600	4.600	0.000	27560981	1000.0	1000.0	M
2	5.060	5.060	0.000	18552061	1000.0	1000.0	M
2	5.724	5.724	0.000	12384132	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1248L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154850.D

Injection Date: 04-Feb-2019 21:02:10

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

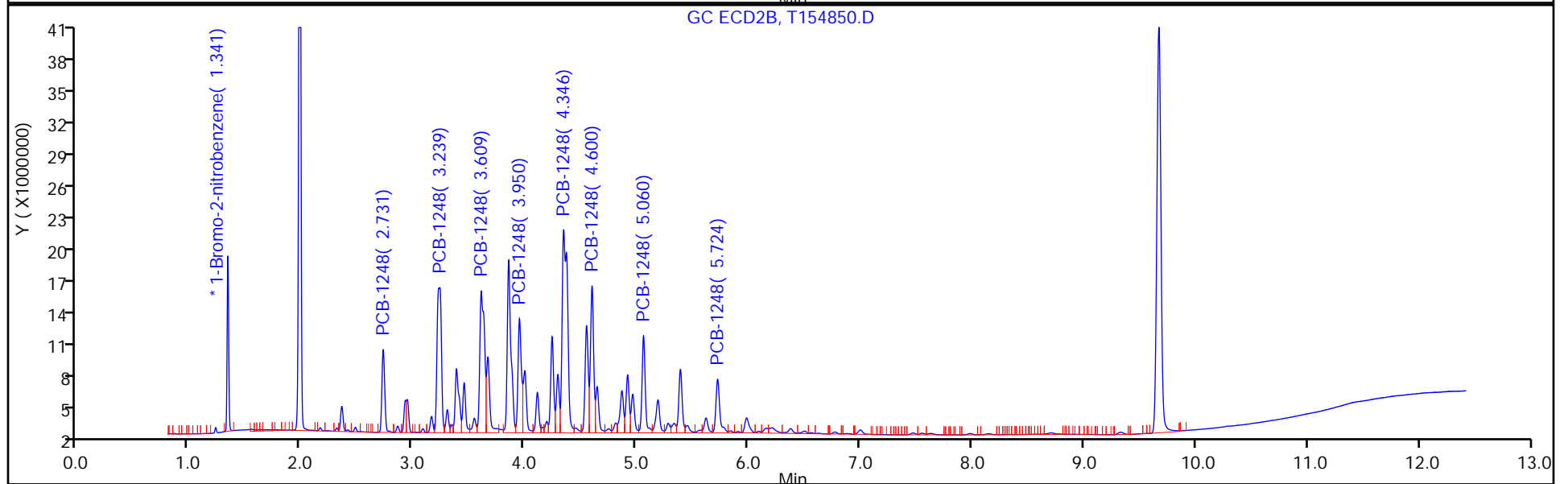
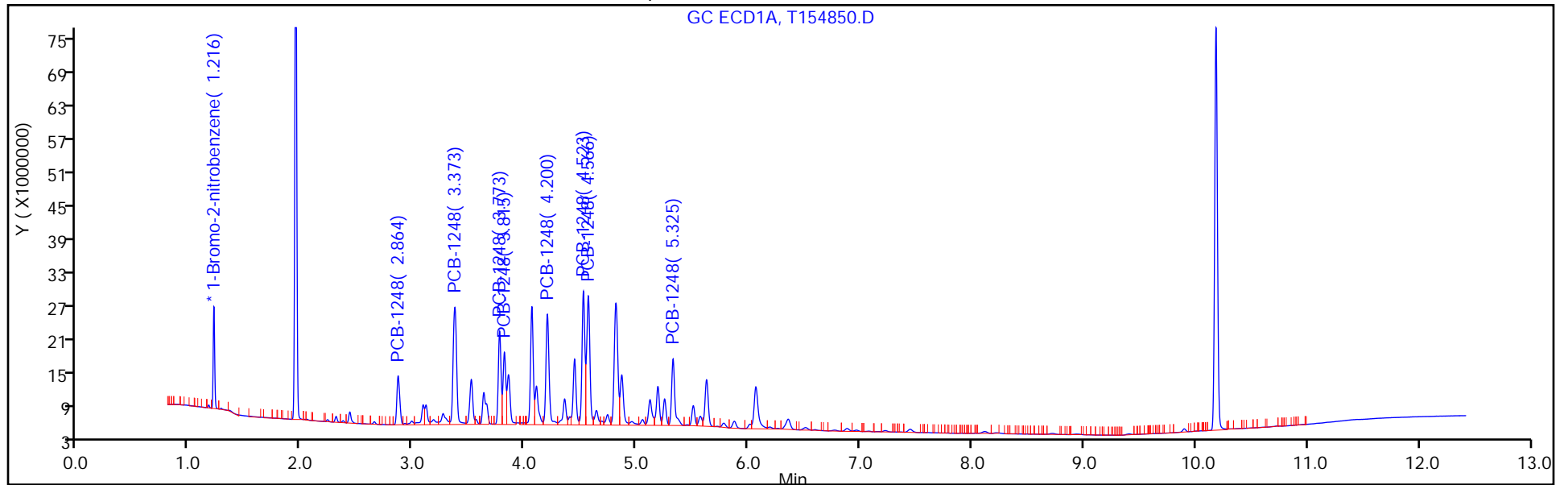
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:19 Calibration End Date: 02/04/2019 21:19 Calibration ID: 73337

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/12	T154851.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0141					Ave		0.0141					20.0				0.9900
PCB-1254 Peak 2	0.0436					Ave		0.0436					20.0				0.9900
PCB-1254 Peak 3	0.0506					Ave		0.0506					20.0				0.9900
PCB-1254 Peak 4	0.0355					Ave		0.0355					20.0				0.9900
PCB-1254 Peak 5	0.0679					Ave		0.0679					20.0				0.9900
PCB-1254 Peak 6	0.0568					Ave		0.0568					20.0				0.9900
PCB-1254 Peak 7	0.0462					Ave		0.0462					20.0				0.9900
PCB-1254 Peak 8	0.0749					Ave		0.0749					20.0				0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:19 Calibration End Date: 02/04/2019 21:19 Calibration ID: 73337

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/12	T154851.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1254 Peak 1	BNB	Ave	12369346						1000				
PCB-1254 Peak 2	BNB	Ave	38275632						1000				
PCB-1254 Peak 3	BNB	Ave	44457144						1000				
PCB-1254 Peak 4	BNB	Ave	31218747						1000				
PCB-1254 Peak 5	BNB	Ave	59626506						1000				
PCB-1254 Peak 6	BNB	Ave	49892076						1000				
PCB-1254 Peak 7	BNB	Ave	40543419						1000				
PCB-1254 Peak 8	BNB	Ave	65764863						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154851.D  
 Lims ID: IC 1254  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 21:19:23 ALS Bottle#: 12 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-012  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub7  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:41 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:53:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.218	1.218	0.000	17568407	20.0	20.0	
2	1.341	1.341	0.000	15511068	20.0	20.0	M

RPD = 0.00

7 PCB-1254							M
1	4.062	4.062	0.000	12369346	1000.0	1000.0	M
1	4.554	4.554	0.000	38275632	1000.0	1000.0	M
1	4.805	4.805	0.000	44457144	1000.0	1000.0	M
1	5.189	5.189	0.000	31218747	1000.0	1000.0	M
1	5.324	5.324	0.000	59626506	1000.0	1000.0	M
1	5.624	5.624	0.000	49892076	1000.0	1000.0	M
1	6.068	6.068	0.000	40543419	1000.0	1000.0	
1	6.355	6.355	0.000	65764863	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	3.854	3.854	0.000	9363347	1000.0	1000.0	
2	4.294	4.294	0.000	24885165	1000.0	1000.0	
2	4.604	4.604	0.000	34501106	1000.0	1000.0	
2	4.916	4.916	0.000	26973453	1000.0	1000.0	
2	5.059	5.059	0.000	47390042	1000.0	1000.0	
2	5.389	5.389	0.000	37601440	1000.0	1000.0	
2	5.619	5.619	0.000	34004360	1000.0	1000.0	
2	5.981	5.981	0.000	50620457	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1254L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154851.D

Injection Date: 04-Feb-2019 21:19:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

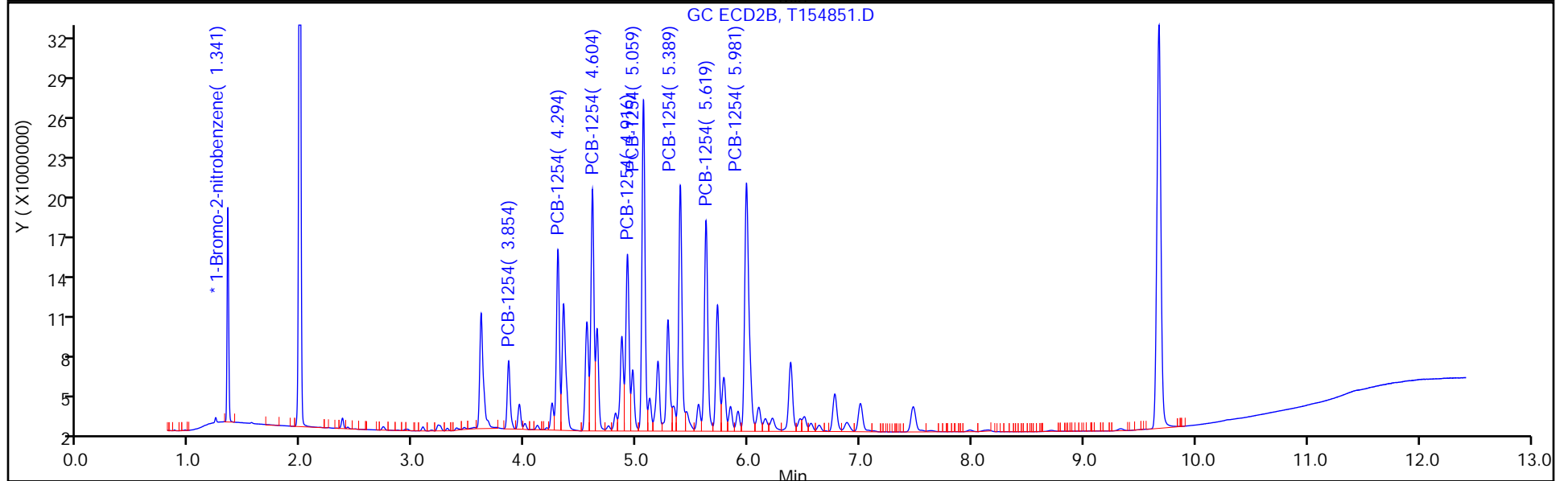
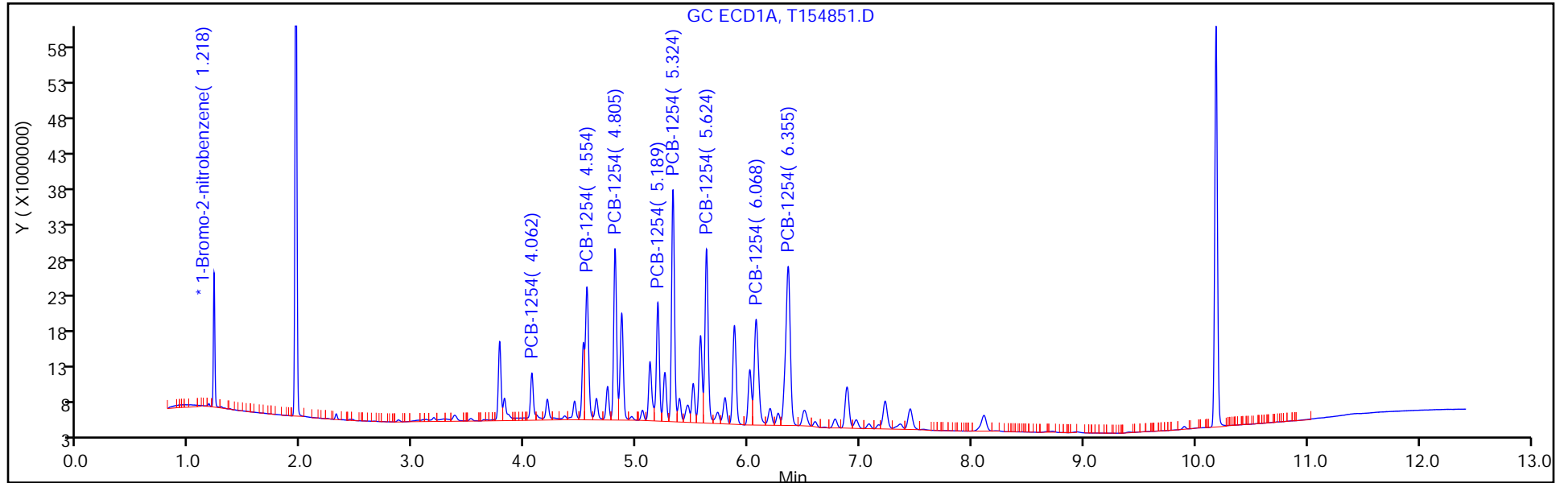
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:19 Calibration End Date: 02/04/2019 21:19 Calibration ID: 73338

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/12	T154851.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	0.0121				Ave		0.0121						20.0			0.9900
PCB-1254 Peak 2	0.0321				Ave		0.0321						20.0			0.9900
PCB-1254 Peak 3	0.0445				Ave		0.0445						20.0			0.9900
PCB-1254 Peak 4	0.0348				Ave		0.0348						20.0			0.9900
PCB-1254 Peak 5	0.0611				Ave		0.0611						20.0			0.9900
PCB-1254 Peak 6	0.0485				Ave		0.0485						20.0			0.9900
PCB-1254 Peak 7	0.0438				Ave		0.0438						20.0			0.9900
PCB-1254 Peak 8	0.0653				Ave		0.0653						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:19 Calibration End Date: 02/04/2019 21:19 Calibration ID: 73338

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/12	T154851.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	9363347					1000				
PCB-1254 Peak 2	BNB	Ave	24885165					1000				
PCB-1254 Peak 3	BNB	Ave	34501106					1000				
PCB-1254 Peak 4	BNB	Ave	26973453					1000				
PCB-1254 Peak 5	BNB	Ave	47390042					1000				
PCB-1254 Peak 6	BNB	Ave	37601440					1000				
PCB-1254 Peak 7	BNB	Ave	34004360					1000				
PCB-1254 Peak 8	BNB	Ave	50620457					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154851.D  
 Lims ID: IC 1254  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 21:19:23 ALS Bottle#: 12 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-012  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub7  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:41 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:53:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.218	1.218	0.000	17568407	20.0	20.0	
2	1.341	1.341	0.000	15511068	20.0	20.0	M

RPD = 0.00

7 PCB-1254							M
1	4.062	4.062	0.000	12369346	1000.0	1000.0	M
1	4.554	4.554	0.000	38275632	1000.0	1000.0	M
1	4.805	4.805	0.000	44457144	1000.0	1000.0	M
1	5.189	5.189	0.000	31218747	1000.0	1000.0	M
1	5.324	5.324	0.000	59626506	1000.0	1000.0	M
1	5.624	5.624	0.000	49892076	1000.0	1000.0	M
1	6.068	6.068	0.000	40543419	1000.0	1000.0	
1	6.355	6.355	0.000	65764863	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	3.854	3.854	0.000	9363347	1000.0	1000.0	
2	4.294	4.294	0.000	24885165	1000.0	1000.0	
2	4.604	4.604	0.000	34501106	1000.0	1000.0	
2	4.916	4.916	0.000	26973453	1000.0	1000.0	
2	5.059	5.059	0.000	47390042	1000.0	1000.0	
2	5.389	5.389	0.000	37601440	1000.0	1000.0	
2	5.619	5.619	0.000	34004360	1000.0	1000.0	
2	5.981	5.981	0.000	50620457	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1254L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154851.D

Injection Date: 04-Feb-2019 21:19:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

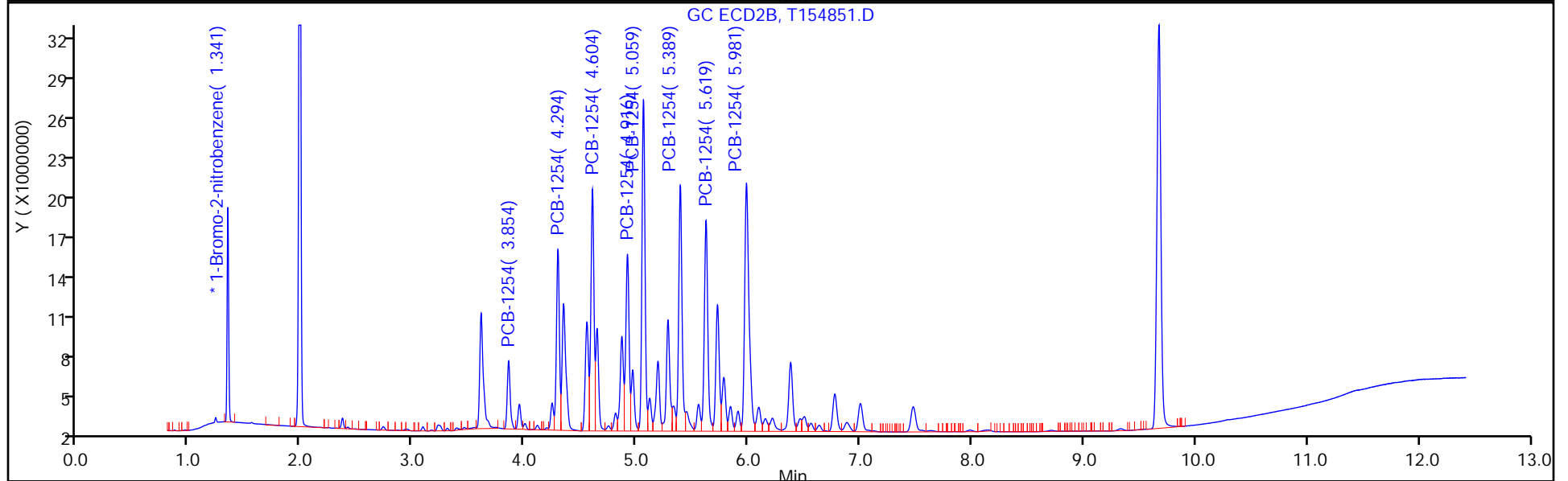
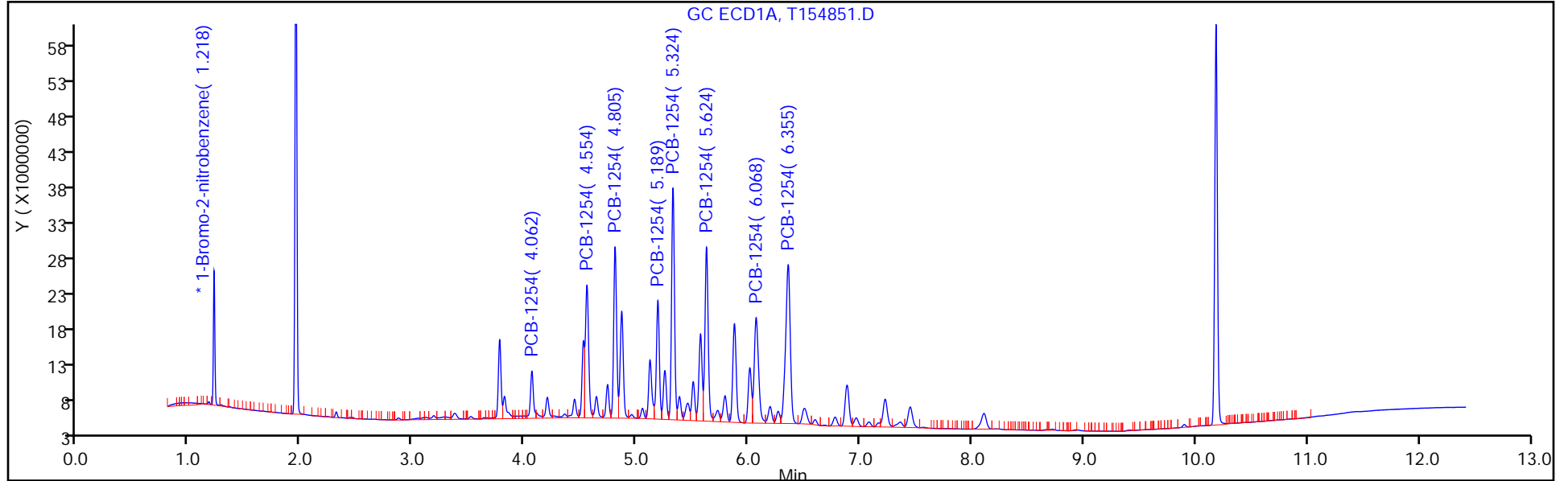
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:36 Calibration End Date: 02/04/2019 21:36 Calibration ID: 73343

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/13	T154852.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	0.0611				Ave		0.0611						20.0			0.9900
PCB-1262 Peak 2	0.0864				Ave		0.0864						20.0			0.9900
PCB-1262 Peak 3	0.1362				Ave		0.1362						20.0			0.9900
PCB-1262 Peak 4	0.1083				Ave		0.1083						20.0			0.9900
PCB-1262 Peak 5	0.2510				Ave		0.2510						20.0			0.9900
PCB-1262 Peak 6	0.0407				Ave		0.0407						20.0			0.9900
PCB-1262 Peak 7	0.0978				Ave		0.0978						20.0			0.9900
PCB-1262 Peak 8	0.0302				Ave		0.0302						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:36 Calibration End Date: 02/04/2019 21:36 Calibration ID: 73343

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/13	T154852.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1262 Peak 1	BNB	Ave	54665264						1000				
PCB-1262 Peak 2	BNB	Ave	77361644						1000				
PCB-1262 Peak 3	BNB	Ave	121951379						1000				
PCB-1262 Peak 4	BNB	Ave	96950546						1000				
PCB-1262 Peak 5	BNB	Ave	224665706						1000				
PCB-1262 Peak 6	BNB	Ave	36437073						1000				
PCB-1262 Peak 7	BNB	Ave	87541673						1000				
PCB-1262 Peak 8	BNB	Ave	27033173						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154852.D  
 Lims ID: IC 1262  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 21:36:29 ALS Bottle#: 13 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-013  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub8  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:45 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:53:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.218	1.218	0.000	17901475	20.0	20.0	M
2	1.341	1.341	0.000	17051394	20.0	20.0	M

RPD = 0.00

9 PCB-1262

1	5.570	5.570	0.000	54665264	1000.0	1000.0
1	5.873	5.873	0.000	77361644	1000.0	1000.0
1	6.513	6.513	0.000	121951379	1000.0	1000.0
1	6.964	6.964	0.000	96950546	1000.0	1000.0
1	7.445	7.445	0.000	224665706	1000.0	1000.0
1	8.951	8.951	0.000	36437073	1000.0	1000.0
1	9.399	9.399	0.000	87541673	1000.0	1000.0
1	9.898	9.898	0.000	27033173	1000.0	1000.0

Average of Peak Amounts = 1000.0

2	5.279	5.279	0.000	41718833	1000.0	1000.0
2	6.498	6.498	0.000	70804998	1000.0	1000.0
2	6.998	6.998	0.000	155076930	1000.0	1000.0
2	7.472	7.472	0.000	52315944	1000.0	1000.0
2	7.626	7.626	0.000	70057350	1000.0	1000.0
2	8.150	8.150	0.000	25744021	1000.0	1000.0
2	8.703	8.703	0.000	56862240	1000.0	1000.0
2	9.328	9.328	0.000	20555361	1000.0	1000.0

Average of Peak Amounts = 1000.0

RPD = 0.00



### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1262L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154852.D

Injection Date: 04-Feb-2019 21:36:29

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

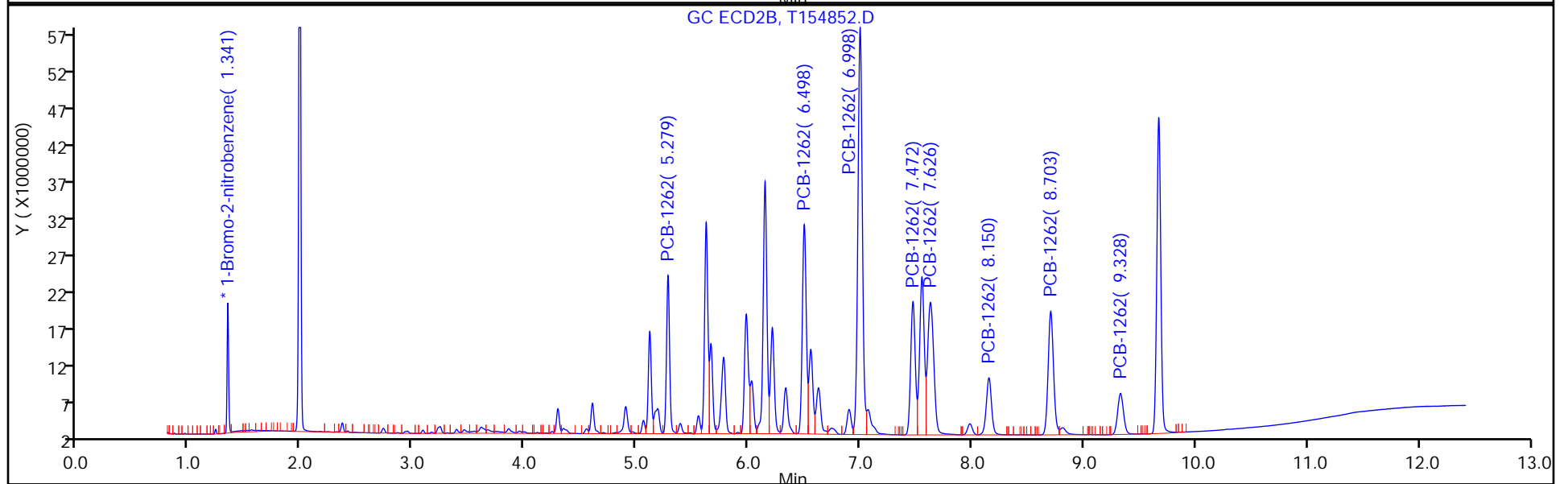
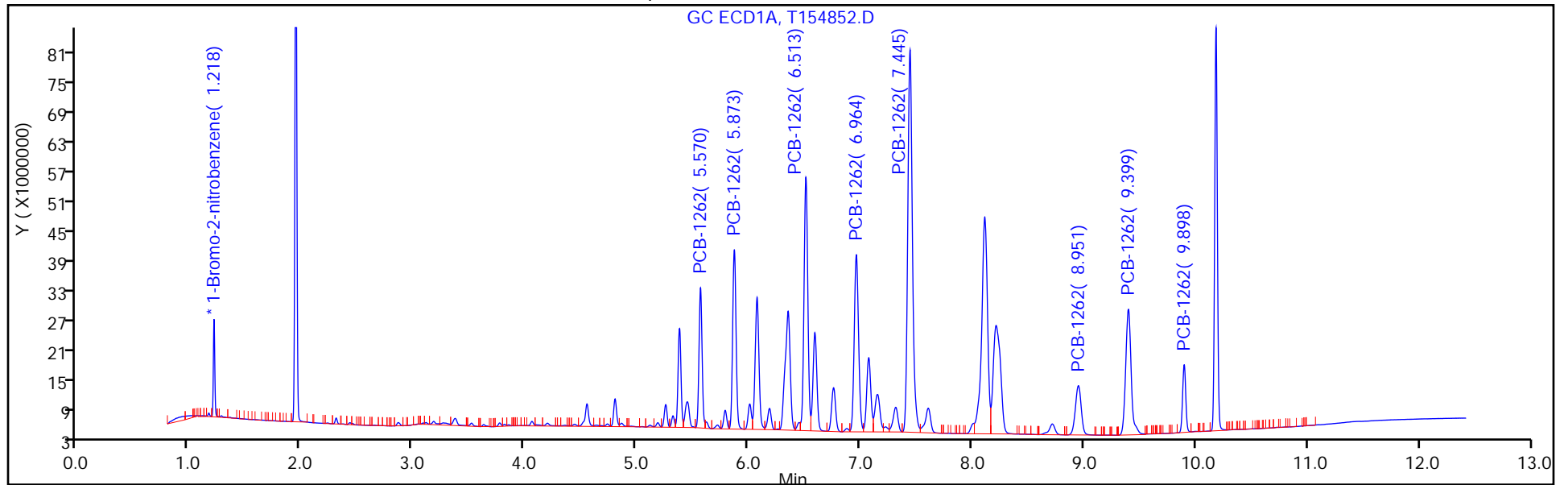
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:36 Calibration End Date: 02/04/2019 21:36 Calibration ID: 73344

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/13	T154852.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	0.0489				Ave		0.0489						20.0			0.9900
PCB-1262 Peak 2	0.0830				Ave		0.0830						20.0			0.9900
PCB-1262 Peak 3	0.1819				Ave		0.1819						20.0			0.9900
PCB-1262 Peak 4	0.0614				Ave		0.0614						20.0			0.9900
PCB-1262 Peak 5	0.0822				Ave		0.0822						20.0			0.9900
PCB-1262 Peak 6	0.0302				Ave		0.0302						20.0			0.9900
PCB-1262 Peak 7	0.0667				Ave		0.0667						20.0			0.9900
PCB-1262 Peak 8	0.0241				Ave		0.0241						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:36 Calibration End Date: 02/04/2019 21:36 Calibration ID: 73344

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/13	T154852.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1262 Peak 1	BNB	Ave	41718833						1000				
PCB-1262 Peak 2	BNB	Ave	70804998						1000				
PCB-1262 Peak 3	BNB	Ave	155076930						1000				
PCB-1262 Peak 4	BNB	Ave	52315944						1000				
PCB-1262 Peak 5	BNB	Ave	70057350						1000				
PCB-1262 Peak 6	BNB	Ave	25744021						1000				
PCB-1262 Peak 7	BNB	Ave	56862240						1000				
PCB-1262 Peak 8	BNB	Ave	20555361						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154852.D  
 Lims ID: IC 1262  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 21:36:29 ALS Bottle#: 13 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-013  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub8  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:45 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:53:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.218	1.218	0.000	17901475	20.0	20.0	M
2	1.341	1.341	0.000	17051394	20.0	20.0	M

RPD = 0.00

9 PCB-1262

1	5.570	5.570	0.000	54665264	1000.0	1000.0
1	5.873	5.873	0.000	77361644	1000.0	1000.0
1	6.513	6.513	0.000	121951379	1000.0	1000.0
1	6.964	6.964	0.000	96950546	1000.0	1000.0
1	7.445	7.445	0.000	224665706	1000.0	1000.0
1	8.951	8.951	0.000	36437073	1000.0	1000.0
1	9.399	9.399	0.000	87541673	1000.0	1000.0
1	9.898	9.898	0.000	27033173	1000.0	1000.0

Average of Peak Amounts = 1000.0

2	5.279	5.279	0.000	41718833	1000.0	1000.0
2	6.498	6.498	0.000	70804998	1000.0	1000.0
2	6.998	6.998	0.000	155076930	1000.0	1000.0
2	7.472	7.472	0.000	52315944	1000.0	1000.0
2	7.626	7.626	0.000	70057350	1000.0	1000.0
2	8.150	8.150	0.000	25744021	1000.0	1000.0
2	8.703	8.703	0.000	56862240	1000.0	1000.0
2	9.328	9.328	0.000	20555361	1000.0	1000.0

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1262L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154852.D

Injection Date: 04-Feb-2019 21:36:29

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

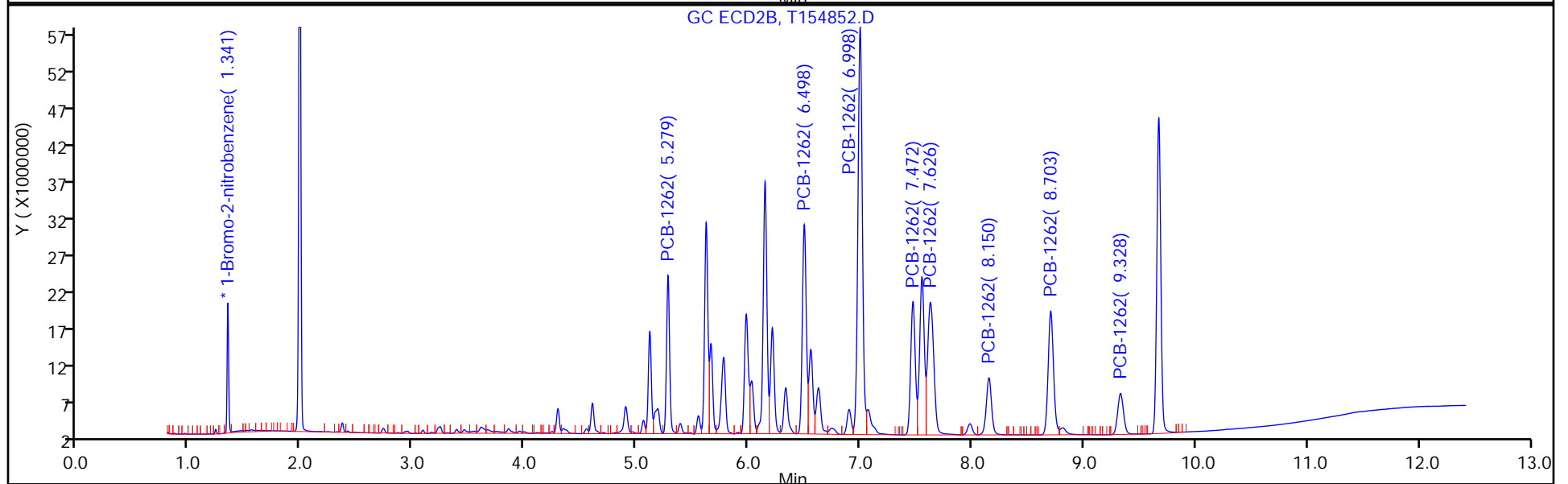
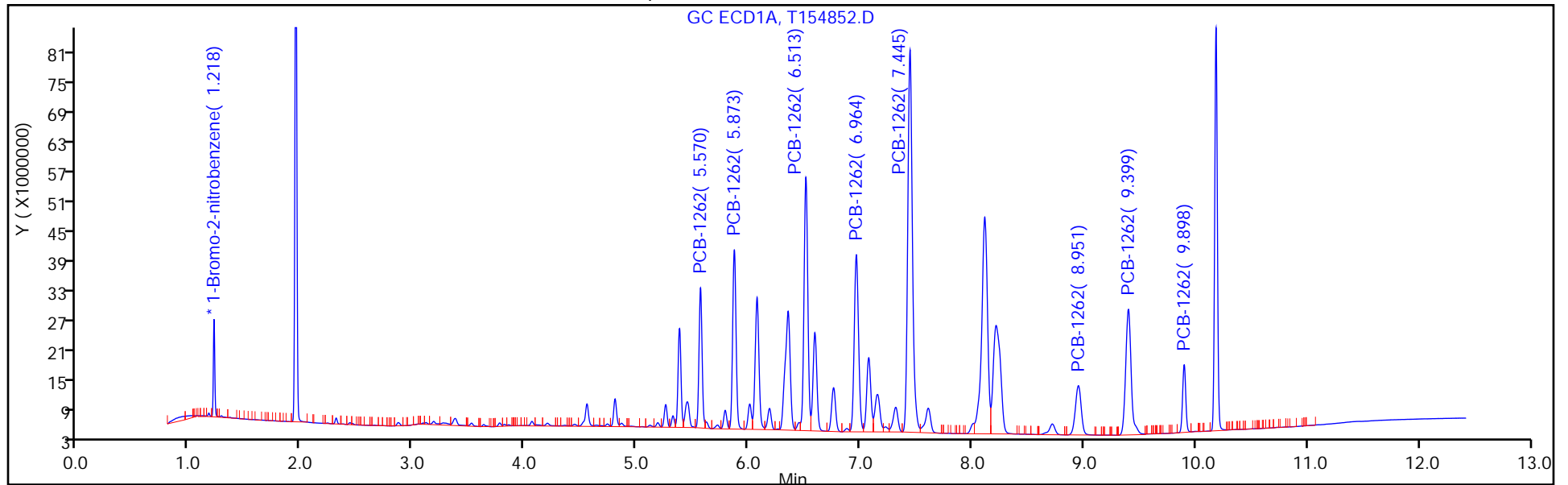
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:53 Calibration End Date: 02/04/2019 21:53 Calibration ID: 73349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/14	T154853.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	0.0339				Ave		0.0339						20.0			0.9900
PCB-1268 Peak 2	0.0453				Ave		0.0453						20.0			0.9900
PCB-1268 Peak 3	0.2012				Ave		0.2012						20.0			0.9900
PCB-1268 Peak 4	0.1837				Ave		0.1837						20.0			0.9900
PCB-1268 Peak 5	0.1617				Ave		0.1617						20.0			0.9900
PCB-1268 Peak 6	0.0440				Ave		0.0440						20.0			0.9900
PCB-1268 Peak 7	0.0697				Ave		0.0697						20.0			0.9900
PCB-1268 Peak 8	0.4474				Ave		0.4474						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:53 Calibration End Date: 02/04/2019 21:53 Calibration ID: 73349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/14	T154853.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1268 Peak 1	BNB	Ave	28861093						1000				
PCB-1268 Peak 2	BNB	Ave	38519224						1000				
PCB-1268 Peak 3	BNB	Ave	171275141						1000				
PCB-1268 Peak 4	BNB	Ave	156369887						1000				
PCB-1268 Peak 5	BNB	Ave	137658525						1000				
PCB-1268 Peak 6	BNB	Ave	37406231						1000				
PCB-1268 Peak 7	BNB	Ave	59317829						1000				
PCB-1268 Peak 8	BNB	Ave	380763112						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Lims ID: IC 1268  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 21:53:44 ALS Bottle#: 14 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-014  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub9  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:48 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:54:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M  
 1 1.219 1.219 0.000 17022099 20.0 20.0  
 2 1.341 1.341 0.000 15212009 20.0 20.0 M  
 RPD = 0.00

10 PCB-1268

1	6.513	6.513	0.000	28861093	1000.0	1000.0	
1	6.979	6.979	0.000	38519224	1000.0	1000.0	
1	8.118	8.118	0.000	171275141	1000.0	1000.0	
1	8.206	8.206	0.000	156369887	1000.0	1000.0	
1	8.716	8.716	0.000	137658525	1000.0	1000.0	
1	8.922	8.922	0.000	37406231	1000.0	1000.0	
1	9.396	9.396	0.000	59317829	1000.0	1000.0	
1	9.895	9.895	0.000	380763112	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	6.150	6.150	0.000	19899017	1000.0	1000.0	
2	6.495	6.495	0.000	25932464	1000.0	1000.0	
2	7.554	7.554	0.000	114898995	1000.0	1000.0	
2	7.621	7.621	0.000	111580191	1000.0	1000.0	
2	7.980	7.980	0.000	93792180	1000.0	1000.0	
2	8.145	8.145	0.000	26222134	1000.0	1000.0	
2	8.705	8.705	0.000	41825284	1000.0	1000.0	
2	9.328	9.328	0.000	299524661	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
RPD = 0.00							

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1268L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D

Injection Date: 04-Feb-2019 21:53:44

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

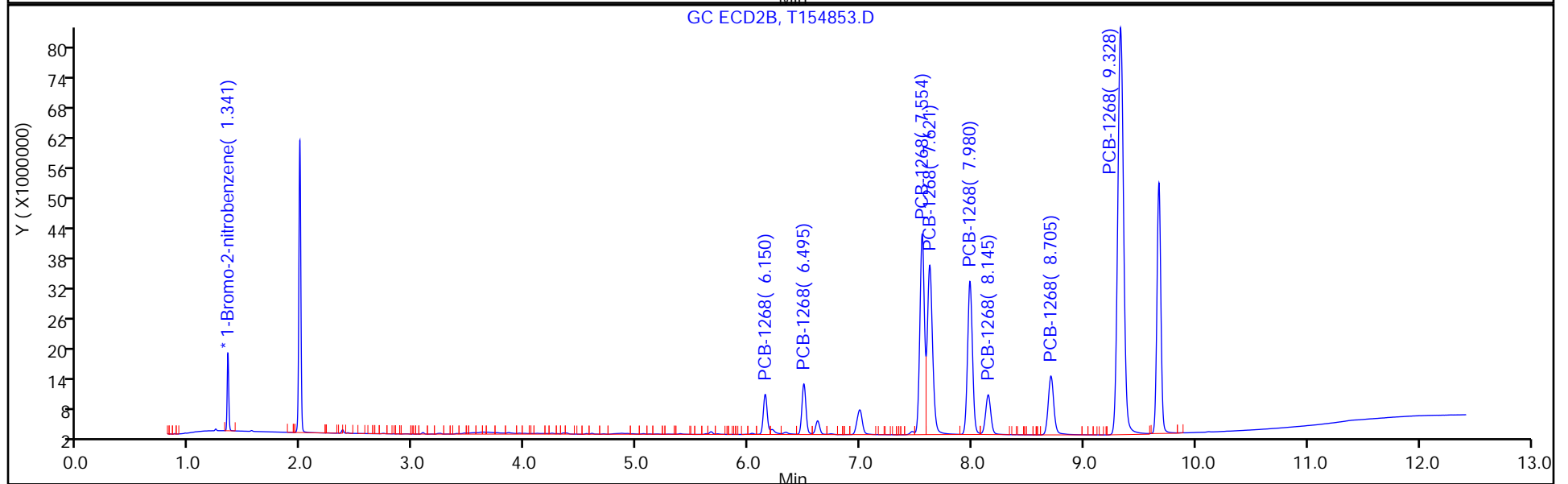
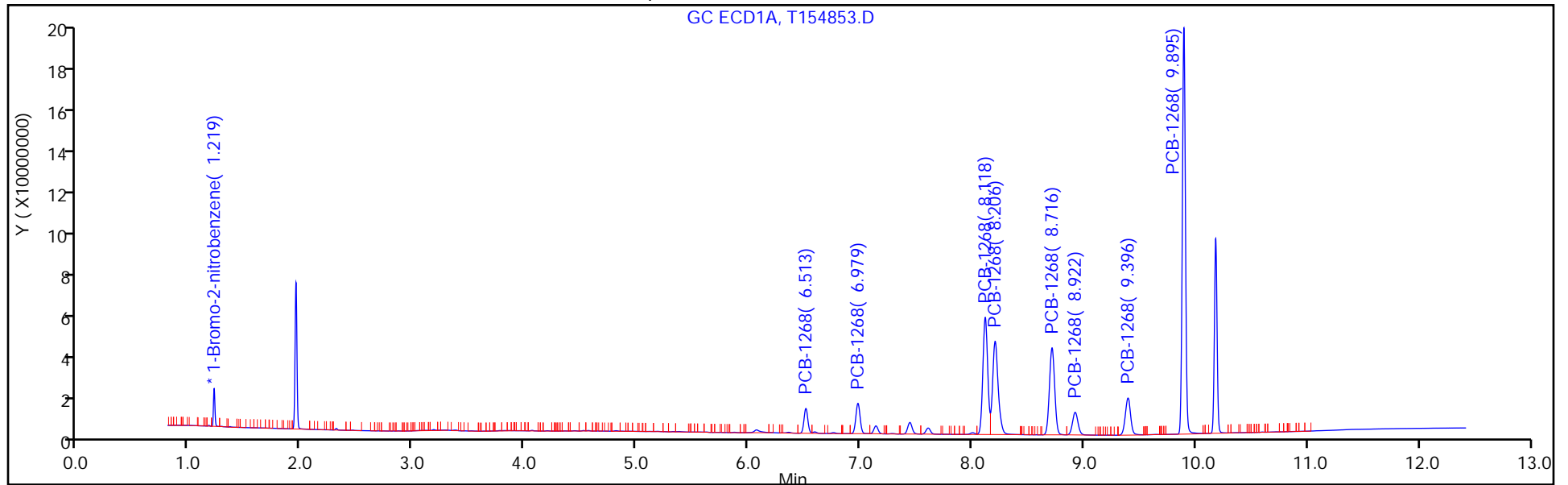
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:53 Calibration End Date: 02/04/2019 21:53 Calibration ID: 73350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/14	T154853.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	0.0262				Ave		0.0262						20.0			0.9900
PCB-1268 Peak 2	0.0341				Ave		0.0341						20.0			0.9900
PCB-1268 Peak 3	0.1511				Ave		0.1511						20.0			0.9900
PCB-1268 Peak 4	0.1467				Ave		0.1467						20.0			0.9900
PCB-1268 Peak 5	0.1233				Ave		0.1233						20.0			0.9900
PCB-1268 Peak 6	0.0345				Ave		0.0345						20.0			0.9900
PCB-1268 Peak 7	0.0550				Ave		0.0550						20.0			0.9900
PCB-1268 Peak 8	0.3938				Ave		0.3938						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 587126

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2019 21:53 Calibration End Date: 02/04/2019 21:53 Calibration ID: 73350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-587126/14	T154853.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	19899017					1000				
PCB-1268 Peak 2	BNB	Ave	25932464					1000				
PCB-1268 Peak 3	BNB	Ave	114898995					1000				
PCB-1268 Peak 4	BNB	Ave	111580191					1000				
PCB-1268 Peak 5	BNB	Ave	93792180					1000				
PCB-1268 Peak 6	BNB	Ave	26222134					1000				
PCB-1268 Peak 7	BNB	Ave	41825284					1000				
PCB-1268 Peak 8	BNB	Ave	299524661					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Lims ID: IC 1268  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 04-Feb-2019 21:53:44 ALS Bottle#: 14 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086038-014  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub9  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 05-Feb-2019 10:05:48 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 05-Feb-2019 09:54:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.219	1.219	0.000	17022099	20.0	20.0	
2	1.341	1.341	0.000	15212009	20.0	20.0	M
						RPD = 0.00	

10 PCB-1268

1	6.513	6.513	0.000	28861093	1000.0	1000.0	
1	6.979	6.979	0.000	38519224	1000.0	1000.0	
1	8.118	8.118	0.000	171275141	1000.0	1000.0	
1	8.206	8.206	0.000	156369887	1000.0	1000.0	
1	8.716	8.716	0.000	137658525	1000.0	1000.0	
1	8.922	8.922	0.000	37406231	1000.0	1000.0	
1	9.396	9.396	0.000	59317829	1000.0	1000.0	
1	9.895	9.895	0.000	380763112	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	6.150	6.150	0.000	19899017	1000.0	1000.0	
2	6.495	6.495	0.000	25932464	1000.0	1000.0	
2	7.554	7.554	0.000	114898995	1000.0	1000.0	
2	7.621	7.621	0.000	111580191	1000.0	1000.0	
2	7.980	7.980	0.000	93792180	1000.0	1000.0	
2	8.145	8.145	0.000	26222134	1000.0	1000.0	
2	8.705	8.705	0.000	41825284	1000.0	1000.0	
2	9.328	9.328	0.000	299524661	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
						RPD = 0.00	

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1268L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D

Injection Date: 04-Feb-2019 21:53:44

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

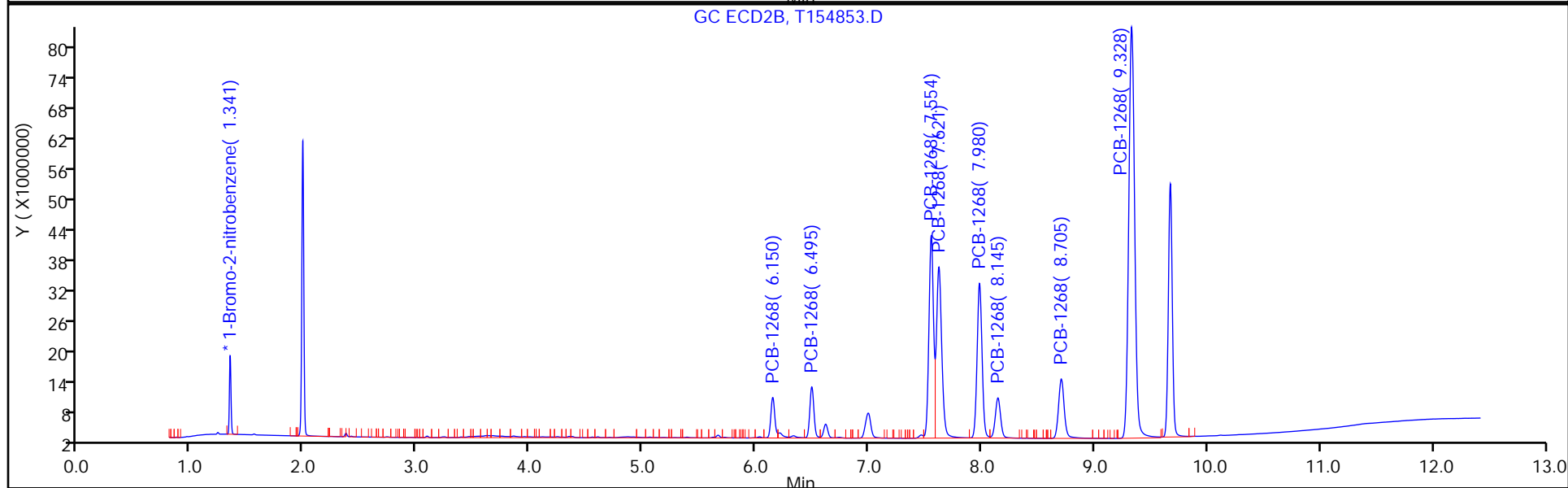
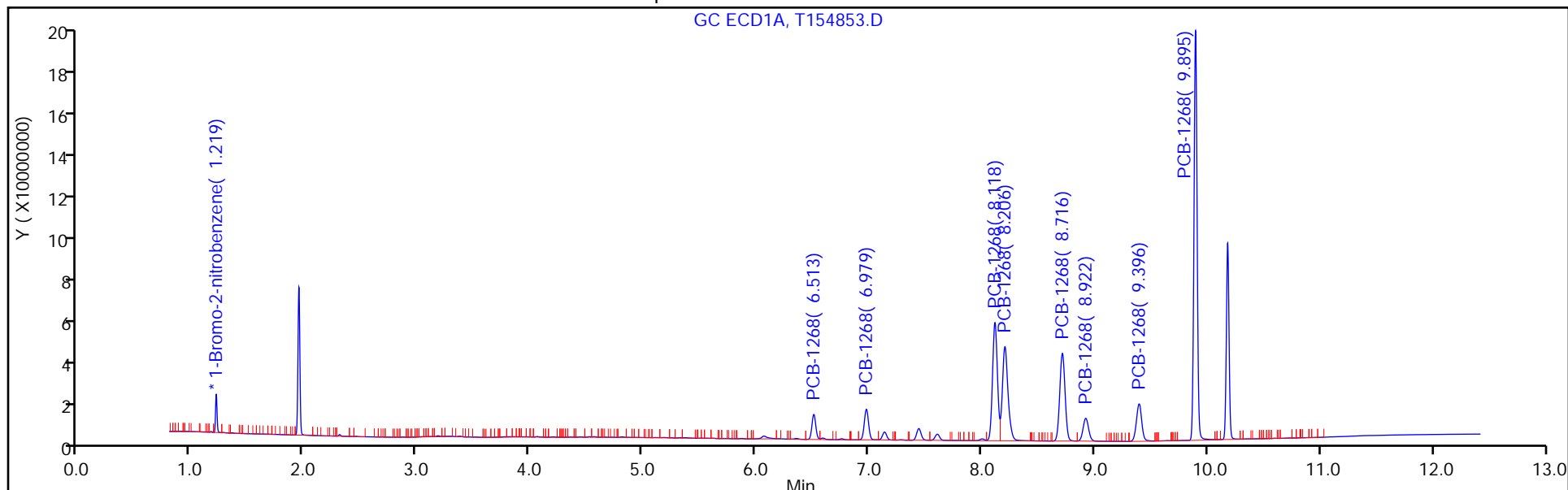
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 17:21 Calibration End Date: 01/21/2019 18:57 Calibration ID: 72961

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/3	7R001209.D
Level 2	IC 460-584163/4	7R001210.D
Level 3	IC 460-584163/2	7R001208.D
Level 4	IC 460-584163/5	7R001211.D
Level 5	IC 460-584163/6	7R001212.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0106	0.0145	0.0122	0.0114	0.0122	Ave		0.0122				12.0	20.0				0.9900
PCB-1016 Peak 2	0.0170	0.0229	0.0190	0.0173	0.0184	Ave		0.0189				12.6	20.0				0.9900
PCB-1016 Peak 3	0.0538	0.0511	0.0413	0.0387	0.0416	Ave		0.0453				14.8	20.0				0.9900
PCB-1016 Peak 4	0.0157	0.0199	0.0163	0.0160	0.0179	Ave		0.0172				10.1	20.0				0.9900
PCB-1016 Peak 5	0.0157	0.0199	0.0161	0.0154	0.0169	Ave		0.0168				10.9	20.0				0.9900
PCB-1016 Peak 6	0.0180	0.0185	0.0142	0.0128	0.0136	Ave		0.0154				17.1	20.0				0.9900
PCB-1016 Peak 7	0.0168	0.0247	0.0196	0.0183	0.0198	Ave		0.0198				14.9	20.0				0.9900
PCB-1016 Peak 8	0.0189	0.0200	0.0164	0.0151	0.0166	Ave		0.0174				11.5	20.0				0.9900
PCB-1260 Peak 1	0.0417	0.0496	0.0405	0.0403	0.0454	Ave		0.0435				9.1	20.0				0.9900
PCB-1260 Peak 2	0.0671	0.0795	0.0690	0.0630	0.0701	Ave		0.0697				8.7	20.0				0.9900
PCB-1260 Peak 3	0.0926	0.1184	0.1025	0.0979	0.1129	Ave		0.1049				10.1	20.0				0.9900
PCB-1260 Peak 4	0.0617	0.0827	0.0684	0.0685	0.0780	Ave		0.0718				11.7	20.0				0.9900
PCB-1260 Peak 5	0.0554	0.0766	0.0580	0.0640	0.0726	Ave		0.0653				14.0	20.0				0.9900
PCB-1260 Peak 6	0.1267	0.1519	0.1258	0.1272	0.1456	Ave		0.1354				9.1	20.0				0.9900
PCB-1260 Peak 7	0.0864	0.1083	0.0897	0.0908	0.1037	Ave		0.0958				10.0	20.0				0.9900
PCB-1260 Peak 8	0.0277	0.0333	0.0270	0.0281	0.0321	Ave		0.0296				9.6	20.0				0.9900
Tetrachloro-m-xylene	0.5371	0.6300	0.5490	0.5393	0.6243	Ave		0.5759				8.2	20.0				0.9900
DCB Decachlorobiphenyl	0.7856	0.9058	0.8120	0.7693	0.8984	Ave		0.8342				7.7	20.0				0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 17:21 Calibration End Date: 01/21/2019 18:57 Calibration ID: 72961

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/3	7R001209.D
Level 2	IC 460-584163/4	7R001210.D
Level 3	IC 460-584163/2	7R001208.D
Level 4	IC 460-584163/5	7R001211.D
Level 5	IC 460-584163/6	7R001212.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1756	22283	37126	49735	86895	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	2819	35218	57769	75482	131434	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	8919	78615	125840	169432	296488	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	2609	30589	49770	70199	127417	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	2605	30603	49028	67226	120616	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	2980	28478	43257	56052	96745	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	2791	37975	59666	80128	140925	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	3126	30799	49809	66263	118350	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	6918	76321	123480	176491	324168	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	11126	122223	210114	275496	499975	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	15360	182092	312212	428473	805262	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	10233	127079	208258	299449	556594	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	9183	117748	176554	279964	518226	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	21013	233541	383254	556256	1038600	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	14320	166507	273200	397248	740066	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	4599	51160	82287	122743	228939	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	22263	96863	167221	235932	356285	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	32565	139255	247338	336527	512714	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001208.D  
 Lims ID: IC PCB 3  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 21-Jan-2019 17:21:58 ALS Bottle#: 5 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-002  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:10:51 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:10:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	60921	20.0	20.0	
2	2.863	2.863	0.000	34947	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.213	5.213	0.000	167221	100.0	95.3	M
2	4.263	4.263	0.000	186642	100.0	98.0	M
						RPD = 2.78	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.243	6.243	0.000	37126	1000.0	1001.9	M
1	7.027	7.027	0.000	57769	1000.0	1002.9	
1	7.853	7.853	0.000	125840	1000.0	911.8	
1	8.093	8.093	0.000	49770	1000.0	951.3	M
1	8.270	8.270	0.000	49028	1000.0	958.2	M
1	8.920	8.920	0.000	43257	1000.0	921.3	M
1	9.130	9.130	0.000	59666	1000.0	987.4	M
1	9.647	9.647	0.000	49809	1000.0	940.0	M

Average of Peak Amounts = 959.4

2	4.990	4.990	0.000	44876	1000.0	941.2	M
2	5.643	5.643	0.000	87487	1000.0	939.0	M
2	5.990	5.990	0.000	57070	1000.0	957.2	M
2	6.457	6.457	0.000	160828	1000.0	953.3	M
2	6.690	6.690	0.000	71491	1000.0	932.2	M
2	6.793	6.793	0.000	45381	1000.0	921.4	M
2	7.400	7.400	0.000	70467	1000.0	943.9	M
2	8.043	8.043	0.000	46133	1000.0	998.0	M

Average of Peak Amounts = 948.3

RPD = 1.16

8 PCB-1260

							Ma
1	10.890	10.890	0.000	123480	1000.0	931.1	M
1	11.233	11.233	0.000	210114	1000.0	989.2	M
1	11.757	11.757	0.000	312212	1000.0	977.3	M
1	13.017	13.017	0.000	208258	1000.0	951.6	M
1	13.797	13.797	0.000	176554	1000.0	887.4	
1	14.460	14.460	0.000	383254	1000.0	929.0	
1	15.290	15.290	0.000	273200	1000.0	936.4	
1	16.370	16.370	0.000	82287	1000.0	911.5	

Average of Peak Amounts = 939.2

2	9.433	9.433	0.000	106418	1000.0	943.6	M
2	10.343	10.343	0.000	191216	1000.0	993.8	M
2	10.563	10.563	0.000	85595	1000.0	936.3	M
2	11.030	11.030	0.000	92122	1000.0	929.2	M
2	11.743	11.743	0.000	209713	1000.0	955.6	M
2	0.000	12.470	-12.470	0	1000.0	0	
2	0.000	12.733	-12.733	0	1000.0	0	
2	14.180	14.180	0.000	49332	1000.0	922.5	M

Average of Peak Amounts = 946.8

RPD = 0.81

\$ 11 DCB Decachlorobiphenyl

1	17.057	17.057	0.000	247338	100.0	97.3	
2	15.270	15.270	0.000	210487	100.0	97.9	

RPD = 0.55

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

SG1660L3_00033	Amount Added: 1.00	Units: mL	
SG1260ResPCB_00001	Amount Added: 1.00	Units: mL	
SGPCBISTD_00012	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001208.D

Injection Date: 21-Jan-2019 17:21:58

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 2

Client ID:

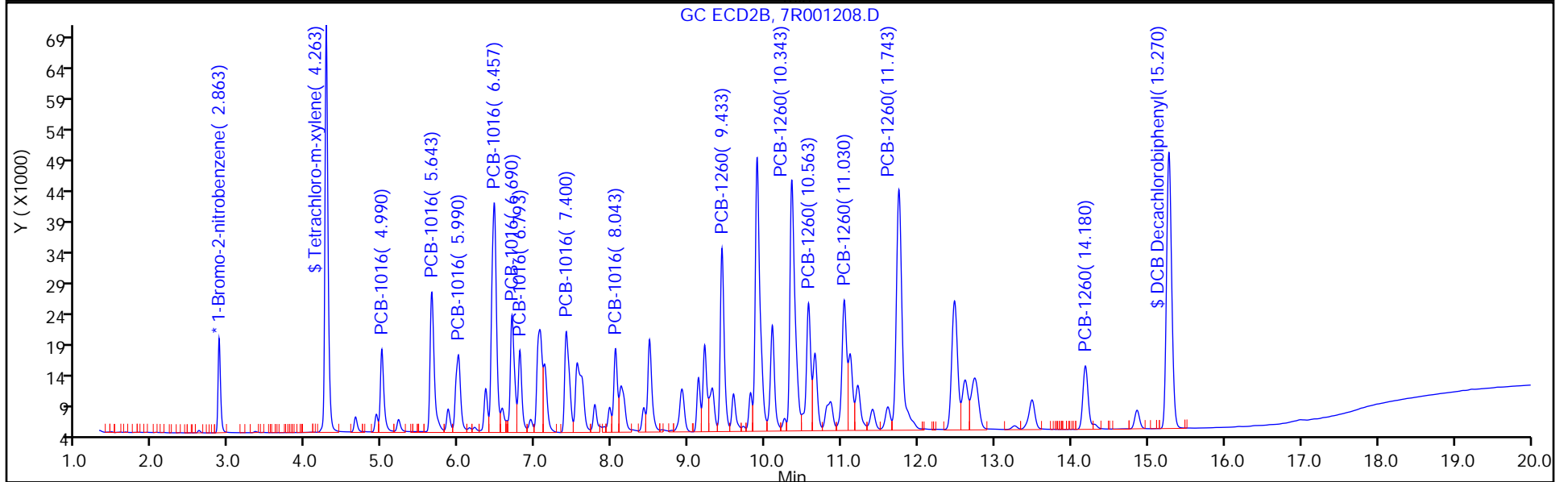
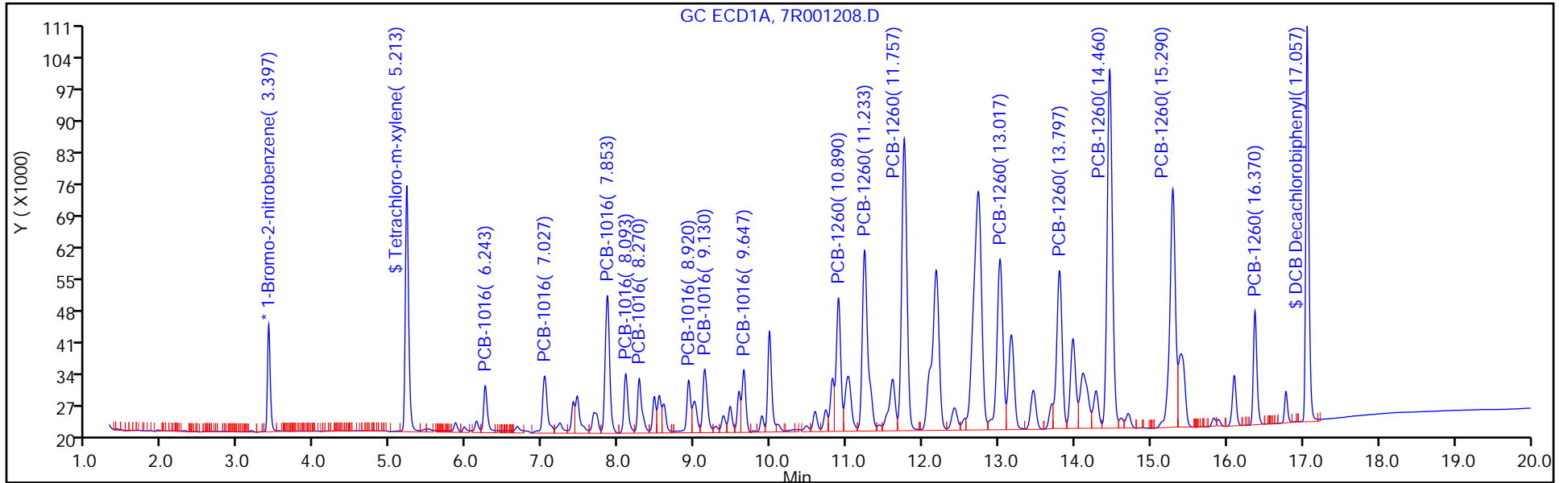
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001209.D  
 Lims ID: IC PCB 1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 21-Jan-2019 17:45:53 ALS Bottle#: 6 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-003  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:10:55 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:10:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	3.397	3.397	0.000	66323	20.0	20.0	M
2	2.863	2.863	0.000	37457	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	5.210	5.210	0.000	22263	12.5	11.7	
2	4.263	4.263	0.000	19595	12.5	9.60	M
RPD = 19.35							



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.243	6.243	0.000	1756	50.0	43.5	M
1	7.023	7.023	0.000	2819	50.0	45.0	M
1	7.850	7.850	0.000	8919	50.0	59.4	M
1	8.093	8.093	0.000	2609	50.0	45.8	M
1	8.270	8.270	0.000	2605	50.0	46.8	M
1	8.907	8.907	0.000	2980	50.0	58.3	M
1	9.130	9.130	0.000	2791	50.0	42.4	M
1	9.647	9.647	0.000	3126	50.0	54.2	

Average of Peak Amounts = 49.4

2	4.990	4.990	0.000	2628	50.0	51.4	M
2	5.643	5.643	0.000	5342	50.0	53.5	M
2	5.990	5.990	0.000	3102	50.0	48.5	M
2	6.460	6.460	0.000	8758	50.0	48.4	M
2	6.693	6.693	0.000	4334	50.0	52.7	M
2	6.790	6.790	0.000	2807	50.0	53.2	M
2	7.400	7.400	0.000	3914	50.0	48.9	
2	8.043	8.043	0.000	2568	50.0	51.8	M

Average of Peak Amounts = 51.1

RPD = 3.29

8 PCB-1260

							M
1	10.890	10.890	0.000	6918	50.0	47.9	
1	11.233	11.233	0.000	11126	50.0	48.1	
1	11.753	11.753	0.000	15360	50.0	44.2	
1	13.013	13.013	0.000	10233	50.0	43.0	M
1	13.797	13.797	0.000	9183	50.0	42.4	M
1	14.457	14.457	0.000	21013	50.0	46.8	M
1	15.287	15.287	0.000	14320	50.0	45.1	
1	16.367	16.367	0.000	4599	50.0	46.8	M

Average of Peak Amounts = 45.5

2	9.437	9.437	0.000	5943	50.0	49.2	M
2	10.347	10.347	0.000	9289	50.0	45.0	M
2	10.563	10.563	0.000	4657	50.0	47.5	M
2	11.030	11.030	0.000	4904	50.0	46.2	M
2	11.743	11.743	0.000	9861	50.0	41.9	M
2	12.470	12.470	0.000	5155	50.0	41.1	M
2	12.733	12.733	0.000	2698	50.0	42.7	M
2	14.180	14.180	0.000	2392	50.0	41.7	M

Average of Peak Amounts = 44.4

RPD = 2.47

\$ 11 DCB Decachlorobiphenyl

							M
1	17.057	17.057	0.000	32565	12.5	11.8	M
2	15.273	15.273	0.000	26619	12.5	11.5	

RPD = 1.92

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L1\_00018

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001209.D

Injection Date: 21-Jan-2019 17:45:53

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 3

Client ID:

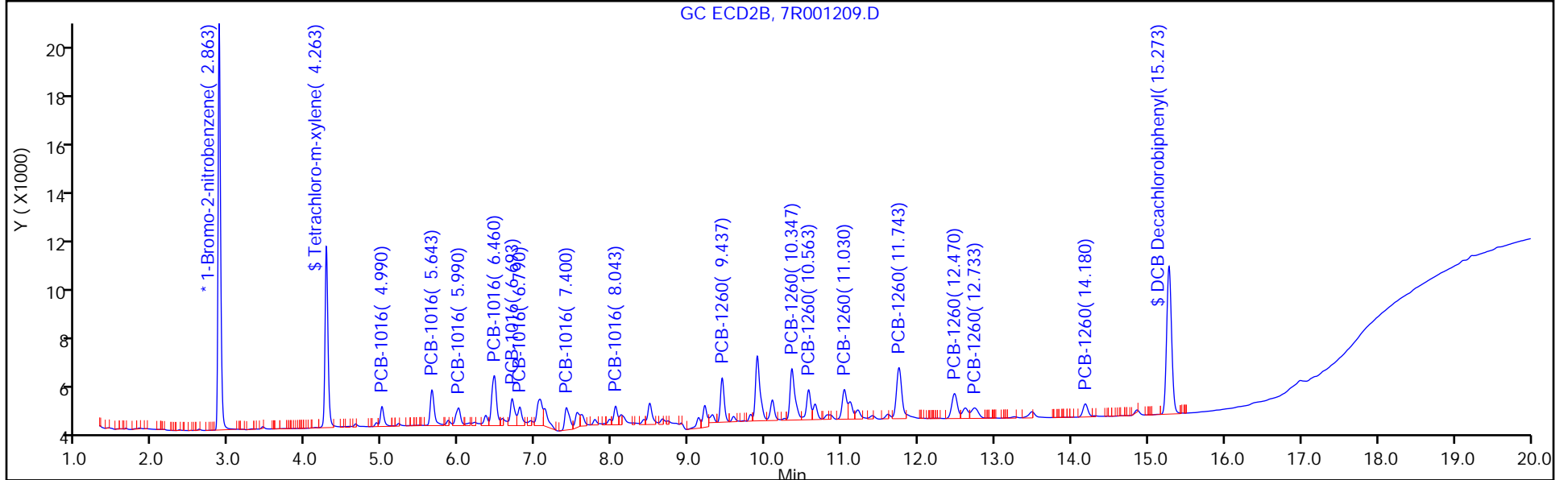
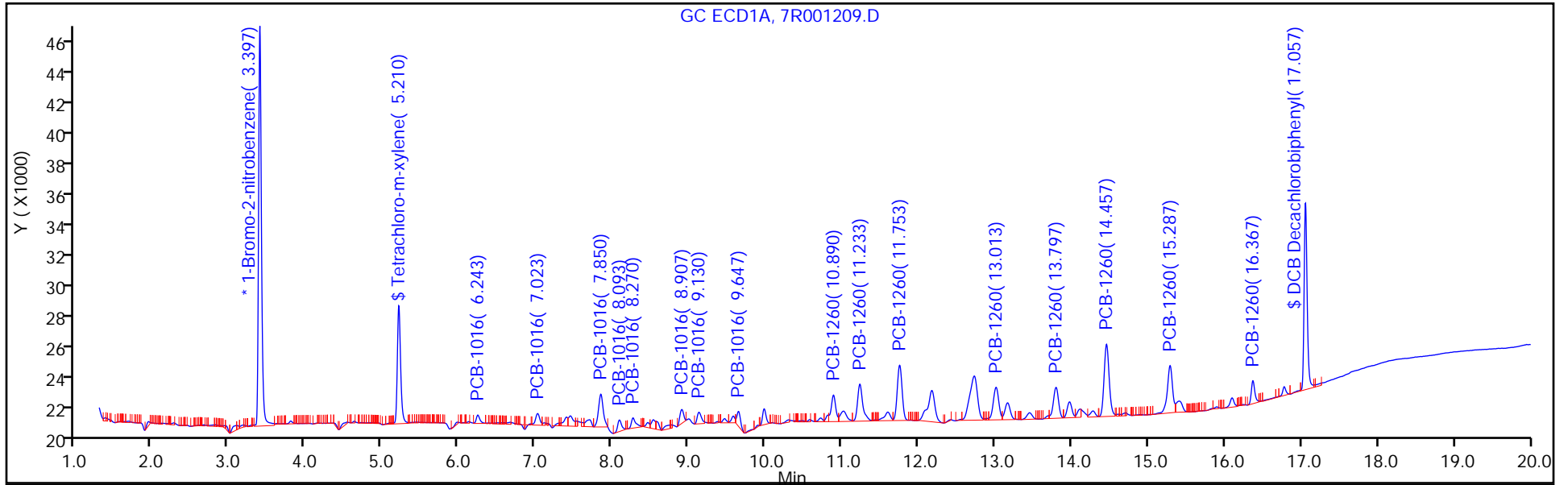
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001210.D  
 Lims ID: IC PCB 2  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 21-Jan-2019 18:09:43 ALS Bottle#: 7 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-004  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:10:59 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:10:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	61496	20.0	20.0	
2	2.863	2.863	0.000	34989	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.213	5.210	0.003	96863	50.0	54.7	M
2	4.263	4.263	0.000	103407	50.0	54.2	M
						RPD = 0.85	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	6.243	6.243	0.000	22283	500.0	595.7	M
1	7.027	7.023	0.004	35218	500.0	605.7	M
1	7.850	7.850	0.000	78615	500.0	564.3	M
1	8.093	8.093	0.000	30589	500.0	579.2	M
1	8.270	8.270	0.000	30603	500.0	592.5	M
1	8.920	8.907	0.013	28478	500.0	600.8	M
1	9.130	9.130	0.000	37975	500.0	622.5	M
1	9.647	9.647	0.000	30799	500.0	575.8	M

Average of Peak Amounts = 592.1

2	4.990	4.990	0.000	27369	500.0	573.3	M
2	5.643	5.643	0.000	53606	500.0	574.7	M
2	5.990	5.990	0.000	34188	500.0	572.7	M
2	6.457	6.460	-0.003	94173	500.0	557.5	M
2	6.690	6.693	-0.003	42749	500.0	556.7	M
2	6.793	6.790	0.003	26899	500.0	545.5	M
2	7.400	7.400	0.000	41346	500.0	553.1	M
2	8.040	8.043	-0.003	25467	500.0	550.3	M

Average of Peak Amounts = 560.5

RPD = 5.48

8 PCB-1260

1	10.890	10.890	0.000	76321	500.0	570.1	M
1	11.233	11.233	0.000	122223	500.0	570.1	M
1	11.757	11.753	0.004	182092	500.0	564.6	M
1	13.013	13.013	0.000	127079	500.0	575.3	M
1	13.797	13.797	0.000	117748	500.0	586.3	M
1	14.457	14.457	0.000	233541	500.0	560.8	M
1	15.287	15.287	0.000	166507	500.0	565.4	
1	16.370	16.367	0.003	51160	500.0	561.4	

Average of Peak Amounts = 569.2

2	9.433	9.437	-0.004	64870	500.0	574.5	M
2	10.343	10.347	-0.004	107895	500.0	560.1	M
2	10.563	10.563	0.000	52409	500.0	572.6	M
2	11.030	11.030	0.000	56367	500.0	567.9	M
2	11.743	11.743	0.000	125032	500.0	569.0	M
2	12.470	12.470	0.000	64452	500.0	550.6	M
2	12.733	12.733	0.000	33087	500.0	560.0	M
2	14.180	14.180	0.000	29868	500.0	557.9	M

Average of Peak Amounts = 564.1

RPD = 0.91

\$ 11 DCB Decachlorobiphenyl

1	17.057	17.057	0.000	139255	50.0	54.3	
2	15.273	15.273	0.000	116816	50.0	54.3	

RPD = 0.07

S 12 Polychlorinated biphenyls, Total

1						1161.3	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L2\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001210.D

Injection Date: 21-Jan-2019 18:09:43

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 4

Client ID:

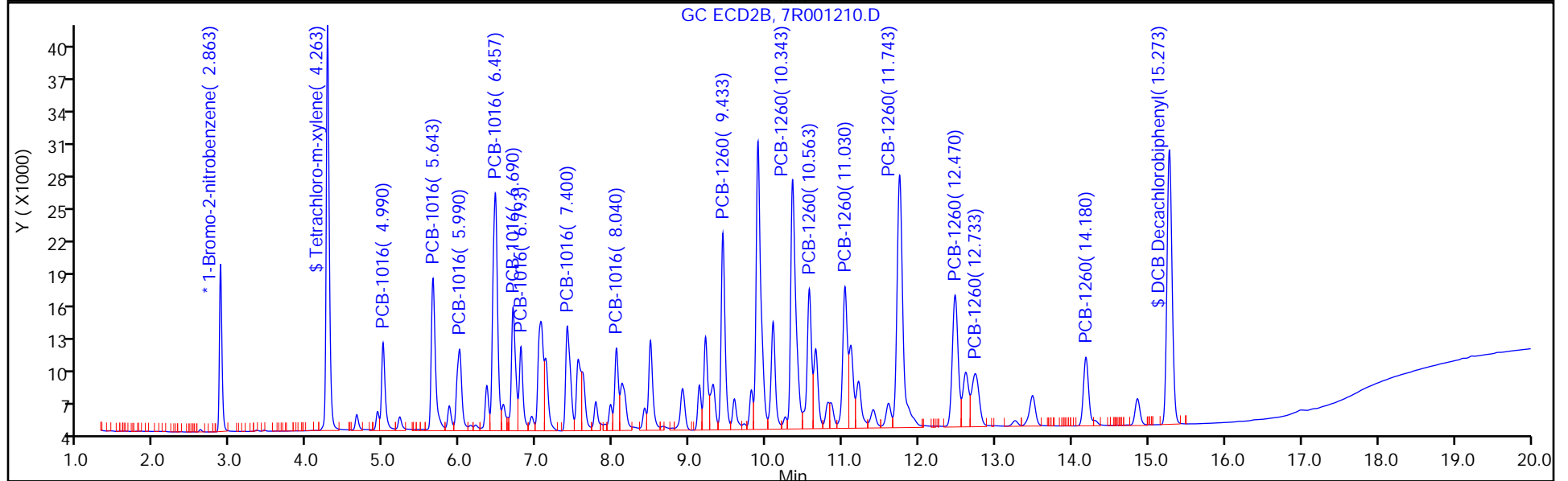
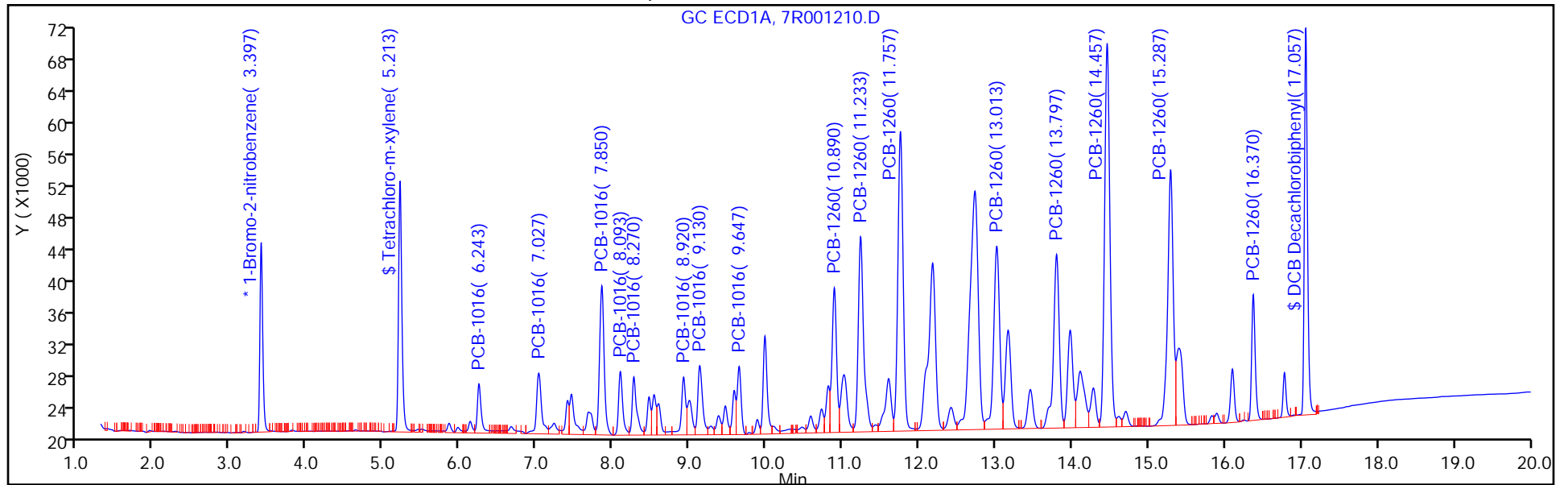
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001211.D  
 Lims ID: IC PCB 4  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 21-Jan-2019 18:33:33 ALS Bottle#: 8 Worklist Smp#: 5  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-005  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:04 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:11:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	58326	20.0	20.0	
2	2.863	2.863	0.000	33283	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.213	5.210	0.003	235932	150.0	140.5	M
2	4.263	4.263	0.000	271473	150.0	149.7	M
						RPD = 6.35	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	6.243	6.243	0.000	49735	1500.0	1402.0	M
1	7.027	7.023	0.004	75482	1500.0	1368.7	M
1	7.850	7.850	0.000	169432	1500.0	1282.3	M
1	8.093	8.093	0.000	70199	1500.0	1401.5	M
1	8.270	8.270	0.000	67226	1500.0	1372.3	M
1	8.920	8.907	0.013	56052	1500.0	1246.9	M
1	9.130	9.130	0.000	80128	1500.0	1385.0	M
1	9.647	9.647	0.000	66263	1500.0	1306.2	M

Average of Peak Amounts = 1345.6

2	4.990	4.990	0.000	61961	1500.0	1364.5	M
2	5.640	5.643	-0.003	118175	1500.0	1331.8	M
2	5.990	5.990	0.000	77946	1500.0	1372.6	M
2	6.457	6.460	-0.003	222959	1500.0	1387.6	M
2	6.690	6.693	-0.003	98503	1500.0	1348.6	M
2	6.793	6.790	0.003	62891	1500.0	1340.8	M
2	7.397	7.400	-0.003	98508	1500.0	1385.4	M
2	8.040	8.043	-0.003	58106	1500.0	1319.9	M

Average of Peak Amounts = 1356.4

RPD = 0.80

8 PCB-1260

1	10.893	10.890	0.003	176491	1500.0	1390.0	M
1	11.233	11.233	0.000	275496	1500.0	1354.8	M
1	11.757	11.753	0.004	428473	1500.0	1400.9	M
1	13.017	13.013	0.004	299449	1500.0	1429.2	
1	13.797	13.797	0.000	279964	1500.0	1469.8	
1	14.460	14.457	0.003	556256	1500.0	1408.3	
1	15.290	15.287	0.003	397248	1500.0	1422.2	
1	16.370	16.367	0.003	122743	1500.0	1420.2	

Average of Peak Amounts = 1411.9

2	9.433	9.437	-0.004	146934	1500.0	1368.0	M
2	10.347	10.347	0.000	256196	1500.0	1398.0	M
2	10.563	10.563	0.000	121609	1500.0	1396.8	M
2	11.030	11.030	0.000	132977	1500.0	1408.4	M
2	11.743	11.743	0.000	302889	1500.0	1449.1	M
2	12.470	12.470	0.000	162859	1500.0	1462.5	M
2	12.733	12.733	0.000	80858	1500.0	1438.7	M
2	14.180	14.180	0.000	74700	1500.0	1466.7	M

Average of Peak Amounts = 1423.5

RPD = 0.82

\$ 11 DCB Decachlorobiphenyl

1	17.057	17.057	0.000	336527	150.0	138.3	
2	15.270	15.273	-0.003	286791	150.0	140.0	

RPD = 1.22

S 12 Polychlorinated biphenyls, Total

1						2757.5	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001211.D

Injection Date: 21-Jan-2019 18:33:33

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

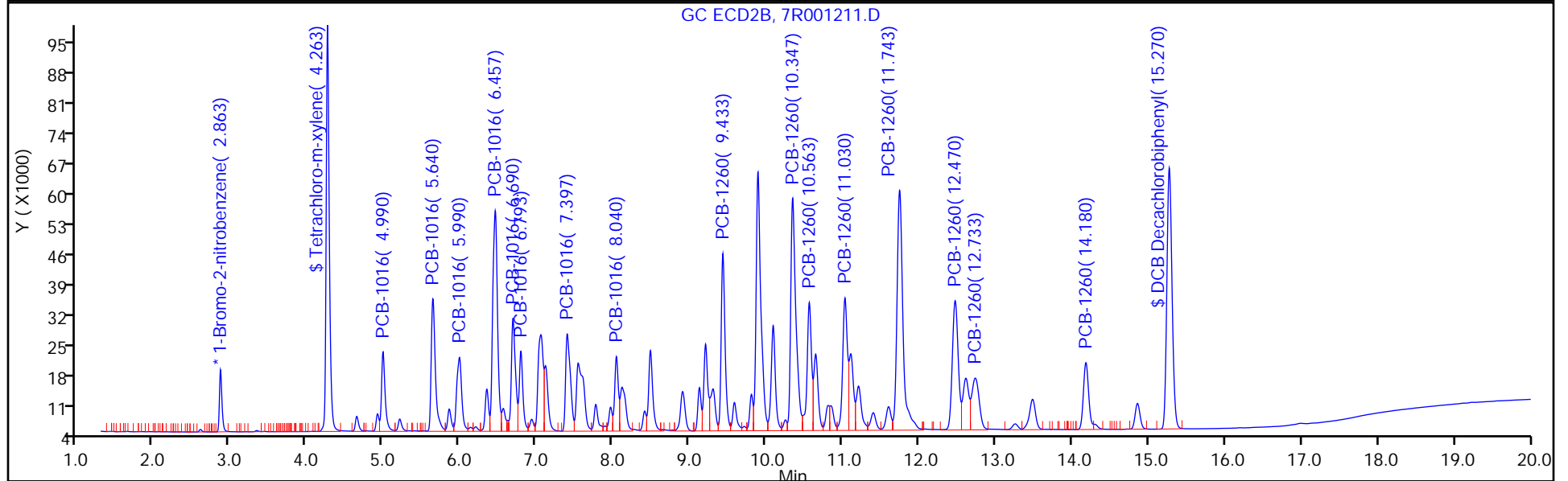
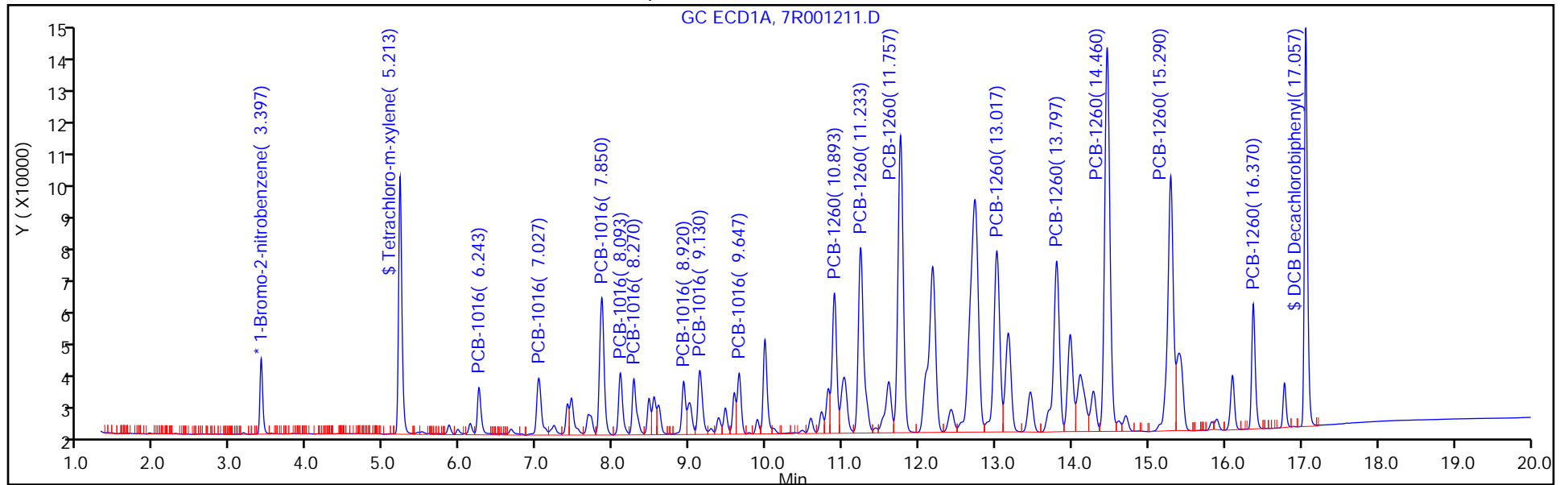
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001212.D  
 Lims ID: IC PCB 5  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 21-Jan-2019 18:57:27 ALS Bottle#: 9 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-006  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:08 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:11:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	57071	20.0	20.0	
2	2.863	2.863	0.000	32520	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.213	5.210	0.003	356285	200.0	216.8	M
2	4.263	4.263	0.000	414488	200.0	233.9	
						RPD = 7.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.243	6.243	0.000	86895	2500.0	2503.3	M
1	7.027	7.023	0.004	131434	2500.0	2435.6	
1	7.850	7.850	0.000	296488	2500.0	2293.3	
1	8.093	8.093	0.000	127417	2500.0	2599.7	
1	8.270	8.270	0.000	120616	2500.0	2516.4	
1	8.920	8.907	0.013	96745	2500.0	2199.5	
1	9.133	9.130	0.003	140925	2500.0	2489.4	
1	9.647	9.647	0.000	118350	2500.0	2384.3	

Average of Peak Amounts = 2427.7

2	4.987	4.990	-0.003	108035	2500.0	2435.0	
2	5.640	5.643	-0.003	206731	2500.0	2384.5	M
2	5.987	5.990	-0.003	140317	2500.0	2529.0	M
2	6.457	6.460	-0.003	407378	2500.0	2594.9	M
2	6.687	6.693	-0.006	178571	2500.0	2502.1	M
2	6.793	6.790	0.003	118025	2500.0	2575.3	M
2	7.397	7.400	-0.003	182017	2500.0	2620.0	M
2	8.040	8.043	-0.003	105909	2500.0	2462.2	M

Average of Peak Amounts = 2512.9

RPD = 3.45

8 PCB-1260

							M
1	10.893	10.890	0.003	324168	2500.0	2609.2	
1	11.233	11.233	0.000	499975	2500.0	2512.8	
1	11.757	11.753	0.004	805262	2500.0	2690.6	
1	13.017	13.013	0.004	556594	2500.0	2715.0	
1	13.797	13.797	0.000	518226	2500.0	2780.5	
1	14.460	14.457	0.003	1038600	2500.0	2687.3	
1	15.290	15.287	0.003	740066	2500.0	2707.7	
1	16.370	16.367	0.003	228939	2500.0	2707.2	

Average of Peak Amounts = 2676.3

2	9.430	9.437	-0.007	265566	2500.0	2530.4	M
2	10.343	10.347	-0.004	471490	2500.0	2633.2	M
2	10.563	10.563	0.000	220458	2500.0	2591.6	M
2	11.030	11.030	0.000	247481	2500.0	2682.6	M
2	11.743	11.743	0.000	562568	2500.0	2754.7	M
2	12.470	12.470	0.000	308095	2500.0	2831.7	
2	12.730	12.733	-0.003	151398	2500.0	2756.9	
2	14.180	14.180	0.000	142980	2500.0	2873.3	

Average of Peak Amounts = 2706.8

RPD = 1.13

\$ 11 DCB Decachlorobiphenyl

1	17.057	17.057	0.000	512714	200.0	215.4	
2	15.270	15.273	-0.003	431768	200.0	215.8	

RPD = 0.17

S 12 Polychlorinated biphenyls, Total

1						5104.0	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L5\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001212.D

Injection Date: 21-Jan-2019 18:57:27

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

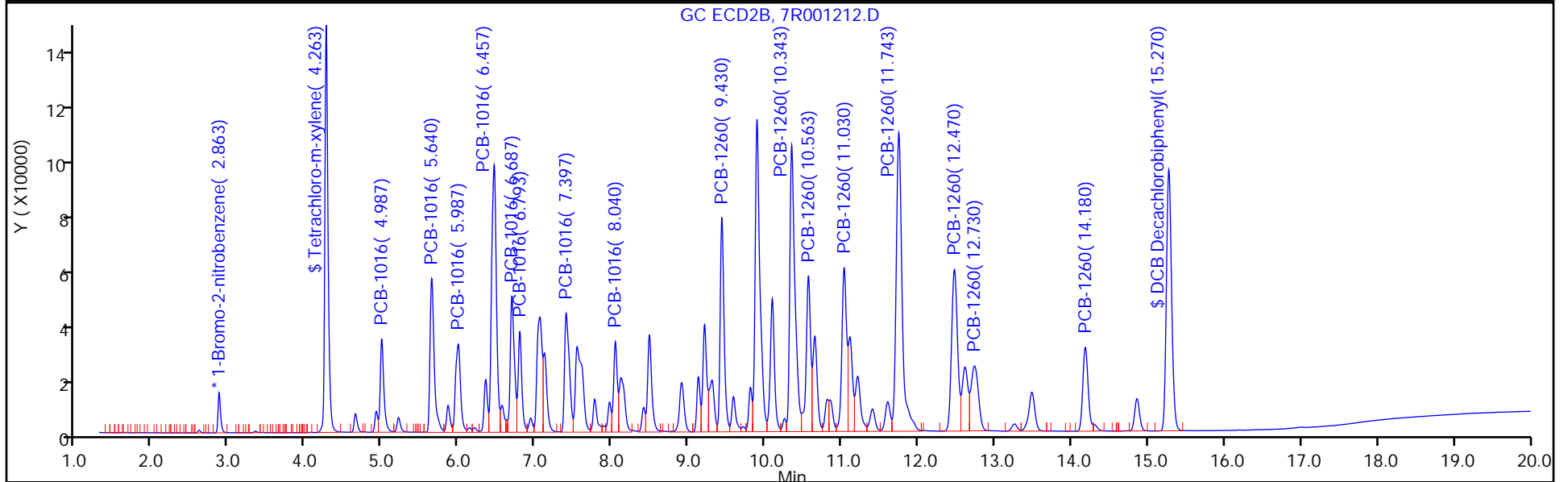
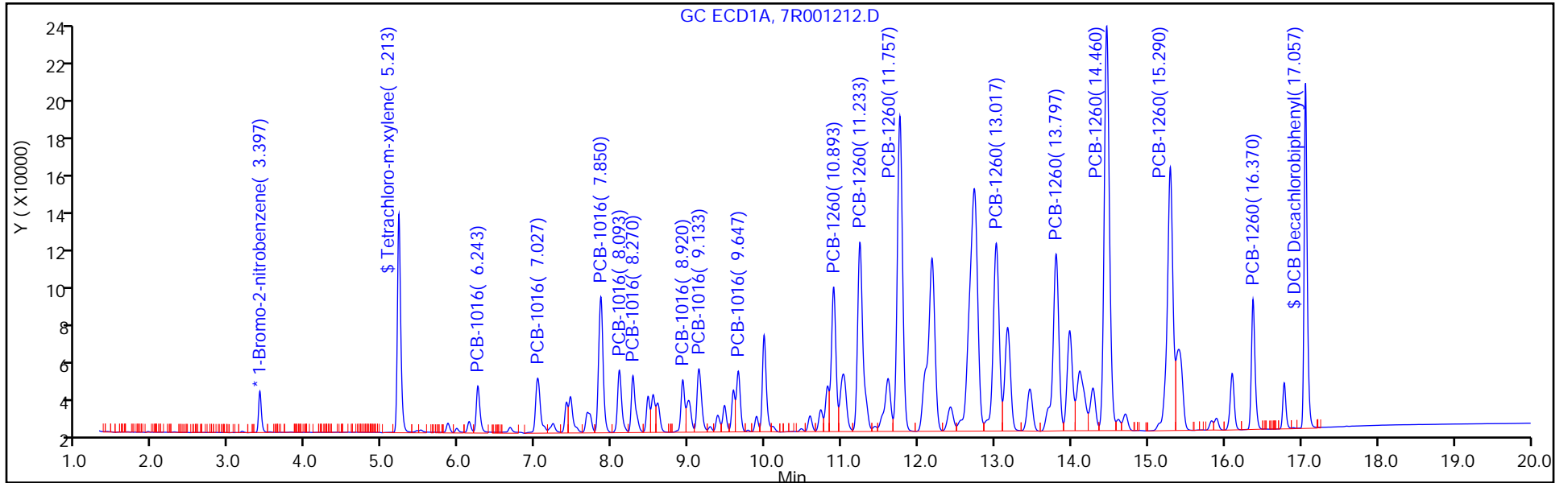
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 17:21 Calibration End Date: 01/21/2019 18:57 Calibration ID: 72962

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/3	7R001209.D
Level 2	IC 460-584163/4	7R001210.D
Level 3	IC 460-584163/2	7R001208.D
Level 4	IC 460-584163/5	7R001211.D
Level 5	IC 460-584163/6	7R001212.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0281	0.0313	0.0257	0.0248	0.0266	Ave		0.0273			9.3	20.0				0.9900	
PCB-1016 Peak 2	0.0570	0.0613	0.0501	0.0473	0.0509	Ave		0.0533			10.7	20.0				0.9900	
PCB-1016 Peak 3	0.0331	0.0391	0.0327	0.0312	0.0345	Ave		0.0341			8.8	20.0				0.9900	
PCB-1016 Peak 4	0.0935	0.1077	0.0920	0.0893	0.1002	Ave		0.0966			7.7	20.0				0.9900	
PCB-1016 Peak 5	0.0463	0.0489	0.0409	0.0395	0.0439	Ave		0.0439			8.8	20.0				0.9900	
PCB-1016 Peak 6	0.0300	0.0308	0.0260	0.0252	0.0290	Ave		0.0282			8.8	20.0				0.9900	
PCB-1016 Peak 7	0.0418	0.0473	0.0403	0.0395	0.0448	Ave		0.0427			7.6	20.0				0.9900	
PCB-1016 Peak 8	0.0274	0.0291	0.0264	0.0233	0.0261	Ave		0.0265			8.1	20.0				0.9900	
PCB-1260 Peak 1	0.0635	0.0742	0.0609	0.0589	0.0653	Ave		0.0645			9.2	20.0				0.9900	
PCB-1260 Peak 6	0.0550	0.0737	0	0.0652	0.0758	Ave		0.0669			12.3	20.0				0.9900	
PCB-1260 Peak 7	0.0288	0.0378	0	0.0324	0.0372	Ave		0.0338			11.1	20.0				0.9900	
PCB-1260 Peak 2	0.0992	0.1233	0.1094	0.1026	0.1160	Ave		0.1101			8.9	20.0				0.9900	
PCB-1260 Peak 3	0.0497	0.0599	0.0490	0.0487	0.0542	Ave		0.0523			9.2	20.0				0.9900	
PCB-1260 Peak 4	0.0524	0.0644	0.0527	0.0533	0.0609	Ave		0.0567			9.8	20.0				0.9900	
PCB-1260 Peak 5	0.1053	0.1429	0.1200	0.1213	0.1384	Ave		0.1256			12.1	20.0				0.9900	
PCB-1260 Peak 8	0.0255	0.0341	0.0282	0.0299	0.0352	Ave		0.0306			13.2	20.0				0.9900	
Tetrachloro-m-xylene	0.8370	1.1822	1.0681	1.0875	1.2746	Ave		1.0899			15.0	20.0				0.9900	
DCB Decachlorobiphenyl	1.1370	1.3355	1.2046	1.1489	1.3277	Ave		1.2307			7.8	20.0				0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 17:21 Calibration End Date: 01/21/2019 18:57 Calibration ID: 72962

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/3	7R001209.D
Level 2	IC 460-584163/4	7R001210.D
Level 3	IC 460-584163/2	7R001208.D
Level 4	IC 460-584163/5	7R001211.D
Level 5	IC 460-584163/6	7R001212.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	2628	27369	44876	61961	108035	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	5342	53606	87487	118175	206731	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	3102	34188	57070	77946	140317	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	8758	94173	160828	222959	407378	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	4334	42749	71491	98503	178571	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	2807	26899	45381	62891	118025	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3914	41346	70467	98508	182017	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	2568	25467	46133	58106	105909	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	5943	64870	106418	146934	265566	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	5155	64452	0	162859	308095	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	2698	33087	0	80858	151398	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	9289	107895	191216	256196	471490	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	4657	52409	85595	121609	220458	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	4904	56367	92122	132977	247481	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	9861	125032	209713	302889	562568	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	2392	29868	49332	74700	142980	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	19595	103407	186642	271473	414488	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	26619	116816	210487	286791	431768	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001208.D  
 Lims ID: IC PCB 3  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 21-Jan-2019 17:21:58 ALS Bottle#: 5 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-002  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:10:51 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:10:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	60921	20.0	20.0	
2	2.863	2.863	0.000	34947	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.213	5.213	0.000	167221	100.0	95.3	M
2	4.263	4.263	0.000	186642	100.0	98.0	M
						RPD = 2.78	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.243	6.243	0.000	37126	1000.0	1001.9	M
1	7.027	7.027	0.000	57769	1000.0	1002.9	
1	7.853	7.853	0.000	125840	1000.0	911.8	
1	8.093	8.093	0.000	49770	1000.0	951.3	M
1	8.270	8.270	0.000	49028	1000.0	958.2	M
1	8.920	8.920	0.000	43257	1000.0	921.3	M
1	9.130	9.130	0.000	59666	1000.0	987.4	M
1	9.647	9.647	0.000	49809	1000.0	940.0	M

Average of Peak Amounts = 959.4

2	4.990	4.990	0.000	44876	1000.0	941.2	M
2	5.643	5.643	0.000	87487	1000.0	939.0	M
2	5.990	5.990	0.000	57070	1000.0	957.2	M
2	6.457	6.457	0.000	160828	1000.0	953.3	M
2	6.690	6.690	0.000	71491	1000.0	932.2	M
2	6.793	6.793	0.000	45381	1000.0	921.4	M
2	7.400	7.400	0.000	70467	1000.0	943.9	M
2	8.043	8.043	0.000	46133	1000.0	998.0	M

Average of Peak Amounts = 948.3

RPD = 1.16

8 PCB-1260

							Ma
1	10.890	10.890	0.000	123480	1000.0	931.1	M
1	11.233	11.233	0.000	210114	1000.0	989.2	M
1	11.757	11.757	0.000	312212	1000.0	977.3	M
1	13.017	13.017	0.000	208258	1000.0	951.6	M
1	13.797	13.797	0.000	176554	1000.0	887.4	
1	14.460	14.460	0.000	383254	1000.0	929.0	
1	15.290	15.290	0.000	273200	1000.0	936.4	
1	16.370	16.370	0.000	82287	1000.0	911.5	

Average of Peak Amounts = 939.2

2	9.433	9.433	0.000	106418	1000.0	943.6	M
2	10.343	10.343	0.000	191216	1000.0	993.8	M
2	10.563	10.563	0.000	85595	1000.0	936.3	M
2	11.030	11.030	0.000	92122	1000.0	929.2	M
2	11.743	11.743	0.000	209713	1000.0	955.6	M
2	0.000	12.470	-12.470	0	1000.0	0	
2	0.000	12.733	-12.733	0	1000.0	0	
2	14.180	14.180	0.000	49332	1000.0	922.5	M

Average of Peak Amounts = 946.8

RPD = 0.81

\$ 11 DCB Decachlorobiphenyl

1	17.057	17.057	0.000	247338	100.0	97.3	
2	15.270	15.270	0.000	210487	100.0	97.9	

RPD = 0.55

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

SG1660L3_00033	Amount Added: 1.00	Units: mL	
SG1260ResPCB_00001	Amount Added: 1.00	Units: mL	
SGPCBISTD_00012	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001208.D

Injection Date: 21-Jan-2019 17:21:58

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 2

Client ID:

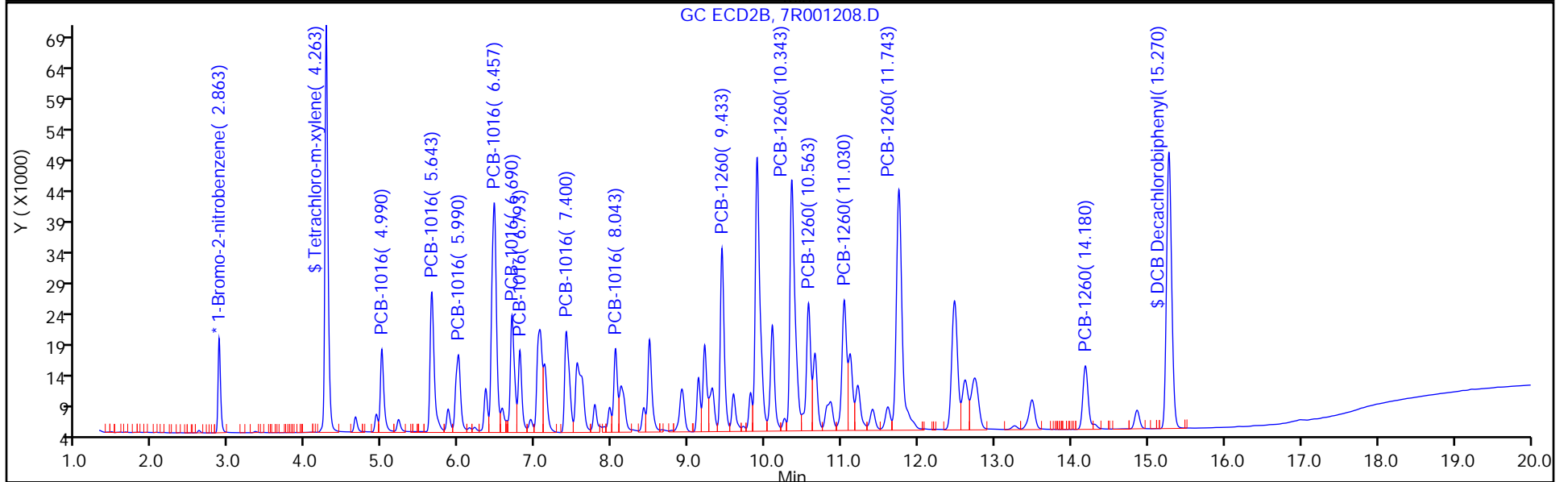
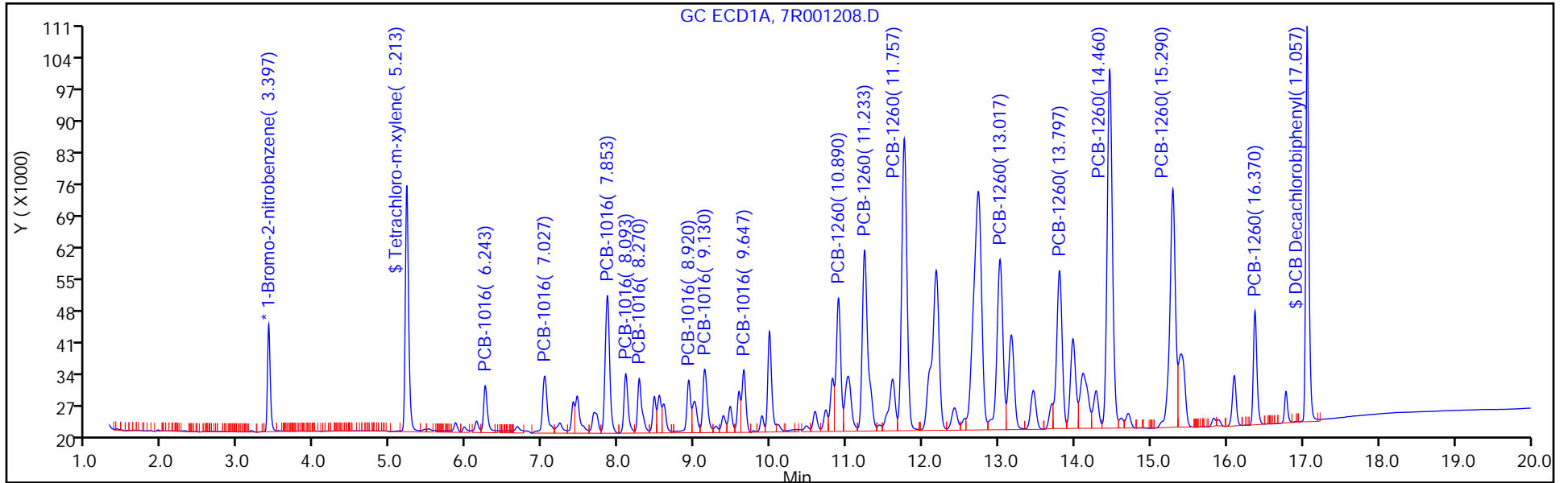
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001209.D  
 Lims ID: IC PCB 1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 21-Jan-2019 17:45:53 ALS Bottle#: 6 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-003  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:10:55 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:10:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	3.397	3.397	0.000	66323	20.0	20.0	M
2	2.863	2.863	0.000	37457	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	5.210	5.210	0.000	22263	12.5	11.7	
2	4.263	4.263	0.000	19595	12.5	9.60	M
RPD = 19.35							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.243	6.243	0.000	1756	50.0	43.5	M
1	7.023	7.023	0.000	2819	50.0	45.0	M
1	7.850	7.850	0.000	8919	50.0	59.4	M
1	8.093	8.093	0.000	2609	50.0	45.8	M
1	8.270	8.270	0.000	2605	50.0	46.8	M
1	8.907	8.907	0.000	2980	50.0	58.3	M
1	9.130	9.130	0.000	2791	50.0	42.4	M
1	9.647	9.647	0.000	3126	50.0	54.2	

Average of Peak Amounts = 49.4

2	4.990	4.990	0.000	2628	50.0	51.4	M
2	5.643	5.643	0.000	5342	50.0	53.5	M
2	5.990	5.990	0.000	3102	50.0	48.5	M
2	6.460	6.460	0.000	8758	50.0	48.4	M
2	6.693	6.693	0.000	4334	50.0	52.7	M
2	6.790	6.790	0.000	2807	50.0	53.2	M
2	7.400	7.400	0.000	3914	50.0	48.9	
2	8.043	8.043	0.000	2568	50.0	51.8	M

Average of Peak Amounts = 51.1

RPD = 3.29

8 PCB-1260

							M
1	10.890	10.890	0.000	6918	50.0	47.9	
1	11.233	11.233	0.000	11126	50.0	48.1	
1	11.753	11.753	0.000	15360	50.0	44.2	
1	13.013	13.013	0.000	10233	50.0	43.0	M
1	13.797	13.797	0.000	9183	50.0	42.4	M
1	14.457	14.457	0.000	21013	50.0	46.8	M
1	15.287	15.287	0.000	14320	50.0	45.1	
1	16.367	16.367	0.000	4599	50.0	46.8	M

Average of Peak Amounts = 45.5

2	9.437	9.437	0.000	5943	50.0	49.2	M
2	10.347	10.347	0.000	9289	50.0	45.0	M
2	10.563	10.563	0.000	4657	50.0	47.5	M
2	11.030	11.030	0.000	4904	50.0	46.2	M
2	11.743	11.743	0.000	9861	50.0	41.9	M
2	12.470	12.470	0.000	5155	50.0	41.1	M
2	12.733	12.733	0.000	2698	50.0	42.7	M
2	14.180	14.180	0.000	2392	50.0	41.7	M

Average of Peak Amounts = 44.4

RPD = 2.47

\$ 11 DCB Decachlorobiphenyl

							M
1	17.057	17.057	0.000	32565	12.5	11.8	M
2	15.273	15.273	0.000	26619	12.5	11.5	

RPD = 1.92

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L1\_00018

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001209.D

Injection Date: 21-Jan-2019 17:45:53

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 3

Client ID:

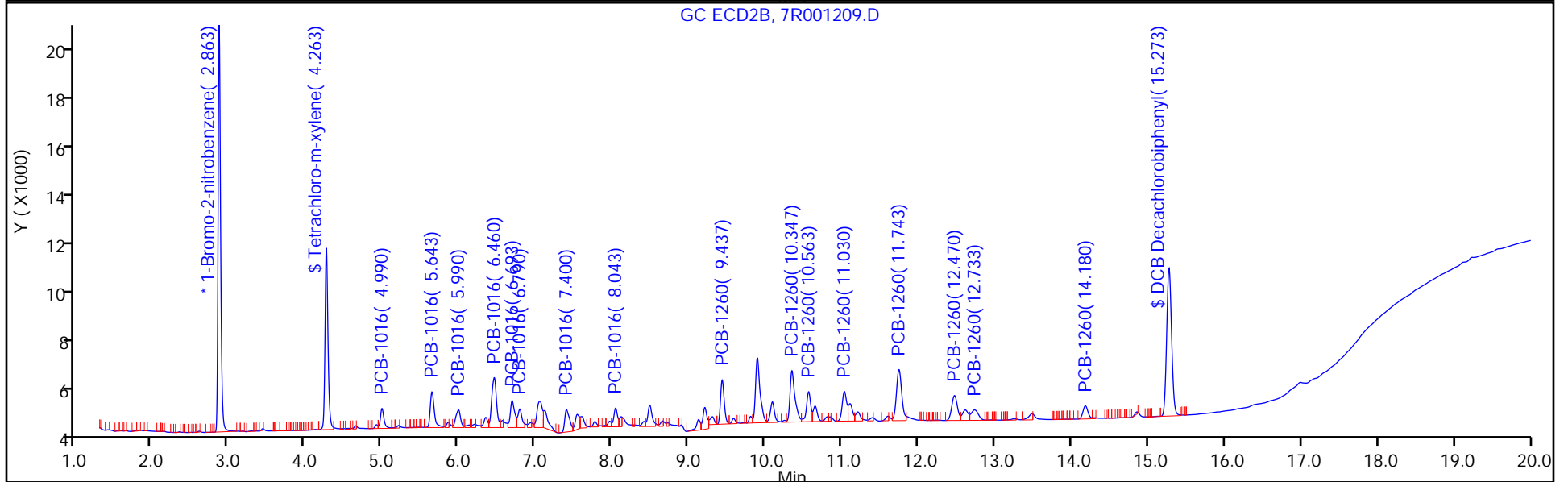
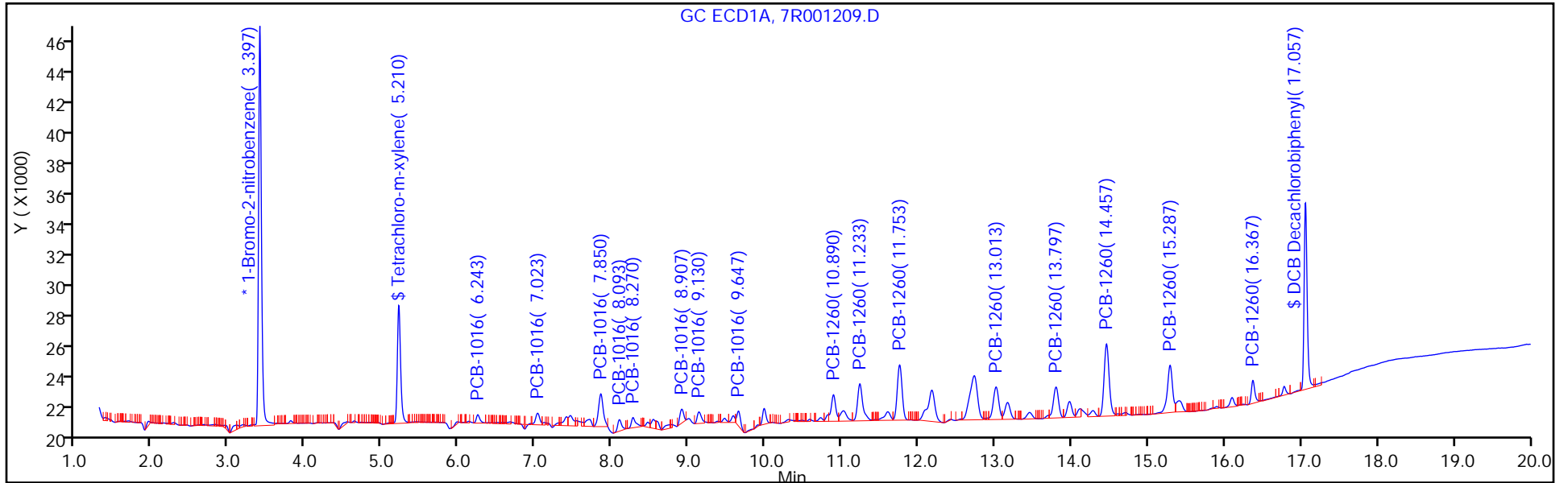
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001210.D  
 Lims ID: IC PCB 2  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 21-Jan-2019 18:09:43 ALS Bottle#: 7 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-004  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:10:59 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:10:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	61496	20.0	20.0	
2	2.863	2.863	0.000	34989	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.213	5.210	0.003	96863	50.0	54.7	M
2	4.263	4.263	0.000	103407	50.0	54.2	M
						RPD = 0.85	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	6.243	6.243	0.000	22283	500.0	595.7	M
1	7.027	7.023	0.004	35218	500.0	605.7	M
1	7.850	7.850	0.000	78615	500.0	564.3	M
1	8.093	8.093	0.000	30589	500.0	579.2	M
1	8.270	8.270	0.000	30603	500.0	592.5	M
1	8.920	8.907	0.013	28478	500.0	600.8	M
1	9.130	9.130	0.000	37975	500.0	622.5	M
1	9.647	9.647	0.000	30799	500.0	575.8	M

Average of Peak Amounts = 592.1

2	4.990	4.990	0.000	27369	500.0	573.3	M
2	5.643	5.643	0.000	53606	500.0	574.7	M
2	5.990	5.990	0.000	34188	500.0	572.7	M
2	6.457	6.460	-0.003	94173	500.0	557.5	M
2	6.690	6.693	-0.003	42749	500.0	556.7	M
2	6.793	6.790	0.003	26899	500.0	545.5	M
2	7.400	7.400	0.000	41346	500.0	553.1	M
2	8.040	8.043	-0.003	25467	500.0	550.3	M

Average of Peak Amounts = 560.5

RPD = 5.48

8 PCB-1260

							M
1	10.890	10.890	0.000	76321	500.0	570.1	M
1	11.233	11.233	0.000	122223	500.0	570.1	M
1	11.757	11.753	0.004	182092	500.0	564.6	M
1	13.013	13.013	0.000	127079	500.0	575.3	M
1	13.797	13.797	0.000	117748	500.0	586.3	M
1	14.457	14.457	0.000	233541	500.0	560.8	M
1	15.287	15.287	0.000	166507	500.0	565.4	
1	16.370	16.367	0.003	51160	500.0	561.4	

Average of Peak Amounts = 569.2

2	9.433	9.437	-0.004	64870	500.0	574.5	M
2	10.343	10.347	-0.004	107895	500.0	560.1	M
2	10.563	10.563	0.000	52409	500.0	572.6	M
2	11.030	11.030	0.000	56367	500.0	567.9	M
2	11.743	11.743	0.000	125032	500.0	569.0	M
2	12.470	12.470	0.000	64452	500.0	550.6	M
2	12.733	12.733	0.000	33087	500.0	560.0	M
2	14.180	14.180	0.000	29868	500.0	557.9	M

Average of Peak Amounts = 564.1

RPD = 0.91

\$ 11 DCB Decachlorobiphenyl

1	17.057	17.057	0.000	139255	50.0	54.3	
2	15.273	15.273	0.000	116816	50.0	54.3	

RPD = 0.07

S 12 Polychlorinated biphenyls, Total

1						1161.3	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L2\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001210.D

Injection Date: 21-Jan-2019 18:09:43

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 4

Client ID:

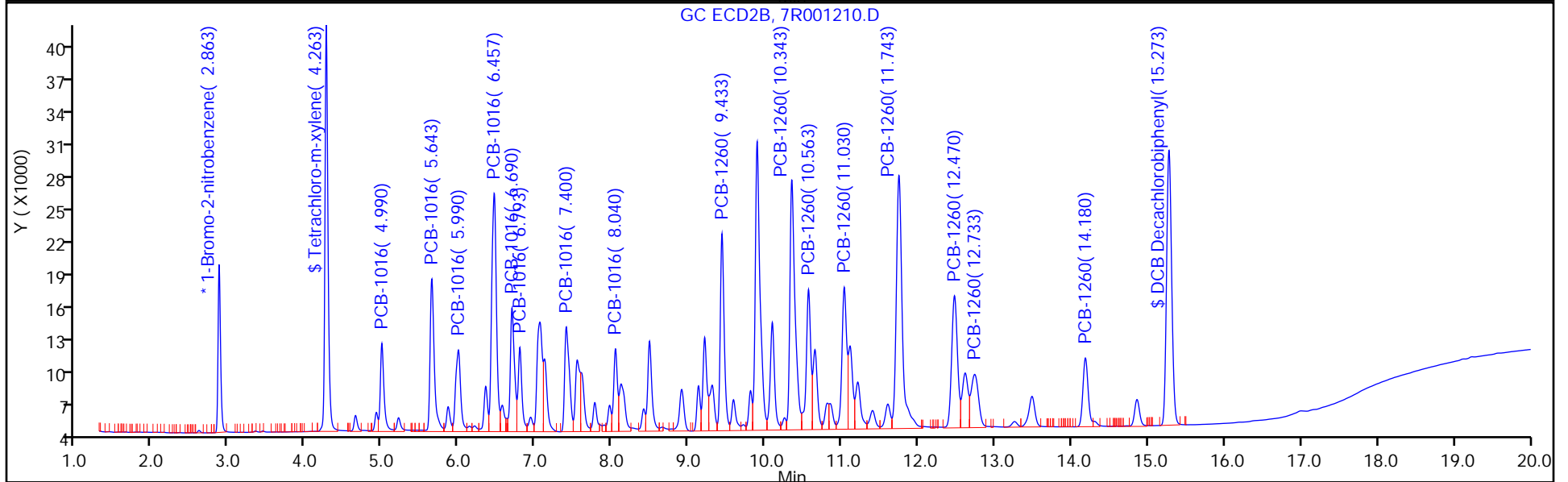
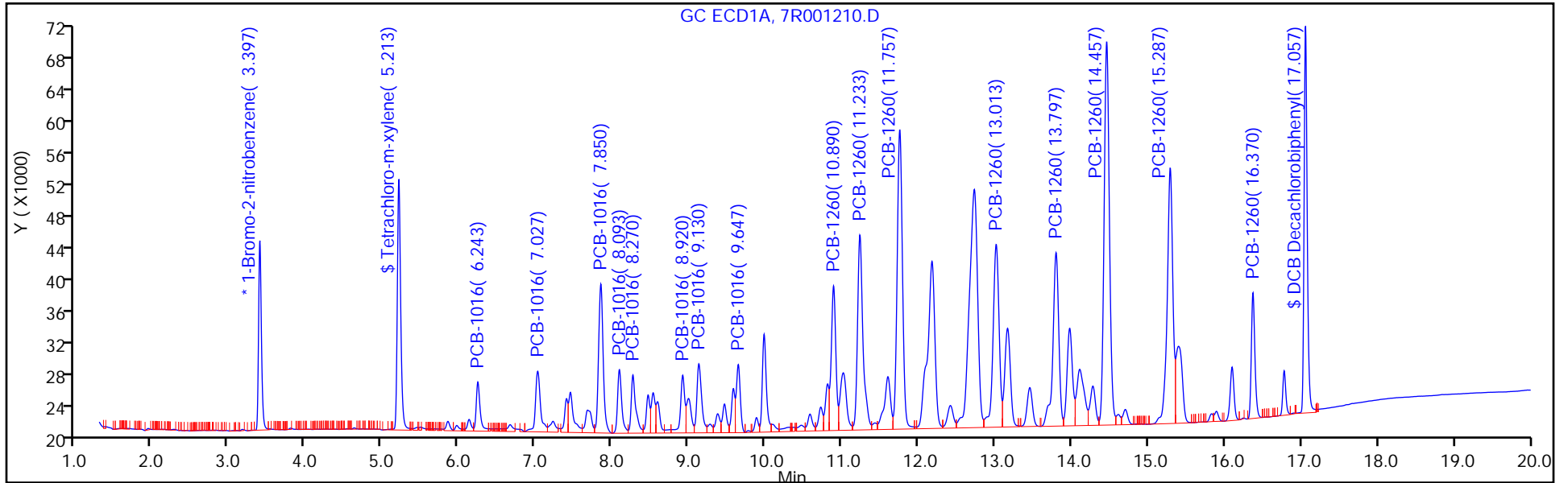
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001211.D  
 Lims ID: IC PCB 4  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 21-Jan-2019 18:33:33 ALS Bottle#: 8 Worklist Smp#: 5  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-005  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:04 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:11:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	58326	20.0	20.0	
2	2.863	2.863	0.000	33283	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.213	5.210	0.003	235932	150.0	140.5	M
2	4.263	4.263	0.000	271473	150.0	149.7	M
						RPD = 6.35	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	6.243	6.243	0.000	49735	1500.0	1402.0	M
1	7.027	7.023	0.004	75482	1500.0	1368.7	M
1	7.850	7.850	0.000	169432	1500.0	1282.3	M
1	8.093	8.093	0.000	70199	1500.0	1401.5	M
1	8.270	8.270	0.000	67226	1500.0	1372.3	M
1	8.920	8.907	0.013	56052	1500.0	1246.9	M
1	9.130	9.130	0.000	80128	1500.0	1385.0	M
1	9.647	9.647	0.000	66263	1500.0	1306.2	M

Average of Peak Amounts = 1345.6

2	4.990	4.990	0.000	61961	1500.0	1364.5	M
2	5.640	5.643	-0.003	118175	1500.0	1331.8	M
2	5.990	5.990	0.000	77946	1500.0	1372.6	M
2	6.457	6.460	-0.003	222959	1500.0	1387.6	M
2	6.690	6.693	-0.003	98503	1500.0	1348.6	M
2	6.793	6.790	0.003	62891	1500.0	1340.8	M
2	7.397	7.400	-0.003	98508	1500.0	1385.4	M
2	8.040	8.043	-0.003	58106	1500.0	1319.9	M

Average of Peak Amounts = 1356.4

RPD = 0.80

8 PCB-1260

							M
1	10.893	10.890	0.003	176491	1500.0	1390.0	M
1	11.233	11.233	0.000	275496	1500.0	1354.8	M
1	11.757	11.753	0.004	428473	1500.0	1400.9	M
1	13.017	13.013	0.004	299449	1500.0	1429.2	
1	13.797	13.797	0.000	279964	1500.0	1469.8	
1	14.460	14.457	0.003	556256	1500.0	1408.3	
1	15.290	15.287	0.003	397248	1500.0	1422.2	
1	16.370	16.367	0.003	122743	1500.0	1420.2	

Average of Peak Amounts = 1411.9

2	9.433	9.437	-0.004	146934	1500.0	1368.0	M
2	10.347	10.347	0.000	256196	1500.0	1398.0	M
2	10.563	10.563	0.000	121609	1500.0	1396.8	M
2	11.030	11.030	0.000	132977	1500.0	1408.4	M
2	11.743	11.743	0.000	302889	1500.0	1449.1	M
2	12.470	12.470	0.000	162859	1500.0	1462.5	M
2	12.733	12.733	0.000	80858	1500.0	1438.7	M
2	14.180	14.180	0.000	74700	1500.0	1466.7	M

Average of Peak Amounts = 1423.5

RPD = 0.82

\$ 11 DCB Decachlorobiphenyl

1	17.057	17.057	0.000	336527	150.0	138.3	
2	15.270	15.273	-0.003	286791	150.0	140.0	

RPD = 1.22

S 12 Polychlorinated biphenyls, Total

1						2757.5	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001211.D

Injection Date: 21-Jan-2019 18:33:33

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

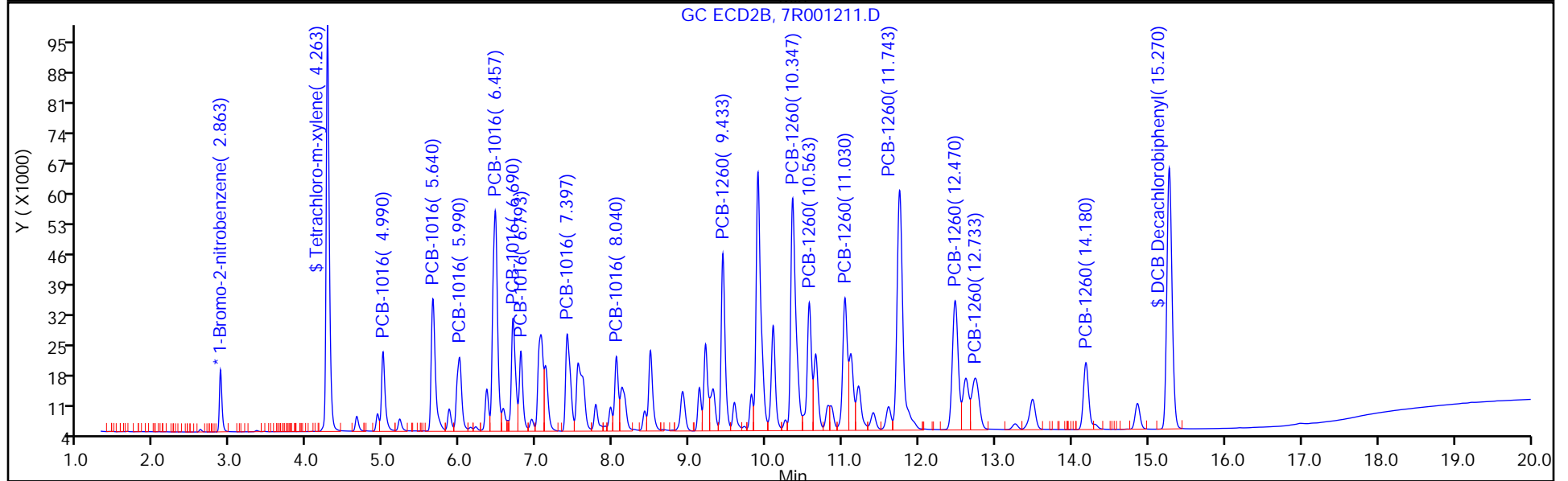
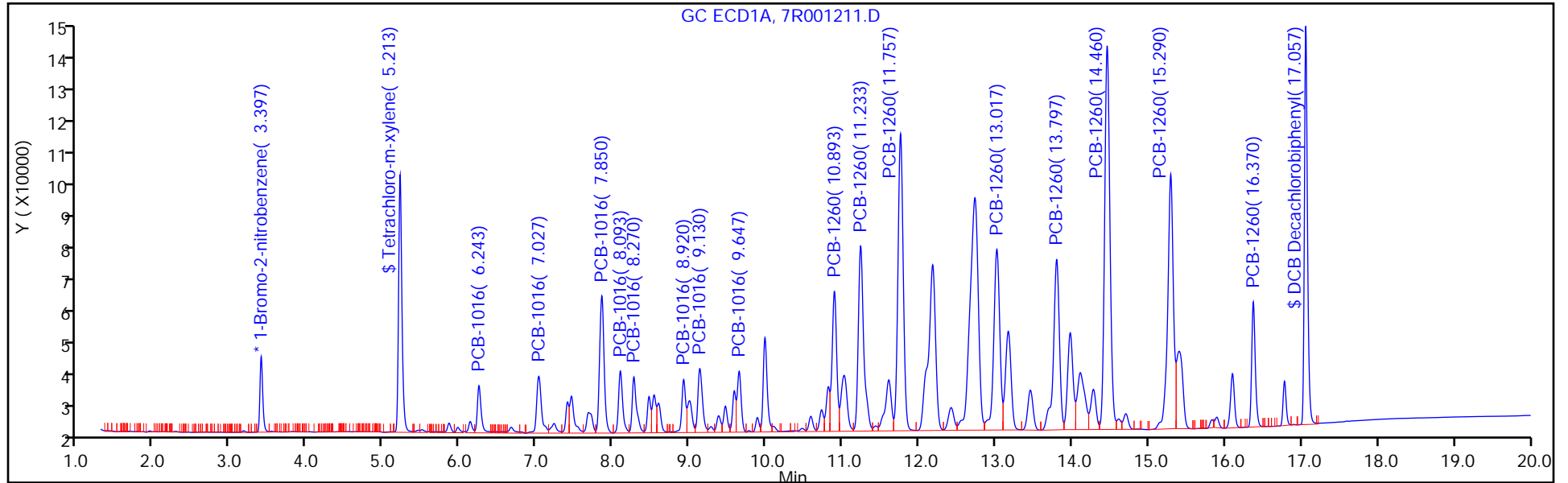
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001212.D  
 Lims ID: IC PCB 5  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 21-Jan-2019 18:57:27 ALS Bottle#: 9 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-006  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:08 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 09:11:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	57071	20.0	20.0	
2	2.863	2.863	0.000	32520	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.213	5.210	0.003	356285	200.0	216.8	M
2	4.263	4.263	0.000	414488	200.0	233.9	
						RPD = 7.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	6.243	6.243	0.000	86895	2500.0	2503.3	M
1	7.027	7.023	0.004	131434	2500.0	2435.6	
1	7.850	7.850	0.000	296488	2500.0	2293.3	
1	8.093	8.093	0.000	127417	2500.0	2599.7	
1	8.270	8.270	0.000	120616	2500.0	2516.4	
1	8.920	8.907	0.013	96745	2500.0	2199.5	
1	9.133	9.130	0.003	140925	2500.0	2489.4	
1	9.647	9.647	0.000	118350	2500.0	2384.3	

Average of Peak Amounts = 2427.7

2	4.987	4.990	-0.003	108035	2500.0	2435.0	
2	5.640	5.643	-0.003	206731	2500.0	2384.5	M
2	5.987	5.990	-0.003	140317	2500.0	2529.0	M
2	6.457	6.460	-0.003	407378	2500.0	2594.9	M
2	6.687	6.693	-0.006	178571	2500.0	2502.1	M
2	6.793	6.790	0.003	118025	2500.0	2575.3	M
2	7.397	7.400	-0.003	182017	2500.0	2620.0	M
2	8.040	8.043	-0.003	105909	2500.0	2462.2	M

Average of Peak Amounts = 2512.9

RPD = 3.45

8 PCB-1260

							M
1	10.893	10.890	0.003	324168	2500.0	2609.2	
1	11.233	11.233	0.000	499975	2500.0	2512.8	
1	11.757	11.753	0.004	805262	2500.0	2690.6	
1	13.017	13.013	0.004	556594	2500.0	2715.0	
1	13.797	13.797	0.000	518226	2500.0	2780.5	
1	14.460	14.457	0.003	1038600	2500.0	2687.3	
1	15.290	15.287	0.003	740066	2500.0	2707.7	
1	16.370	16.367	0.003	228939	2500.0	2707.2	

Average of Peak Amounts = 2676.3

2	9.430	9.437	-0.007	265566	2500.0	2530.4	M
2	10.343	10.347	-0.004	471490	2500.0	2633.2	M
2	10.563	10.563	0.000	220458	2500.0	2591.6	M
2	11.030	11.030	0.000	247481	2500.0	2682.6	M
2	11.743	11.743	0.000	562568	2500.0	2754.7	M
2	12.470	12.470	0.000	308095	2500.0	2831.7	
2	12.730	12.733	-0.003	151398	2500.0	2756.9	
2	14.180	14.180	0.000	142980	2500.0	2873.3	

Average of Peak Amounts = 2706.8

RPD = 1.13

\$ 11 DCB Decachlorobiphenyl

1	17.057	17.057	0.000	512714	200.0	215.4	
2	15.270	15.273	-0.003	431768	200.0	215.8	

RPD = 0.17

S 12 Polychlorinated biphenyls, Total

1						5104.0	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L5\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001212.D

Injection Date: 21-Jan-2019 18:57:27

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

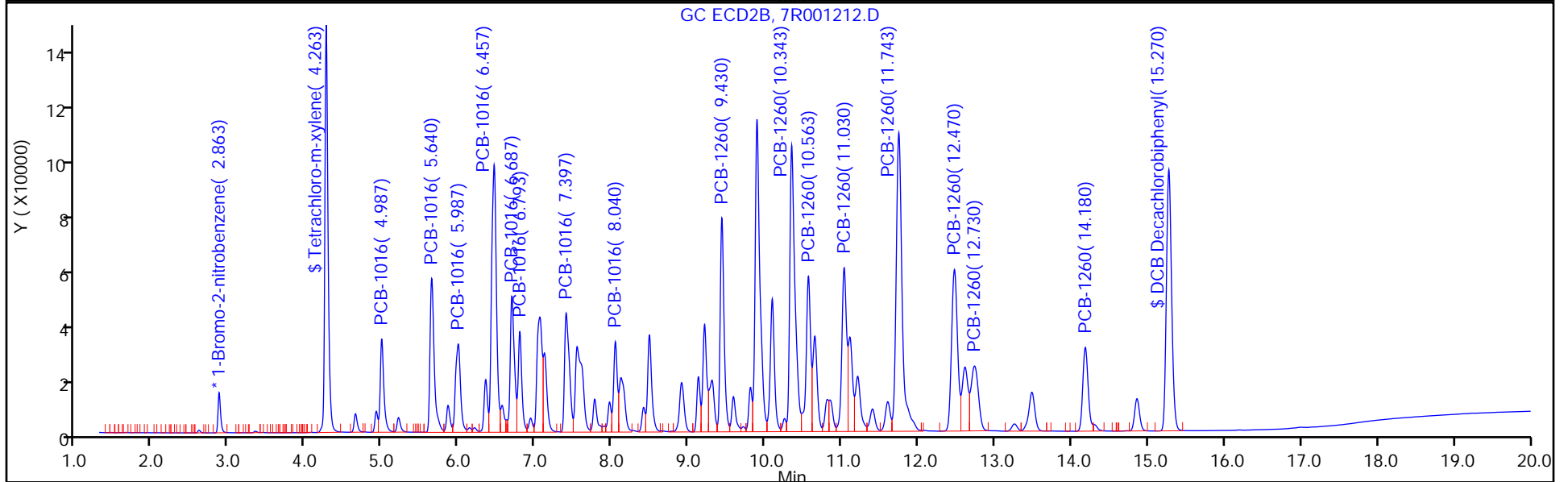
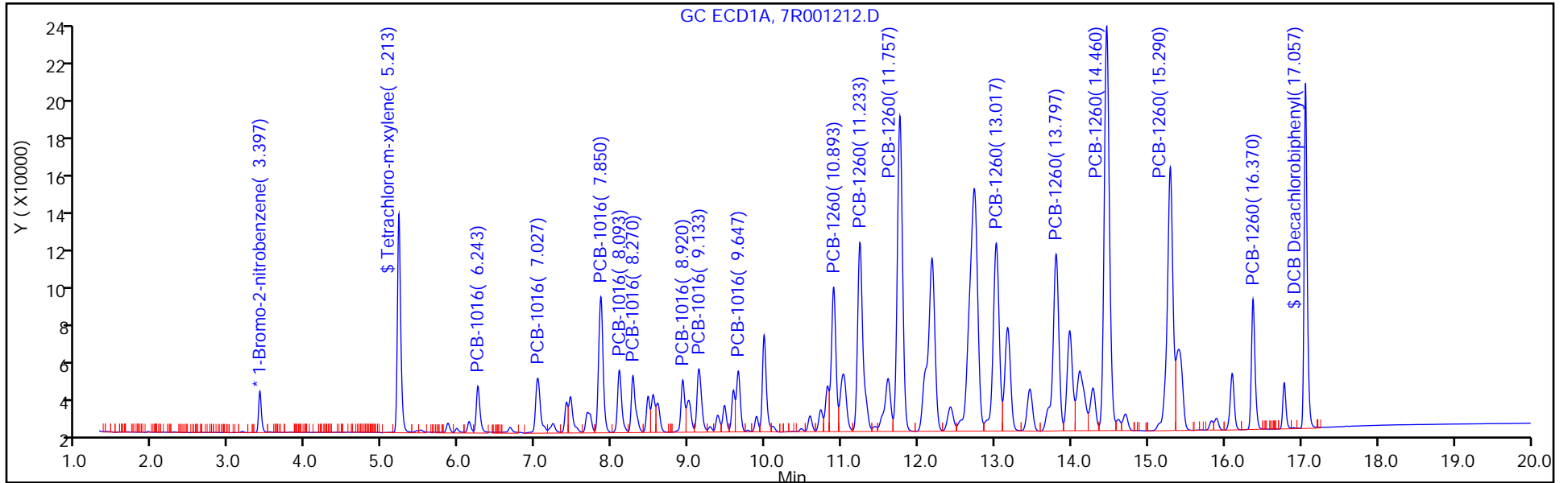
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 19:45 Calibration End Date: 01/21/2019 19:45 Calibration ID: 72967

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/8	7R001214.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	0.0017				Ave		0.0017						20.0			0.9900
PCB-1221 Peak 2	0.0027				Ave		0.0027						20.0			0.9900
PCB-1221 Peak 3	0.0052				Ave		0.0052						20.0			0.9900
PCB-1221 Peak 4	0.0195				Ave		0.0195						20.0			0.9900
PCB-1221 Peak 5	0.0030				Ave		0.0030						20.0			0.9900
PCB-1221 Peak 6	0.0066				Ave		0.0066						20.0			0.9900
PCB-1221 Peak 7	0.0014				Ave		0.0014						20.0			0.9900
PCB-1221 Peak 8	0.0015				Ave		0.0015						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 19:45 Calibration End Date: 01/21/2019 19:45 Calibration ID: 72967

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/8	7R001214.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	4885					1000				
PCB-1221 Peak 2	BNB	Ave	7987					1000				
PCB-1221 Peak 3	BNB	Ave	15404					1000				
PCB-1221 Peak 4	BNB	Ave	57827					1000				
PCB-1221 Peak 5	BNB	Ave	9022					1000				
PCB-1221 Peak 6	BNB	Ave	19386					1000				
PCB-1221 Peak 7	BNB	Ave	4123					1000				
PCB-1221 Peak 8	BNB	Ave	4508					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001214.D  
 Lims ID: IC 1221  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 19:45:16 ALS Bottle#: 11 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-008  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:15 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:19:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	3.397	3.397	0.000	59179	20.0	20.0	M
2	2.863	2.863	0.000	34072	20.0	20.0	

RPD = 0.00

1 PCB-1221							M
1	4.320	4.320	0.000	4885	1000.0	1000.0	M
1	5.850	5.850	0.000	7987	1000.0	1000.0	M
1	6.130	6.130	0.000	15404	1000.0	1000.0	
1	6.243	6.243	0.000	57827	1000.0	1000.0	
1	7.113	7.113	0.000	9022	1000.0	1000.0	
1	7.850	7.850	0.000	19386	1000.0	1000.0	
1	8.093	8.093	0.000	4123	1000.0	1000.0	
1	8.267	8.267	0.000	4508	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	3.333	3.333	0.000	24666	1000.0	1000.0	M
2	4.643	4.643	0.000	23980	1000.0	1000.0	M
2	4.917	4.917	0.000	17380	1000.0	1000.0	M
2	4.987	4.987	0.000	76402	1000.0	1000.0	M
2	5.643	5.643	0.000	8834	1000.0	1000.0	M
2	5.857	5.857	0.000	13831	1000.0	1000.0	M
2	6.460	6.460	0.000	13433	1000.0	1000.0	M
2	6.690	6.690	0.000	5848	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00



### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1221L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001214.D

Injection Date: 21-Jan-2019 19:45:16

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

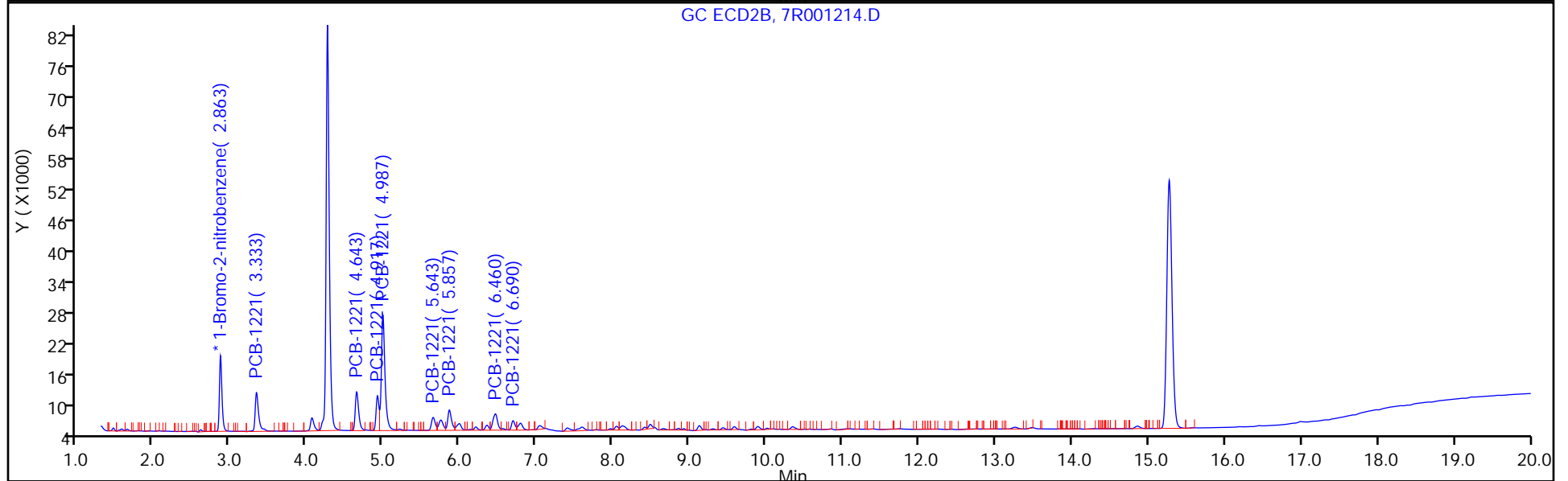
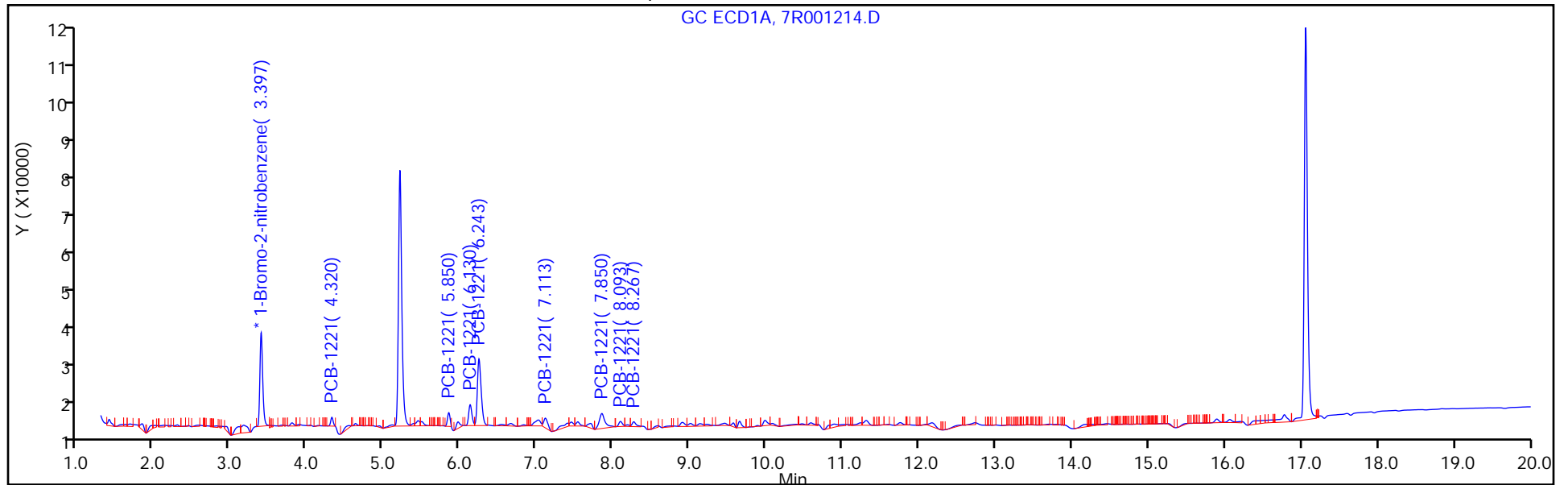
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 19:45 Calibration End Date: 01/21/2019 19:45 Calibration ID: 72968

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/8	7R001214.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	0.0145				Ave		0.0145						20.0			0.9900
PCB-1221 Peak 2	0.0141				Ave		0.0141						20.0			0.9900
PCB-1221 Peak 3	0.0102				Ave		0.0102						20.0			0.9900
PCB-1221 Peak 4	0.0448				Ave		0.0448						20.0			0.9900
PCB-1221 Peak 5	0.0052				Ave		0.0052						20.0			0.9900
PCB-1221 Peak 6	0.0081				Ave		0.0081						20.0			0.9900
PCB-1221 Peak 7	0.0079				Ave		0.0079						20.0			0.9900
PCB-1221 Peak 8	0.0034				Ave		0.0034						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 19:45 Calibration End Date: 01/21/2019 19:45 Calibration ID: 72968

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/8	7R001214.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1221 Peak 1	BNB	Ave	24666						1000				
PCB-1221 Peak 2	BNB	Ave	23980						1000				
PCB-1221 Peak 3	BNB	Ave	17380						1000				
PCB-1221 Peak 4	BNB	Ave	76402						1000				
PCB-1221 Peak 5	BNB	Ave	8834						1000				
PCB-1221 Peak 6	BNB	Ave	13831						1000				
PCB-1221 Peak 7	BNB	Ave	13433						1000				
PCB-1221 Peak 8	BNB	Ave	5848						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001214.D  
 Lims ID: IC 1221  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 19:45:16 ALS Bottle#: 11 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-008  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:15 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:19:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	3.397	3.397	0.000	59179	20.0	20.0	M
2	2.863	2.863	0.000	34072	20.0	20.0	

RPD = 0.00

1 PCB-1221							M
1	4.320	4.320	0.000	4885	1000.0	1000.0	M
1	5.850	5.850	0.000	7987	1000.0	1000.0	M
1	6.130	6.130	0.000	15404	1000.0	1000.0	
1	6.243	6.243	0.000	57827	1000.0	1000.0	
1	7.113	7.113	0.000	9022	1000.0	1000.0	
1	7.850	7.850	0.000	19386	1000.0	1000.0	
1	8.093	8.093	0.000	4123	1000.0	1000.0	
1	8.267	8.267	0.000	4508	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	3.333	3.333	0.000	24666	1000.0	1000.0	M
2	4.643	4.643	0.000	23980	1000.0	1000.0	M
2	4.917	4.917	0.000	17380	1000.0	1000.0	M
2	4.987	4.987	0.000	76402	1000.0	1000.0	M
2	5.643	5.643	0.000	8834	1000.0	1000.0	M
2	5.857	5.857	0.000	13831	1000.0	1000.0	M
2	6.460	6.460	0.000	13433	1000.0	1000.0	M
2	6.690	6.690	0.000	5848	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1221L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001214.D

Injection Date: 21-Jan-2019 19:45:16

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

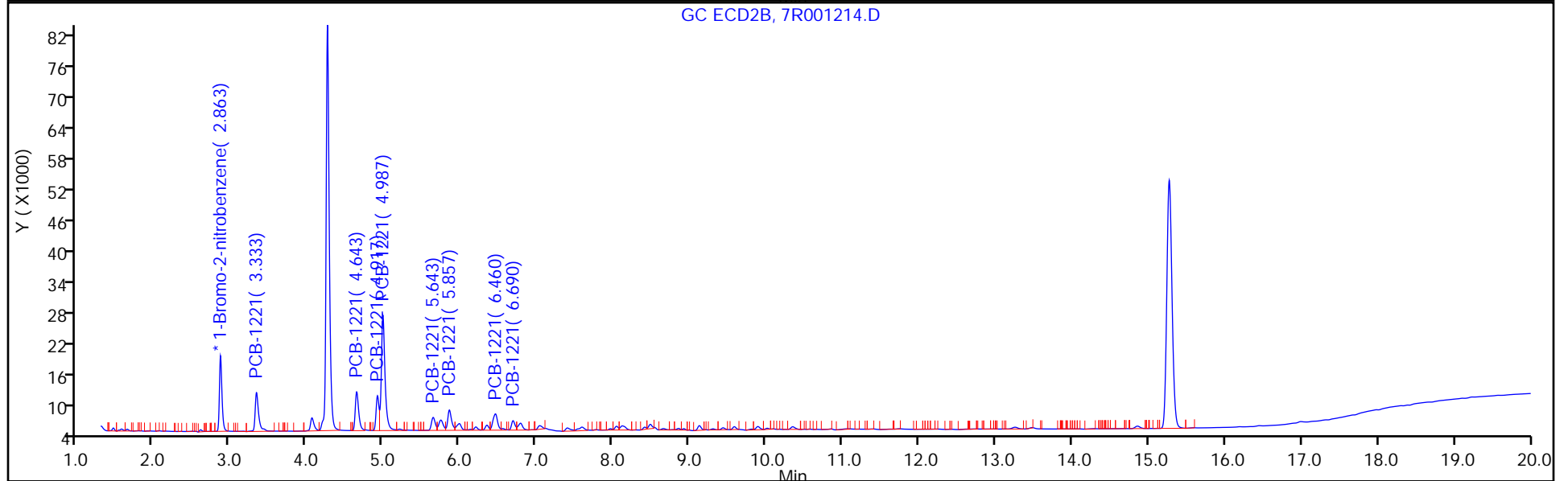
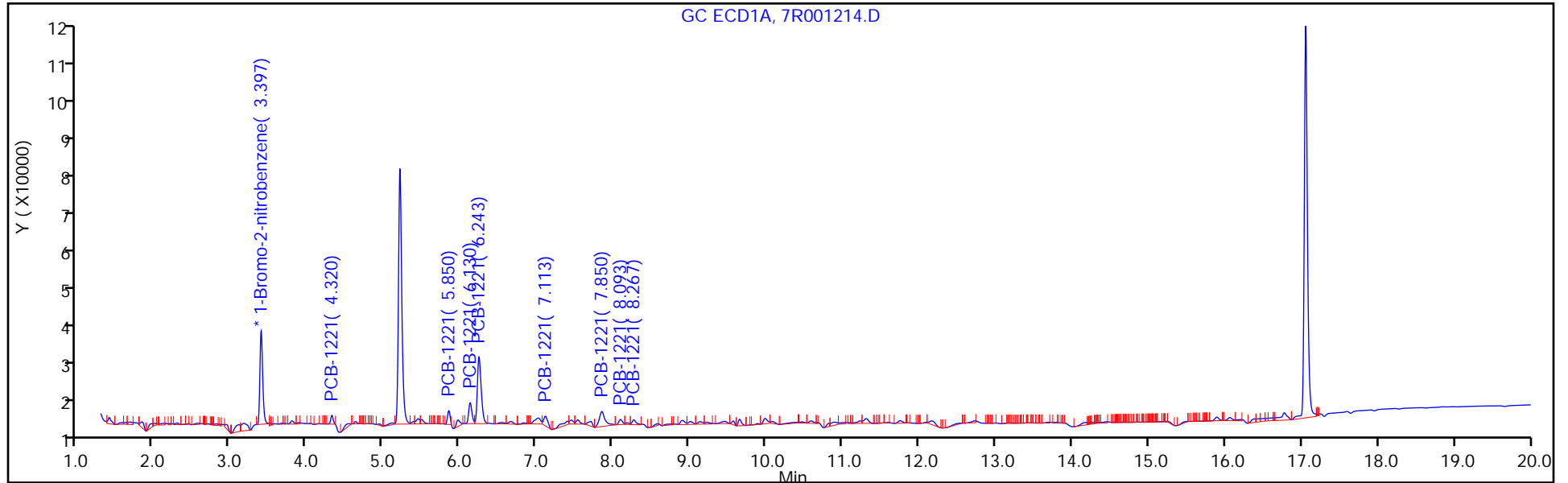
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:09 Calibration End Date: 01/21/2019 20:09 Calibration ID: 72973

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/9	7R001215.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	0.0182				Ave		0.0182						20.0			0.9900
PCB-1232 Peak 2	0.0121				Ave		0.0121						20.0			0.9900
PCB-1232 Peak 3	0.0265				Ave		0.0265						20.0			0.9900
PCB-1232 Peak 4	0.0115				Ave		0.0115						20.0			0.9900
PCB-1232 Peak 5	0.0108				Ave		0.0108						20.0			0.9900
PCB-1232 Peak 6	0.0086				Ave		0.0086						20.0			0.9900
PCB-1232 Peak 7	0.0136				Ave		0.0136						20.0			0.9900
PCB-1232 Peak 8	0.0132				Ave		0.0132						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:09 Calibration End Date: 01/21/2019 20:09 Calibration ID: 72973

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/9	7R001215.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	59504					1000				
PCB-1232 Peak 2	BNB	Ave	39520					1000				
PCB-1232 Peak 3	BNB	Ave	86600					1000				
PCB-1232 Peak 4	BNB	Ave	37595					1000				
PCB-1232 Peak 5	BNB	Ave	35387					1000				
PCB-1232 Peak 6	BNB	Ave	28009					1000				
PCB-1232 Peak 7	BNB	Ave	44308					1000				
PCB-1232 Peak 8	BNB	Ave	43304					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001215.D  
 Lims ID: IC 1232  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 20:09:13 ALS Bottle#: 12 Worklist Smp#: 9  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-009  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub3  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:18 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:24:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	65373	20.0	20.0	
2	2.863	2.863	0.000	33462	20.0	20.0	

RPD = 0.00

3 PCB-1232

1	6.243	6.243	0.000	59504	1000.0	1000.0	M
1	7.027	7.027	0.000	39520	1000.0	1000.0	M
1	7.850	7.850	0.000	86600	1000.0	1000.0	
1	8.093	8.093	0.000	37595	1000.0	1000.0	
1	8.270	8.270	0.000	35387	1000.0	1000.0	
1	8.920	8.920	0.000	28009	1000.0	1000.0	
1	9.583	9.583	0.000	44308	1000.0	1000.0	
1	9.650	9.650	0.000	43304	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	4.987	4.987	0.000	68613	1000.0	1000.0	M
2	5.643	5.643	0.000	54608	1000.0	1000.0	M
2	5.990	5.990	0.000	36461	1000.0	1000.0	M
2	6.457	6.457	0.000	99500	1000.0	1000.0	M
2	6.690	6.690	0.000	44695	1000.0	1000.0	M
2	7.400	7.400	0.000	40750	1000.0	1000.0	M
2	8.143	8.143	0.000	62253	1000.0	1000.0	M
2	8.473	8.473	0.000	31137	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1232L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001215.D

Injection Date: 21-Jan-2019 20:09:13

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

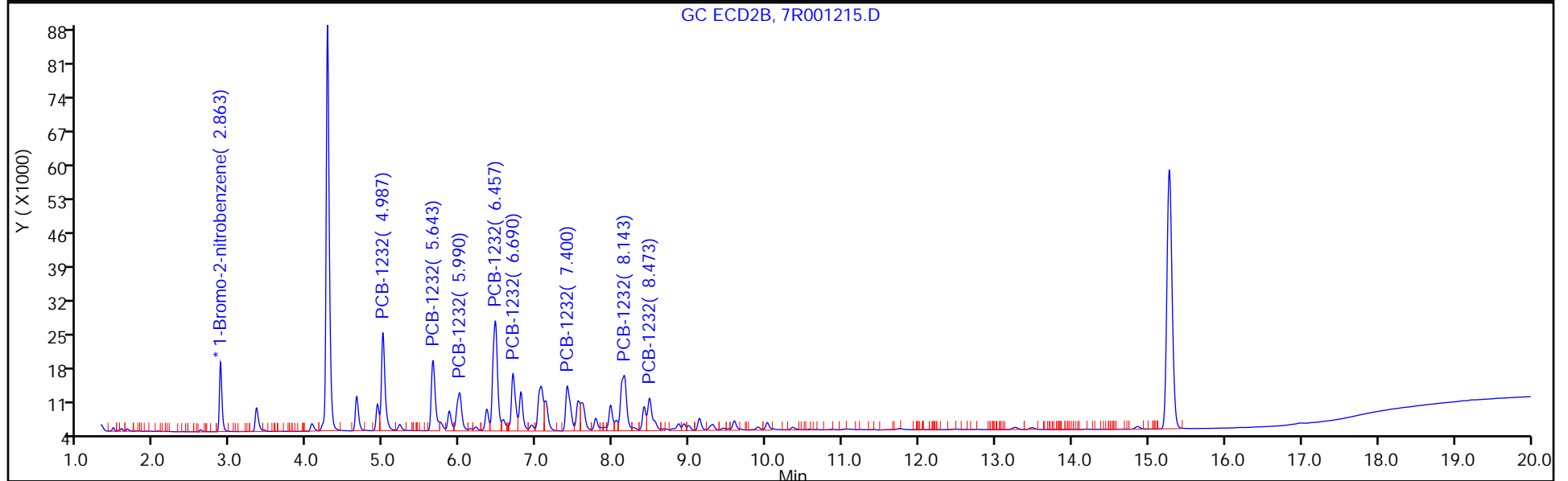
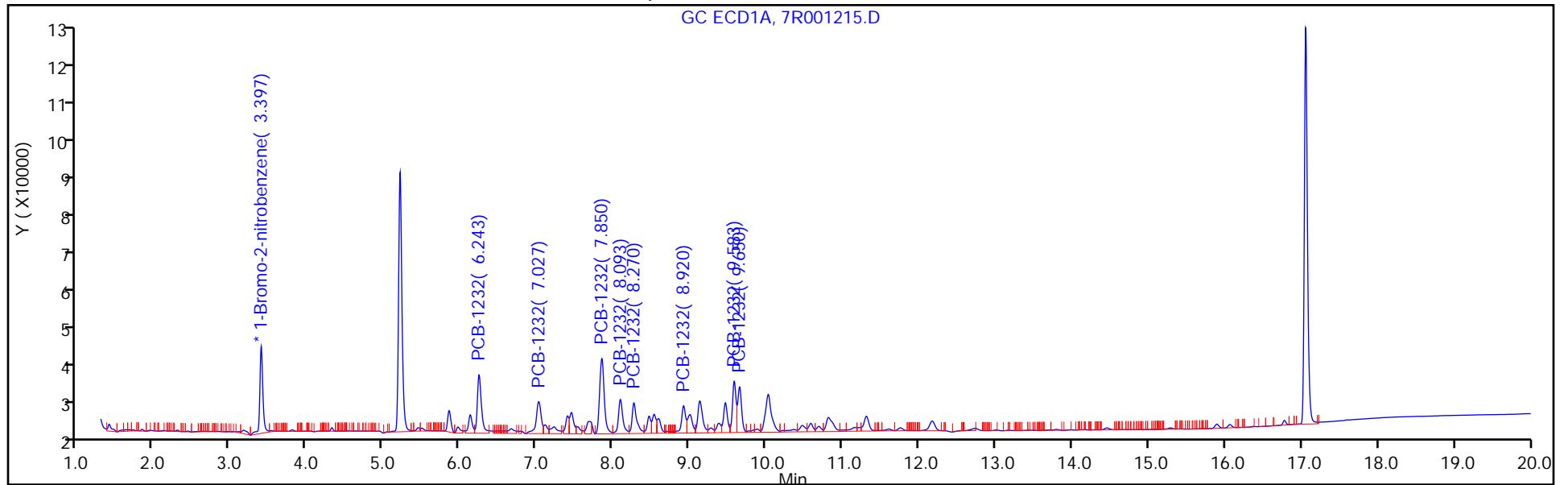
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:09 Calibration End Date: 01/21/2019 20:09 Calibration ID: 72974

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/9	7R001215.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	0.0410				Ave		0.0410						20.0			0.9900
PCB-1232 Peak 2	0.0326				Ave		0.0326						20.0			0.9900
PCB-1232 Peak 3	0.0218				Ave		0.0218						20.0			0.9900
PCB-1232 Peak 4	0.0595				Ave		0.0595						20.0			0.9900
PCB-1232 Peak 5	0.0267				Ave		0.0267						20.0			0.9900
PCB-1232 Peak 6	0.0244				Ave		0.0244						20.0			0.9900
PCB-1232 Peak 7	0.0372				Ave		0.0372						20.0			0.9900
PCB-1232 Peak 8	0.0186				Ave		0.0186						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:09 Calibration End Date: 01/21/2019 20:09 Calibration ID: 72974

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/9	7R001215.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1232 Peak 1	BNB	Ave	68613						1000				
PCB-1232 Peak 2	BNB	Ave	54608						1000				
PCB-1232 Peak 3	BNB	Ave	36461						1000				
PCB-1232 Peak 4	BNB	Ave	99500						1000				
PCB-1232 Peak 5	BNB	Ave	44695						1000				
PCB-1232 Peak 6	BNB	Ave	40750						1000				
PCB-1232 Peak 7	BNB	Ave	62253						1000				
PCB-1232 Peak 8	BNB	Ave	31137						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001215.D  
 Lims ID: IC 1232  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 20:09:13 ALS Bottle#: 12 Worklist Smp#: 9  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-009  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub3  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:18 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:24:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	65373	20.0	20.0	
2	2.863	2.863	0.000	33462	20.0	20.0	

RPD = 0.00

3 PCB-1232

1	6.243	6.243	0.000	59504	1000.0	1000.0	M
1	7.027	7.027	0.000	39520	1000.0	1000.0	M
1	7.850	7.850	0.000	86600	1000.0	1000.0	
1	8.093	8.093	0.000	37595	1000.0	1000.0	
1	8.270	8.270	0.000	35387	1000.0	1000.0	
1	8.920	8.920	0.000	28009	1000.0	1000.0	
1	9.583	9.583	0.000	44308	1000.0	1000.0	
1	9.650	9.650	0.000	43304	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	4.987	4.987	0.000	68613	1000.0	1000.0	M
2	5.643	5.643	0.000	54608	1000.0	1000.0	M
2	5.990	5.990	0.000	36461	1000.0	1000.0	M
2	6.457	6.457	0.000	99500	1000.0	1000.0	M
2	6.690	6.690	0.000	44695	1000.0	1000.0	M
2	7.400	7.400	0.000	40750	1000.0	1000.0	M
2	8.143	8.143	0.000	62253	1000.0	1000.0	M
2	8.473	8.473	0.000	31137	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1232L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001215.D

Injection Date: 21-Jan-2019 20:09:13

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

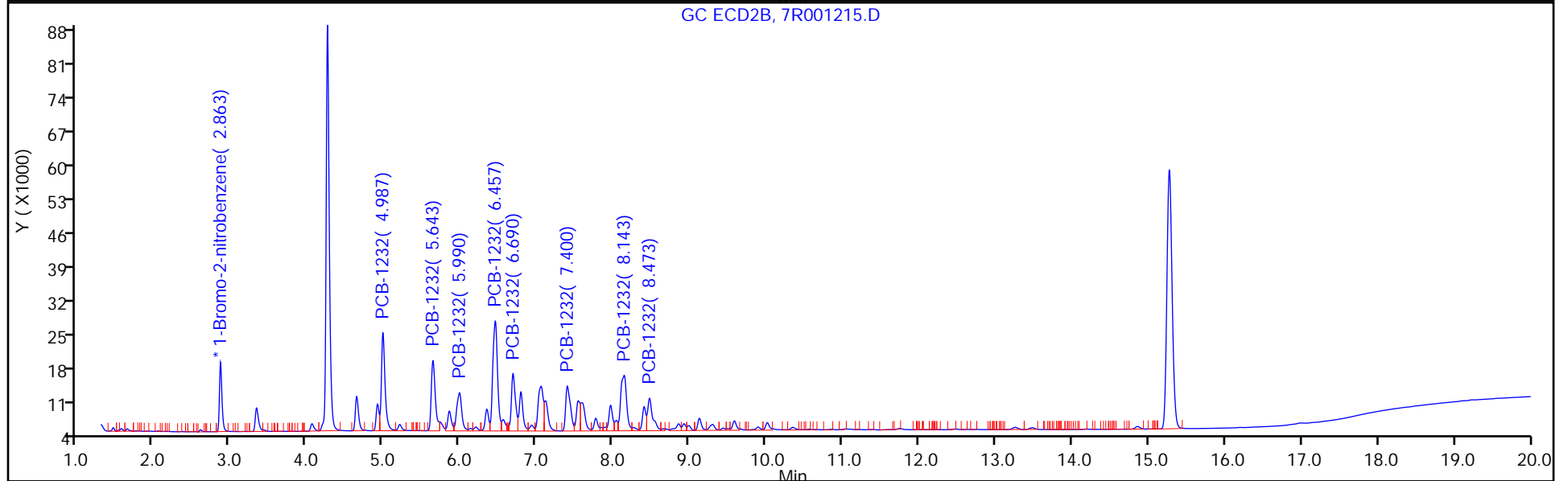
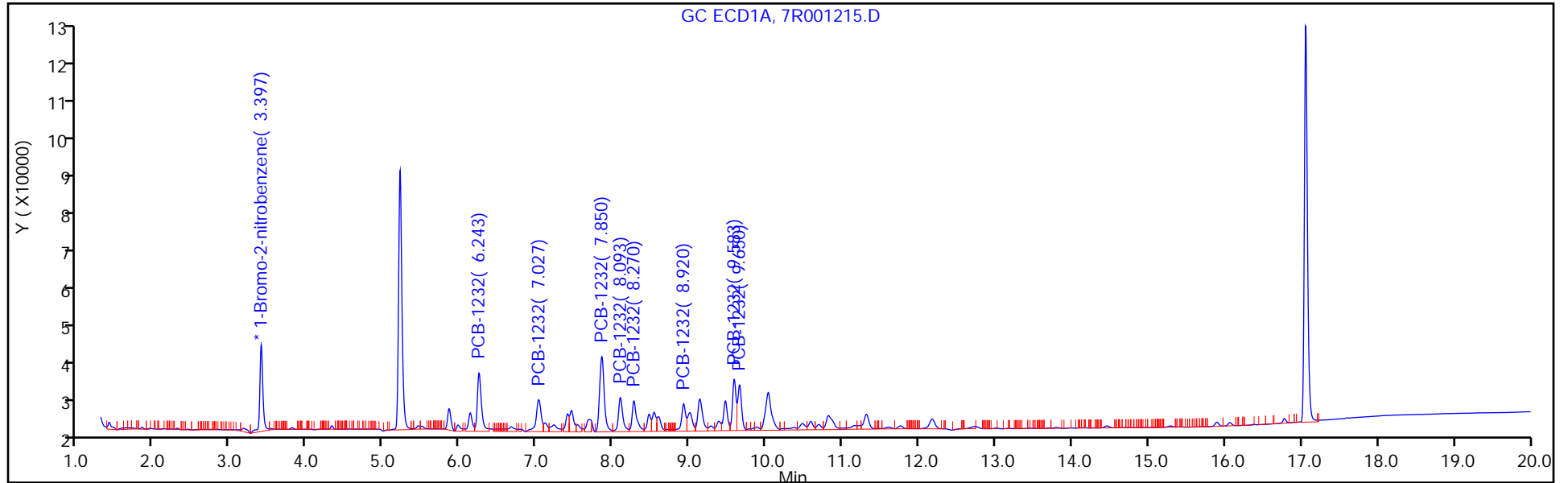
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:33 Calibration End Date: 01/21/2019 20:33 Calibration ID: 72979

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/10	7R001216.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	0.0106				Ave		0.0106						20.0			0.9900
PCB-1242 Peak 2	0.0166				Ave		0.0166						20.0			0.9900
PCB-1242 Peak 3	0.0368				Ave		0.0368						20.0			0.9900
PCB-1242 Peak 4	0.0152				Ave		0.0152						20.0			0.9900
PCB-1242 Peak 5	0.0144				Ave		0.0144						20.0			0.9900
PCB-1242 Peak 6	0.0174				Ave		0.0174						20.0			0.9900
PCB-1242 Peak 7	0.0219				Ave		0.0219						20.0			0.9900
PCB-1242 Peak 8	0.0219				Ave		0.0219						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:33 Calibration End Date: 01/21/2019 20:33 Calibration ID: 72979

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/10	7R001216.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	32810					1000				
PCB-1242 Peak 2	BNB	Ave	51695					1000				
PCB-1242 Peak 3	BNB	Ave	114338					1000				
PCB-1242 Peak 4	BNB	Ave	47352					1000				
PCB-1242 Peak 5	BNB	Ave	44761					1000				
PCB-1242 Peak 6	BNB	Ave	53958					1000				
PCB-1242 Peak 7	BNB	Ave	68035					1000				
PCB-1242 Peak 8	BNB	Ave	68148					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001216.D  
 Lims ID: IC 1242  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 20:33:04 ALS Bottle#: 13 Worklist Smp#: 10  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-010  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:21 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:25:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	62117	20.0	20.0	
2	2.863	2.863	0.000	35556	20.0	20.0	

RPD = 0.00

4 PCB-1242

1	6.243	6.243	0.000	32810	1000.0	1000.0	M
1	7.027	7.027	0.000	51695	1000.0	1000.0	M
1	7.850	7.850	0.000	114338	1000.0	1000.0	M
1	8.093	8.093	0.000	47352	1000.0	1000.0	M
1	8.270	8.270	0.000	44761	1000.0	1000.0	M
1	9.130	9.130	0.000	53958	1000.0	1000.0	M
1	9.583	9.583	0.000	68035	1000.0	1000.0	M
1	9.653	9.653	0.000	68148	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	4.990	4.990	0.000	41587	1000.0	1000.0	M
2	5.643	5.643	0.000	78569	1000.0	1000.0	M
2	5.990	5.990	0.000	50426	1000.0	1000.0	M
2	6.460	6.460	0.000	142954	1000.0	1000.0	M
2	6.690	6.690	0.000	63910	1000.0	1000.0	M
2	7.400	7.400	0.000	64649	1000.0	1000.0	
2	8.143	8.143	0.000	100353	1000.0	1000.0	M
2	8.477	8.477	0.000	53615	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1242L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001216.D

Injection Date: 21-Jan-2019 20:33:04

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

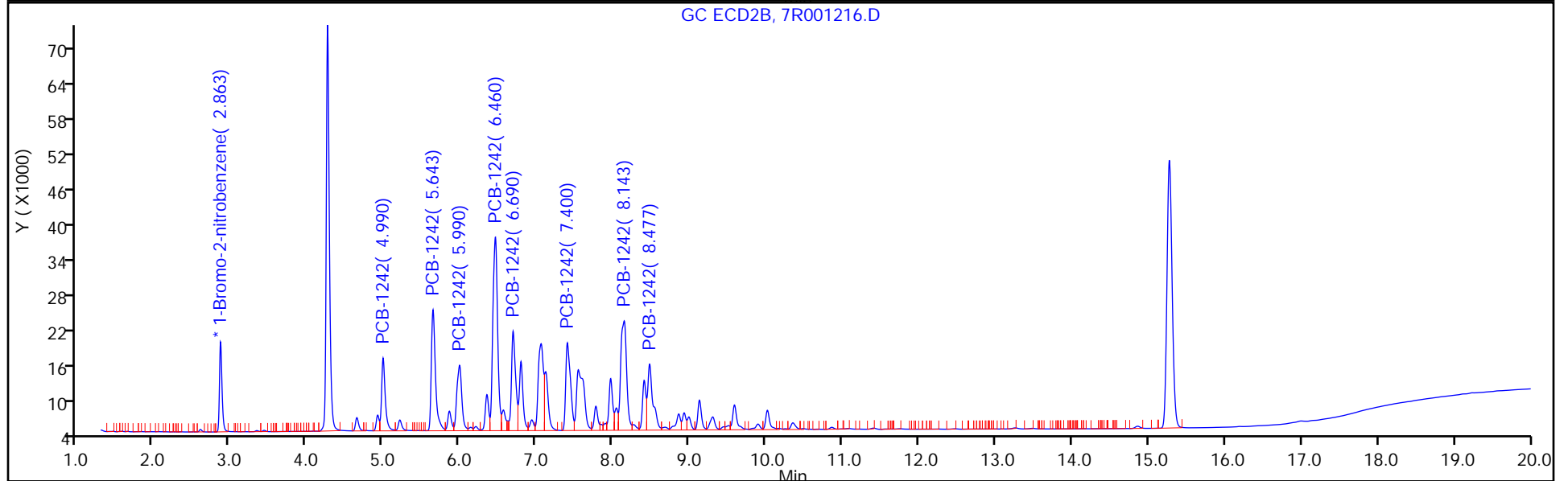
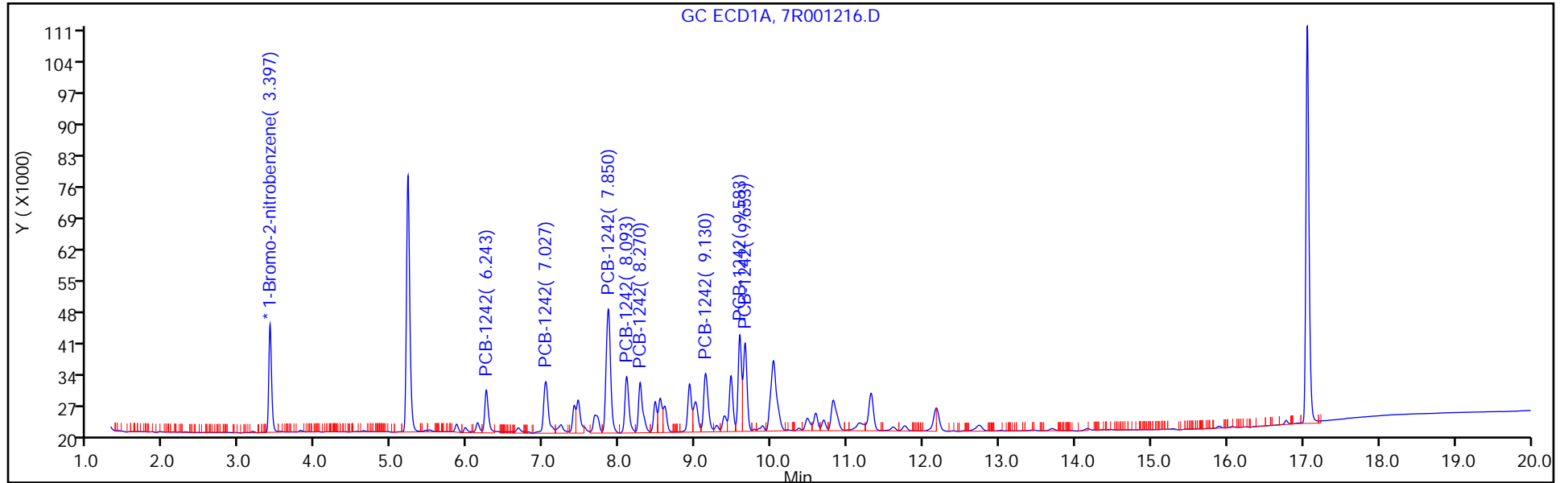
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:33 Calibration End Date: 01/21/2019 20:33 Calibration ID: 72980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/10	7R001216.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	0.0234				Ave		0.0234						20.0			0.9900
PCB-1242 Peak 2	0.0442				Ave		0.0442						20.0			0.9900
PCB-1242 Peak 3	0.0284				Ave		0.0284						20.0			0.9900
PCB-1242 Peak 4	0.0804				Ave		0.0804						20.0			0.9900
PCB-1242 Peak 5	0.0359				Ave		0.0359						20.0			0.9900
PCB-1242 Peak 6	0.0364				Ave		0.0364						20.0			0.9900
PCB-1242 Peak 7	0.0564				Ave		0.0564						20.0			0.9900
PCB-1242 Peak 8	0.0302				Ave		0.0302						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:33 Calibration End Date: 01/21/2019 20:33 Calibration ID: 72980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/10	7R001216.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1242 Peak 1	BNB	Ave	41587						1000				
PCB-1242 Peak 2	BNB	Ave	78569						1000				
PCB-1242 Peak 3	BNB	Ave	50426						1000				
PCB-1242 Peak 4	BNB	Ave	142954						1000				
PCB-1242 Peak 5	BNB	Ave	63910						1000				
PCB-1242 Peak 6	BNB	Ave	64649						1000				
PCB-1242 Peak 7	BNB	Ave	100353						1000				
PCB-1242 Peak 8	BNB	Ave	53615						1000				

Curve Type Legend:

Ave = Average ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001216.D  
 Lims ID: IC 1242  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 20:33:04 ALS Bottle#: 13 Worklist Smp#: 10  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-010  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:21 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:25:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	62117	20.0	20.0	
2	2.863	2.863	0.000	35556	20.0	20.0	

RPD = 0.00

4 PCB-1242

1	6.243	6.243	0.000	32810	1000.0	1000.0	M
1	7.027	7.027	0.000	51695	1000.0	1000.0	M
1	7.850	7.850	0.000	114338	1000.0	1000.0	M
1	8.093	8.093	0.000	47352	1000.0	1000.0	M
1	8.270	8.270	0.000	44761	1000.0	1000.0	M
1	9.130	9.130	0.000	53958	1000.0	1000.0	M
1	9.583	9.583	0.000	68035	1000.0	1000.0	M
1	9.653	9.653	0.000	68148	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	4.990	4.990	0.000	41587	1000.0	1000.0	M
2	5.643	5.643	0.000	78569	1000.0	1000.0	M
2	5.990	5.990	0.000	50426	1000.0	1000.0	M
2	6.460	6.460	0.000	142954	1000.0	1000.0	M
2	6.690	6.690	0.000	63910	1000.0	1000.0	M
2	7.400	7.400	0.000	64649	1000.0	1000.0	
2	8.143	8.143	0.000	100353	1000.0	1000.0	M
2	8.477	8.477	0.000	53615	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1242L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001216.D

Injection Date: 21-Jan-2019 20:33:04

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

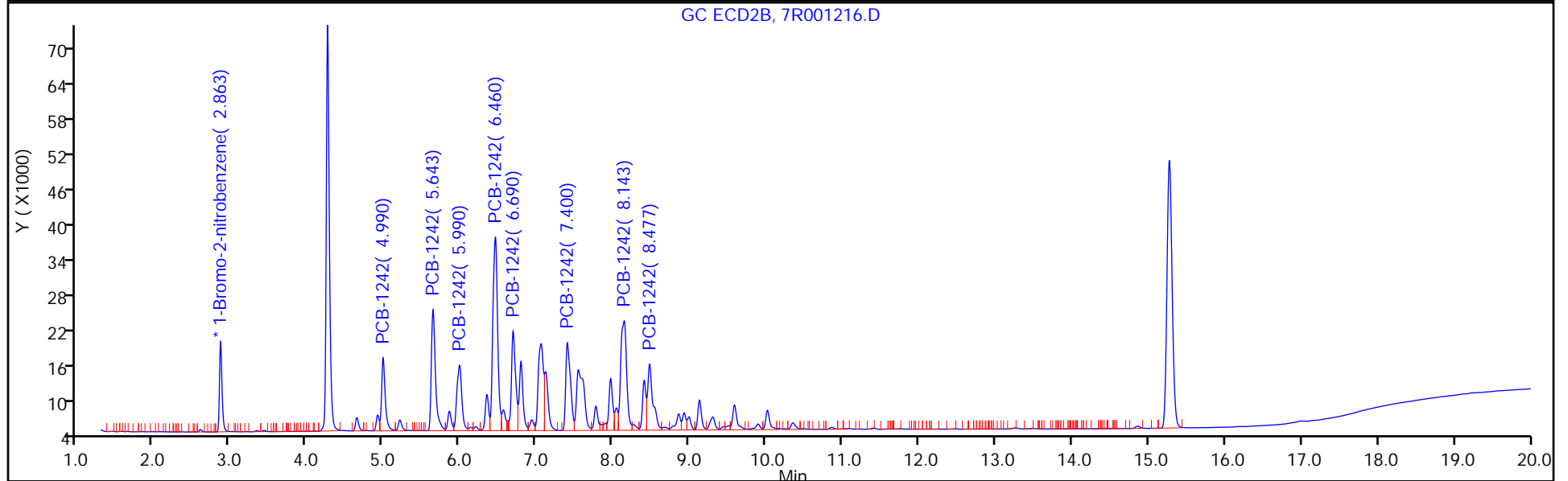
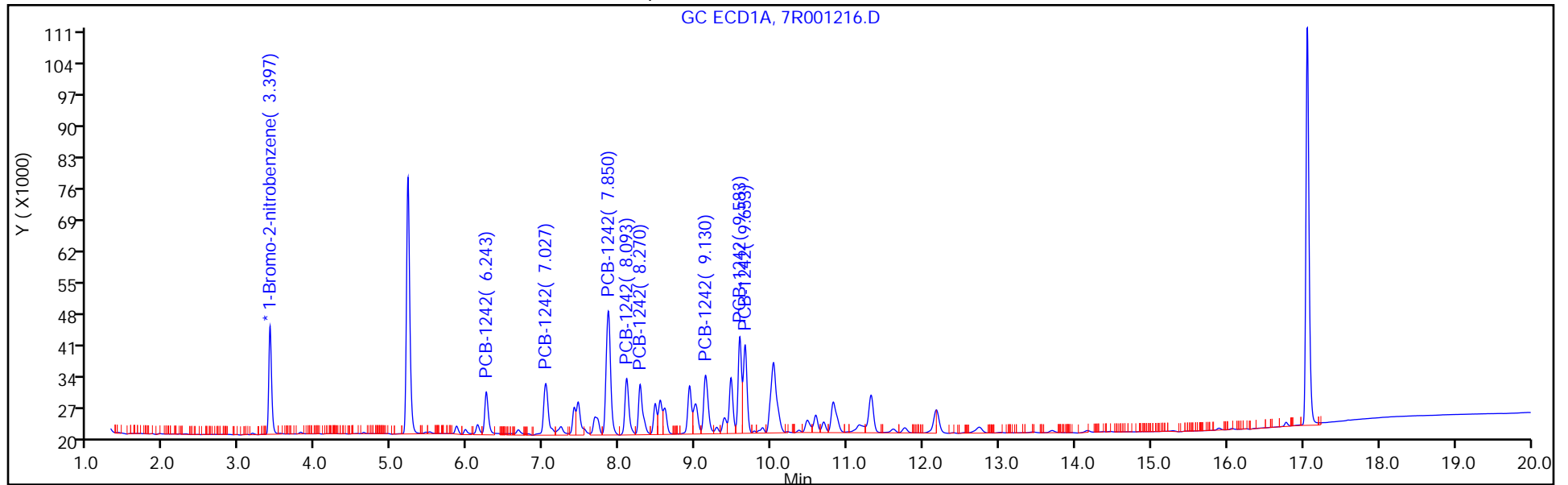
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:57 Calibration End Date: 01/21/2019 20:57 Calibration ID: 72985

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/11	7R001217.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	0.0081				Ave		0.0081						20.0			0.9900
PCB-1248 Peak 2	0.0237				Ave		0.0237						20.0			0.9900
PCB-1248 Peak 3	0.0113				Ave		0.0113						20.0			0.9900
PCB-1248 Peak 4	0.0107				Ave		0.0107						20.0			0.9900
PCB-1248 Peak 5	0.0224				Ave		0.0224						20.0			0.9900
PCB-1248 Peak 6	0.0348				Ave		0.0348						20.0			0.9900
PCB-1248 Peak 7	0.0305				Ave		0.0305						20.0			0.9900
PCB-1248 Peak 8	0.0246				Ave		0.0246						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:57 Calibration End Date: 01/21/2019 20:57 Calibration ID: 72985

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/11	7R001217.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1248 Peak 1	BNB	Ave	24734						1000				
PCB-1248 Peak 2	BNB	Ave	72318						1000				
PCB-1248 Peak 3	BNB	Ave	34376						1000				
PCB-1248 Peak 4	BNB	Ave	32775						1000				
PCB-1248 Peak 5	BNB	Ave	68334						1000				
PCB-1248 Peak 6	BNB	Ave	106087						1000				
PCB-1248 Peak 7	BNB	Ave	93162						1000				
PCB-1248 Peak 8	BNB	Ave	75098						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001217.D  
 Lims ID: IC 1248  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 20:57:01 ALS Bottle#: 14 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-011  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:24 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:28:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	61001	20.0	20.0	
2	2.863	2.863	0.000	34665	20.0	20.0	

RPD = 0.00

6 PCB-1248

M

1	7.023	7.023	0.000	24734	1000.0	1000.0	
1	7.850	7.850	0.000	72318	1000.0	1000.0	
1	8.470	8.470	0.000	34376	1000.0	1000.0	
1	8.533	8.533	0.000	32775	1000.0	1000.0	
1	9.130	9.130	0.000	68334	1000.0	1000.0	
1	9.583	9.583	0.000	106087	1000.0	1000.0	
1	9.650	9.650	0.000	93162	1000.0	1000.0	
1	10.813	10.813	0.000	75098	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	5.643	5.643	0.000	39211	1000.0	1000.0	M
2	6.457	6.457	0.000	85074	1000.0	1000.0	M
2	7.050	7.050	0.000	99017	1000.0	1000.0	M
2	7.540	7.540	0.000	52874	1000.0	1000.0	M
2	8.140	8.140	0.000	153817	1000.0	1000.0	M
2	8.477	8.477	0.000	69873	1000.0	1000.0	M
2	9.127	9.127	0.000	42710	1000.0	1000.0	M
2	10.017	10.017	0.000	26861	1000.0	1000.0	M
Average of Peak Amounts =						1000.0	

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1248L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001217.D

Injection Date: 21-Jan-2019 20:57:01

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

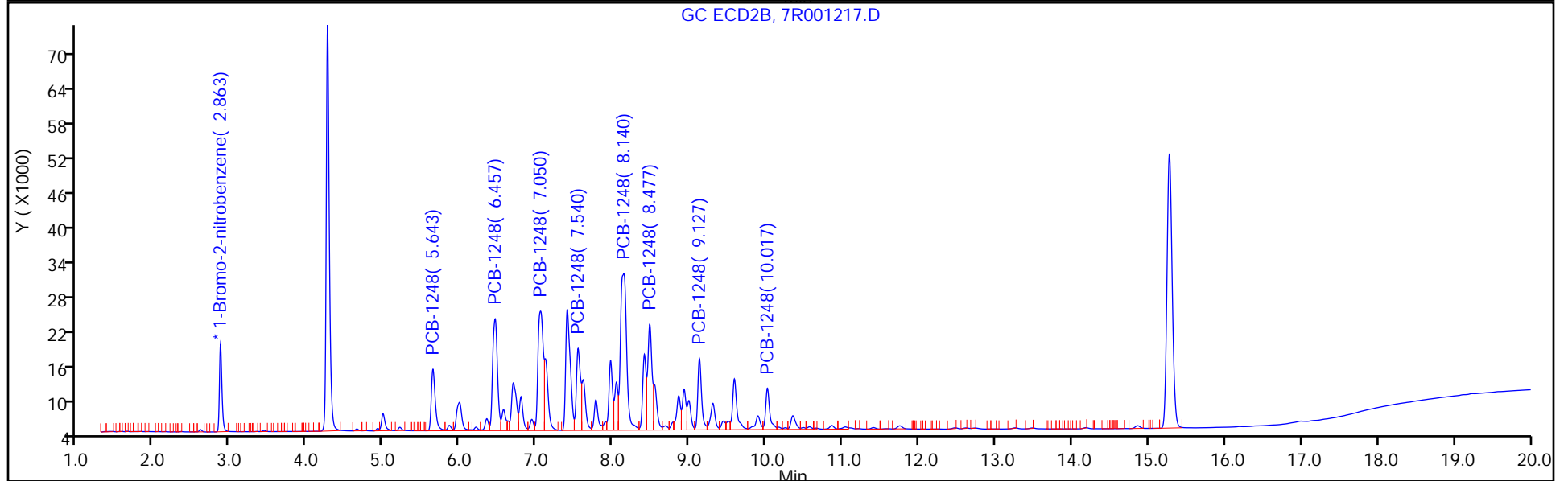
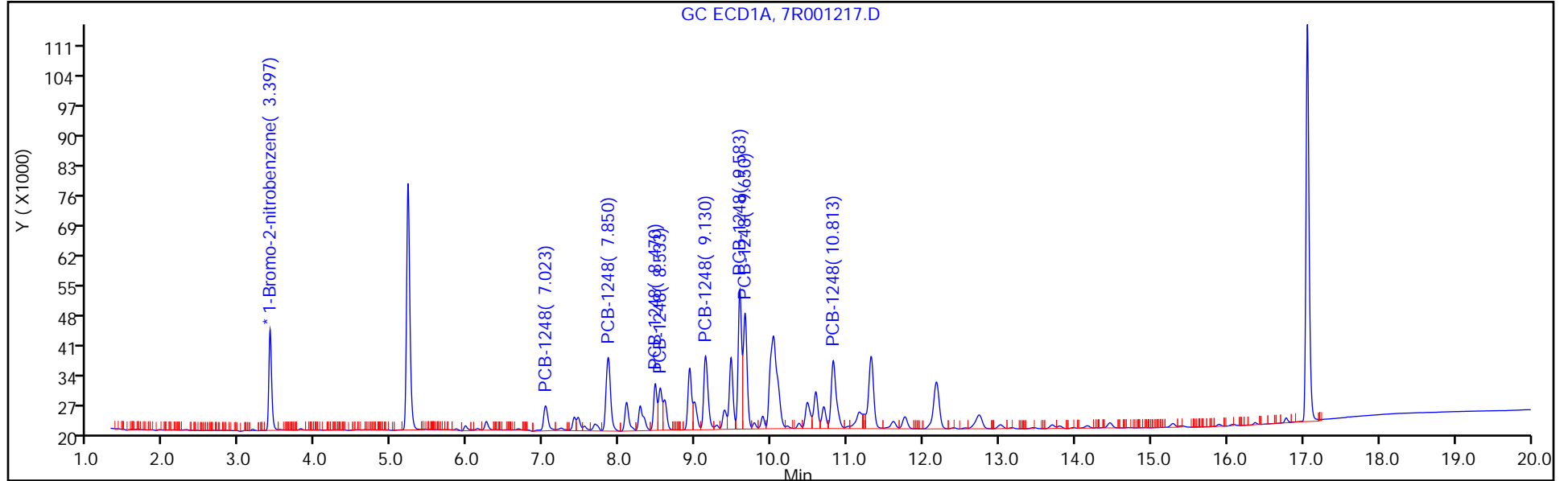
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD





FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:57 Calibration End Date: 01/21/2019 20:57 Calibration ID: 72986

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/11	7R001217.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	0.0226				Ave		0.0226						20.0			0.9900
PCB-1248 Peak 2	0.0491				Ave		0.0491						20.0			0.9900
PCB-1248 Peak 3	0.0571				Ave		0.0571						20.0			0.9900
PCB-1248 Peak 4	0.0305				Ave		0.0305						20.0			0.9900
PCB-1248 Peak 5	0.0887				Ave		0.0887						20.0			0.9900
PCB-1248 Peak 6	0.0403				Ave		0.0403						20.0			0.9900
PCB-1248 Peak 7	0.0246				Ave		0.0246						20.0			0.9900
PCB-1248 Peak 8	0.0155				Ave		0.0155						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 20:57 Calibration End Date: 01/21/2019 20:57 Calibration ID: 72986

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/11	7R001217.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	39211					1000				
PCB-1248 Peak 2	BNB	Ave	85074					1000				
PCB-1248 Peak 3	BNB	Ave	99017					1000				
PCB-1248 Peak 4	BNB	Ave	52874					1000				
PCB-1248 Peak 5	BNB	Ave	153817					1000				
PCB-1248 Peak 6	BNB	Ave	69873					1000				
PCB-1248 Peak 7	BNB	Ave	42710					1000				
PCB-1248 Peak 8	BNB	Ave	26861					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001217.D  
 Lims ID: IC 1248  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 20:57:01 ALS Bottle#: 14 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-011  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:24 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:28:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	61001	20.0	20.0	
2	2.863	2.863	0.000	34665	20.0	20.0	

RPD = 0.00

6 PCB-1248

M

1	7.023	7.023	0.000	24734	1000.0	1000.0	
1	7.850	7.850	0.000	72318	1000.0	1000.0	
1	8.470	8.470	0.000	34376	1000.0	1000.0	
1	8.533	8.533	0.000	32775	1000.0	1000.0	
1	9.130	9.130	0.000	68334	1000.0	1000.0	
1	9.583	9.583	0.000	106087	1000.0	1000.0	
1	9.650	9.650	0.000	93162	1000.0	1000.0	
1	10.813	10.813	0.000	75098	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	5.643	5.643	0.000	39211	1000.0	1000.0	M
2	6.457	6.457	0.000	85074	1000.0	1000.0	M
2	7.050	7.050	0.000	99017	1000.0	1000.0	M
2	7.540	7.540	0.000	52874	1000.0	1000.0	M
2	8.140	8.140	0.000	153817	1000.0	1000.0	M
2	8.477	8.477	0.000	69873	1000.0	1000.0	M
2	9.127	9.127	0.000	42710	1000.0	1000.0	M
2	10.017	10.017	0.000	26861	1000.0	1000.0	M
Average of Peak Amounts =						1000.0	

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1248L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001217.D

Injection Date: 21-Jan-2019 20:57:01

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

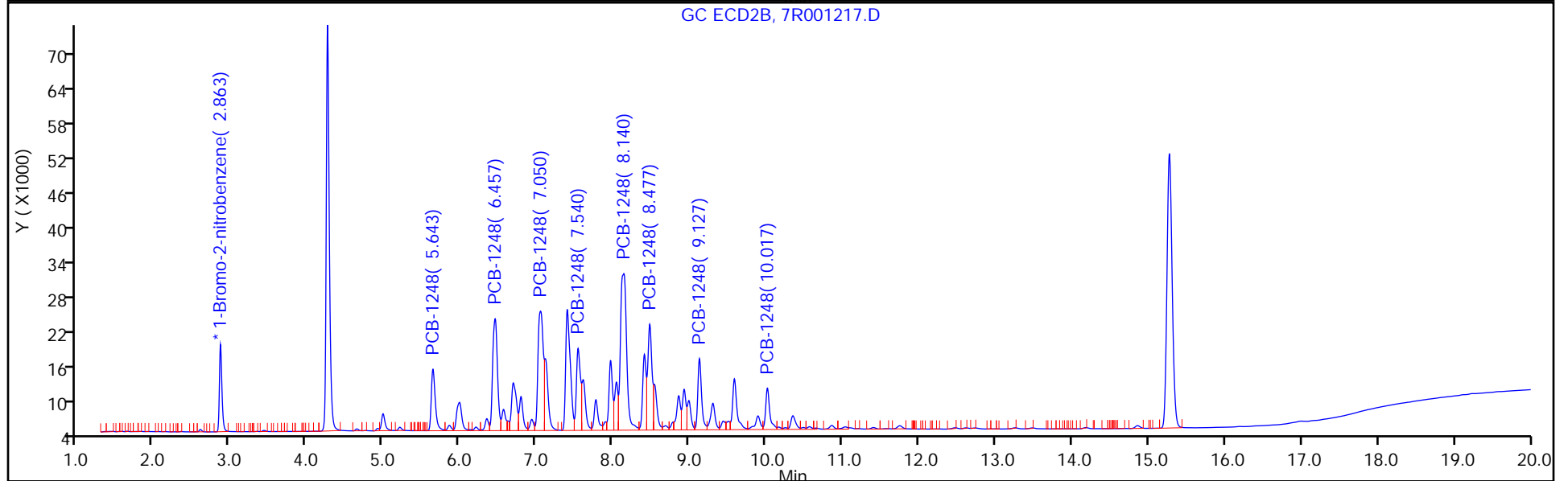
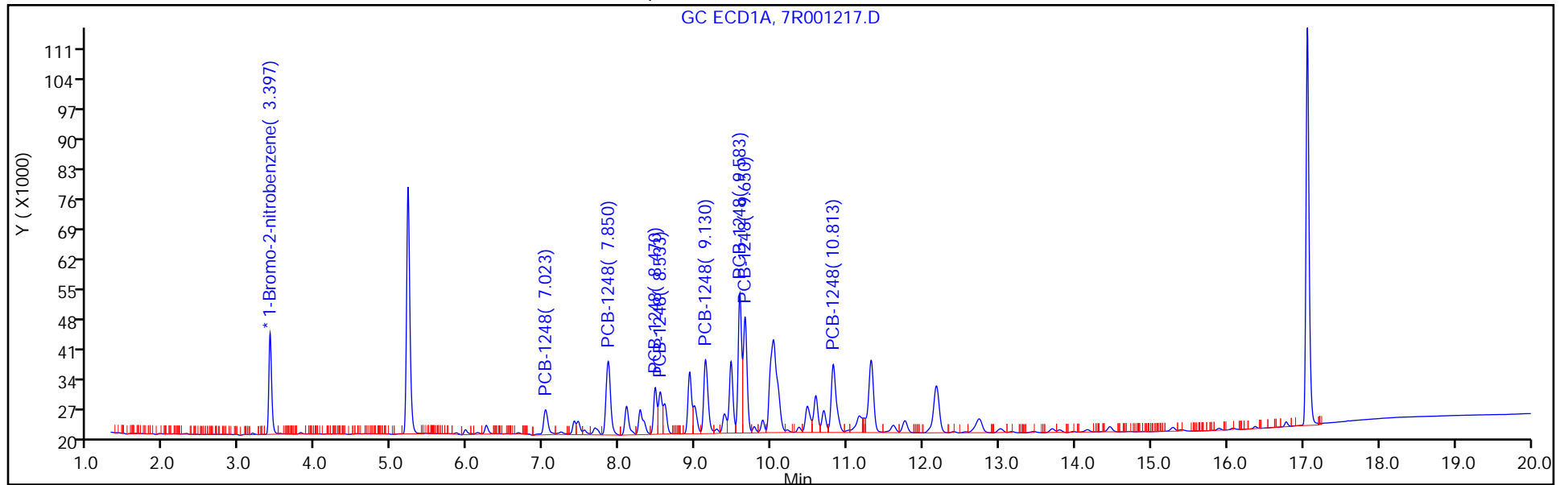
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 21:21 Calibration End Date: 01/21/2019 21:21 Calibration ID: 72991

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/12	7R001218.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	0.0080				Ave		0.0080						20.0			0.9900
PCB-1254 Peak 2	0.0263				Ave		0.0263						20.0			0.9900
PCB-1254 Peak 3	0.0540				Ave		0.0540						20.0			0.9900
PCB-1254 Peak 4	0.0315				Ave		0.0315						20.0			0.9900
PCB-1254 Peak 5	0.0752				Ave		0.0752						20.0			0.9900
PCB-1254 Peak 6	0.0868				Ave		0.0868						20.0			0.9900
PCB-1254 Peak 7	0.0707				Ave		0.0707						20.0			0.9900
PCB-1254 Peak 8	0.0930				Ave		0.0930						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 21:21 Calibration End Date: 01/21/2019 21:21 Calibration ID: 72991

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/12	7R001218.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1254 Peak 1	BNB	Ave	24399						1000				
PCB-1254 Peak 2	BNB	Ave	80461						1000				
PCB-1254 Peak 3	BNB	Ave	165166						1000				
PCB-1254 Peak 4	BNB	Ave	96300						1000				
PCB-1254 Peak 5	BNB	Ave	229773						1000				
PCB-1254 Peak 6	BNB	Ave	265338						1000				
PCB-1254 Peak 7	BNB	Ave	216181						1000				
PCB-1254 Peak 8	BNB	Ave	284185						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001218.D  
 Lims ID: IC 1254  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 21:21:06 ALS Bottle#: 15 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-012  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:27 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:33:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	61117	20.0	20.0	
2	2.863	2.863	0.000	34824	20.0	20.0	

RPD = 0.00

7 PCB-1254

Ma

1	8.920	8.920	0.000	24399	1000.0	1000.0	
1	9.643	9.643	0.000	80461	1000.0	1000.0	
1	9.983	9.983	0.000	165166	1000.0	1000.0	
1	10.583	10.583	0.000	96300	1000.0	1000.0	
1	10.810	10.810	0.000	229773	1000.0	1000.0	
1	11.310	11.310	0.000	265338	1000.0	1000.0	
1	12.170	12.170	0.000	216181	1000.0	1000.0	
1	12.733	12.733	0.000	284185	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	7.397	7.397	0.000	31132	1000.0	1000.0	M
2	8.040	8.040	0.000	75241	1000.0	1000.0	M
2	8.487	8.487	0.000	160831	1000.0	1000.0	M
2	8.923	8.923	0.000	81599	1000.0	1000.0	M
2	9.123	9.123	0.000	150923	1000.0	1000.0	M
2	9.583	9.583	0.000	121981	1000.0	1000.0	M
2	9.890	9.890	0.000	104606	1000.0	1000.0	M
2	10.347	10.347	0.000	145062	1000.0	1000.0	M
Average of Peak Amounts =						1000.0	

RPD = 0.00



### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

SG1254L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001218.D

Injection Date: 21-Jan-2019 21:21:06

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

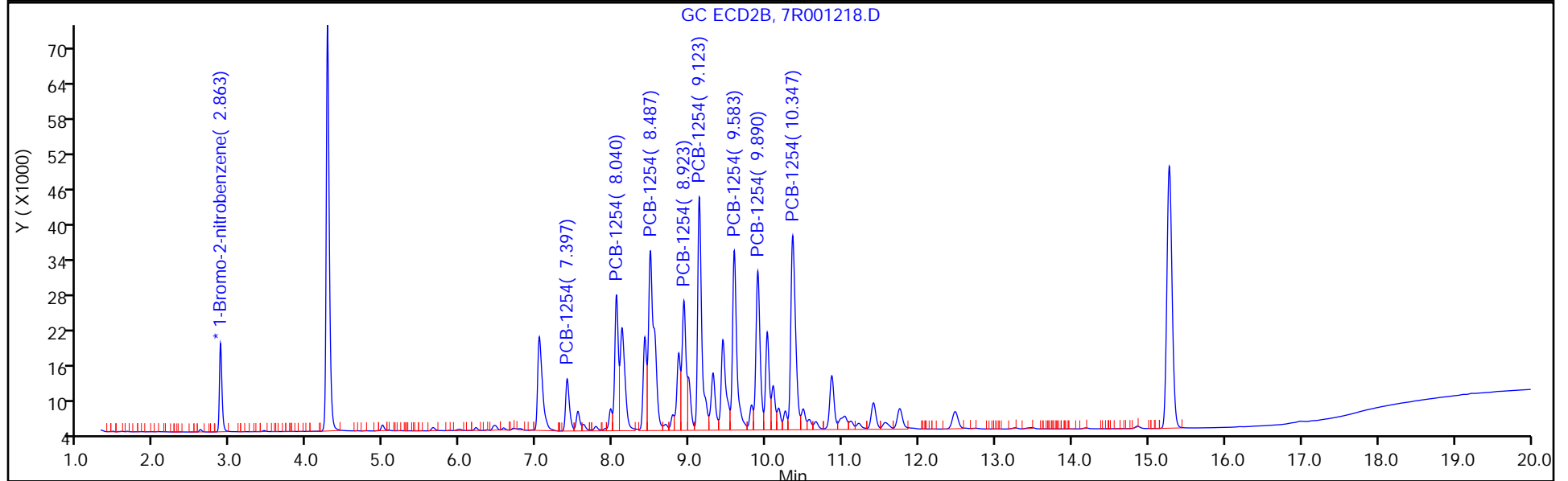
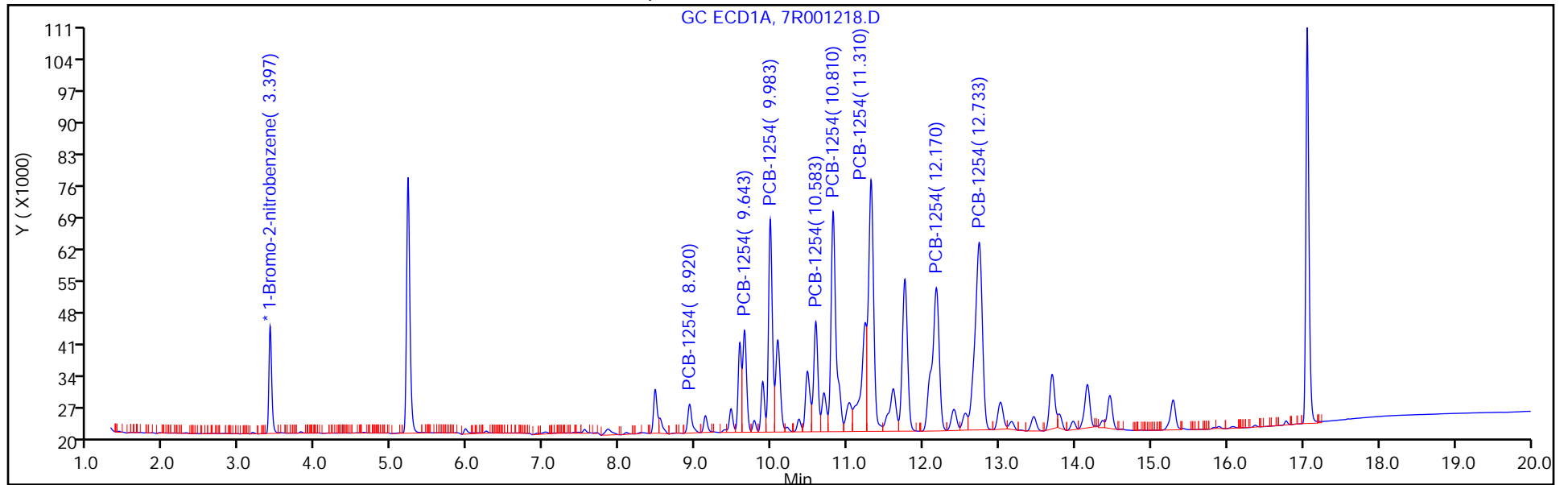
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 21:21 Calibration End Date: 01/21/2019 21:21 Calibration ID: 72992

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/12	7R001218.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	0.0179				Ave		0.0179						20.0			0.9900
PCB-1254 Peak 2	0.0432				Ave		0.0432						20.0			0.9900
PCB-1254 Peak 3	0.0924				Ave		0.0924						20.0			0.9900
PCB-1254 Peak 4	0.0469				Ave		0.0469						20.0			0.9900
PCB-1254 Peak 5	0.0867				Ave		0.0867						20.0			0.9900
PCB-1254 Peak 6	0.0701				Ave		0.0701						20.0			0.9900
PCB-1254 Peak 7	0.0601				Ave		0.0601						20.0			0.9900
PCB-1254 Peak 8	0.0833				Ave		0.0833						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 21:21 Calibration End Date: 01/21/2019 21:21 Calibration ID: 72992

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/12	7R001218.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	31132					1000				
PCB-1254 Peak 2	BNB	Ave	75241					1000				
PCB-1254 Peak 3	BNB	Ave	160831					1000				
PCB-1254 Peak 4	BNB	Ave	81599					1000				
PCB-1254 Peak 5	BNB	Ave	150923					1000				
PCB-1254 Peak 6	BNB	Ave	121981					1000				
PCB-1254 Peak 7	BNB	Ave	104606					1000				
PCB-1254 Peak 8	BNB	Ave	145062					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001218.D  
 Lims ID: IC 1254  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 21:21:06 ALS Bottle#: 15 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-012  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:27 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:33:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	61117	20.0	20.0	
2	2.863	2.863	0.000	34824	20.0	20.0	

RPD = 0.00

7 PCB-1254

Ma

1	8.920	8.920	0.000	24399	1000.0	1000.0	
1	9.643	9.643	0.000	80461	1000.0	1000.0	
1	9.983	9.983	0.000	165166	1000.0	1000.0	
1	10.583	10.583	0.000	96300	1000.0	1000.0	
1	10.810	10.810	0.000	229773	1000.0	1000.0	
1	11.310	11.310	0.000	265338	1000.0	1000.0	
1	12.170	12.170	0.000	216181	1000.0	1000.0	
1	12.733	12.733	0.000	284185	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	7.397	7.397	0.000	31132	1000.0	1000.0	M
2	8.040	8.040	0.000	75241	1000.0	1000.0	M
2	8.487	8.487	0.000	160831	1000.0	1000.0	M
2	8.923	8.923	0.000	81599	1000.0	1000.0	M
2	9.123	9.123	0.000	150923	1000.0	1000.0	M
2	9.583	9.583	0.000	121981	1000.0	1000.0	M
2	9.890	9.890	0.000	104606	1000.0	1000.0	M
2	10.347	10.347	0.000	145062	1000.0	1000.0	M
Average of Peak Amounts =						1000.0	

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

SG1254L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001218.D

Injection Date: 21-Jan-2019 21:21:06

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

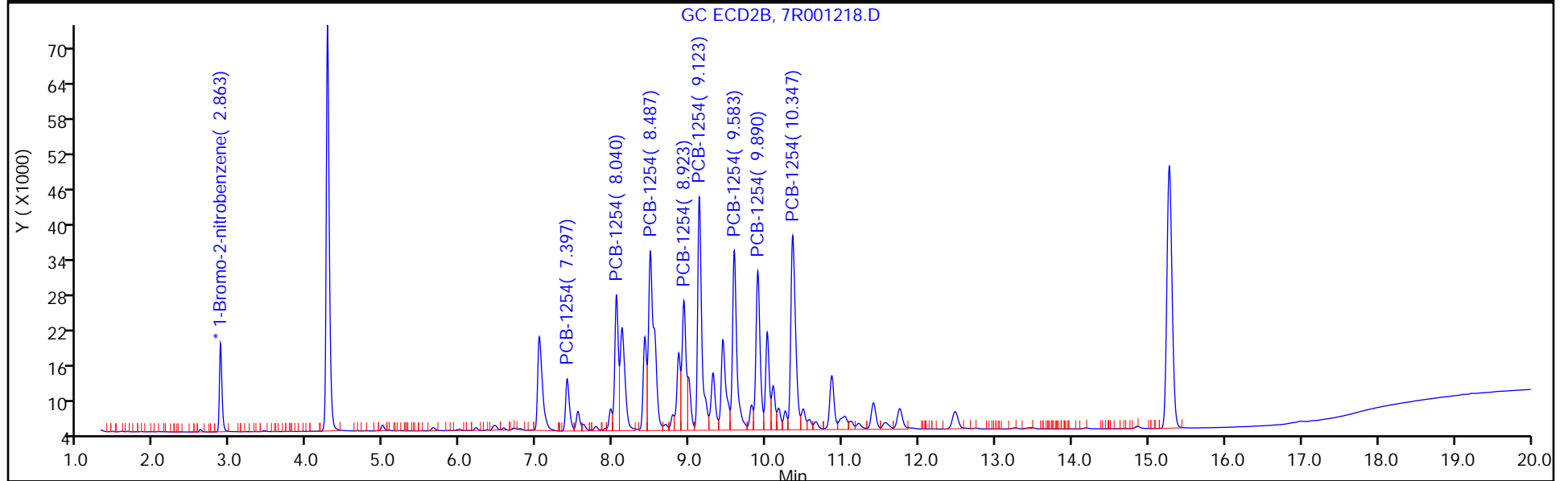
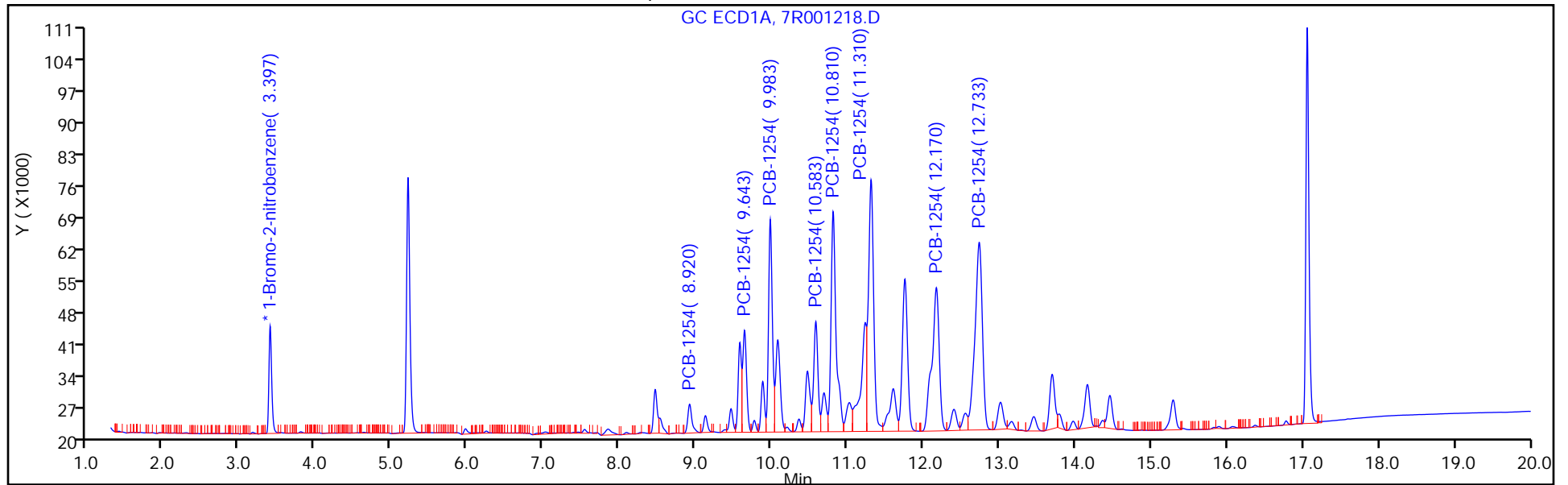
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 21:45 Calibration End Date: 01/21/2019 21:45 Calibration ID: 72997

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/13	7R001219.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	0.0618				Ave		0.0618						20.0			0.9900
PCB-1262 Peak 2	0.1012				Ave		0.1012						20.0			0.9900
PCB-1262 Peak 3	0.1429				Ave		0.1429						20.0			0.9900
PCB-1262 Peak 4	0.1069				Ave		0.1069						20.0			0.9900
PCB-1262 Peak 5	0.2037				Ave		0.2037						20.0			0.9900
PCB-1262 Peak 6	0.0302				Ave		0.0302						20.0			0.9900
PCB-1262 Peak 7	0.0642				Ave		0.0642						20.0			0.9900
PCB-1262 Peak 8	0.0217				Ave		0.0217						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 21:45 Calibration End Date: 01/21/2019 21:45 Calibration ID: 72997

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/13	7R001219.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1262 Peak 1	BNB	Ave	185476						1000				
PCB-1262 Peak 2	BNB	Ave	303822						1000				
PCB-1262 Peak 3	BNB	Ave	429138						1000				
PCB-1262 Peak 4	BNB	Ave	321117						1000				
PCB-1262 Peak 5	BNB	Ave	611775						1000				
PCB-1262 Peak 6	BNB	Ave	90609						1000				
PCB-1262 Peak 7	BNB	Ave	192806						1000				
PCB-1262 Peak 8	BNB	Ave	65144						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001219.D  
 Lims ID: IC 1262  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 21:45:07 ALS Bottle#: 16 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-013  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:33:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	60064	20.0	20.0	
2	2.863	2.863	0.000	34257	20.0	20.0	

RPD = 0.00

9 PCB-1262

M

1	11.233	11.233	0.000	185476	1000.0	1000.0	
1	11.757	11.757	0.000	303822	1000.0	1000.0	
1	13.017	13.017	0.000	429138	1000.0	1000.0	
1	13.800	13.800	0.000	321117	1000.0	1000.0	
1	14.457	14.457	0.000	611775	1000.0	1000.0	
1	16.097	16.097	0.000	90609	1000.0	1000.0	
1	16.370	16.370	0.000	192806	1000.0	1000.0	
1	16.777	16.777	0.000	65144	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	9.433	9.433	0.000	105812	1000.0	1000.0	M
2	11.030	11.030	0.000	163527	1000.0	1000.0	M
2	11.743	11.743	0.000	337107	1000.0	1000.0	M
2	12.470	12.470	0.000	115219	1000.0	1000.0	M
2	12.730	12.730	0.000	151823	1000.0	1000.0	M
2	13.483	13.483	0.000	56269	1000.0	1000.0	M
2	14.180	14.180	0.000	120422	1000.0	1000.0	M
2	14.853	14.853	0.000	47020	1000.0	1000.0	
Average of Peak Amounts =						1000.0	

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1262L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001219.D

Injection Date: 21-Jan-2019 21:45:07

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

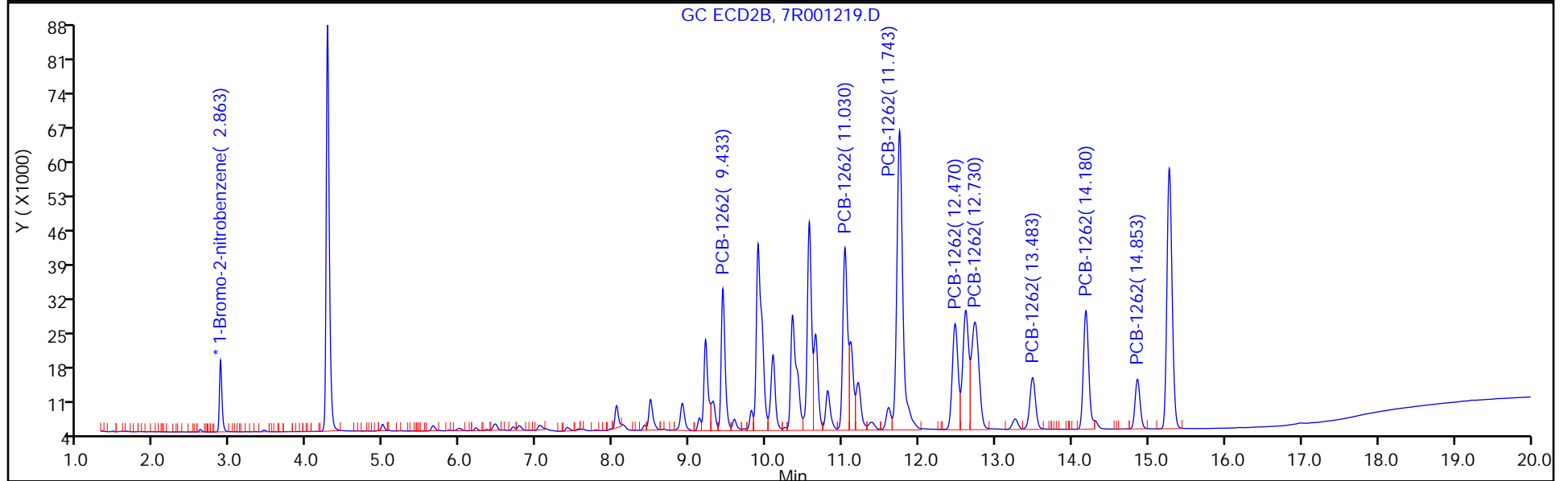
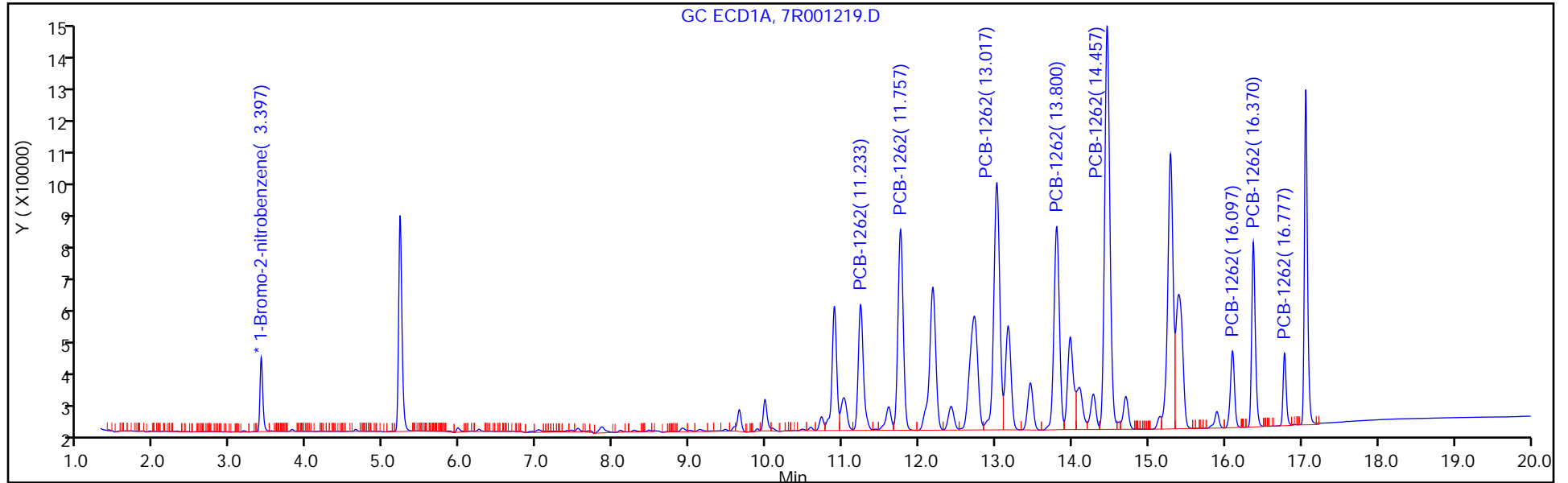
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 21:45 Calibration End Date: 01/21/2019 21:45 Calibration ID: 72998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/13	7R001219.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	0.0618				Ave		0.0618						20.0			0.9900
PCB-1262 Peak 2	0.0955				Ave		0.0955						20.0			0.9900
PCB-1262 Peak 3	0.1968				Ave		0.1968						20.0			0.9900
PCB-1262 Peak 4	0.0673				Ave		0.0673						20.0			0.9900
PCB-1262 Peak 5	0.0886				Ave		0.0886						20.0			0.9900
PCB-1262 Peak 6	0.0329				Ave		0.0329						20.0			0.9900
PCB-1262 Peak 7	0.0703				Ave		0.0703						20.0			0.9900
PCB-1262 Peak 8	0.0275				Ave		0.0275						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 21:45 Calibration End Date: 01/21/2019 21:45 Calibration ID: 72998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/13	7R001219.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1262 Peak 1	BNB	Ave	105812						1000				
PCB-1262 Peak 2	BNB	Ave	163527						1000				
PCB-1262 Peak 3	BNB	Ave	337107						1000				
PCB-1262 Peak 4	BNB	Ave	115219						1000				
PCB-1262 Peak 5	BNB	Ave	151823						1000				
PCB-1262 Peak 6	BNB	Ave	56269						1000				
PCB-1262 Peak 7	BNB	Ave	120422						1000				
PCB-1262 Peak 8	BNB	Ave	47020						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001219.D  
 Lims ID: IC 1262  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 21:45:07 ALS Bottle#: 16 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-013  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:33:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	60064	20.0	20.0	
2	2.863	2.863	0.000	34257	20.0	20.0	
						RPD = 0.00	

9 PCB-1262

1	11.233	11.233	0.000	185476	1000.0	1000.0	M
1	11.757	11.757	0.000	303822	1000.0	1000.0	
1	13.017	13.017	0.000	429138	1000.0	1000.0	
1	13.800	13.800	0.000	321117	1000.0	1000.0	
1	14.457	14.457	0.000	611775	1000.0	1000.0	
1	16.097	16.097	0.000	90609	1000.0	1000.0	
1	16.370	16.370	0.000	192806	1000.0	1000.0	
1	16.777	16.777	0.000	65144	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	9.433	9.433	0.000	105812	1000.0	1000.0	M
2	11.030	11.030	0.000	163527	1000.0	1000.0	M
2	11.743	11.743	0.000	337107	1000.0	1000.0	M
2	12.470	12.470	0.000	115219	1000.0	1000.0	M
2	12.730	12.730	0.000	151823	1000.0	1000.0	M
2	13.483	13.483	0.000	56269	1000.0	1000.0	M
2	14.180	14.180	0.000	120422	1000.0	1000.0	M
2	14.853	14.853	0.000	47020	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1262L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001219.D

Injection Date: 21-Jan-2019 21:45:07

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

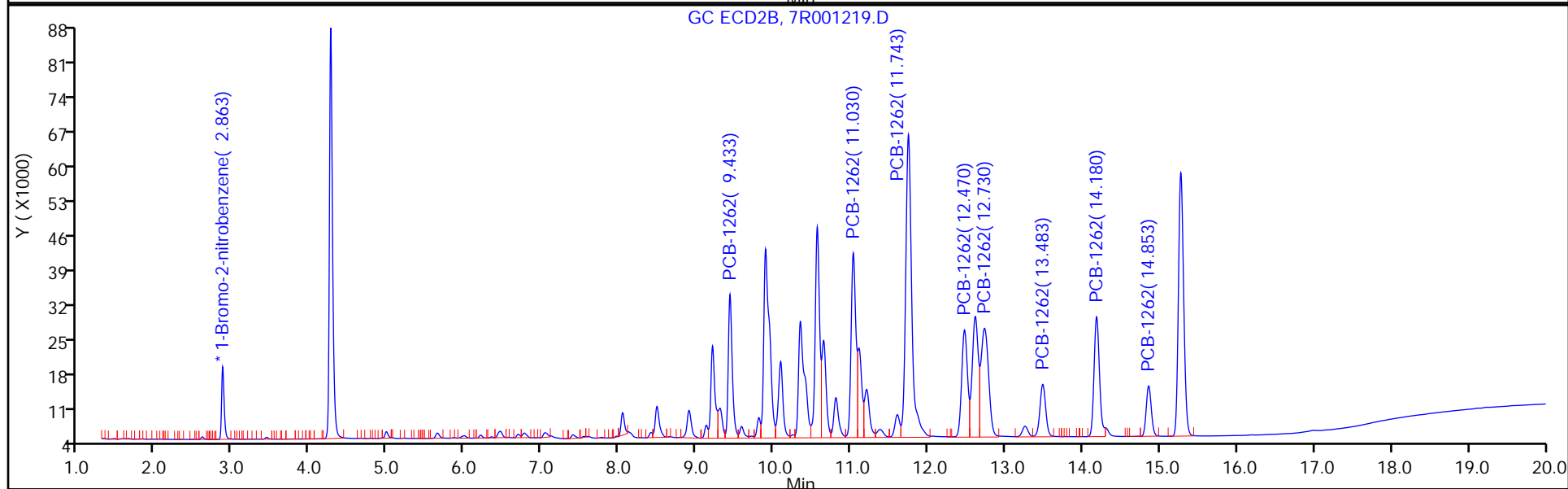
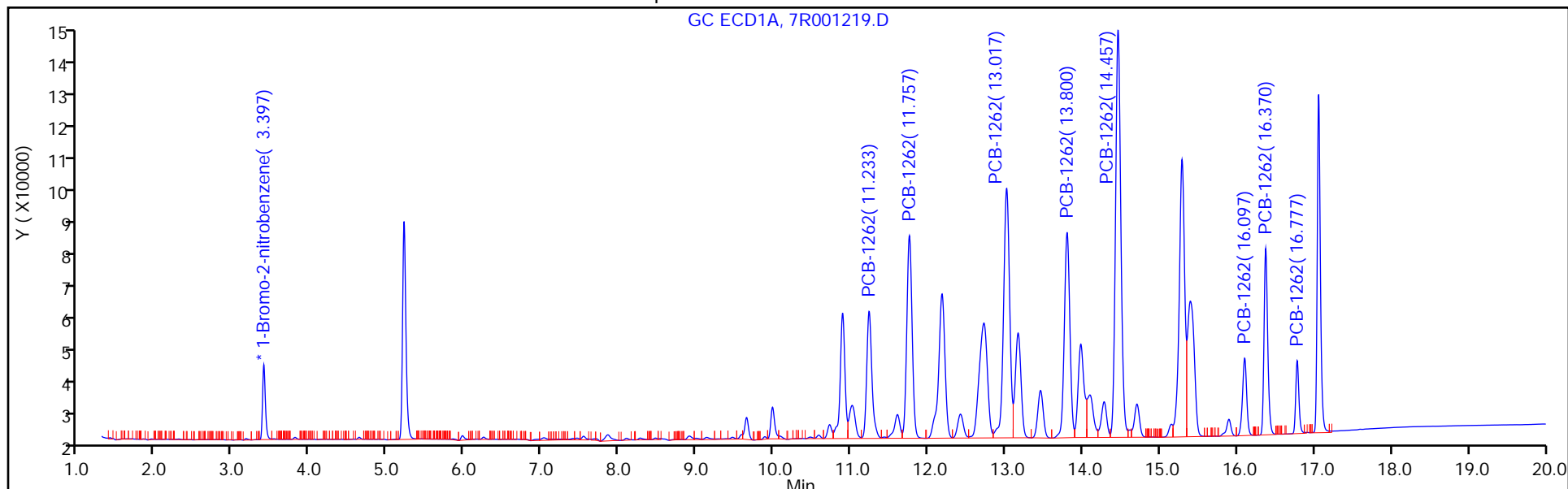
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 22:09 Calibration End Date: 01/21/2019 22:09 Calibration ID: 73003

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/14	7R001220.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	0.0410				Ave		0.0410						20.0			0.9900
PCB-1268 Peak 2	0.0494				Ave		0.0494						20.0			0.9900
PCB-1268 Peak 3	0.1612				Ave		0.1612						20.0			0.9900
PCB-1268 Peak 4	0.1416				Ave		0.1416						20.0			0.9900
PCB-1268 Peak 5	0.1189				Ave		0.1189						20.0			0.9900
PCB-1268 Peak 6	0.0354				Ave		0.0354						20.0			0.9900
PCB-1268 Peak 7	0.0495				Ave		0.0495						20.0			0.9900
PCB-1268 Peak 8	0.2677				Ave		0.2677						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 22:09 Calibration End Date: 01/21/2019 22:09 Calibration ID: 73003

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/14	7R001220.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1268 Peak 1	BNB	Ave	132566						1000				
PCB-1268 Peak 2	BNB	Ave	159846						1000				
PCB-1268 Peak 3	BNB	Ave	521326						1000				
PCB-1268 Peak 4	BNB	Ave	458213						1000				
PCB-1268 Peak 5	BNB	Ave	384682						1000				
PCB-1268 Peak 6	BNB	Ave	114526						1000				
PCB-1268 Peak 7	BNB	Ave	159978						1000				
PCB-1268 Peak 8	BNB	Ave	866141						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Lims ID: IC 1268  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 22:09:00 ALS Bottle#: 17 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-014  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub8  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:33 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:34:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	64700	20.0	20.0	
2	2.863	2.863	0.000	36844	20.0	20.0	

RPD = 0.00

10 PCB-1268

1	13.017	13.017	0.000	132566	1000.0	1000.0	a
1	13.803	13.803	0.000	159846	1000.0	1000.0	a
1	15.283	15.283	0.000	521326	1000.0	1000.0	a
1	15.383	15.383	0.000	458213	1000.0	1000.0	a
1	15.897	15.897	0.000	384682	1000.0	1000.0	a
1	16.067	16.067	0.000	114526	1000.0	1000.0	a
1	16.370	16.370	0.000	159978	1000.0	1000.0	a
1	16.780	16.780	0.000	866141	1000.0	1000.0	a

Average of Peak Amounts = 1000.0

2	10.567	10.567	0.000	57290	1000.0	1000.0	
2	11.027	11.027	0.000	73802	1000.0	1000.0	
2	12.610	12.610	0.000	278905	1000.0	1000.0	
2	12.717	12.717	0.000	270947	1000.0	1000.0	
2	13.253	13.253	0.000	228208	1000.0	1000.0	
2	13.480	13.480	0.000	67921	1000.0	1000.0	
2	14.180	14.180	0.000	102368	1000.0	1000.0	
2	14.853	14.853	0.000	651089	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

a - User Assigned ID

### Reagents:

SG1268L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D

Injection Date: 21-Jan-2019 22:09:00

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

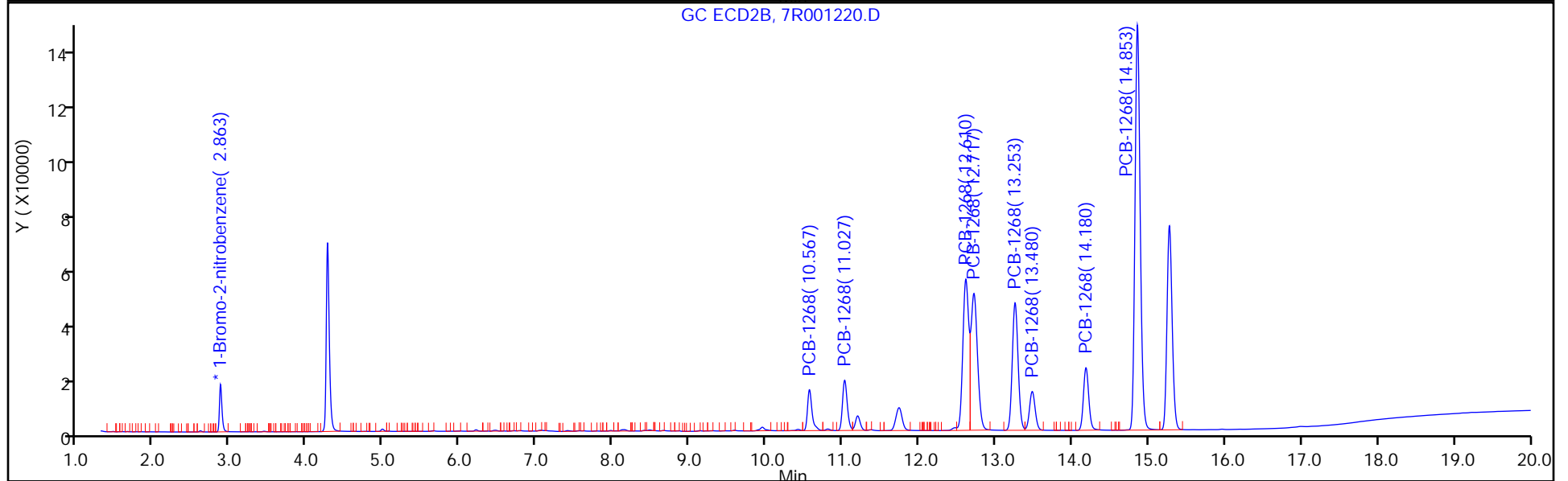
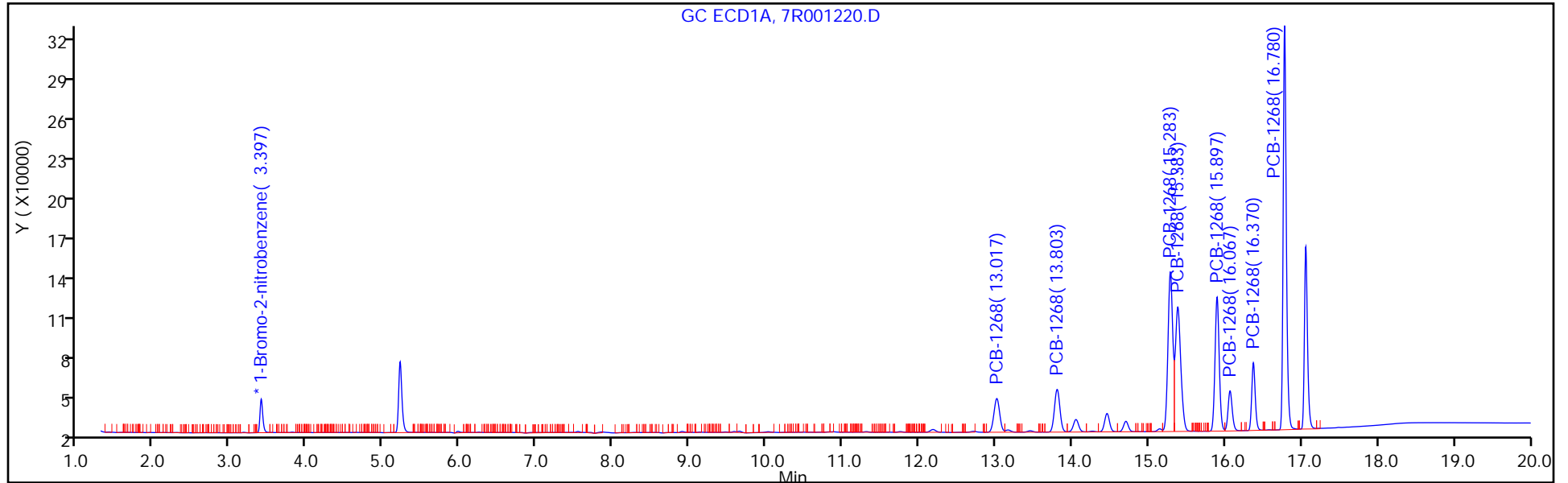
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 22:09 Calibration End Date: 01/21/2019 22:09 Calibration ID: 73004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/14	7R001220.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	0.0311				Ave		0.0311						20.0			0.9900
PCB-1268 Peak 2	0.0401				Ave		0.0401						20.0			0.9900
PCB-1268 Peak 3	0.1514				Ave		0.1514						20.0			0.9900
PCB-1268 Peak 4	0.1471				Ave		0.1471						20.0			0.9900
PCB-1268 Peak 5	0.1239				Ave		0.1239						20.0			0.9900
PCB-1268 Peak 6	0.0369				Ave		0.0369						20.0			0.9900
PCB-1268 Peak 7	0.0556				Ave		0.0556						20.0			0.9900
PCB-1268 Peak 8	0.3534				Ave		0.3534						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584163

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2019 22:09 Calibration End Date: 01/21/2019 22:09 Calibration ID: 73004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584163/14	7R001220.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1268 Peak 1	BNB	Ave	57290						1000				
PCB-1268 Peak 2	BNB	Ave	73802						1000				
PCB-1268 Peak 3	BNB	Ave	278905						1000				
PCB-1268 Peak 4	BNB	Ave	270947						1000				
PCB-1268 Peak 5	BNB	Ave	228208						1000				
PCB-1268 Peak 6	BNB	Ave	67921						1000				
PCB-1268 Peak 7	BNB	Ave	102368						1000				
PCB-1268 Peak 8	BNB	Ave	651089						1000				

Curve Type Legend:

Ave = Average ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Lims ID: IC 1268  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 21-Jan-2019 22:09:00 ALS Bottle#: 17 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085397-014  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub8  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 22-Jan-2019 13:11:33 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0320

First Level Reviewer: patelji Date: 22-Jan-2019 12:34:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.397	3.397	0.000	64700	20.0	20.0	
2	2.863	2.863	0.000	36844	20.0	20.0	
						RPD = 0.00	

10 PCB-1268

1	13.017	13.017	0.000	132566	1000.0	1000.0	a
1	13.803	13.803	0.000	159846	1000.0	1000.0	a
1	15.283	15.283	0.000	521326	1000.0	1000.0	a
1	15.383	15.383	0.000	458213	1000.0	1000.0	a
1	15.897	15.897	0.000	384682	1000.0	1000.0	a
1	16.067	16.067	0.000	114526	1000.0	1000.0	a
1	16.370	16.370	0.000	159978	1000.0	1000.0	a
1	16.780	16.780	0.000	866141	1000.0	1000.0	a

Average of Peak Amounts = 1000.0

2	10.567	10.567	0.000	57290	1000.0	1000.0	
2	11.027	11.027	0.000	73802	1000.0	1000.0	
2	12.610	12.610	0.000	278905	1000.0	1000.0	
2	12.717	12.717	0.000	270947	1000.0	1000.0	
2	13.253	13.253	0.000	228208	1000.0	1000.0	
2	13.480	13.480	0.000	67921	1000.0	1000.0	
2	14.180	14.180	0.000	102368	1000.0	1000.0	
2	14.853	14.853	0.000	651089	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

a - User Assigned ID

### Reagents:

SG1268L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D

Injection Date: 21-Jan-2019 22:09:00

Instrument ID: CPESTGC7

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

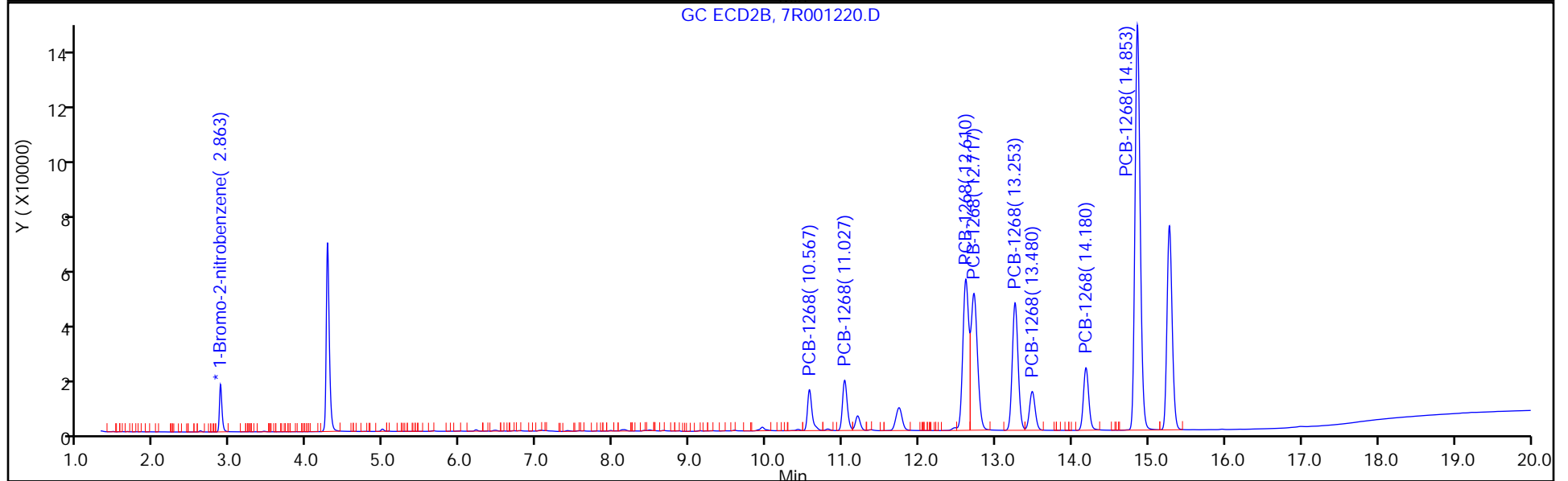
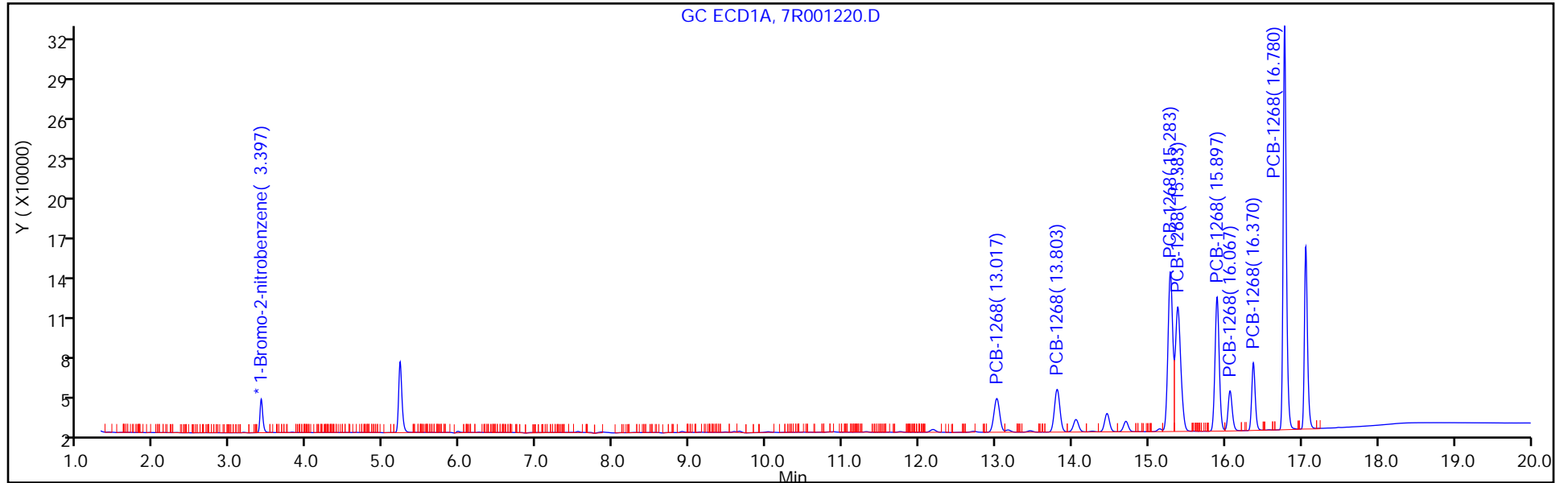
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 11:55 Calibration End Date: 01/23/2019 13:06 Calibration ID: 73036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/3	8F134569.D
Level 2	IC 460-584660/4	8F134570.D
Level 3	IC 460-584660/2	8F134568.D
Level 4	IC 460-584660/5	8F134571.D
Level 5	IC 460-584660/6	8F134572.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0200	0.0257	0.0225	0.0210	0.0259	Ave		0.0230			11.7	20.0				0.9900	
PCB-1016 Peak 2	0.0456	0.0576	0.0498	0.0461	0.0567	Ave		0.0512			11.1	20.0				0.9900	
PCB-1016 Peak 3	0.0819	0.0959	0.0851	0.0797	0.1008	Ave		0.0887			10.4	20.0				0.9900	
PCB-1016 Peak 4	0.0383	0.0429	0.0378	0.0353	0.0443	Ave		0.0397			9.5	20.0				0.9900	
PCB-1016 Peak 5	0.0244	0.0294	0.0266	0.0254	0.0332	Ave		0.0278			12.8	20.0				0.9900	
PCB-1016 Peak 6	0.0302	0.0322	0.0272	0.0254	0.0316	Ave		0.0293			10.0	20.0				0.9900	
PCB-1016 Peak 7	0.0300	0.0374	0.0327	0.0309	0.0398	Ave		0.0341			12.4	20.0				0.9900	
PCB-1016 Peak 8	0.0325	0.0365	0.0334	0.0296	0.0382	Ave		0.0340			9.9	20.0				0.9900	
PCB-1260 Peak 1	0.0270	0.0321	0.0275	0.0264	0.0333	Ave		0.0293			11.0	20.0				0.9900	
PCB-1260 Peak 2	0.0628	0.0763	0.0679	0.0607	0.0748	Ave		0.0685			10.2	20.0				0.9900	
PCB-1260 Peak 3	0.0712	0.0861	0.0746	0.0678	0.0839	Ave		0.0767			10.4	20.0				0.9900	
PCB-1260 Peak 4	0.0435	0.0542	0.0455	0.0432	0.0540	Ave		0.0480			11.6	20.0				0.9900	
PCB-1260 Peak 5	0.0466	0.0552	0.0470	0.0461	0.0585	Ave		0.0507			11.3	20.0				0.9900	
PCB-1260 Peak 6	0.1012	0.1232	0.1045	0.1020	0.1292	Ave		0.1120			11.8	20.0				0.9900	
PCB-1260 Peak 7	0.0732	0.0867	0.0756	0.0741	0.0960	Ave		0.0811			12.2	20.0				0.9900	
PCB-1260 Peak 8	0.0228	0.0323	0.0252	0.0255	0.0328	Ave		0.0277			16.3	20.0				0.9900	
Tetrachloro-m-xylene	0.8242	1.1188	1.0044	1.0158	1.3115	Ave		1.0549			16.9	20.0				0.9900	
DCB Decachlorobiphenyl	0.9993	1.1792	1.1012	1.0117	1.2823	Ave		1.1147			10.6	20.0				0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 11:55 Calibration End Date: 01/23/2019 13:06 Calibration ID: 73036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/3	8F134569.D
Level 2	IC 460-584660/4	8F134570.D
Level 3	IC 460-584660/2	8F134568.D
Level 4	IC 460-584660/5	8F134571.D
Level 5	IC 460-584660/6	8F134572.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	83234	1058412	1860028	2577372	4771364	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	189589	2371088	4118485	5655917	10430768	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	340385	3945195	7032265	9778161	18550767	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	159300	1767400	3122295	4328525	8153183	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	101320	1210386	2200360	3114646	6112713	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	125350	1323493	2247453	3108919	5810465	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	124575	1537191	2703516	3789424	7321061	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	135003	1503039	2763647	3629985	7019455	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	112353	1323072	2270259	3231383	6135230	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	260807	3140017	5609397	7443607	13762888	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	295829	3542323	6162994	8315698	15431256	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	180587	2228614	3757988	5293518	9932975	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	193838	2271312	3884681	5653330	10756596	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	420581	5068168	8638286	12501595	23769347	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	304056	3568147	6245455	9090478	17654723	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	94644	1327560	2085468	3123908	6034904	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	856226	4604433	8301221	12455743	19303172	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1038177	4852694	9101142	12405166	18874265	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134568.D  
 Lims ID: IC PCB 3  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 23-Jan-2019 11:55:43 ALS Bottle#: 6 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: pcb3  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:03 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: patelji Date: 23-Jan-2019 12:23:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1652941	20.0	20.0	
2	1.411	1.411	0.000	1364304	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.372	2.372	0.000	8301221	100.0	95.2	M
2	2.079	2.079	0.000	9258658	100.0	99.4	
						RPD = 4.33	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.941	2.941	0.000	1860028	1000.0	976.7	M
1	3.429	3.429	0.000	4118485	1000.0	973.7	
1	3.977	3.977	0.000	7032265	1000.0	959.4	
1	4.138	4.138	0.000	3122295	1000.0	950.8	
1	4.257	4.257	0.000	2200360	1000.0	957.4	
1	4.710	4.710	0.000	2247453	1000.0	928.4	M
1	4.859	4.859	0.000	2703516	1000.0	957.9	M
1	5.227	5.227	0.000	2763647	1000.0	982.3	M

Average of Peak Amounts = 960.8

2	2.465	2.465	0.000	2134351	1000.0	970.7	
2	2.851	2.851	0.000	4298578	1000.0	978.6	M
2	3.068	3.068	0.000	2756100	1000.0	992.8	M
2	3.367	3.367	0.000	8582383	1000.0	1028.0	M
2	3.519	3.519	0.000	3395884	1000.0	1012.4	M
2	3.587	3.587	0.000	2229622	1000.0	1007.4	M
2	3.993	3.993	0.000	3747416	1000.0	1005.8	M
2	4.437	4.437	0.000	2134043	1000.0	1040.8	M

Average of Peak Amounts = 1004.6

RPD = 4.45

8 PCB-1260

1	6.141	6.141	0.000	2270259	1000.0	938.4	M
1	6.374	6.374	0.000	5609397	1000.0	991.0	M
1	6.724	6.724	0.000	6162994	1000.0	972.2	M
1	7.491	7.491	0.000	3757988	1000.0	946.4	M
1	8.034	8.034	0.000	3884681	1000.0	927.4	M
1	8.582	8.582	0.000	8638286	1000.0	933.2	M
1	9.363	9.363	0.000	6245455	1000.0	931.7	
1	10.228	10.228	0.000	2085468	1000.0	910.7	

Average of Peak Amounts = 943.9

2	5.432	5.432	0.000	5387167	1000.0	958.8	M
2	6.166	6.166	0.000	9638136	1000.0	1022.2	M
2	6.338	6.338	0.000	4082958	1000.0	941.7	M
2	6.707	6.707	0.000	4470134	1000.0	957.3	M
2	7.227	7.227	0.000	10495676	1000.0	963.8	M
2	7.717	7.717	0.000	5601472	1000.0	978.1	M
2	7.881	7.881	0.000	3001983	1000.0	990.8	M
2	8.989	8.989	0.000	2639612	1000.0	936.8	M

Average of Peak Amounts = 968.7

RPD = 2.60

\$ 11 DCB Decachlorobiphenyl

1	10.802	10.802	0.000	9101142	100.0	98.8	
2	9.857	9.857	0.000	10370598	100.0	98.8	

RPD = 0.06

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3_00033	Amount Added: 1.00	Units: mL	
SG1260ResPCB_00001	Amount Added: 1.00	Units: mL	
SGPCBISTD_00012	Amount Added: 20.00	Units: uL	Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134568.D

Injection Date: 23-Jan-2019 11:55:43

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 2

Client ID:

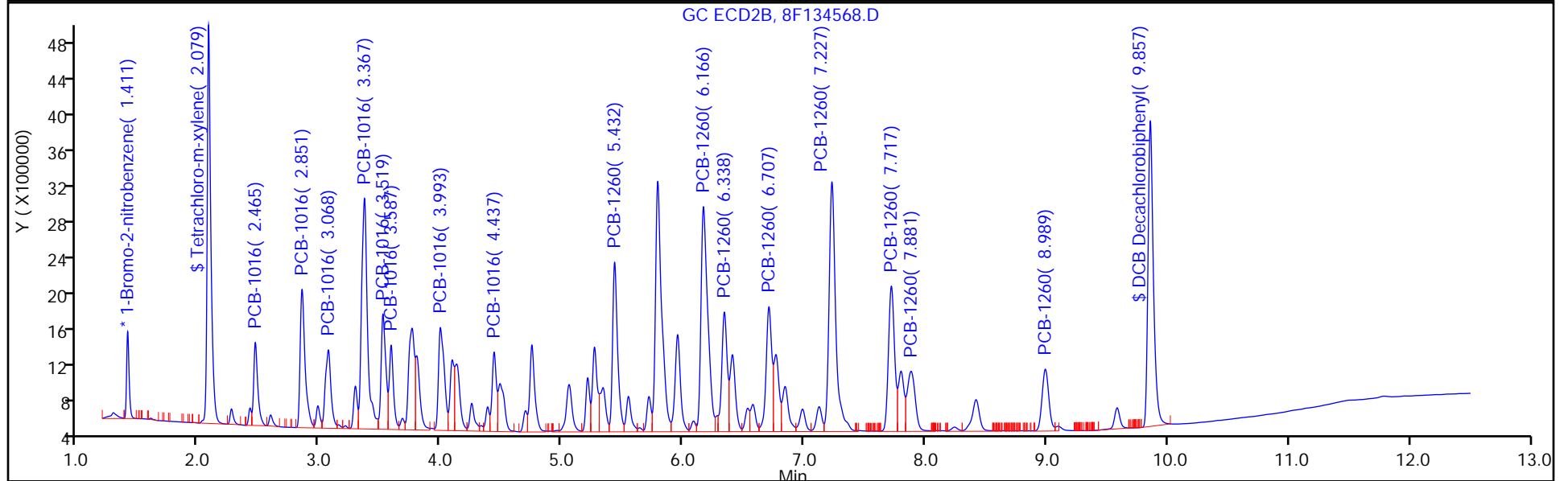
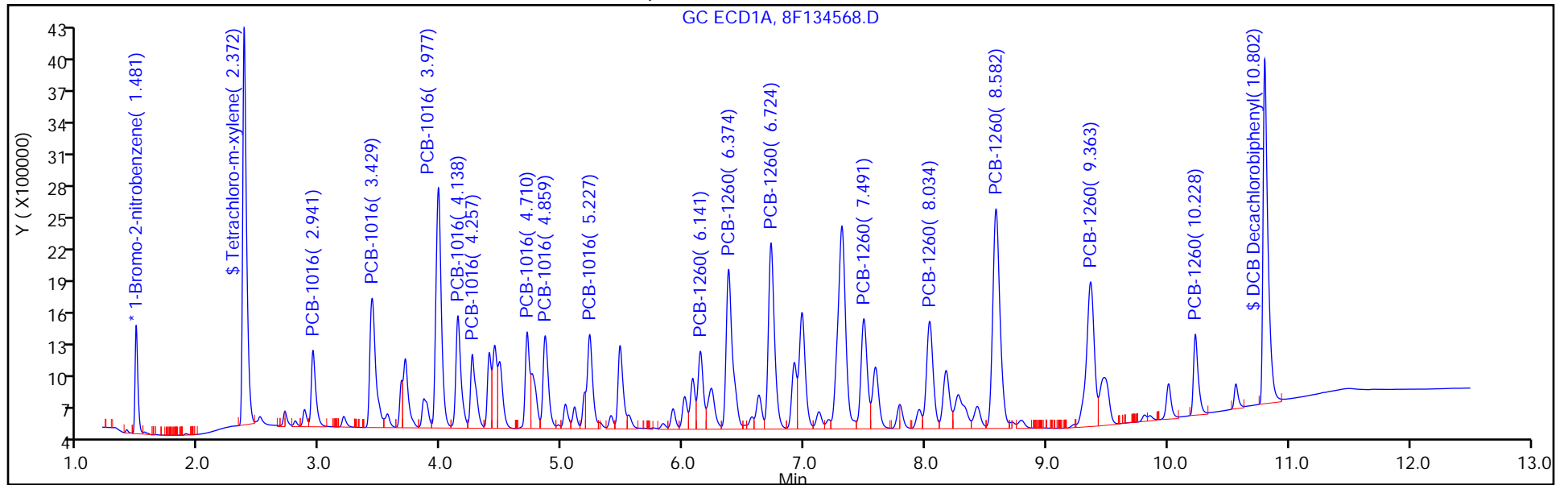
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134569.D  
 Lims ID: IC PCB 1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 23-Jan-2019 12:12:58 ALS Bottle#: 7 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:11 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:08:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1662260	20.0	20.0	
2	1.412	1.411	0.001	1371692	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.371	2.372	-0.001	856226	12.5	9.77	M
2	2.079	2.079	0.000	952855	12.5	10.2	
						RPD = 4.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.939	2.941	-0.002	83234	50.0	43.5	M
1	3.426	3.429	-0.003	189589	50.0	44.6	M
1	3.974	3.977	-0.003	340385	50.0	46.2	M
1	4.135	4.138	-0.003	159300	50.0	48.2	M
1	4.254	4.257	-0.003	101320	50.0	43.8	M
1	4.707	4.710	-0.003	125350	50.0	51.5	M
1	4.855	4.859	-0.004	124575	50.0	43.9	M
1	5.224	5.227	-0.003	135003	50.0	47.7	M

Average of Peak Amounts = 46.2

2	2.465	2.465	0.000	107665	50.0	48.7	
2	2.851	2.851	0.000	221319	50.0	50.1	
2	3.068	3.068	0.000	129216	50.0	46.3	
2	3.365	3.367	-0.002	357915	50.0	42.6	M
2	3.518	3.519	-0.001	148568	50.0	44.1	M
2	3.586	3.587	-0.001	91012	50.0	40.9	M
2	3.992	3.993	-0.001	169642	50.0	45.3	M
2	4.436	4.437	-0.001	96504	50.0	46.8	M

Average of Peak Amounts = 45.6

RPD = 1.25

8 PCB-1260

1	6.137	6.141	-0.004	112353	50.0	46.2	M
1	6.370	6.374	-0.004	260807	50.0	45.8	M
1	6.719	6.724	-0.005	295829	50.0	46.4	M
1	7.486	7.491	-0.005	180587	50.0	45.2	M
1	8.029	8.034	-0.005	193838	50.0	46.0	M
1	8.576	8.582	-0.006	420581	50.0	45.2	M
1	9.359	9.363	-0.004	304056	50.0	45.1	M
1	10.227	10.228	-0.001	94644	50.0	41.1	M

Average of Peak Amounts = 45.1

2	5.432	5.432	0.000	302180	50.0	53.5	M
2	6.164	6.166	-0.002	439903	50.0	46.4	M
2	6.338	6.338	0.000	215090	50.0	49.3	M
2	6.705	6.707	-0.002	230922	50.0	49.2	M
2	7.224	7.227	-0.003	510321	50.0	46.6	M
2	7.714	7.717	-0.003	264644	50.0	46.0	M
2	7.877	7.881	-0.004	133492	50.0	43.8	M
2	8.987	8.989	-0.002	123853	50.0	43.7	M

Average of Peak Amounts = 47.3

RPD = 4.74

\$ 11 DCB Decachlorobiphenyl

1	10.798	10.802	-0.004	1038177	12.5	11.2	M
2	9.856	9.857	-0.001	1273501	12.5	12.1	M

RPD = 7.45

S 12 Polychlorinated biphenyls, Total

1						91.3	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L1\_00018

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134569.D

Injection Date: 23-Jan-2019 12:12:58

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 3

Client ID:

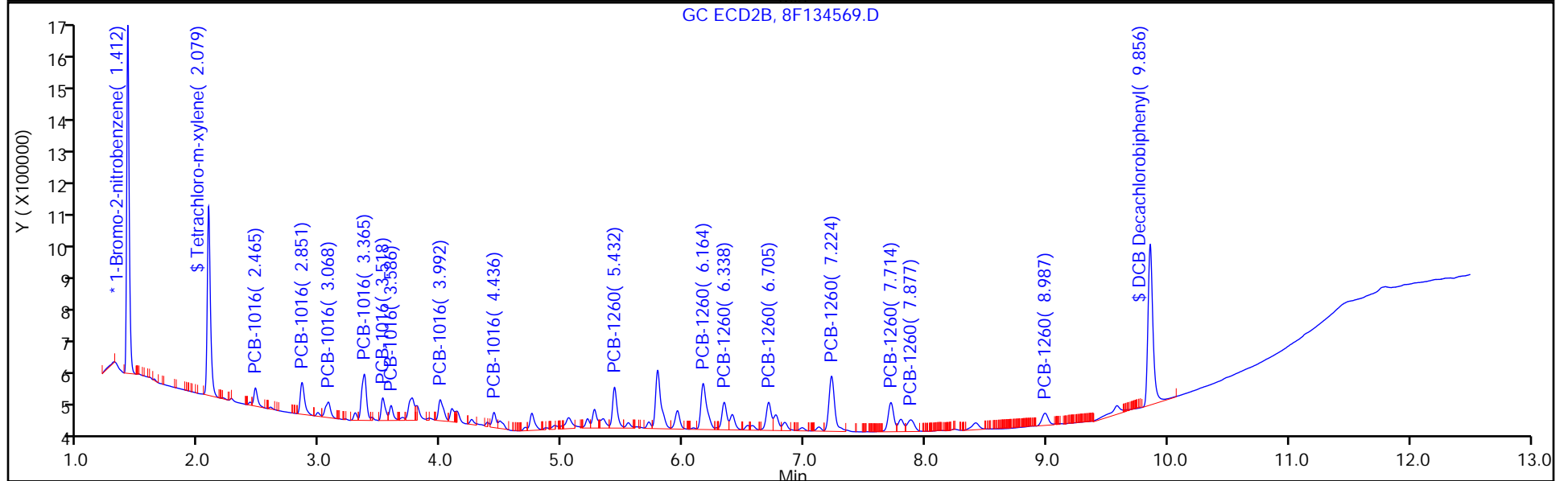
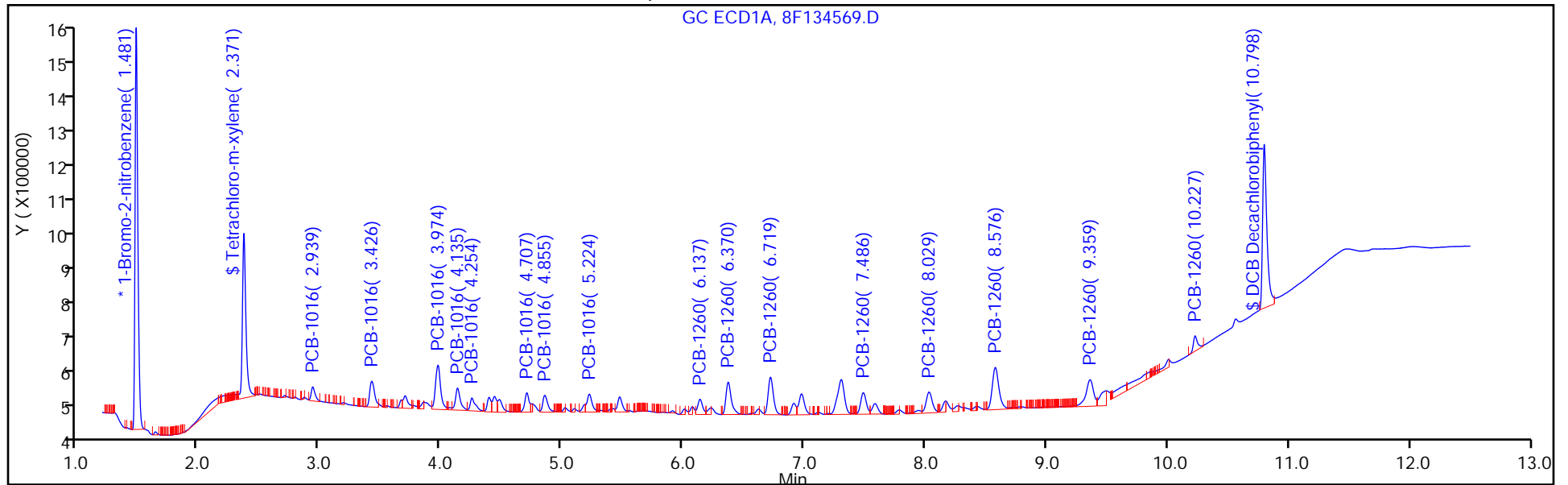
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134570.D  
 Lims ID: IC PCB 2  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 23-Jan-2019 12:30:45 ALS Bottle#: 8 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-004  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:25 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:15:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.482	1.481	0.001	1646131	20.0	20.0	
2	1.412	1.411	0.001	1379519	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.373	2.372	0.001	4604433	50.0	53.0	M
2	2.080	2.079	0.001	5036500	50.0	53.5	
RPD = 0.87							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.942	2.941	0.001	1058412	500.0	558.1	M
1	3.430	3.429	0.001	2371088	500.0	562.9	M
1	3.977	3.977	0.000	3945195	500.0	540.5	M
1	4.137	4.138	-0.001	1767400	500.0	540.4	M
1	4.257	4.257	0.000	1210386	500.0	528.8	M
1	4.710	4.710	0.000	1323493	500.0	549.0	M
1	4.858	4.859	-0.001	1537191	500.0	546.9	M
1	5.227	5.227	0.000	1503039	500.0	536.5	M

Average of Peak Amounts = 545.4

2	2.466	2.465	0.001	1228596	500.0	552.6	
2	2.852	2.851	0.001	2494456	500.0	561.6	M
2	3.069	3.068	0.001	1548946	500.0	551.8	M
2	3.367	3.367	0.000	4576712	500.0	542.2	M
2	3.519	3.519	0.000	1943658	500.0	573.0	M
2	3.587	3.587	0.000	1239606	500.0	553.9	M
2	3.993	3.993	0.000	2159920	500.0	573.3	M
2	4.437	4.437	0.000	1173070	500.0	565.8	M

Average of Peak Amounts = 559.3

RPD = 2.52

8 PCB-1260

							M
1	6.141	6.141	0.000	1323072	500.0	549.2	M
1	6.373	6.374	-0.001	3140017	500.0	557.0	M
1	6.723	6.724	-0.001	3542323	500.0	561.1	M
1	7.490	7.491	-0.001	2228614	500.0	563.5	M
1	8.032	8.034	-0.002	2271312	500.0	544.5	M
1	8.581	8.582	-0.001	5068168	500.0	549.8	M
1	9.362	9.363	-0.001	3568147	500.0	534.5	M
1	10.228	10.228	0.000	1327560	500.0	582.1	M

Average of Peak Amounts = 555.2

2	5.432	5.432	0.000	3151398	500.0	554.7	M
2	6.166	6.166	0.000	5284296	500.0	554.3	M
2	6.338	6.338	0.000	2581997	500.0	588.9	M
2	6.706	6.707	-0.001	2665806	500.0	564.6	M
2	7.227	7.227	0.000	6206000	500.0	563.6	M
2	7.717	7.717	0.000	3205631	500.0	553.6	M
2	7.879	7.881	-0.002	1692397	500.0	552.4	M
2	8.988	8.989	-0.001	1623973	500.0	570.0	M

Average of Peak Amounts = 562.8

RPD = 1.35

\$ 11 DCB Decachlorobiphenyl

							M
1	10.798	10.802	-0.004	4852694	50.0	52.9	M
2	9.857	9.857	0.000	5703441	50.0	53.8	

RPD = 1.63

S 12 Polychlorinated biphenyls, Total

1						1100.6	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L2\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134570.D

Injection Date: 23-Jan-2019 12:30:45

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 4

Client ID:

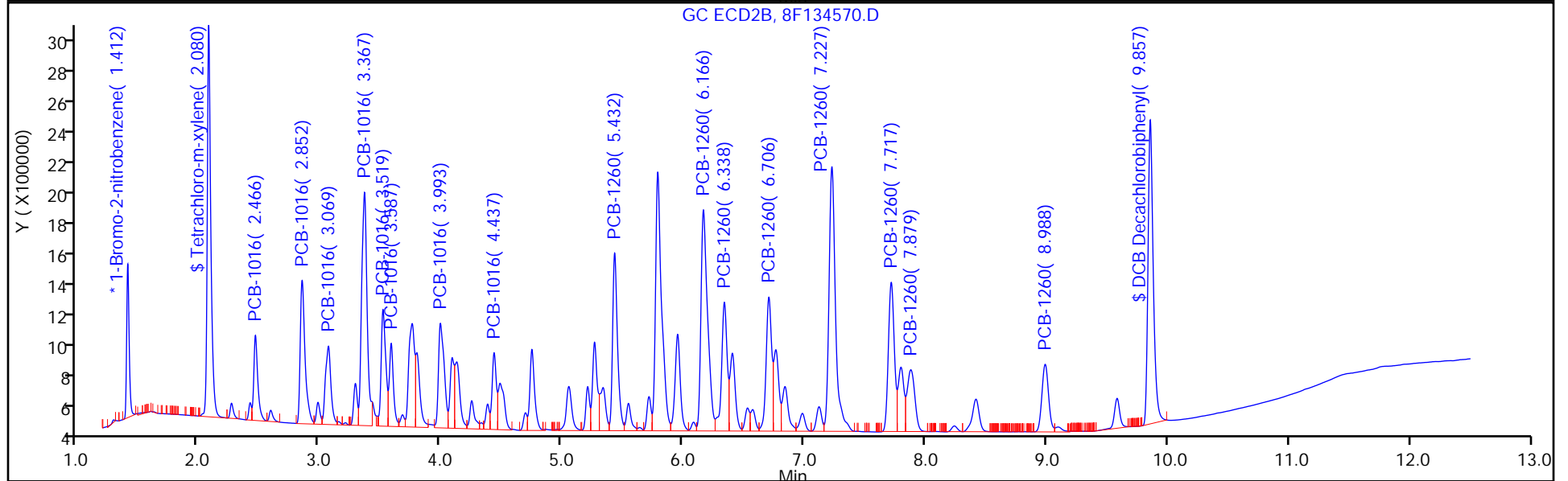
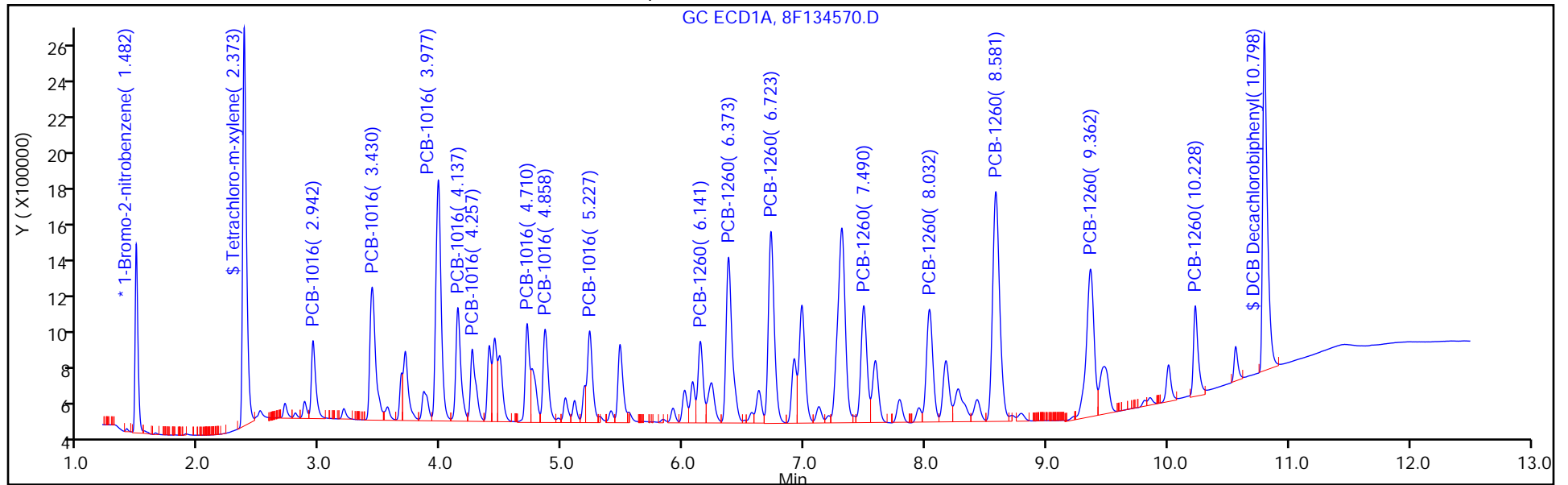
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134571.D  
 Lims ID: IC PCB 4  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 23-Jan-2019 12:48:32 ALS Bottle#: 9 Worklist Smp#: 5  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-005  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:34 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:13:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1634865	20.0	20.0	
2	1.411	1.411	0.000	1361665	20.0	20.0	
RPD = 0.00							

\$ 2 Tetrachloro-m-xylene

1	2.372	2.372	0.000	12455743	150.0	144.4	M
2	2.079	2.079	0.000	13203790	150.0	142.1	
RPD = 1.66							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016 M

1	2.941	2.941	0.000	2577372	1500.0	1368.4	M
1	3.430	3.429	0.001	5655917	1500.0	1352.0	M
1	3.977	3.977	0.000	9778161	1500.0	1348.8	M
1	4.137	4.138	-0.001	4328525	1500.0	1332.6	M
1	4.257	4.257	0.000	3114646	1500.0	1370.2	M
1	4.710	4.710	0.000	3108919	1500.0	1298.5	M
1	4.858	4.859	-0.001	3789424	1500.0	1357.6	M
1	5.226	5.227	-0.001	3629985	1500.0	1304.5	M

Average of Peak Amounts = 1341.6

2	2.465	2.465	0.000	2958834	1500.0	1348.2	
2	2.851	2.851	0.000	5783813	1500.0	1319.3	M
2	3.068	3.068	0.000	3764721	1500.0	1358.7	M
2	3.367	3.367	0.000	11628171	1500.0	1395.5	M
2	3.518	3.519	-0.001	4559245	1500.0	1361.8	M
2	3.587	3.587	0.000	3077813	1500.0	1393.3	M
2	3.993	3.993	0.000	5005167	1500.0	1345.9	M
2	4.437	4.437	0.000	2638023	1500.0	1289.1	M

Average of Peak Amounts = 1351.5

RPD = 0.74

8 PCB-1260 M

1	6.140	6.141	-0.001	3231383	1500.0	1350.5	M
1	6.372	6.374	-0.002	7443607	1500.0	1329.6	M
1	6.722	6.724	-0.002	8315698	1500.0	1326.2	M
1	7.489	7.491	-0.002	5293518	1500.0	1347.8	M
1	8.032	8.034	-0.002	5653330	1500.0	1364.6	M
1	8.581	8.582	-0.001	12501595	1500.0	1365.4	M
1	9.362	9.363	-0.001	9090478	1500.0	1371.1	
1	10.232	10.228	0.004	3123908	1500.0	1379.2	M

Average of Peak Amounts = 1354.3

2	5.432	5.432	0.000	7251855	1500.0	1293.2	M
2	6.165	6.166	-0.001	12611156	1500.0	1340.1	M
2	6.338	6.338	0.000	5717410	1500.0	1321.2	M
2	6.706	6.707	-0.001	6299059	1500.0	1351.6	M
2	7.227	7.227	0.000	14914586	1500.0	1372.2	M
2	7.717	7.717	0.000	7895466	1500.0	1381.4	
2	7.880	7.881	-0.001	4209470	1500.0	1392.1	
2	8.988	8.989	-0.001	3945216	1500.0	1402.9	

Average of Peak Amounts = 1356.8

RPD = 0.19

\$ 11 DCB Decachlorobiphenyl M

1	10.807	10.802	0.005	12405166	150.0	136.1	M
2	9.857	9.857	0.000	14066816	150.0	134.3	

RPD = 1.34

S 12 Polychlorinated biphenyls, Total

1						2695.9	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134571.D

Injection Date: 23-Jan-2019 12:48:32

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

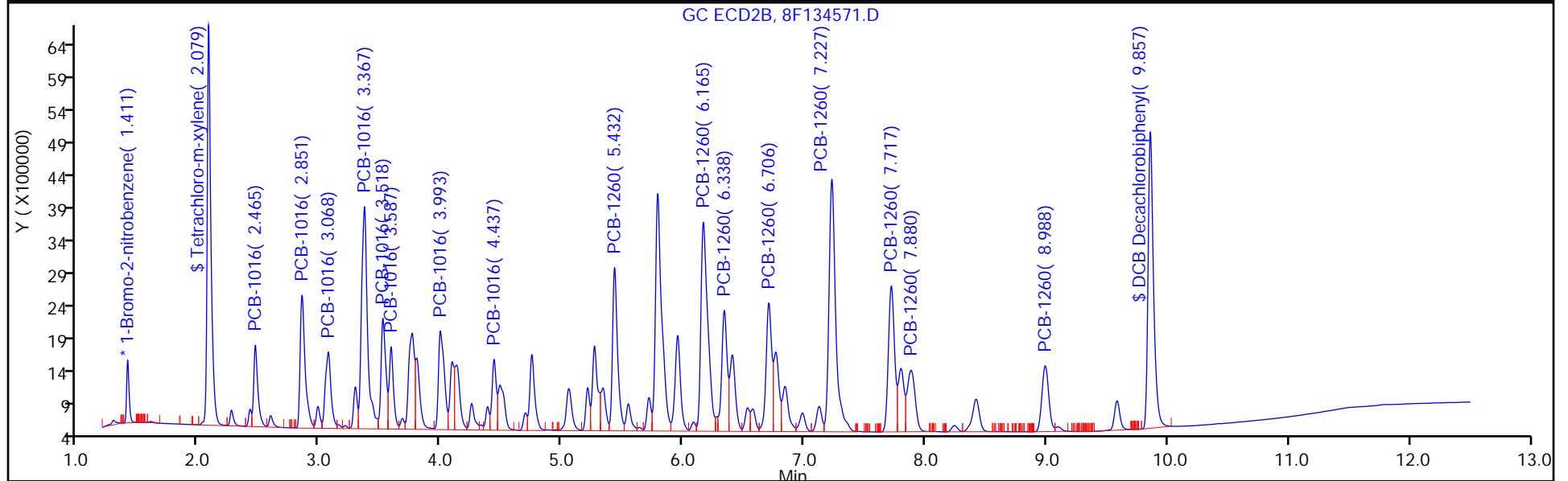
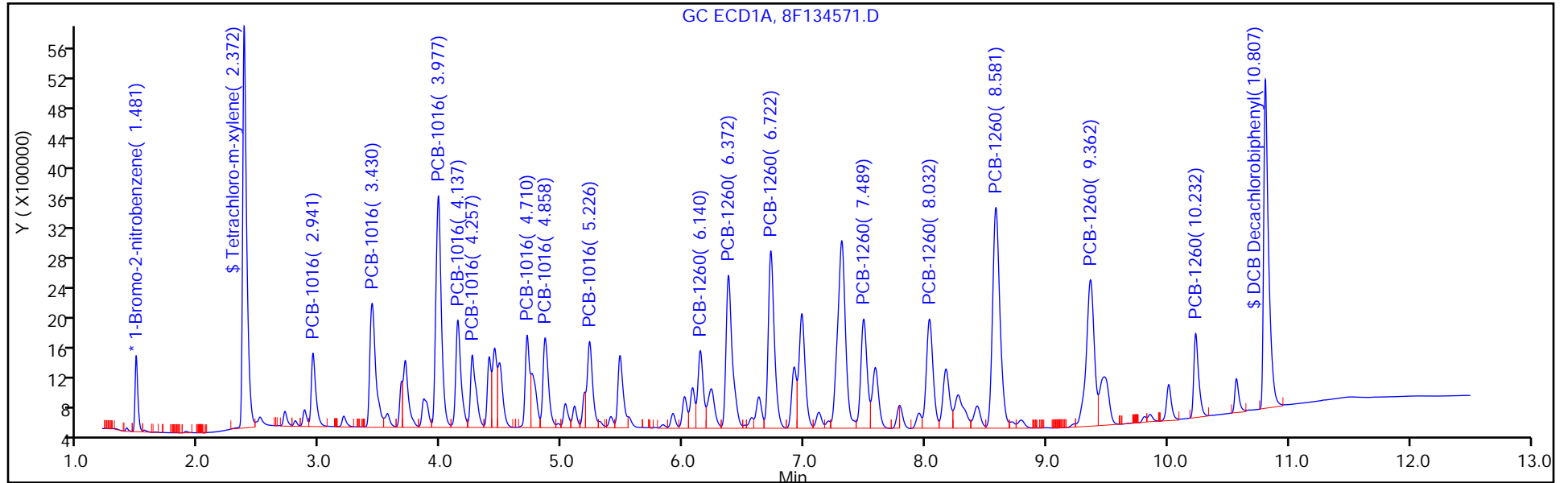
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134572.D  
 Lims ID: IC PCB 5  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 23-Jan-2019 13:06:13 ALS Bottle#: 10 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-006  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:42 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:11:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1471866	20.0	20.0	
2	1.411	1.411	0.000	1282007	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.373	2.372	0.001	19303172	200.0	248.6	M
2	2.080	2.079	0.001	20556396	200.0	234.9	M
						RPD = 5.67	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.941	2.941	0.000	4771364	2500.0	2813.8	
1	3.429	3.429	0.000	10430768	2500.0	2769.4	M
1	3.977	3.977	0.000	18550767	2500.0	2842.2	M
1	4.138	4.138	0.000	8153183	2500.0	2788.1	M
1	4.257	4.257	0.000	6112713	2500.0	2986.9	M
1	4.710	4.710	0.000	5810465	2500.0	2695.5	M
1	4.858	4.859	-0.001	7321061	2500.0	2913.2	M
1	5.226	5.227	-0.001	7019455	2500.0	2801.9	M

Average of Peak Amounts = 2826.4

2	2.465	2.465	0.000	5430948	2500.0	2628.4	
2	2.852	2.851	0.001	10486052	2500.0	2540.6	
2	3.068	3.068	0.000	6990230	2500.0	2679.6	
2	3.367	3.367	0.000	21661698	2500.0	2761.2	
2	3.519	3.519	0.000	8294589	2500.0	2631.5	
2	3.587	3.587	0.000	5916024	2500.0	2844.6	
2	3.993	3.993	0.000	9143507	2500.0	2611.6	
2	4.437	4.437	0.000	4970829	2500.0	2579.9	

Average of Peak Amounts = 2659.7

RPD = 6.08

8 PCB-1260

1	6.140	6.141	-0.001	6135230	2500.0	2848.1	
1	6.373	6.374	-0.001	13762888	2500.0	2730.6	
1	6.723	6.724	-0.001	15431256	2500.0	2733.6	
1	7.489	7.491	-0.002	9932975	2500.0	2809.1	
1	8.032	8.034	-0.002	10756596	2500.0	2883.9	
1	8.580	8.582	-0.002	23769347	2500.0	2883.6	
1	9.362	9.363	-0.001	17654723	2500.0	2957.8	
1	10.228	10.228	0.000	6034904	2500.0	2959.4	

Average of Peak Amounts = 2850.8

2	5.433	5.432	0.001	13196676	2500.0	2499.5	
2	6.166	6.166	0.000	23208879	2500.0	2619.5	
2	6.338	6.338	0.000	10316990	2500.0	2532.2	
2	6.706	6.707	-0.001	11283179	2500.0	2571.5	
2	7.227	7.227	0.000	27172071	2500.0	2655.3	
2	7.718	7.717	0.001	14455682	2500.0	2686.3	
2	7.880	7.881	-0.001	7827678	2500.0	2749.5	
2	8.989	8.989	0.000	7370612	2500.0	2783.8	

Average of Peak Amounts = 2637.2

RPD = 7.78

\$ 11 DCB Decachlorobiphenyl

1	10.801	10.802	-0.001	18874265	200.0	230.1	
2	9.857	9.857	0.000	21199382	200.0	215.0	

RPD = 6.76

S 12 Polychlorinated biphenyls, Total

1						5677.2	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L5\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134572.D

Injection Date: 23-Jan-2019 13:06:13

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

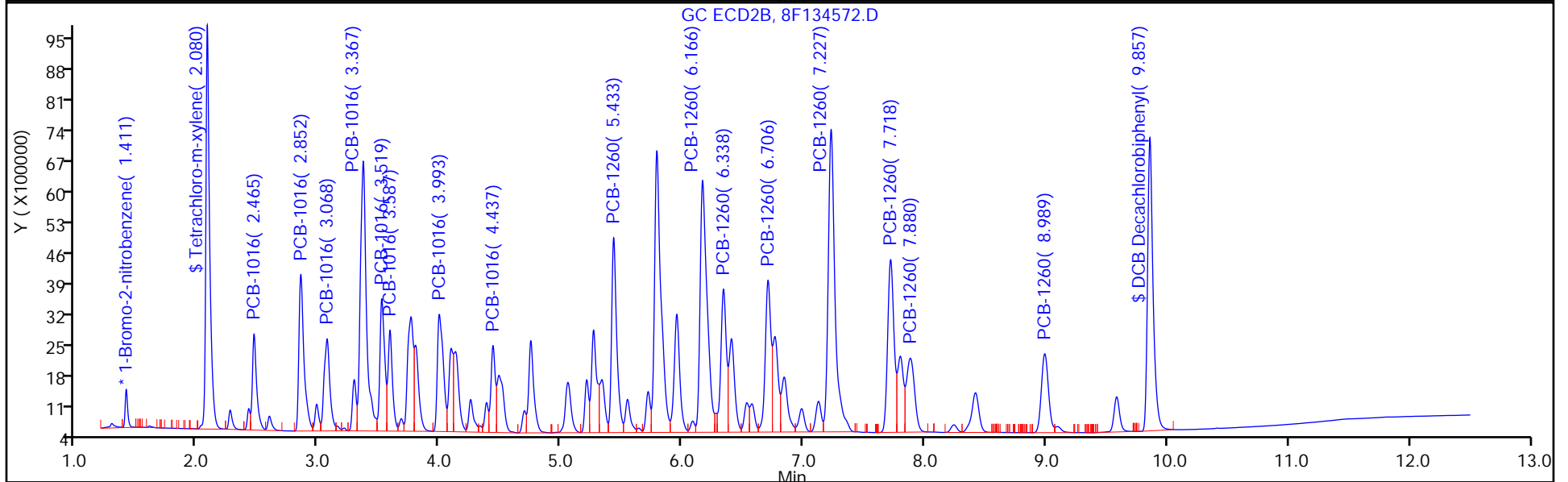
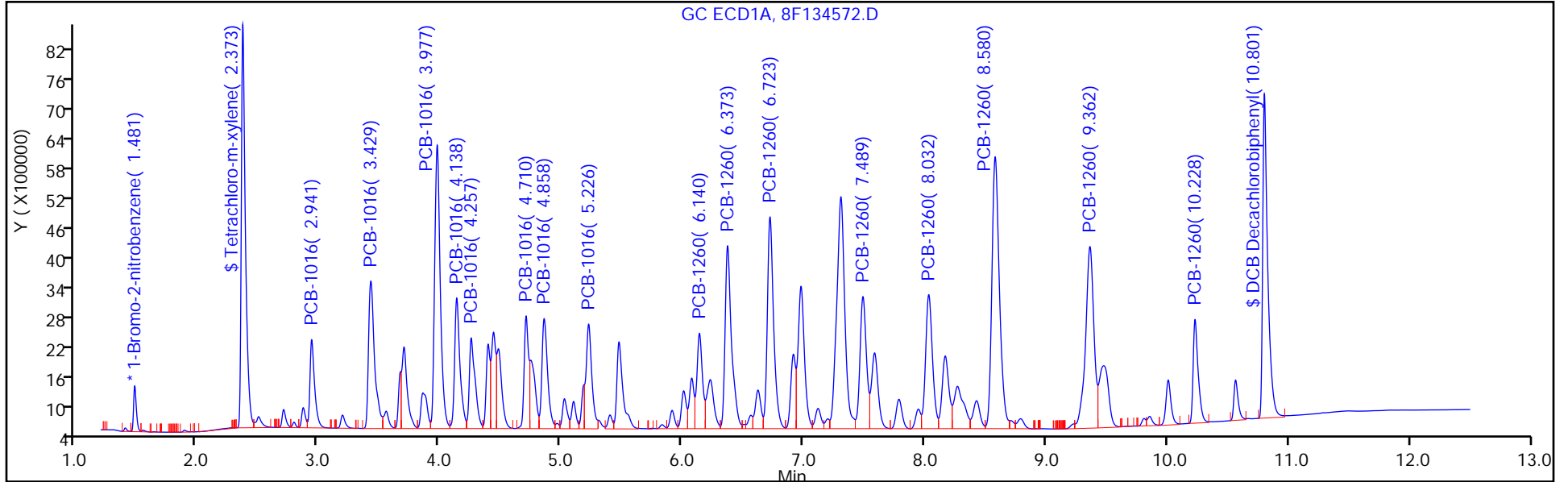
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 11:55 Calibration End Date: 01/23/2019 13:06 Calibration ID: 73037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/3	8F134569.D
Level 2	IC 460-584660/4	8F134570.D
Level 3	IC 460-584660/2	8F134568.D
Level 4	IC 460-584660/5	8F134571.D
Level 5	IC 460-584660/6	8F134572.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0314	0.0356	0.0313	0.0290	0.0339	Ave		0.0322			8.0	20.0				0.9900	
PCB-1016 Peak 2	0.0645	0.0723	0.0630	0.0566	0.0654	Ave		0.0644			8.7	20.0				0.9900	
PCB-1016 Peak 3	0.0377	0.0449	0.0404	0.0369	0.0436	Ave		0.0407			8.7	20.0				0.9900	
PCB-1016 Peak 4	0.1044	0.1327	0.1258	0.1139	0.1352	Ave		0.1224			10.6	20.0				0.9900	
PCB-1016 Peak 5	0.0433	0.0564	0.0498	0.0446	0.0518	Ave		0.0492			10.8	20.0				0.9900	
PCB-1016 Peak 6	0.0265	0.0359	0.0327	0.0301	0.0369	Ave		0.0324			13.1	20.0				0.9900	
PCB-1016 Peak 7	0.0495	0.0626	0.0549	0.0490	0.0571	Ave		0.0546			10.4	20.0				0.9900	
PCB-1016 Peak 8	0.0281	0.0340	0.0313	0.0258	0.0310	Ave		0.0301			10.5	20.0				0.9900	
PCB-1260 Peak 1	0.0881	0.0914	0.0790	0.0710	0.0824	Ave		0.0824			9.7	20.0				0.9900	
PCB-1260 Peak 2	0.1283	0.1532	0.1413	0.1235	0.1448	Ave		0.1382			8.8	20.0				0.9900	
PCB-1260 Peak 3	0.0627	0.0749	0.0599	0.0560	0.0644	Ave		0.0636			11.1	20.0				0.9900	
PCB-1260 Peak 4	0.0673	0.0773	0.0655	0.0617	0.0704	Ave		0.0685			8.6	20.0				0.9900	
PCB-1260 Peak 5	0.1488	0.1799	0.1539	0.1460	0.1696	Ave		0.1596			9.1	20.0				0.9900	
PCB-1260 Peak 6	0.0772	0.0929	0.0821	0.0773	0.0902	Ave		0.0840			8.7	20.0				0.9900	
PCB-1260 Peak 7	0.0389	0.0491	0.0440	0.0412	0.0488	Ave		0.0444			10.2	20.0				0.9900	
PCB-1260 Peak 8	0.0361	0.0471	0.0387	0.0386	0.0460	Ave		0.0413			11.9	20.0				0.9900	
Tetrachloro-m-xylene	1.1115	1.4604	1.3573	1.2929	1.6035	Ave		1.3651			13.5	20.0				0.9900	
DCB Decachlorobiphenyl	1.4855	1.6537	1.5203	1.3774	1.6536	Ave		1.5381			7.7	20.0				0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 11:55 Calibration End Date: 01/23/2019 13:06 Calibration ID: 73037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/3	8F134569.D
Level 2	IC 460-584660/4	8F134570.D
Level 3	IC 460-584660/2	8F134568.D
Level 4	IC 460-584660/5	8F134571.D
Level 5	IC 460-584660/6	8F134572.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	107665	1228596	2134351	2958834	5430948	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	221319	2494456	4298578	5783813	10486052	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	129216	1548946	2756100	3764721	6990230	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	357915	4576712	8582383	11628171	21661698	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	148568	1943658	3395884	4559245	8294589	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	91012	1239606	2229622	3077813	5916024	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	169642	2159920	3747416	5005167	9143507	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	96504	1173070	2134043	2638023	4970829	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	302180	3151398	5387167	7251855	13196676	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	439903	5284296	9638136	12611156	23208879	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	215090	2581997	4082958	5717410	10316990	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	230922	2665806	4470134	6299059	11283179	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	510321	6206000	10495676	14914586	27172071	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	264644	3205631	5601472	7895466	14455682	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	133492	1692397	3001983	4209470	7827678	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	123853	1623973	2639612	3945216	7370612	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	952855	5036500	9258658	13203790	20556396	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1273501	5703441	10370598	14066816	21199382	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134568.D  
 Lims ID: IC PCB 3  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 23-Jan-2019 11:55:43 ALS Bottle#: 6 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: pcb3  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:03 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: patelji Date: 23-Jan-2019 12:23:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1652941	20.0	20.0	
2	1.411	1.411	0.000	1364304	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.372	2.372	0.000	8301221	100.0	95.2	M
2	2.079	2.079	0.000	9258658	100.0	99.4	
						RPD = 4.33	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	2.941	2.941	0.000	1860028	1000.0	976.7	M
1	3.429	3.429	0.000	4118485	1000.0	973.7	
1	3.977	3.977	0.000	7032265	1000.0	959.4	
1	4.138	4.138	0.000	3122295	1000.0	950.8	
1	4.257	4.257	0.000	2200360	1000.0	957.4	
1	4.710	4.710	0.000	2247453	1000.0	928.4	M
1	4.859	4.859	0.000	2703516	1000.0	957.9	M
1	5.227	5.227	0.000	2763647	1000.0	982.3	M

Average of Peak Amounts = 960.8

2	2.465	2.465	0.000	2134351	1000.0	970.7	
2	2.851	2.851	0.000	4298578	1000.0	978.6	M
2	3.068	3.068	0.000	2756100	1000.0	992.8	M
2	3.367	3.367	0.000	8582383	1000.0	1028.0	M
2	3.519	3.519	0.000	3395884	1000.0	1012.4	M
2	3.587	3.587	0.000	2229622	1000.0	1007.4	M
2	3.993	3.993	0.000	3747416	1000.0	1005.8	M
2	4.437	4.437	0.000	2134043	1000.0	1040.8	M

Average of Peak Amounts = 1004.6

RPD = 4.45

8 PCB-1260

							M
1	6.141	6.141	0.000	2270259	1000.0	938.4	M
1	6.374	6.374	0.000	5609397	1000.0	991.0	M
1	6.724	6.724	0.000	6162994	1000.0	972.2	M
1	7.491	7.491	0.000	3757988	1000.0	946.4	M
1	8.034	8.034	0.000	3884681	1000.0	927.4	M
1	8.582	8.582	0.000	8638286	1000.0	933.2	M
1	9.363	9.363	0.000	6245455	1000.0	931.7	
1	10.228	10.228	0.000	2085468	1000.0	910.7	

Average of Peak Amounts = 943.9

2	5.432	5.432	0.000	5387167	1000.0	958.8	M
2	6.166	6.166	0.000	9638136	1000.0	1022.2	M
2	6.338	6.338	0.000	4082958	1000.0	941.7	M
2	6.707	6.707	0.000	4470134	1000.0	957.3	M
2	7.227	7.227	0.000	10495676	1000.0	963.8	M
2	7.717	7.717	0.000	5601472	1000.0	978.1	M
2	7.881	7.881	0.000	3001983	1000.0	990.8	M
2	8.989	8.989	0.000	2639612	1000.0	936.8	M

Average of Peak Amounts = 968.7

RPD = 2.60

\$ 11 DCB Decachlorobiphenyl

1	10.802	10.802	0.000	9101142	100.0	98.8	
2	9.857	9.857	0.000	10370598	100.0	98.8	

RPD = 0.06

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3_00033	Amount Added: 1.00	Units: mL	
SG1260ResPCB_00001	Amount Added: 1.00	Units: mL	
SGPCBISTD_00012	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134568.D

Injection Date: 23-Jan-2019 11:55:43

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 2

Client ID:

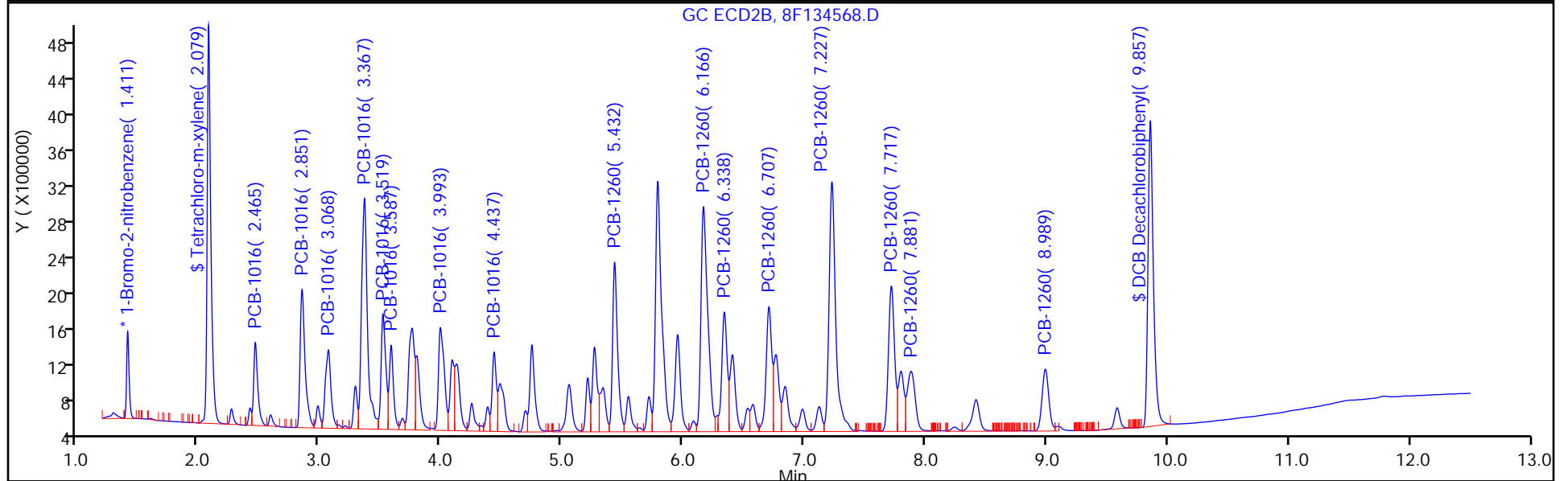
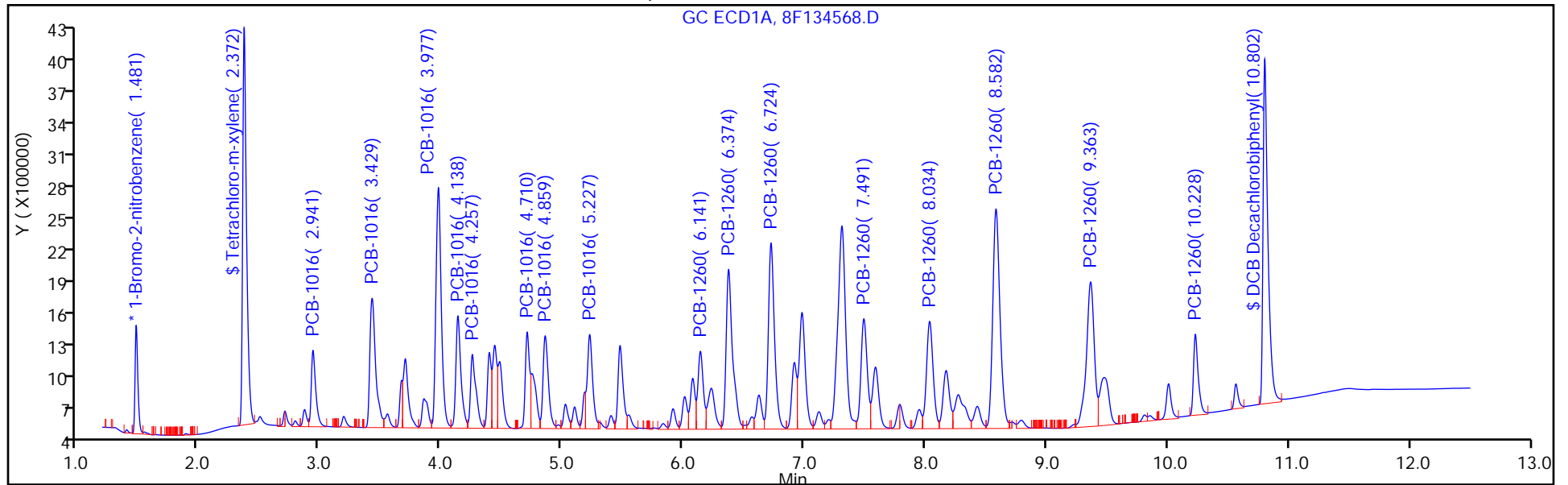
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134569.D  
 Lims ID: IC PCB 1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 23-Jan-2019 12:12:58 ALS Bottle#: 7 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:11 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:08:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1662260	20.0	20.0	
2	1.412	1.411	0.001	1371692	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.371	2.372	-0.001	856226	12.5	9.77	M
2	2.079	2.079	0.000	952855	12.5	10.2	
						RPD = 4.13	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.939	2.941	-0.002	83234	50.0	43.5	M
1	3.426	3.429	-0.003	189589	50.0	44.6	M
1	3.974	3.977	-0.003	340385	50.0	46.2	M
1	4.135	4.138	-0.003	159300	50.0	48.2	M
1	4.254	4.257	-0.003	101320	50.0	43.8	M
1	4.707	4.710	-0.003	125350	50.0	51.5	M
1	4.855	4.859	-0.004	124575	50.0	43.9	M
1	5.224	5.227	-0.003	135003	50.0	47.7	M

Average of Peak Amounts = 46.2

2	2.465	2.465	0.000	107665	50.0	48.7	
2	2.851	2.851	0.000	221319	50.0	50.1	
2	3.068	3.068	0.000	129216	50.0	46.3	
2	3.365	3.367	-0.002	357915	50.0	42.6	M
2	3.518	3.519	-0.001	148568	50.0	44.1	M
2	3.586	3.587	-0.001	91012	50.0	40.9	M
2	3.992	3.993	-0.001	169642	50.0	45.3	M
2	4.436	4.437	-0.001	96504	50.0	46.8	M

Average of Peak Amounts = 45.6

RPD = 1.25

8 PCB-1260

1	6.137	6.141	-0.004	112353	50.0	46.2	M
1	6.370	6.374	-0.004	260807	50.0	45.8	M
1	6.719	6.724	-0.005	295829	50.0	46.4	M
1	7.486	7.491	-0.005	180587	50.0	45.2	M
1	8.029	8.034	-0.005	193838	50.0	46.0	M
1	8.576	8.582	-0.006	420581	50.0	45.2	M
1	9.359	9.363	-0.004	304056	50.0	45.1	M
1	10.227	10.228	-0.001	94644	50.0	41.1	M

Average of Peak Amounts = 45.1

2	5.432	5.432	0.000	302180	50.0	53.5	M
2	6.164	6.166	-0.002	439903	50.0	46.4	M
2	6.338	6.338	0.000	215090	50.0	49.3	M
2	6.705	6.707	-0.002	230922	50.0	49.2	M
2	7.224	7.227	-0.003	510321	50.0	46.6	M
2	7.714	7.717	-0.003	264644	50.0	46.0	M
2	7.877	7.881	-0.004	133492	50.0	43.8	M
2	8.987	8.989	-0.002	123853	50.0	43.7	M

Average of Peak Amounts = 47.3

RPD = 4.74

\$ 11 DCB Decachlorobiphenyl

1	10.798	10.802	-0.004	1038177	12.5	11.2	M
2	9.856	9.857	-0.001	1273501	12.5	12.1	M

RPD = 7.45

S 12 Polychlorinated biphenyls, Total

1						91.3	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L1\_00018

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134569.D

Injection Date: 23-Jan-2019 12:12:58

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 3

Client ID:

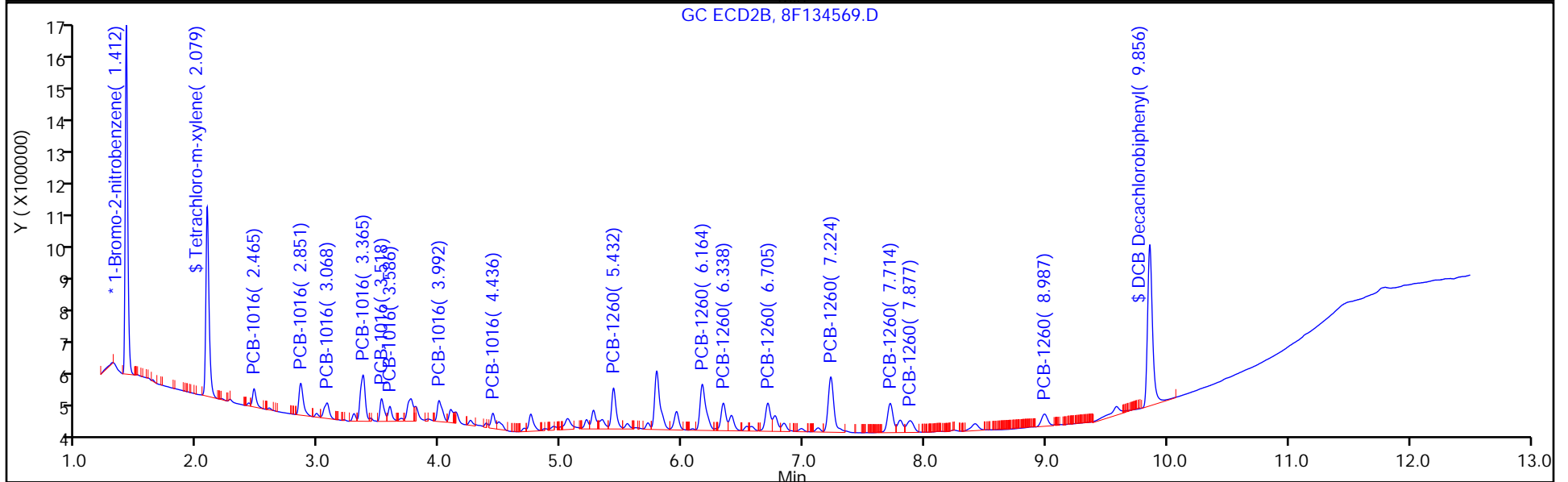
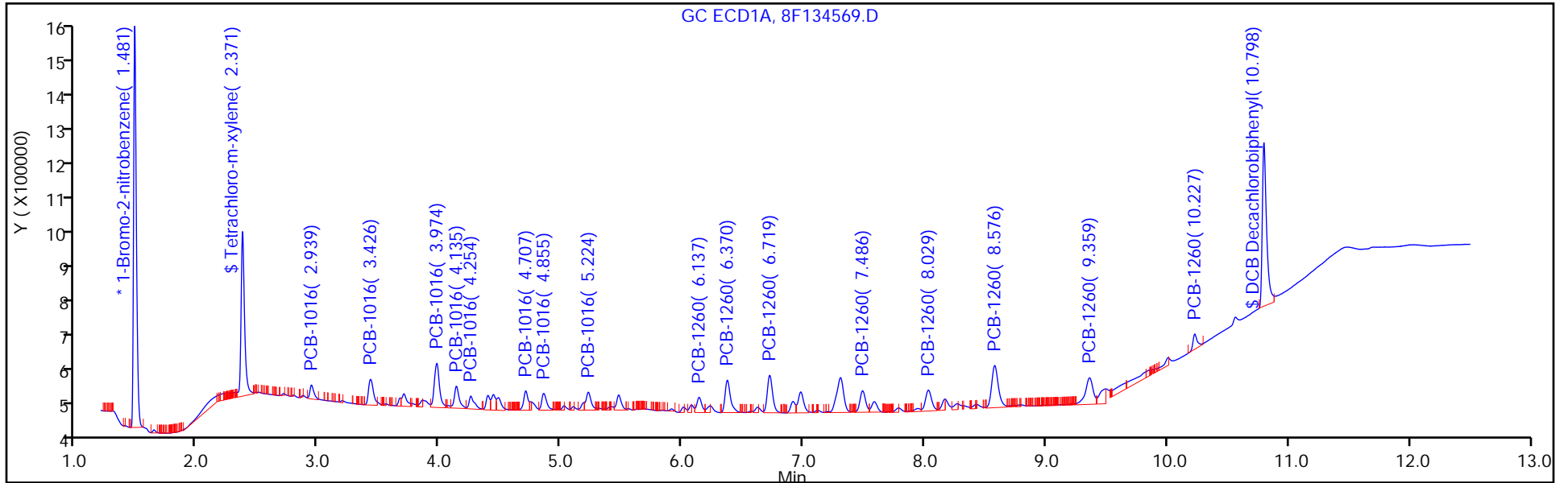
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134570.D  
 Lims ID: IC PCB 2  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 23-Jan-2019 12:30:45 ALS Bottle#: 8 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-004  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:25 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:15:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.482	1.481	0.001	1646131	20.0	20.0	
2	1.412	1.411	0.001	1379519	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.373	2.372	0.001	4604433	50.0	53.0	M
2	2.080	2.079	0.001	5036500	50.0	53.5	
RPD = 0.87							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.942	2.941	0.001	1058412	500.0	558.1	M
1	3.430	3.429	0.001	2371088	500.0	562.9	M
1	3.977	3.977	0.000	3945195	500.0	540.5	M
1	4.137	4.138	-0.001	1767400	500.0	540.4	M
1	4.257	4.257	0.000	1210386	500.0	528.8	M
1	4.710	4.710	0.000	1323493	500.0	549.0	M
1	4.858	4.859	-0.001	1537191	500.0	546.9	M
1	5.227	5.227	0.000	1503039	500.0	536.5	M

Average of Peak Amounts = 545.4

2	2.466	2.465	0.001	1228596	500.0	552.6	
2	2.852	2.851	0.001	2494456	500.0	561.6	M
2	3.069	3.068	0.001	1548946	500.0	551.8	M
2	3.367	3.367	0.000	4576712	500.0	542.2	M
2	3.519	3.519	0.000	1943658	500.0	573.0	M
2	3.587	3.587	0.000	1239606	500.0	553.9	M
2	3.993	3.993	0.000	2159920	500.0	573.3	M
2	4.437	4.437	0.000	1173070	500.0	565.8	M

Average of Peak Amounts = 559.3

RPD = 2.52

8 PCB-1260

1	6.141	6.141	0.000	1323072	500.0	549.2	M
1	6.373	6.374	-0.001	3140017	500.0	557.0	M
1	6.723	6.724	-0.001	3542323	500.0	561.1	M
1	7.490	7.491	-0.001	2228614	500.0	563.5	M
1	8.032	8.034	-0.002	2271312	500.0	544.5	M
1	8.581	8.582	-0.001	5068168	500.0	549.8	M
1	9.362	9.363	-0.001	3568147	500.0	534.5	M
1	10.228	10.228	0.000	1327560	500.0	582.1	M

Average of Peak Amounts = 555.2

2	5.432	5.432	0.000	3151398	500.0	554.7	M
2	6.166	6.166	0.000	5284296	500.0	554.3	M
2	6.338	6.338	0.000	2581997	500.0	588.9	M
2	6.706	6.707	-0.001	2665806	500.0	564.6	M
2	7.227	7.227	0.000	6206000	500.0	563.6	M
2	7.717	7.717	0.000	3205631	500.0	553.6	M
2	7.879	7.881	-0.002	1692397	500.0	552.4	M
2	8.988	8.989	-0.001	1623973	500.0	570.0	M

Average of Peak Amounts = 562.8

RPD = 1.35

\$ 11 DCB Decachlorobiphenyl

1	10.798	10.802	-0.004	4852694	50.0	52.9	M
2	9.857	9.857	0.000	5703441	50.0	53.8	

RPD = 1.63

S 12 Polychlorinated biphenyls, Total

1						1100.6	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L2\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134570.D

Injection Date: 23-Jan-2019 12:30:45

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 4

Client ID:

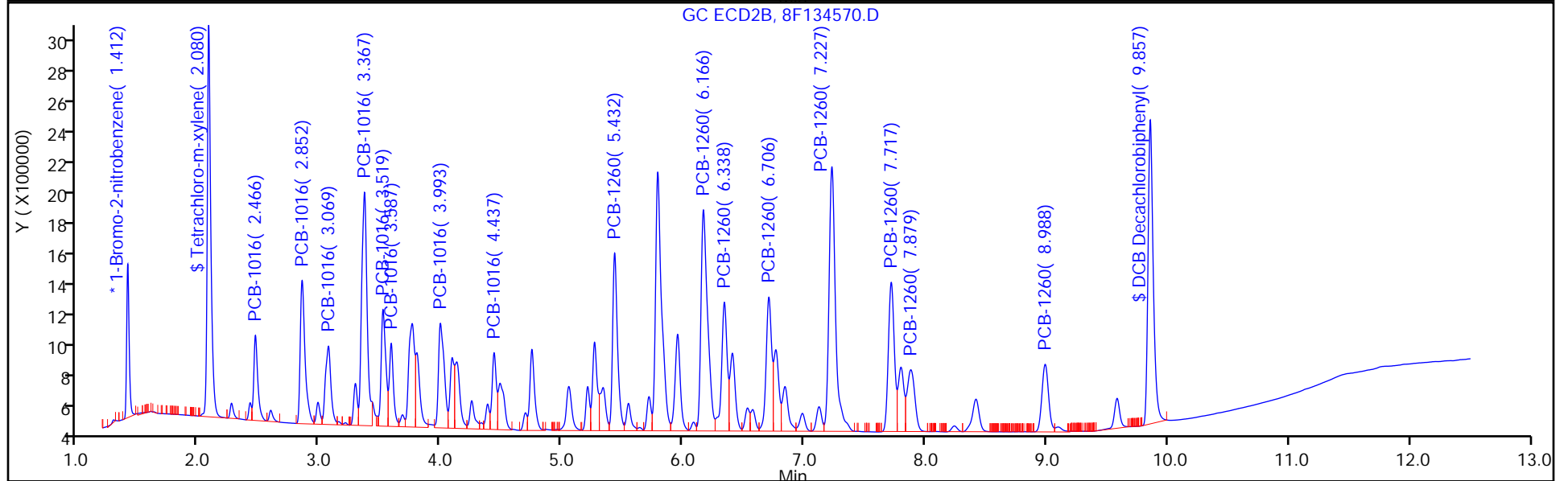
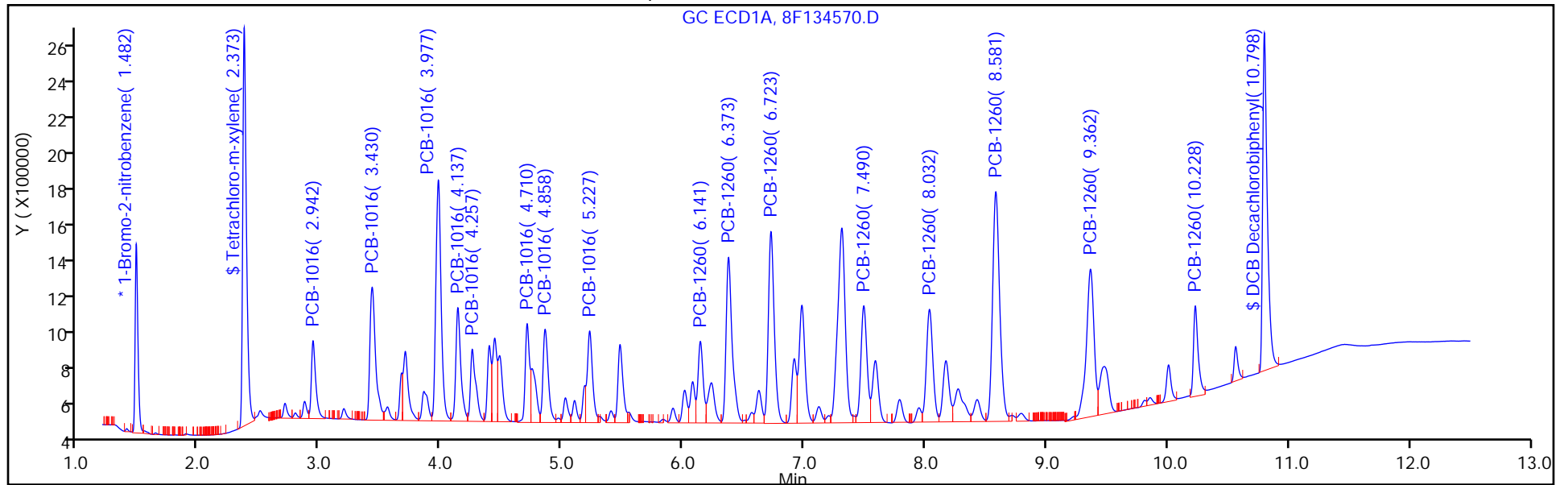
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134571.D  
 Lims ID: IC PCB 4  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 23-Jan-2019 12:48:32 ALS Bottle#: 9 Worklist Smp#: 5  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-005  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:34 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:13:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1634865	20.0	20.0	
2	1.411	1.411	0.000	1361665	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.372	2.372	0.000	12455743	150.0	144.4	M
2	2.079	2.079	0.000	13203790	150.0	142.1	
						RPD = 1.66	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.941	2.941	0.000	2577372	1500.0	1368.4	M
1	3.430	3.429	0.001	5655917	1500.0	1352.0	M
1	3.977	3.977	0.000	9778161	1500.0	1348.8	M
1	4.137	4.138	-0.001	4328525	1500.0	1332.6	M
1	4.257	4.257	0.000	3114646	1500.0	1370.2	M
1	4.710	4.710	0.000	3108919	1500.0	1298.5	M
1	4.858	4.859	-0.001	3789424	1500.0	1357.6	M
1	5.226	5.227	-0.001	3629985	1500.0	1304.5	M

Average of Peak Amounts = 1341.6

2	2.465	2.465	0.000	2958834	1500.0	1348.2	
2	2.851	2.851	0.000	5783813	1500.0	1319.3	M
2	3.068	3.068	0.000	3764721	1500.0	1358.7	M
2	3.367	3.367	0.000	11628171	1500.0	1395.5	M
2	3.518	3.519	-0.001	4559245	1500.0	1361.8	M
2	3.587	3.587	0.000	3077813	1500.0	1393.3	M
2	3.993	3.993	0.000	5005167	1500.0	1345.9	M
2	4.437	4.437	0.000	2638023	1500.0	1289.1	M

Average of Peak Amounts = 1351.5

RPD = 0.74

8 PCB-1260

							M
1	6.140	6.141	-0.001	3231383	1500.0	1350.5	M
1	6.372	6.374	-0.002	7443607	1500.0	1329.6	M
1	6.722	6.724	-0.002	8315698	1500.0	1326.2	M
1	7.489	7.491	-0.002	5293518	1500.0	1347.8	M
1	8.032	8.034	-0.002	5653330	1500.0	1364.6	M
1	8.581	8.582	-0.001	12501595	1500.0	1365.4	M
1	9.362	9.363	-0.001	9090478	1500.0	1371.1	
1	10.232	10.228	0.004	3123908	1500.0	1379.2	M

Average of Peak Amounts = 1354.3

2	5.432	5.432	0.000	7251855	1500.0	1293.2	M
2	6.165	6.166	-0.001	12611156	1500.0	1340.1	M
2	6.338	6.338	0.000	5717410	1500.0	1321.2	M
2	6.706	6.707	-0.001	6299059	1500.0	1351.6	M
2	7.227	7.227	0.000	14914586	1500.0	1372.2	M
2	7.717	7.717	0.000	7895466	1500.0	1381.4	
2	7.880	7.881	-0.001	4209470	1500.0	1392.1	
2	8.988	8.989	-0.001	3945216	1500.0	1402.9	

Average of Peak Amounts = 1356.8

RPD = 0.19

\$ 11 DCB Decachlorobiphenyl

							M
1	10.807	10.802	0.005	12405166	150.0	136.1	M
2	9.857	9.857	0.000	14066816	150.0	134.3	

RPD = 1.34

S 12 Polychlorinated biphenyls, Total

1						2695.9	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134571.D

Injection Date: 23-Jan-2019 12:48:32

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

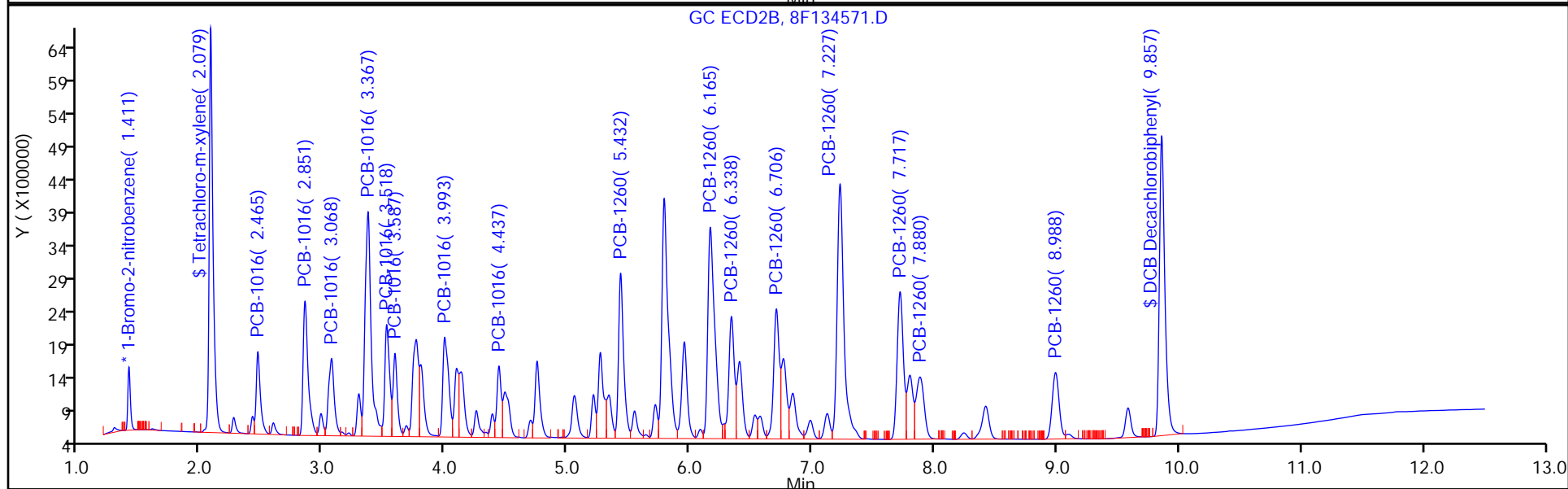
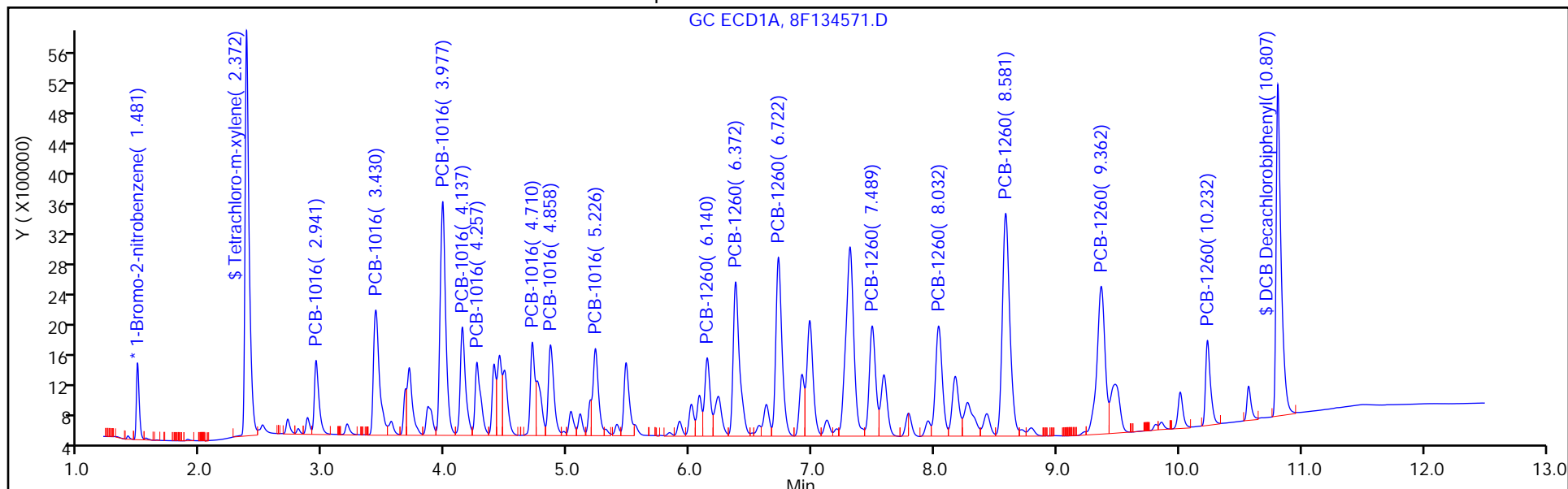
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134572.D  
 Lims ID: IC PCB 5  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 23-Jan-2019 13:06:13 ALS Bottle#: 10 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-006  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:42 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:11:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1471866	20.0	20.0	
2	1.411	1.411	0.000	1282007	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.373	2.372	0.001	19303172	200.0	248.6	M
2	2.080	2.079	0.001	20556396	200.0	234.9	M
						RPD = 5.67	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.941	2.941	0.000	4771364	2500.0	2813.8	
1	3.429	3.429	0.000	10430768	2500.0	2769.4	M
1	3.977	3.977	0.000	18550767	2500.0	2842.2	M
1	4.138	4.138	0.000	8153183	2500.0	2788.1	M
1	4.257	4.257	0.000	6112713	2500.0	2986.9	M
1	4.710	4.710	0.000	5810465	2500.0	2695.5	M
1	4.858	4.859	-0.001	7321061	2500.0	2913.2	M
1	5.226	5.227	-0.001	7019455	2500.0	2801.9	M

Average of Peak Amounts = 2826.4

2	2.465	2.465	0.000	5430948	2500.0	2628.4	
2	2.852	2.851	0.001	10486052	2500.0	2540.6	
2	3.068	3.068	0.000	6990230	2500.0	2679.6	
2	3.367	3.367	0.000	21661698	2500.0	2761.2	
2	3.519	3.519	0.000	8294589	2500.0	2631.5	
2	3.587	3.587	0.000	5916024	2500.0	2844.6	
2	3.993	3.993	0.000	9143507	2500.0	2611.6	
2	4.437	4.437	0.000	4970829	2500.0	2579.9	

Average of Peak Amounts = 2659.7

RPD = 6.08

8 PCB-1260

1	6.140	6.141	-0.001	6135230	2500.0	2848.1	
1	6.373	6.374	-0.001	13762888	2500.0	2730.6	
1	6.723	6.724	-0.001	15431256	2500.0	2733.6	
1	7.489	7.491	-0.002	9932975	2500.0	2809.1	
1	8.032	8.034	-0.002	10756596	2500.0	2883.9	
1	8.580	8.582	-0.002	23769347	2500.0	2883.6	
1	9.362	9.363	-0.001	17654723	2500.0	2957.8	
1	10.228	10.228	0.000	6034904	2500.0	2959.4	

Average of Peak Amounts = 2850.8

2	5.433	5.432	0.001	13196676	2500.0	2499.5	
2	6.166	6.166	0.000	23208879	2500.0	2619.5	
2	6.338	6.338	0.000	10316990	2500.0	2532.2	
2	6.706	6.707	-0.001	11283179	2500.0	2571.5	
2	7.227	7.227	0.000	27172071	2500.0	2655.3	
2	7.718	7.717	0.001	14455682	2500.0	2686.3	
2	7.880	7.881	-0.001	7827678	2500.0	2749.5	
2	8.989	8.989	0.000	7370612	2500.0	2783.8	

Average of Peak Amounts = 2637.2

RPD = 7.78

\$ 11 DCB Decachlorobiphenyl

1	10.801	10.802	-0.001	18874265	200.0	230.1	
2	9.857	9.857	0.000	21199382	200.0	215.0	

RPD = 6.76

S 12 Polychlorinated biphenyls, Total

1						5677.2	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L5\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134572.D

Injection Date: 23-Jan-2019 13:06:13

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

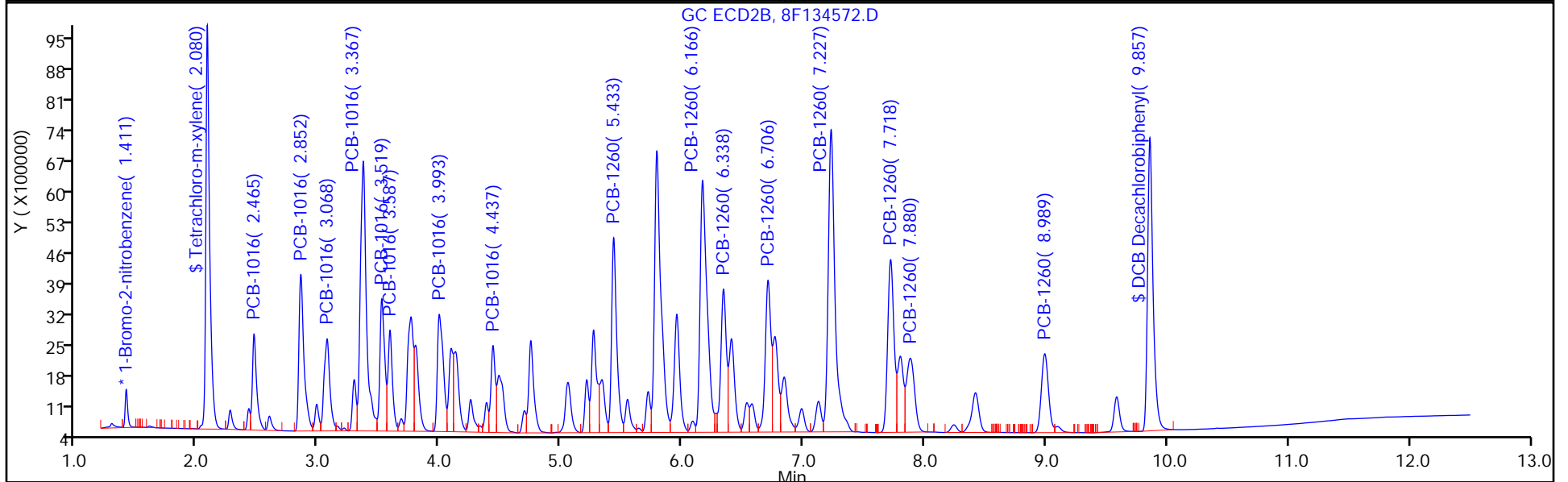
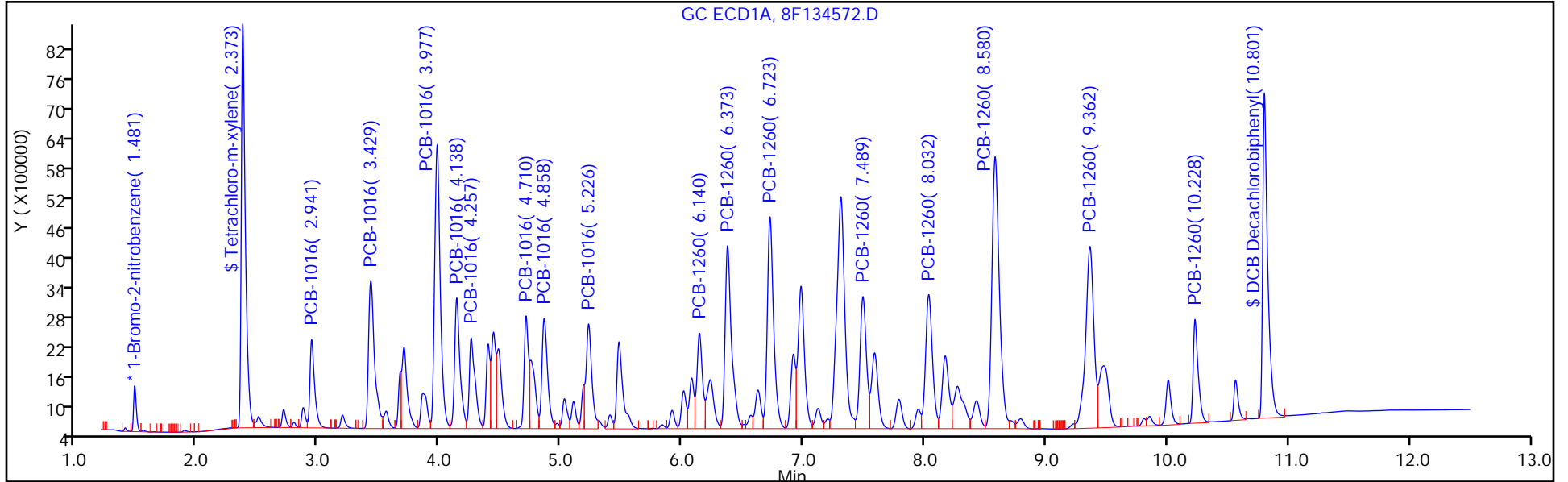
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 13:41 Calibration End Date: 01/23/2019 13:41 Calibration ID: 73042

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/8	8F134574.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0195					Ave		0.0195					20.0				0.9900
PCB-1221 Peak 2	0.0163					Ave		0.0163					20.0				0.9900
PCB-1221 Peak 3	0.0102					Ave		0.0102					20.0				0.9900
PCB-1221 Peak 4	0.0408					Ave		0.0408					20.0				0.9900
PCB-1221 Peak 5	0.0065					Ave		0.0065					20.0				0.9900
PCB-1221 Peak 6	0.0062					Ave		0.0062					20.0				0.9900
PCB-1221 Peak 7	0.0033					Ave		0.0033					20.0				0.9900
PCB-1221 Peak 8	0.0017					Ave		0.0017					20.0				0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 13:41 Calibration End Date: 01/23/2019 13:41 Calibration ID: 73042

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/8	8F134574.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1221 Peak 1	BNB	Ave	1536455						1000				
PCB-1221 Peak 2	BNB	Ave	1289705						1000				
PCB-1221 Peak 3	BNB	Ave	802010						1000				
PCB-1221 Peak 4	BNB	Ave	3223687						1000				
PCB-1221 Peak 5	BNB	Ave	515742						1000				
PCB-1221 Peak 6	BNB	Ave	489143						1000				
PCB-1221 Peak 7	BNB	Ave	257911						1000				
PCB-1221 Peak 8	BNB	Ave	136478						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134574.D  
 Lims ID: IC 1221  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 13:41:41 ALS Bottle#: 12 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-008  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:56 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:43:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1578878	20.0	20.0	
2	1.411	1.411	0.000	1302711	20.0	20.0	
						RPD = 0.00	

1 PCB-1221

1	1.891	1.891	0.000	1536455	1000.0	1000.0	M
1	2.709	2.709	0.000	1289705	1000.0	1000.0	
1	2.871	2.871	0.000	802010	1000.0	1000.0	
1	2.941	2.941	0.000	3223687	1000.0	1000.0	
1	3.488	3.488	0.000	515742	1000.0	1000.0	
1	3.974	3.974	0.000	489143	1000.0	1000.0	
1	4.137	4.137	0.000	257911	1000.0	1000.0	
1	4.254	4.254	0.000	136478	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	1.603	1.603	0.000	1176273	1000.0	1000.0	
2	2.268	2.268	0.000	1273784	1000.0	1000.0	
2	2.422	2.422	0.000	700187	1000.0	1000.0	
2	2.464	2.464	0.000	3705753	1000.0	1000.0	
2	2.851	2.851	0.000	375211	1000.0	1000.0	
2	2.983	2.983	0.000	606906	1000.0	1000.0	
2	3.365	3.365	0.000	596080	1000.0	1000.0	
2	3.517	3.517	0.000	282845	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1221L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134574.D

Injection Date: 23-Jan-2019 13:41:41

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

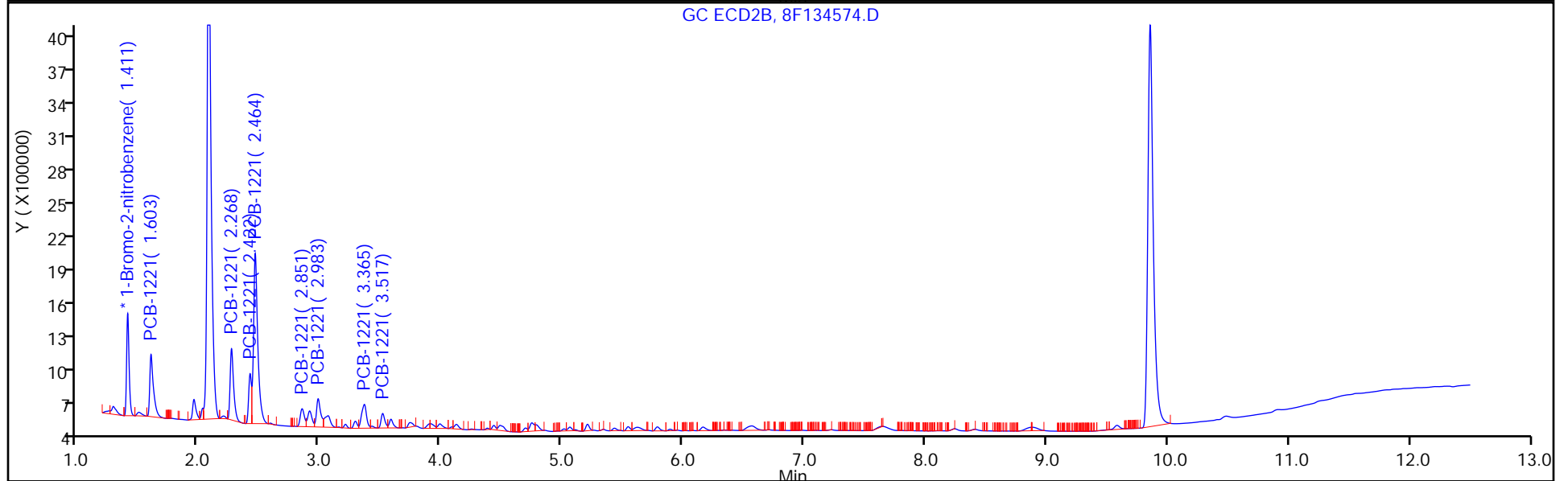
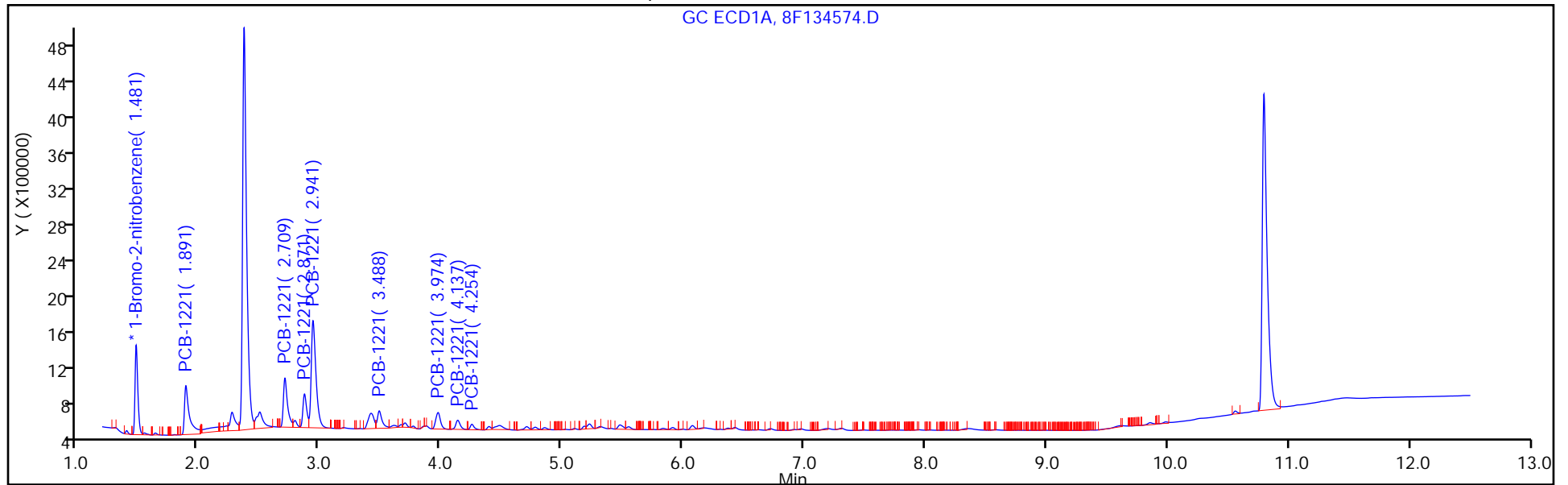
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 13:41 Calibration End Date: 01/23/2019 13:41 Calibration ID: 73043

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/8	8F134574.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	0.0181				Ave		0.0181						20.0			0.9900
PCB-1221 Peak 2	0.0196				Ave		0.0196						20.0			0.9900
PCB-1221 Peak 3	0.0107				Ave		0.0107						20.0			0.9900
PCB-1221 Peak 4	0.0569				Ave		0.0569						20.0			0.9900
PCB-1221 Peak 5	0.0058				Ave		0.0058						20.0			0.9900
PCB-1221 Peak 6	0.0093				Ave		0.0093						20.0			0.9900
PCB-1221 Peak 7	0.0092				Ave		0.0092						20.0			0.9900
PCB-1221 Peak 8	0.0043				Ave		0.0043						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 13:41 Calibration End Date: 01/23/2019 13:41 Calibration ID: 73043

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/8	8F134574.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1221 Peak 1	BNB	Ave	1176273						1000				
PCB-1221 Peak 2	BNB	Ave	1273784						1000				
PCB-1221 Peak 3	BNB	Ave	700187						1000				
PCB-1221 Peak 4	BNB	Ave	3705753						1000				
PCB-1221 Peak 5	BNB	Ave	375211						1000				
PCB-1221 Peak 6	BNB	Ave	606906						1000				
PCB-1221 Peak 7	BNB	Ave	596080						1000				
PCB-1221 Peak 8	BNB	Ave	282845						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134574.D  
 Lims ID: IC 1221  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 13:41:41 ALS Bottle#: 12 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-008  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:02:56 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:43:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.481	1.481	0.000	1578878	20.0	20.0	
2	1.411	1.411	0.000	1302711	20.0	20.0	
						RPD = 0.00	

1 PCB-1221

1	1.891	1.891	0.000	1536455	1000.0	1000.0	M
1	2.709	2.709	0.000	1289705	1000.0	1000.0	
1	2.871	2.871	0.000	802010	1000.0	1000.0	
1	2.941	2.941	0.000	3223687	1000.0	1000.0	
1	3.488	3.488	0.000	515742	1000.0	1000.0	
1	3.974	3.974	0.000	489143	1000.0	1000.0	
1	4.137	4.137	0.000	257911	1000.0	1000.0	
1	4.254	4.254	0.000	136478	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	1.603	1.603	0.000	1176273	1000.0	1000.0	
2	2.268	2.268	0.000	1273784	1000.0	1000.0	
2	2.422	2.422	0.000	700187	1000.0	1000.0	
2	2.464	2.464	0.000	3705753	1000.0	1000.0	
2	2.851	2.851	0.000	375211	1000.0	1000.0	
2	2.983	2.983	0.000	606906	1000.0	1000.0	
2	3.365	3.365	0.000	596080	1000.0	1000.0	
2	3.517	3.517	0.000	282845	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1221L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134574.D

Injection Date: 23-Jan-2019 13:41:41

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

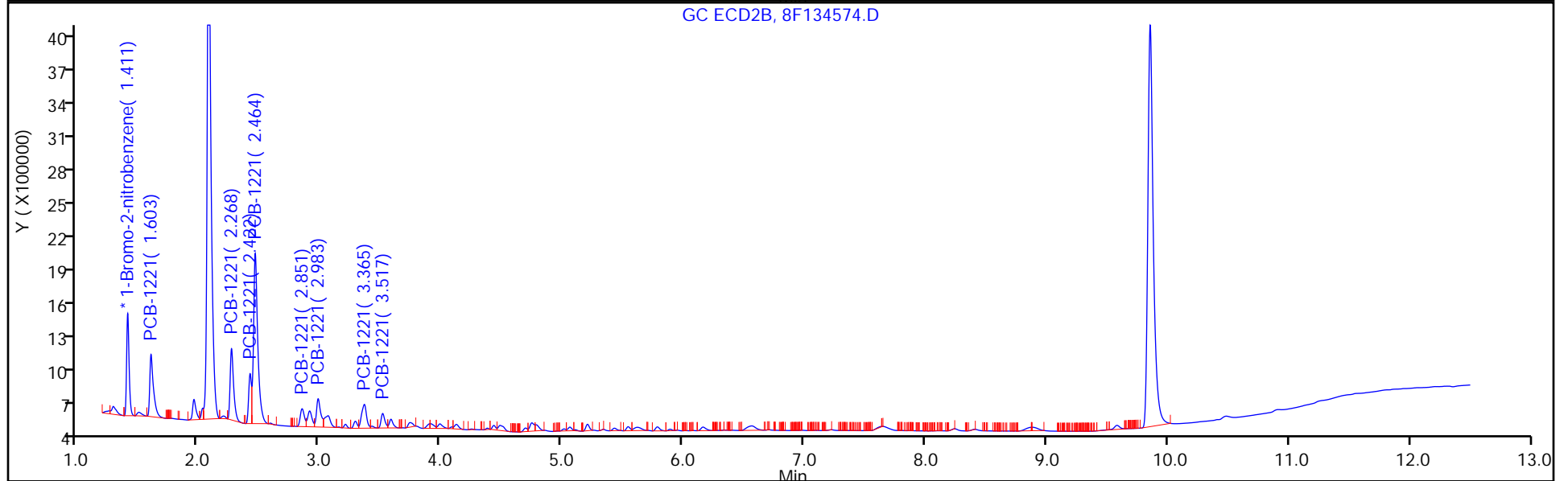
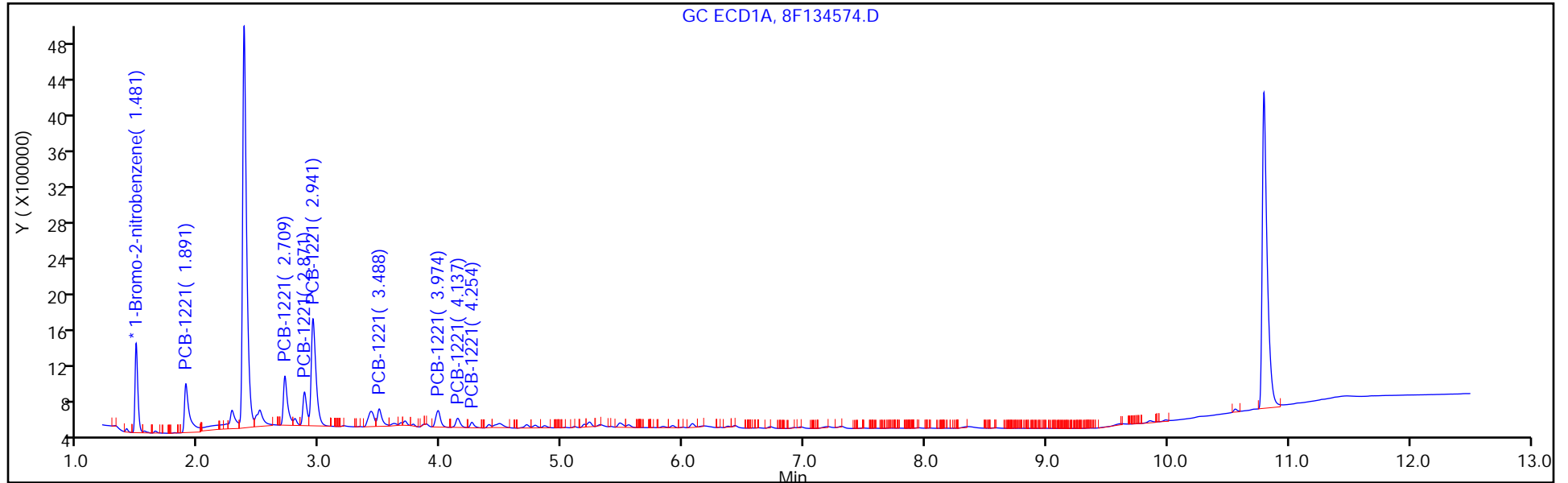
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 13:59 Calibration End Date: 01/23/2019 13:59 Calibration ID: 73048

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/9	8F134575.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	0.0375				Ave		0.0375						20.0			0.9900
PCB-1232 Peak 2	0.0316				Ave		0.0316						20.0			0.9900
PCB-1232 Peak 3	0.0541				Ave		0.0541						20.0			0.9900
PCB-1232 Peak 4	0.0244				Ave		0.0244						20.0			0.9900
PCB-1232 Peak 5	0.0164				Ave		0.0164						20.0			0.9900
PCB-1232 Peak 6	0.0166				Ave		0.0166						20.0			0.9900
PCB-1232 Peak 7	0.0146				Ave		0.0146						20.0			0.9900
PCB-1232 Peak 8	0.0205				Ave		0.0205						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 13:59 Calibration End Date: 01/23/2019 13:59 Calibration ID: 73048

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/9	8F134575.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1232 Peak 1	BNB	Ave	2868906						1000				
PCB-1232 Peak 2	BNB	Ave	2412624						1000				
PCB-1232 Peak 3	BNB	Ave	4133990						1000				
PCB-1232 Peak 4	BNB	Ave	1862159						1000				
PCB-1232 Peak 5	BNB	Ave	1249633						1000				
PCB-1232 Peak 6	BNB	Ave	1269172						1000				
PCB-1232 Peak 7	BNB	Ave	1118769						1000				
PCB-1232 Peak 8	BNB	Ave	1566248						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134575.D  
 Lims ID: IC 1232  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 13:59:24 ALS Bottle#: 13 Worklist Smp#: 9  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-009  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub3  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:09 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:48:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.480	1.480	0.000	1528599	20.0	20.0	
2	1.410	1.410	0.000	1263189	20.0	20.0	
						RPD = 0.00	

3 PCB-1232

1	2.940	2.940	0.000	2868906	1000.0	1000.0	a
1	3.427	3.427	0.000	2412624	1000.0	1000.0	M
1	3.975	3.975	0.000	4133990	1000.0	1000.0	M
1	4.135	4.135	0.000	1862159	1000.0	1000.0	M
1	4.255	4.255	0.000	1249633	1000.0	1000.0	M
1	4.708	4.708	0.000	1269172	1000.0	1000.0	M
1	5.182	5.182	0.000	1118769	1000.0	1000.0	M
1	5.230	5.230	0.000	1566248	1000.0	1000.0	M
						Average of Peak Amounts =	1000.0
2	2.464	2.464	0.000	3300893	1000.0	1000.0	
2	2.850	2.850	0.000	2829919	1000.0	1000.0	M
2	3.067	3.067	0.000	1698122	1000.0	1000.0	M
2	3.365	3.365	0.000	5097739	1000.0	1000.0	M
2	3.517	3.517	0.000	2042722	1000.0	1000.0	M
2	3.991	3.991	0.000	2108564	1000.0	1000.0	M
2	4.510	4.510	0.000	2861806	1000.0	1000.0	M
2	4.743	4.743	0.000	1355440	1000.0	1000.0	M
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

SG1232L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134575.D

Injection Date: 23-Jan-2019 13:59:24

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

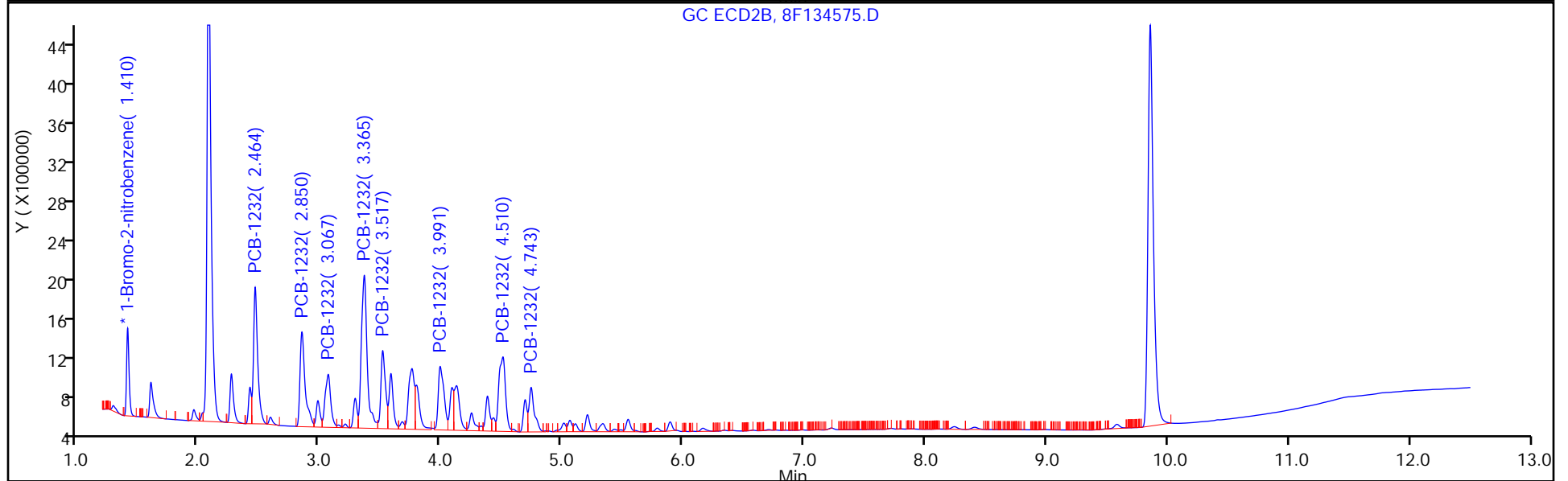
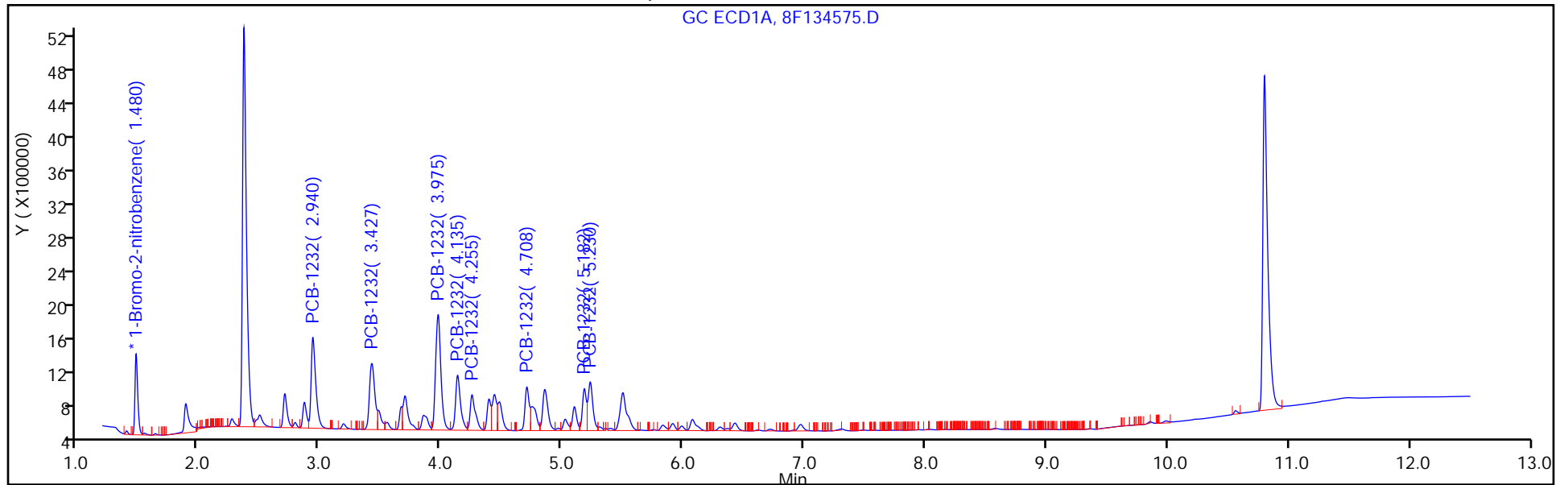
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 13:59 Calibration End Date: 01/23/2019 13:59 Calibration ID: 73049

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/9	8F134575.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	0.0523				Ave		0.0523						20.0			0.9900
PCB-1232 Peak 2	0.0448				Ave		0.0448						20.0			0.9900
PCB-1232 Peak 3	0.0269				Ave		0.0269						20.0			0.9900
PCB-1232 Peak 4	0.0807				Ave		0.0807						20.0			0.9900
PCB-1232 Peak 5	0.0323				Ave		0.0323						20.0			0.9900
PCB-1232 Peak 6	0.0334				Ave		0.0334						20.0			0.9900
PCB-1232 Peak 7	0.0453				Ave		0.0453						20.0			0.9900
PCB-1232 Peak 8	0.0215				Ave		0.0215						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 13:59 Calibration End Date: 01/23/2019 13:59 Calibration ID: 73049

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/9	8F134575.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1232 Peak 1	BNB	Ave	3300893						1000				
PCB-1232 Peak 2	BNB	Ave	2829919						1000				
PCB-1232 Peak 3	BNB	Ave	1698122						1000				
PCB-1232 Peak 4	BNB	Ave	5097739						1000				
PCB-1232 Peak 5	BNB	Ave	2042722						1000				
PCB-1232 Peak 6	BNB	Ave	2108564						1000				
PCB-1232 Peak 7	BNB	Ave	2861806						1000				
PCB-1232 Peak 8	BNB	Ave	1355440						1000				

Curve Type Legend:

Ave = Average ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134575.D  
 Lims ID: IC 1232  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 13:59:24 ALS Bottle#: 13 Worklist Smp#: 9  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-009  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub3  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:09 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:48:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.480	1.480	0.000	1528599	20.0	20.0	
2	1.410	1.410	0.000	1263189	20.0	20.0	
						RPD = 0.00	

3 PCB-1232

1	2.940	2.940	0.000	2868906	1000.0	1000.0	a
1	3.427	3.427	0.000	2412624	1000.0	1000.0	M
1	3.975	3.975	0.000	4133990	1000.0	1000.0	M
1	4.135	4.135	0.000	1862159	1000.0	1000.0	M
1	4.255	4.255	0.000	1249633	1000.0	1000.0	M
1	4.708	4.708	0.000	1269172	1000.0	1000.0	M
1	5.182	5.182	0.000	1118769	1000.0	1000.0	M
1	5.230	5.230	0.000	1566248	1000.0	1000.0	M
						Average of Peak Amounts =	1000.0
2	2.464	2.464	0.000	3300893	1000.0	1000.0	
2	2.850	2.850	0.000	2829919	1000.0	1000.0	M
2	3.067	3.067	0.000	1698122	1000.0	1000.0	M
2	3.365	3.365	0.000	5097739	1000.0	1000.0	M
2	3.517	3.517	0.000	2042722	1000.0	1000.0	M
2	3.991	3.991	0.000	2108564	1000.0	1000.0	M
2	4.510	4.510	0.000	2861806	1000.0	1000.0	M
2	4.743	4.743	0.000	1355440	1000.0	1000.0	M
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

SG1232L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134575.D

Injection Date: 23-Jan-2019 13:59:24

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

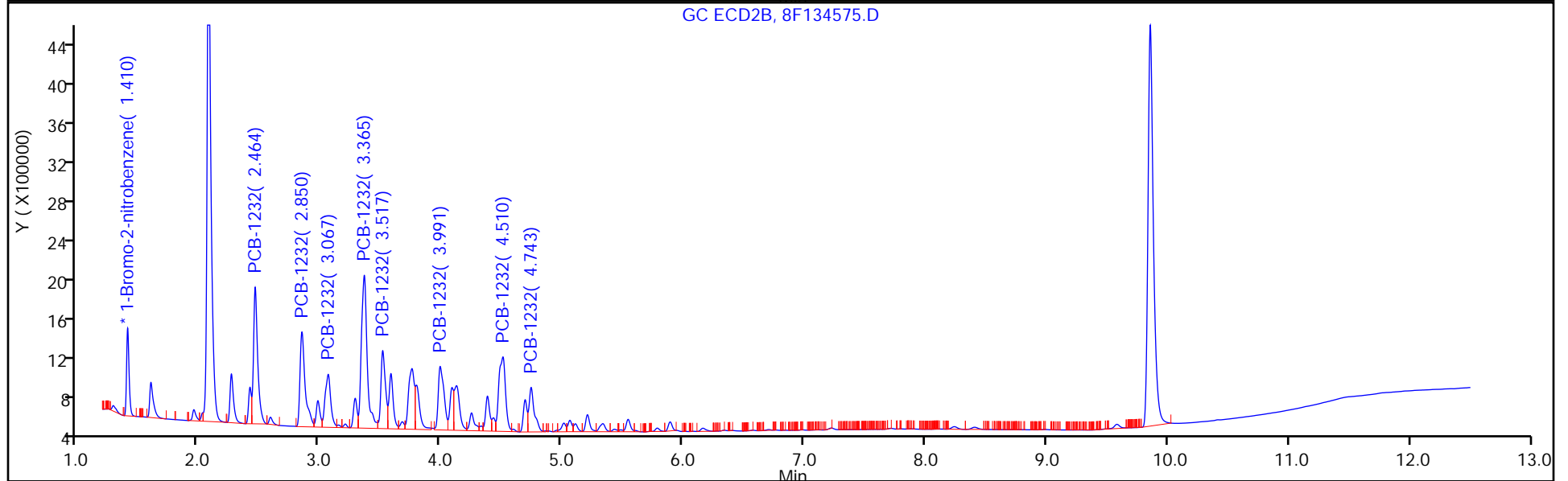
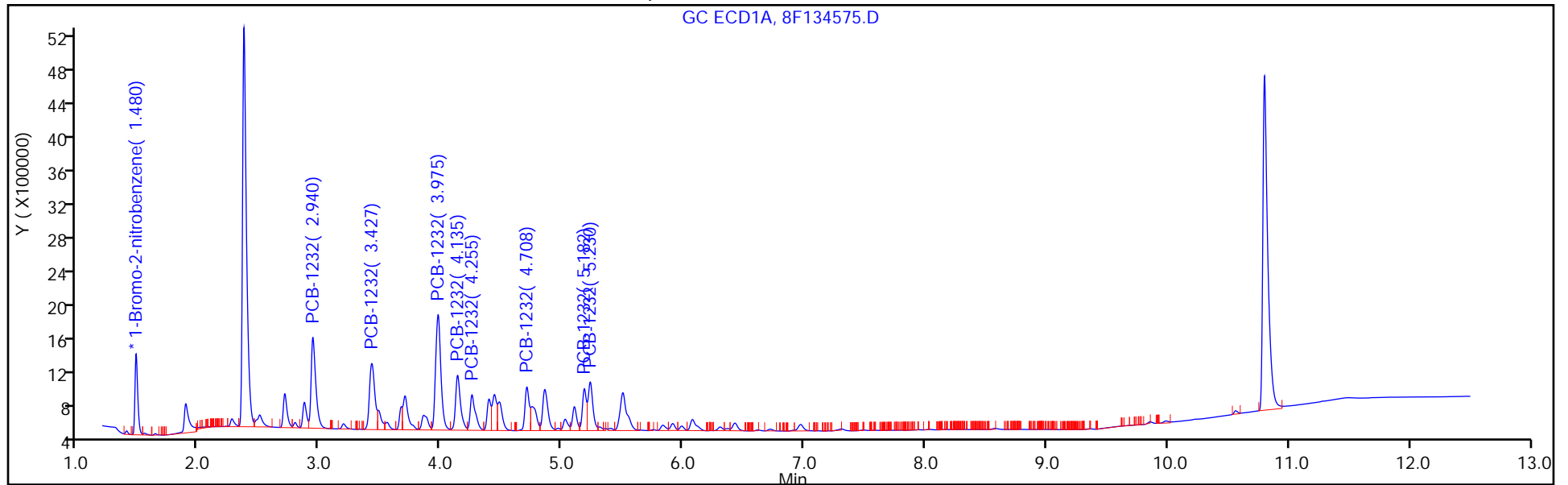
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:17 Calibration End Date: 01/23/2019 14:17 Calibration ID: 73054

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/10	8F134576.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	0.0200				Ave		0.0200						20.0			0.9900
PCB-1242 Peak 2	0.0446				Ave		0.0446						20.0			0.9900
PCB-1242 Peak 3	0.0750				Ave		0.0750						20.0			0.9900
PCB-1242 Peak 4	0.0336				Ave		0.0336						20.0			0.9900
PCB-1242 Peak 5	0.0236				Ave		0.0236						20.0			0.9900
PCB-1242 Peak 6	0.0300				Ave		0.0300						20.0			0.9900
PCB-1242 Peak 7	0.0226				Ave		0.0226						20.0			0.9900
PCB-1242 Peak 8	0.0327				Ave		0.0327						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:17 Calibration End Date: 01/23/2019 14:17 Calibration ID: 73054

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/10	8F134576.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1242 Peak 1	BNB	Ave	1627226						1000				
PCB-1242 Peak 2	BNB	Ave	3629297						1000				
PCB-1242 Peak 3	BNB	Ave	6099765						1000				
PCB-1242 Peak 4	BNB	Ave	2733474						1000				
PCB-1242 Peak 5	BNB	Ave	1917631						1000				
PCB-1242 Peak 6	BNB	Ave	2442673						1000				
PCB-1242 Peak 7	BNB	Ave	1841069						1000				
PCB-1242 Peak 8	BNB	Ave	2655302						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134576.D  
 Lims ID: IC 1242  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 14:17:09 ALS Bottle#: 14 Worklist Smp#: 10  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-010  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:21 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:51:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.480	1.480	0.000	1626213	20.0	20.0	
2	1.410	1.410	0.000	1326586	20.0	20.0	M
						RPD = 0.00	

4 PCB-1242							M
1	2.939	2.939	0.000	1627226	1000.0	1000.0	
1	3.427	3.427	0.000	3629297	1000.0	1000.0	M
1	3.974	3.974	0.000	6099765	1000.0	1000.0	M
1	4.135	4.135	0.000	2733474	1000.0	1000.0	M
1	4.254	4.254	0.000	1917631	1000.0	1000.0	M
1	4.856	4.856	0.000	2442673	1000.0	1000.0	M
1	5.183	5.183	0.000	1841069	1000.0	1000.0	M
1	5.231	5.231	0.000	2655302	1000.0	1000.0	M
Average of Peak Amounts =						1000.0	
2	2.463	2.463	0.000	1966840	1000.0	1000.0	M
2	2.849	2.849	0.000	3803628	1000.0	1000.0	M
2	3.067	3.067	0.000	2414533	1000.0	1000.0	M
2	3.365	3.365	0.000	7451526	1000.0	1000.0	M
2	3.517	3.517	0.000	2952379	1000.0	1000.0	M
2	3.992	3.992	0.000	3324385	1000.0	1000.0	M
2	4.509	4.509	0.000	4773460	1000.0	1000.0	M
2	4.743	4.743	0.000	2422400	1000.0	1000.0	M
Average of Peak Amounts =						1000.0	
						RPD = 0.00	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1242L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134576.D

Injection Date: 23-Jan-2019 14:17:09

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

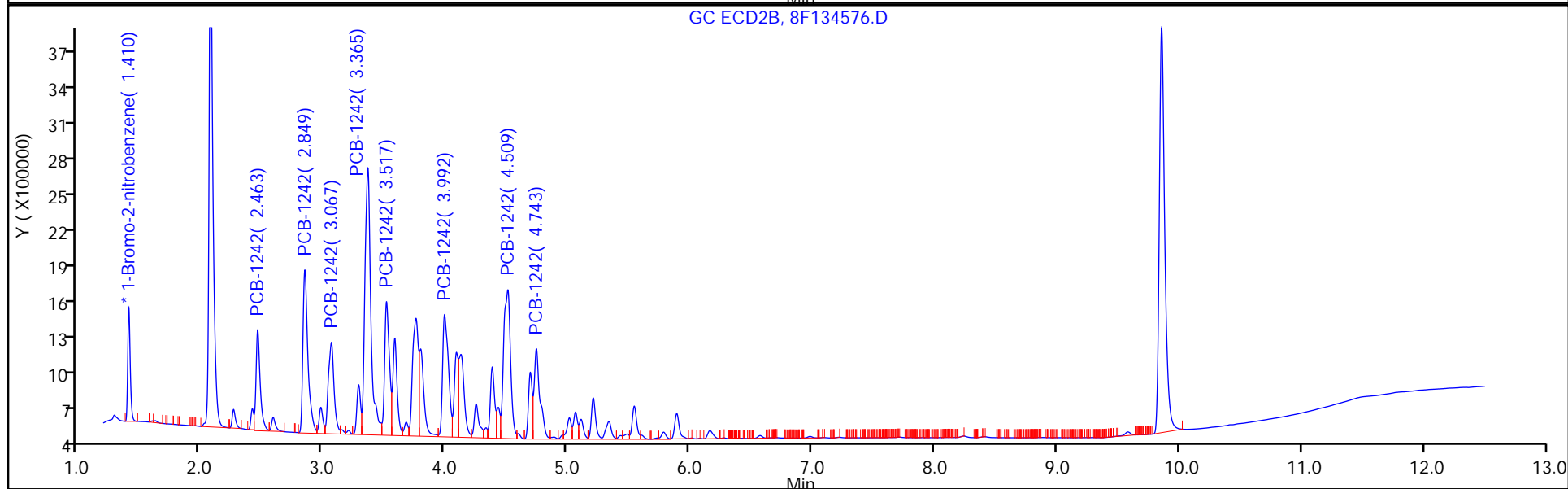
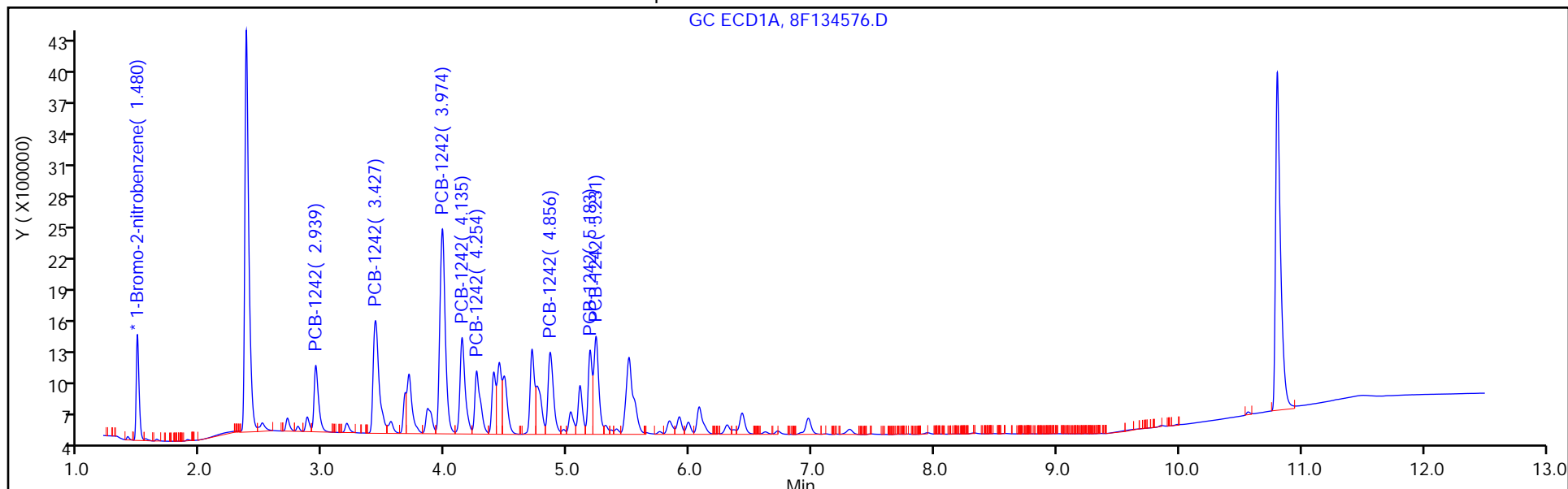
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD





FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:17 Calibration End Date: 01/23/2019 14:17 Calibration ID: 73055

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/10	8F134576.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	0.0297				Ave		0.0297						20.0			0.9900
PCB-1242 Peak 2	0.0573				Ave		0.0573						20.0			0.9900
PCB-1242 Peak 3	0.0364				Ave		0.0364						20.0			0.9900
PCB-1242 Peak 4	0.1123				Ave		0.1123						20.0			0.9900
PCB-1242 Peak 5	0.0445				Ave		0.0445						20.0			0.9900
PCB-1242 Peak 6	0.0501				Ave		0.0501						20.0			0.9900
PCB-1242 Peak 7	0.0720				Ave		0.0720						20.0			0.9900
PCB-1242 Peak 8	0.0365				Ave		0.0365						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:17 Calibration End Date: 01/23/2019 14:17 Calibration ID: 73055

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/10	8F134576.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1242 Peak 1	BNB	Ave	1966840						1000				
PCB-1242 Peak 2	BNB	Ave	3803628						1000				
PCB-1242 Peak 3	BNB	Ave	2414533						1000				
PCB-1242 Peak 4	BNB	Ave	7451526						1000				
PCB-1242 Peak 5	BNB	Ave	2952379						1000				
PCB-1242 Peak 6	BNB	Ave	3324385						1000				
PCB-1242 Peak 7	BNB	Ave	4773460						1000				
PCB-1242 Peak 8	BNB	Ave	2422400						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134576.D  
 Lims ID: IC 1242  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 14:17:09 ALS Bottle#: 14 Worklist Smp#: 10  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-010  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:21 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 15:51:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.480	1.480	0.000	1626213	20.0	20.0	
2	1.410	1.410	0.000	1326586	20.0	20.0	M

RPD = 0.00

4 PCB-1242							M
1	2.939	2.939	0.000	1627226	1000.0	1000.0	
1	3.427	3.427	0.000	3629297	1000.0	1000.0	M
1	3.974	3.974	0.000	6099765	1000.0	1000.0	M
1	4.135	4.135	0.000	2733474	1000.0	1000.0	M
1	4.254	4.254	0.000	1917631	1000.0	1000.0	M
1	4.856	4.856	0.000	2442673	1000.0	1000.0	M
1	5.183	5.183	0.000	1841069	1000.0	1000.0	M
1	5.231	5.231	0.000	2655302	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	2.463	2.463	0.000	1966840	1000.0	1000.0	M
2	2.849	2.849	0.000	3803628	1000.0	1000.0	M
2	3.067	3.067	0.000	2414533	1000.0	1000.0	M
2	3.365	3.365	0.000	7451526	1000.0	1000.0	M
2	3.517	3.517	0.000	2952379	1000.0	1000.0	M
2	3.992	3.992	0.000	3324385	1000.0	1000.0	M
2	4.509	4.509	0.000	4773460	1000.0	1000.0	M
2	4.743	4.743	0.000	2422400	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1242L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134576.D

Injection Date: 23-Jan-2019 14:17:09

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

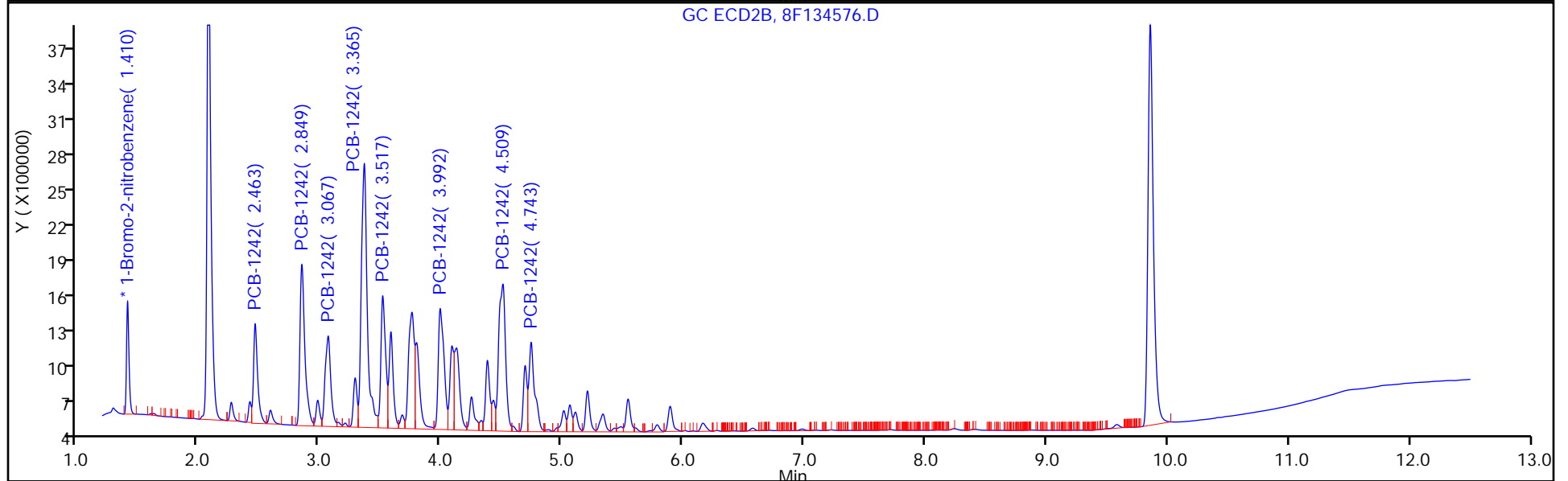
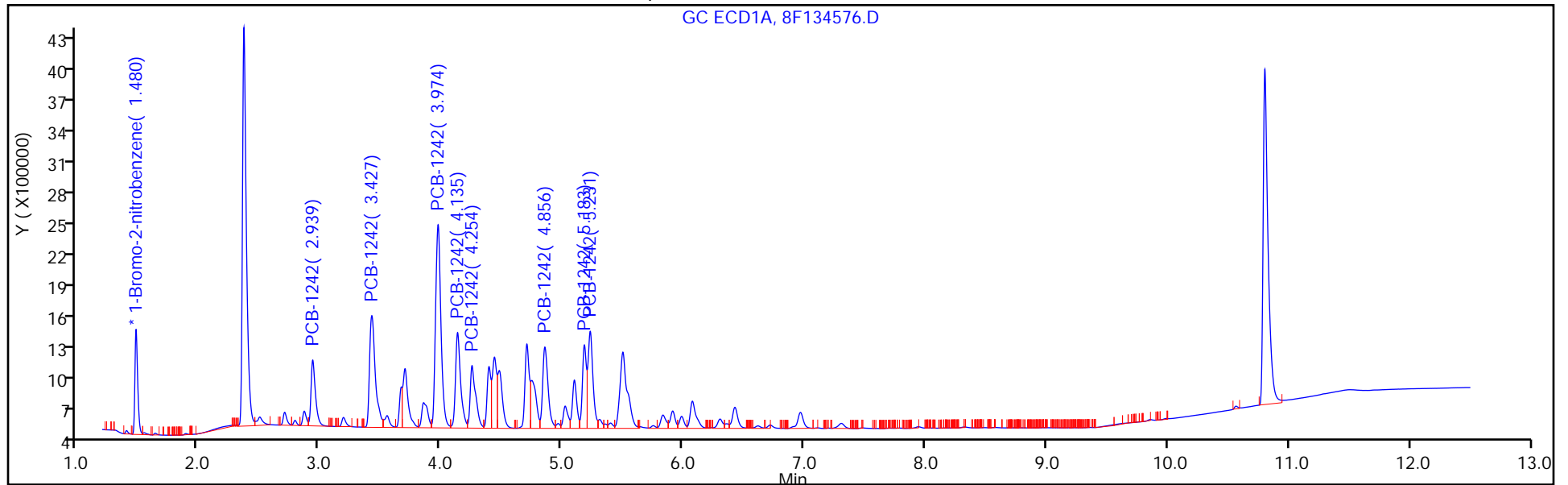
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:34 Calibration End Date: 01/23/2019 14:34 Calibration ID: 73060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/11	8F134577.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0208					Ave		0.0208					20.0				0.9900
PCB-1248 Peak 2	0.0438					Ave		0.0438					20.0				0.9900
PCB-1248 Peak 3	0.0254					Ave		0.0254					20.0				0.9900
PCB-1248 Peak 4	0.0288					Ave		0.0288					20.0				0.9900
PCB-1248 Peak 5	0.0394					Ave		0.0394					20.0				0.9900
PCB-1248 Peak 6	0.0343					Ave		0.0343					20.0				0.9900
PCB-1248 Peak 7	0.0518					Ave		0.0518					20.0				0.9900
PCB-1248 Peak 8	0.0251					Ave		0.0251					20.0				0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:34 Calibration End Date: 01/23/2019 14:34 Calibration ID: 73060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/11	8F134577.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1248 Peak 1	BNB	Ave	1701777						1000				
PCB-1248 Peak 2	BNB	Ave	3583203						1000				
PCB-1248 Peak 3	BNB	Ave	2083235						1000				
PCB-1248 Peak 4	BNB	Ave	2358494						1000				
PCB-1248 Peak 5	BNB	Ave	3224878						1000				
PCB-1248 Peak 6	BNB	Ave	2809492						1000				
PCB-1248 Peak 7	BNB	Ave	4239183						1000				
PCB-1248 Peak 8	BNB	Ave	2053903						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134577.D  
 Lims ID: IC 1248  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 14:34:55 ALS Bottle#: 15 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-011  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:29 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 16:07:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.480	1.480	0.000	1637880	20.0	20.0	
2	1.410	1.410	0.000	1341206	20.0	20.0	

RPD = 0.00

6 PCB-1248

M

1	3.424	3.424	0.000	1701777	1000.0	1000.0	
1	3.973	3.973	0.000	3583203	1000.0	1000.0	
1	4.395	4.395	0.000	2083235	1000.0	1000.0	
1	4.439	4.439	0.000	2358494	1000.0	1000.0	
1	4.856	4.856	0.000	3224878	1000.0	1000.0	M
1	5.183	5.183	0.000	2809492	1000.0	1000.0	M
1	5.230	5.230	0.000	4239183	1000.0	1000.0	M
1	6.075	6.075	0.000	2053903	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	2.848	2.848	0.000	1850364	1000.0	1000.0	M
2	3.363	3.363	0.000	4070021	1000.0	1000.0	M
2	3.757	3.757	0.000	4692900	1000.0	1000.0	M
2	4.088	4.088	0.000	2593001	1000.0	1000.0	M
2	4.509	4.509	0.000	7226846	1000.0	1000.0	M
2	4.744	4.744	0.000	4344782	1000.0	1000.0	
2	5.209	5.209	0.000	2065759	1000.0	1000.0	
2	5.892	5.892	0.000	1247030	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00



### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1248L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134577.D

Injection Date: 23-Jan-2019 14:34:55

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

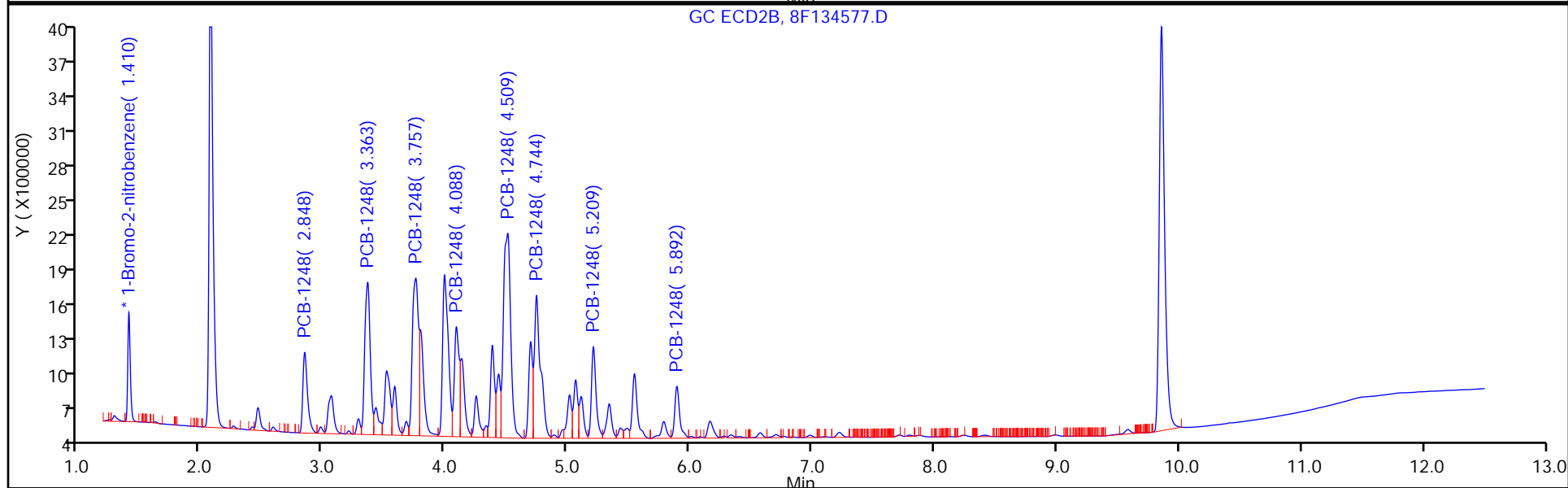
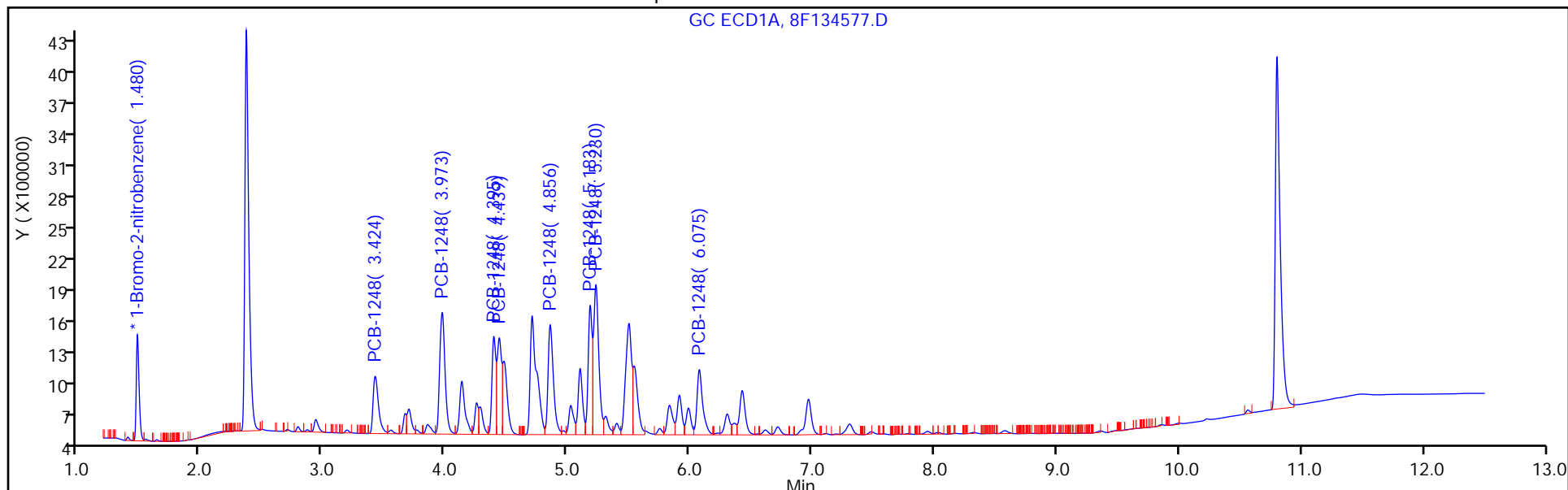
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:34 Calibration End Date: 01/23/2019 14:34 Calibration ID: 73061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/11	8F134577.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	0.0276				Ave		0.0276						20.0			0.9900
PCB-1248 Peak 2	0.0607				Ave		0.0607						20.0			0.9900
PCB-1248 Peak 3	0.0700				Ave		0.0700						20.0			0.9900
PCB-1248 Peak 4	0.0387				Ave		0.0387						20.0			0.9900
PCB-1248 Peak 5	0.1078				Ave		0.1078						20.0			0.9900
PCB-1248 Peak 6	0.0648				Ave		0.0648						20.0			0.9900
PCB-1248 Peak 7	0.0308				Ave		0.0308						20.0			0.9900
PCB-1248 Peak 8	0.0186				Ave		0.0186						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:34 Calibration End Date: 01/23/2019 14:34 Calibration ID: 73061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/11	8F134577.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1248 Peak 1	BNB	Ave	1850364						1000				
PCB-1248 Peak 2	BNB	Ave	4070021						1000				
PCB-1248 Peak 3	BNB	Ave	4692900						1000				
PCB-1248 Peak 4	BNB	Ave	2593001						1000				
PCB-1248 Peak 5	BNB	Ave	7226846						1000				
PCB-1248 Peak 6	BNB	Ave	4344782						1000				
PCB-1248 Peak 7	BNB	Ave	2065759						1000				
PCB-1248 Peak 8	BNB	Ave	1247030						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134577.D  
 Lims ID: IC 1248  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 14:34:55 ALS Bottle#: 15 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-011  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:29 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 16:07:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.480	1.480	0.000	1637880	20.0	20.0	
2	1.410	1.410	0.000	1341206	20.0	20.0	

RPD = 0.00

6 PCB-1248

M

1	3.424	3.424	0.000	1701777	1000.0	1000.0	
1	3.973	3.973	0.000	3583203	1000.0	1000.0	
1	4.395	4.395	0.000	2083235	1000.0	1000.0	
1	4.439	4.439	0.000	2358494	1000.0	1000.0	
1	4.856	4.856	0.000	3224878	1000.0	1000.0	M
1	5.183	5.183	0.000	2809492	1000.0	1000.0	M
1	5.230	5.230	0.000	4239183	1000.0	1000.0	M
1	6.075	6.075	0.000	2053903	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	2.848	2.848	0.000	1850364	1000.0	1000.0	M
2	3.363	3.363	0.000	4070021	1000.0	1000.0	M
2	3.757	3.757	0.000	4692900	1000.0	1000.0	M
2	4.088	4.088	0.000	2593001	1000.0	1000.0	M
2	4.509	4.509	0.000	7226846	1000.0	1000.0	M
2	4.744	4.744	0.000	4344782	1000.0	1000.0	
2	5.209	5.209	0.000	2065759	1000.0	1000.0	
2	5.892	5.892	0.000	1247030	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1248L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134577.D

Injection Date: 23-Jan-2019 14:34:55

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

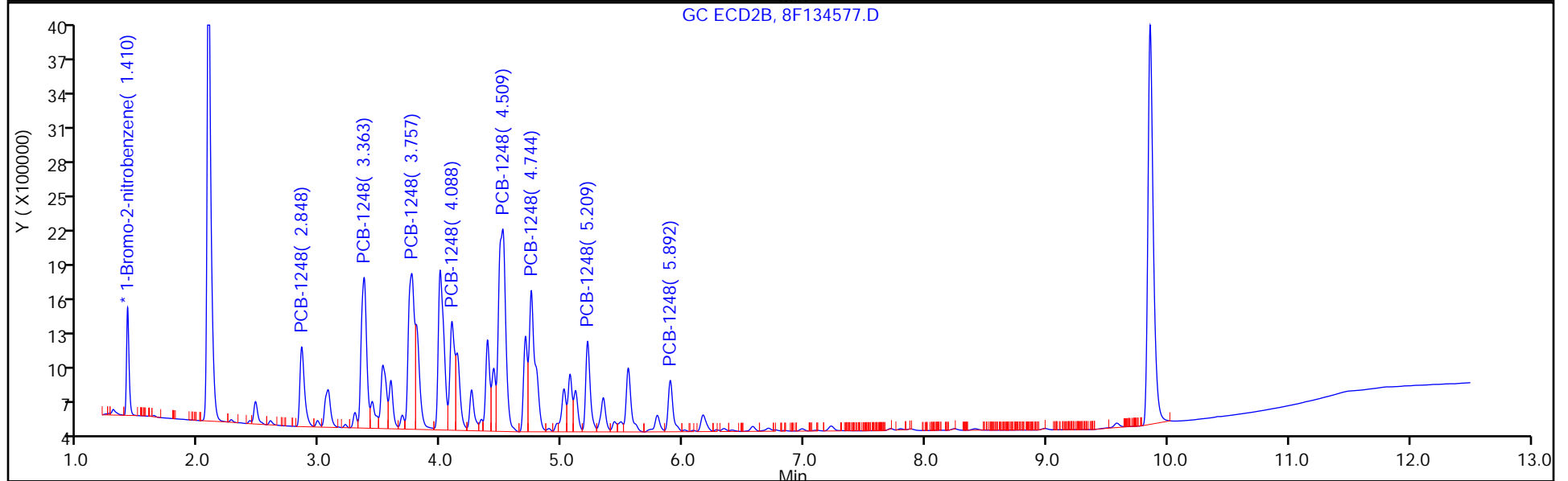
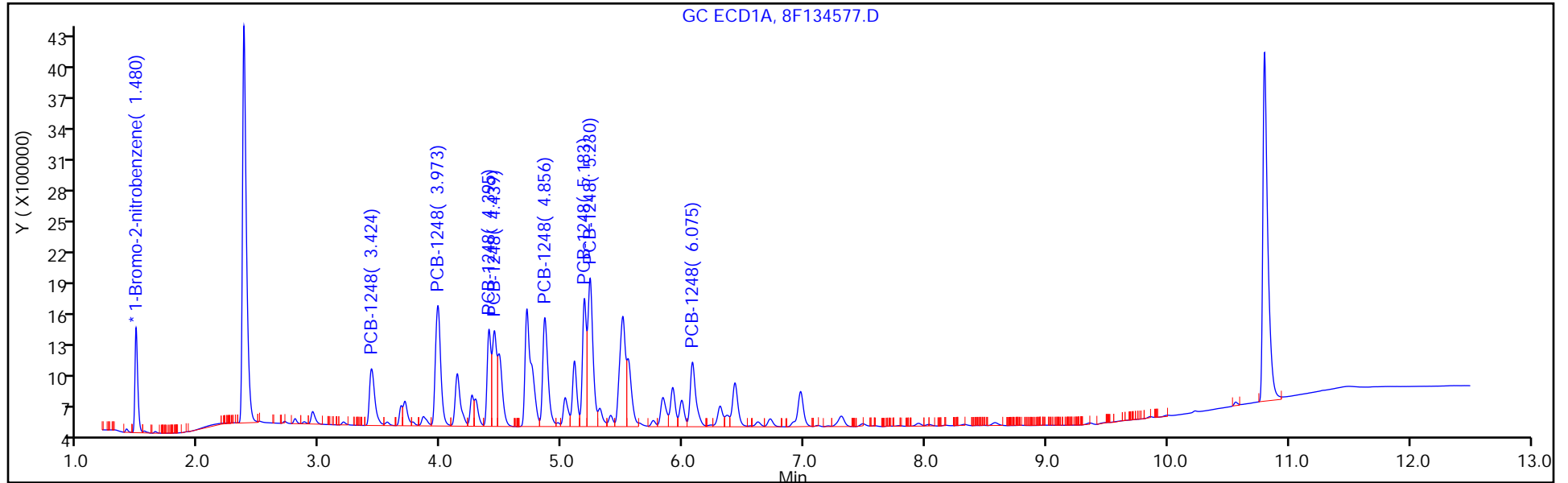
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:52 Calibration End Date: 01/23/2019 14:52 Calibration ID: 73066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/12	8F134578.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	0.0159				Ave		0.0159						20.0			0.9900
PCB-1254 Peak 2	0.0520				Ave		0.0520						20.0			0.9900
PCB-1254 Peak 3	0.0521				Ave		0.0521						20.0			0.9900
PCB-1254 Peak 4	0.0367				Ave		0.0367						20.0			0.9900
PCB-1254 Peak 5	0.0782				Ave		0.0782						20.0			0.9900
PCB-1254 Peak 6	0.0580				Ave		0.0580						20.0			0.9900
PCB-1254 Peak 7	0.0415				Ave		0.0415						20.0			0.9900
PCB-1254 Peak 8	0.0711				Ave		0.0711						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:52 Calibration End Date: 01/23/2019 14:52 Calibration ID: 73066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/12	8F134578.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1254 Peak 1	BNB	Ave	1396837						1000				
PCB-1254 Peak 2	BNB	Ave	4579101						1000				
PCB-1254 Peak 3	BNB	Ave	4587335						1000				
PCB-1254 Peak 4	BNB	Ave	3235143						1000				
PCB-1254 Peak 5	BNB	Ave	6889533						1000				
PCB-1254 Peak 6	BNB	Ave	5113803						1000				
PCB-1254 Peak 7	BNB	Ave	3655560						1000				
PCB-1254 Peak 8	BNB	Ave	6266417						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134578.D  
 Lims ID: IC 1254  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 14:52:42 ALS Bottle#: 16 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-012  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:39 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 16:25:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.480	1.480	0.000	1762266	20.0	20.0	
2	1.410	1.410	0.000	1453081	20.0	20.0	M

RPD = 0.00

7 PCB-1254							M
1	4.708	4.708	0.000	1396837	1000.0	1000.0	M
1	5.223	5.223	0.000	4579101	1000.0	1000.0	M
1	5.475	5.475	0.000	4587335	1000.0	1000.0	M
1	5.914	5.914	0.000	3235143	1000.0	1000.0	M
1	6.077	6.077	0.000	6889533	1000.0	1000.0	M
1	6.426	6.426	0.000	5113803	1000.0	1000.0	M
1	6.970	6.970	0.000	3655560	1000.0	1000.0	M
1	7.308	7.308	0.000	6266417	1000.0	1000.0	M

Average of Peak Amounts = 1000.0

2	3.990	3.990	0.000	1518925	1000.0	1000.0	
2	4.436	4.436	0.000	3454561	1000.0	1000.0	
2	4.747	4.747	0.000	5256251	1000.0	1000.0	M
2	5.064	5.064	0.000	4063093	1000.0	1000.0	
2	5.209	5.209	0.000	7237239	1000.0	1000.0	
2	5.545	5.545	0.000	5733065	1000.0	1000.0	
2	5.786	5.786	0.000	5062576	1000.0	1000.0	
2	6.165	6.165	0.000	7058617	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1254L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134578.D

Injection Date: 23-Jan-2019 14:52:42

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

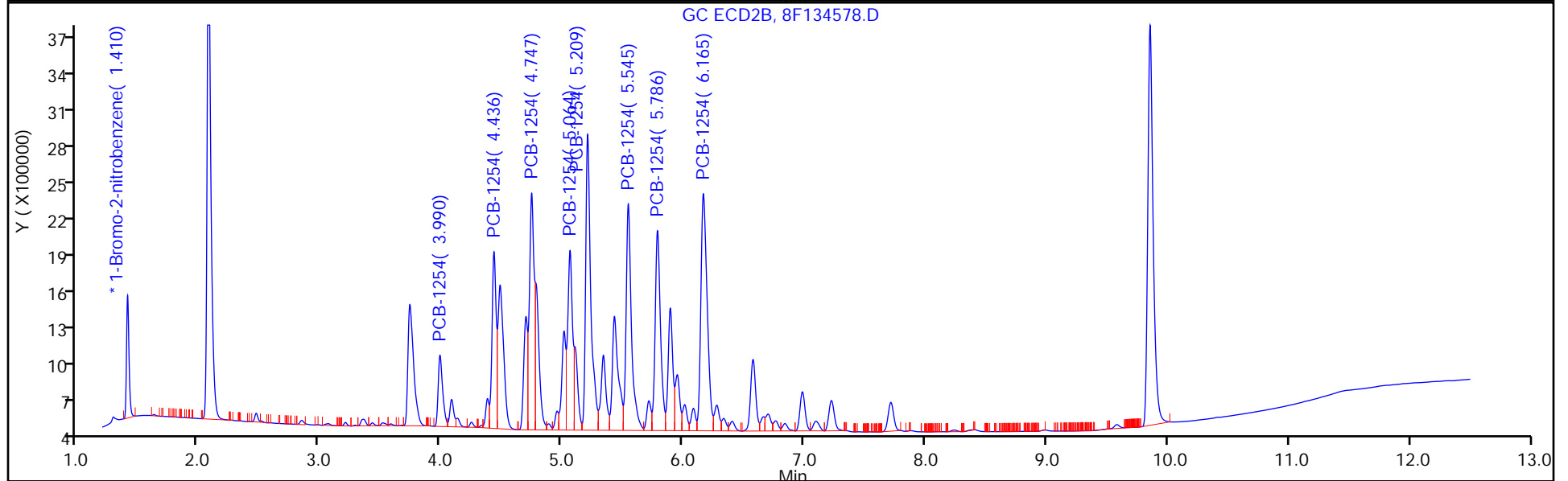
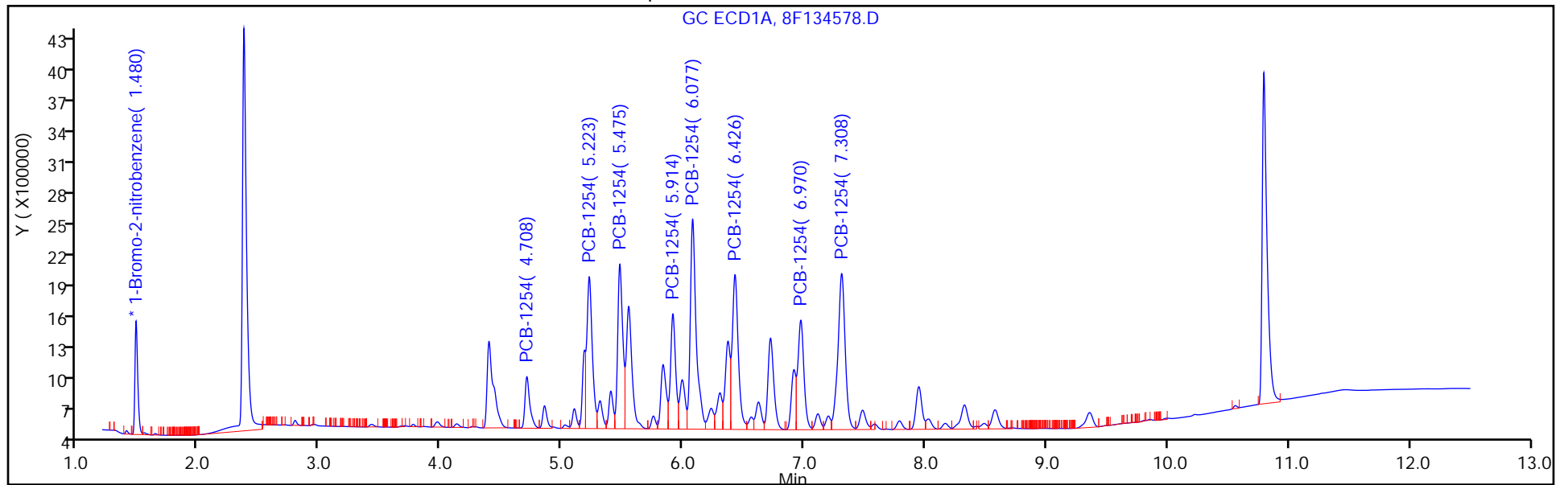
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:52 Calibration End Date: 01/23/2019 14:52 Calibration ID: 73067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/12	8F134578.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	0.0209				Ave		0.0209						20.0			0.9900
PCB-1254 Peak 2	0.0475				Ave		0.0475						20.0			0.9900
PCB-1254 Peak 3	0.0723				Ave		0.0723						20.0			0.9900
PCB-1254 Peak 4	0.0559				Ave		0.0559						20.0			0.9900
PCB-1254 Peak 5	0.0996				Ave		0.0996						20.0			0.9900
PCB-1254 Peak 6	0.0789				Ave		0.0789						20.0			0.9900
PCB-1254 Peak 7	0.0697				Ave		0.0697						20.0			0.9900
PCB-1254 Peak 8	0.0972				Ave		0.0972						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 14:52 Calibration End Date: 01/23/2019 14:52 Calibration ID: 73067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/12	8F134578.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1254 Peak 1	BNB	Ave	1518925						1000				
PCB-1254 Peak 2	BNB	Ave	3454561						1000				
PCB-1254 Peak 3	BNB	Ave	5256251						1000				
PCB-1254 Peak 4	BNB	Ave	4063093						1000				
PCB-1254 Peak 5	BNB	Ave	7237239						1000				
PCB-1254 Peak 6	BNB	Ave	5733065						1000				
PCB-1254 Peak 7	BNB	Ave	5062576						1000				
PCB-1254 Peak 8	BNB	Ave	7058617						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134578.D  
 Lims ID: IC 1254  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 14:52:42 ALS Bottle#: 16 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-012  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:39 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 16:25:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.480	1.480	0.000	1762266	20.0	20.0	
2	1.410	1.410	0.000	1453081	20.0	20.0	M
						RPD = 0.00	

7 PCB-1254							M
1	4.708	4.708	0.000	1396837	1000.0	1000.0	M
1	5.223	5.223	0.000	4579101	1000.0	1000.0	M
1	5.475	5.475	0.000	4587335	1000.0	1000.0	M
1	5.914	5.914	0.000	3235143	1000.0	1000.0	M
1	6.077	6.077	0.000	6889533	1000.0	1000.0	M
1	6.426	6.426	0.000	5113803	1000.0	1000.0	M
1	6.970	6.970	0.000	3655560	1000.0	1000.0	M
1	7.308	7.308	0.000	6266417	1000.0	1000.0	M
Average of Peak Amounts =						1000.0	
2	3.990	3.990	0.000	1518925	1000.0	1000.0	
2	4.436	4.436	0.000	3454561	1000.0	1000.0	
2	4.747	4.747	0.000	5256251	1000.0	1000.0	M
2	5.064	5.064	0.000	4063093	1000.0	1000.0	
2	5.209	5.209	0.000	7237239	1000.0	1000.0	
2	5.545	5.545	0.000	5733065	1000.0	1000.0	
2	5.786	5.786	0.000	5062576	1000.0	1000.0	
2	6.165	6.165	0.000	7058617	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
						RPD = 0.00	

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1254L4\_00025

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134578.D

Injection Date: 23-Jan-2019 14:52:42

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

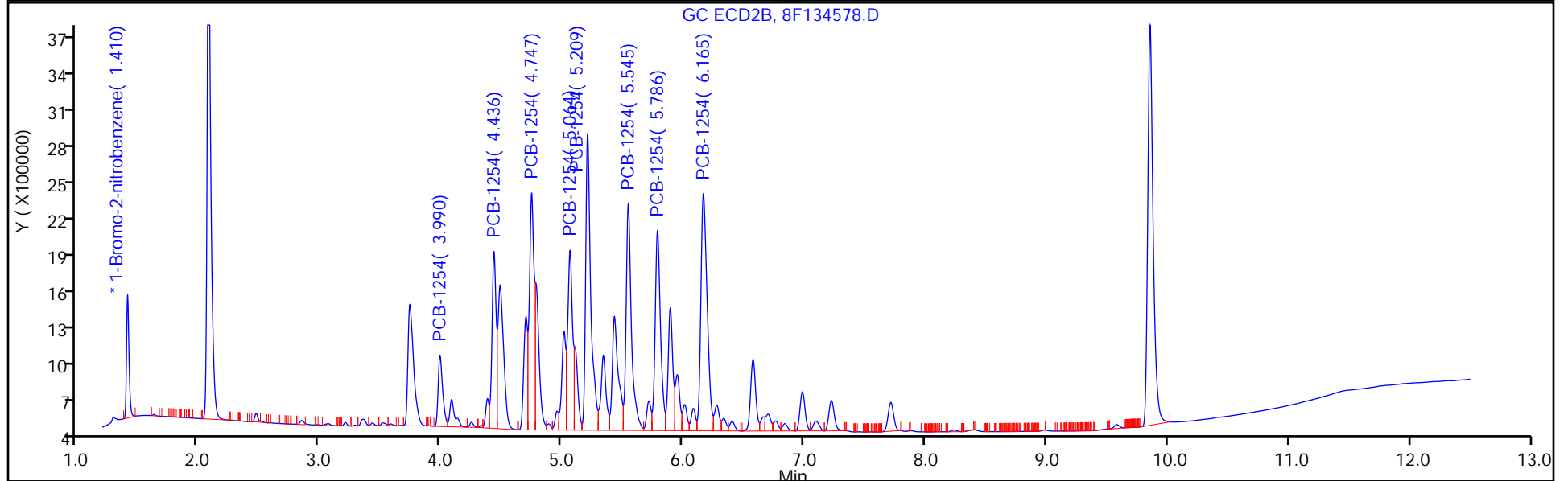
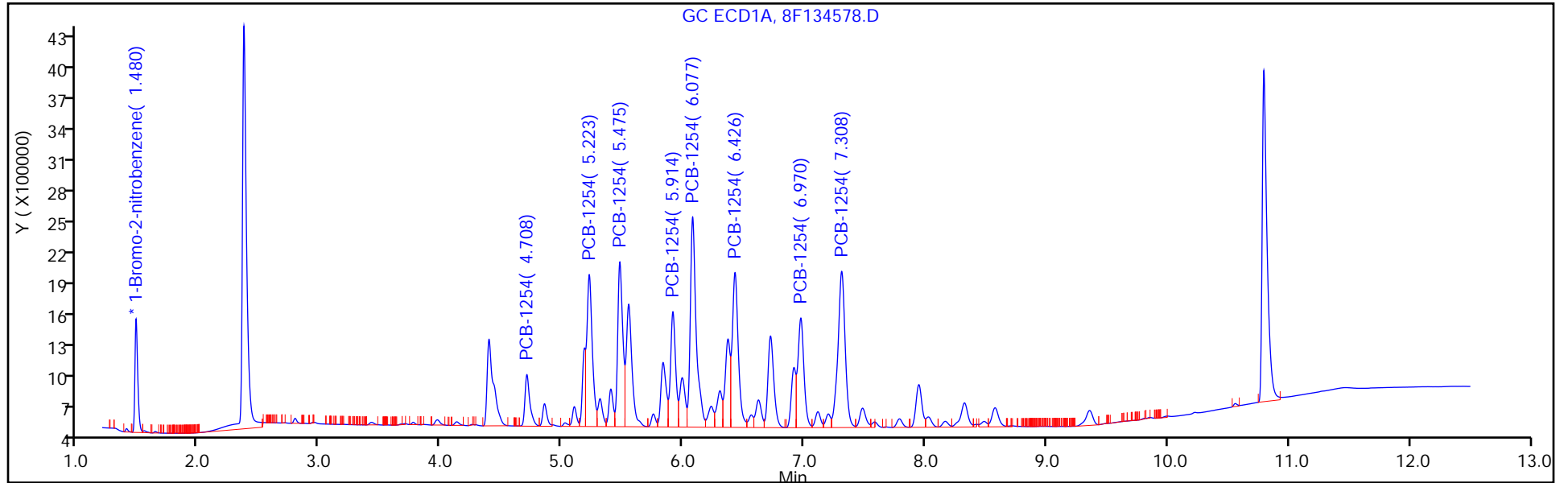
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 15:10 Calibration End Date: 01/23/2019 15:10 Calibration ID: 73072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/13	8F134579.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	0.0733				Ave		0.0733						20.0			0.9900
PCB-1262 Peak 2	0.0834				Ave		0.0834						20.0			0.9900
PCB-1262 Peak 3	0.1117				Ave		0.1117						20.0			0.9900
PCB-1262 Peak 4	0.1032				Ave		0.1032						20.0			0.9900
PCB-1262 Peak 5	0.2020				Ave		0.2020						20.0			0.9900
PCB-1262 Peak 6	0.0310				Ave		0.0310						20.0			0.9900
PCB-1262 Peak 7	0.0736				Ave		0.0736						20.0			0.9900
PCB-1262 Peak 8	0.0274				Ave		0.0274						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 15:10 Calibration End Date: 01/23/2019 15:10 Calibration ID: 73072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/13	8F134579.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1262 Peak 1	BNB	Ave	5941666						1000				
PCB-1262 Peak 2	BNB	Ave	6755398						1000				
PCB-1262 Peak 3	BNB	Ave	9050946						1000				
PCB-1262 Peak 4	BNB	Ave	8359553						1000				
PCB-1262 Peak 5	BNB	Ave	16365944						1000				
PCB-1262 Peak 6	BNB	Ave	2514916						1000				
PCB-1262 Peak 7	BNB	Ave	5963236						1000				
PCB-1262 Peak 8	BNB	Ave	2221256						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134579.D  
 Lims ID: IC 1262  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 15:10:29 ALS Bottle#: 17 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-013  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub7  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:47 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 16:40:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.479	1.479	0.000	1620326	20.0	20.0	
2	1.410	1.410	0.000	1347153	20.0	20.0	M
						RPD = 0.00	

9 PCB-1262							M
1	6.370	6.370	0.000	5941666	1000.0	1000.0	M
1	6.720	6.720	0.000	6755398	1000.0	1000.0	M
1	7.488	7.488	0.000	9050946	1000.0	1000.0	M
1	8.031	8.031	0.000	8359553	1000.0	1000.0	M
1	8.578	8.578	0.000	16365944	1000.0	1000.0	M
1	10.005	10.005	0.000	2514916	1000.0	1000.0	
1	10.228	10.228	0.000	5963236	1000.0	1000.0	
1	10.563	10.563	0.000	2221256	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	5.431	5.431	0.000	6068130	1000.0	1000.0	
2	6.705	6.705	0.000	9002130	1000.0	1000.0	
2	7.225	7.225	0.000	19439469	1000.0	1000.0	
2	7.716	7.716	0.000	6523932	1000.0	1000.0	
2	7.877	7.877	0.000	9261648	1000.0	1000.0	
2	8.417	8.417	0.000	3383203	1000.0	1000.0	
2	8.988	8.988	0.000	7314937	1000.0	1000.0	
2	9.582	9.582	0.000	2838322	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
						RPD = 0.00	

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1262L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134579.D

Injection Date: 23-Jan-2019 15:10:29

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

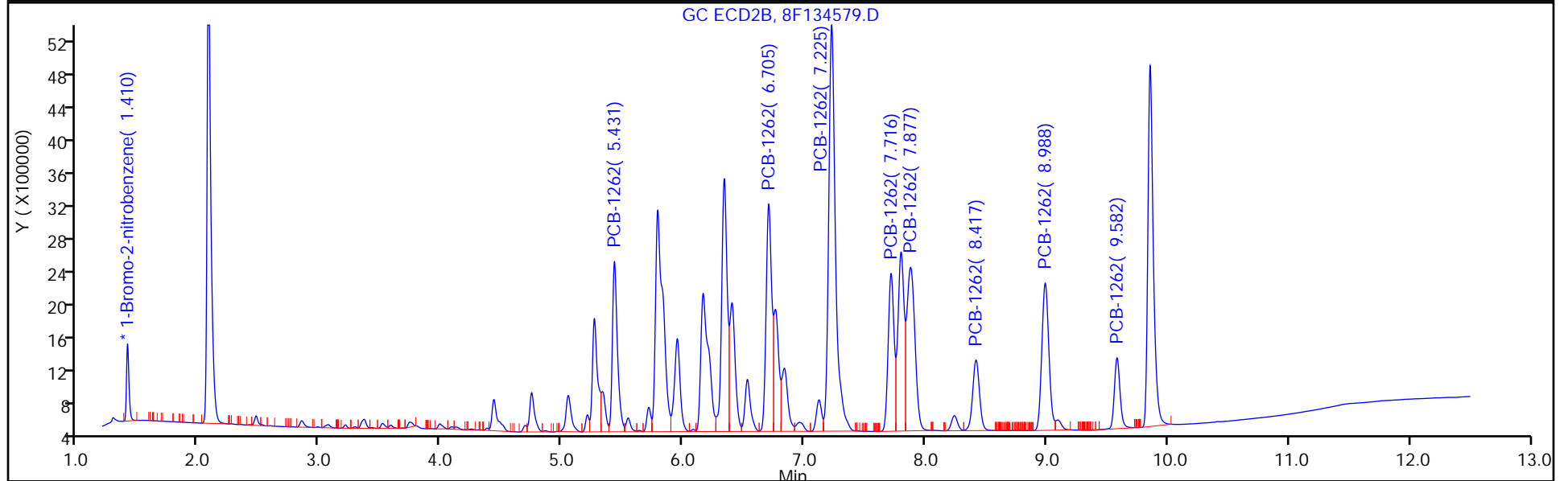
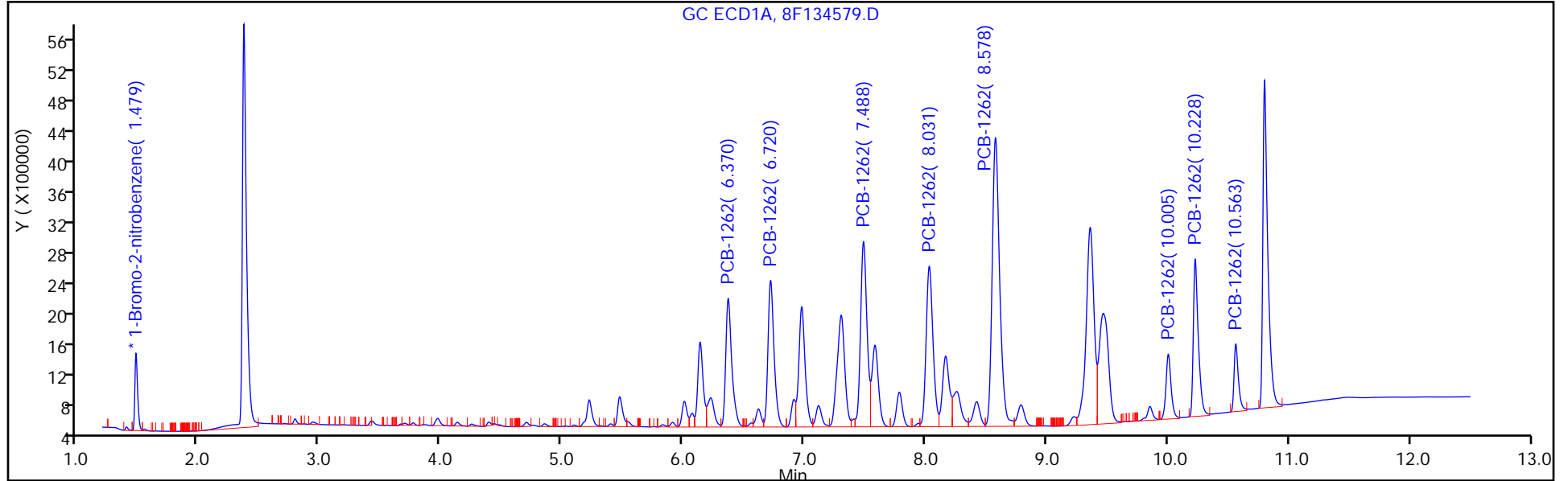
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 15:10 Calibration End Date: 01/23/2019 15:10 Calibration ID: 73073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/13	8F134579.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	0.0901				Ave		0.0901						20.0			0.9900
PCB-1262 Peak 2	0.1336				Ave		0.1336						20.0			0.9900
PCB-1262 Peak 3	0.2886				Ave		0.2886						20.0			0.9900
PCB-1262 Peak 4	0.0969				Ave		0.0969						20.0			0.9900
PCB-1262 Peak 5	0.1375				Ave		0.1375						20.0			0.9900
PCB-1262 Peak 6	0.0502				Ave		0.0502						20.0			0.9900
PCB-1262 Peak 7	0.1086				Ave		0.1086						20.0			0.9900
PCB-1262 Peak 8	0.0421				Ave		0.0421						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 15:10 Calibration End Date: 01/23/2019 15:10 Calibration ID: 73073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/13	8F134579.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1262 Peak 1	BNB	Ave	6068130						1000				
PCB-1262 Peak 2	BNB	Ave	9002130						1000				
PCB-1262 Peak 3	BNB	Ave	19439469						1000				
PCB-1262 Peak 4	BNB	Ave	6523932						1000				
PCB-1262 Peak 5	BNB	Ave	9261648						1000				
PCB-1262 Peak 6	BNB	Ave	3383203						1000				
PCB-1262 Peak 7	BNB	Ave	7314937						1000				
PCB-1262 Peak 8	BNB	Ave	2838322						1000				

Curve Type Legend:

Ave = Average ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134579.D  
 Lims ID: IC 1262  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 15:10:29 ALS Bottle#: 17 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-013  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub7  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:47 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 16:40:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.479	1.479	0.000	1620326	20.0	20.0	
2	1.410	1.410	0.000	1347153	20.0	20.0	M

RPD = 0.00

9 PCB-1262							M
1	6.370	6.370	0.000	5941666	1000.0	1000.0	M
1	6.720	6.720	0.000	6755398	1000.0	1000.0	M
1	7.488	7.488	0.000	9050946	1000.0	1000.0	M
1	8.031	8.031	0.000	8359553	1000.0	1000.0	M
1	8.578	8.578	0.000	16365944	1000.0	1000.0	M
1	10.005	10.005	0.000	2514916	1000.0	1000.0	
1	10.228	10.228	0.000	5963236	1000.0	1000.0	
1	10.563	10.563	0.000	2221256	1000.0	1000.0	

Average of Peak Amounts = 1000.0

2	5.431	5.431	0.000	6068130	1000.0	1000.0	
2	6.705	6.705	0.000	9002130	1000.0	1000.0	
2	7.225	7.225	0.000	19439469	1000.0	1000.0	
2	7.716	7.716	0.000	6523932	1000.0	1000.0	
2	7.877	7.877	0.000	9261648	1000.0	1000.0	
2	8.417	8.417	0.000	3383203	1000.0	1000.0	
2	8.988	8.988	0.000	7314937	1000.0	1000.0	
2	9.582	9.582	0.000	2838322	1000.0	1000.0	

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1262L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134579.D

Injection Date: 23-Jan-2019 15:10:29

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

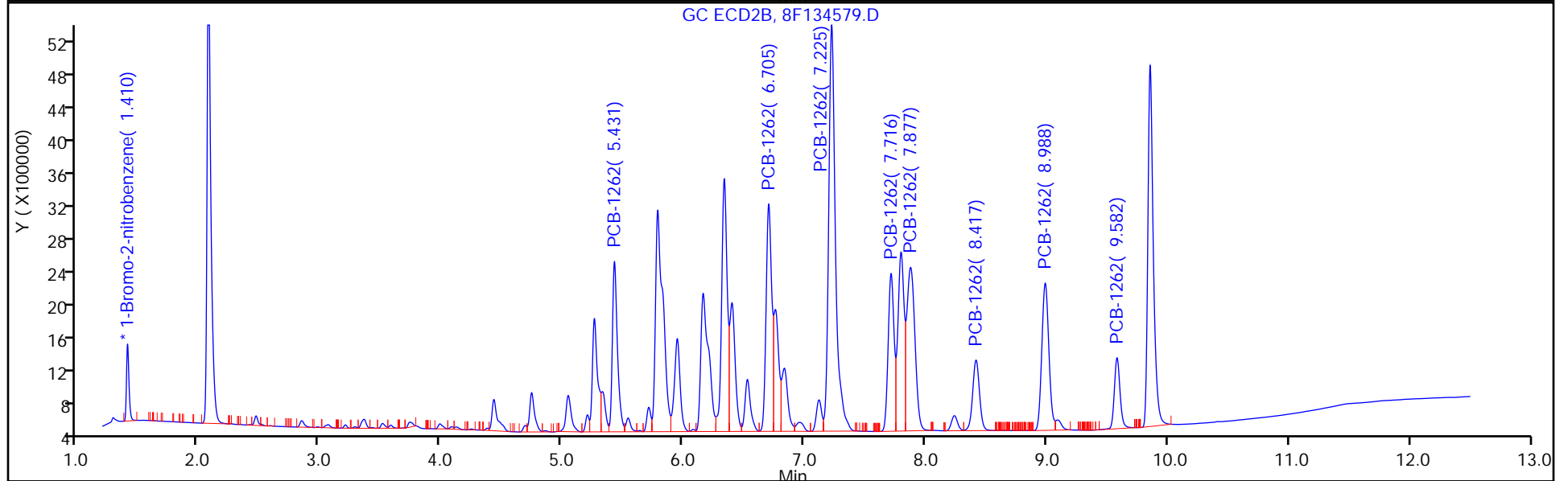
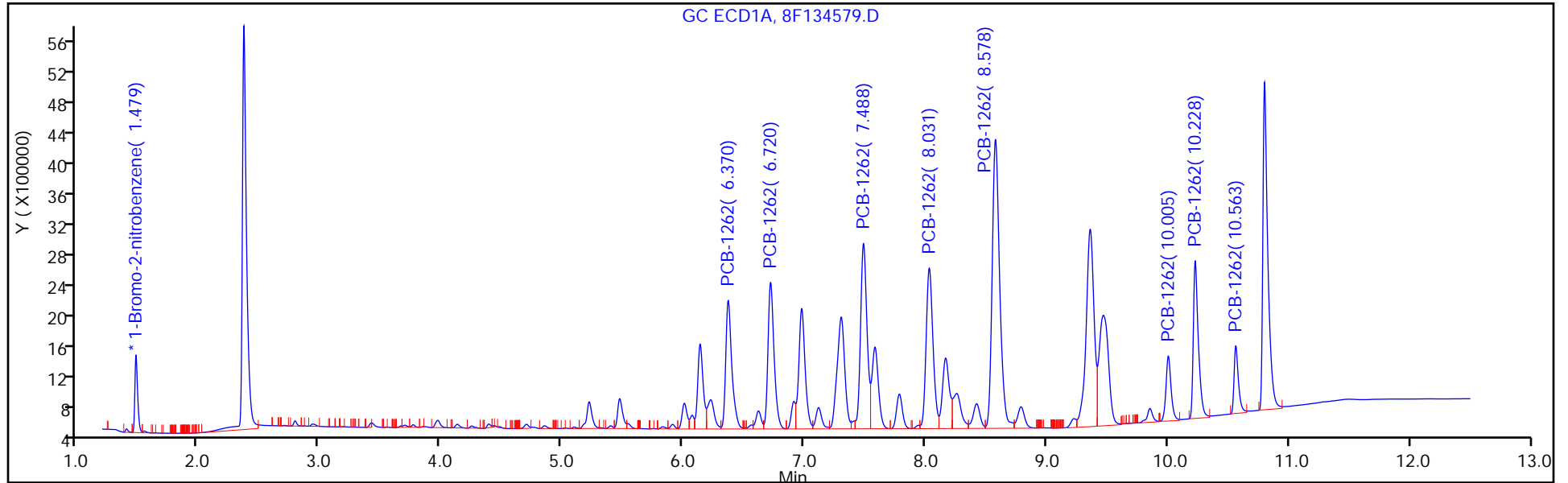
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 15:28 Calibration End Date: 01/23/2019 15:28 Calibration ID: 73078

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/14	8F134580.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	0.0283				Ave		0.0283						20.0			0.9900
PCB-1268 Peak 2	0.0393				Ave		0.0393						20.0			0.9900
PCB-1268 Peak 3	0.1412				Ave		0.1412						20.0			0.9900
PCB-1268 Peak 4	0.1456				Ave		0.1456						20.0			0.9900
PCB-1268 Peak 5	0.1124				Ave		0.1124						20.0			0.9900
PCB-1268 Peak 6	0.0330				Ave		0.0330						20.0			0.9900
PCB-1268 Peak 7	0.0472				Ave		0.0472						20.0			0.9900
PCB-1268 Peak 8	0.3305				Ave		0.3305						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 15:28 Calibration End Date: 01/23/2019 15:28 Calibration ID: 73078

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/14	8F134580.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1268 Peak 1	BNB	Ave	2392738						1000				
PCB-1268 Peak 2	BNB	Ave	3324896						1000				
PCB-1268 Peak 3	BNB	Ave	11957884						1000				
PCB-1268 Peak 4	BNB	Ave	12328616						1000				
PCB-1268 Peak 5	BNB	Ave	9521061						1000				
PCB-1268 Peak 6	BNB	Ave	2795532						1000				
PCB-1268 Peak 7	BNB	Ave	3996211						1000				
PCB-1268 Peak 8	BNB	Ave	27989323						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Lims ID: IC 1268  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 15:28:19 ALS Bottle#: 18 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-014  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:52 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 16:45:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.480 1.480 0.000 1693524 20.0 20.0  
 2 1.410 1.410 0.000 1387495 20.0 20.0 M  
 RPD = 0.00

10 PCB-1268

1 7.487 7.487 0.000 2392738 1000.0 1000.0  
 1 8.042 8.042 0.000 3324896 1000.0 1000.0  
 1 9.362 9.362 0.000 11957884 1000.0 1000.0  
 1 9.457 9.457 0.000 12328616 1000.0 1000.0  
 1 9.857 9.857 0.000 9521061 1000.0 1000.0  
 1 9.986 9.986 0.000 2795532 1000.0 1000.0  
 1 10.230 10.230 0.000 3996211 1000.0 1000.0  
 1 10.567 10.567 0.000 27989323 1000.0 1000.0

Average of Peak Amounts = 1000.0

2 6.337 6.337 0.000 2887054 1000.0 1000.0  
 2 6.698 6.698 0.000 3721274 1000.0 1000.0  
 2 7.799 7.799 0.000 12824979 1000.0 1000.0  
 2 7.867 7.867 0.000 14330395 1000.0 1000.0  
 2 8.241 8.241 0.000 11628498 1000.0 1000.0  
 2 8.408 8.408 0.000 3577435 1000.0 1000.0  
 2 8.988 8.988 0.000 5273354 1000.0 1000.0  
 2 9.584 9.584 0.000 32320502 1000.0 1000.0

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1268L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D

Injection Date: 23-Jan-2019 15:28:19

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

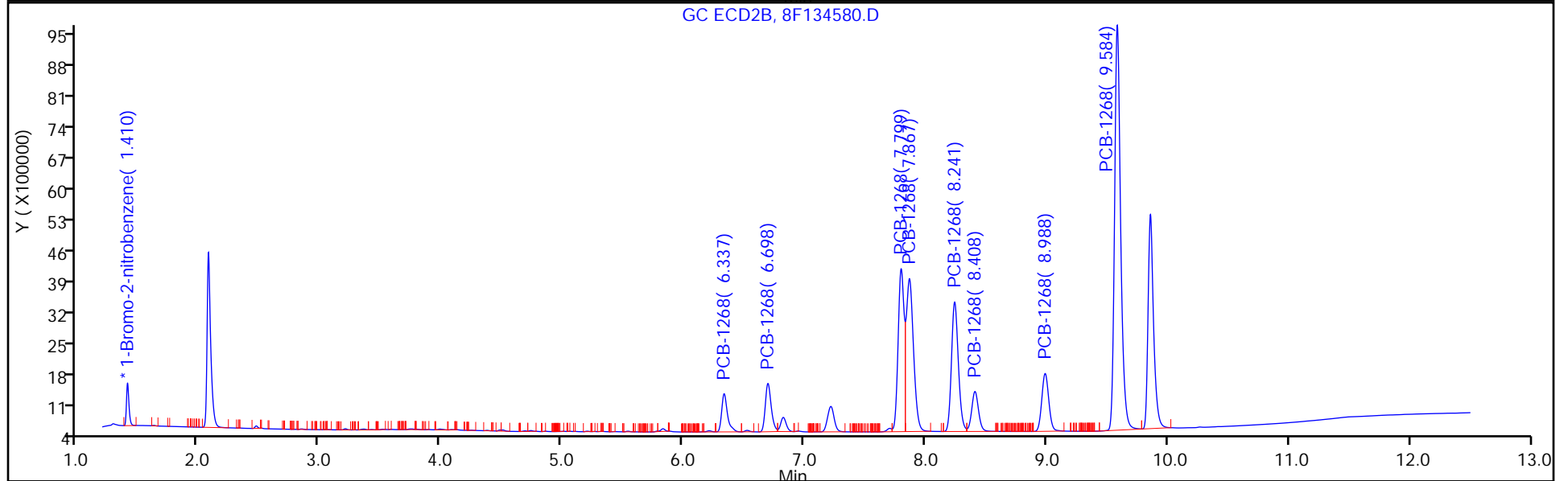
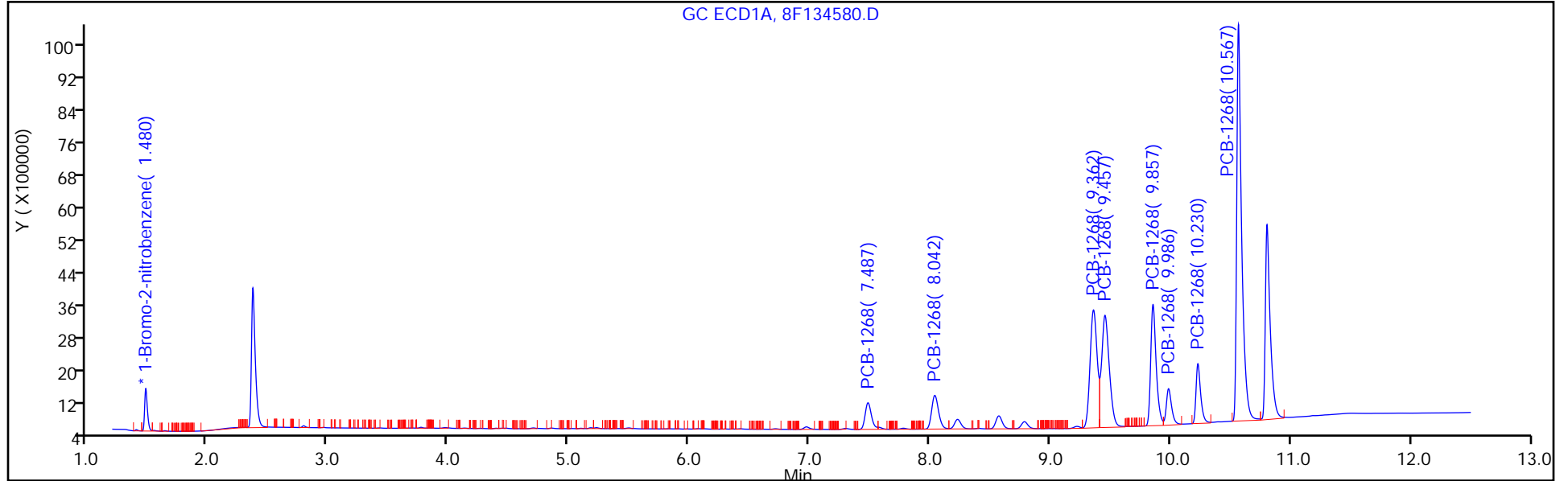
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD





FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 15:28 Calibration End Date: 01/23/2019 15:28 Calibration ID: 73079

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/14	8F134580.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	0.0416				Ave		0.0416						20.0			0.9900
PCB-1268 Peak 2	0.0536				Ave		0.0536						20.0			0.9900
PCB-1268 Peak 3	0.1849				Ave		0.1849						20.0			0.9900
PCB-1268 Peak 4	0.2066				Ave		0.2066						20.0			0.9900
PCB-1268 Peak 5	0.1676				Ave		0.1676						20.0			0.9900
PCB-1268 Peak 6	0.0516				Ave		0.0516						20.0			0.9900
PCB-1268 Peak 7	0.0760				Ave		0.0760						20.0			0.9900
PCB-1268 Peak 8	0.4659				Ave		0.4659						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 584660

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/23/2019 15:28 Calibration End Date: 01/23/2019 15:28 Calibration ID: 73079

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-584660/14	8F134580.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	2887054					1000				
PCB-1268 Peak 2	BNB	Ave	3721274					1000				
PCB-1268 Peak 3	BNB	Ave	12824979					1000				
PCB-1268 Peak 4	BNB	Ave	14330395					1000				
PCB-1268 Peak 5	BNB	Ave	11628498					1000				
PCB-1268 Peak 6	BNB	Ave	3577435					1000				
PCB-1268 Peak 7	BNB	Ave	5273354					1000				
PCB-1268 Peak 8	BNB	Ave	32320502					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Lims ID: IC 1268  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 23-Jan-2019 15:28:19 ALS Bottle#: 18 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0085507-014  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 23-Jan-2019 17:03:52 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0329

First Level Reviewer: guhas Date: 23-Jan-2019 16:45:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene M  
 1 1.480 1.480 0.000 1693524 20.0 20.0  
 2 1.410 1.410 0.000 1387495 20.0 20.0 M  
 RPD = 0.00

10 PCB-1268

1 7.487 7.487 0.000 2392738 1000.0 1000.0  
 1 8.042 8.042 0.000 3324896 1000.0 1000.0  
 1 9.362 9.362 0.000 11957884 1000.0 1000.0  
 1 9.457 9.457 0.000 12328616 1000.0 1000.0  
 1 9.857 9.857 0.000 9521061 1000.0 1000.0  
 1 9.986 9.986 0.000 2795532 1000.0 1000.0  
 1 10.230 10.230 0.000 3996211 1000.0 1000.0  
 1 10.567 10.567 0.000 27989323 1000.0 1000.0

Average of Peak Amounts = 1000.0

2 6.337 6.337 0.000 2887054 1000.0 1000.0  
 2 6.698 6.698 0.000 3721274 1000.0 1000.0  
 2 7.799 7.799 0.000 12824979 1000.0 1000.0  
 2 7.867 7.867 0.000 14330395 1000.0 1000.0  
 2 8.241 8.241 0.000 11628498 1000.0 1000.0  
 2 8.408 8.408 0.000 3577435 1000.0 1000.0  
 2 8.988 8.988 0.000 5273354 1000.0 1000.0  
 2 9.584 9.584 0.000 32320502 1000.0 1000.0

Average of Peak Amounts = 1000.0

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1268L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00012

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D

Injection Date: 23-Jan-2019 15:28:19

Instrument ID: CPESTGC8

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

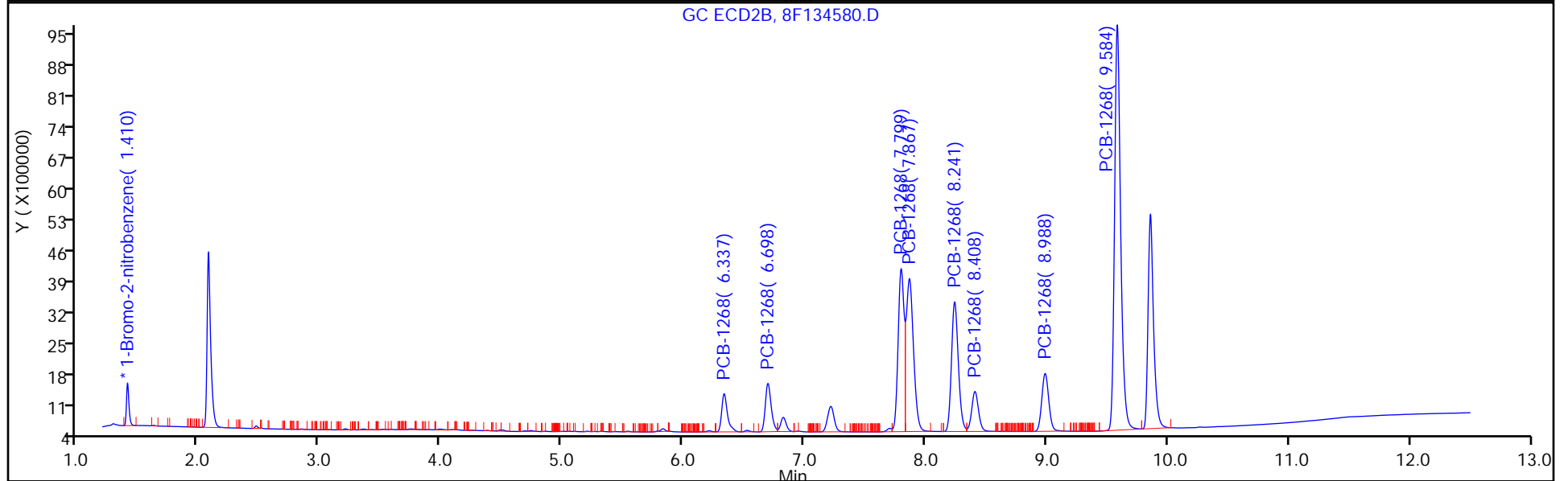
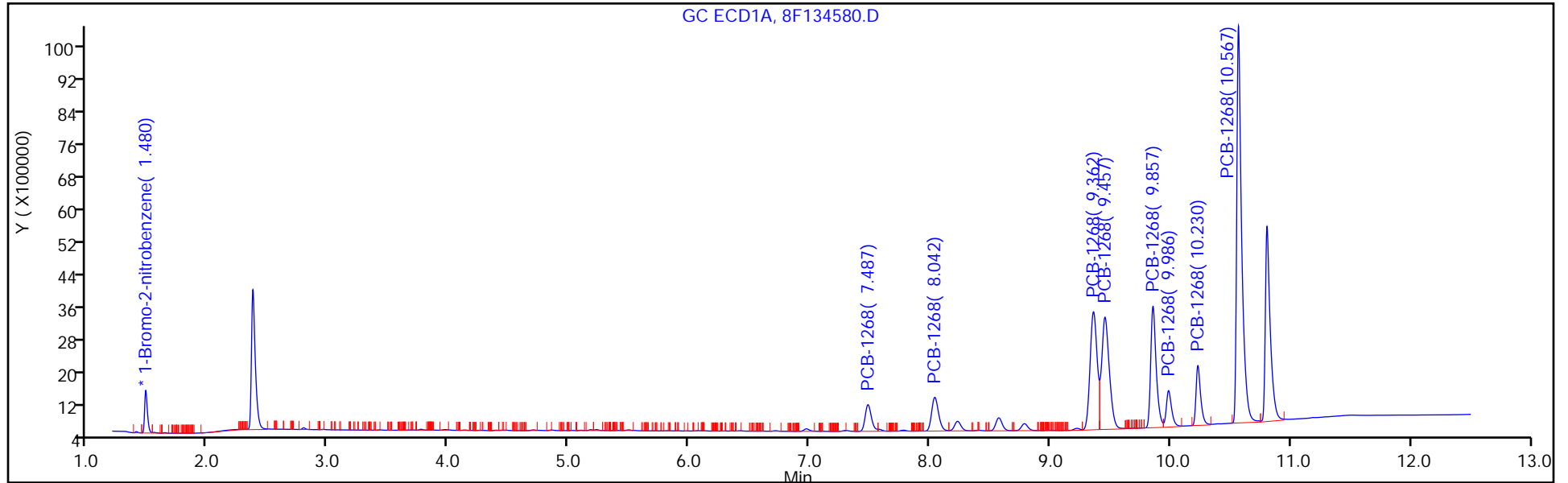
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 11:24 Calibration End Date: 02/13/2019 12:32 Calibration ID: 73497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/3	9F003161.D
Level 2	IC 460-589093/4	9F003162.D
Level 3	IC 460-589093/2	9F003160.D
Level 4	IC 460-589093/5	9F003163.D
Level 5	IC 460-589093/6	9F003164.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0232	0.0258	0.0211	0.0217	0.0250	Ave		0.0234			8.8	20.0				0.9900	
PCB-1016 Peak 2	0.0396	0.0560	0.0444	0.0435	0.0522	Ave		0.0472			14.3	20.0				0.9900	
PCB-1016 Peak 3	0.0979	0.0997	0.0802	0.0768	0.0946	Ave		0.0898			11.8	20.0				0.9900	
PCB-1016 Peak 4	0.0354	0.0455	0.0369	0.0352	0.0424	Ave		0.0391			11.8	20.0				0.9900	
PCB-1016 Peak 5	0.0207	0.0309	0.0265	0.0258	0.0324	Ave		0.0273			16.8	20.0				0.9900	
PCB-1016 Peak 6	0.0264	0.0329	0.0271	0.0256	0.0313	Ave		0.0287			11.3	20.0				0.9900	
PCB-1016 Peak 7	0.0260	0.0382	0.0318	0.0302	0.0383	Ave		0.0329			16.1	20.0				0.9900	
PCB-1016 Peak 8	0.0302	0.0371	0.0389	0.0349	0.0438	Ave		0.0370			13.5	20.0				0.9900	
PCB-1260 Peak 1	0.0192	0.0306	0.0247	0.0244	0.0309	Ave		0.0259			18.9	20.0				0.9900	
PCB-1260 Peak 2	0.0537	0.0722	0.0604	0.0558	0.0690	Ave		0.0622			13.0	20.0				0.9900	
PCB-1260 Peak 3	0.0638	0.0812	0.0664	0.0628	0.0772	Ave		0.0703			11.9	20.0				0.9900	
PCB-1260 Peak 4	0.0430	0.0534	0.0427	0.0426	0.0520	Ave		0.0467			11.7	20.0				0.9900	
PCB-1260 Peak 5	0.0417	0.0560	0.0448	0.0457	0.0563	Ave		0.0489			13.9	20.0				0.9900	
PCB-1260 Peak 6	0.0895	0.1218	0.0983	0.0996	0.1237	Ave		0.1066			14.4	20.0				0.9900	
PCB-1260 Peak 7	0.0626	0.0921	0.0772	0.0781	0.0969	Ave		0.0814			16.7	20.0				0.9900	
PCB-1260 Peak 8	0.0239	0.0357	0.0257	0.0278	0.0342	Ave		0.0295			17.7	20.0				0.9900	
Tetrachloro-m-xylene	0.8689	1.0955	0.9384	1.0149	1.2521	Ave		1.0340			14.4	20.0				0.9900	
DCB Decachlorobiphenyl	0.8780	1.1621	0.9871	0.9384	1.2003	Ave		1.0332			13.7	20.0				0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 11:24 Calibration End Date: 02/13/2019 12:32 Calibration ID: 73497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/3	9F003161.D
Level 2	IC 460-589093/4	9F003162.D
Level 3	IC 460-589093/2	9F003160.D
Level 4	IC 460-589093/5	9F003163.D
Level 5	IC 460-589093/6	9F003164.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	120300	1112237	1882588	2741870	4756917	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	204894	2415338	3971608	5497605	9926524	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	506576	4299172	7171459	9695049	17984976	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	183171	1960078	3300867	4444910	8063254	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	107380	1330672	2370386	3257595	6152054	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	136686	1416898	2424811	3231524	5958452	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	134826	1648655	2845258	3817681	7272572	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	156518	1599337	3475899	4408723	8325431	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	99200	1319528	2207188	3080927	5874225	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	278051	3114696	5401730	7048880	13109164	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	330162	3502512	5939084	7932067	14671948	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	222546	2302073	3819394	5379083	9892733	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	216008	2416636	4001556	5765247	10704961	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	463074	5252793	8793885	12579733	23522470	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	324210	3972029	6900480	9856460	18427361	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	123724	1538677	2295683	3510123	6501004	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	1124488	4723846	8391319	12816558	19041576	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1136297	5010757	8826879	11850617	18253116	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003160.D  
 Lims ID: IC PCB 3  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 13-Feb-2019 11:24:44 ALS Bottle#: 3 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-002  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:30:48 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:28:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.368	1.368	0.000	1788361	20.0	20.0	
2	1.348	1.348	0.000	4588878	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.199	2.199	0.000	8391319	100.0	90.8	
2	1.991	1.991	0.000	23242506	100.0	95.8	
						RPD = 5.36	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.736	2.736	0.000	1882588	1000.0	901.1	
1	3.206	3.206	0.000	3971608	1000.0	942.0	
1	3.740	3.740	0.000	7171459	1000.0	892.8	
1	3.896	3.896	0.000	3300867	1000.0	944.7	
1	4.012	4.012	0.000	2370386	1000.0	972.7	
1	4.458	4.458	0.000	2424811	1000.0	946.1	
1	4.603	4.603	0.000	2845258	1000.0	966.6	
1	4.967	4.967	0.000	3475899	1000.0	1051.1	

Average of Peak Amounts = 952.1

2	2.366	2.366	0.000	5120259	1000.0	961.6	
2	2.743	2.743	0.000	8158307	1000.0	967.3	
2	2.955	2.955	0.000	5469067	1000.0	1010.5	
2	3.248	3.248	0.000	14349367	1000.0	973.1	
2	3.398	3.398	0.000	6344390	1000.0	1021.5	
2	3.464	3.464	0.000	4382303	1000.0	1015.0	
2	3.866	3.866	0.000	6877196	1000.0	946.0	
2	4.306	4.306	0.000	4046230	1000.0	1050.4	

Average of Peak Amounts = 993.2

RPD = 4.22

8 PCB-1260

1	5.835	5.835	0.000	2207188	1000.0	951.2	M
1	6.050	6.050	0.000	5401730	1000.0	970.8	
1	6.383	6.383	0.000	5939084	1000.0	945.0	
1	7.098	7.098	0.000	3819394	1000.0	913.7	
1	7.601	7.601	0.000	4001556	1000.0	915.2	
1	8.121	8.121	0.000	8793885	1000.0	922.6	
1	8.855	8.855	0.000	6900480	1000.0	948.3	
1	9.945	9.945	0.000	2295683	1000.0	871.8	M

Average of Peak Amounts = 929.8

2	5.293	5.293	0.000	9948187	1000.0	947.2	
2	5.993	5.993	0.000	17940228	1000.0	1003.7	
2	6.161	6.161	0.000	7451521	1000.0	930.7	
2	6.513	6.513	0.000	8384865	1000.0	930.7	
2	7.012	7.012	0.000	19379745	1000.0	933.1	
2	7.484	7.484	0.000	10770514	1000.0	965.7	
2	7.644	7.644	0.000	5708854	1000.0	967.7	
2	8.716	8.716	0.000	4964905	1000.0	915.4	

Average of Peak Amounts = 949.3

RPD = 2.07

\$ 11 DCB Decachlorobiphenyl

1	10.546	10.546	0.000	8826879	100.0	95.5	
2	9.683	9.683	0.000	17845747	100.0	97.5	

RPD = 2.02

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1260ResPCB_00001	Amount Added: 1.00	Units: mL	
SG1660L3_00034	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003160.D

Injection Date: 13-Feb-2019 11:24:44

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 2

Client ID:

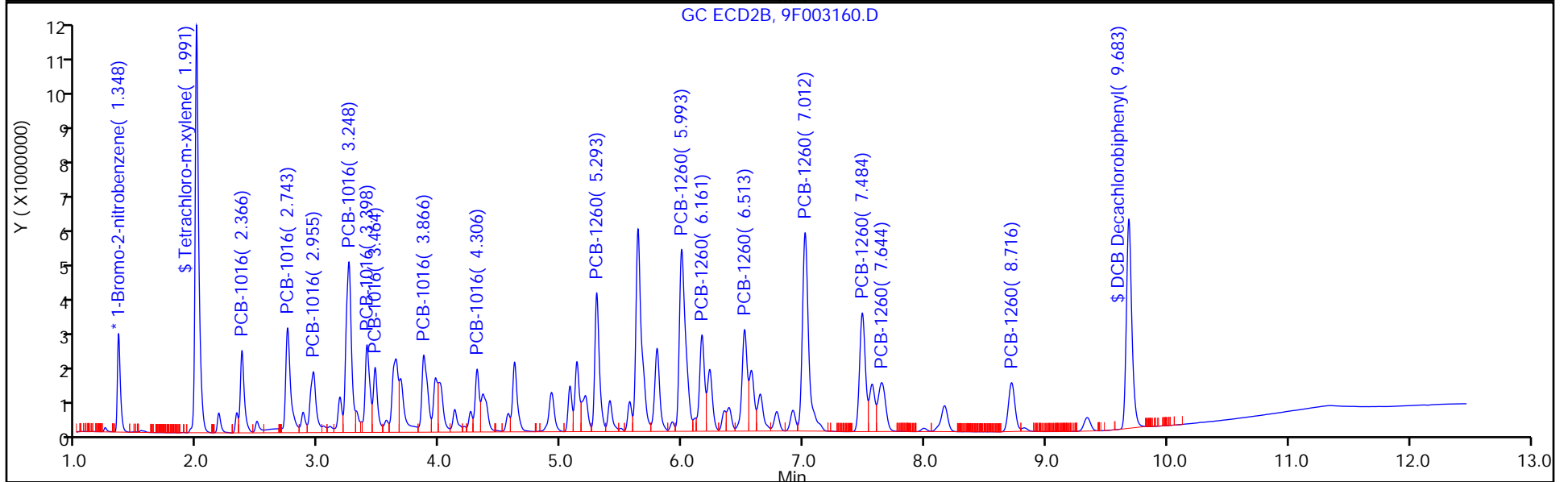
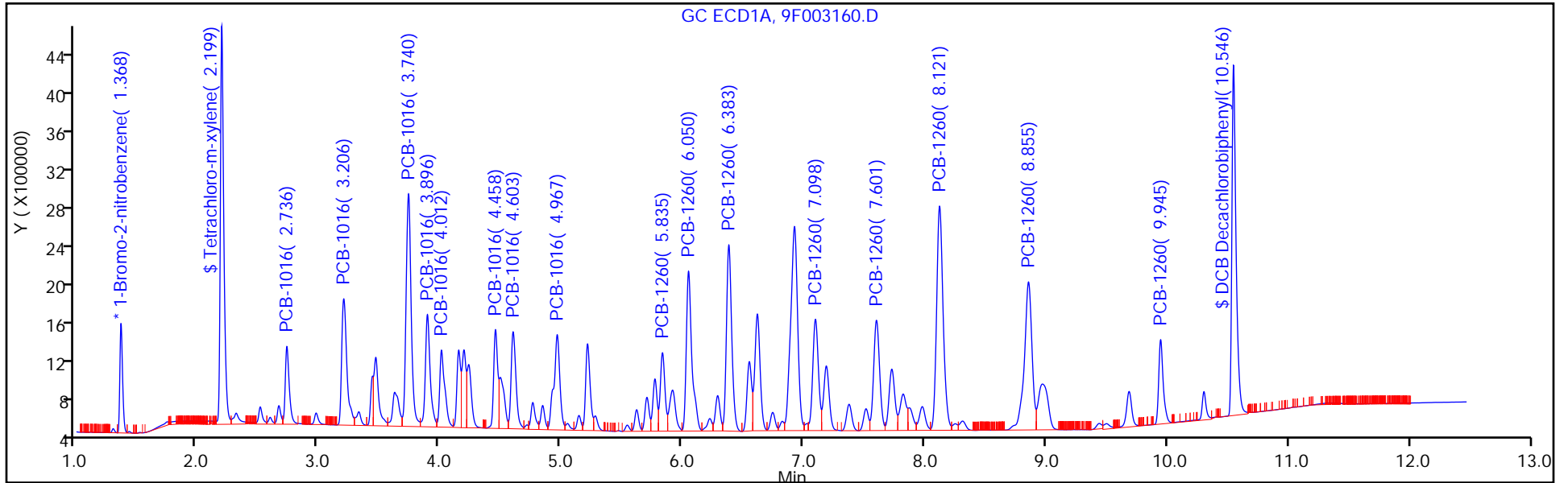
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003161.D  
 Lims ID: IC PCB 1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 13-Feb-2019 11:41:37 ALS Bottle#: 4 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-003  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:30:58 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:29:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.368	-0.001	2070681	20.0	20.0	
2	1.347	1.348	-0.001	5084093	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.197	2.199	-0.002	1124488	12.5	10.5	
2	1.991	1.991	0.000	3056242	12.5	11.4	
						RPD = 7.88	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.735	2.736	-0.001	120300	50.0	49.7	M
1	3.204	3.206	-0.002	204894	50.0	42.0	M
1	3.737	3.740	-0.003	506576	50.0	54.5	M
1	3.893	3.896	-0.003	183171	50.0	45.3	M
1	4.010	4.012	-0.002	107380	50.0	38.1	M
1	4.455	4.458	-0.003	136686	50.0	46.1	
1	4.601	4.603	-0.002	134826	50.0	39.6	
1	4.966	4.967	-0.001	156518	50.0	40.9	M

Average of Peak Amounts = 44.5

2	2.366	2.366	0.000	359057	50.0	60.9	
2	2.741	2.743	-0.002	482817	50.0	51.7	M
2	2.954	2.955	-0.001	307021	50.0	51.2	M
2	3.246	3.248	-0.002	676960	50.0	41.4	M
2	3.396	3.398	-0.002	291501	50.0	42.4	M
2	3.463	3.464	-0.001	219327	50.0	45.9	M
2	3.864	3.866	-0.002	472344	50.0	58.6	M
2	4.305	4.306	-0.001	198904	50.0	46.6	M

Average of Peak Amounts = 49.8

RPD = 11.30

8 PCB-1260

							M
1	5.833	5.835	-0.002	99200	50.0	36.9	M
1	6.049	6.050	-0.001	278051	50.0	43.2	M
1	6.381	6.383	-0.002	330162	50.0	45.4	M
1	7.096	7.098	-0.002	222546	50.0	46.0	M
1	7.600	7.601	-0.001	216008	50.0	42.7	M
1	8.120	8.121	-0.001	463074	50.0	42.0	
1	8.853	8.855	-0.002	324210	50.0	38.5	
1	9.946	9.945	0.001	123724	50.0	40.6	M

Average of Peak Amounts = 41.9

2	5.291	5.293	-0.002	641326	50.0	55.1	M
2	5.991	5.993	-0.002	899234	50.0	45.4	M
2	6.160	6.161	-0.001	416348	50.0	46.9	M
2	6.511	6.513	-0.002	469872	50.0	47.1	M
2	7.010	7.012	-0.002	1047191	50.0	45.5	M
2	7.482	7.484	-0.002	548071	50.0	44.4	M
2	7.642	7.644	-0.002	286022	50.0	43.8	M
2	8.714	8.716	-0.002	275099	50.0	45.8	M

Average of Peak Amounts = 46.7

RPD = 10.95

\$ 11 DCB Decachlorobiphenyl

							M
1	10.548	10.546	0.002	1136297	12.5	10.6	M
2	9.683	9.683	0.000	2324514	12.5	11.5	

RPD = 7.61

S 12 Polychlorinated biphenyls, Total

1						86.4	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L1\_00019

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003161.D

Injection Date: 13-Feb-2019 11:41:37

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 3

Client ID:

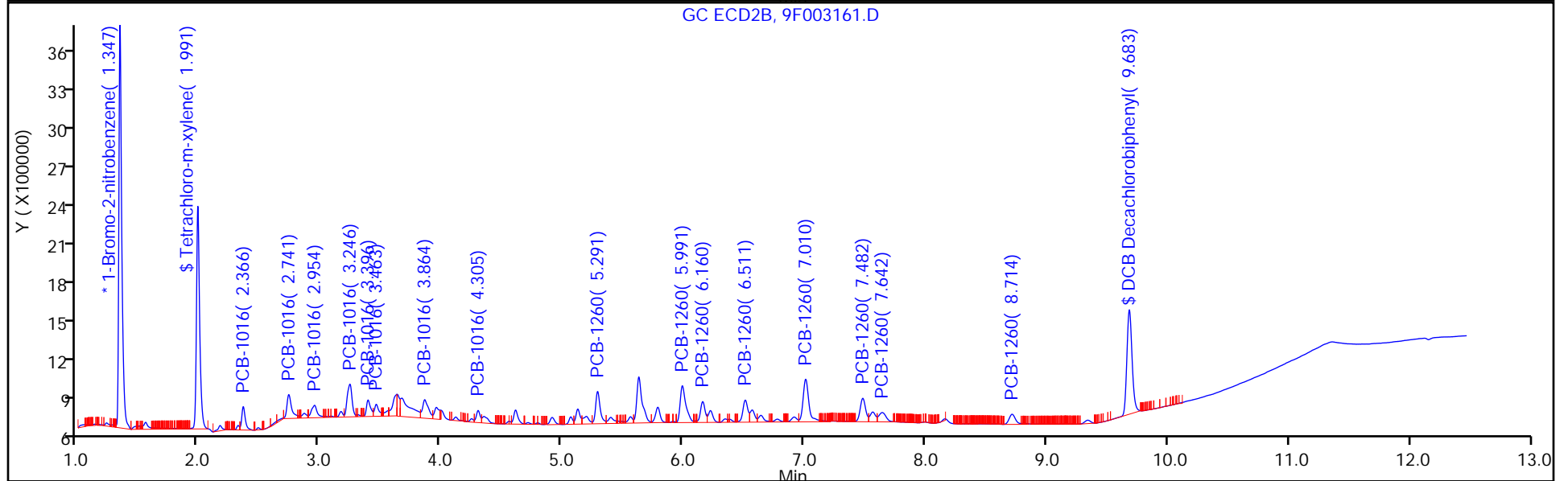
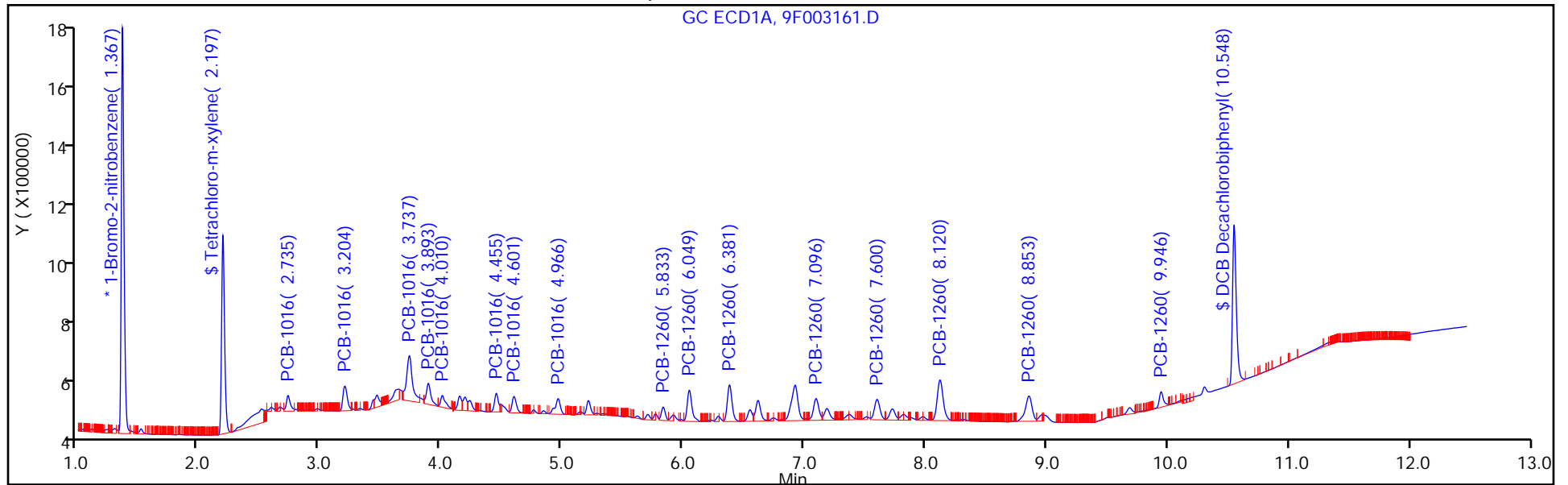
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003162.D  
 Lims ID: IC PCB 2  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 13-Feb-2019 11:58:31 ALS Bottle#: 5 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-004  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:07 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:29:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.368	-0.001	1724782	20.0	20.0	
2	1.347	1.348	-0.001	4482676	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.198	2.199	-0.001	4723846	50.0	53.0	
2	1.991	1.991	0.000	13709638	50.0	57.8	
						RPD = 8.75	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.736	2.736	0.000	1112237	500.0	552.0	
1	3.205	3.206	-0.001	2415338	500.0	594.0	M
1	3.740	3.740	0.000	4299172	500.0	555.0	M
1	3.896	3.896	0.000	1960078	500.0	581.7	M
1	4.011	4.012	-0.001	1330672	500.0	566.2	M
1	4.457	4.458	-0.001	1416898	500.0	573.2	M
1	4.602	4.603	-0.001	1648655	500.0	580.8	M
1	4.967	4.967	0.000	1599337	500.0	501.5	M

Average of Peak Amounts = 563.0

2	2.365	2.366	-0.001	2598834	500.0	499.6	
2	2.742	2.743	-0.001	4426215	500.0	537.2	M
2	2.955	2.955	0.000	2847922	500.0	538.6	M
2	3.247	3.248	-0.001	8188442	500.0	568.5	M
2	3.397	3.398	-0.001	3575538	500.0	589.4	M
2	3.464	3.464	0.000	2351111	500.0	557.5	M
2	3.865	3.866	-0.001	3951106	500.0	556.4	M
2	4.306	4.306	0.000	2173979	500.0	577.8	M

Average of Peak Amounts = 553.1

RPD = 1.78

8 PCB-1260

							M
1	5.836	5.835	0.001	1319528	500.0	589.6	
1	6.051	6.050	0.001	3114696	500.0	580.4	
1	6.383	6.383	0.000	3502512	500.0	577.9	
1	7.097	7.098	-0.001	2302073	500.0	571.0	
1	7.602	7.601	0.001	2416636	500.0	573.1	M
1	8.122	8.121	0.001	5252793	500.0	571.4	M
1	8.857	8.855	0.002	3972029	500.0	566.0	
1	9.946	9.945	0.001	1538677	500.0	605.8	

Average of Peak Amounts = 579.4

2	5.292	5.293	-0.001	5870845	500.0	572.2	M
2	5.993	5.993	0.000	10406201	500.0	596.0	M
2	6.161	6.161	0.000	4792919	500.0	612.8	M
2	6.513	6.513	0.000	5370428	500.0	610.2	M
2	7.012	7.012	0.000	12364638	500.0	609.4	M
2	7.484	7.484	0.000	6510675	500.0	597.6	
2	7.643	7.644	-0.001	3399151	500.0	589.8	
2	8.717	8.716	0.001	3100490	500.0	585.2	

Average of Peak Amounts = 596.7

RPD = 2.94

\$ 11 DCB Decachlorobiphenyl

1	10.550	10.546	0.004	5010757	50.0	56.2	
2	9.684	9.683	0.001	10226708	50.0	57.2	

RPD = 1.69

S 12 Polychlorinated biphenyls, Total

1						1142.4	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L2\_00028

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003162.D

Injection Date: 13-Feb-2019 11:58:31

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 4

Client ID:

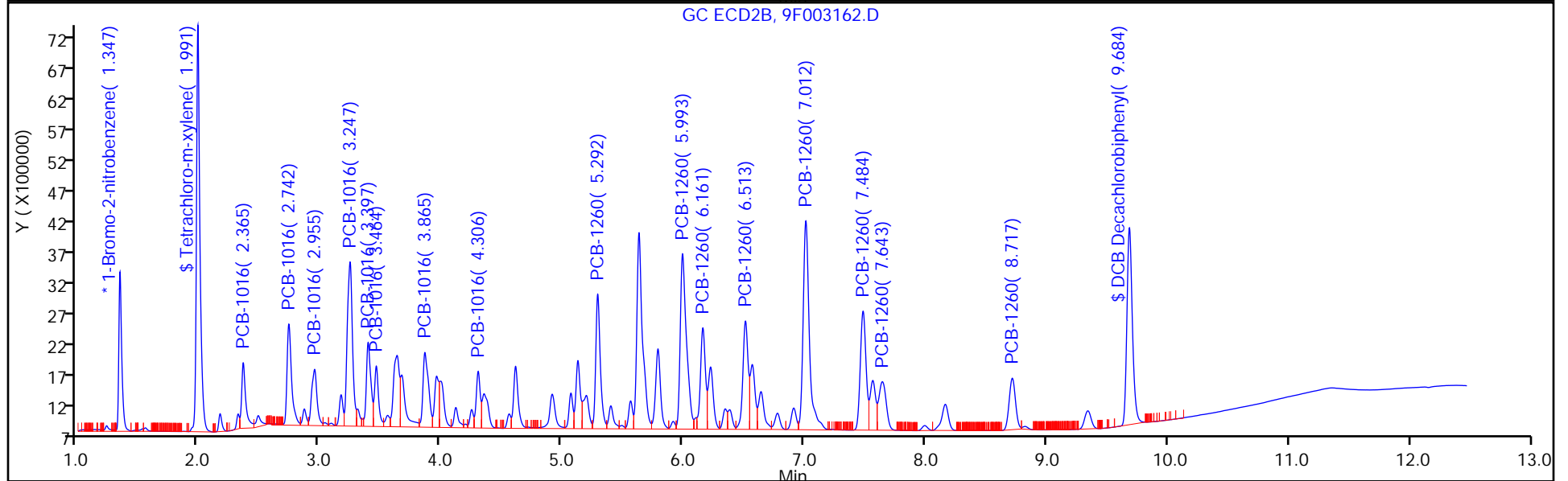
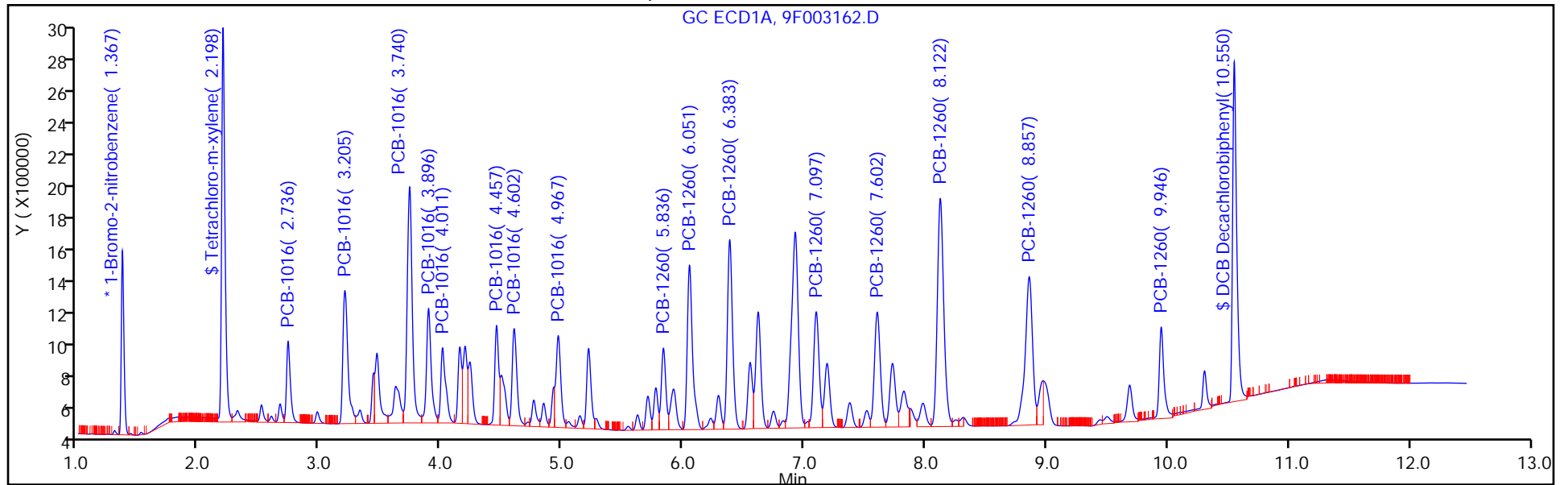
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003163.D  
 Lims ID: IC PCB 4  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 13-Feb-2019 12:15:22 ALS Bottle#: 6 Worklist Smp#: 5  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-005  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:18 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:29:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.367	1.368	-0.001	1683757	20.0	20.0	M
2	1.348	1.348	0.000	4513875	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.199	2.199	0.000	12816558	150.0	147.2	
2	1.991	1.991	0.000	32450894	150.0	135.9	M
RPD = 7.99							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

M

1	2.735	2.736	-0.001	2741870	1500.0	1393.9	
1	3.205	3.206	-0.001	5497605	1500.0	1384.9	
1	3.740	3.740	0.000	9695049	1500.0	1282.0	
1	3.895	3.896	-0.001	4444910	1500.0	1351.2	
1	4.011	4.012	-0.001	3257595	1500.0	1419.8	
1	4.457	4.458	-0.001	3231524	1500.0	1339.2	
1	4.603	4.603	0.000	3817681	1500.0	1377.6	
1	4.967	4.967	0.000	4408723	1500.0	1416.1	

Average of Peak Amounts = 1370.6

2	2.365	2.366	-0.001	7466545	1500.0	1425.5	M
2	2.741	2.743	-0.002	12205637	1500.0	1471.2	
2	2.955	2.955	0.000	7200340	1500.0	1352.4	
2	3.248	3.248	0.000	20914063	1500.0	1441.8	
2	3.397	3.398	-0.001	8476948	1500.0	1387.6	
2	3.465	3.464	0.001	5904886	1500.0	1390.4	
2	3.866	3.866	0.000	9134985	1500.0	1277.5	
2	4.306	4.306	0.000	5003322	1500.0	1320.5	

Average of Peak Amounts = 1383.4

RPD = 0.93

8 PCB-1260

M

1	5.835	5.835	0.000	3080927	1500.0	1410.3	M
1	6.050	6.050	0.000	7048880	1500.0	1345.5	M
1	6.382	6.383	-0.001	7932067	1500.0	1340.5	M
1	7.097	7.098	-0.001	5379083	1500.0	1366.8	M
1	7.602	7.601	0.001	5765247	1500.0	1400.5	M
1	8.123	8.121	0.002	12579733	1500.0	1401.8	M
1	8.856	8.855	0.001	9856460	1500.0	1438.6	
1	9.946	9.945	0.001	3510123	1500.0	1415.7	

Average of Peak Amounts = 1390.0

2	5.293	5.293	0.000	12812781	1500.0	1240.3	
2	5.994	5.993	0.001	22475680	1500.0	1278.3	
2	6.161	6.161	0.000	10207170	1500.0	1296.1	
2	6.513	6.513	0.000	11525592	1500.0	1300.6	
2	7.012	7.012	0.000	26792834	1500.0	1311.5	
2	7.484	7.484	0.000	14550532	1500.0	1326.3	
2	7.644	7.644	0.000	7736371	1500.0	1333.2	
2	8.716	8.716	0.000	7280816	1500.0	1364.8	M

Average of Peak Amounts = 1306.4

RPD = 6.20

\$ 11 DCB Decachlorobiphenyl

1	10.549	10.546	0.003	11850617	150.0	136.2	
2	9.684	9.683	0.001	23818184	150.0	132.3	

RPD = 2.94

S 12 Polychlorinated biphenyls, Total

1						2760.5	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003163.D

Injection Date: 13-Feb-2019 12:15:22

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

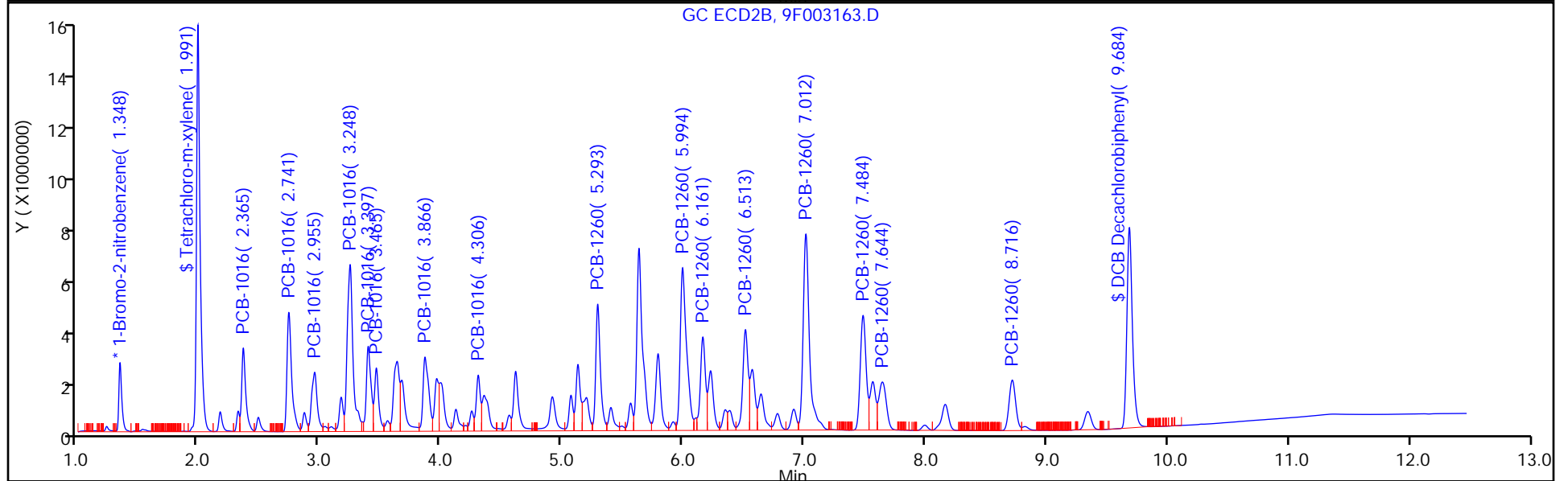
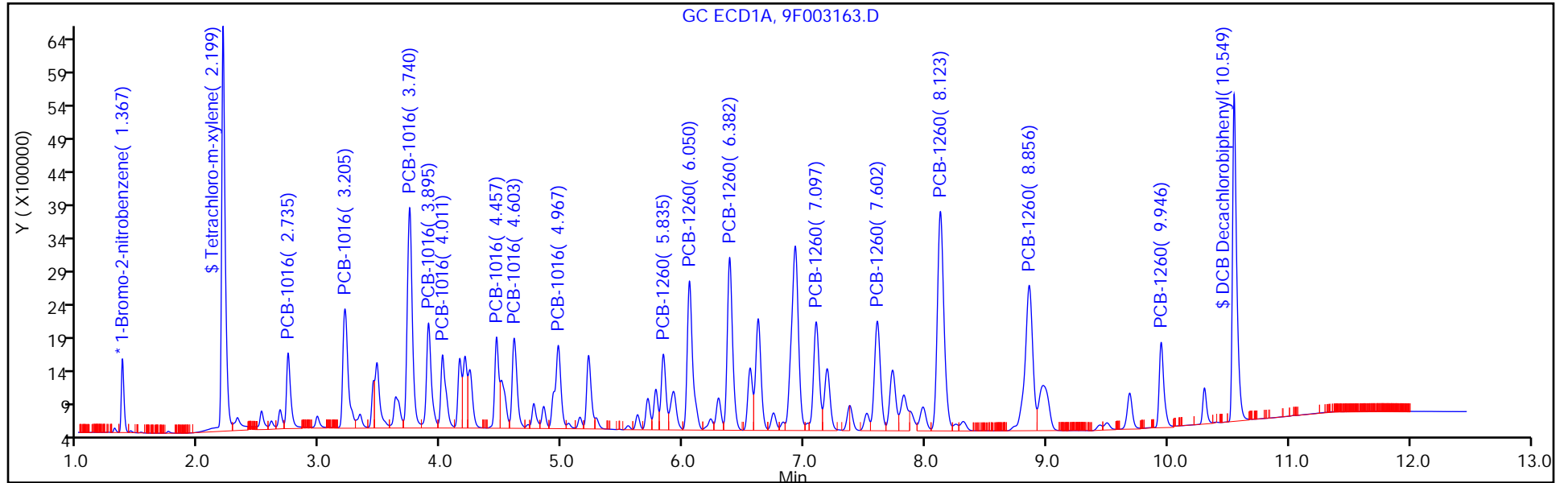
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003164.D  
 Lims ID: IC PCB 5  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 13-Feb-2019 12:32:14 ALS Bottle#: 7 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-006  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:27 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:35:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.367	1.368	-0.001	1520750	20.0	20.0	M
2	1.347	1.348	-0.001	4270337	20.0	20.0	
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	2.198	2.199	-0.001	19041576	200.0	242.2	
2	1.991	1.991	0.000	48359231	200.0	214.1	
							RPD = 12.31



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	2.736	2.736	0.000	4756917	2500.0	2677.6	
1	3.205	3.206	-0.001	9926524	2500.0	2768.6	M
1	3.740	3.740	0.000	17984976	2500.0	2633.1	M
1	3.896	3.896	0.000	8063254	2500.0	2713.9	M
1	4.011	4.012	-0.001	6152054	2500.0	2968.6	M
1	4.457	4.458	-0.001	5958452	2500.0	2733.9	M
1	4.603	4.603	0.000	7272572	2500.0	2905.6	M
1	4.967	4.967	0.000	8325431	2500.0	2960.7	M

Average of Peak Amounts = 2795.2

2	2.365	2.366	-0.001	10798204	2500.0	2179.1	
2	2.741	2.743	-0.002	18522257	2500.0	2360.0	
2	2.955	2.955	0.000	12423961	2500.0	2466.6	
2	3.248	3.248	0.000	37738133	2500.0	2750.1	
2	3.397	3.398	-0.001	14844784	2500.0	2568.5	
2	3.465	3.464	0.001	10305825	2500.0	2565.1	
2	3.866	3.866	0.000	15504075	2500.0	2291.8	
2	4.306	4.306	0.000	8796428	2500.0	2454.0	

Average of Peak Amounts = 2454.4

RPD = 12.99

8 PCB-1260

1	5.836	5.835	0.001	5874225	2500.0	2977.1	
1	6.051	6.050	0.001	13109164	2500.0	2770.6	
1	6.382	6.383	-0.001	14671948	2500.0	2745.4	
1	7.097	7.098	-0.001	9892733	2500.0	2783.2	
1	7.601	7.601	0.000	10704961	2500.0	2879.2	
1	8.122	8.121	0.001	23522470	2500.0	2902.1	
1	8.856	8.855	0.001	18427361	2500.0	2977.9	
1	9.946	9.945	0.001	6501004	2500.0	2903.1	

Average of Peak Amounts = 2867.3

2	5.292	5.293	-0.001	23923298	2500.0	2447.8	
2	5.993	5.993	0.000	43410592	2500.0	2609.8	
2	6.161	6.161	0.000	19384904	2500.0	2601.9	
2	6.513	6.513	0.000	21801971	2500.0	2600.5	
2	7.012	7.012	0.000	51386353	2500.0	2658.7	
2	7.484	7.484	0.000	27711212	2500.0	2669.9	
2	7.645	7.644	0.001	14940991	2500.0	2721.6	
2	8.716	8.716	0.000	13735888	2500.0	2721.6	

Average of Peak Amounts = 2629.0

RPD = 8.67

\$ 11 DCB Decachlorobiphenyl

1	10.550	10.546	0.004	18253116	200.0	232.3	
2	9.683	9.683	0.000	36865062	200.0	216.4	

RPD = 7.09

S 12 Polychlorinated biphenyls, Total

1						5662.6	
---	--	--	--	--	--	--------	--

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L5\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003164.D

Injection Date: 13-Feb-2019 12:32:14

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

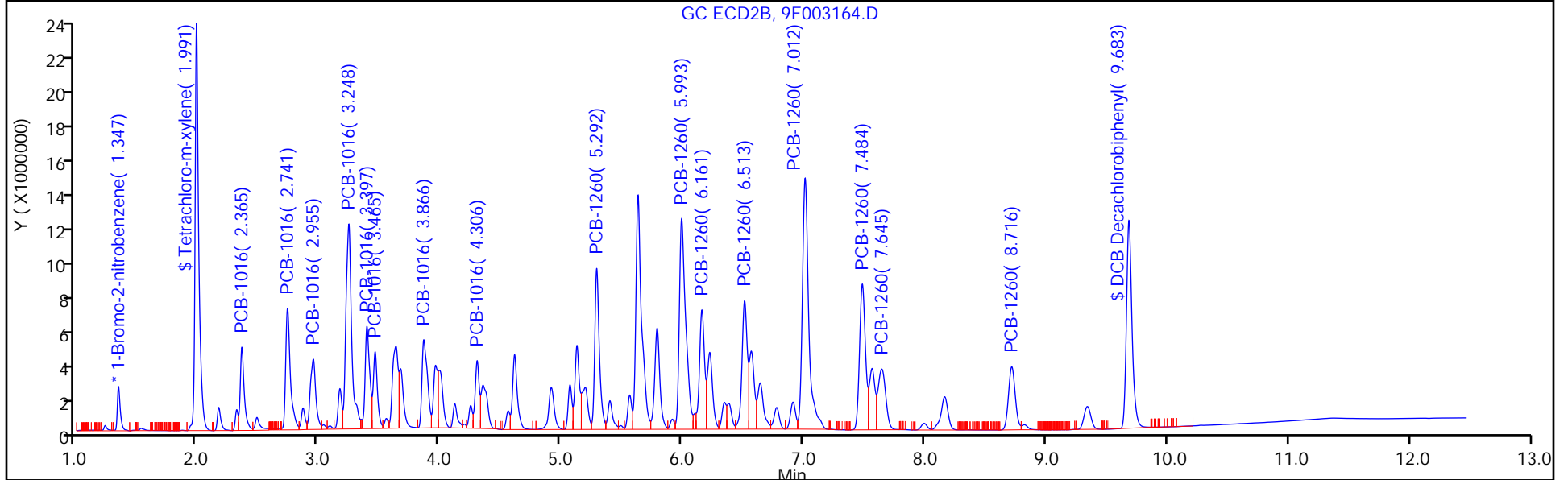
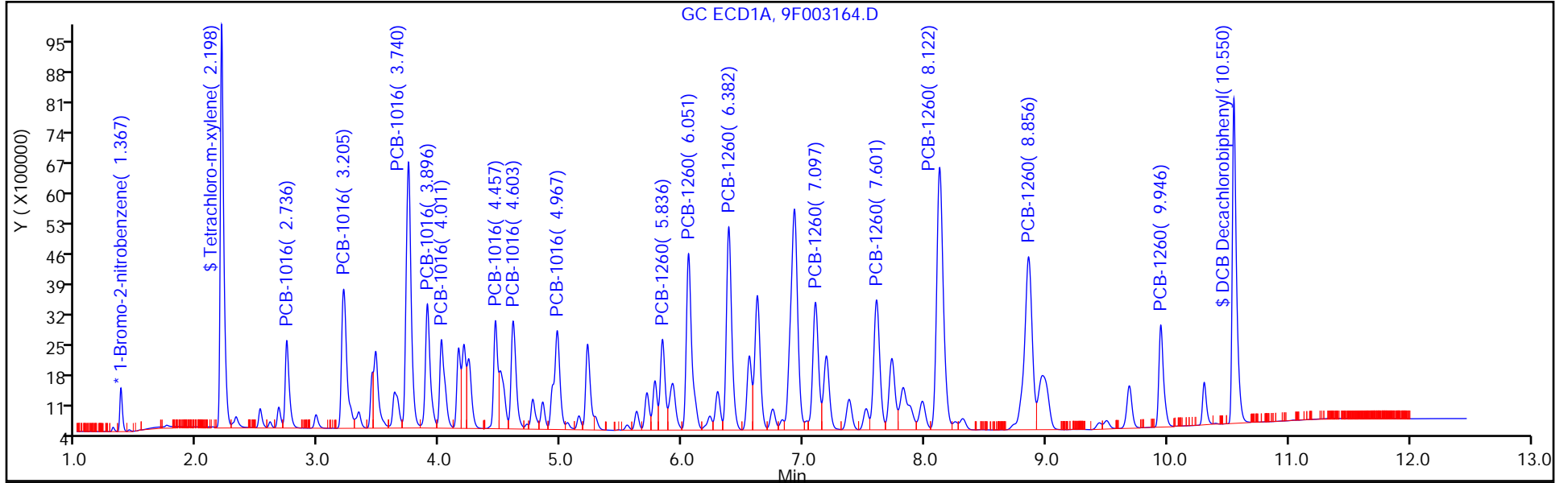
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 11:24 Calibration End Date: 02/13/2019 12:32 Calibration ID: 73498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/3	9F003161.D
Level 2	IC 460-589093/4	9F003162.D
Level 3	IC 460-589093/2	9F003160.D
Level 4	IC 460-589093/5	9F003163.D
Level 5	IC 460-589093/6	9F003164.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0282	0.0232	0.0223	0.0221	0.0202	Ave		0.0232				13.0	20.0				0.9900
PCB-1016 Peak 2	0.0380	0.0395	0.0356	0.0361	0.0347	Ave		0.0368				5.3	20.0				0.9900
PCB-1016 Peak 3	0.0242	0.0254	0.0238	0.0213	0.0233	Ave		0.0236				6.4	20.0				0.9900
PCB-1016 Peak 4	0.0533	0.0731	0.0625	0.0618	0.0707	Ave		0.0643				12.3	20.0				0.9900
PCB-1016 Peak 5	0.0229	0.0319	0.0277	0.0250	0.0278	Ave		0.0271				12.5	20.0				0.9900
PCB-1016 Peak 6	0.0173	0.0210	0.0191	0.0174	0.0193	Ave		0.0188				8.1	20.0				0.9900
PCB-1016 Peak 7	0.0372	0.0353	0.0300	0.0270	0.0290	Ave		0.0317				13.6	20.0				0.9900
PCB-1016 Peak 8	0.0156	0.0194	0.0176	0.0148	0.0165	Ave		0.0168				10.7	20.0				0.9900
PCB-1260 Peak 1	0.0505	0.0524	0.0434	0.0378	0.0448	Ave		0.0458				12.7	20.0				0.9900
PCB-1260 Peak 2	0.0707	0.0929	0.0782	0.0664	0.0813	Ave		0.0779				13.1	20.0				0.9900
PCB-1260 Peak 3	0.0328	0.0428	0.0325	0.0302	0.0363	Ave		0.0349				14.1	20.0				0.9900
PCB-1260 Peak 4	0.0370	0.0479	0.0365	0.0340	0.0408	Ave		0.0393				13.8	20.0				0.9900
PCB-1260 Peak 5	0.0824	0.1103	0.0845	0.0791	0.0963	Ave		0.0905				14.2	20.0				0.9900
PCB-1260 Peak 6	0.0431	0.0581	0.0469	0.0430	0.0519	Ave		0.0486				13.2	20.0				0.9900
PCB-1260 Peak 7	0.0225	0.0303	0.0249	0.0229	0.0280	Ave		0.0257				13.1	20.0				0.9900
PCB-1260 Peak 8	0.0216	0.0277	0.0216	0.0215	0.0257	Ave		0.0236				12.2	20.0				0.9900
Tetrachloro-m-xylene	0.9618	1.2233	1.0130	0.9586	1.1324	Ave		1.0578				11.0	20.0				0.9900
DCB Decachlorobiphenyl	0.7315	0.9126	0.7778	0.7036	0.8633	Ave		0.7977				11.1	20.0				0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 11:24 Calibration End Date: 02/13/2019 12:32 Calibration ID: 73498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/3	9F003161.D
Level 2	IC 460-589093/4	9F003162.D
Level 3	IC 460-589093/2	9F003160.D
Level 4	IC 460-589093/5	9F003163.D
Level 5	IC 460-589093/6	9F003164.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	359057	2598834	5120259	7466545	10798204	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	482817	4426215	8158307	12205637	18522257	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	307021	2847922	5469067	7200340	12423961	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	676960	8188442	14349367	20914063	37738133	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	291501	3575538	6344390	8476948	14844784	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	219327	2351111	4382303	5904886	10305825	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	472344	3951106	6877196	9134985	15504075	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	198904	2173979	4046230	5003322	8796428	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	641326	5870845	9948187	12812781	23923298	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	899234	10406201	17940228	22475680	43410592	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	416348	4792919	7451521	10207170	19384904	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	469872	5370428	8384865	11525592	21801971	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	1047191	12364638	19379745	26792834	51386353	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	548071	6510675	10770514	14550532	27711212	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	286022	3399151	5708854	7736371	14940991	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	275099	3100490	4964905	7280816	13735888	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	3056242	13709638	23242506	32450894	48359231	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	2324514	10226708	17845747	23818184	36865062	12.5	50.0	100	150	200

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003160.D  
 Lims ID: IC PCB 3  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 13-Feb-2019 11:24:44 ALS Bottle#: 3 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-002  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:30:48 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:28:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.368	1.368	0.000	1788361	20.0	20.0	
2	1.348	1.348	0.000	4588878	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.199	2.199	0.000	8391319	100.0	90.8	
2	1.991	1.991	0.000	23242506	100.0	95.8	
						RPD = 5.36	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.736	2.736	0.000	1882588	1000.0	901.1	
1	3.206	3.206	0.000	3971608	1000.0	942.0	
1	3.740	3.740	0.000	7171459	1000.0	892.8	
1	3.896	3.896	0.000	3300867	1000.0	944.7	
1	4.012	4.012	0.000	2370386	1000.0	972.7	
1	4.458	4.458	0.000	2424811	1000.0	946.1	
1	4.603	4.603	0.000	2845258	1000.0	966.6	
1	4.967	4.967	0.000	3475899	1000.0	1051.1	

Average of Peak Amounts = 952.1

2	2.366	2.366	0.000	5120259	1000.0	961.6	
2	2.743	2.743	0.000	8158307	1000.0	967.3	
2	2.955	2.955	0.000	5469067	1000.0	1010.5	
2	3.248	3.248	0.000	14349367	1000.0	973.1	
2	3.398	3.398	0.000	6344390	1000.0	1021.5	
2	3.464	3.464	0.000	4382303	1000.0	1015.0	
2	3.866	3.866	0.000	6877196	1000.0	946.0	
2	4.306	4.306	0.000	4046230	1000.0	1050.4	

Average of Peak Amounts = 993.2

RPD = 4.22

8 PCB-1260

1	5.835	5.835	0.000	2207188	1000.0	951.2	M
1	6.050	6.050	0.000	5401730	1000.0	970.8	
1	6.383	6.383	0.000	5939084	1000.0	945.0	
1	7.098	7.098	0.000	3819394	1000.0	913.7	
1	7.601	7.601	0.000	4001556	1000.0	915.2	
1	8.121	8.121	0.000	8793885	1000.0	922.6	
1	8.855	8.855	0.000	6900480	1000.0	948.3	
1	9.945	9.945	0.000	2295683	1000.0	871.8	M

Average of Peak Amounts = 929.8

2	5.293	5.293	0.000	9948187	1000.0	947.2	
2	5.993	5.993	0.000	17940228	1000.0	1003.7	
2	6.161	6.161	0.000	7451521	1000.0	930.7	
2	6.513	6.513	0.000	8384865	1000.0	930.7	
2	7.012	7.012	0.000	19379745	1000.0	933.1	
2	7.484	7.484	0.000	10770514	1000.0	965.7	
2	7.644	7.644	0.000	5708854	1000.0	967.7	
2	8.716	8.716	0.000	4964905	1000.0	915.4	

Average of Peak Amounts = 949.3

RPD = 2.07

\$ 11 DCB Decachlorobiphenyl

1	10.546	10.546	0.000	8826879	100.0	95.5	
2	9.683	9.683	0.000	17845747	100.0	97.5	

RPD = 2.02

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1260ResPCB_00001	Amount Added: 1.00	Units: mL	
SG1660L3_00034	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003160.D

Injection Date: 13-Feb-2019 11:24:44

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 2

Client ID:

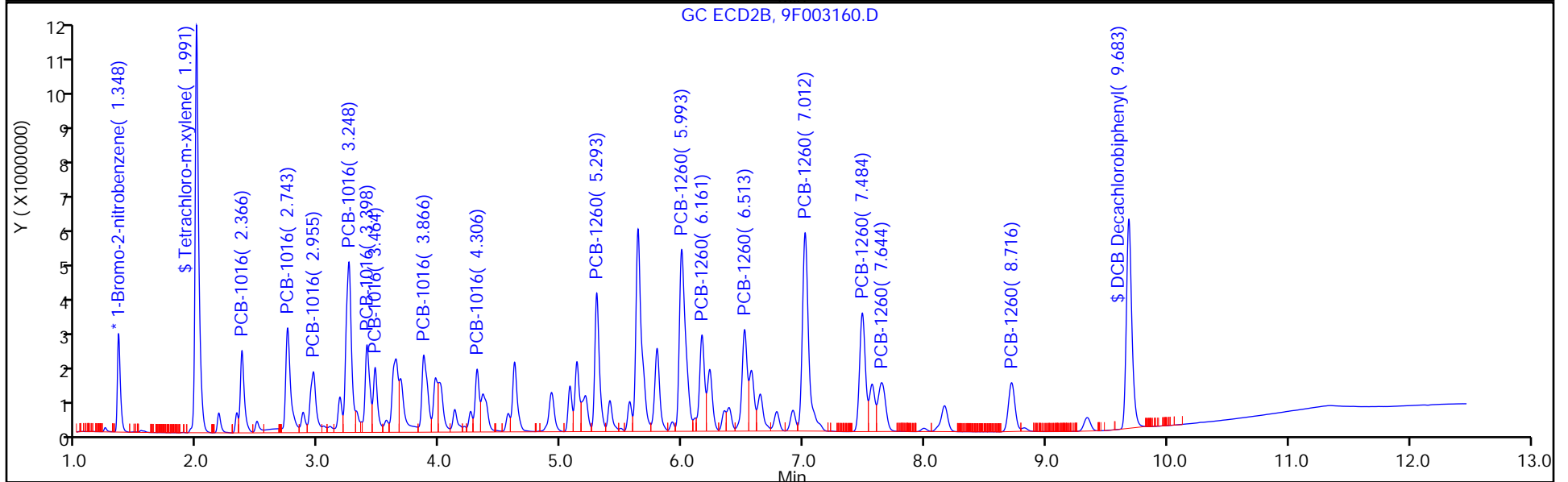
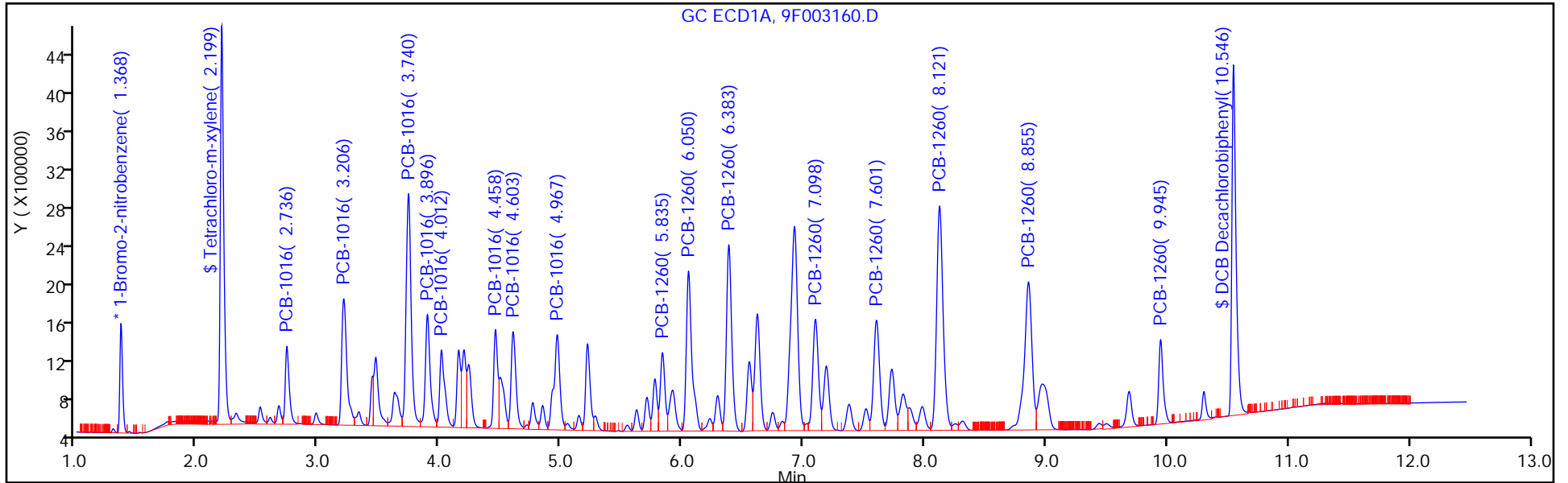
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003161.D  
 Lims ID: IC PCB 1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 13-Feb-2019 11:41:37 ALS Bottle#: 4 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-003  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:30:58 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:29:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.368	-0.001	2070681	20.0	20.0	
2	1.347	1.348	-0.001	5084093	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.197	2.199	-0.002	1124488	12.5	10.5	
2	1.991	1.991	0.000	3056242	12.5	11.4	
						RPD = 7.88	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.735	2.736	-0.001	120300	50.0	49.7	M
1	3.204	3.206	-0.002	204894	50.0	42.0	M
1	3.737	3.740	-0.003	506576	50.0	54.5	M
1	3.893	3.896	-0.003	183171	50.0	45.3	M
1	4.010	4.012	-0.002	107380	50.0	38.1	M
1	4.455	4.458	-0.003	136686	50.0	46.1	
1	4.601	4.603	-0.002	134826	50.0	39.6	
1	4.966	4.967	-0.001	156518	50.0	40.9	M

Average of Peak Amounts = 44.5

2	2.366	2.366	0.000	359057	50.0	60.9	
2	2.741	2.743	-0.002	482817	50.0	51.7	M
2	2.954	2.955	-0.001	307021	50.0	51.2	M
2	3.246	3.248	-0.002	676960	50.0	41.4	M
2	3.396	3.398	-0.002	291501	50.0	42.4	M
2	3.463	3.464	-0.001	219327	50.0	45.9	M
2	3.864	3.866	-0.002	472344	50.0	58.6	M
2	4.305	4.306	-0.001	198904	50.0	46.6	M

Average of Peak Amounts = 49.8

RPD = 11.30

8 PCB-1260

1	5.833	5.835	-0.002	99200	50.0	36.9	M
1	6.049	6.050	-0.001	278051	50.0	43.2	M
1	6.381	6.383	-0.002	330162	50.0	45.4	M
1	7.096	7.098	-0.002	222546	50.0	46.0	M
1	7.600	7.601	-0.001	216008	50.0	42.7	M
1	8.120	8.121	-0.001	463074	50.0	42.0	
1	8.853	8.855	-0.002	324210	50.0	38.5	
1	9.946	9.945	0.001	123724	50.0	40.6	M

Average of Peak Amounts = 41.9

2	5.291	5.293	-0.002	641326	50.0	55.1	M
2	5.991	5.993	-0.002	899234	50.0	45.4	M
2	6.160	6.161	-0.001	416348	50.0	46.9	M
2	6.511	6.513	-0.002	469872	50.0	47.1	M
2	7.010	7.012	-0.002	1047191	50.0	45.5	M
2	7.482	7.484	-0.002	548071	50.0	44.4	M
2	7.642	7.644	-0.002	286022	50.0	43.8	M
2	8.714	8.716	-0.002	275099	50.0	45.8	M

Average of Peak Amounts = 46.7

RPD = 10.95

\$ 11 DCB Decachlorobiphenyl

1	10.548	10.546	0.002	1136297	12.5	10.6	M
2	9.683	9.683	0.000	2324514	12.5	11.5	

RPD = 7.61

S 12 Polychlorinated biphenyls, Total

1						86.4	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L1\_00019

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003161.D

Injection Date: 13-Feb-2019 11:41:37

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 3

Client ID:

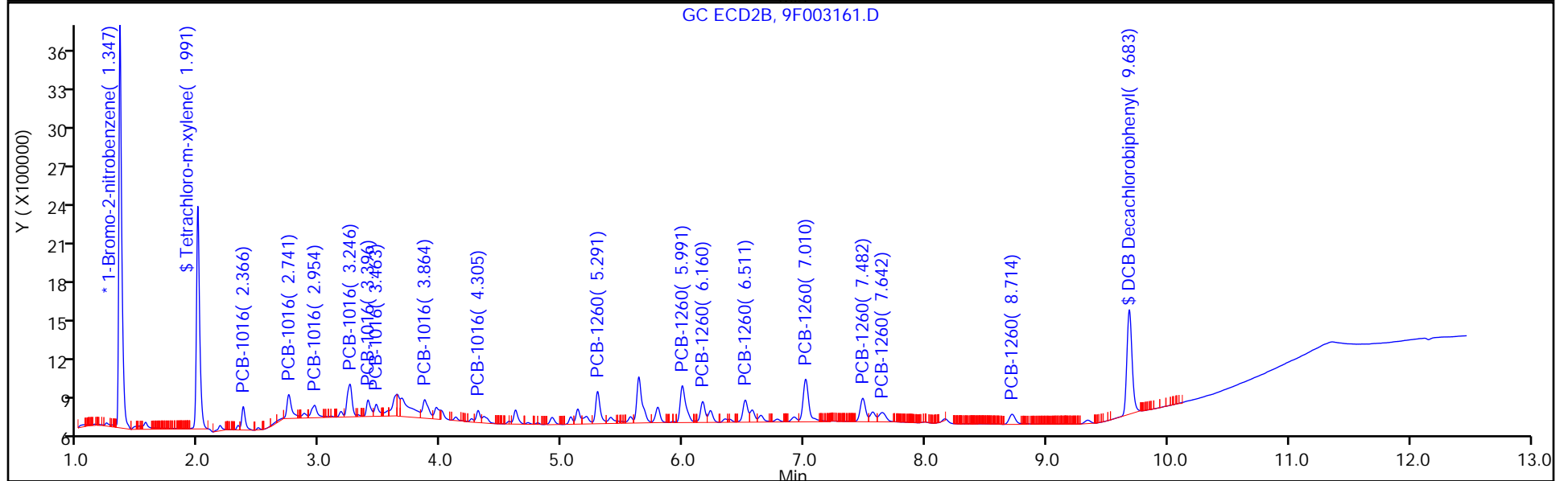
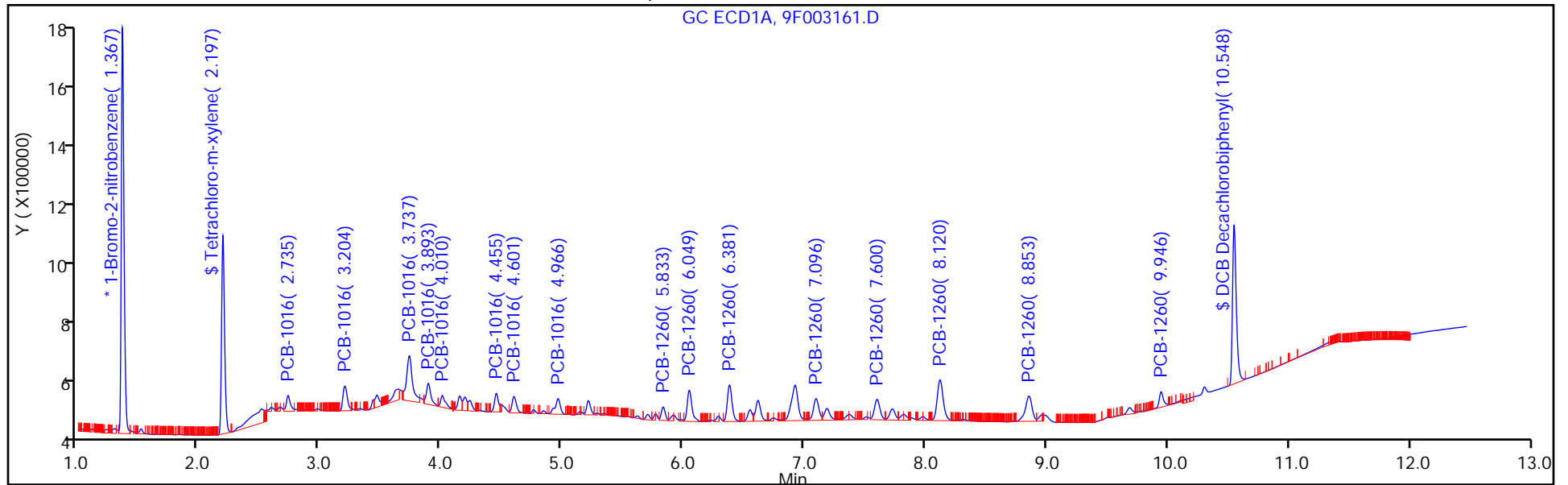
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003162.D  
 Lims ID: IC PCB 2  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 13-Feb-2019 11:58:31 ALS Bottle#: 5 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-004  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:07 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:29:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.368	-0.001	1724782	20.0	20.0	
2	1.347	1.348	-0.001	4482676	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.198	2.199	-0.001	4723846	50.0	53.0	
2	1.991	1.991	0.000	13709638	50.0	57.8	
						RPD = 8.75	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	2.736	2.736	0.000	1112237	500.0	552.0	
1	3.205	3.206	-0.001	2415338	500.0	594.0	M
1	3.740	3.740	0.000	4299172	500.0	555.0	M
1	3.896	3.896	0.000	1960078	500.0	581.7	M
1	4.011	4.012	-0.001	1330672	500.0	566.2	M
1	4.457	4.458	-0.001	1416898	500.0	573.2	M
1	4.602	4.603	-0.001	1648655	500.0	580.8	M
1	4.967	4.967	0.000	1599337	500.0	501.5	M

Average of Peak Amounts = 563.0

2	2.365	2.366	-0.001	2598834	500.0	499.6	
2	2.742	2.743	-0.001	4426215	500.0	537.2	M
2	2.955	2.955	0.000	2847922	500.0	538.6	M
2	3.247	3.248	-0.001	8188442	500.0	568.5	M
2	3.397	3.398	-0.001	3575538	500.0	589.4	M
2	3.464	3.464	0.000	2351111	500.0	557.5	M
2	3.865	3.866	-0.001	3951106	500.0	556.4	M
2	4.306	4.306	0.000	2173979	500.0	577.8	M

Average of Peak Amounts = 553.1

RPD = 1.78

8 PCB-1260

							M
1	5.836	5.835	0.001	1319528	500.0	589.6	
1	6.051	6.050	0.001	3114696	500.0	580.4	
1	6.383	6.383	0.000	3502512	500.0	577.9	
1	7.097	7.098	-0.001	2302073	500.0	571.0	
1	7.602	7.601	0.001	2416636	500.0	573.1	M
1	8.122	8.121	0.001	5252793	500.0	571.4	M
1	8.857	8.855	0.002	3972029	500.0	566.0	
1	9.946	9.945	0.001	1538677	500.0	605.8	

Average of Peak Amounts = 579.4

2	5.292	5.293	-0.001	5870845	500.0	572.2	M
2	5.993	5.993	0.000	10406201	500.0	596.0	M
2	6.161	6.161	0.000	4792919	500.0	612.8	M
2	6.513	6.513	0.000	5370428	500.0	610.2	M
2	7.012	7.012	0.000	12364638	500.0	609.4	M
2	7.484	7.484	0.000	6510675	500.0	597.6	
2	7.643	7.644	-0.001	3399151	500.0	589.8	
2	8.717	8.716	0.001	3100490	500.0	585.2	

Average of Peak Amounts = 596.7

RPD = 2.94

\$ 11 DCB Decachlorobiphenyl

1	10.550	10.546	0.004	5010757	50.0	56.2	
2	9.684	9.683	0.001	10226708	50.0	57.2	

RPD = 1.69

S 12 Polychlorinated biphenyls, Total

1						1142.4	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L2\_00028

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003162.D

Injection Date: 13-Feb-2019 11:58:31

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 4

Client ID:

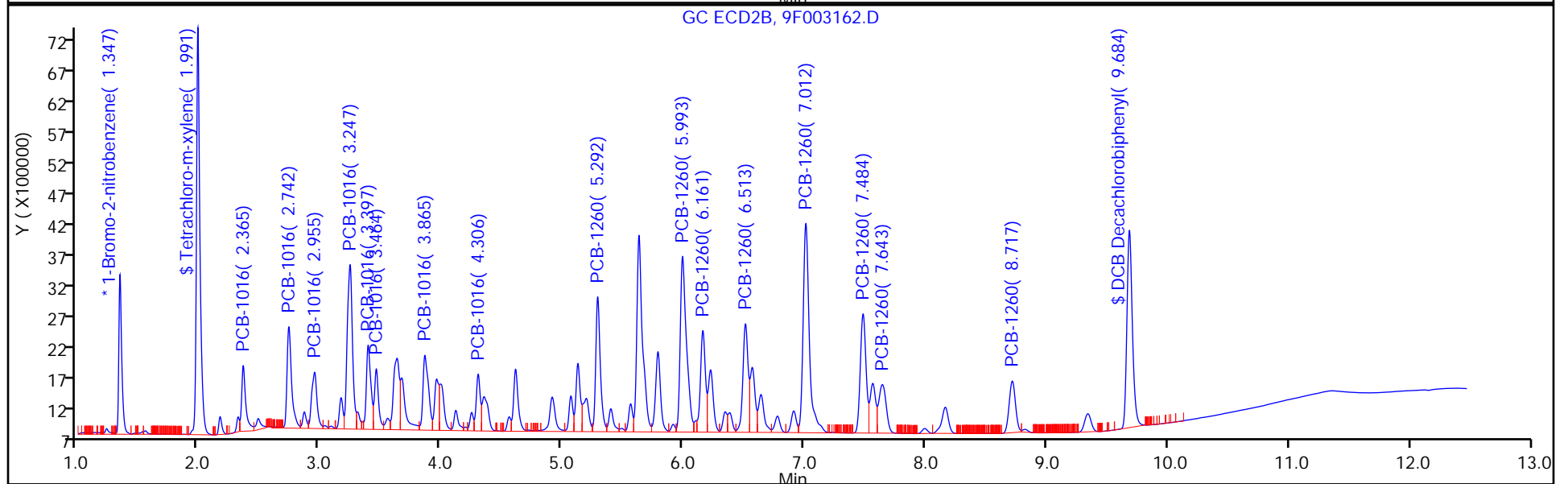
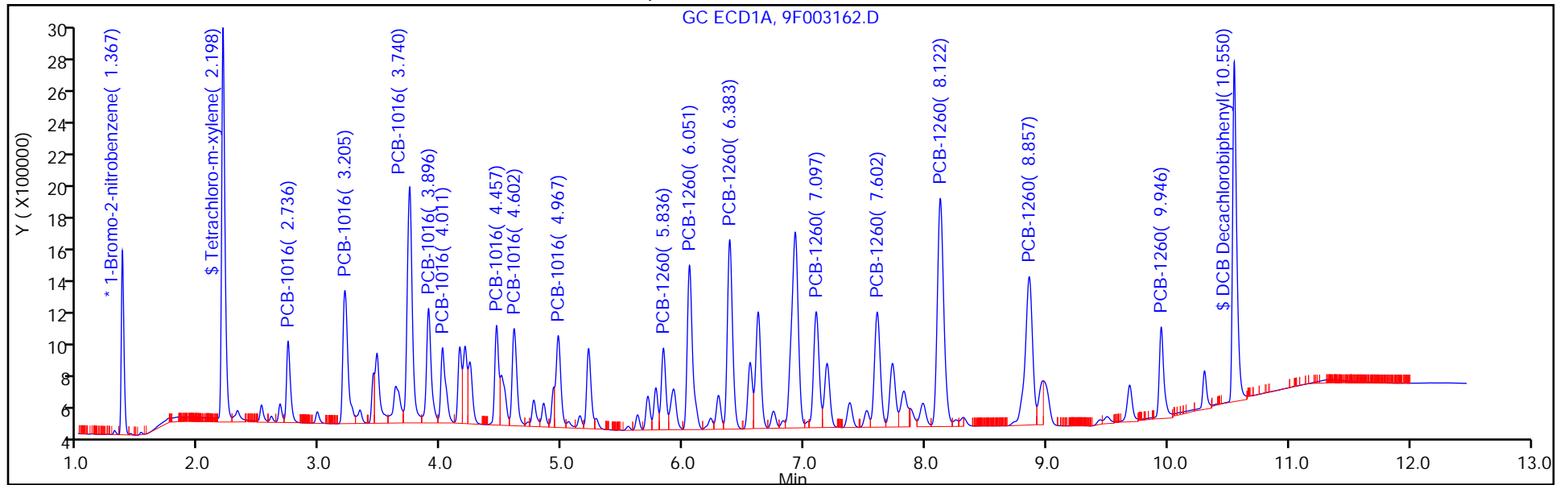
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003163.D  
 Lims ID: IC PCB 4  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 13-Feb-2019 12:15:22 ALS Bottle#: 6 Worklist Smp#: 5  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-005  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:18 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:29:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.367	1.368	-0.001	1683757	20.0	20.0	M
2	1.348	1.348	0.000	4513875	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.199	2.199	0.000	12816558	150.0	147.2	
2	1.991	1.991	0.000	32450894	150.0	135.9	M
RPD = 7.99							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.735	2.736	-0.001	2741870	1500.0	1393.9	
1	3.205	3.206	-0.001	5497605	1500.0	1384.9	
1	3.740	3.740	0.000	9695049	1500.0	1282.0	
1	3.895	3.896	-0.001	4444910	1500.0	1351.2	
1	4.011	4.012	-0.001	3257595	1500.0	1419.8	
1	4.457	4.458	-0.001	3231524	1500.0	1339.2	
1	4.603	4.603	0.000	3817681	1500.0	1377.6	
1	4.967	4.967	0.000	4408723	1500.0	1416.1	

Average of Peak Amounts = 1370.6

2	2.365	2.366	-0.001	7466545	1500.0	1425.5	M
2	2.741	2.743	-0.002	12205637	1500.0	1471.2	
2	2.955	2.955	0.000	7200340	1500.0	1352.4	
2	3.248	3.248	0.000	20914063	1500.0	1441.8	
2	3.397	3.398	-0.001	8476948	1500.0	1387.6	
2	3.465	3.464	0.001	5904886	1500.0	1390.4	
2	3.866	3.866	0.000	9134985	1500.0	1277.5	
2	4.306	4.306	0.000	5003322	1500.0	1320.5	

Average of Peak Amounts = 1383.4

RPD = 0.93

8 PCB-1260

							M
1	5.835	5.835	0.000	3080927	1500.0	1410.3	M
1	6.050	6.050	0.000	7048880	1500.0	1345.5	M
1	6.382	6.383	-0.001	7932067	1500.0	1340.5	M
1	7.097	7.098	-0.001	5379083	1500.0	1366.8	M
1	7.602	7.601	0.001	5765247	1500.0	1400.5	M
1	8.123	8.121	0.002	12579733	1500.0	1401.8	M
1	8.856	8.855	0.001	9856460	1500.0	1438.6	
1	9.946	9.945	0.001	3510123	1500.0	1415.7	

Average of Peak Amounts = 1390.0

2	5.293	5.293	0.000	12812781	1500.0	1240.3	
2	5.994	5.993	0.001	22475680	1500.0	1278.3	
2	6.161	6.161	0.000	10207170	1500.0	1296.1	
2	6.513	6.513	0.000	11525592	1500.0	1300.6	
2	7.012	7.012	0.000	26792834	1500.0	1311.5	
2	7.484	7.484	0.000	14550532	1500.0	1326.3	
2	7.644	7.644	0.000	7736371	1500.0	1333.2	
2	8.716	8.716	0.000	7280816	1500.0	1364.8	M

Average of Peak Amounts = 1306.4

RPD = 6.20

\$ 11 DCB Decachlorobiphenyl

1	10.549	10.546	0.003	11850617	150.0	136.2	
2	9.684	9.683	0.001	23818184	150.0	132.3	

RPD = 2.94

S 12 Polychlorinated biphenyls, Total

1						2760.5	
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### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003163.D

Injection Date: 13-Feb-2019 12:15:22

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

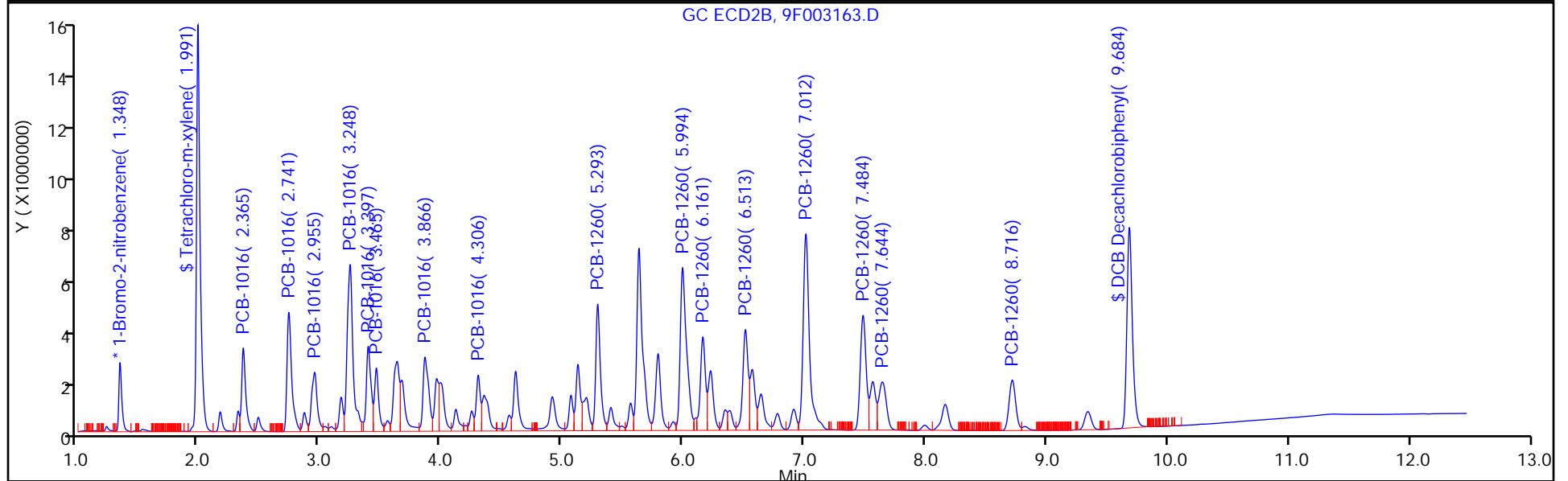
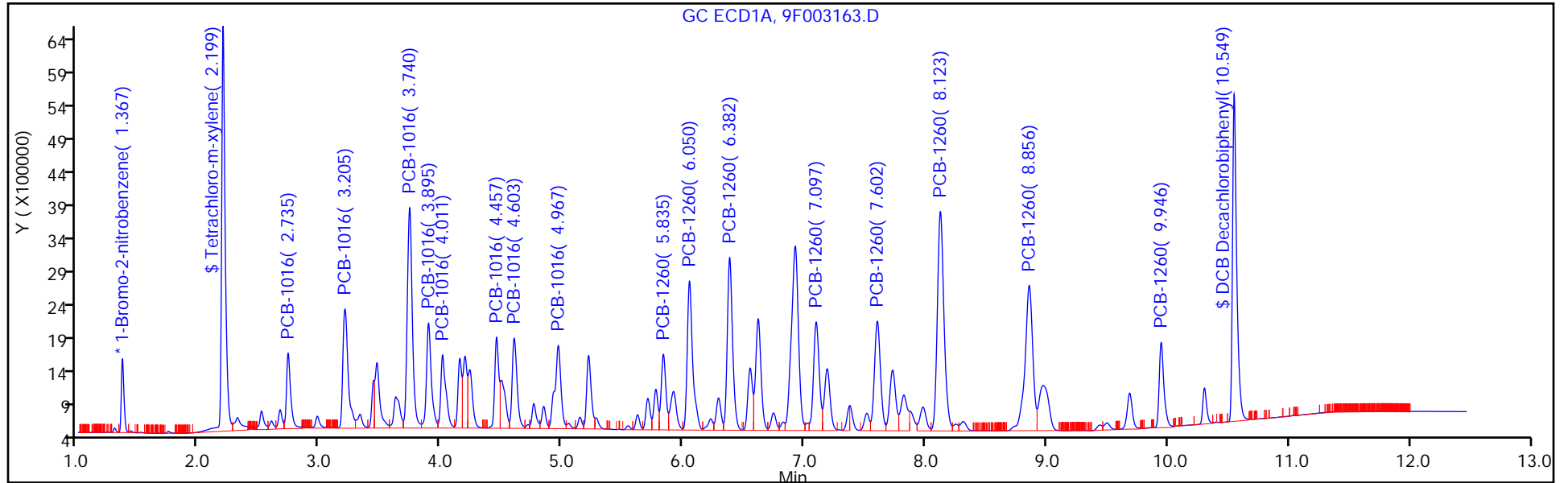
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003164.D  
 Lims ID: IC PCB 5  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 13-Feb-2019 12:32:14 ALS Bottle#: 7 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-006  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:27 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:35:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.367	1.368	-0.001	1520750	20.0	20.0	M
2	1.347	1.348	-0.001	4270337	20.0	20.0	
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	2.198	2.199	-0.001	19041576	200.0	242.2	
2	1.991	1.991	0.000	48359231	200.0	214.1	
							RPD = 12.31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.736	2.736	0.000	4756917	2500.0	2677.6	
1	3.205	3.206	-0.001	9926524	2500.0	2768.6	M
1	3.740	3.740	0.000	17984976	2500.0	2633.1	M
1	3.896	3.896	0.000	8063254	2500.0	2713.9	M
1	4.011	4.012	-0.001	6152054	2500.0	2968.6	M
1	4.457	4.458	-0.001	5958452	2500.0	2733.9	M
1	4.603	4.603	0.000	7272572	2500.0	2905.6	M
1	4.967	4.967	0.000	8325431	2500.0	2960.7	M

Average of Peak Amounts = 2795.2

2	2.365	2.366	-0.001	10798204	2500.0	2179.1	
2	2.741	2.743	-0.002	18522257	2500.0	2360.0	
2	2.955	2.955	0.000	12423961	2500.0	2466.6	
2	3.248	3.248	0.000	37738133	2500.0	2750.1	
2	3.397	3.398	-0.001	14844784	2500.0	2568.5	
2	3.465	3.464	0.001	10305825	2500.0	2565.1	
2	3.866	3.866	0.000	15504075	2500.0	2291.8	
2	4.306	4.306	0.000	8796428	2500.0	2454.0	

Average of Peak Amounts = 2454.4

RPD = 12.99

8 PCB-1260

1	5.836	5.835	0.001	5874225	2500.0	2977.1	
1	6.051	6.050	0.001	13109164	2500.0	2770.6	
1	6.382	6.383	-0.001	14671948	2500.0	2745.4	
1	7.097	7.098	-0.001	9892733	2500.0	2783.2	
1	7.601	7.601	0.000	10704961	2500.0	2879.2	
1	8.122	8.121	0.001	23522470	2500.0	2902.1	
1	8.856	8.855	0.001	18427361	2500.0	2977.9	
1	9.946	9.945	0.001	6501004	2500.0	2903.1	

Average of Peak Amounts = 2867.3

2	5.292	5.293	-0.001	23923298	2500.0	2447.8	
2	5.993	5.993	0.000	43410592	2500.0	2609.8	
2	6.161	6.161	0.000	19384904	2500.0	2601.9	
2	6.513	6.513	0.000	21801971	2500.0	2600.5	
2	7.012	7.012	0.000	51386353	2500.0	2658.7	
2	7.484	7.484	0.000	27711212	2500.0	2669.9	
2	7.645	7.644	0.001	14940991	2500.0	2721.6	
2	8.716	8.716	0.000	13735888	2500.0	2721.6	

Average of Peak Amounts = 2629.0

RPD = 8.67

\$ 11 DCB Decachlorobiphenyl

1	10.550	10.546	0.004	18253116	200.0	232.3	
2	9.683	9.683	0.000	36865062	200.0	216.4	

RPD = 7.09

S 12 Polychlorinated biphenyls, Total

1						5662.6	
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### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L5\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003164.D

Injection Date: 13-Feb-2019 12:32:14

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

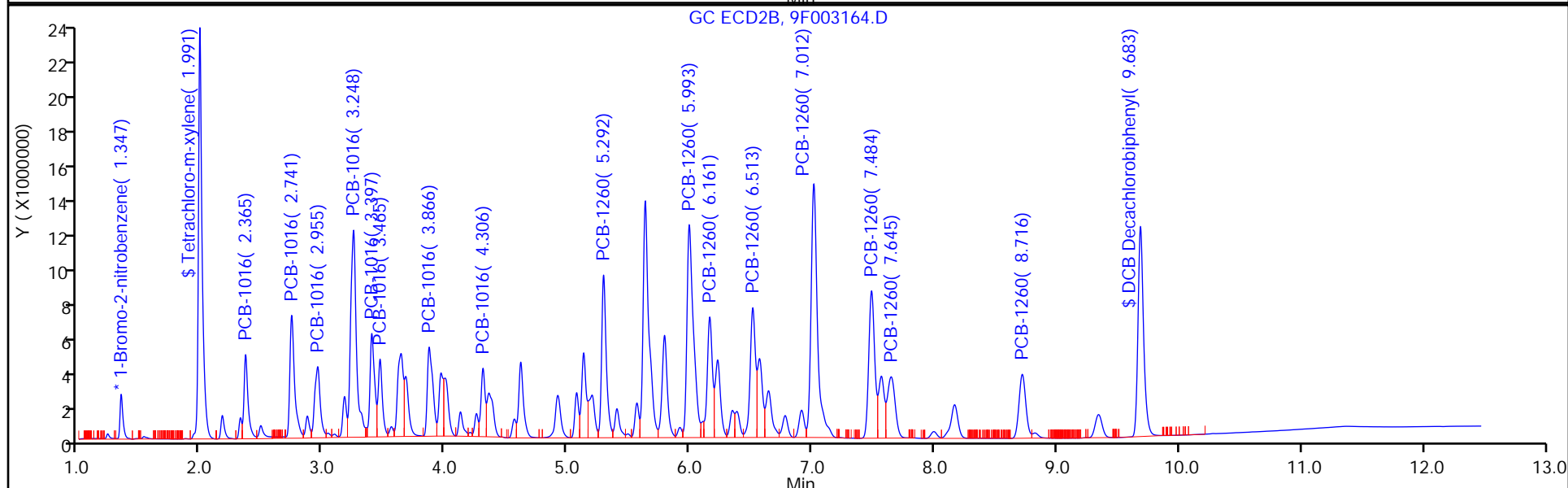
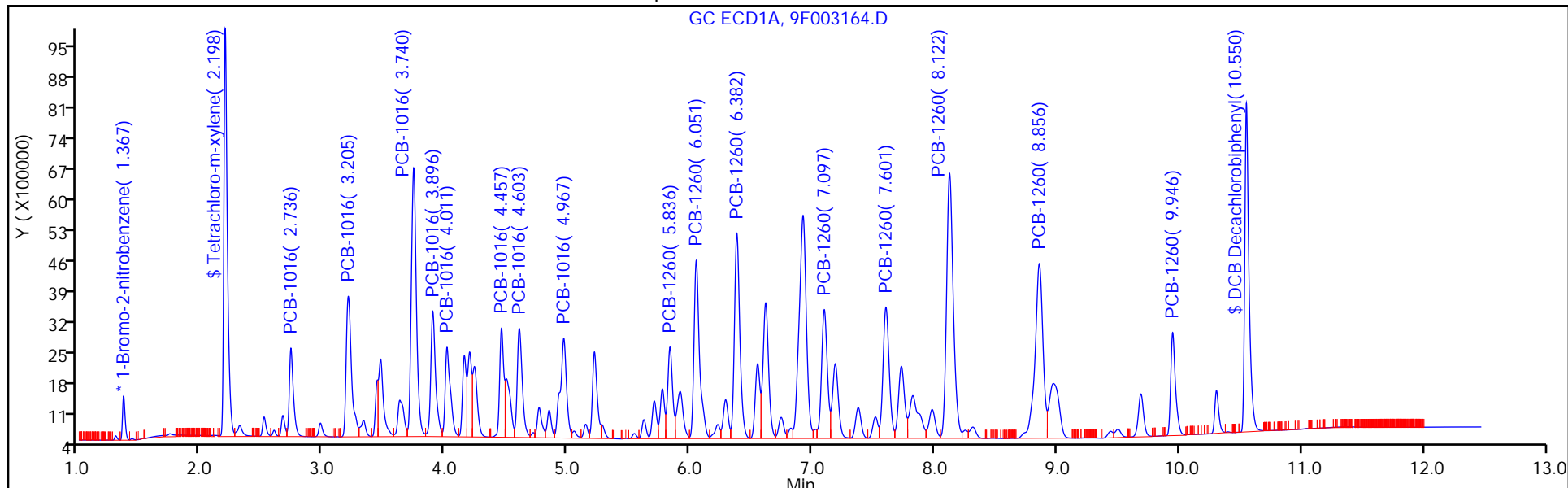
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:05 Calibration End Date: 02/13/2019 13:05 Calibration ID: 73545

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/8	9F003166.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	0.0233				Ave		0.0233						20.0			0.9900
PCB-1221 Peak 2	0.0196				Ave		0.0196						20.0			0.9900
PCB-1221 Peak 3	0.0131				Ave		0.0131						20.0			0.9900
PCB-1221 Peak 4	0.0476				Ave		0.0476						20.0			0.9900
PCB-1221 Peak 5	0.0089				Ave		0.0089						20.0			0.9900
PCB-1221 Peak 6	0.0132				Ave		0.0132						20.0			0.9900
PCB-1221 Peak 7	0.0066				Ave		0.0066						20.0			0.9900
PCB-1221 Peak 8	0.0032				Ave		0.0032						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:05 Calibration End Date: 02/13/2019 13:05 Calibration ID: 73545

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/8	9F003166.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1221 Peak 1	BNB	Ave	2018845						1000				
PCB-1221 Peak 2	BNB	Ave	1697854						1000				
PCB-1221 Peak 3	BNB	Ave	1132520						1000				
PCB-1221 Peak 4	BNB	Ave	4115615						1000				
PCB-1221 Peak 5	BNB	Ave	767776						1000				
PCB-1221 Peak 6	BNB	Ave	1145232						1000				
PCB-1221 Peak 7	BNB	Ave	573173						1000				
PCB-1221 Peak 8	BNB	Ave	278825						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003166.D  
 Lims ID: IC 1221  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 13:05:57 ALS Bottle#: 9 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-008  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:50 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:36:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1730175	20.0	20.0	
2	1.347	1.347	0.000	4700752	20.0	20.0	
						RPD = 0.00	

1 PCB-1221

1	1.746	1.746	0.000	2018845	1000.0	1000.0	
1	2.516	2.516	0.000	1697854	1000.0	1000.0	
1	2.670	2.670	0.000	1132520	1000.0	1000.0	
1	2.736	2.736	0.000	4115615	1000.0	1000.0	
1	3.265	3.265	0.000	767776	1000.0	1000.0	
1	3.739	3.739	0.000	1145232	1000.0	1000.0	
1	3.896	3.896	0.000	573173	1000.0	1000.0	
1	4.009	4.009	0.000	278825	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	1.534	1.534	0.000	3428718	1000.0	1000.0	
2	2.176	2.176	0.000	4650420	1000.0	1000.0	
2	2.324	2.324	0.000	2135445	1000.0	1000.0	
2	2.365	2.365	0.000	9639631	1000.0	1000.0	
2	2.743	2.743	0.000	1289583	1000.0	1000.0	
2	2.872	2.872	0.000	1690790	1000.0	1000.0	
2	3.248	3.248	0.000	1854474	1000.0	1000.0	
2	3.396	3.396	0.000	995839	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

**Reagents:**

SG1221L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003166.D

Injection Date: 13-Feb-2019 13:05:57

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

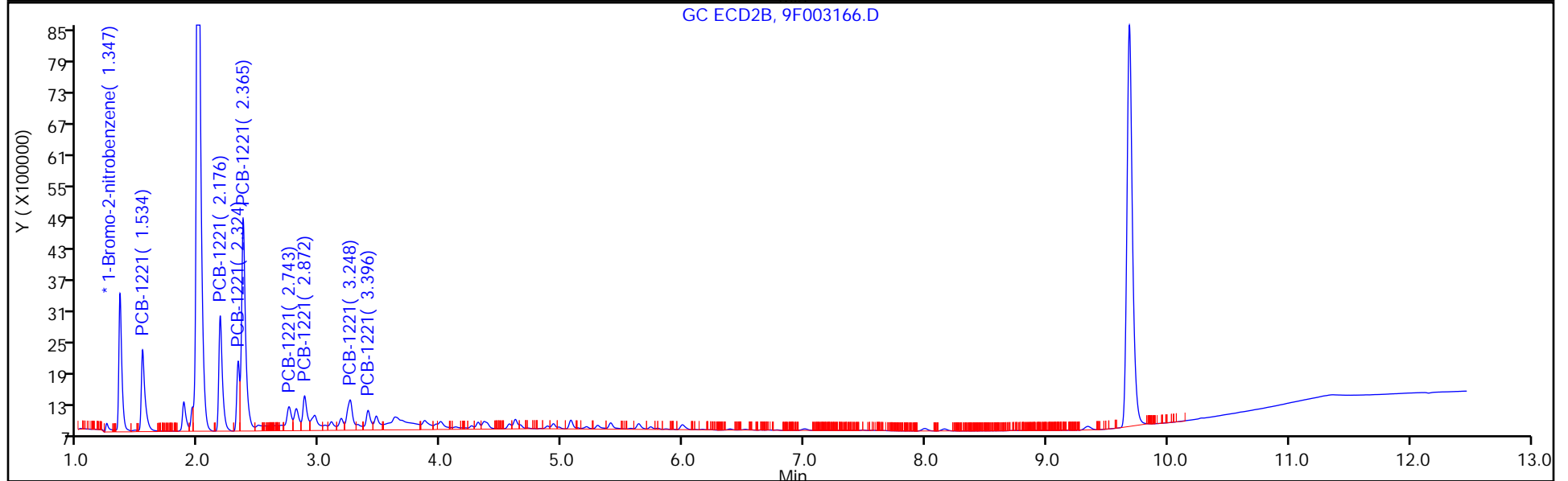
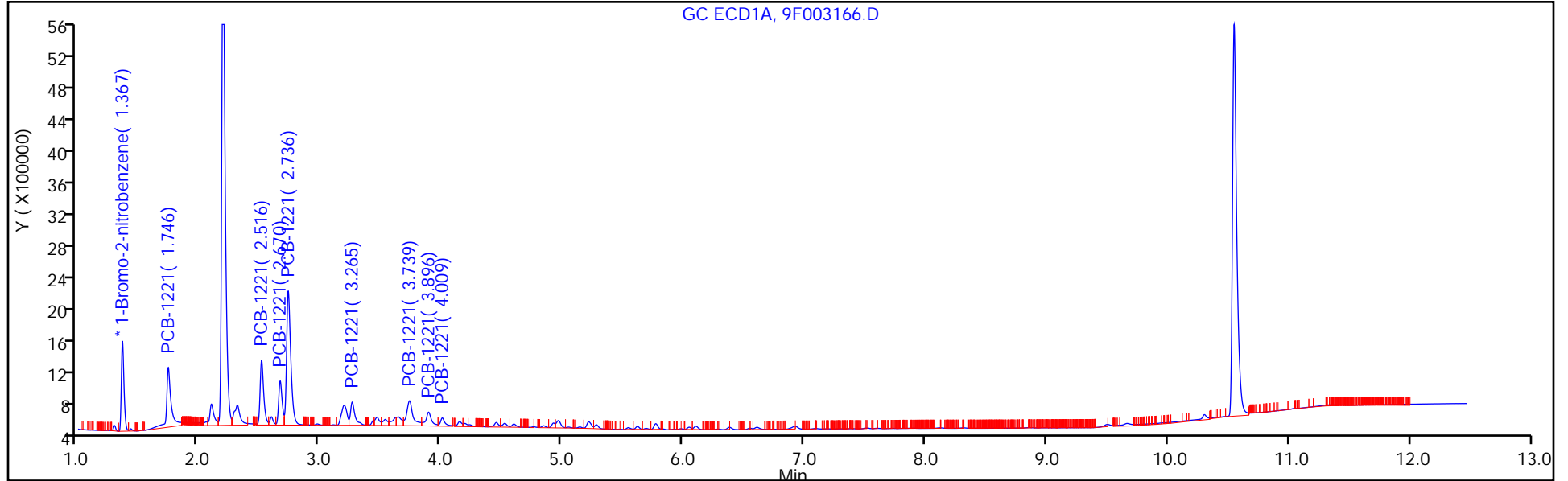
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:05 Calibration End Date: 02/13/2019 13:05 Calibration ID: 73546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/8	9F003166.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	0.0146				Ave		0.0146						20.0			0.9900
PCB-1221 Peak 2	0.0198				Ave		0.0198						20.0			0.9900
PCB-1221 Peak 3	0.0091				Ave		0.0091						20.0			0.9900
PCB-1221 Peak 4	0.0410				Ave		0.0410						20.0			0.9900
PCB-1221 Peak 5	0.0055				Ave		0.0055						20.0			0.9900
PCB-1221 Peak 6	0.0072				Ave		0.0072						20.0			0.9900
PCB-1221 Peak 7	0.0079				Ave		0.0079						20.0			0.9900
PCB-1221 Peak 8	0.0042				Ave		0.0042						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:05 Calibration End Date: 02/13/2019 13:05 Calibration ID: 73546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/8	9F003166.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1221 Peak 1	BNB	Ave	3428718						1000				
PCB-1221 Peak 2	BNB	Ave	4650420						1000				
PCB-1221 Peak 3	BNB	Ave	2135445						1000				
PCB-1221 Peak 4	BNB	Ave	9639631						1000				
PCB-1221 Peak 5	BNB	Ave	1289583						1000				
PCB-1221 Peak 6	BNB	Ave	1690790						1000				
PCB-1221 Peak 7	BNB	Ave	1854474						1000				
PCB-1221 Peak 8	BNB	Ave	995839						1000				

Curve Type Legend:

Ave = Average ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003166.D  
 Lims ID: IC 1221  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 13:05:57 ALS Bottle#: 9 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-008  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:50 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:36:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1730175	20.0	20.0	
2	1.347	1.347	0.000	4700752	20.0	20.0	
						RPD = 0.00	

1 PCB-1221

1	1.746	1.746	0.000	2018845	1000.0	1000.0	
1	2.516	2.516	0.000	1697854	1000.0	1000.0	
1	2.670	2.670	0.000	1132520	1000.0	1000.0	
1	2.736	2.736	0.000	4115615	1000.0	1000.0	
1	3.265	3.265	0.000	767776	1000.0	1000.0	
1	3.739	3.739	0.000	1145232	1000.0	1000.0	
1	3.896	3.896	0.000	573173	1000.0	1000.0	
1	4.009	4.009	0.000	278825	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	1.534	1.534	0.000	3428718	1000.0	1000.0	
2	2.176	2.176	0.000	4650420	1000.0	1000.0	
2	2.324	2.324	0.000	2135445	1000.0	1000.0	
2	2.365	2.365	0.000	9639631	1000.0	1000.0	
2	2.743	2.743	0.000	1289583	1000.0	1000.0	
2	2.872	2.872	0.000	1690790	1000.0	1000.0	
2	3.248	3.248	0.000	1854474	1000.0	1000.0	
2	3.396	3.396	0.000	995839	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

Reagents:

SG1221L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003166.D

Injection Date: 13-Feb-2019 13:05:57

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

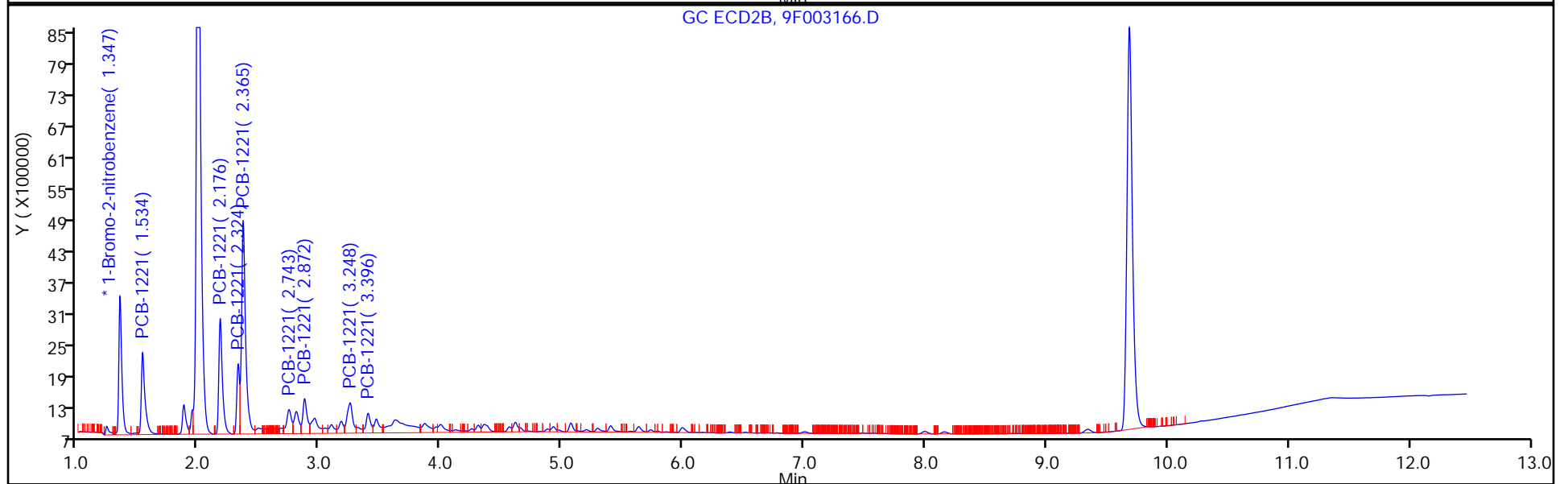
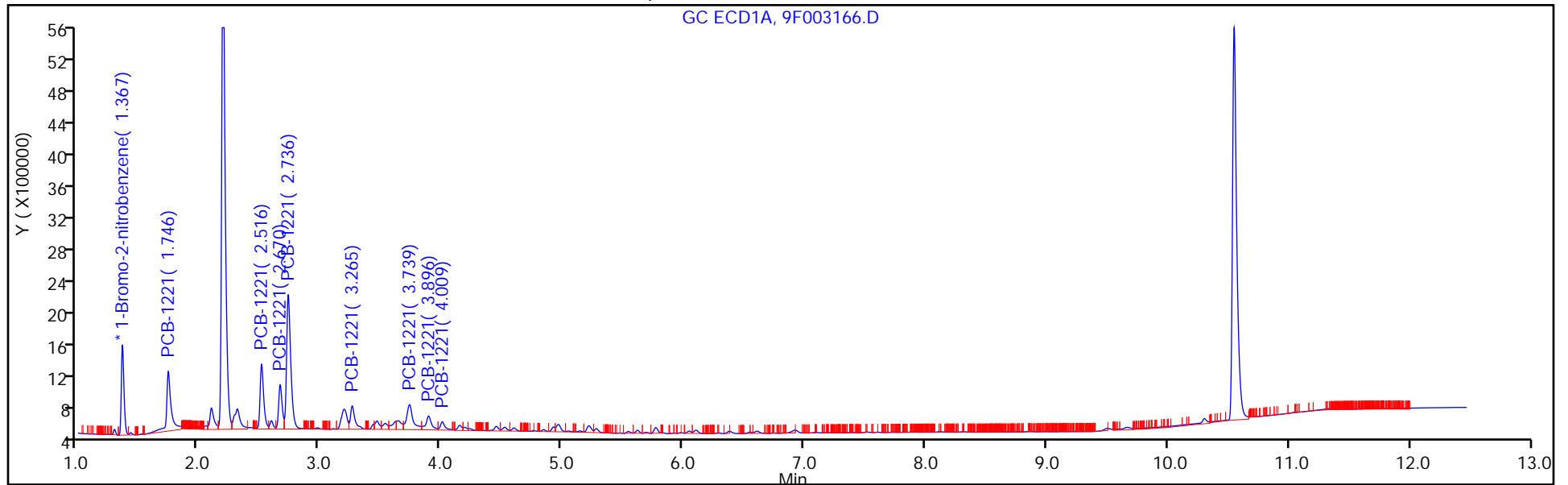
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:22 Calibration End Date: 02/13/2019 13:22 Calibration ID: 73551

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/9	9F003167.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	0.0405				Ave		0.0405						20.0			0.9900
PCB-1232 Peak 2	0.0322				Ave		0.0322						20.0			0.9900
PCB-1232 Peak 3	0.0579				Ave		0.0579						20.0			0.9900
PCB-1232 Peak 4	0.0269				Ave		0.0269						20.0			0.9900
PCB-1232 Peak 5	0.0184				Ave		0.0184						20.0			0.9900
PCB-1232 Peak 6	0.0196				Ave		0.0196						20.0			0.9900
PCB-1232 Peak 7	0.0158				Ave		0.0158						20.0			0.9900
PCB-1232 Peak 8	0.0204				Ave		0.0204						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:22 Calibration End Date: 02/13/2019 13:22 Calibration ID: 73551

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/9	9F003167.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1232 Peak 1	BNB	Ave	3495655						1000				
PCB-1232 Peak 2	BNB	Ave	2784039						1000				
PCB-1232 Peak 3	BNB	Ave	4997091						1000				
PCB-1232 Peak 4	BNB	Ave	2320522						1000				
PCB-1232 Peak 5	BNB	Ave	1585220						1000				
PCB-1232 Peak 6	BNB	Ave	1694500						1000				
PCB-1232 Peak 7	BNB	Ave	1366233						1000				
PCB-1232 Peak 8	BNB	Ave	1758978						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003167.D  
 Lims ID: IC 1232  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 13:22:53 ALS Bottle#: 10 Worklist Smp#: 9  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-009  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub3  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:57 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:36:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.368	1.368	0.000	1727302	20.0	20.0	
2	1.347	1.347	0.000	4514557	20.0	20.0	
						RPD = 0.00	

3 PCB-1232

1	2.736	2.736	0.000	3495655	1000.0	1000.0	
1	3.205	3.205	0.000	2784039	1000.0	1000.0	
1	3.740	3.740	0.000	4997091	1000.0	1000.0	
1	3.895	3.895	0.000	2320522	1000.0	1000.0	
1	4.011	4.011	0.000	1585220	1000.0	1000.0	
1	4.602	4.602	0.000	1694500	1000.0	1000.0	
1	4.929	4.929	0.000	1366233	1000.0	1000.0	
1	4.975	4.975	0.000	1758978	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	2.365	2.365	0.000	8995064	1000.0	1000.0	
2	2.742	2.742	0.000	6228565	1000.0	1000.0	
2	2.955	2.955	0.000	3957436	1000.0	1000.0	
2	3.248	3.248	0.000	9968676	1000.0	1000.0	
2	3.397	3.397	0.000	4411865	1000.0	1000.0	
2	3.866	3.866	0.000	4475210	1000.0	1000.0	
2	4.380	4.380	0.000	6397577	1000.0	1000.0	
2	4.610	4.610	0.000	3248445	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

**Reagents:**

SG1232L4\_00028

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003167.D

Injection Date: 13-Feb-2019 13:22:53

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

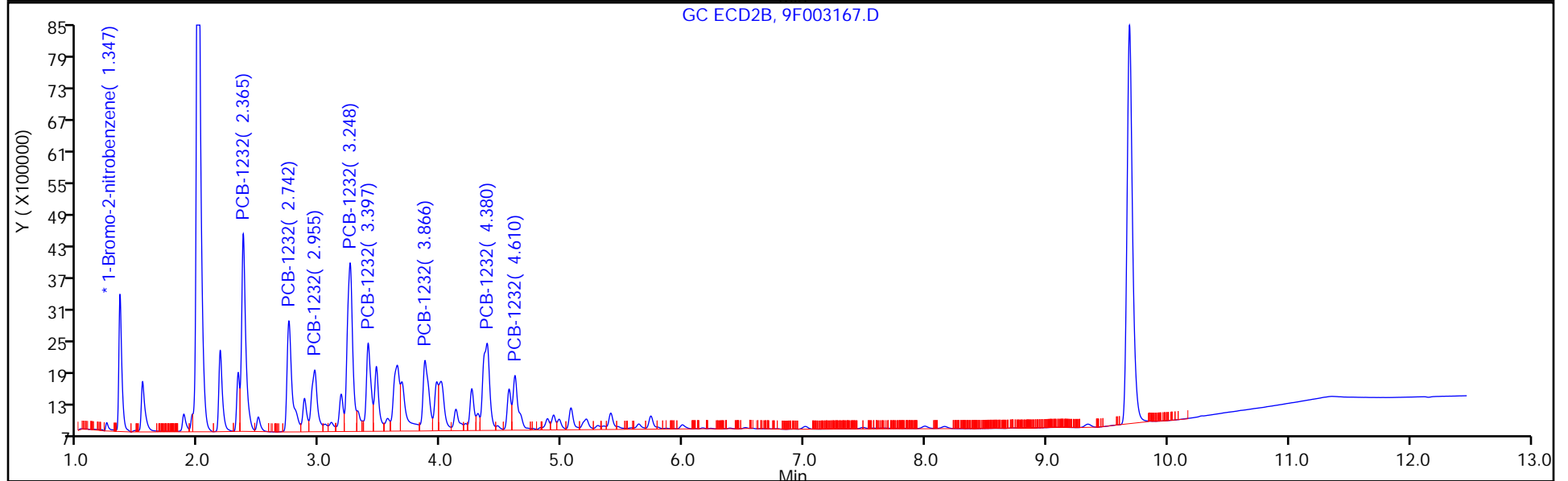
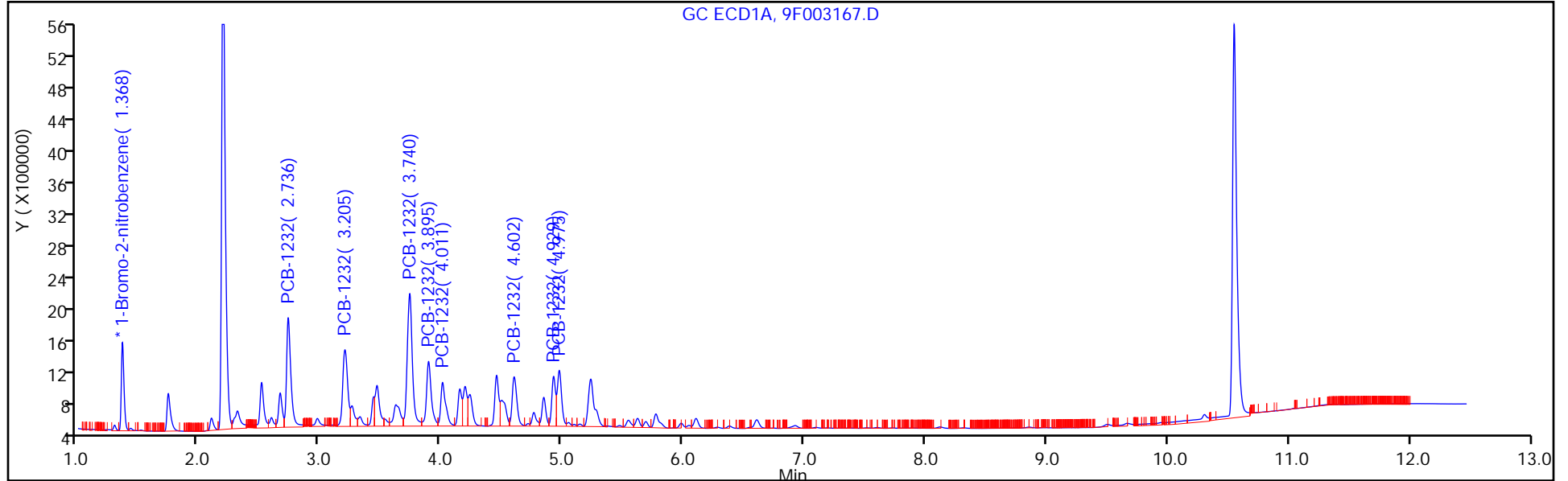
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD





FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:22 Calibration End Date: 02/13/2019 13:22 Calibration ID: 73552

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/9	9F003167.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	0.0398				Ave		0.0398						20.0			0.9900
PCB-1232 Peak 2	0.0276				Ave		0.0276						20.0			0.9900
PCB-1232 Peak 3	0.0175				Ave		0.0175						20.0			0.9900
PCB-1232 Peak 4	0.0442				Ave		0.0442						20.0			0.9900
PCB-1232 Peak 5	0.0195				Ave		0.0195						20.0			0.9900
PCB-1232 Peak 6	0.0198				Ave		0.0198						20.0			0.9900
PCB-1232 Peak 7	0.0283				Ave		0.0283						20.0			0.9900
PCB-1232 Peak 8	0.0144				Ave		0.0144						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:22 Calibration End Date: 02/13/2019 13:22 Calibration ID: 73552

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/9	9F003167.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1232 Peak 1	BNB	Ave	8995064						1000				
PCB-1232 Peak 2	BNB	Ave	6228565						1000				
PCB-1232 Peak 3	BNB	Ave	3957436						1000				
PCB-1232 Peak 4	BNB	Ave	9968676						1000				
PCB-1232 Peak 5	BNB	Ave	4411865						1000				
PCB-1232 Peak 6	BNB	Ave	4475210						1000				
PCB-1232 Peak 7	BNB	Ave	6397577						1000				
PCB-1232 Peak 8	BNB	Ave	3248445						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003167.D  
 Lims ID: IC 1232  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 13:22:53 ALS Bottle#: 10 Worklist Smp#: 9  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-009  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub3  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:31:57 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:36:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.368	1.368	0.000	1727302	20.0	20.0	
2	1.347	1.347	0.000	4514557	20.0	20.0	
						RPD = 0.00	

3 PCB-1232

1	2.736	2.736	0.000	3495655	1000.0	1000.0	
1	3.205	3.205	0.000	2784039	1000.0	1000.0	
1	3.740	3.740	0.000	4997091	1000.0	1000.0	
1	3.895	3.895	0.000	2320522	1000.0	1000.0	
1	4.011	4.011	0.000	1585220	1000.0	1000.0	
1	4.602	4.602	0.000	1694500	1000.0	1000.0	
1	4.929	4.929	0.000	1366233	1000.0	1000.0	
1	4.975	4.975	0.000	1758978	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	2.365	2.365	0.000	8995064	1000.0	1000.0	
2	2.742	2.742	0.000	6228565	1000.0	1000.0	
2	2.955	2.955	0.000	3957436	1000.0	1000.0	
2	3.248	3.248	0.000	9968676	1000.0	1000.0	
2	3.397	3.397	0.000	4411865	1000.0	1000.0	
2	3.866	3.866	0.000	4475210	1000.0	1000.0	
2	4.380	4.380	0.000	6397577	1000.0	1000.0	
2	4.610	4.610	0.000	3248445	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

**Reagents:**

SG1232L4\_00028

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003167.D

Injection Date: 13-Feb-2019 13:22:53

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

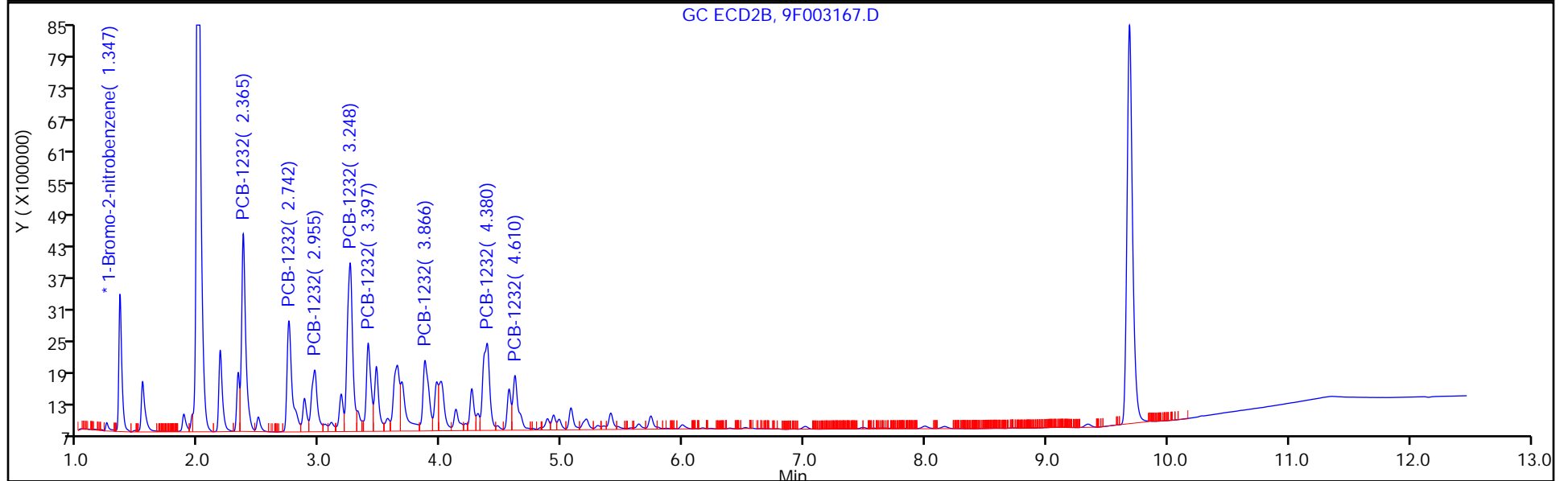
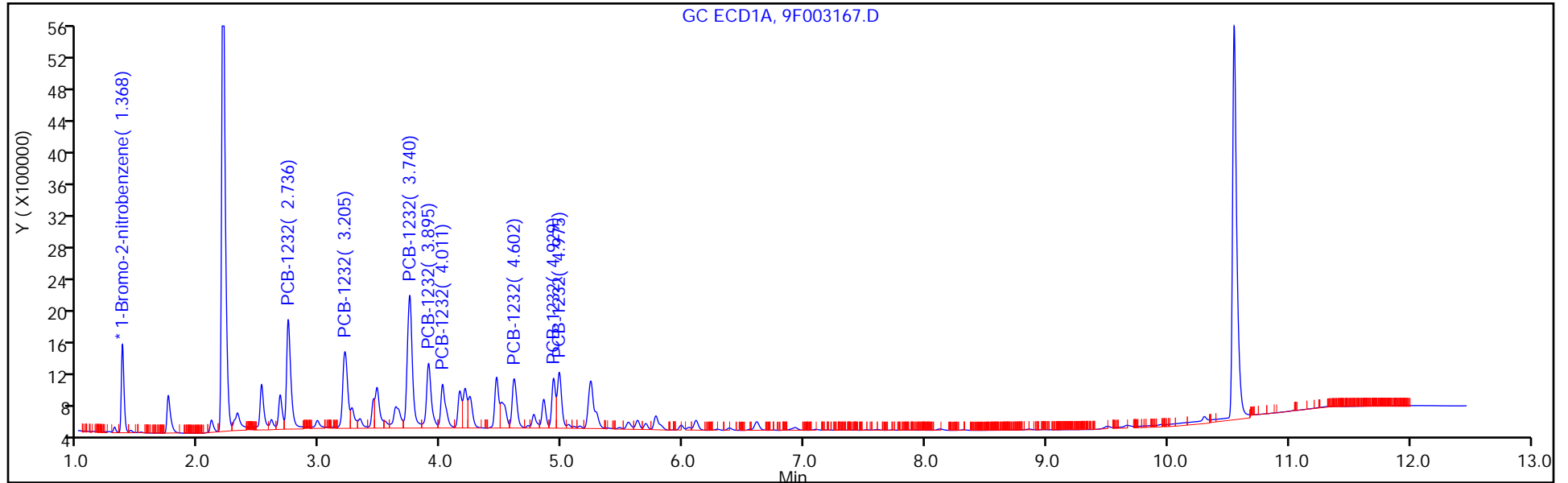
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:39 Calibration End Date: 02/13/2019 13:39 Calibration ID: 73557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/10	9F003168.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	0.0195				Ave		0.0195						20.0			0.9900
PCB-1242 Peak 2	0.0409				Ave		0.0409						20.0			0.9900
PCB-1242 Peak 3	0.0725				Ave		0.0725						20.0			0.9900
PCB-1242 Peak 4	0.0336				Ave		0.0336						20.0			0.9900
PCB-1242 Peak 5	0.0237				Ave		0.0237						20.0			0.9900
PCB-1242 Peak 6	0.0287				Ave		0.0287						20.0			0.9900
PCB-1242 Peak 7	0.0231				Ave		0.0231						20.0			0.9900
PCB-1242 Peak 8	0.0301				Ave		0.0301						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:39 Calibration End Date: 02/13/2019 13:39 Calibration ID: 73557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/10	9F003168.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1242 Peak 1	BNB	Ave	1663622						1000				
PCB-1242 Peak 2	BNB	Ave	3490976						1000				
PCB-1242 Peak 3	BNB	Ave	6185158						1000				
PCB-1242 Peak 4	BNB	Ave	2862634						1000				
PCB-1242 Peak 5	BNB	Ave	2020531						1000				
PCB-1242 Peak 6	BNB	Ave	2451322						1000				
PCB-1242 Peak 7	BNB	Ave	1967207						1000				
PCB-1242 Peak 8	BNB	Ave	2566986						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003168.D  
 Lims ID: IC 1242  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 13:39:44 ALS Bottle#: 11 Worklist Smp#: 10  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-010  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:04 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:36:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.368	1.368	0.000	1705984	20.0	20.0
2	1.348	1.348	0.000	4656473	20.0	20.0

RPD = 0.00

4 PCB-1242

1	2.736	2.736	0.000	1663622	1000.0	1000.0
1	3.205	3.205	0.000	3490976	1000.0	1000.0
1	3.740	3.740	0.000	6185158	1000.0	1000.0
1	3.895	3.895	0.000	2862634	1000.0	1000.0
1	4.011	4.011	0.000	2020531	1000.0	1000.0
1	4.603	4.603	0.000	2451322	1000.0	1000.0
1	4.928	4.928	0.000	1967207	1000.0	1000.0
1	4.975	4.975	0.000	2566986	1000.0	1000.0
Average of Peak Amounts =						1000.0
2	2.365	2.365	0.000	4524788	1000.0	1000.0
2	2.742	2.742	0.000	7171512	1000.0	1000.0
2	2.955	2.955	0.000	4695538	1000.0	1000.0
2	3.248	3.248	0.000	12274405	1000.0	1000.0
2	3.397	3.397	0.000	5387028	1000.0	1000.0
2	3.866	3.866	0.000	5855105	1000.0	1000.0
2	4.379	4.379	0.000	8651230	1000.0	1000.0
2	4.609	4.609	0.000	4468023	1000.0	1000.0
Average of Peak Amounts =						1000.0

RPD = 0.00



Reagents:

SG1242L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003168.D

Injection Date: 13-Feb-2019 13:39:44

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

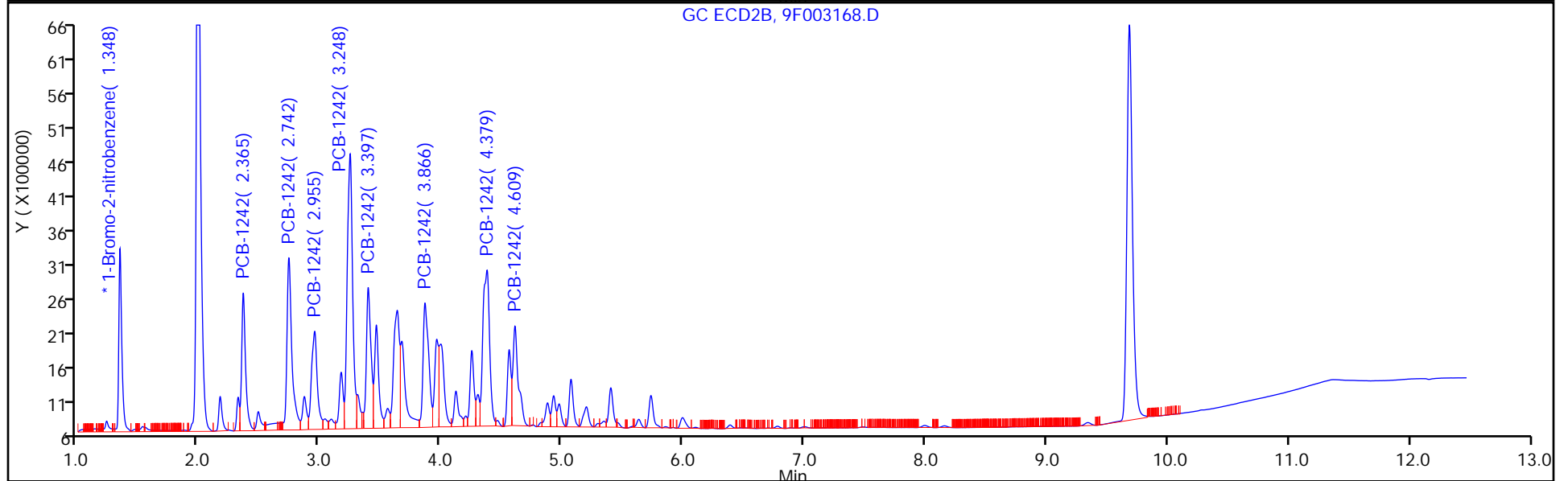
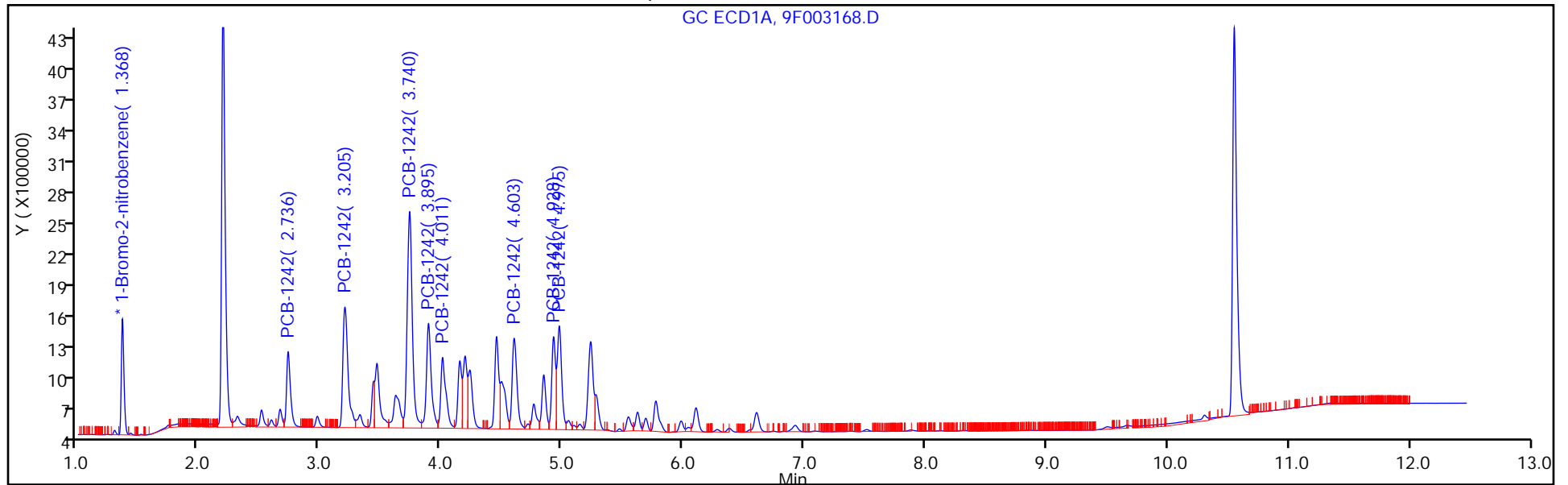
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:39 Calibration End Date: 02/13/2019 13:39 Calibration ID: 73558

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/10	9F003168.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	0.0194				Ave		0.0194						20.0			0.9900
PCB-1242 Peak 2	0.0308				Ave		0.0308						20.0			0.9900
PCB-1242 Peak 3	0.0202				Ave		0.0202						20.0			0.9900
PCB-1242 Peak 4	0.0527				Ave		0.0527						20.0			0.9900
PCB-1242 Peak 5	0.0231				Ave		0.0231						20.0			0.9900
PCB-1242 Peak 6	0.0251				Ave		0.0251						20.0			0.9900
PCB-1242 Peak 7	0.0372				Ave		0.0372						20.0			0.9900
PCB-1242 Peak 8	0.0192				Ave		0.0192						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:39 Calibration End Date: 02/13/2019 13:39 Calibration ID: 73558

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/10	9F003168.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1242 Peak 1	BNB	Ave	4524788						1000				
PCB-1242 Peak 2	BNB	Ave	7171512						1000				
PCB-1242 Peak 3	BNB	Ave	4695538						1000				
PCB-1242 Peak 4	BNB	Ave	12274405						1000				
PCB-1242 Peak 5	BNB	Ave	5387028						1000				
PCB-1242 Peak 6	BNB	Ave	5855105						1000				
PCB-1242 Peak 7	BNB	Ave	8651230						1000				
PCB-1242 Peak 8	BNB	Ave	4468023						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003168.D  
 Lims ID: IC 1242  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 13:39:44 ALS Bottle#: 11 Worklist Smp#: 10  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-010  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:04 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:36:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.368	1.368	0.000	1705984	20.0	20.0
2	1.348	1.348	0.000	4656473	20.0	20.0

RPD = 0.00

4 PCB-1242

1	2.736	2.736	0.000	1663622	1000.0	1000.0
1	3.205	3.205	0.000	3490976	1000.0	1000.0
1	3.740	3.740	0.000	6185158	1000.0	1000.0
1	3.895	3.895	0.000	2862634	1000.0	1000.0
1	4.011	4.011	0.000	2020531	1000.0	1000.0
1	4.603	4.603	0.000	2451322	1000.0	1000.0
1	4.928	4.928	0.000	1967207	1000.0	1000.0
1	4.975	4.975	0.000	2566986	1000.0	1000.0
Average of Peak Amounts =						1000.0
2	2.365	2.365	0.000	4524788	1000.0	1000.0
2	2.742	2.742	0.000	7171512	1000.0	1000.0
2	2.955	2.955	0.000	4695538	1000.0	1000.0
2	3.248	3.248	0.000	12274405	1000.0	1000.0
2	3.397	3.397	0.000	5387028	1000.0	1000.0
2	3.866	3.866	0.000	5855105	1000.0	1000.0
2	4.379	4.379	0.000	8651230	1000.0	1000.0
2	4.609	4.609	0.000	4468023	1000.0	1000.0
Average of Peak Amounts =						1000.0

RPD = 0.00

**Reagents:**

SG1242L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003168.D

Injection Date: 13-Feb-2019 13:39:44

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

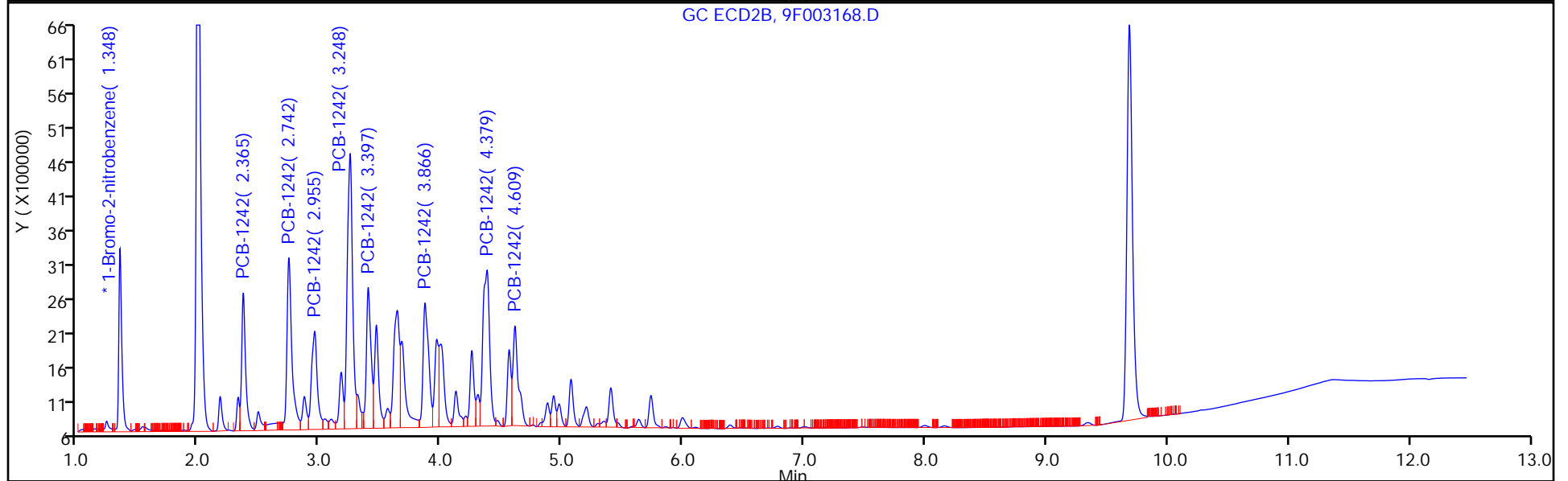
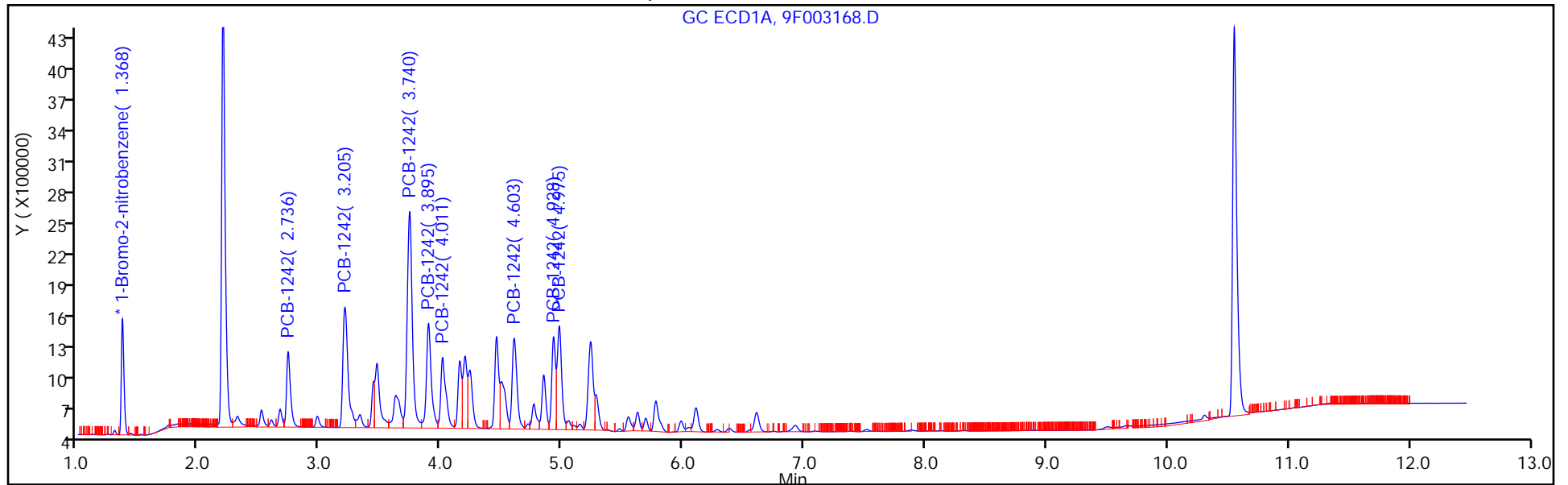
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:56 Calibration End Date: 02/13/2019 13:56 Calibration ID: 73563

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/11	9F003169.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	0.0238				Ave		0.0238						20.0			0.9900
PCB-1248 Peak 2	0.0540				Ave		0.0540						20.0			0.9900
PCB-1248 Peak 3	0.0310				Ave		0.0310						20.0			0.9900
PCB-1248 Peak 4	0.0298				Ave		0.0298						20.0			0.9900
PCB-1248 Peak 5	0.0454				Ave		0.0454						20.0			0.9900
PCB-1248 Peak 6	0.0420				Ave		0.0420						20.0			0.9900
PCB-1248 Peak 7	0.0572				Ave		0.0572						20.0			0.9900
PCB-1248 Peak 8	0.0527				Ave		0.0527						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:56 Calibration End Date: 02/13/2019 13:56 Calibration ID: 73563

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/11	9F003169.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	2120129					1000				
PCB-1248 Peak 2	BNB	Ave	4820567					1000				
PCB-1248 Peak 3	BNB	Ave	2767909					1000				
PCB-1248 Peak 4	BNB	Ave	2658740					1000				
PCB-1248 Peak 5	BNB	Ave	4046932					1000				
PCB-1248 Peak 6	BNB	Ave	3747049					1000				
PCB-1248 Peak 7	BNB	Ave	5097912					1000				
PCB-1248 Peak 8	BNB	Ave	4699100					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003169.D  
 Lims ID: IC 1248  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 13:56:36 ALS Bottle#: 12 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-011  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:16 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:37:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1783890	20.0	20.0	
2	1.347	1.347	0.000	4737353	20.0	20.0	
						RPD = 0.00	

6 PCB-1248

1	3.203	3.203	0.000	2120129	1000.0	1000.0	
1	3.738	3.738	0.000	4820567	1000.0	1000.0	
1	4.154	4.154	0.000	2767909	1000.0	1000.0	
1	4.197	4.197	0.000	2658740	1000.0	1000.0	
1	4.602	4.602	0.000	4046932	1000.0	1000.0	
1	4.929	4.929	0.000	3747049	1000.0	1000.0	
1	4.974	4.974	0.000	5097912	1000.0	1000.0	
1	5.234	5.234	0.000	4699100	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	2.740	2.740	0.000	4693997	1000.0	1000.0	
2	3.246	3.246	0.000	9443818	1000.0	1000.0	
2	3.634	3.634	0.000	9884281	1000.0	1000.0	
2	3.865	3.865	0.000	9651081	1000.0	1000.0	
2	4.377	4.377	0.000	16461325	1000.0	1000.0	M
2	4.610	4.610	0.000	10151003	1000.0	1000.0	M
2	5.072	5.072	0.000	4917786	1000.0	1000.0	M
2	5.401	5.401	0.000	3852781	1000.0	1000.0	M
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1248L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003169.D

Injection Date: 13-Feb-2019 13:56:36

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

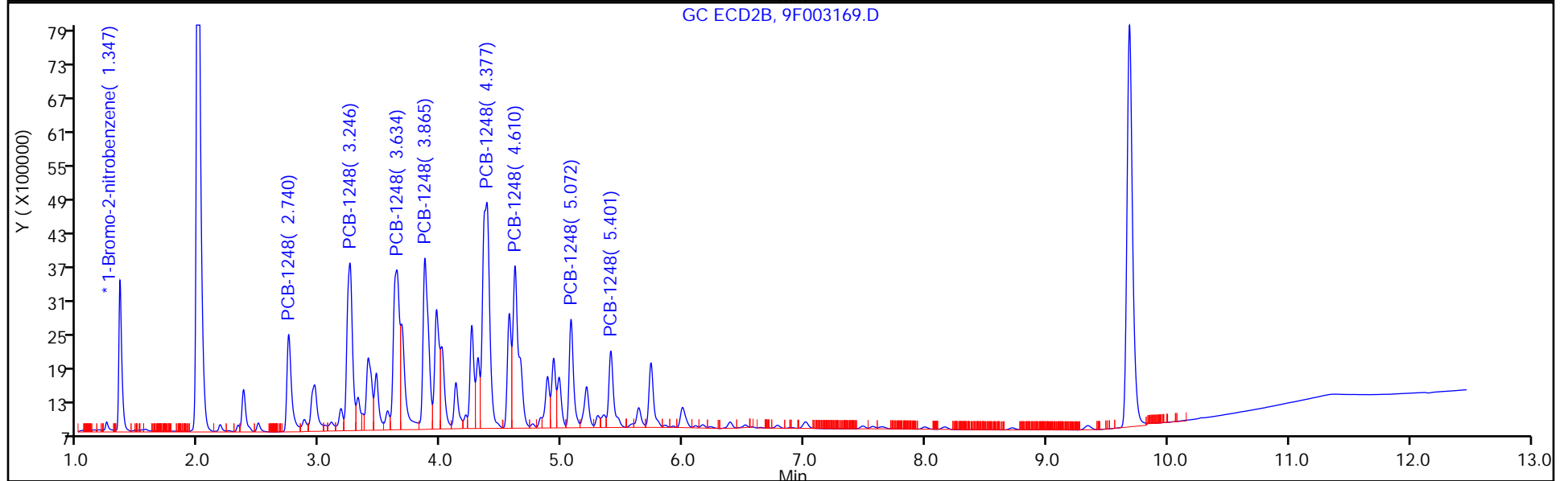
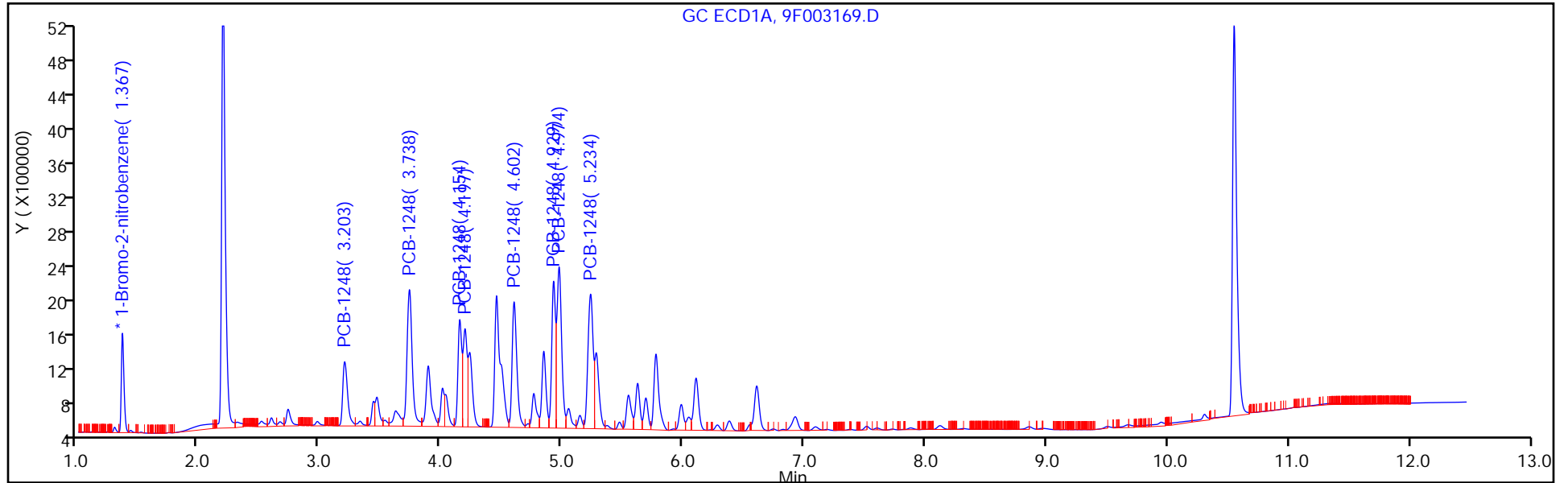
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:56 Calibration End Date: 02/13/2019 13:56 Calibration ID: 73564

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/11	9F003169.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	0.0198				Ave		0.0198						20.0			0.9900
PCB-1248 Peak 2	0.0399				Ave		0.0399						20.0			0.9900
PCB-1248 Peak 3	0.0417				Ave		0.0417						20.0			0.9900
PCB-1248 Peak 4	0.0407				Ave		0.0407						20.0			0.9900
PCB-1248 Peak 5	0.0695				Ave		0.0695						20.0			0.9900
PCB-1248 Peak 6	0.0429				Ave		0.0429						20.0			0.9900
PCB-1248 Peak 7	0.0208				Ave		0.0208						20.0			0.9900
PCB-1248 Peak 8	0.0163				Ave		0.0163						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 13:56 Calibration End Date: 02/13/2019 13:56 Calibration ID: 73564

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/11	9F003169.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	4693997					1000				
PCB-1248 Peak 2	BNB	Ave	9443818					1000				
PCB-1248 Peak 3	BNB	Ave	9884281					1000				
PCB-1248 Peak 4	BNB	Ave	9651081					1000				
PCB-1248 Peak 5	BNB	Ave	16461325					1000				
PCB-1248 Peak 6	BNB	Ave	10151003					1000				
PCB-1248 Peak 7	BNB	Ave	4917786					1000				
PCB-1248 Peak 8	BNB	Ave	3852781					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003169.D  
 Lims ID: IC 1248  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 13:56:36 ALS Bottle#: 12 Worklist Smp#: 11  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-011  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:16 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:37:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1783890	20.0	20.0	
2	1.347	1.347	0.000	4737353	20.0	20.0	

RPD = 0.00

6 PCB-1248

M

1	3.203	3.203	0.000	2120129	1000.0	1000.0	
1	3.738	3.738	0.000	4820567	1000.0	1000.0	
1	4.154	4.154	0.000	2767909	1000.0	1000.0	
1	4.197	4.197	0.000	2658740	1000.0	1000.0	
1	4.602	4.602	0.000	4046932	1000.0	1000.0	
1	4.929	4.929	0.000	3747049	1000.0	1000.0	
1	4.974	4.974	0.000	5097912	1000.0	1000.0	
1	5.234	5.234	0.000	4699100	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	2.740	2.740	0.000	4693997	1000.0	1000.0	
2	3.246	3.246	0.000	9443818	1000.0	1000.0	
2	3.634	3.634	0.000	9884281	1000.0	1000.0	
2	3.865	3.865	0.000	9651081	1000.0	1000.0	
2	4.377	4.377	0.000	16461325	1000.0	1000.0	M
2	4.610	4.610	0.000	10151003	1000.0	1000.0	M
2	5.072	5.072	0.000	4917786	1000.0	1000.0	M
2	5.401	5.401	0.000	3852781	1000.0	1000.0	M
Average of Peak Amounts =						1000.0	

RPD = 0.00

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1248L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003169.D

Injection Date: 13-Feb-2019 13:56:36

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

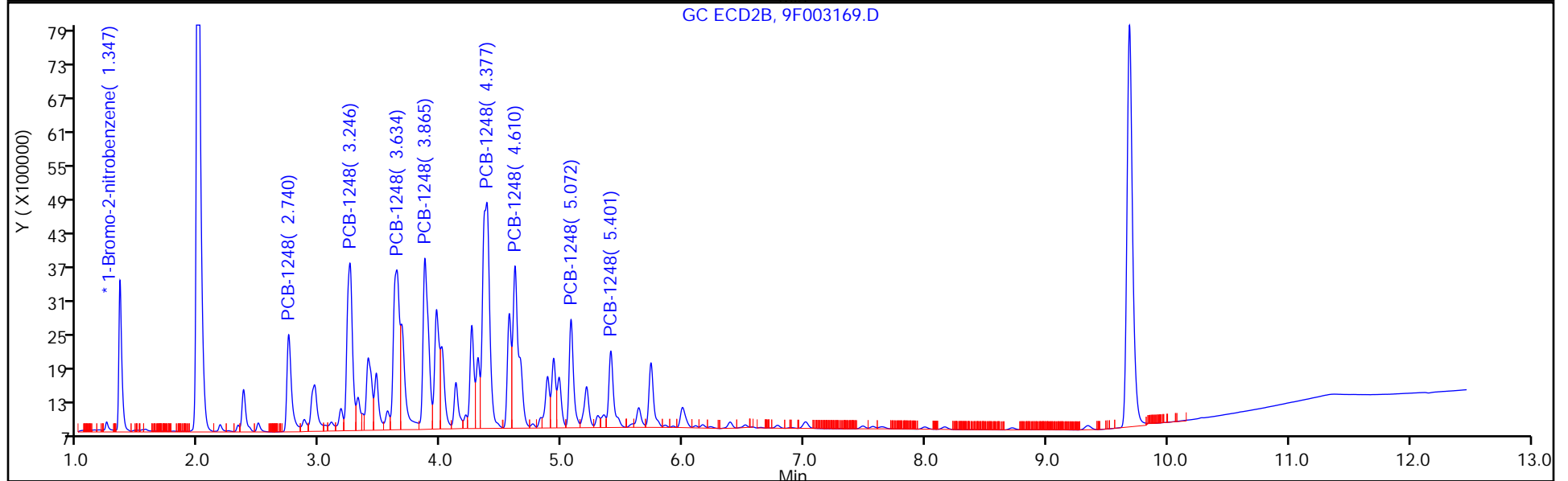
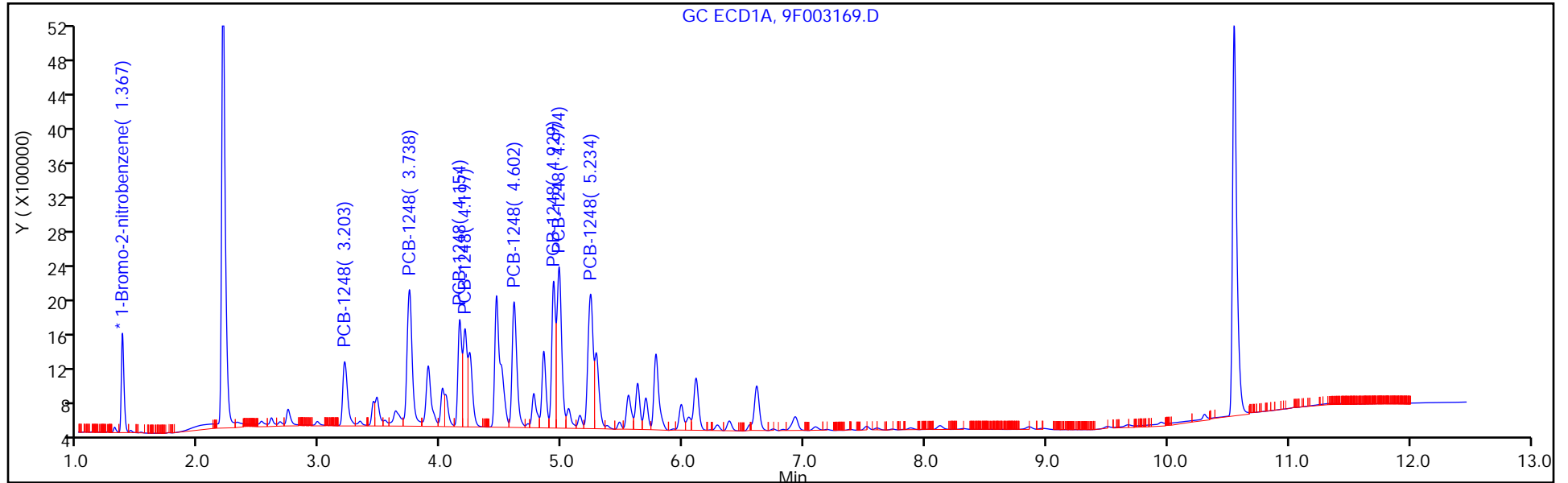
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:13 Calibration End Date: 02/13/2019 14:13 Calibration ID: 73569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/12	9F003170.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	0.0161				Ave		0.0161						20.0			0.9900
PCB-1254 Peak 2	0.0514				Ave		0.0514						20.0			0.9900
PCB-1254 Peak 3	0.0520				Ave		0.0520						20.0			0.9900
PCB-1254 Peak 4	0.0359				Ave		0.0359						20.0			0.9900
PCB-1254 Peak 5	0.0745				Ave		0.0745						20.0			0.9900
PCB-1254 Peak 6	0.0540				Ave		0.0540						20.0			0.9900
PCB-1254 Peak 7	0.0406				Ave		0.0406						20.0			0.9900
PCB-1254 Peak 8	0.0710				Ave		0.0710						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:13 Calibration End Date: 02/13/2019 14:13 Calibration ID: 73569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/12	9F003170.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	1379548					1000				
PCB-1254 Peak 2	BNB	Ave	4403117					1000				
PCB-1254 Peak 3	BNB	Ave	4453103					1000				
PCB-1254 Peak 4	BNB	Ave	3072226					1000				
PCB-1254 Peak 5	BNB	Ave	6380093					1000				
PCB-1254 Peak 6	BNB	Ave	4624315					1000				
PCB-1254 Peak 7	BNB	Ave	3475860					1000				
PCB-1254 Peak 8	BNB	Ave	6083443					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003170.D  
 Lims ID: IC 1254  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 14:13:29 ALS Bottle#: 13 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-012  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:24 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:37:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1713596	20.0	20.0	
2	1.347	1.347	0.000	4490390	20.0	20.0	
						RPD = 0.00	

7 PCB-1254

1	4.458	4.458	0.000	1379548	1000.0	1000.0	
1	4.966	4.966	0.000	4403117	1000.0	1000.0	
1	5.218	5.218	0.000	4453103	1000.0	1000.0	
1	5.623	5.623	0.000	3072226	1000.0	1000.0	
1	5.774	5.774	0.000	6380093	1000.0	1000.0	
1	6.105	6.105	0.000	4624315	1000.0	1000.0	
1	6.609	6.609	0.000	3475860	1000.0	1000.0	
1	6.925	6.925	0.000	6083443	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
2	3.864	3.864	0.000	3069254	1000.0	1000.0	
2	4.307	4.307	0.000	6244670	1000.0	1000.0	
2	4.615	4.615	0.000	9298313	1000.0	1000.0	
2	4.929	4.929	0.000	7582196	1000.0	1000.0	
2	5.072	5.072	0.000	13531859	1000.0	1000.0	
2	5.402	5.402	0.000	10816594	1000.0	1000.0	
2	5.633	5.633	0.000	9237766	1000.0	1000.0	
2	5.995	5.995	0.000	13064529	1000.0	1000.0	
Average of Peak Amounts =						1000.0	
						RPD = 0.00	

**Reagents:**

SG1254L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003170.D

Injection Date: 13-Feb-2019 14:13:29

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

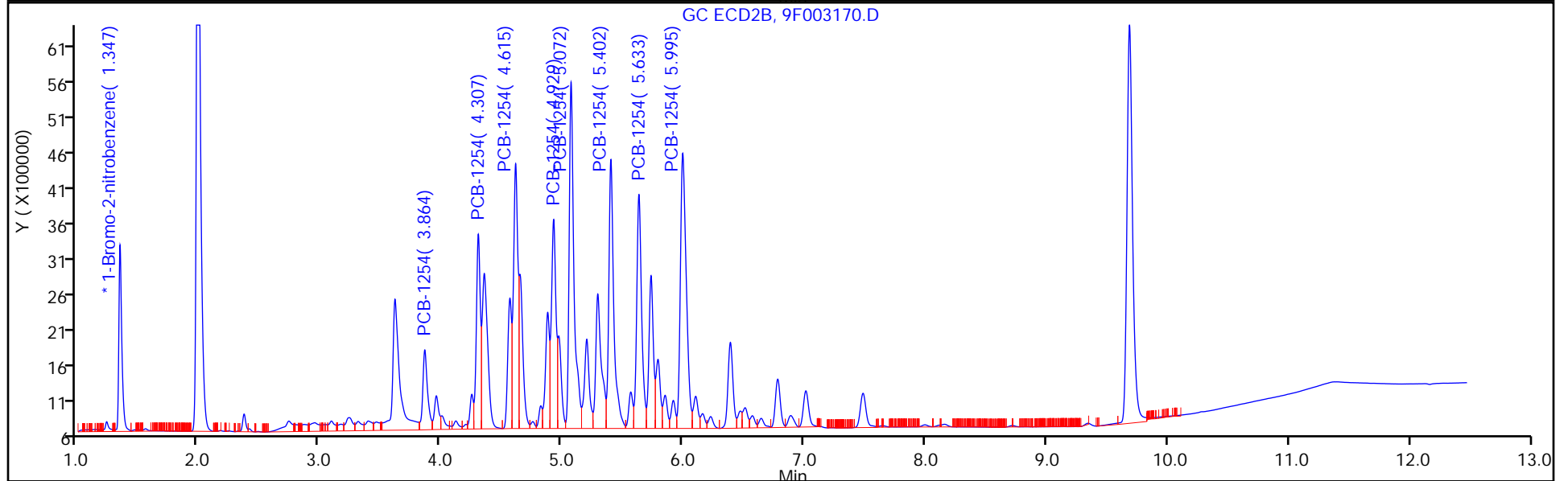
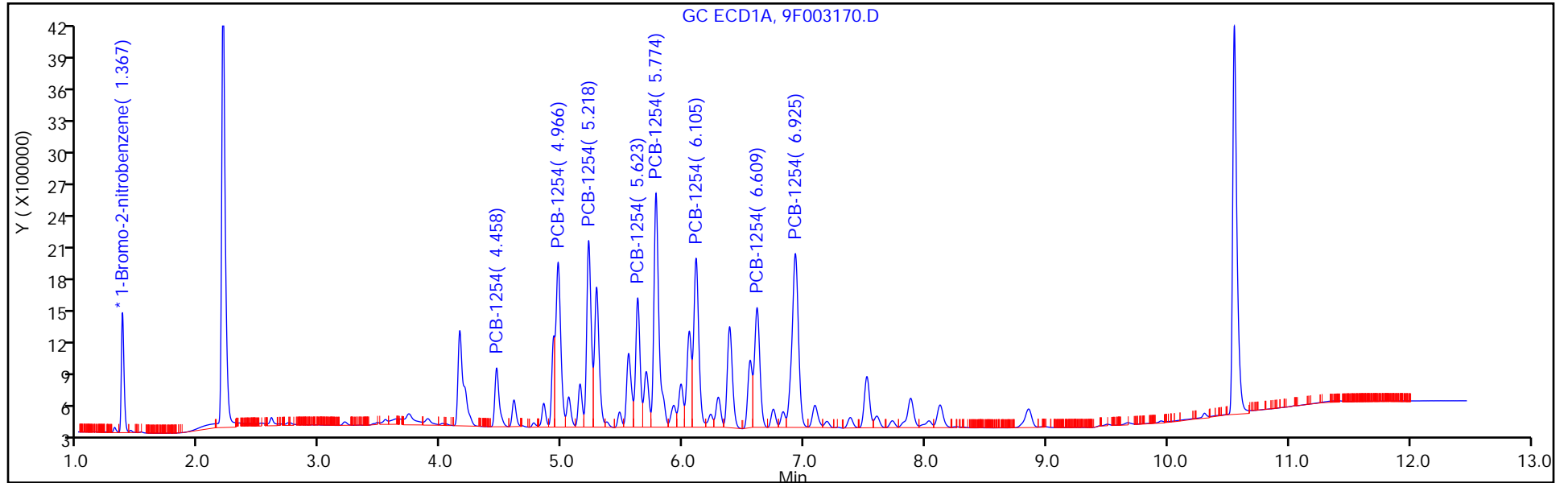
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:13 Calibration End Date: 02/13/2019 14:13 Calibration ID: 73570

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/12	9F003170.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	0.0137				Ave		0.0137						20.0			0.9900
PCB-1254 Peak 2	0.0278				Ave		0.0278						20.0			0.9900
PCB-1254 Peak 3	0.0414				Ave		0.0414						20.0			0.9900
PCB-1254 Peak 4	0.0338				Ave		0.0338						20.0			0.9900
PCB-1254 Peak 5	0.0603				Ave		0.0603						20.0			0.9900
PCB-1254 Peak 6	0.0482				Ave		0.0482						20.0			0.9900
PCB-1254 Peak 7	0.0411				Ave		0.0411						20.0			0.9900
PCB-1254 Peak 8	0.0582				Ave		0.0582						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:13 Calibration End Date: 02/13/2019 14:13 Calibration ID: 73570

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/12	9F003170.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	3069254					1000				
PCB-1254 Peak 2	BNB	Ave	6244670					1000				
PCB-1254 Peak 3	BNB	Ave	9298313					1000				
PCB-1254 Peak 4	BNB	Ave	7582196					1000				
PCB-1254 Peak 5	BNB	Ave	13531859					1000				
PCB-1254 Peak 6	BNB	Ave	10816594					1000				
PCB-1254 Peak 7	BNB	Ave	9237766					1000				
PCB-1254 Peak 8	BNB	Ave	13064529					1000				

Curve Type Legend:

Ave = Average ISTD



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003170.D  
 Lims ID: IC 1254  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 14:13:29 ALS Bottle#: 13 Worklist Smp#: 12  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-012  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:24 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:37:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1713596	20.0	20.0	
2	1.347	1.347	0.000	4490390	20.0	20.0	
						RPD = 0.00	

7 PCB-1254

1	4.458	4.458	0.000	1379548	1000.0	1000.0	
1	4.966	4.966	0.000	4403117	1000.0	1000.0	
1	5.218	5.218	0.000	4453103	1000.0	1000.0	
1	5.623	5.623	0.000	3072226	1000.0	1000.0	
1	5.774	5.774	0.000	6380093	1000.0	1000.0	
1	6.105	6.105	0.000	4624315	1000.0	1000.0	
1	6.609	6.609	0.000	3475860	1000.0	1000.0	
1	6.925	6.925	0.000	6083443	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	3.864	3.864	0.000	3069254	1000.0	1000.0	
2	4.307	4.307	0.000	6244670	1000.0	1000.0	
2	4.615	4.615	0.000	9298313	1000.0	1000.0	
2	4.929	4.929	0.000	7582196	1000.0	1000.0	
2	5.072	5.072	0.000	13531859	1000.0	1000.0	
2	5.402	5.402	0.000	10816594	1000.0	1000.0	
2	5.633	5.633	0.000	9237766	1000.0	1000.0	
2	5.995	5.995	0.000	13064529	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

**Reagents:**

SG1254L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003170.D

Injection Date: 13-Feb-2019 14:13:29

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

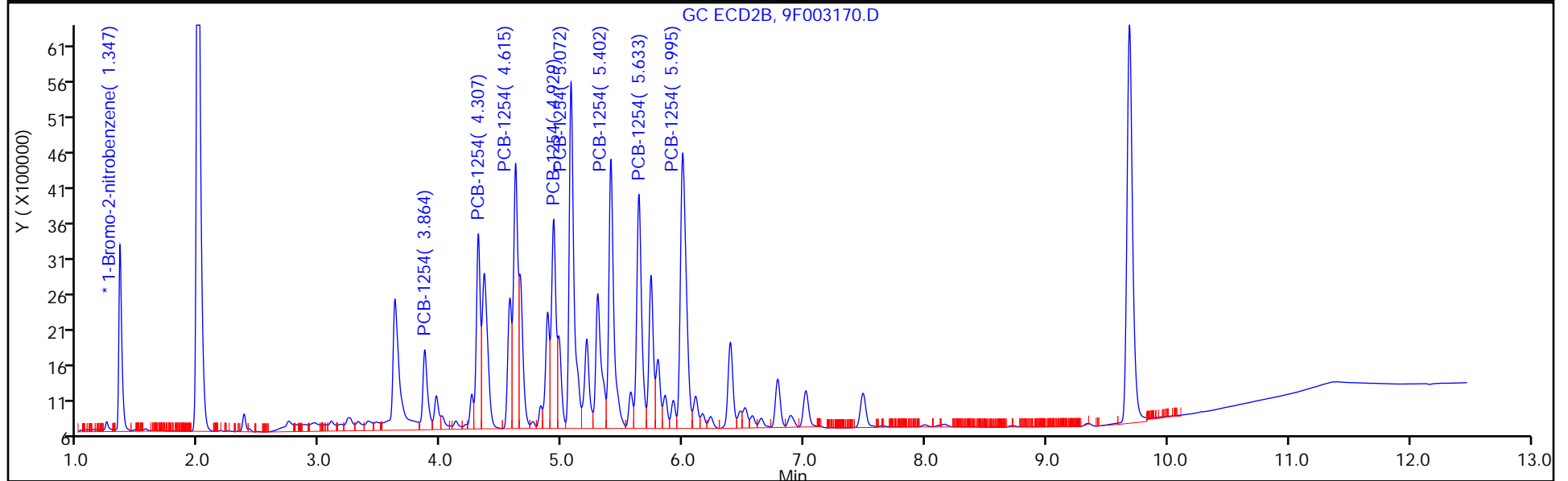
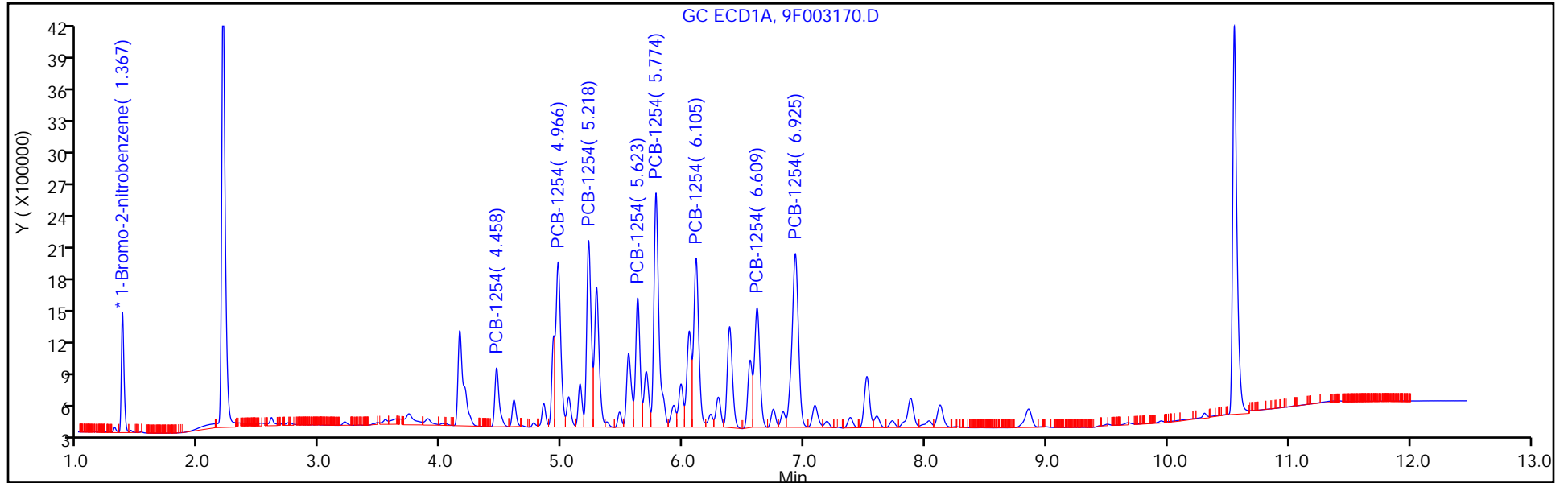
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:30 Calibration End Date: 02/13/2019 14:30 Calibration ID: 73575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/13	9F003171.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	0.0644				Ave		0.0644						20.0			0.9900
PCB-1262 Peak 2	0.0745				Ave		0.0745						20.0			0.9900
PCB-1262 Peak 3	0.1025				Ave		0.1025						20.0			0.9900
PCB-1262 Peak 4	0.0962				Ave		0.0962						20.0			0.9900
PCB-1262 Peak 5	0.1868				Ave		0.1868						20.0			0.9900
PCB-1262 Peak 6	0.0334				Ave		0.0334						20.0			0.9900
PCB-1262 Peak 7	0.0747				Ave		0.0747						20.0			0.9900
PCB-1262 Peak 8	0.0280				Ave		0.0280						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:30 Calibration End Date: 02/13/2019 14:30 Calibration ID: 73575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/13	9F003171.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1262 Peak 1	BNB	Ave	5674567						1000				
PCB-1262 Peak 2	BNB	Ave	6569591						1000				
PCB-1262 Peak 3	BNB	Ave	9032542						1000				
PCB-1262 Peak 4	BNB	Ave	8479498						1000				
PCB-1262 Peak 5	BNB	Ave	16466088						1000				
PCB-1262 Peak 6	BNB	Ave	2943679						1000				
PCB-1262 Peak 7	BNB	Ave	6583501						1000				
PCB-1262 Peak 8	BNB	Ave	2466292						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003171.D  
 Lims ID: IC 1262  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 14:30:22 ALS Bottle#: 14 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-013  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub7  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:30 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:37:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1762934	20.0	20.0	
2	1.347	1.347	0.000	4533490	20.0	20.0	
						RPD = 0.00	

9 PCB-1262

1	6.050	6.050	0.000	5674567	1000.0	1000.0	
1	6.382	6.382	0.000	6569591	1000.0	1000.0	
1	7.097	7.097	0.000	9032542	1000.0	1000.0	
1	7.602	7.602	0.000	8479498	1000.0	1000.0	
1	8.122	8.122	0.000	16466088	1000.0	1000.0	
1	9.687	9.687	0.000	2943679	1000.0	1000.0	
1	9.947	9.947	0.000	6583501	1000.0	1000.0	
1	10.304	10.304	0.000	2466292	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	5.293	5.293	0.000	10474969	1000.0	1000.0	
2	6.513	6.513	0.000	16705184	1000.0	1000.0	
2	7.012	7.012	0.000	36099309	1000.0	1000.0	
2	7.485	7.485	0.000	12835283	1000.0	1000.0	
2	7.643	7.643	0.000	17041116	1000.0	1000.0	
2	8.164	8.164	0.000	6590174	1000.0	1000.0	
2	8.717	8.717	0.000	13888831	1000.0	1000.0	
2	9.342	9.342	0.000	5837747	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

Reagents:

SG1262L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003171.D

Injection Date: 13-Feb-2019 14:30:22

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

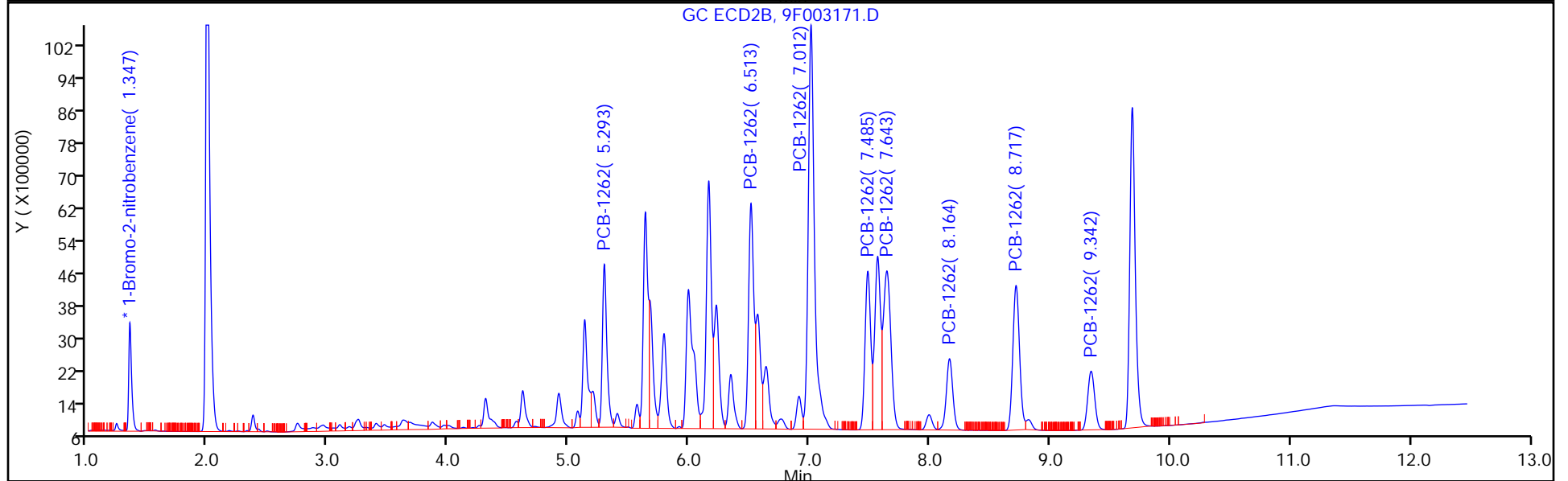
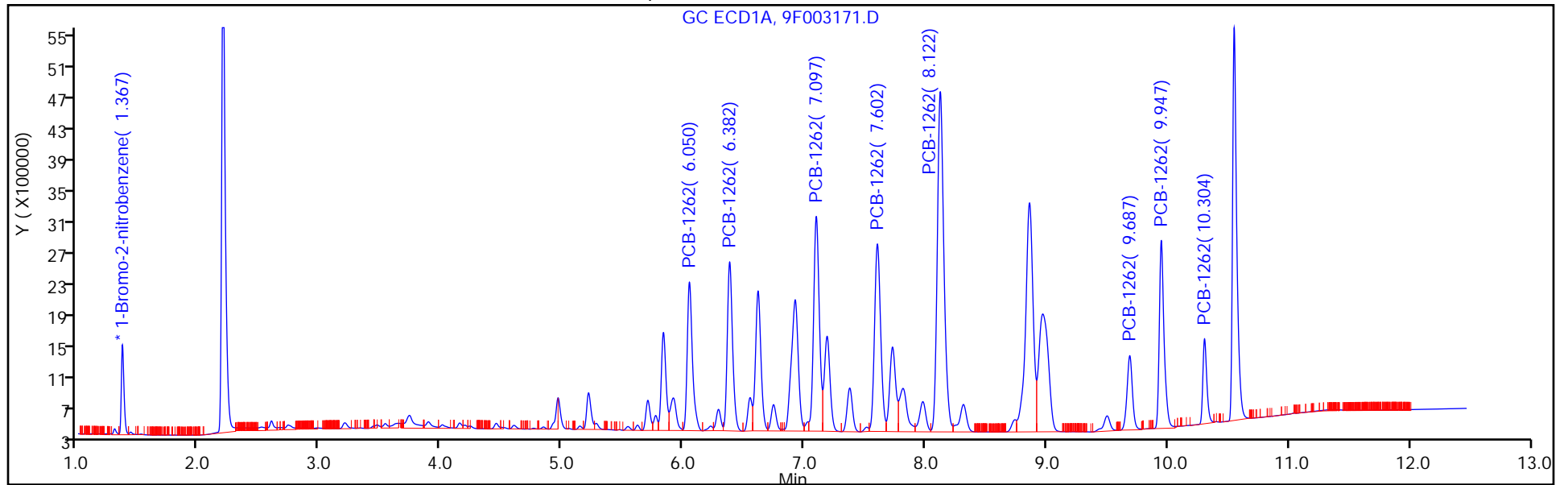
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD





FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:30 Calibration End Date: 02/13/2019 14:30 Calibration ID: 73576

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/13	9F003171.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	0.0462				Ave		0.0462						20.0			0.9900
PCB-1262 Peak 2	0.0737				Ave		0.0737						20.0			0.9900
PCB-1262 Peak 3	0.1593				Ave		0.1593						20.0			0.9900
PCB-1262 Peak 4	0.0566				Ave		0.0566						20.0			0.9900
PCB-1262 Peak 5	0.0752				Ave		0.0752						20.0			0.9900
PCB-1262 Peak 6	0.0291				Ave		0.0291						20.0			0.9900
PCB-1262 Peak 7	0.0613				Ave		0.0613						20.0			0.9900
PCB-1262 Peak 8	0.0258				Ave		0.0258						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:30 Calibration End Date: 02/13/2019 14:30 Calibration ID: 73576

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/13	9F003171.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	10474969					1000				
PCB-1262 Peak 2	BNB	Ave	16705184					1000				
PCB-1262 Peak 3	BNB	Ave	36099309					1000				
PCB-1262 Peak 4	BNB	Ave	12835283					1000				
PCB-1262 Peak 5	BNB	Ave	17041116					1000				
PCB-1262 Peak 6	BNB	Ave	6590174					1000				
PCB-1262 Peak 7	BNB	Ave	13888831					1000				
PCB-1262 Peak 8	BNB	Ave	5837747					1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003171.D  
 Lims ID: IC 1262  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 14:30:22 ALS Bottle#: 14 Worklist Smp#: 13  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-013  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub7  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:30 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:37:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1762934	20.0	20.0	
2	1.347	1.347	0.000	4533490	20.0	20.0	
						RPD = 0.00	

9 PCB-1262

1	6.050	6.050	0.000	5674567	1000.0	1000.0	
1	6.382	6.382	0.000	6569591	1000.0	1000.0	
1	7.097	7.097	0.000	9032542	1000.0	1000.0	
1	7.602	7.602	0.000	8479498	1000.0	1000.0	
1	8.122	8.122	0.000	16466088	1000.0	1000.0	
1	9.687	9.687	0.000	2943679	1000.0	1000.0	
1	9.947	9.947	0.000	6583501	1000.0	1000.0	
1	10.304	10.304	0.000	2466292	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	5.293	5.293	0.000	10474969	1000.0	1000.0	
2	6.513	6.513	0.000	16705184	1000.0	1000.0	
2	7.012	7.012	0.000	36099309	1000.0	1000.0	
2	7.485	7.485	0.000	12835283	1000.0	1000.0	
2	7.643	7.643	0.000	17041116	1000.0	1000.0	
2	8.164	8.164	0.000	6590174	1000.0	1000.0	
2	8.717	8.717	0.000	13888831	1000.0	1000.0	
2	9.342	9.342	0.000	5837747	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

Reagents:

SG1262L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003171.D

Injection Date: 13-Feb-2019 14:30:22

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

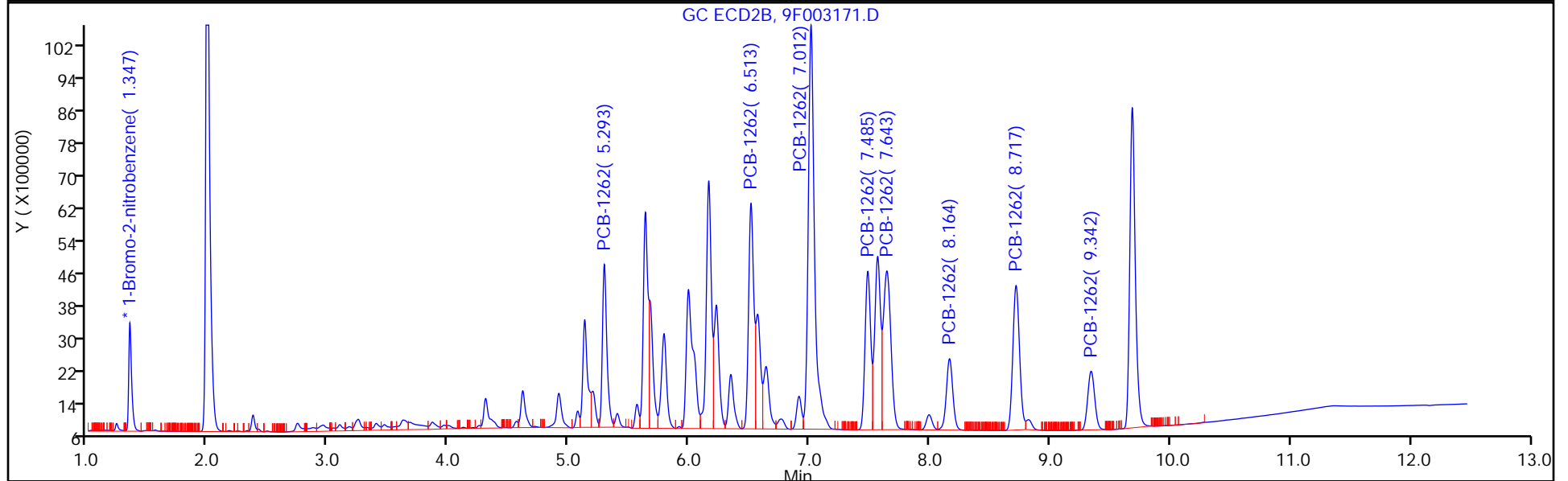
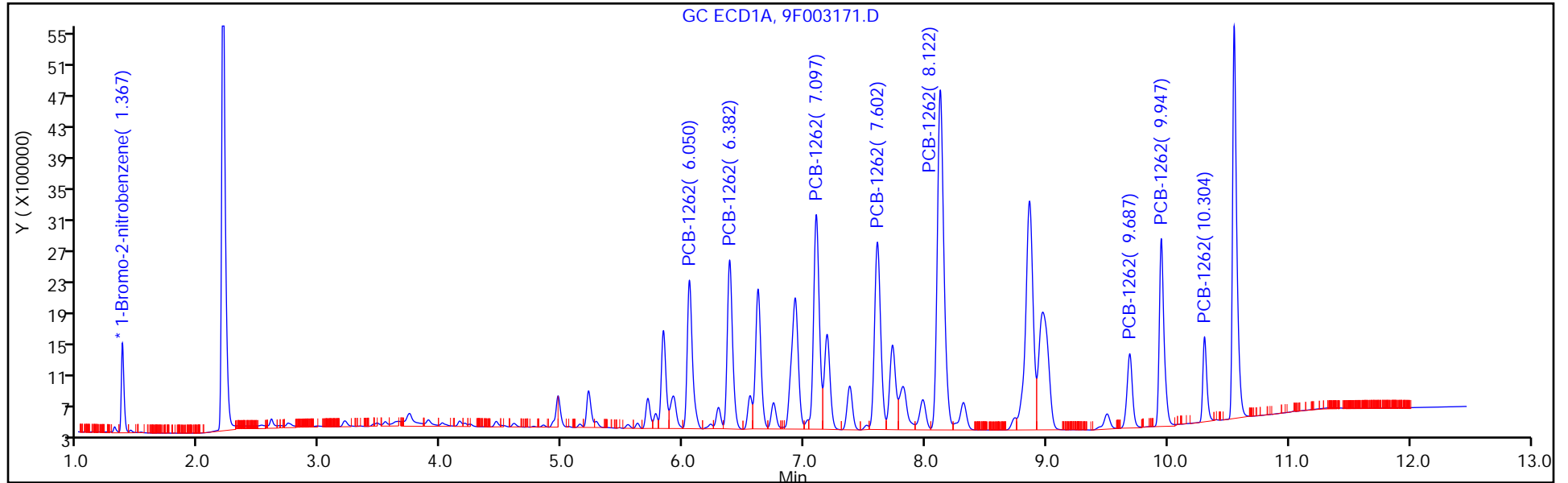
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:47 Calibration End Date: 02/13/2019 14:47 Calibration ID: 73581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/14	9F003172.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	0.0285				Ave		0.0285						20.0			0.9900
PCB-1268 Peak 2	0.0390				Ave		0.0390						20.0			0.9900
PCB-1268 Peak 3	0.1423				Ave		0.1423						20.0			0.9900
PCB-1268 Peak 4	0.1430				Ave		0.1430						20.0			0.9900
PCB-1268 Peak 5	0.1183				Ave		0.1183						20.0			0.9900
PCB-1268 Peak 6	0.0361				Ave		0.0361						20.0			0.9900
PCB-1268 Peak 7	0.0507				Ave		0.0507						20.0			0.9900
PCB-1268 Peak 8	0.3210				Ave		0.3210						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:47 Calibration End Date: 02/13/2019 14:47 Calibration ID: 73581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/14	9F003172.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1268 Peak 1	BNB	Ave	2477191						1000				
PCB-1268 Peak 2	BNB	Ave	3388642						1000				
PCB-1268 Peak 3	BNB	Ave	12352520						1000				
PCB-1268 Peak 4	BNB	Ave	12413336						1000				
PCB-1268 Peak 5	BNB	Ave	10269549						1000				
PCB-1268 Peak 6	BNB	Ave	3135960						1000				
PCB-1268 Peak 7	BNB	Ave	4398386						1000				
PCB-1268 Peak 8	BNB	Ave	27859361						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Lims ID: IC 1268  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 14:47:15 ALS Bottle#: 15 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-014  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub8  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:35 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:37:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1735918	20.0	20.0	
2	1.347	1.347	0.000	4583954	20.0	20.0	
						RPD = 0.00	

10 PCB-1268

1	7.095	7.095	0.000	2477191	1000.0	1000.0	
1	7.614	7.614	0.000	3388642	1000.0	1000.0	
1	8.862	8.862	0.000	12352520	1000.0	1000.0	
1	8.959	8.959	0.000	12413336	1000.0	1000.0	
1	9.500	9.500	0.000	10269549	1000.0	1000.0	
1	9.664	9.664	0.000	3135960	1000.0	1000.0	
1	9.945	9.945	0.000	4398386	1000.0	1000.0	
1	10.305	10.305	0.000	27859361	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	6.160	6.160	0.000	5807976	1000.0	1000.0	
2	6.508	6.508	0.000	7267684	1000.0	1000.0	
2	7.565	7.565	0.000	23585994	1000.0	1000.0	
2	7.632	7.632	0.000	25726869	1000.0	1000.0	
2	7.995	7.995	0.000	20664625	1000.0	1000.0	
2	8.157	8.157	0.000	6540307	1000.0	1000.0	
2	8.715	8.715	0.000	9796815	1000.0	1000.0	
2	9.341	9.341	0.000	59813002	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	



Reagents:

SG1268L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D

Injection Date: 13-Feb-2019 14:47:15

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

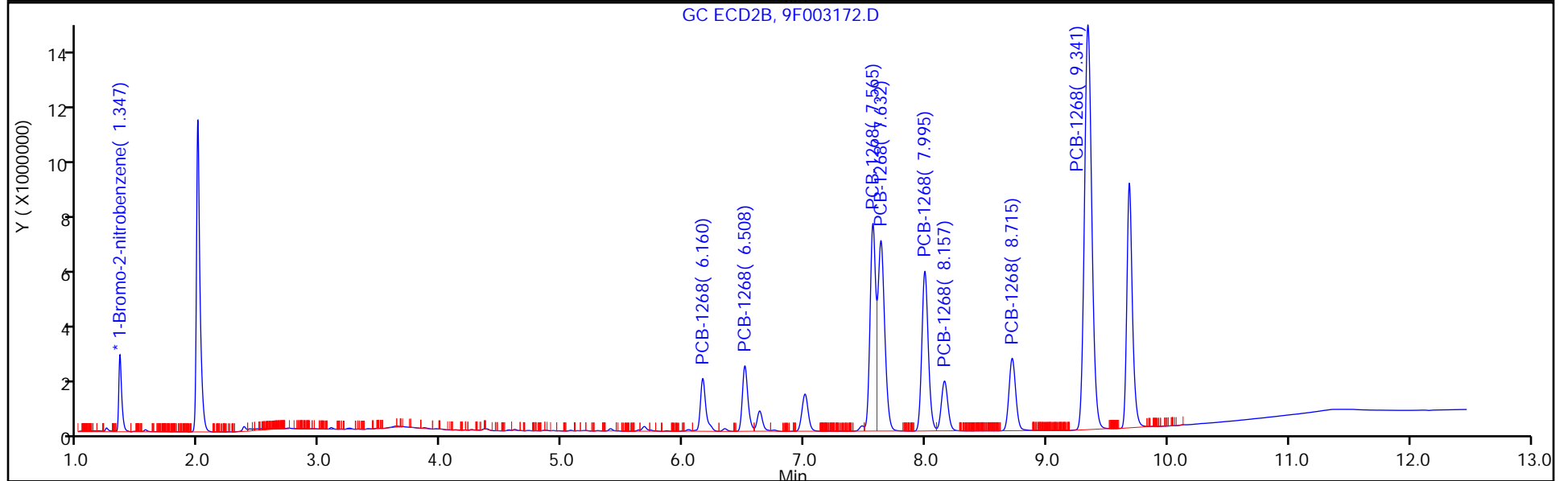
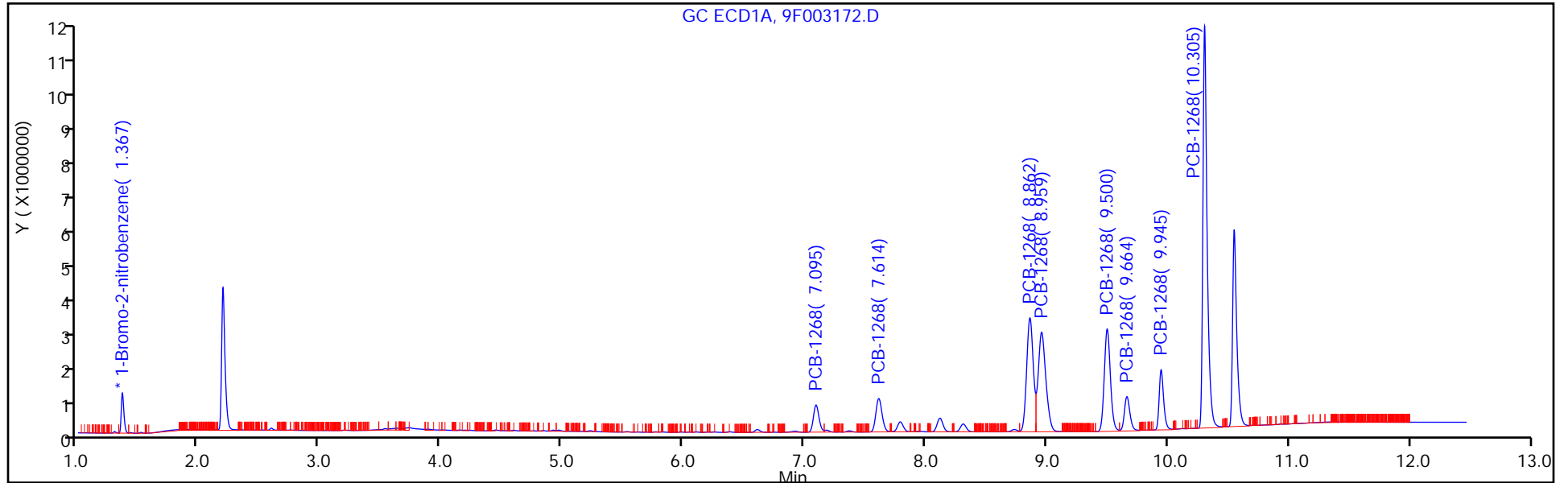
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:47 Calibration End Date: 02/13/2019 14:47 Calibration ID: 73582

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/14	9F003172.D

ANALYTE	RRF				CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	0.0253				Ave		0.0253						20.0			0.9900
PCB-1268 Peak 2	0.0317				Ave		0.0317						20.0			0.9900
PCB-1268 Peak 3	0.1029				Ave		0.1029						20.0			0.9900
PCB-1268 Peak 4	0.1122				Ave		0.1122						20.0			0.9900
PCB-1268 Peak 5	0.0902				Ave		0.0902						20.0			0.9900
PCB-1268 Peak 6	0.0285				Ave		0.0285						20.0			0.9900
PCB-1268 Peak 7	0.0427				Ave		0.0427						20.0			0.9900
PCB-1268 Peak 8	0.2610				Ave		0.2610						20.0			0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-176080-1 Analy Batch No.: 589093

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/13/2019 14:47 Calibration End Date: 02/13/2019 14:47 Calibration ID: 73582

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-589093/14	9F003172.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)					
			LVL 1						LVL 1				
PCB-1268 Peak 1	BNB	Ave	5807976						1000				
PCB-1268 Peak 2	BNB	Ave	7267684						1000				
PCB-1268 Peak 3	BNB	Ave	23585994						1000				
PCB-1268 Peak 4	BNB	Ave	25726869						1000				
PCB-1268 Peak 5	BNB	Ave	20664625						1000				
PCB-1268 Peak 6	BNB	Ave	6540307						1000				
PCB-1268 Peak 7	BNB	Ave	9796815						1000				
PCB-1268 Peak 8	BNB	Ave	59813002						1000				

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Lims ID: IC 1268  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 13-Feb-2019 14:47:15 ALS Bottle#: 15 Worklist Smp#: 14  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0086471-014  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub8  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 14-Feb-2019 09:32:35 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0305

First Level Reviewer: patelji Date: 13-Feb-2019 16:37:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.367	1.367	0.000	1735918	20.0	20.0	
2	1.347	1.347	0.000	4583954	20.0	20.0	
						RPD = 0.00	

10 PCB-1268

1	7.095	7.095	0.000	2477191	1000.0	1000.0	
1	7.614	7.614	0.000	3388642	1000.0	1000.0	
1	8.862	8.862	0.000	12352520	1000.0	1000.0	
1	8.959	8.959	0.000	12413336	1000.0	1000.0	
1	9.500	9.500	0.000	10269549	1000.0	1000.0	
1	9.664	9.664	0.000	3135960	1000.0	1000.0	
1	9.945	9.945	0.000	4398386	1000.0	1000.0	
1	10.305	10.305	0.000	27859361	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
2	6.160	6.160	0.000	5807976	1000.0	1000.0	
2	6.508	6.508	0.000	7267684	1000.0	1000.0	
2	7.565	7.565	0.000	23585994	1000.0	1000.0	
2	7.632	7.632	0.000	25726869	1000.0	1000.0	
2	7.995	7.995	0.000	20664625	1000.0	1000.0	
2	8.157	8.157	0.000	6540307	1000.0	1000.0	
2	8.715	8.715	0.000	9796815	1000.0	1000.0	
2	9.341	9.341	0.000	59813002	1000.0	1000.0	
						Average of Peak Amounts =	1000.0
						RPD = 0.00	

Reagents:

SG1268L4\_00027

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D

Injection Date: 13-Feb-2019 14:47:15

Instrument ID: CPESTGC9

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

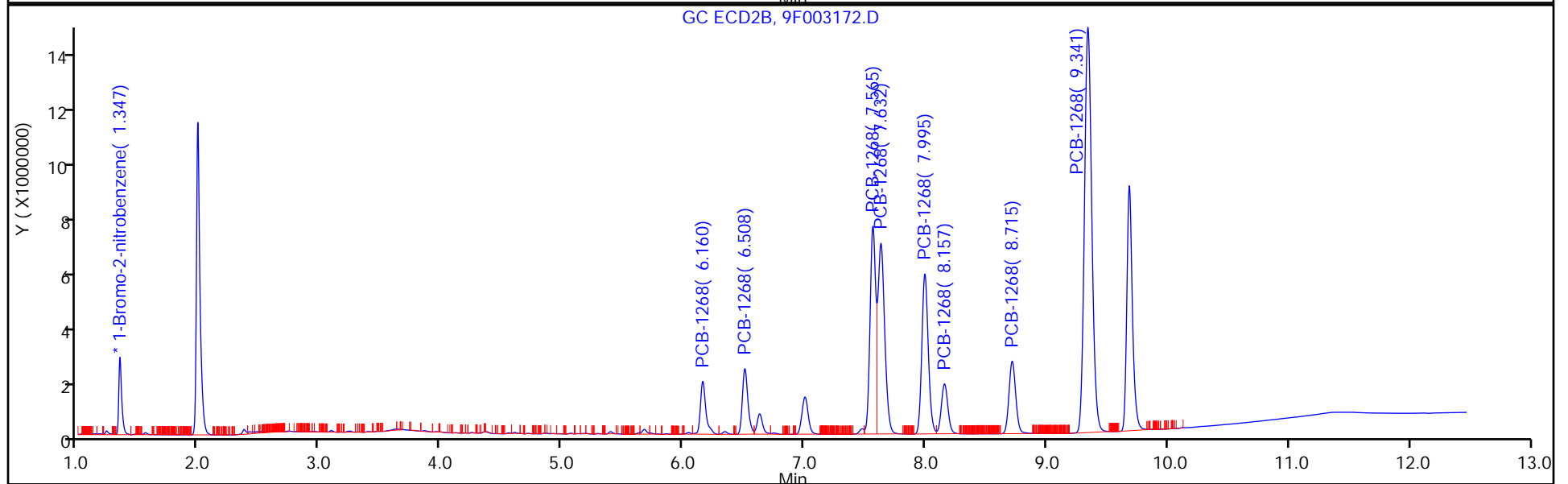
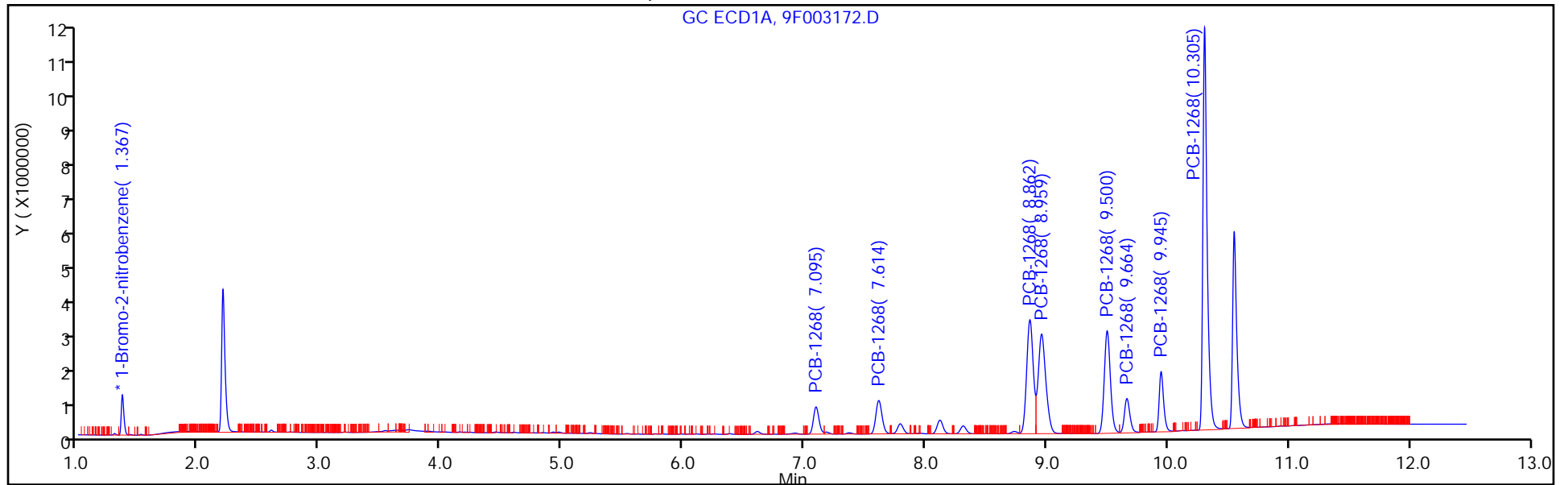
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592235/2 Calibration Date: 02/28/2019 00:21  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155872.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0173	0.0175		1010	1000	0.9	20.0
PCB-1016 Peak 2	Ave	0.0360	0.0362		1000	1000	0.4	20.0
PCB-1016 Peak 3	Ave	0.0821	0.0833		1020	1000	1.5	20.0
PCB-1016 Peak 4	Ave	0.0333	0.0342		1030	1000	2.8	20.0
PCB-1016 Peak 5	Ave	0.0266	0.0264		990	1000	-1.0	20.0
PCB-1016 Peak 6	Ave	0.0291	0.0263		901	1000	-9.9	20.0
PCB-1016 Peak 7	Ave	0.0315	0.0306		971	1000	-2.9	20.0
PCB-1016 Peak 8	Ave	0.0282	0.0335		1190	1000	18.5	20.0
PCB-1260 Peak 1	Ave	0.0284	0.0255		899	1000	-10.1	20.0
PCB-1260 Peak 2	Ave	0.0550	0.0509		927	1000	-7.3	20.0
PCB-1260 Peak 3	Ave	0.0746	0.0715		959	1000	-4.1	20.0
PCB-1260 Peak 4	Ave	0.0548	0.0498		908	1000	-9.2	20.0
PCB-1260 Peak 5	Ave	0.0499	0.0452		906	1000	-9.4	20.0
PCB-1260 Peak 6	Ave	0.1332	0.1198		900	1000	-10.0	20.0
PCB-1260 Peak 7	Ave	0.0944	0.0867		919	1000	-8.1	20.0
PCB-1260 Peak 8	Ave	0.0354	0.0325		918	1000	-8.2	20.0
Tetrachloro-m-xylene	Ave	1.016	1.063		105	100	4.6	20.0
DCB Decachlorobiphenyl	Ave	1.071	1.046		97.6	100	-2.4	20.0



FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592235/2 Calibration Date: 02/28/2019 00:21  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155872.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.36	2.33	2.39
PCB-1016 Peak 2	2.78	2.75	2.81
PCB-1016 Peak 3	3.28	3.25	3.31
PCB-1016 Peak 4	3.42	3.39	3.45
PCB-1016 Peak 5	3.53	3.50	3.56
PCB-1016 Peak 6	3.96	3.93	3.99
PCB-1016 Peak 7	4.09	4.06	4.12
PCB-1016 Peak 8	4.44	4.41	4.47
PCB-1260 Peak 1	5.27	5.24	5.30
PCB-1260 Peak 2	5.45	5.42	5.48
PCB-1260 Peak 3	5.74	5.71	5.77
PCB-1260 Peak 4	6.36	6.33	6.39
PCB-1260 Peak 5	6.80	6.77	6.83
PCB-1260 Peak 6	7.27	7.24	7.30
PCB-1260 Peak 7	7.91	7.88	7.94
PCB-1260 Peak 8	9.17	9.14	9.20
Tetrachloro-m-xylene	1.89	1.86	1.92
DCB Decachlorobiphenyl	10.06	10.03	10.09

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155872.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 28-Feb-2019 00:21:23 ALS Bottle#: 42 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:15 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: adoum Date: 27-Feb-2019 23:59:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.183	1.183	0.000	15937814	20.0	20.0	M
2	1.335	1.335	0.000	15955791	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.888	1.888	0.000	84689007	100.0	104.6	
2	1.973	1.973	0.000	78746159	100.0	101.0	
RPD = 3.50							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.356	2.356	0.000	13924967	1000.0	1009.4	
1	2.779	2.779	0.000	28842771	1000.0	1004.3	
1	3.279	3.279	0.000	66410763	1000.0	1015.3	
1	3.422	3.422	0.000	27258257	1000.0	1028.2	
1	3.531	3.531	0.000	20998547	1000.0	990.3	
1	3.956	3.956	0.000	20920014	1000.0	901.1	
1	4.094	4.094	0.000	24412162	1000.0	971.3	
1	4.444	4.444	0.000	26654555	1000.0	1185.4	

Average of Peak Amounts = 1013.2

2	2.344	2.344	0.000	13878784	1000.0	972.8	
2	2.716	2.716	0.000	27048583	1000.0	992.0	
2	2.930	2.930	0.000	18642364	1000.0	1007.6	
2	3.222	3.222	0.000	59167337	1000.0	994.7	
2	3.368	3.368	0.000	24812407	1000.0	1023.2	
2	3.436	3.436	0.000	15760951	1000.0	974.6	
2	3.833	3.833	0.000	25551284	1000.0	939.9	
2	4.271	4.271	0.000	15460684	1000.0	1085.9	

Average of Peak Amounts = 998.9

RPD = 1.42

8 PCB-1260

1	5.267	5.267	0.000	20350414	1000.0	899.0	
1	5.449	5.449	0.000	40597310	1000.0	926.6	
1	5.742	5.742	0.000	56995550	1000.0	959.3	
1	6.362	6.362	0.000	39657942	1000.0	908.2	
1	6.796	6.796	0.000	36028988	1000.0	906.2	
1	7.266	7.266	0.000	95473238	1000.0	899.6	
1	7.911	7.911	0.000	69094319	1000.0	918.8	
1	9.173	9.173	0.000	25917639	1000.0	917.6	

Average of Peak Amounts = 916.9

2	5.256	5.256	0.000	36806771	1000.0	958.2	
2	5.952	5.952	0.000	72238221	1000.0	1032.0	
2	6.119	6.119	0.000	31063115	1000.0	948.3	
2	6.468	6.468	0.000	33621021	1000.0	946.3	
2	6.965	6.965	0.000	86477537	1000.0	1078.7	
2	7.433	7.433	0.000	40542530	1000.0	927.6	
2	7.592	7.592	0.000	23057536	1000.0	1050.9	
2	8.658	8.658	0.000	19140751	1000.0	900.7	

Average of Peak Amounts = 980.3

RPD = 6.69

\$ 11 DCB Decachlorobiphenyl

1	10.060	10.060	0.000	83345021	100.0	97.6	
2	9.636	9.636	0.000	77814799	100.0	104.4	

RPD = 6.70

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155872.D

Injection Date: 28-Feb-2019 00:21:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

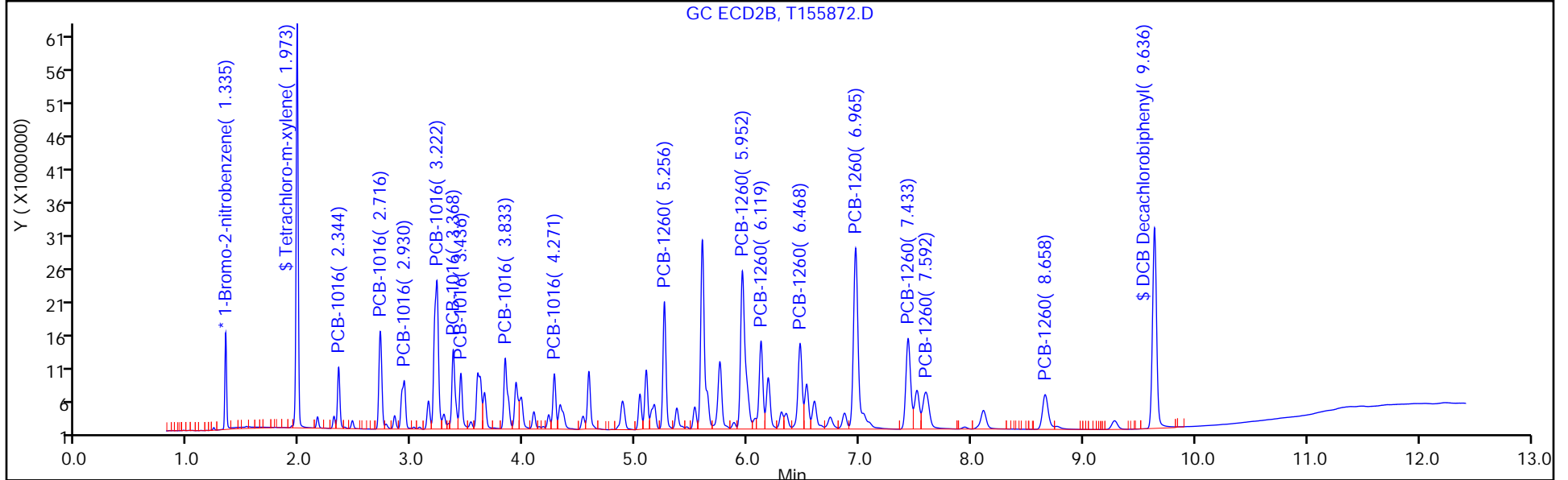
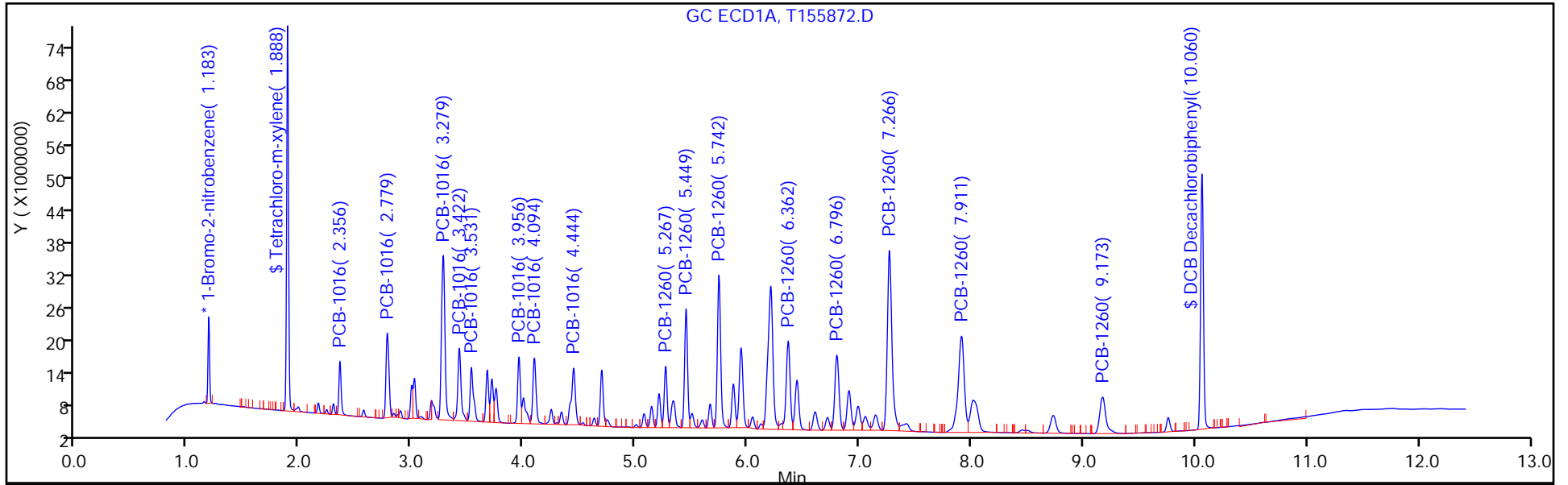
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 42

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592235/2 Calibration Date: 02/28/2019 00:21  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155872.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0179	0.0174		973	1000	-2.7	20.0
PCB-1016 Peak 2	Ave	0.0342	0.0339		992	1000	-0.8	20.0
PCB-1016 Peak 3	Ave	0.0232	0.0234		1010	1000	0.8	20.0
PCB-1016 Peak 4	Ave	0.0746	0.0742		995	1000	-0.5	20.0
PCB-1016 Peak 5	Ave	0.0304	0.0311		1020	1000	2.3	20.0
PCB-1016 Peak 6	Ave	0.0203	0.0198		975	1000	-2.5	20.0
PCB-1016 Peak 7	Ave	0.0341	0.0320		940	1000	-6.0	20.0
PCB-1016 Peak 8	Ave	0.0178	0.0194		1090	1000	8.6	20.0
PCB-1260 Peak 1	Ave	0.0481	0.0461		958	1000	-4.2	20.0
PCB-1260 Peak 2	Ave	0.0877	0.0906		1030	1000	3.2	20.0
PCB-1260 Peak 3	Ave	0.0411	0.0389		948	1000	-5.2	20.0
PCB-1260 Peak 4	Ave	0.0445	0.0421		946	1000	-5.4	20.0
PCB-1260 Peak 5	Ave	0.1005	0.1084		1080	1000	7.9	20.0
PCB-1260 Peak 6	Ave	0.0548	0.0508		928	1000	-7.2	20.0
PCB-1260 Peak 7	Ave	0.0275	0.0289		1050	1000	5.1	20.0
PCB-1260 Peak 8	Ave	0.0266	0.0240		901	1000	-9.9	20.0
Tetrachloro-m-xylene	Ave	0.9774	0.9871		101	100	1.0	20.0
DCB Decachlorobiphenyl	Ave	0.9345	0.9754		104	100	4.4	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592235/2 Calibration Date: 02/28/2019 00:21  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155872.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.31	2.37
PCB-1016 Peak 2	2.72	2.69	2.75
PCB-1016 Peak 3	2.93	2.90	2.96
PCB-1016 Peak 4	3.22	3.19	3.25
PCB-1016 Peak 5	3.37	3.34	3.40
PCB-1016 Peak 6	3.44	3.41	3.47
PCB-1016 Peak 7	3.83	3.80	3.86
PCB-1016 Peak 8	4.27	4.24	4.30
PCB-1260 Peak 1	5.26	5.23	5.29
PCB-1260 Peak 2	5.95	5.92	5.98
PCB-1260 Peak 3	6.12	6.09	6.15
PCB-1260 Peak 4	6.47	6.44	6.50
PCB-1260 Peak 5	6.97	6.94	7.00
PCB-1260 Peak 6	7.43	7.40	7.46
PCB-1260 Peak 7	7.59	7.56	7.62
PCB-1260 Peak 8	8.66	8.63	8.69
Tetrachloro-m-xylene	1.97	1.94	2.00
DCB Decachlorobiphenyl	9.64	9.54	9.74

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155872.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 28-Feb-2019 00:21:23 ALS Bottle#: 42 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub2  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:15 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: adoum Date: 27-Feb-2019 23:59:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.183	1.183	0.000	15937814	20.0	20.0	M
2	1.335	1.335	0.000	15955791	20.0	20.0	
						RPD = 0.00	
\$ 2 Tetrachloro-m-xylene							
1	1.888	1.888	0.000	84689007	100.0	104.6	
2	1.973	1.973	0.000	78746159	100.0	101.0	
						RPD = 3.50	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.356	2.356	0.000	13924967	1000.0	1009.4	
1	2.779	2.779	0.000	28842771	1000.0	1004.3	
1	3.279	3.279	0.000	66410763	1000.0	1015.3	
1	3.422	3.422	0.000	27258257	1000.0	1028.2	
1	3.531	3.531	0.000	20998547	1000.0	990.3	
1	3.956	3.956	0.000	20920014	1000.0	901.1	
1	4.094	4.094	0.000	24412162	1000.0	971.3	
1	4.444	4.444	0.000	26654555	1000.0	1185.4	

Average of Peak Amounts = 1013.2

2	2.344	2.344	0.000	13878784	1000.0	972.8	
2	2.716	2.716	0.000	27048583	1000.0	992.0	
2	2.930	2.930	0.000	18642364	1000.0	1007.6	
2	3.222	3.222	0.000	59167337	1000.0	994.7	
2	3.368	3.368	0.000	24812407	1000.0	1023.2	
2	3.436	3.436	0.000	15760951	1000.0	974.6	
2	3.833	3.833	0.000	25551284	1000.0	939.9	
2	4.271	4.271	0.000	15460684	1000.0	1085.9	

Average of Peak Amounts = 998.9

RPD = 1.42

8 PCB-1260

1	5.267	5.267	0.000	20350414	1000.0	899.0	
1	5.449	5.449	0.000	40597310	1000.0	926.6	
1	5.742	5.742	0.000	56995550	1000.0	959.3	
1	6.362	6.362	0.000	39657942	1000.0	908.2	
1	6.796	6.796	0.000	36028988	1000.0	906.2	
1	7.266	7.266	0.000	95473238	1000.0	899.6	
1	7.911	7.911	0.000	69094319	1000.0	918.8	
1	9.173	9.173	0.000	25917639	1000.0	917.6	

Average of Peak Amounts = 916.9

2	5.256	5.256	0.000	36806771	1000.0	958.2	
2	5.952	5.952	0.000	72238221	1000.0	1032.0	
2	6.119	6.119	0.000	31063115	1000.0	948.3	
2	6.468	6.468	0.000	33621021	1000.0	946.3	
2	6.965	6.965	0.000	86477537	1000.0	1078.7	
2	7.433	7.433	0.000	40542530	1000.0	927.6	
2	7.592	7.592	0.000	23057536	1000.0	1050.9	
2	8.658	8.658	0.000	19140751	1000.0	900.7	

Average of Peak Amounts = 980.3

RPD = 6.69

\$ 11 DCB Decachlorobiphenyl

1	10.060	10.060	0.000	83345021	100.0	97.6	
2	9.636	9.636	0.000	77814799	100.0	104.4	

RPD = 6.70

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155872.D

Injection Date: 28-Feb-2019 00:21:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

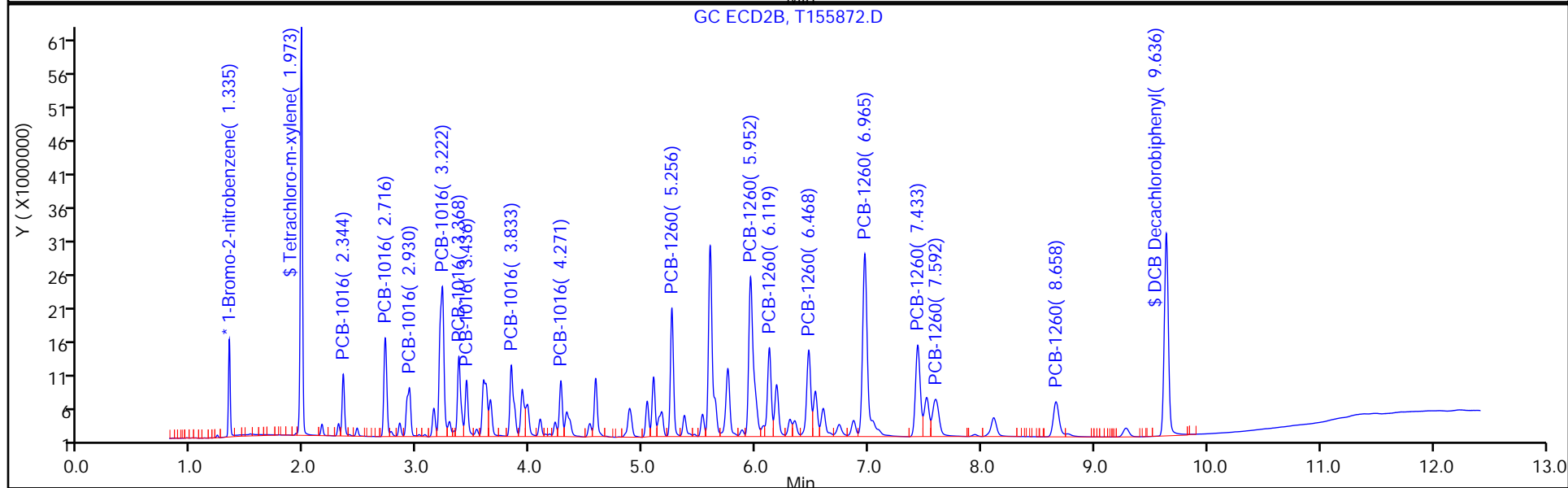
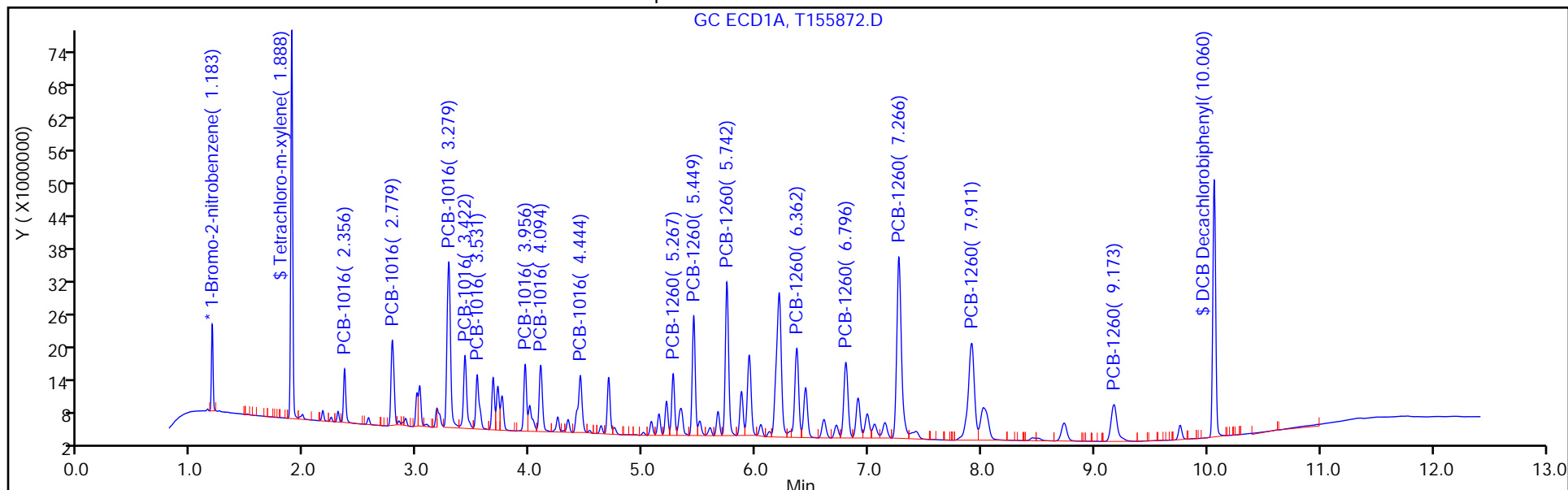
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 42

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/4 Calibration Date: 02/28/2019 00:55  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155874.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1.016	1.285		126	100	26.5*	20.0
DCB Decachlorobiphenyl	Ave	1.071	1.217		114	100	13.6	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/4 Calibration Date: 02/28/2019 00:55  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155874.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.89	1.86	1.92
DCB Decachlorobiphenyl	10.06	10.03	10.09

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155874.D  
 Lims ID: CCV AR1248  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 00:55:43 ALS Bottle#: 44 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:25 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:50:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.183	1.183	0.000	20720985	20.0	20.0	M
2	1.335	1.334	0.001	17300630	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.886	1.886	0.000	133163394	100.0	126.5	
2	1.973	1.973	0.000	120047730	100.0	142.0	
RPD = 11.54							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

6 PCB-1248							M
1	2.776	2.789	-0.013	18387156	1000.0	949.0	M
1	3.276	3.290	-0.014	53421816	1000.0	936.6	M
1	3.670	3.686	-0.016	32462087	1000.0	929.1	M
1	3.713	3.727	-0.014	25110305	1000.0	913.1	M
1	4.091	4.107	-0.016	46391285	1000.0	960.7	M
1	4.412	4.428	-0.016	46081197	1000.0	877.2	M
1	4.455	4.471	-0.016	51263546	1000.0	902.9	M
1	5.205	5.224	-0.019	29171672	1000.0	978.3	M
Average of Peak Amounts =						930.9	
2	2.716	2.719	-0.003	17158311	1000.0	1153.3	M
2	3.221	3.224	-0.003	44612020	1000.0	1113.2	M
2	3.589	3.593	-0.004	47245381	1000.0	1138.7	M
2	3.930	3.933	-0.003	27998701	1000.0	1145.3	M
2	4.324	4.329	-0.005	71748833	1000.0	1044.4	M
2	4.577	4.582	-0.005	33102999	1000.0	1121.9	M
2	5.037	5.041	-0.004	22934067	1000.0	1154.7	M
2	5.697	5.701	-0.004	15476499	1000.0	1167.4	M
Average of Peak Amounts =						1129.9	
						RPD = 19.31	

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	126125254	100.0	113.6	
2	9.638	9.633	0.005	120600301	100.0	149.2	
						RPD = 27.07	

S 12 Polychlorinated biphenyls, Total

1						930.9	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1248L4_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155874.D

Injection Date: 28-Feb-2019 00:55:43

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV AR1248

Worklist Smp#: 4

Client ID:

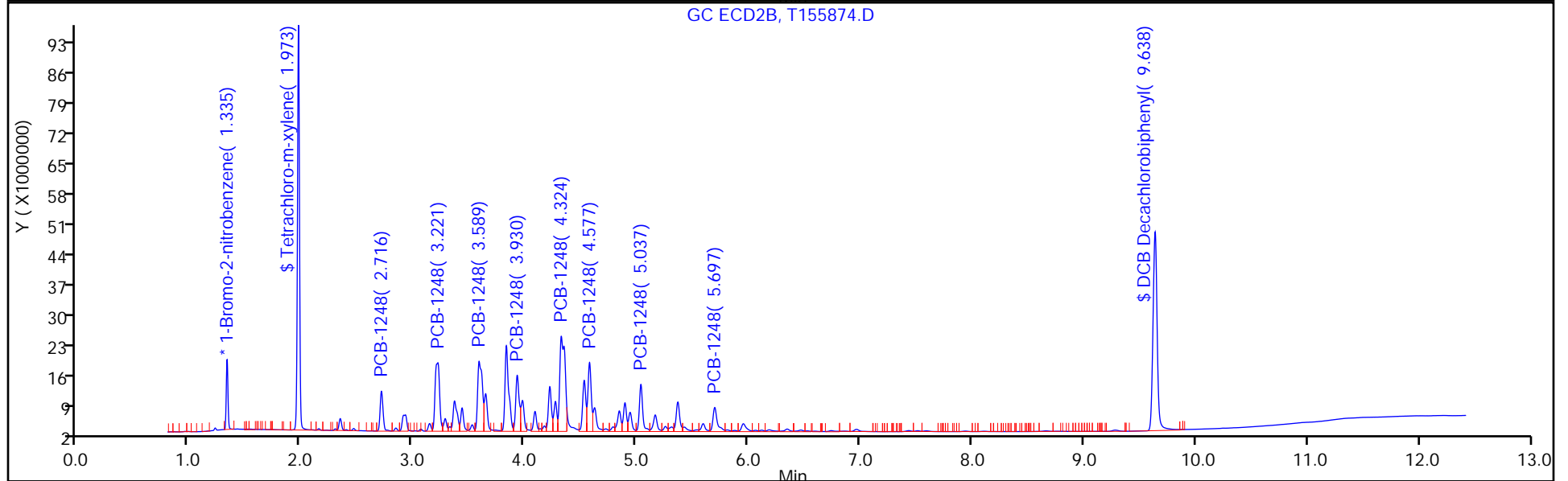
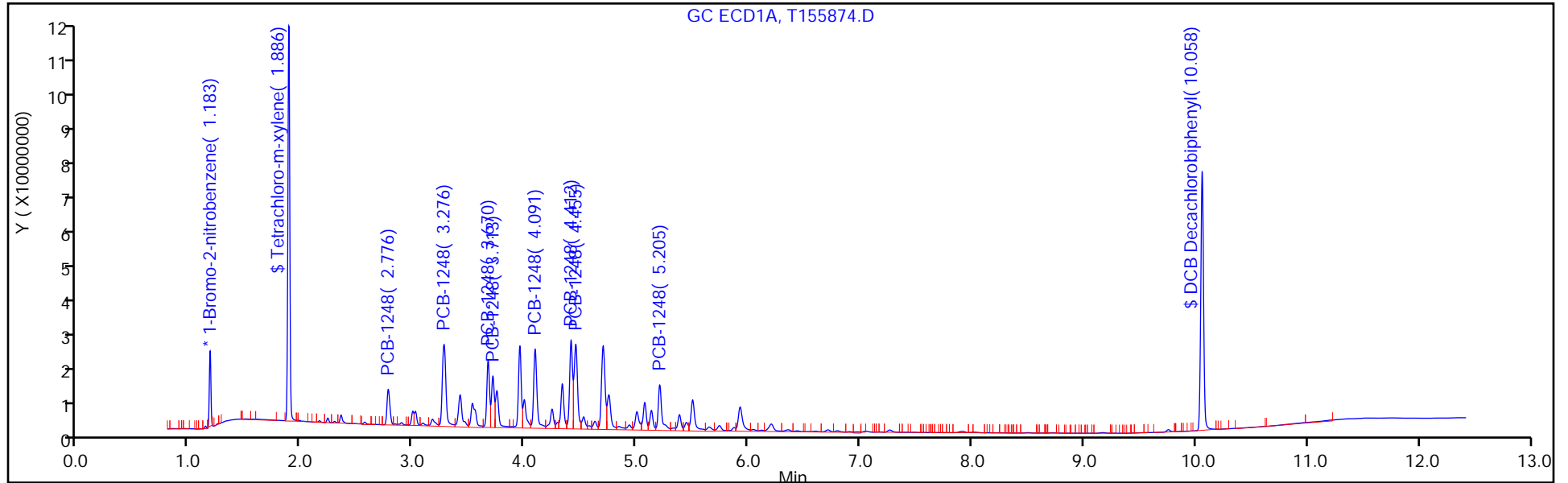
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 44

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/4 Calibration Date: 02/28/2019 00:55  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 21:02  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 21:02  
 Lab File ID: T155874.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0187	0.0178		949	1000	-5.1	20.0
PCB-1248 Peak 2	Ave	0.0551	0.0516		937	1000	-6.3	20.0
PCB-1248 Peak 3	Ave	0.0337	0.0313		929	1000	-7.1	20.0
PCB-1248 Peak 4	Ave	0.0265	0.0242		913	1000	-8.7	20.0
PCB-1248 Peak 5	Ave	0.0466	0.0448		961	1000	-3.9	20.0
PCB-1248 Peak 6	Ave	0.0507	0.0445		877	1000	-12.3	20.0
PCB-1248 Peak 7	Ave	0.0548	0.0495		903	1000	-9.7	20.0
PCB-1248 Peak 8	Ave	0.0288	0.0282		978	1000	-2.2	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/4 Calibration Date: 02/28/2019 00:55  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 21:02  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 21:02  
 Lab File ID: T155874.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.78	2.76	2.82
PCB-1248 Peak 2	3.28	3.26	3.32
PCB-1248 Peak 3	3.67	3.66	3.72
PCB-1248 Peak 4	3.71	3.70	3.76
PCB-1248 Peak 5	4.09	4.08	4.14
PCB-1248 Peak 6	4.41	4.40	4.46
PCB-1248 Peak 7	4.46	4.44	4.50
PCB-1248 Peak 8	5.21	5.19	5.25

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155874.D  
 Lims ID: CCV AR1248  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 00:55:43 ALS Bottle#: 44 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:25 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:50:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.183	1.183	0.000	20720985	20.0	20.0	M
2	1.335	1.334	0.001	17300630	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.886	1.886	0.000	133163394	100.0	126.5	
2	1.973	1.973	0.000	120047730	100.0	142.0	
RPD = 11.54							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

6 PCB-1248							M
1	2.776	2.789	-0.013	18387156	1000.0	949.0	M
1	3.276	3.290	-0.014	53421816	1000.0	936.6	M
1	3.670	3.686	-0.016	32462087	1000.0	929.1	M
1	3.713	3.727	-0.014	25110305	1000.0	913.1	M
1	4.091	4.107	-0.016	46391285	1000.0	960.7	M
1	4.412	4.428	-0.016	46081197	1000.0	877.2	M
1	4.455	4.471	-0.016	51263546	1000.0	902.9	M
1	5.205	5.224	-0.019	29171672	1000.0	978.3	M
Average of Peak Amounts =						930.9	
2	2.716	2.719	-0.003	17158311	1000.0	1153.3	M
2	3.221	3.224	-0.003	44612020	1000.0	1113.2	M
2	3.589	3.593	-0.004	47245381	1000.0	1138.7	M
2	3.930	3.933	-0.003	27998701	1000.0	1145.3	M
2	4.324	4.329	-0.005	71748833	1000.0	1044.4	M
2	4.577	4.582	-0.005	33102999	1000.0	1121.9	M
2	5.037	5.041	-0.004	22934067	1000.0	1154.7	M
2	5.697	5.701	-0.004	15476499	1000.0	1167.4	M
Average of Peak Amounts =						1129.9	
						RPD = 19.31	

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	126125254	100.0	113.6	
2	9.638	9.633	0.005	120600301	100.0	149.2	
						RPD = 27.07	

S 12 Polychlorinated biphenyls, Total

1						930.9	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1248L4_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155874.D

Injection Date: 28-Feb-2019 00:55:43

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV AR1248

Worklist Smp#: 4

Client ID:

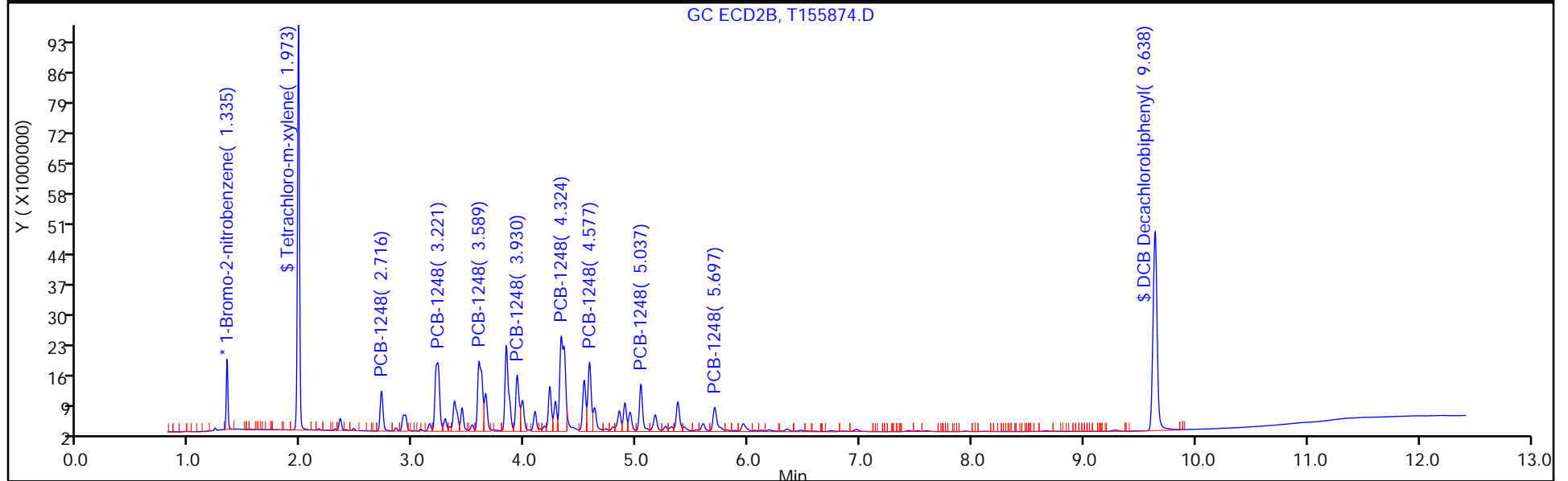
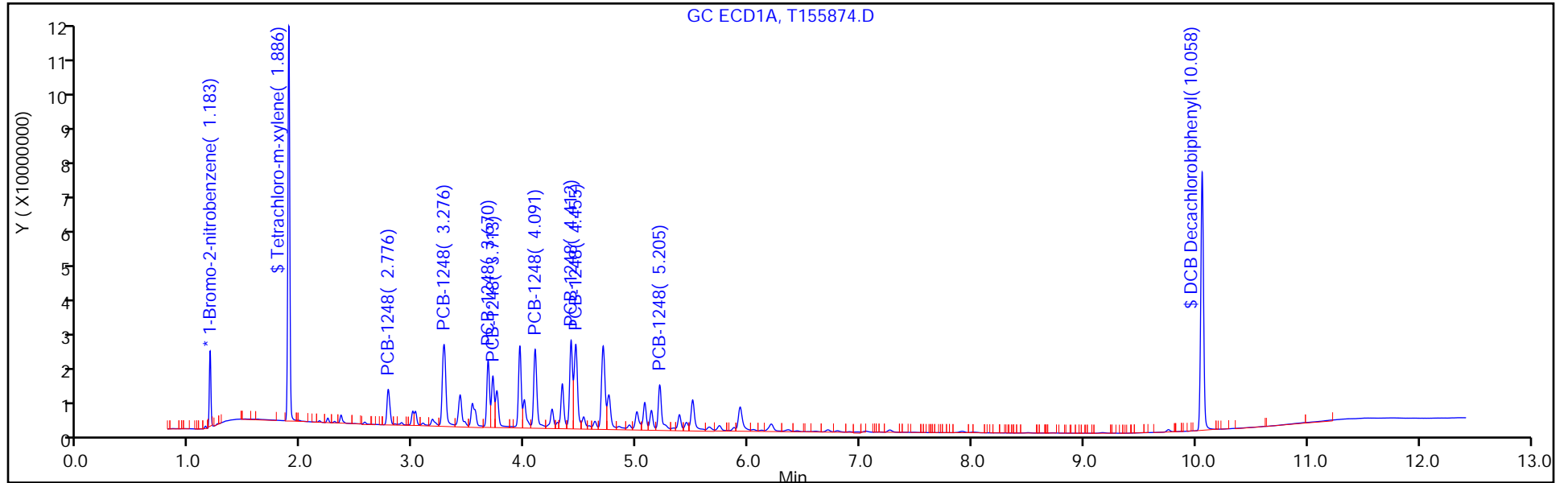
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 44

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/4 Calibration Date: 02/28/2019 00:55  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155874.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9774	1.388		142	100	42.0*	20.0
DCB Decachlorobiphenyl	Ave	0.9345	1.394		149	100	49.2*	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/4 Calibration Date: 02/28/2019 00:55  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155874.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.97	1.94	2.00
DCB Decachlorobiphenyl	9.64	9.53	9.73

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155874.D  
 Lims ID: CCV AR1248  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 00:55:43 ALS Bottle#: 44 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:25 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:50:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.183	1.183	0.000	20720985	20.0	20.0	M
2	1.335	1.334	0.001	17300630	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.886	1.886	0.000	133163394	100.0	126.5	
2	1.973	1.973	0.000	120047730	100.0	142.0	
RPD = 11.54							



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

6 PCB-1248							M
1	2.776	2.789	-0.013	18387156	1000.0	949.0	M
1	3.276	3.290	-0.014	53421816	1000.0	936.6	M
1	3.670	3.686	-0.016	32462087	1000.0	929.1	M
1	3.713	3.727	-0.014	25110305	1000.0	913.1	M
1	4.091	4.107	-0.016	46391285	1000.0	960.7	M
1	4.412	4.428	-0.016	46081197	1000.0	877.2	M
1	4.455	4.471	-0.016	51263546	1000.0	902.9	M
1	5.205	5.224	-0.019	29171672	1000.0	978.3	M
Average of Peak Amounts =						930.9	
2	2.716	2.719	-0.003	17158311	1000.0	1153.3	M
2	3.221	3.224	-0.003	44612020	1000.0	1113.2	M
2	3.589	3.593	-0.004	47245381	1000.0	1138.7	M
2	3.930	3.933	-0.003	27998701	1000.0	1145.3	M
2	4.324	4.329	-0.005	71748833	1000.0	1044.4	M
2	4.577	4.582	-0.005	33102999	1000.0	1121.9	M
2	5.037	5.041	-0.004	22934067	1000.0	1154.7	M
2	5.697	5.701	-0.004	15476499	1000.0	1167.4	M
Average of Peak Amounts =						1129.9	
						RPD = 19.31	

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	126125254	100.0	113.6	
2	9.638	9.633	0.005	120600301	100.0	149.2	
						RPD = 27.07	

S 12 Polychlorinated biphenyls, Total

1						930.9	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1248L4_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155874.D

Injection Date: 28-Feb-2019 00:55:43

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV AR1248

Worklist Smp#: 4

Client ID:

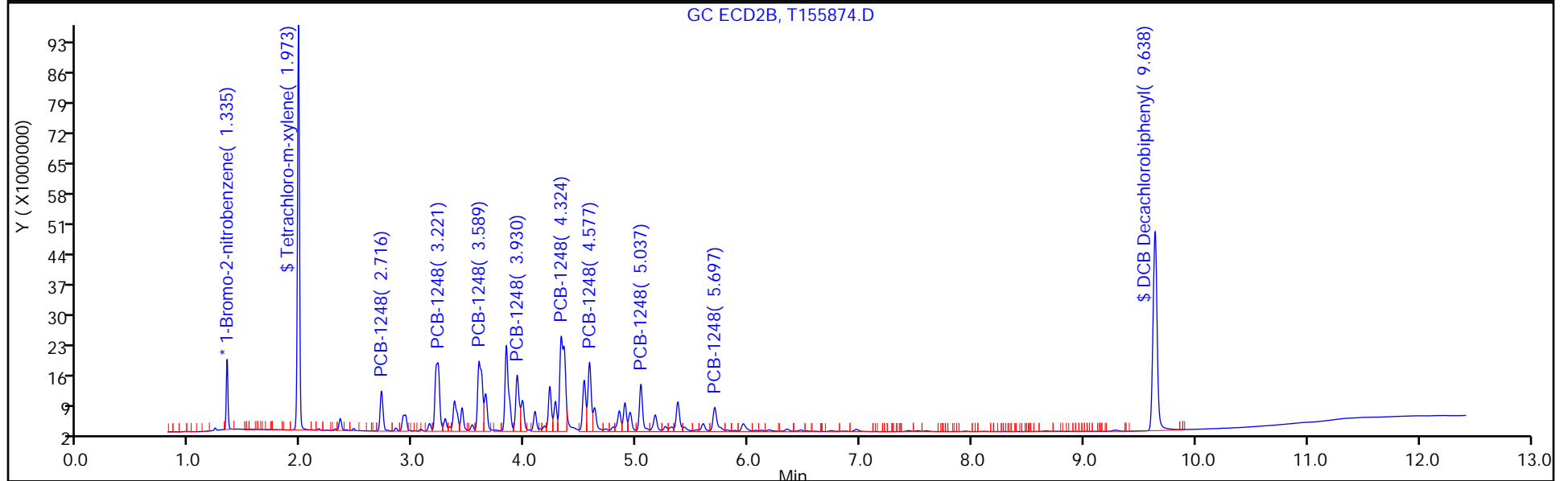
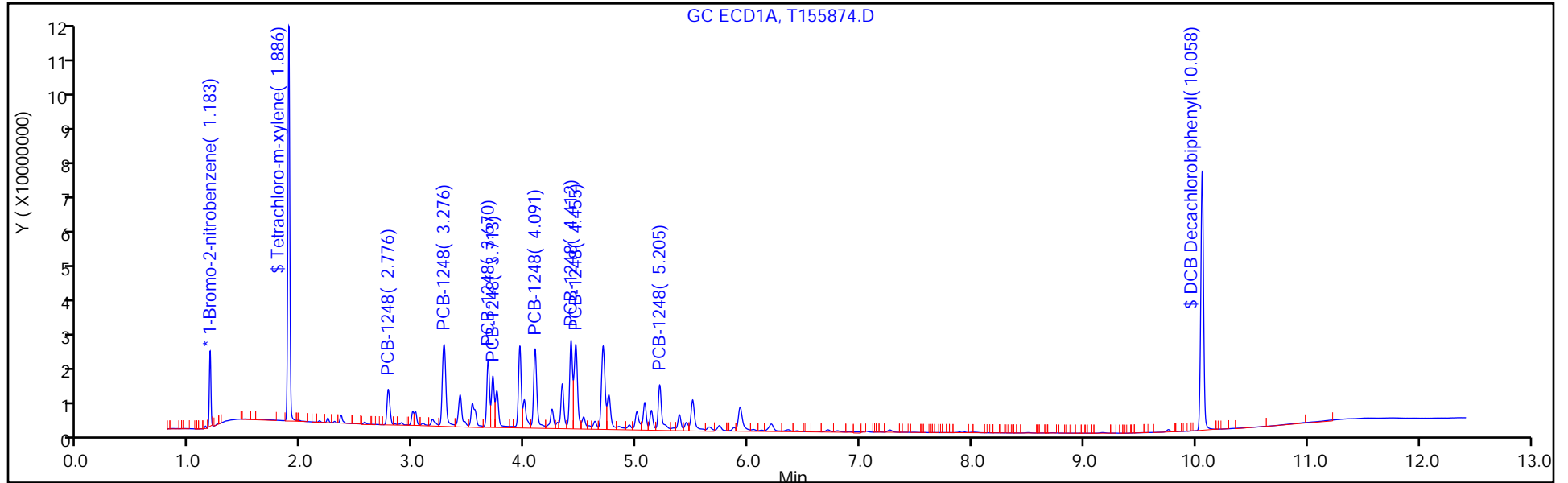
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 44

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/4 Calibration Date: 02/28/2019 00:55  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 21:02  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 21:02  
 Lab File ID: T155874.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0172	0.0198		1150	1000	15.3	20.0
PCB-1248 Peak 2	Ave	0.0463	0.0516		1110	1000	11.3	20.0
PCB-1248 Peak 3	Ave	0.0480	0.0546		1140	1000	13.9	20.0
PCB-1248 Peak 4	Ave	0.0283	0.0324		1150	1000	14.5	20.0
PCB-1248 Peak 5	Ave	0.0794	0.0829		1040	1000	4.4	20.0
PCB-1248 Peak 6	Ave	0.0341	0.0383		1120	1000	12.2	20.0
PCB-1248 Peak 7	Ave	0.0230	0.0265		1150	1000	15.5	20.0
PCB-1248 Peak 8	Ave	0.0153	0.0179		1170	1000	16.7	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/4 Calibration Date: 02/28/2019 00:55  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 21:02  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 21:02  
 Lab File ID: T155874.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.72	2.69	2.75
PCB-1248 Peak 2	3.22	3.19	3.25
PCB-1248 Peak 3	3.59	3.56	3.62
PCB-1248 Peak 4	3.93	3.90	3.96
PCB-1248 Peak 5	4.32	4.30	4.36
PCB-1248 Peak 6	4.58	4.55	4.61
PCB-1248 Peak 7	5.04	5.01	5.07
PCB-1248 Peak 8	5.70	5.67	5.73

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155874.D  
 Lims ID: CCV AR1248  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 00:55:43 ALS Bottle#: 44 Worklist Smp#: 4  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub6  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:25 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:50:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.183	1.183	0.000	20720985	20.0	20.0	M
2	1.335	1.334	0.001	17300630	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.886	1.886	0.000	133163394	100.0	126.5	
2	1.973	1.973	0.000	120047730	100.0	142.0	
RPD = 11.54							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

6 PCB-1248							M
1	2.776	2.789	-0.013	18387156	1000.0	949.0	M
1	3.276	3.290	-0.014	53421816	1000.0	936.6	M
1	3.670	3.686	-0.016	32462087	1000.0	929.1	M
1	3.713	3.727	-0.014	25110305	1000.0	913.1	M
1	4.091	4.107	-0.016	46391285	1000.0	960.7	M
1	4.412	4.428	-0.016	46081197	1000.0	877.2	M
1	4.455	4.471	-0.016	51263546	1000.0	902.9	M
1	5.205	5.224	-0.019	29171672	1000.0	978.3	M
Average of Peak Amounts =						930.9	
2	2.716	2.719	-0.003	17158311	1000.0	1153.3	M
2	3.221	3.224	-0.003	44612020	1000.0	1113.2	M
2	3.589	3.593	-0.004	47245381	1000.0	1138.7	M
2	3.930	3.933	-0.003	27998701	1000.0	1145.3	M
2	4.324	4.329	-0.005	71748833	1000.0	1044.4	M
2	4.577	4.582	-0.005	33102999	1000.0	1121.9	M
2	5.037	5.041	-0.004	22934067	1000.0	1154.7	M
2	5.697	5.701	-0.004	15476499	1000.0	1167.4	M
Average of Peak Amounts =						1129.9	
						RPD = 19.31	

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	126125254	100.0	113.6	
2	9.638	9.633	0.005	120600301	100.0	149.2	
						RPD = 27.07	

S 12 Polychlorinated biphenyls, Total

1						930.9	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1248L4_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155874.D

Injection Date: 28-Feb-2019 00:55:43

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV AR1248

Worklist Smp#: 4

Client ID:

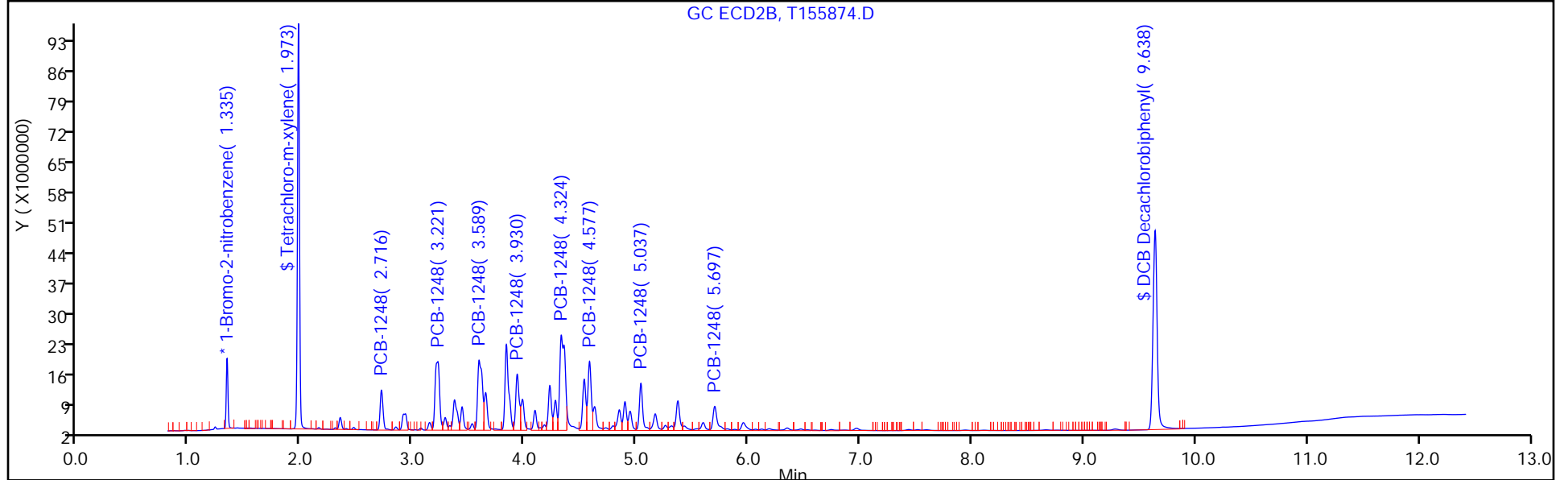
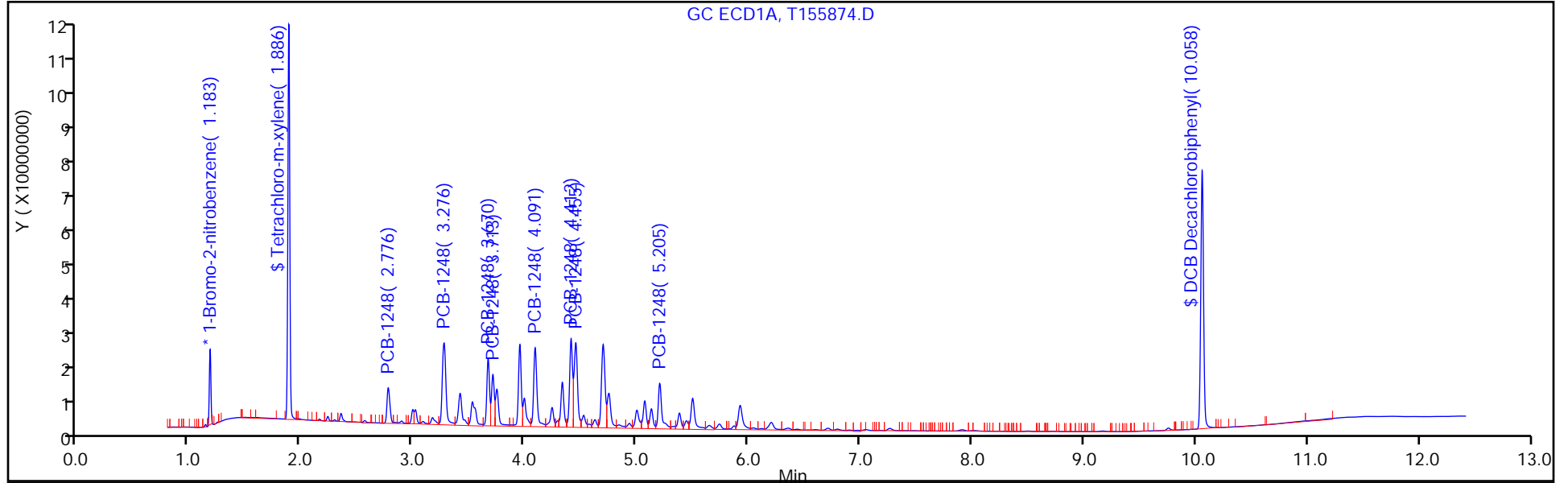
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 44

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/32 Calibration Date: 02/28/2019 08:56  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155902.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1.016	1.144		113	100	12.6	20.0
DCB Decachlorobiphenyl	Ave	1.071	1.127		105	100	5.2	20.0



FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/32 Calibration Date: 02/28/2019 08:56  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155902.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.89	1.86	1.92
DCB Decachlorobiphenyl	10.06	10.04	10.10

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155902.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 08:56:37 ALS Bottle#: 72 Worklist Smp#: 32  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-032  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:43:30 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 09:04:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.184	1.182	0.002	17140641	20.0	20.0	M
2	1.335	1.335	0.000	16408081	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.888	1.890	-0.002	98041407	100.0	112.6	
2	1.974	1.971	0.003	89680776	100.0	111.8	
RPD = 0.66							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	2.356	2.353	0.003	14053171	1000.0	1090.7	
1	2.779	2.777	0.002	29089858	1000.0	1083.7	
1	3.278	3.277	0.001	66597979	1000.0	1092.0	
1	3.423	3.421	0.002	27468108	1000.0	1150.2	
1	3.531	3.528	0.003	20909102	1000.0	1140.3	
1	4.093	4.090	0.003	24911932	1000.0	1086.0	
1	4.414	4.411	0.003	20591197	1000.0	988.4	
1	4.457	4.456	0.001	23990878	1000.0	1035.2	
Average of Peak Amounts =						1083.3	
2	2.345	2.344	0.001	13370263	1000.0	1061.4	
2	2.717	2.716	0.001	26041775	1000.0	1093.0	
2	2.931	2.929	0.002	17388221	1000.0	1082.8	
2	3.222	3.221	0.001	56514388	1000.0	1073.8	
2	3.370	3.368	0.002	23219184	1000.0	1078.2	
2	3.835	3.833	0.002	24354223	1000.0	1060.5	
2	4.352	4.323	0.029	36664098	1000.0	1056.5	M
2	4.579	4.576	0.003	14648694	1000.0	1097.7	
Average of Peak Amounts =						1075.5	
						RPD = 0.72	
\$ 11 DCB Decachlorobiphenyl							M
1	10.062	10.068	-0.006	96615476	100.0	105.2	
2	9.637	9.642	-0.005	87851807	100.0	114.6	M
						RPD = 8.53	

S 12 Polychlorinated biphenyls, Total

1						1083.3	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent
SG1242L4_00026	Amount Added: 1.00	Units: ml	

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155902.D

Injection Date: 28-Feb-2019 08:56:37

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 32

Client ID:

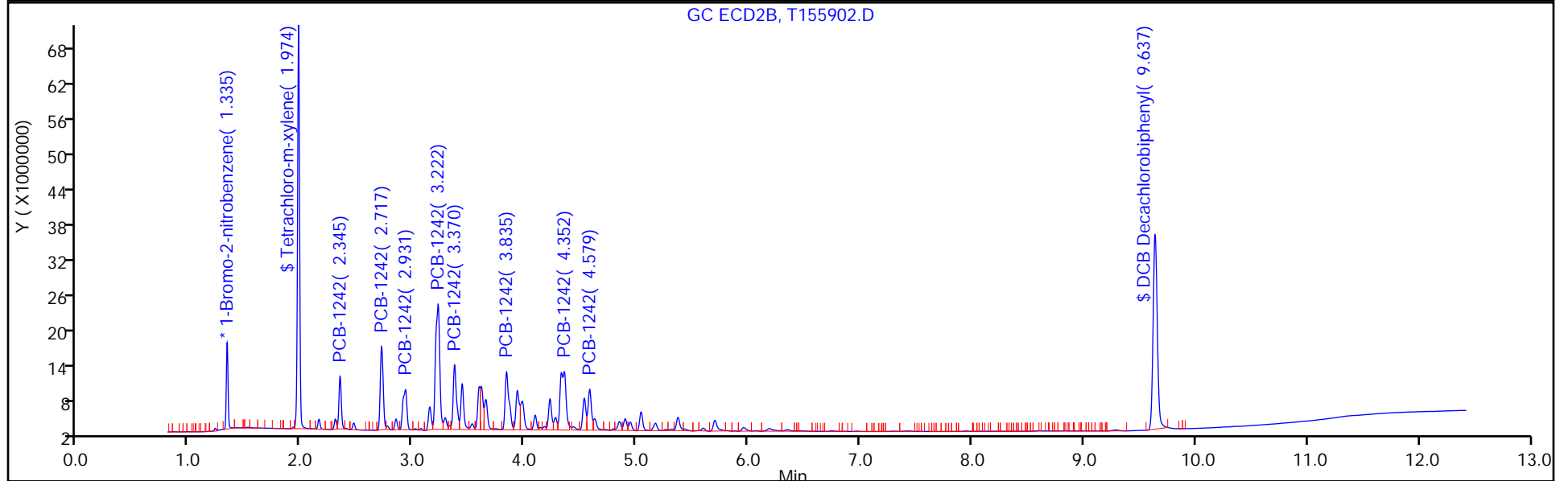
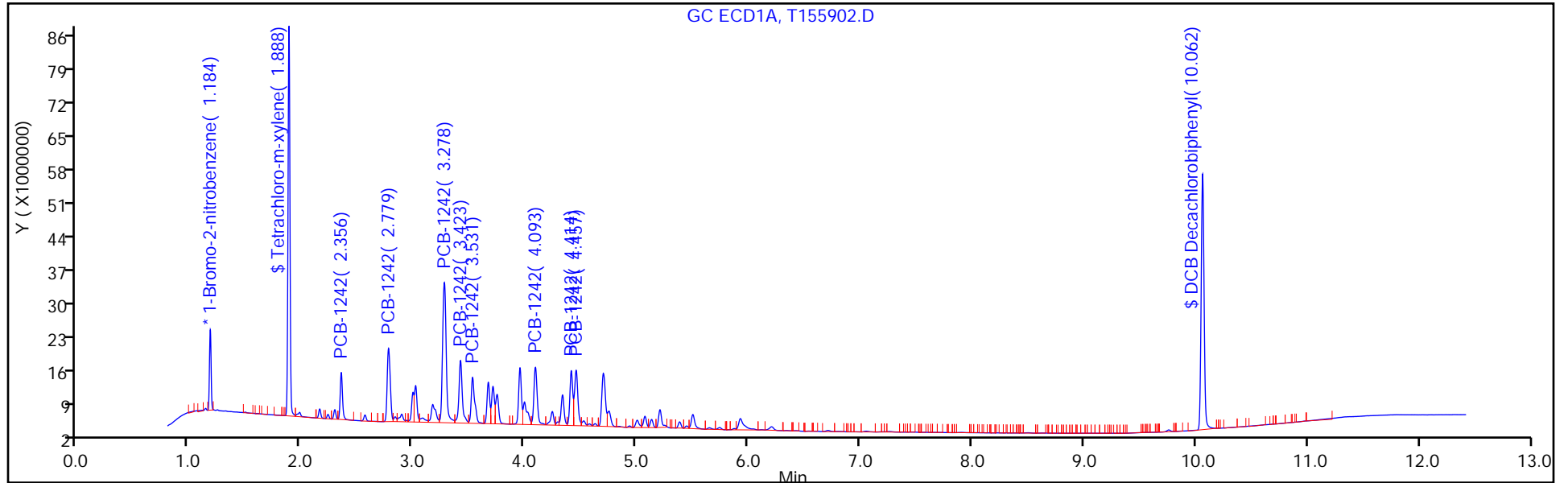
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 72

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/32 Calibration Date: 02/28/2019 08:56  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 20:45  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 20:45  
 Lab File ID: T155902.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0150	0.0164		1090	1000	9.1	20.0
PCB-1242 Peak 2	Ave	0.0313	0.0339		1080	1000	8.4	20.0
PCB-1242 Peak 3	Ave	0.0712	0.0777		1090	1000	9.2	20.0
PCB-1242 Peak 4	Ave	0.0279	0.0321		1150	1000	15.0	20.0
PCB-1242 Peak 5	Ave	0.0214	0.0244		1140	1000	14.0	20.0
PCB-1242 Peak 6	Ave	0.0268	0.0291		1090	1000	8.6	20.0
PCB-1242 Peak 7	Ave	0.0243	0.0240		988	1000	-1.2	20.0
PCB-1242 Peak 8	Ave	0.0270	0.0280		1040	1000	3.5	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/32 Calibration Date: 02/28/2019 08:56  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 20:45  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/04/2019 20:45  
 Lab File ID: T155902.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.36	2.32	2.38
PCB-1242 Peak 2	2.78	2.75	2.81
PCB-1242 Peak 3	3.28	3.25	3.31
PCB-1242 Peak 4	3.42	3.39	3.45
PCB-1242 Peak 5	3.53	3.50	3.56
PCB-1242 Peak 6	4.09	4.06	4.12
PCB-1242 Peak 7	4.41	4.38	4.44
PCB-1242 Peak 8	4.46	4.43	4.49

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155902.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 08:56:37 ALS Bottle#: 72 Worklist Smp#: 32  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-032  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:43:30 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 09:04:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.184	1.182	0.002	17140641	20.0	20.0	M
2	1.335	1.335	0.000	16408081	20.0	20.0	M
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	1.888	1.890	-0.002	98041407	100.0	112.6	
2	1.974	1.971	0.003	89680776	100.0	111.8	
							RPD = 0.66

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	2.356	2.353	0.003	14053171	1000.0	1090.7	
1	2.779	2.777	0.002	29089858	1000.0	1083.7	
1	3.278	3.277	0.001	66597979	1000.0	1092.0	
1	3.423	3.421	0.002	27468108	1000.0	1150.2	
1	3.531	3.528	0.003	20909102	1000.0	1140.3	
1	4.093	4.090	0.003	24911932	1000.0	1086.0	
1	4.414	4.411	0.003	20591197	1000.0	988.4	
1	4.457	4.456	0.001	23990878	1000.0	1035.2	
Average of Peak Amounts =						1083.3	
2	2.345	2.344	0.001	13370263	1000.0	1061.4	
2	2.717	2.716	0.001	26041775	1000.0	1093.0	
2	2.931	2.929	0.002	17388221	1000.0	1082.8	
2	3.222	3.221	0.001	56514388	1000.0	1073.8	
2	3.370	3.368	0.002	23219184	1000.0	1078.2	
2	3.835	3.833	0.002	24354223	1000.0	1060.5	
2	4.352	4.323	0.029	36664098	1000.0	1056.5	M
2	4.579	4.576	0.003	14648694	1000.0	1097.7	
Average of Peak Amounts =						1075.5	
						RPD = 0.72	
\$ 11 DCB Decachlorobiphenyl							M
1	10.062	10.068	-0.006	96615476	100.0	105.2	
2	9.637	9.642	-0.005	87851807	100.0	114.6	M
						RPD = 8.53	

S 12 Polychlorinated biphenyls, Total

1						1083.3	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent
SG1242L4_00026	Amount Added: 1.00	Units: ml	



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155902.D

Injection Date: 28-Feb-2019 08:56:37

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 32

Client ID:

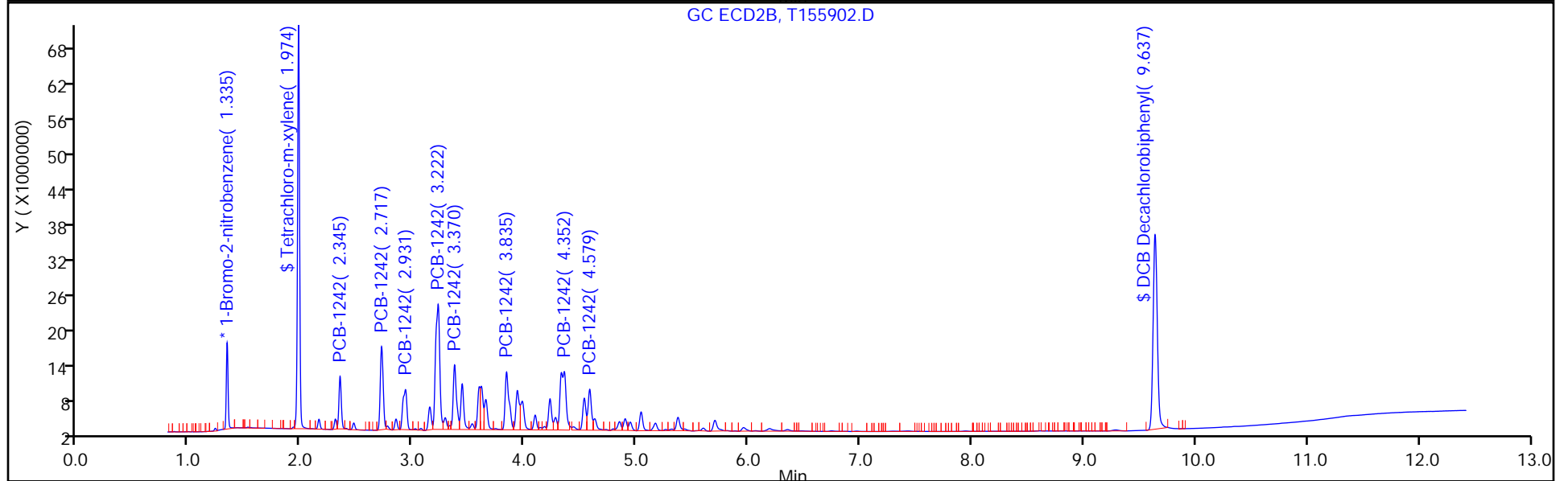
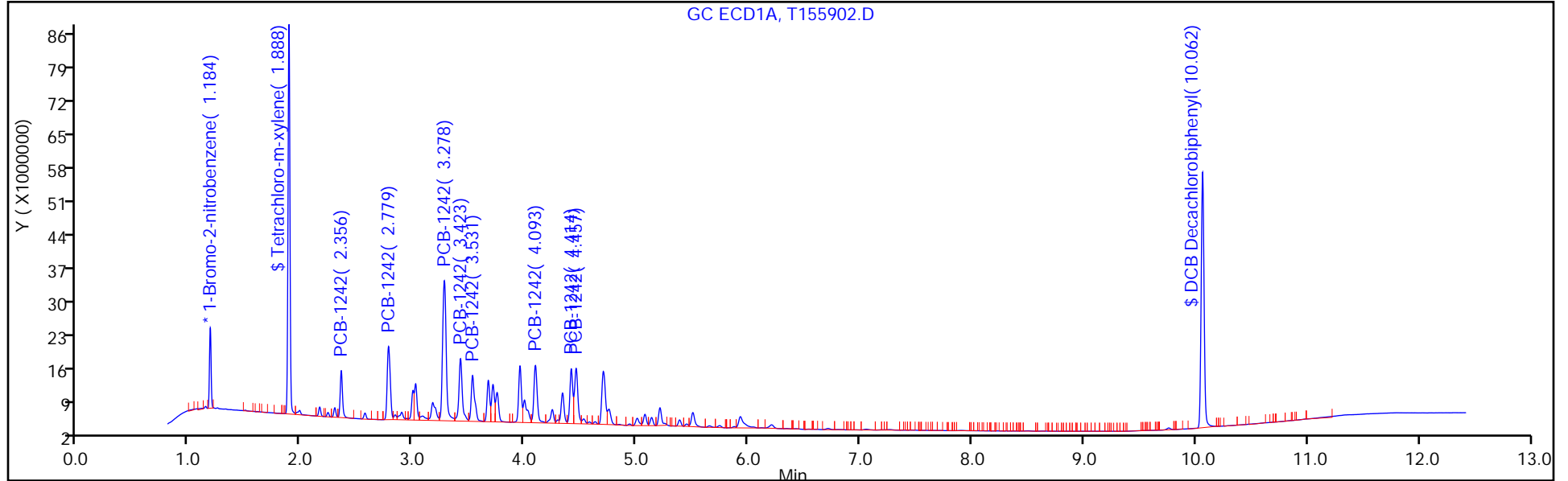
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 72

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/32 Calibration Date: 02/28/2019 08:56  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155902.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9774	1.093		112	100	11.8	20.0
DCB Decachlorobiphenyl	Ave	0.9345	1.071		115	100	14.6	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/32 Calibration Date: 02/28/2019 08:56  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 18:27  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 19:36  
 Lab File ID: T155902.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.97	1.94	2.00
DCB Decachlorobiphenyl	9.64	9.54	9.74

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155902.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 08:56:37 ALS Bottle#: 72 Worklist Smp#: 32  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-032  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:43:30 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 09:04:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.184	1.182	0.002	17140641	20.0	20.0	M
2	1.335	1.335	0.000	16408081	20.0	20.0	M
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	1.888	1.890	-0.002	98041407	100.0	112.6	
2	1.974	1.971	0.003	89680776	100.0	111.8	
							RPD = 0.66

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	2.356	2.353	0.003	14053171	1000.0	1090.7	
1	2.779	2.777	0.002	29089858	1000.0	1083.7	
1	3.278	3.277	0.001	66597979	1000.0	1092.0	
1	3.423	3.421	0.002	27468108	1000.0	1150.2	
1	3.531	3.528	0.003	20909102	1000.0	1140.3	
1	4.093	4.090	0.003	24911932	1000.0	1086.0	
1	4.414	4.411	0.003	20591197	1000.0	988.4	
1	4.457	4.456	0.001	23990878	1000.0	1035.2	
Average of Peak Amounts =						1083.3	
2	2.345	2.344	0.001	13370263	1000.0	1061.4	
2	2.717	2.716	0.001	26041775	1000.0	1093.0	
2	2.931	2.929	0.002	17388221	1000.0	1082.8	
2	3.222	3.221	0.001	56514388	1000.0	1073.8	
2	3.370	3.368	0.002	23219184	1000.0	1078.2	
2	3.835	3.833	0.002	24354223	1000.0	1060.5	
2	4.352	4.323	0.029	36664098	1000.0	1056.5	M
2	4.579	4.576	0.003	14648694	1000.0	1097.7	
Average of Peak Amounts =						1075.5	
						RPD = 0.72	
\$ 11 DCB Decachlorobiphenyl							M
1	10.062	10.068	-0.006	96615476	100.0	105.2	
2	9.637	9.642	-0.005	87851807	100.0	114.6	M
						RPD = 8.53	

S 12 Polychlorinated biphenyls, Total

1						1083.3	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent
SG1242L4_00026	Amount Added: 1.00	Units: ml	

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155902.D

Injection Date: 28-Feb-2019 08:56:37

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 32

Client ID:

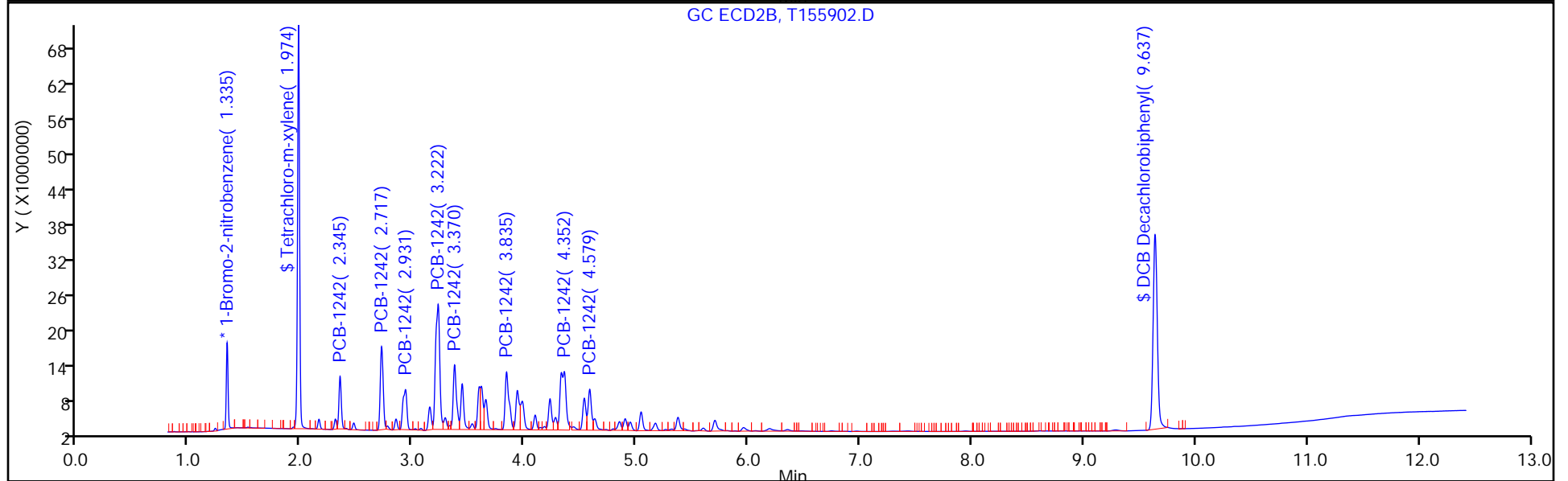
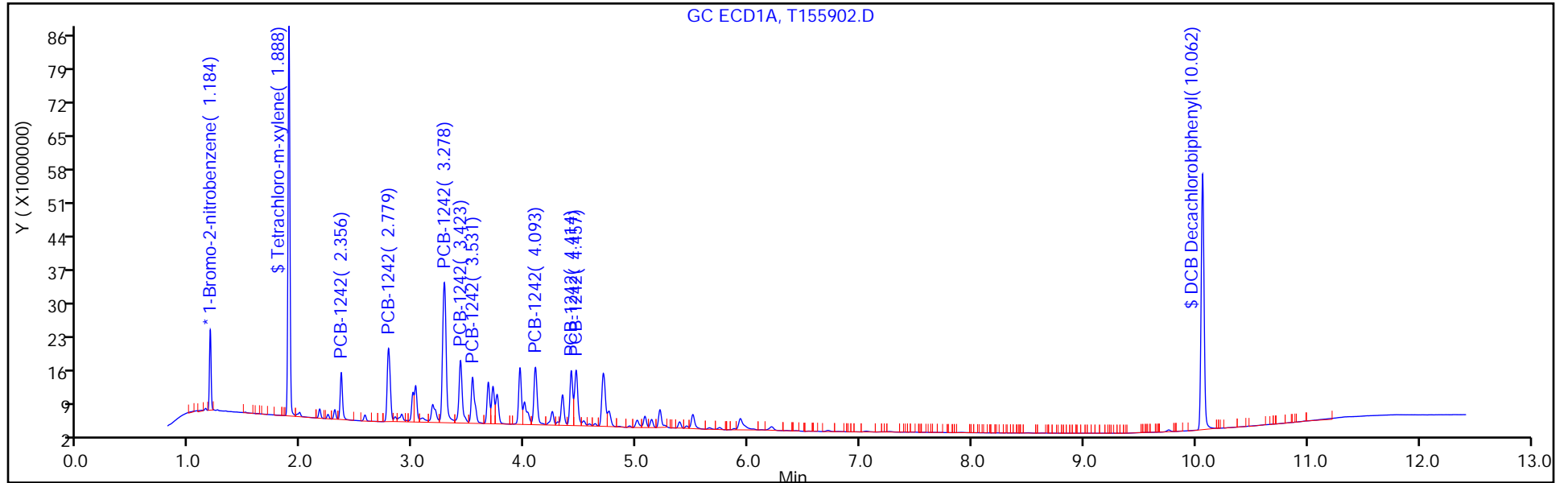
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 72

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/32 Calibration Date: 02/28/2019 08:56  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 20:45  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 20:45  
 Lab File ID: T155902.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0154	0.0163		1060	1000	6.1	20.0
PCB-1242 Peak 2	Ave	0.0290	0.0317		1090	1000	9.3	20.0
PCB-1242 Peak 3	Ave	0.0196	0.0212		1080	1000	8.3	20.0
PCB-1242 Peak 4	Ave	0.0641	0.0689		1070	1000	7.4	20.0
PCB-1242 Peak 5	Ave	0.0262	0.0283		1080	1000	7.8	20.0
PCB-1242 Peak 6	Ave	0.0280	0.0297		1060	1000	6.1	20.0
PCB-1242 Peak 7	Ave	0.0423	0.0447		1060	1000	5.6	20.0
PCB-1242 Peak 8	Ave	0.0163	0.0179		1100	1000	9.8	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592235/32 Calibration Date: 02/28/2019 08:56  
 Instrument ID: CPESTGC11 Calib Start Date: 02/04/2019 20:45  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/04/2019 20:45  
 Lab File ID: T155902.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.35	2.31	2.37
PCB-1242 Peak 2	2.72	2.69	2.75
PCB-1242 Peak 3	2.93	2.90	2.96
PCB-1242 Peak 4	3.22	3.19	3.25
PCB-1242 Peak 5	3.37	3.34	3.40
PCB-1242 Peak 6	3.84	3.80	3.86
PCB-1242 Peak 7	4.35	4.29	4.35
PCB-1242 Peak 8	4.58	4.55	4.61



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155902.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 08:56:37 ALS Bottle#: 72 Worklist Smp#: 32  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-032  
 Operator ID: Instrument ID: CPESTGC11  
 Sublist: chrom-8082 ISTD\*sub5  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 15:43:30 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 09:04:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.184	1.182	0.002	17140641	20.0	20.0	M
2	1.335	1.335	0.000	16408081	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.888	1.890	-0.002	98041407	100.0	112.6	
2	1.974	1.971	0.003	89680776	100.0	111.8	
RPD = 0.66							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	2.356	2.353	0.003	14053171	1000.0	1090.7	
1	2.779	2.777	0.002	29089858	1000.0	1083.7	
1	3.278	3.277	0.001	66597979	1000.0	1092.0	
1	3.423	3.421	0.002	27468108	1000.0	1150.2	
1	3.531	3.528	0.003	20909102	1000.0	1140.3	
1	4.093	4.090	0.003	24911932	1000.0	1086.0	
1	4.414	4.411	0.003	20591197	1000.0	988.4	
1	4.457	4.456	0.001	23990878	1000.0	1035.2	
Average of Peak Amounts =						1083.3	
2	2.345	2.344	0.001	13370263	1000.0	1061.4	
2	2.717	2.716	0.001	26041775	1000.0	1093.0	
2	2.931	2.929	0.002	17388221	1000.0	1082.8	
2	3.222	3.221	0.001	56514388	1000.0	1073.8	
2	3.370	3.368	0.002	23219184	1000.0	1078.2	
2	3.835	3.833	0.002	24354223	1000.0	1060.5	
2	4.352	4.323	0.029	36664098	1000.0	1056.5	M
2	4.579	4.576	0.003	14648694	1000.0	1097.7	
Average of Peak Amounts =						1075.5	
						RPD = 0.72	
\$ 11 DCB Decachlorobiphenyl							M
1	10.062	10.068	-0.006	96615476	100.0	105.2	
2	9.637	9.642	-0.005	87851807	100.0	114.6	M
						RPD = 8.53	

S 12 Polychlorinated biphenyls, Total

1						1083.3	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent
SG1242L4_00026	Amount Added: 1.00	Units: ml	

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155902.D

Injection Date: 28-Feb-2019 08:56:37

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 32

Client ID:

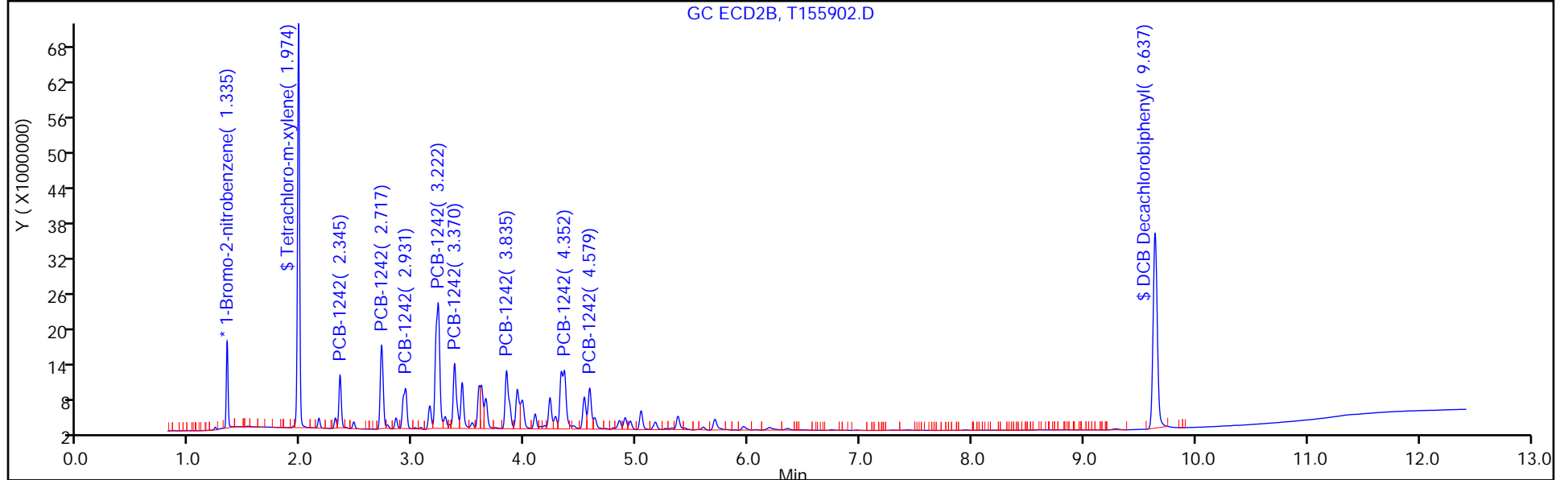
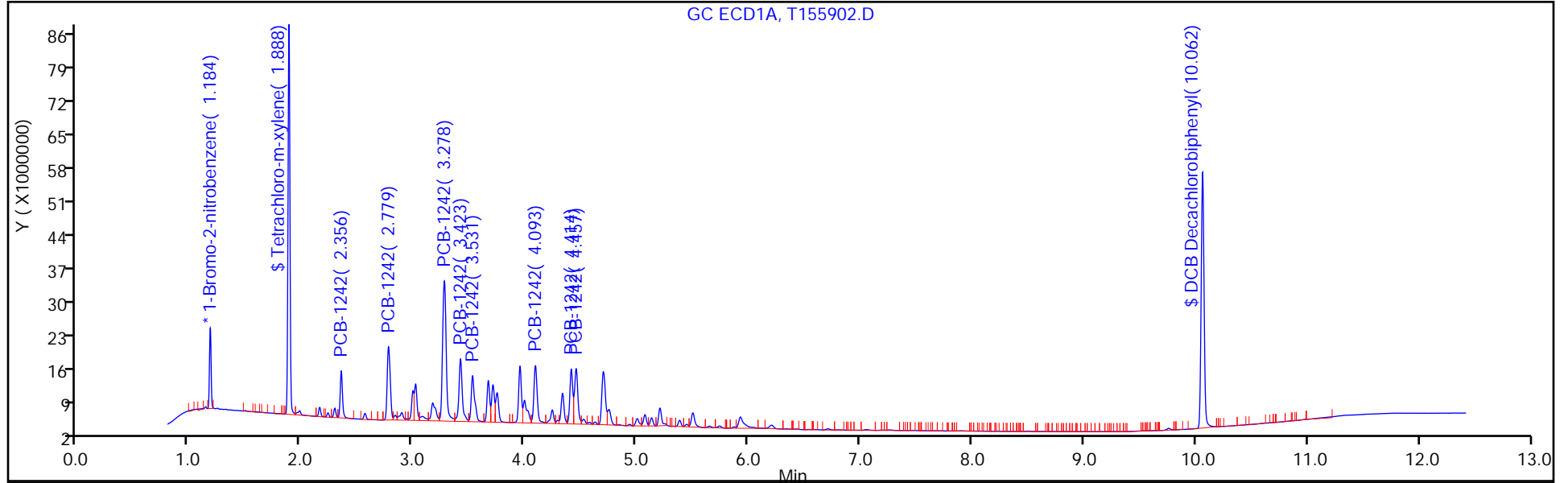
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 72

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592062/2 Calibration Date: 02/27/2019 07:26  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002246.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0122	0.0105		864	1000	-13.6	20.0
PCB-1016 Peak 2	Ave	0.0189	0.0163		860	1000	-14.0	20.0
PCB-1016 Peak 3	Ave	0.0453	0.0408		901	1000	-9.9	20.0
PCB-1016 Peak 4	Ave	0.0172	0.0200		1160	1000	16.5	20.0
PCB-1016 Peak 5	Ave	0.0168	0.0178		1060	1000	5.8	20.0
PCB-1016 Peak 6	Ave	0.0154	0.0136		884	1000	-11.6	20.0
PCB-1016 Peak 7	Ave	0.0198	0.0203		1020	1000	2.2	20.0
PCB-1016 Peak 8	Ave	0.0174	0.0194		1110	1000	11.3	20.0
PCB-1260 Peak 1	Ave	0.0435	0.0467		1070	1000	7.2	20.0
PCB-1260 Peak 2	Ave	0.0697	0.0802		1150	1000	15.1	20.0
PCB-1260 Peak 3	Ave	0.1049	0.1071		1020	1000	2.1	20.0
PCB-1260 Peak 4	Ave	0.0718	0.0753		1050	1000	4.7	20.0
PCB-1260 Peak 5	Ave	0.0653	0.0661		1010	1000	1.2	20.0
PCB-1260 Peak 6	Ave	0.1354	0.1391		1030	1000	2.7	20.0
PCB-1260 Peak 7	Ave	0.0958	0.0981		1020	1000	2.4	20.0
PCB-1260 Peak 8	Ave	0.0296	0.0289		975	1000	-2.5	20.0
Tetrachloro-m-xylene	Ave	0.5759	0.5343		92.8	100	-7.2	20.0
DCB Decachlorobiphenyl	Ave	0.8342	0.8380		100	100	0.5	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592062/2 Calibration Date: 02/27/2019 07:26  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002246.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	6.23	6.16	6.30
PCB-1016 Peak 2	7.01	6.94	7.08
PCB-1016 Peak 3	7.83	7.76	7.90
PCB-1016 Peak 4	8.07	8.00	8.14
PCB-1016 Peak 5	8.25	8.18	8.32
PCB-1016 Peak 6	8.90	8.83	8.97
PCB-1016 Peak 7	9.11	9.04	9.18
PCB-1016 Peak 8	9.62	9.55	9.69
PCB-1260 Peak 1	10.86	10.79	10.93
PCB-1260 Peak 2	11.20	11.13	11.27
PCB-1260 Peak 3	11.72	11.65	11.79
PCB-1260 Peak 4	12.97	12.90	13.04
PCB-1260 Peak 5	13.76	13.69	13.83
PCB-1260 Peak 6	14.42	14.35	14.49
PCB-1260 Peak 7	15.25	15.18	15.32
PCB-1260 Peak 8	16.35	16.28	16.42
Tetrachloro-m-xylene	5.20	5.15	5.25
DCB Decachlorobiphenyl	17.04	16.94	17.14

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\7R002246.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 27-Feb-2019 07:26:57 ALS Bottle#: 2 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 12:18:32 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: guhas Date: 27-Feb-2019 09:01:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.387	3.387	0.000	71305	20.0	20.0	
2	2.827	2.827	0.000	33890	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.197	5.197	0.000	190484	100.0	92.8	
2	4.217	4.217	0.000	197252	100.0	106.8	
						RPD = 14.07	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.227	6.227	0.000	37478	1000.0	864.2	
1	7.007	7.007	0.000	57981	1000.0	860.0	M
1	7.830	7.830	0.000	145460	1000.0	900.5	M
1	8.070	8.070	0.000	71321	1000.0	1164.7	M
1	8.250	8.250	0.000	63369	1000.0	1058.1	M
1	8.897	8.897	0.000	48608	1000.0	884.5	M
1	9.110	9.110	0.000	72307	1000.0	1022.3	M
1	9.623	9.623	0.000	69025	1000.0	1113.0	M

Average of Peak Amounts = 983.4

2	4.940	4.940	0.000	47876	1000.0	1035.4	
2	5.590	5.590	0.000	90286	1000.0	999.3	
2	5.937	5.937	0.000	58957	1000.0	1019.6	
2	6.403	6.403	0.000	171218	1000.0	1046.5	
2	6.633	6.633	0.000	76227	1000.0	1024.9	
2	6.737	6.737	0.000	49365	1000.0	1033.6	
2	7.340	7.340	0.000	79030	1000.0	1091.6	
2	7.983	7.983	0.000	48469	1000.0	1081.3	

Average of Peak Amounts = 1041.5

RPD = 5.74

8 PCB-1260

							M
1	10.860	10.860	0.000	166378	1000.0	1071.9	M
1	11.200	11.200	0.000	286073	1000.0	1150.7	M
1	11.717	11.717	0.000	381946	1000.0	1021.4	M
1	12.970	12.970	0.000	268305	1000.0	1047.5	M
1	13.757	13.757	0.000	235707	1000.0	1012.2	M
1	14.420	14.420	0.000	495750	1000.0	1026.7	M
1	15.253	15.253	0.000	349776	1000.0	1024.3	
1	16.347	16.347	0.000	103036	1000.0	975.2	

Average of Peak Amounts = 1041.2

2	9.373	9.373	0.000	118163	1000.0	1080.4	
2	10.280	10.280	0.000	207768	1000.0	1113.5	
2	10.493	10.493	0.000	91905	1000.0	1036.7	
2	10.953	10.953	0.000	99426	1000.0	1034.2	
2	11.653	11.653	0.000	224904	1000.0	1056.7	
2	12.363	12.363	0.000	122880	1000.0	1083.8	
2	12.627	12.627	0.000	61699	1000.0	1078.1	
2	14.083	14.083	0.000	59368	1000.0	1144.8	

Average of Peak Amounts = 1078.5

RPD = 3.52

\$ 11 DCB Decachlorobiphenyl

1	17.037	17.037	0.000	298774	100.0	100.5	
2	15.183	15.183	0.000	228676	100.0	109.7	

RPD = 8.75

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\7R002246.D

Injection Date: 27-Feb-2019 07:26:57

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

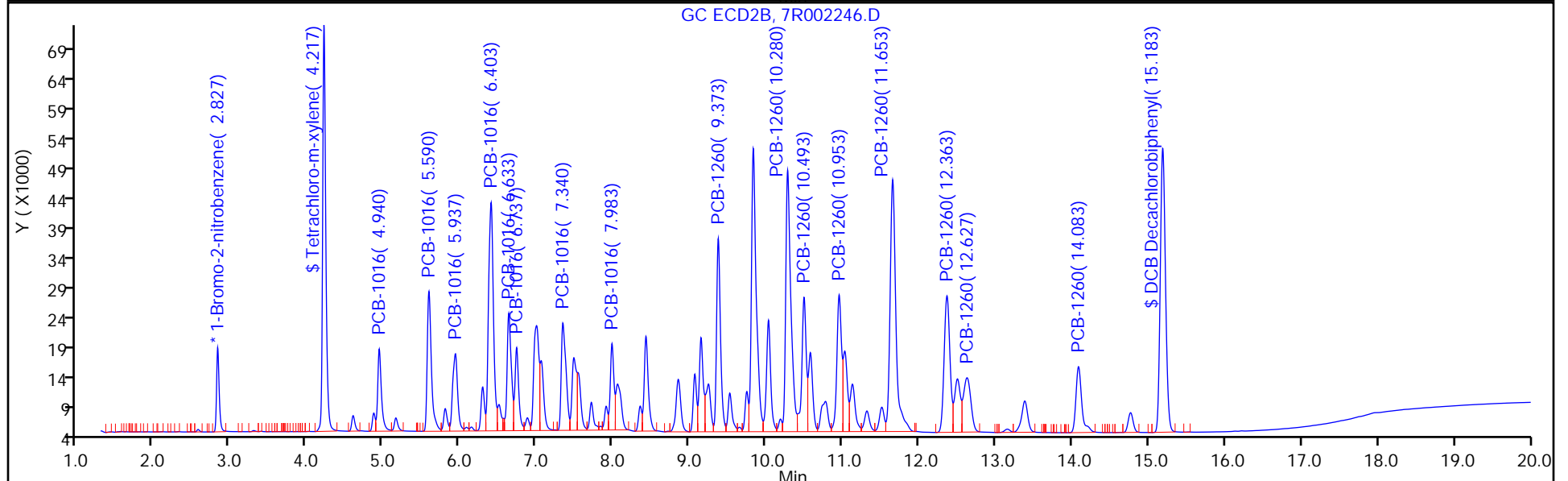
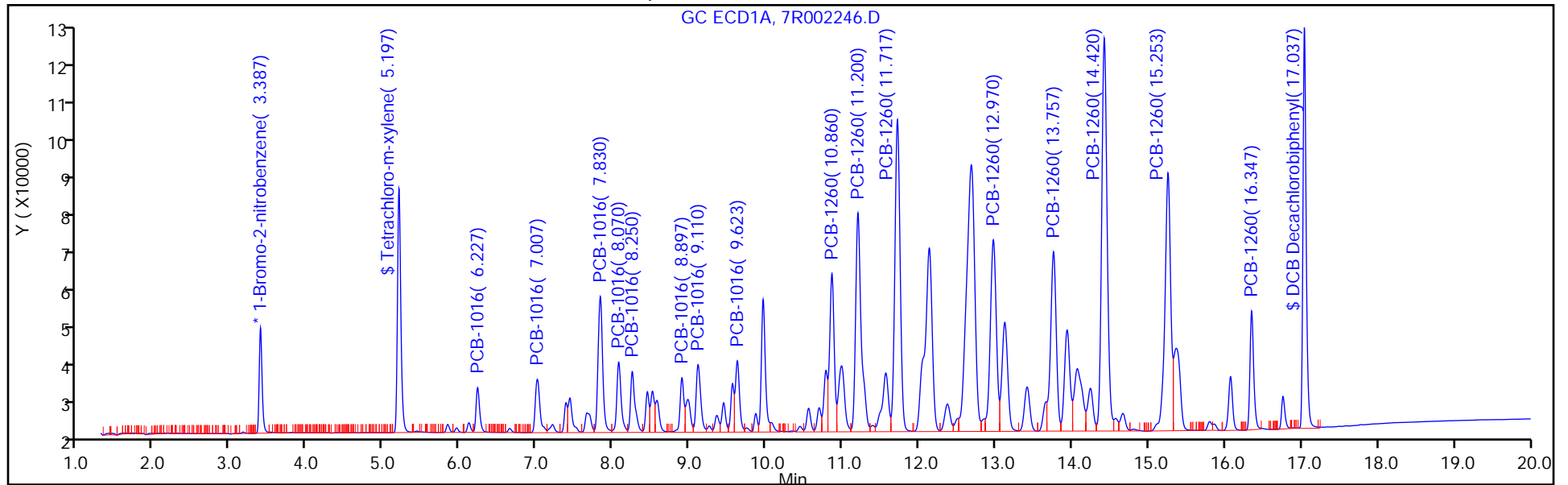
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592062/2 Calibration Date: 02/27/2019 07:26  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002246.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0273	0.0283		1040	1000	3.5	20.0
PCB-1016 Peak 2	Ave	0.0533	0.0533		999	1000	-0.0	20.0
PCB-1016 Peak 3	Ave	0.0341	0.0348		1020	1000	2.0	20.0
PCB-1016 Peak 4	Ave	0.0966	0.1010		1050	1000	4.7	20.0
PCB-1016 Peak 5	Ave	0.0439	0.0450		1020	1000	2.5	20.0
PCB-1016 Peak 6	Ave	0.0282	0.0291		1030	1000	3.4	20.0
PCB-1016 Peak 7	Ave	0.0427	0.0466		1090	1000	9.2	20.0
PCB-1016 Peak 8	Ave	0.0265	0.0286		1080	1000	8.1	20.0
PCB-1260 Peak 1	Ave	0.0645	0.0697		1080	1000	8.0	20.0
PCB-1260 Peak 2	Ave	0.1101	0.1226		1110	1000	11.3	20.0
PCB-1260 Peak 3	Ave	0.0523	0.0542		1040	1000	3.7	20.0
PCB-1260 Peak 4	Ave	0.0567	0.0587		1030	1000	3.4	20.0
PCB-1260 Peak 5	Ave	0.1256	0.1327		1060	1000	5.7	20.0
PCB-1260 Peak 6	Ave	0.0669	0.0725		1080	1000	8.4	20.0
PCB-1260 Peak 7	Ave	0.0338	0.0364		1080	1000	7.8	20.0
PCB-1260 Peak 8	Ave	0.0306	0.0350		1140	1000	14.5	20.0
Tetrachloro-m-xylene	Ave	1.090	1.164		107	100	6.8	20.0
DCB Decachlorobiphenyl	Ave	1.231	1.350		110	100	9.7	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592062/2 Calibration Date: 02/27/2019 07:26  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002246.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.94	4.87	5.01
PCB-1016 Peak 2	5.59	5.52	5.66
PCB-1016 Peak 3	5.94	5.87	6.01
PCB-1016 Peak 4	6.40	6.33	6.47
PCB-1016 Peak 5	6.63	6.56	6.70
PCB-1016 Peak 6	6.74	6.67	6.81
PCB-1016 Peak 7	7.34	7.27	7.41
PCB-1016 Peak 8	7.98	7.91	8.05
PCB-1260 Peak 1	9.37	9.30	9.44
PCB-1260 Peak 2	10.28	10.21	10.35
PCB-1260 Peak 3	10.49	10.42	10.56
PCB-1260 Peak 4	10.95	10.88	11.02
PCB-1260 Peak 5	11.65	11.58	11.72
PCB-1260 Peak 6	12.36	12.29	12.43
PCB-1260 Peak 7	12.63	12.56	12.70
PCB-1260 Peak 8	14.08	14.01	14.15
Tetrachloro-m-xylene	4.22	4.17	4.27
DCB Decachlorobiphenyl	15.18	15.08	15.28

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\7R002246.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 27-Feb-2019 07:26:57 ALS Bottle#: 2 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info:  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 12:18:32 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: guhas Date: 27-Feb-2019 09:01:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.387	3.387	0.000	71305	20.0	20.0	
2	2.827	2.827	0.000	33890	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.197	5.197	0.000	190484	100.0	92.8	
2	4.217	4.217	0.000	197252	100.0	106.8	
						RPD = 14.07	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.227	6.227	0.000	37478	1000.0	864.2	
1	7.007	7.007	0.000	57981	1000.0	860.0	M
1	7.830	7.830	0.000	145460	1000.0	900.5	M
1	8.070	8.070	0.000	71321	1000.0	1164.7	M
1	8.250	8.250	0.000	63369	1000.0	1058.1	M
1	8.897	8.897	0.000	48608	1000.0	884.5	M
1	9.110	9.110	0.000	72307	1000.0	1022.3	M
1	9.623	9.623	0.000	69025	1000.0	1113.0	M

Average of Peak Amounts = 983.4

2	4.940	4.940	0.000	47876	1000.0	1035.4	
2	5.590	5.590	0.000	90286	1000.0	999.3	
2	5.937	5.937	0.000	58957	1000.0	1019.6	
2	6.403	6.403	0.000	171218	1000.0	1046.5	
2	6.633	6.633	0.000	76227	1000.0	1024.9	
2	6.737	6.737	0.000	49365	1000.0	1033.6	
2	7.340	7.340	0.000	79030	1000.0	1091.6	
2	7.983	7.983	0.000	48469	1000.0	1081.3	

Average of Peak Amounts = 1041.5

RPD = 5.74

8 PCB-1260

							M
1	10.860	10.860	0.000	166378	1000.0	1071.9	M
1	11.200	11.200	0.000	286073	1000.0	1150.7	M
1	11.717	11.717	0.000	381946	1000.0	1021.4	M
1	12.970	12.970	0.000	268305	1000.0	1047.5	M
1	13.757	13.757	0.000	235707	1000.0	1012.2	M
1	14.420	14.420	0.000	495750	1000.0	1026.7	M
1	15.253	15.253	0.000	349776	1000.0	1024.3	
1	16.347	16.347	0.000	103036	1000.0	975.2	

Average of Peak Amounts = 1041.2

2	9.373	9.373	0.000	118163	1000.0	1080.4	
2	10.280	10.280	0.000	207768	1000.0	1113.5	
2	10.493	10.493	0.000	91905	1000.0	1036.7	
2	10.953	10.953	0.000	99426	1000.0	1034.2	
2	11.653	11.653	0.000	224904	1000.0	1056.7	
2	12.363	12.363	0.000	122880	1000.0	1083.8	
2	12.627	12.627	0.000	61699	1000.0	1078.1	
2	14.083	14.083	0.000	59368	1000.0	1144.8	

Average of Peak Amounts = 1078.5

RPD = 3.52

\$ 11 DCB Decachlorobiphenyl

1	17.037	17.037	0.000	298774	100.0	100.5	
2	15.183	15.183	0.000	228676	100.0	109.7	

RPD = 8.75

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190227-87139.b\7R002246.D

Injection Date: 27-Feb-2019 07:26:57

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

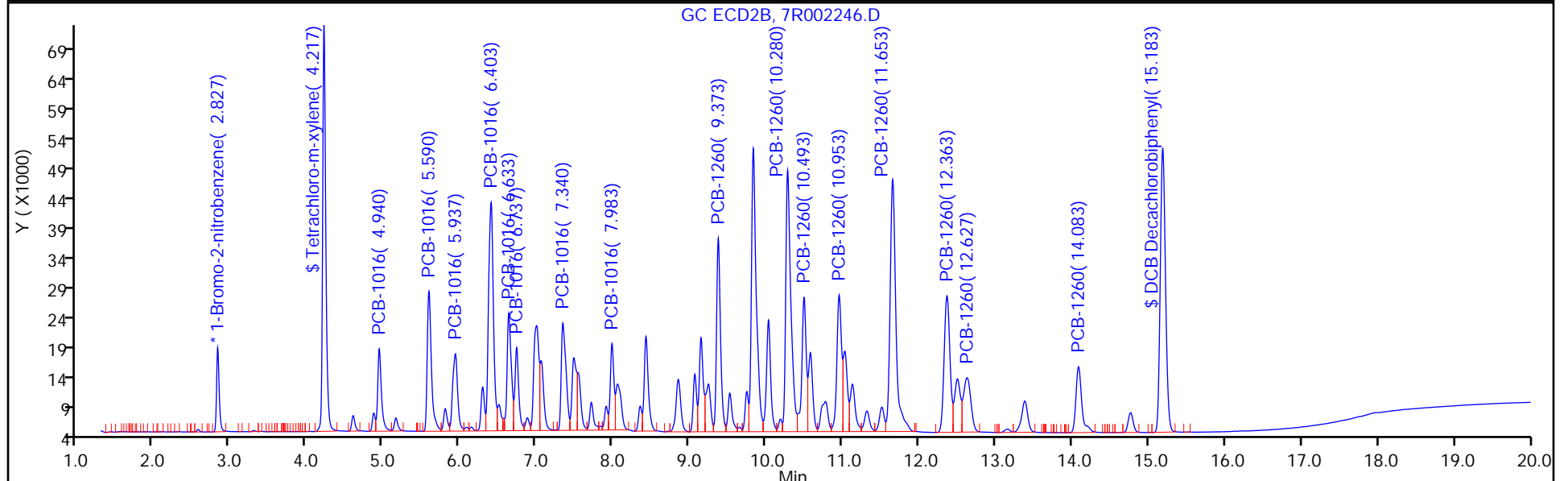
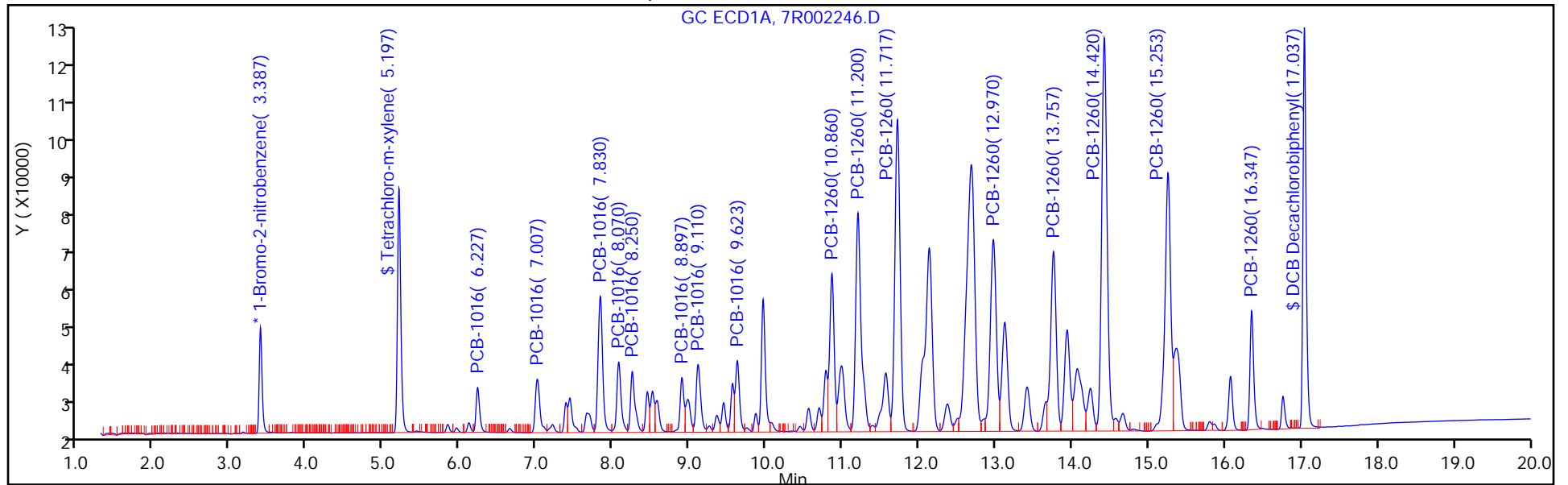
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592351/2 Calibration Date: 02/28/2019 09:58  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002263.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0122	0.0108		889	1000	-11.1	20.0
PCB-1016 Peak 2	Ave	0.0189	0.0163		860	1000	-14.0	20.0
PCB-1016 Peak 3	Ave	0.0453	0.0405		894	1000	-10.6	20.0
PCB-1016 Peak 4	Ave	0.0172	0.0201		1170	1000	17.1	20.0
PCB-1016 Peak 5	Ave	0.0168	0.0178		1060	1000	5.9	20.0
PCB-1016 Peak 6	Ave	0.0154	0.0138		896	1000	-10.4	20.0
PCB-1016 Peak 7	Ave	0.0198	0.0204		1030	1000	2.9	20.0
PCB-1016 Peak 8	Ave	0.0174	0.0193		1110	1000	10.8	20.0
PCB-1260 Peak 1	Ave	0.0435	0.0471		1080	1000	8.2	20.0
PCB-1260 Peak 2	Ave	0.0697	0.0809		1160	1000	15.9	20.0
PCB-1260 Peak 3	Ave	0.1049	0.1056		1010	1000	0.7	20.0
PCB-1260 Peak 4	Ave	0.0718	0.0761		1060	1000	5.9	20.0
PCB-1260 Peak 5	Ave	0.0653	0.0671		1030	1000	2.7	20.0
PCB-1260 Peak 6	Ave	0.1354	0.1404		1040	1000	3.7	20.0
PCB-1260 Peak 7	Ave	0.0958	0.0986		1030	1000	2.9	20.0
PCB-1260 Peak 8	Ave	0.0296	0.0294		991	1000	-0.9	20.0
Tetrachloro-m-xylene	Ave	0.5759	0.5359		93.0	100	-7.0	20.0
DCB Decachlorobiphenyl	Ave	0.8342	0.8482		102	100	1.7	20.0



FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592351/2 Calibration Date: 02/28/2019 09:58  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002263.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	6.23	6.16	6.30
PCB-1016 Peak 2	7.01	6.94	7.08
PCB-1016 Peak 3	7.83	7.76	7.90
PCB-1016 Peak 4	8.07	8.00	8.14
PCB-1016 Peak 5	8.25	8.18	8.32
PCB-1016 Peak 6	8.90	8.83	8.97
PCB-1016 Peak 7	9.11	9.04	9.18
PCB-1016 Peak 8	9.62	9.55	9.69
PCB-1260 Peak 1	10.86	10.79	10.93
PCB-1260 Peak 2	11.20	11.13	11.27
PCB-1260 Peak 3	11.72	11.65	11.79
PCB-1260 Peak 4	12.97	12.90	13.04
PCB-1260 Peak 5	13.76	13.69	13.83
PCB-1260 Peak 6	14.42	14.35	14.49
PCB-1260 Peak 7	15.26	15.19	15.33
PCB-1260 Peak 8	16.35	16.28	16.42
Tetrachloro-m-xylene	5.20	5.15	5.25
DCB Decachlorobiphenyl	17.04	16.94	17.14

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002263.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 28-Feb-2019 09:58:27 ALS Bottle#: 19 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:14:02 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 11:11:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.387	3.387	0.000	69679	20.0	20.0	
2	2.827	2.827	0.000	33313	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.197	5.197	0.000	186701	100.0	93.0	M
2	4.217	4.217	0.000	193706	100.0	106.7	
						RPD = 13.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.227	6.227	0.000	37678	1000.0	889.0	M
1	7.007	7.007	0.000	56681	1000.0	860.3	M
1	7.830	7.830	0.000	141110	1000.0	894.0	M
1	8.070	8.070	0.000	70060	1000.0	1170.8	M
1	8.247	8.247	0.000	61986	1000.0	1059.2	M
1	8.897	8.897	0.000	48111	1000.0	895.9	M
1	9.107	9.107	0.000	71089	1000.0	1028.5	M
1	9.620	9.620	0.000	67141	1000.0	1107.9	M

Average of Peak Amounts = 988.2

2	4.940	4.940	0.000	46976	1000.0	1033.6	
2	5.587	5.587	0.000	89318	1000.0	1005.7	M
2	5.933	5.933	0.000	59005	1000.0	1038.1	M
2	6.403	6.403	0.000	169811	1000.0	1055.9	M
2	6.633	6.633	0.000	76002	1000.0	1039.6	M
2	6.737	6.737	0.000	49242	1000.0	1048.9	M
2	7.340	7.340	0.000	79935	1000.0	1123.2	M
2	7.983	7.983	0.000	50024	1000.0	1135.3	M

Average of Peak Amounts = 1060.0

RPD = 7.01

8 PCB-1260

							M
1	10.860	10.860	0.000	164163	1000.0	1082.3	M
1	11.200	11.200	0.000	281679	1000.0	1159.5	M
1	11.717	11.717	0.000	367819	1000.0	1006.6	M
1	12.973	12.973	0.000	265135	1000.0	1059.3	M
1	13.757	13.757	0.000	233621	1000.0	1026.7	M
1	14.423	14.423	0.000	489242	1000.0	1036.8	M
1	15.257	15.257	0.000	343508	1000.0	1029.4	
1	16.350	16.350	0.000	102341	1000.0	991.2	

Average of Peak Amounts = 1049.0

2	9.373	9.373	0.000	117268	1000.0	1090.8	
2	10.280	10.280	0.000	206995	1000.0	1128.5	
2	10.493	10.493	0.000	91693	1000.0	1052.2	
2	10.953	10.953	0.000	98672	1000.0	1044.1	
2	11.653	11.653	0.000	223636	1000.0	1069.0	
2	12.363	12.363	0.000	122410	1000.0	1098.3	
2	12.627	12.627	0.000	61766	1000.0	1098.0	
2	14.083	14.083	0.000	56404	1000.0	1106.5	M

Average of Peak Amounts = 1085.9

RPD = 3.46

\$ 11 DCB Decachlorobiphenyl

1	17.040	17.040	0.000	295524	100.0	101.7	
2	15.187	15.187	0.000	227520	100.0	111.0	

RPD = 8.75

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002263.D

Injection Date: 28-Feb-2019 09:58:27

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

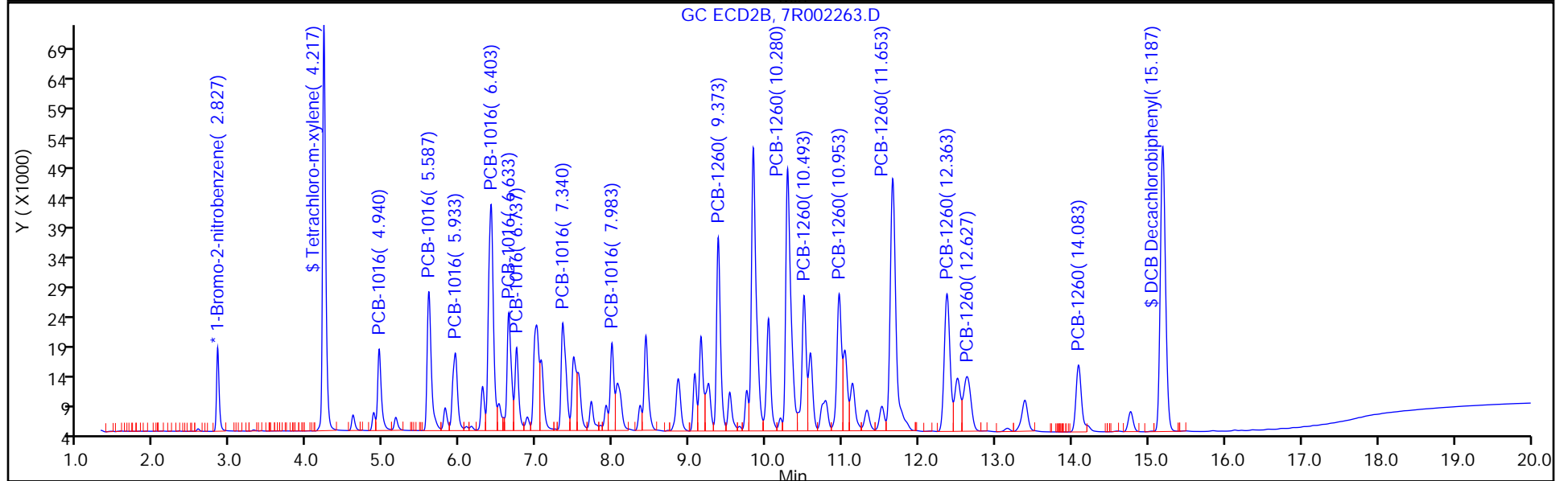
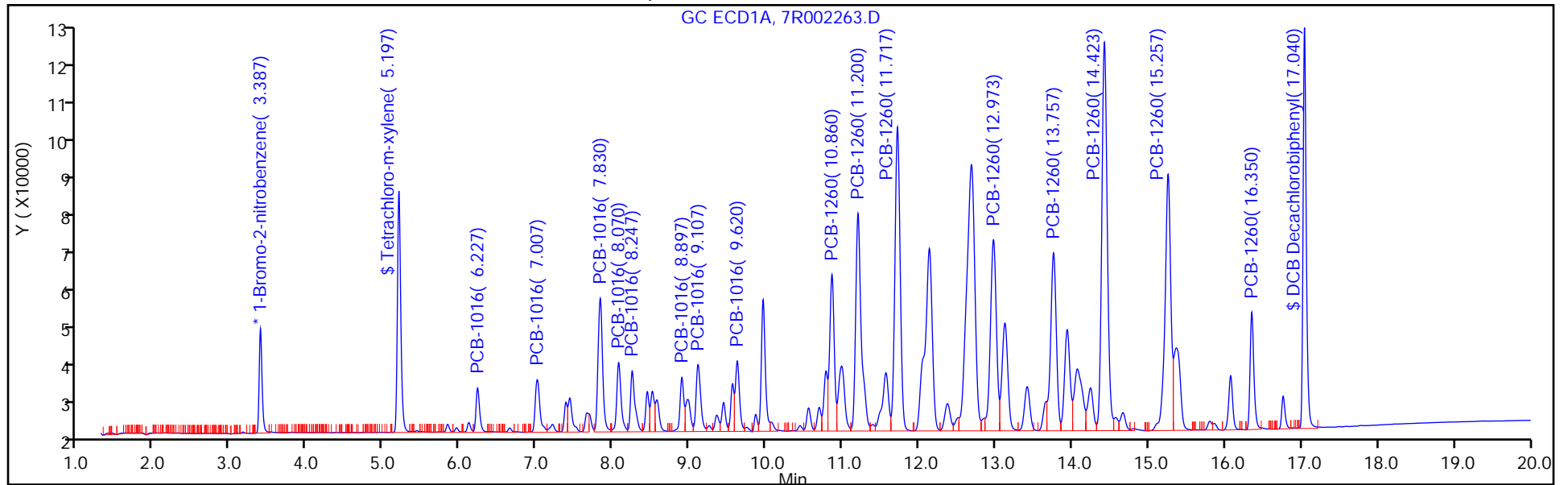
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592351/2 Calibration Date: 02/28/2019 09:58  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002263.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0273	0.0282		1030	1000	3.4	20.0
PCB-1016 Peak 2	Ave	0.0533	0.0536		1010	1000	0.6	20.0
PCB-1016 Peak 3	Ave	0.0341	0.0354		1040	1000	3.8	20.0
PCB-1016 Peak 4	Ave	0.0966	0.1020		1060	1000	5.6	20.0
PCB-1016 Peak 5	Ave	0.0439	0.0456		1040	1000	4.0	20.0
PCB-1016 Peak 6	Ave	0.0282	0.0296		1050	1000	4.9	20.0
PCB-1016 Peak 7	Ave	0.0427	0.0480		1120	1000	12.3	20.0
PCB-1016 Peak 8	Ave	0.0265	0.0300		1140	1000	13.5	20.0
PCB-1260 Peak 1	Ave	0.0645	0.0704		1090	1000	9.1	20.0
PCB-1260 Peak 2	Ave	0.1101	0.1243		1130	1000	12.9	20.0
PCB-1260 Peak 3	Ave	0.0523	0.0551		1050	1000	5.2	20.0
PCB-1260 Peak 4	Ave	0.0567	0.0592		1040	1000	4.4	20.0
PCB-1260 Peak 5	Ave	0.1256	0.1343		1070	1000	6.9	20.0
PCB-1260 Peak 6	Ave	0.0669	0.0735		1100	1000	9.8	20.0
PCB-1260 Peak 7	Ave	0.0338	0.0371		1100	1000	9.8	20.0
PCB-1260 Peak 8	Ave	0.0306	0.0339		1110	1000	10.6	20.0
Tetrachloro-m-xylene	Ave	1.090	1.163		107	100	6.7	20.0
DCB Decachlorobiphenyl	Ave	1.231	1.366		111	100	11.0	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592351/2 Calibration Date: 02/28/2019 09:58  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002263.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.94	4.87	5.01
PCB-1016 Peak 2	5.59	5.52	5.66
PCB-1016 Peak 3	5.93	5.86	6.00
PCB-1016 Peak 4	6.40	6.33	6.47
PCB-1016 Peak 5	6.63	6.56	6.70
PCB-1016 Peak 6	6.74	6.67	6.81
PCB-1016 Peak 7	7.34	7.27	7.41
PCB-1016 Peak 8	7.98	7.91	8.05
PCB-1260 Peak 1	9.37	9.30	9.44
PCB-1260 Peak 2	10.28	10.21	10.35
PCB-1260 Peak 3	10.49	10.42	10.56
PCB-1260 Peak 4	10.95	10.88	11.02
PCB-1260 Peak 5	11.65	11.58	11.72
PCB-1260 Peak 6	12.36	12.29	12.43
PCB-1260 Peak 7	12.63	12.56	12.70
PCB-1260 Peak 8	14.08	14.01	14.15
Tetrachloro-m-xylene	4.22	4.17	4.27
DCB Decachlorobiphenyl	15.19	15.09	15.29

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002263.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 28-Feb-2019 09:58:27 ALS Bottle#: 19 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 13:14:02 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 11:11:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.387	3.387	0.000	69679	20.0	20.0	
2	2.827	2.827	0.000	33313	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.197	5.197	0.000	186701	100.0	93.0	M
2	4.217	4.217	0.000	193706	100.0	106.7	
						RPD = 13.68	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.227	6.227	0.000	37678	1000.0	889.0	M
1	7.007	7.007	0.000	56681	1000.0	860.3	M
1	7.830	7.830	0.000	141110	1000.0	894.0	M
1	8.070	8.070	0.000	70060	1000.0	1170.8	M
1	8.247	8.247	0.000	61986	1000.0	1059.2	M
1	8.897	8.897	0.000	48111	1000.0	895.9	M
1	9.107	9.107	0.000	71089	1000.0	1028.5	M
1	9.620	9.620	0.000	67141	1000.0	1107.9	M

Average of Peak Amounts = 988.2

2	4.940	4.940	0.000	46976	1000.0	1033.6	
2	5.587	5.587	0.000	89318	1000.0	1005.7	M
2	5.933	5.933	0.000	59005	1000.0	1038.1	M
2	6.403	6.403	0.000	169811	1000.0	1055.9	M
2	6.633	6.633	0.000	76002	1000.0	1039.6	M
2	6.737	6.737	0.000	49242	1000.0	1048.9	M
2	7.340	7.340	0.000	79935	1000.0	1123.2	M
2	7.983	7.983	0.000	50024	1000.0	1135.3	M

Average of Peak Amounts = 1060.0

RPD = 7.01

8 PCB-1260

							M
1	10.860	10.860	0.000	164163	1000.0	1082.3	M
1	11.200	11.200	0.000	281679	1000.0	1159.5	M
1	11.717	11.717	0.000	367819	1000.0	1006.6	M
1	12.973	12.973	0.000	265135	1000.0	1059.3	M
1	13.757	13.757	0.000	233621	1000.0	1026.7	M
1	14.423	14.423	0.000	489242	1000.0	1036.8	M
1	15.257	15.257	0.000	343508	1000.0	1029.4	
1	16.350	16.350	0.000	102341	1000.0	991.2	

Average of Peak Amounts = 1049.0

2	9.373	9.373	0.000	117268	1000.0	1090.8	
2	10.280	10.280	0.000	206995	1000.0	1128.5	
2	10.493	10.493	0.000	91693	1000.0	1052.2	
2	10.953	10.953	0.000	98672	1000.0	1044.1	
2	11.653	11.653	0.000	223636	1000.0	1069.0	
2	12.363	12.363	0.000	122410	1000.0	1098.3	
2	12.627	12.627	0.000	61766	1000.0	1098.0	
2	14.083	14.083	0.000	56404	1000.0	1106.5	M

Average of Peak Amounts = 1085.9

RPD = 3.46

\$ 11 DCB Decachlorobiphenyl

1	17.040	17.040	0.000	295524	100.0	101.7	
2	15.187	15.187	0.000	227520	100.0	111.0	

RPD = 8.75

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002263.D

Injection Date: 28-Feb-2019 09:58:27

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

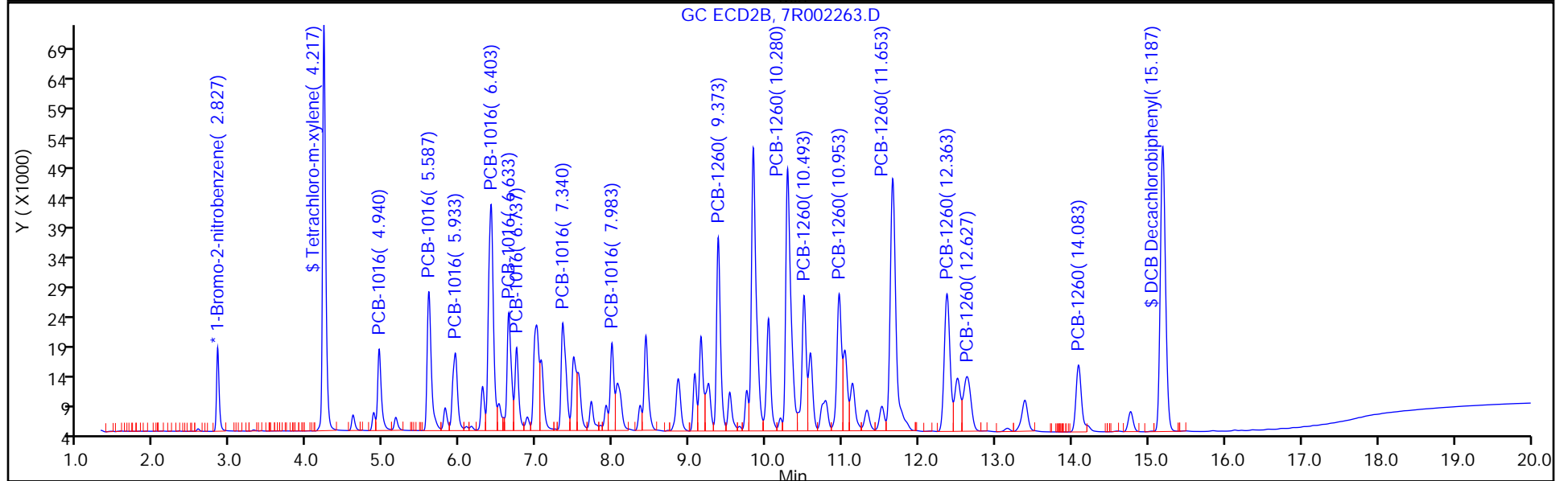
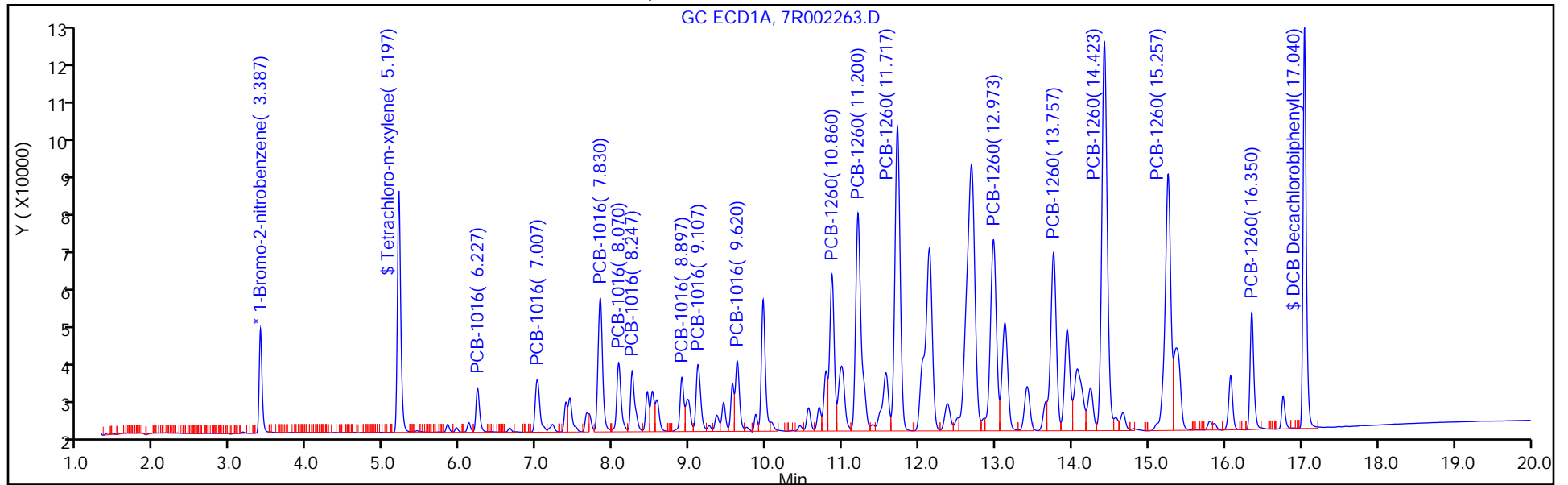
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592351/17 Calibration Date: 02/28/2019 16:00  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002278.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.5759	0.5128		89.0	100	-11.0	20.0
DCB Decachlorobiphenyl	Ave	0.8342	0.8308		99.6	100	-0.4	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592351/17 Calibration Date: 02/28/2019 16:00  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002278.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	5.19	5.15	5.25
DCB Decachlorobiphenyl	17.04	16.94	17.14

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002278.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 16:00:59 ALS Bottle#: 34 Worklist Smp#: 17  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087198-017  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 16:24:16 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 16:24:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	3.377	3.387	-0.010	90119	20.0	20.0	M
2	2.823	2.827	-0.004	41320	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	5.187	5.197	-0.010	231047	100.0	89.0	
2	4.213	4.217	-0.004	226288	100.0	100.5	
RPD = 12.10							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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4 PCB-1242							M
1	6.217	6.237	-0.020	42990	1000.0	903.1	M
1	7.000	7.017	-0.017	62059	1000.0	827.5	M
1	7.823	7.843	-0.020	153877	1000.0	927.6	M
1	8.063	8.083	-0.020	74355	1000.0	1082.3	M
1	8.240	8.260	-0.020	66289	1000.0	1020.8	M
1	9.103	9.123	-0.020	77776	1000.0	993.5	M
1	9.553	9.573	-0.020	114811	1000.0	1163.2	M
1	9.623	9.637	-0.014	102078	1000.0	1032.5	M
Average of Peak Amounts =						993.8	
2	4.937	4.960	-0.023	48299	1000.0	999.4	
2	5.587	5.610	-0.023	89677	1000.0	982.2	
2	5.930	5.957	-0.027	58228	1000.0	993.6	
2	6.400	6.427	-0.027	169723	1000.0	1021.6	
2	6.630	6.657	-0.027	75123	1000.0	1011.5	
2	7.337	7.363	-0.026	78521	1000.0	1045.1	
2	8.080	8.083	-0.003	121009	1000.0	1037.6	
2	8.410	8.453	-0.043	63541	1000.0	1019.8	
Average of Peak Amounts =						1013.9	
						RPD = 2.00	

\$ 11 DCB Decachlorobiphenyl

1	17.037	17.040	-0.003	374370	100.0	99.6	
2	15.180	15.187	-0.007	264539	100.0	104.0	
						RPD = 4.36	

S 12 Polychlorinated biphenyls, Total

1						993.8	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L4_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002278.D

Injection Date: 28-Feb-2019 16:00:59

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 17

Client ID:

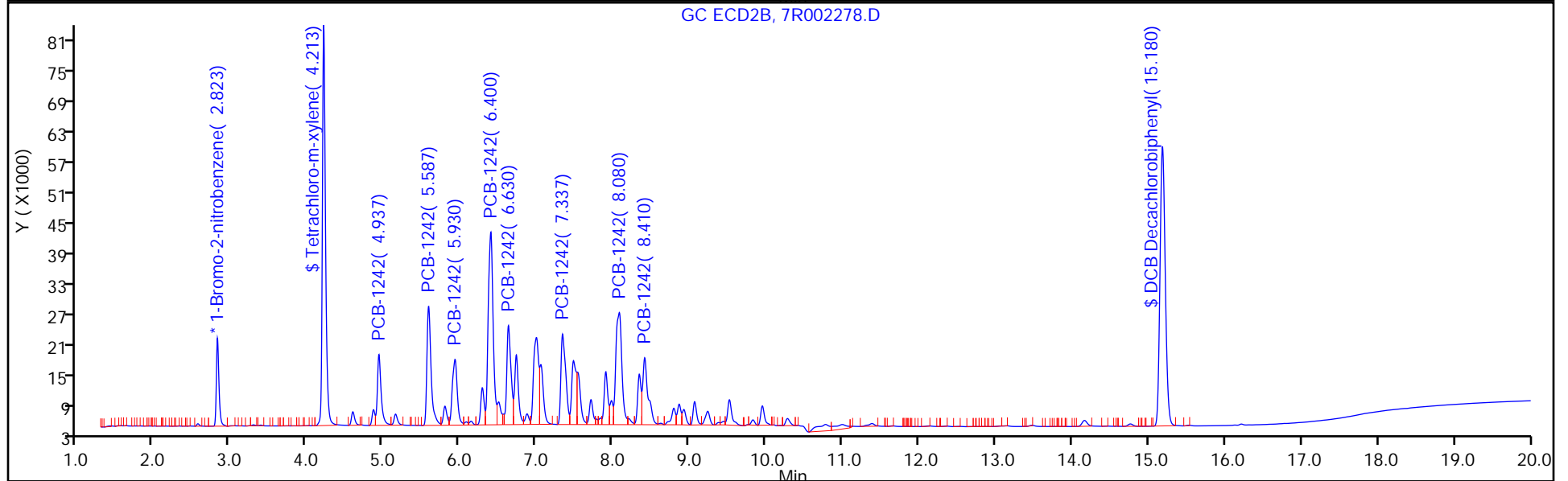
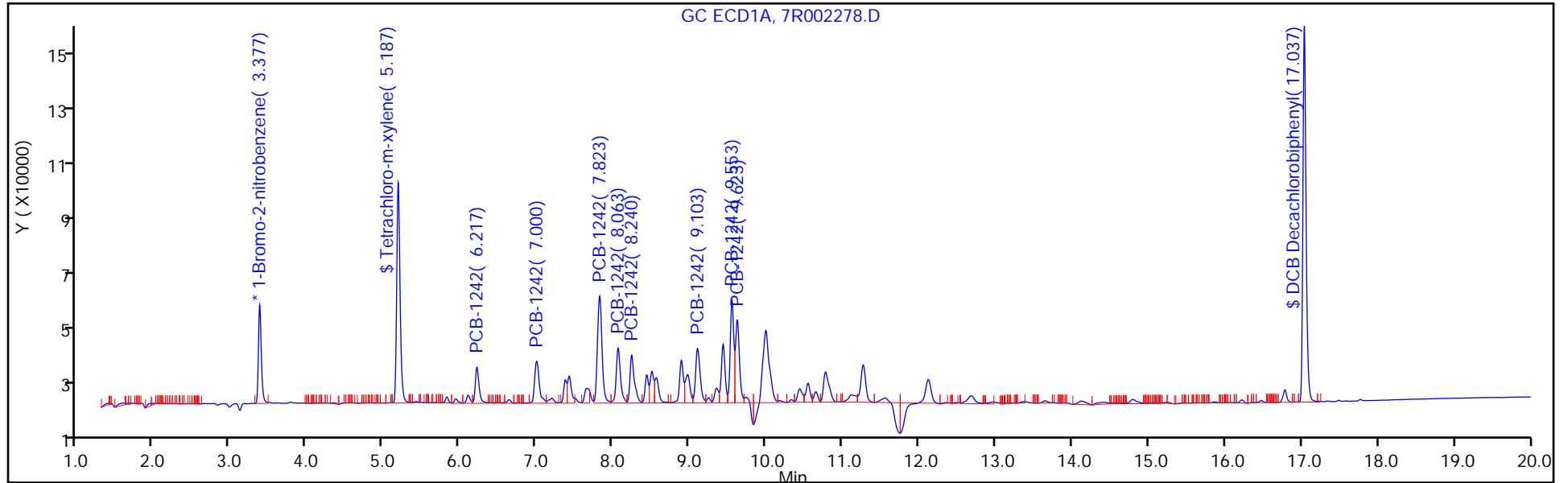
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 34

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD





FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592351/17 Calibration Date: 02/28/2019 16:00  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 20:33  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 20:33  
 Lab File ID: 7R002278.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0106	0.0095		903	1000	-9.7	20.0
PCB-1242 Peak 2	Ave	0.0166	0.0138		827	1000	-17.3	20.0
PCB-1242 Peak 3	Ave	0.0368	0.0342		928	1000	-7.2	20.0
PCB-1242 Peak 4	Ave	0.0152	0.0165		1080	1000	8.2	20.0
PCB-1242 Peak 5	Ave	0.0144	0.0147		1020	1000	2.1	20.0
PCB-1242 Peak 6	Ave	0.0174	0.0173		994	1000	-0.6	20.0
PCB-1242 Peak 7	Ave	0.0219	0.0255		1160	1000	16.3	20.0
PCB-1242 Peak 8	Ave	0.0219	0.0227		1030	1000	3.2	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592351/17 Calibration Date: 02/28/2019 16:00  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 20:33  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 20:33  
 Lab File ID: 7R002278.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	6.22	6.17	6.31
PCB-1242 Peak 2	7.00	6.95	7.09
PCB-1242 Peak 3	7.82	7.77	7.91
PCB-1242 Peak 4	8.06	8.01	8.15
PCB-1242 Peak 5	8.24	8.19	8.33
PCB-1242 Peak 6	9.10	9.05	9.19
PCB-1242 Peak 7	9.55	9.50	9.64
PCB-1242 Peak 8	9.62	9.57	9.71

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002278.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 16:00:59 ALS Bottle#: 34 Worklist Smp#: 17  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087198-017  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 16:24:16 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 16:24:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	3.377	3.387	-0.010	90119	20.0	20.0	M
2	2.823	2.827	-0.004	41320	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	5.187	5.197	-0.010	231047	100.0	89.0	
2	4.213	4.217	-0.004	226288	100.0	100.5	
RPD = 12.10							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	6.217	6.237	-0.020	42990	1000.0	903.1	M
1	7.000	7.017	-0.017	62059	1000.0	827.5	M
1	7.823	7.843	-0.020	153877	1000.0	927.6	M
1	8.063	8.083	-0.020	74355	1000.0	1082.3	M
1	8.240	8.260	-0.020	66289	1000.0	1020.8	M
1	9.103	9.123	-0.020	77776	1000.0	993.5	M
1	9.553	9.573	-0.020	114811	1000.0	1163.2	M
1	9.623	9.637	-0.014	102078	1000.0	1032.5	M

Average of Peak Amounts = 993.8

2	4.937	4.960	-0.023	48299	1000.0	999.4	
2	5.587	5.610	-0.023	89677	1000.0	982.2	
2	5.930	5.957	-0.027	58228	1000.0	993.6	
2	6.400	6.427	-0.027	169723	1000.0	1021.6	
2	6.630	6.657	-0.027	75123	1000.0	1011.5	
2	7.337	7.363	-0.026	78521	1000.0	1045.1	
2	8.080	8.083	-0.003	121009	1000.0	1037.6	
2	8.410	8.453	-0.043	63541	1000.0	1019.8	

Average of Peak Amounts = 1013.9

RPD = 2.00

\$ 11 DCB Decachlorobiphenyl

1	17.037	17.040	-0.003	374370	100.0	99.6	
2	15.180	15.187	-0.007	264539	100.0	104.0	

RPD = 4.36

S 12 Polychlorinated biphenyls, Total

1						993.8	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002278.D

Injection Date: 28-Feb-2019 16:00:59

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 17

Client ID:

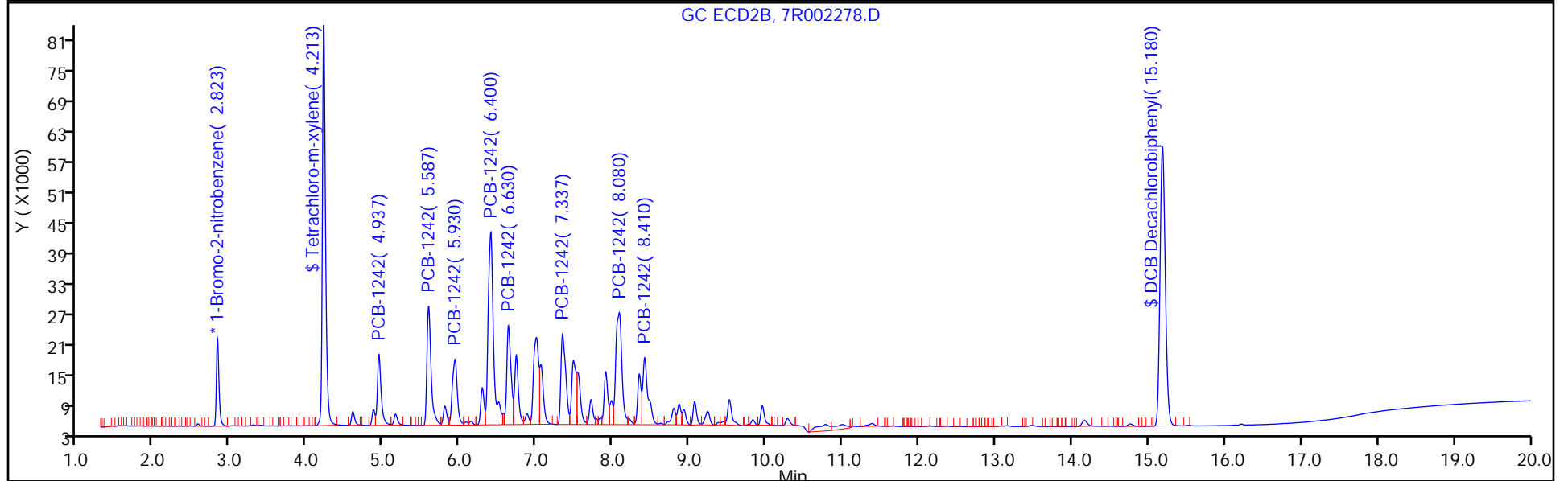
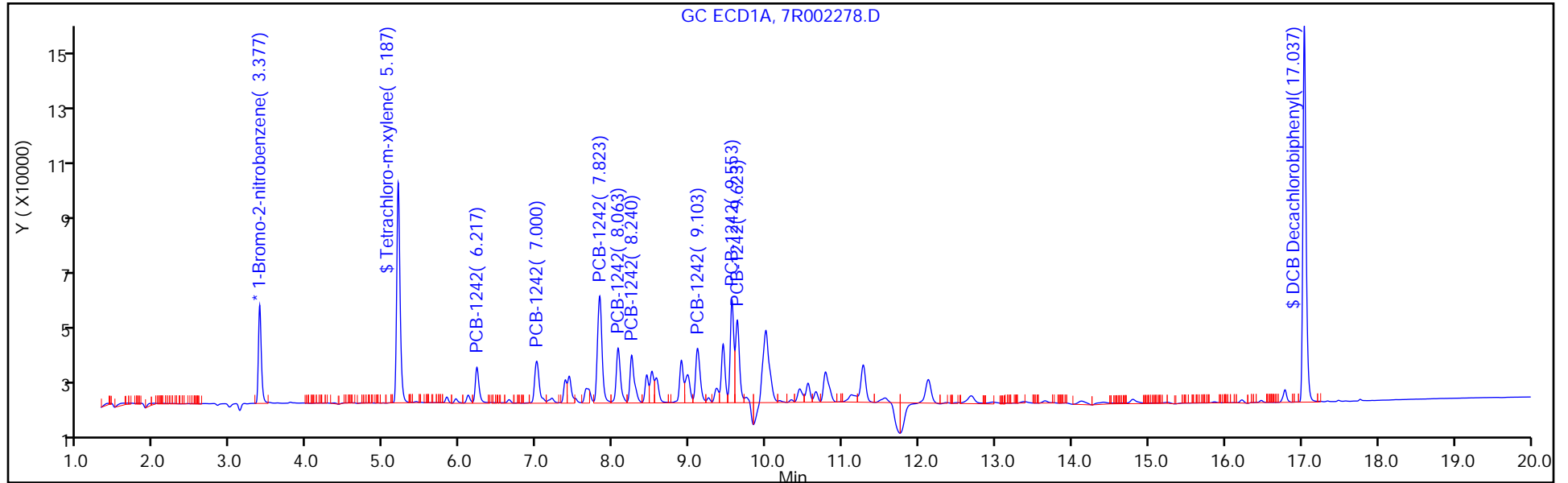
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 34

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592351/17 Calibration Date: 02/28/2019 16:00  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002278.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1.090	1.095		100	100	0.5	20.0
DCB Decachlorobiphenyl	Ave	1.231	1.280		104	100	4.0	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592351/17 Calibration Date: 02/28/2019 16:00  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002278.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	4.21	4.17	4.27
DCB Decachlorobiphenyl	15.18	15.09	15.29

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002278.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 16:00:59 ALS Bottle#: 34 Worklist Smp#: 17  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087198-017  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 16:24:16 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 16:24:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	3.377	3.387	-0.010	90119	20.0	20.0	M
2	2.823	2.827	-0.004	41320	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	5.187	5.197	-0.010	231047	100.0	89.0	
2	4.213	4.217	-0.004	226288	100.0	100.5	
RPD = 12.10							



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	6.217	6.237	-0.020	42990	1000.0	903.1	M
1	7.000	7.017	-0.017	62059	1000.0	827.5	M
1	7.823	7.843	-0.020	153877	1000.0	927.6	M
1	8.063	8.083	-0.020	74355	1000.0	1082.3	M
1	8.240	8.260	-0.020	66289	1000.0	1020.8	M
1	9.103	9.123	-0.020	77776	1000.0	993.5	M
1	9.553	9.573	-0.020	114811	1000.0	1163.2	M
1	9.623	9.637	-0.014	102078	1000.0	1032.5	M

Average of Peak Amounts = 993.8

2	4.937	4.960	-0.023	48299	1000.0	999.4	
2	5.587	5.610	-0.023	89677	1000.0	982.2	
2	5.930	5.957	-0.027	58228	1000.0	993.6	
2	6.400	6.427	-0.027	169723	1000.0	1021.6	
2	6.630	6.657	-0.027	75123	1000.0	1011.5	
2	7.337	7.363	-0.026	78521	1000.0	1045.1	
2	8.080	8.083	-0.003	121009	1000.0	1037.6	
2	8.410	8.453	-0.043	63541	1000.0	1019.8	

Average of Peak Amounts = 1013.9

RPD = 2.00

\$ 11 DCB Decachlorobiphenyl

1	17.037	17.040	-0.003	374370	100.0	99.6	
2	15.180	15.187	-0.007	264539	100.0	104.0	

RPD = 4.36

S 12 Polychlorinated biphenyls, Total

1						993.8	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002278.D

Injection Date: 28-Feb-2019 16:00:59

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 17

Client ID:

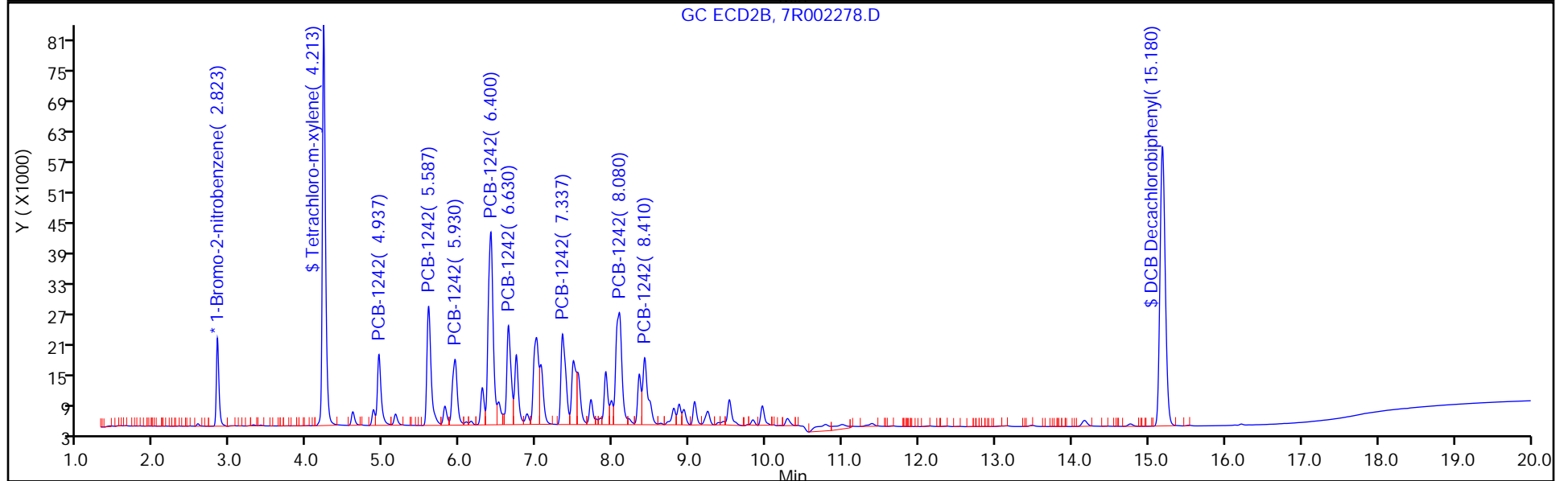
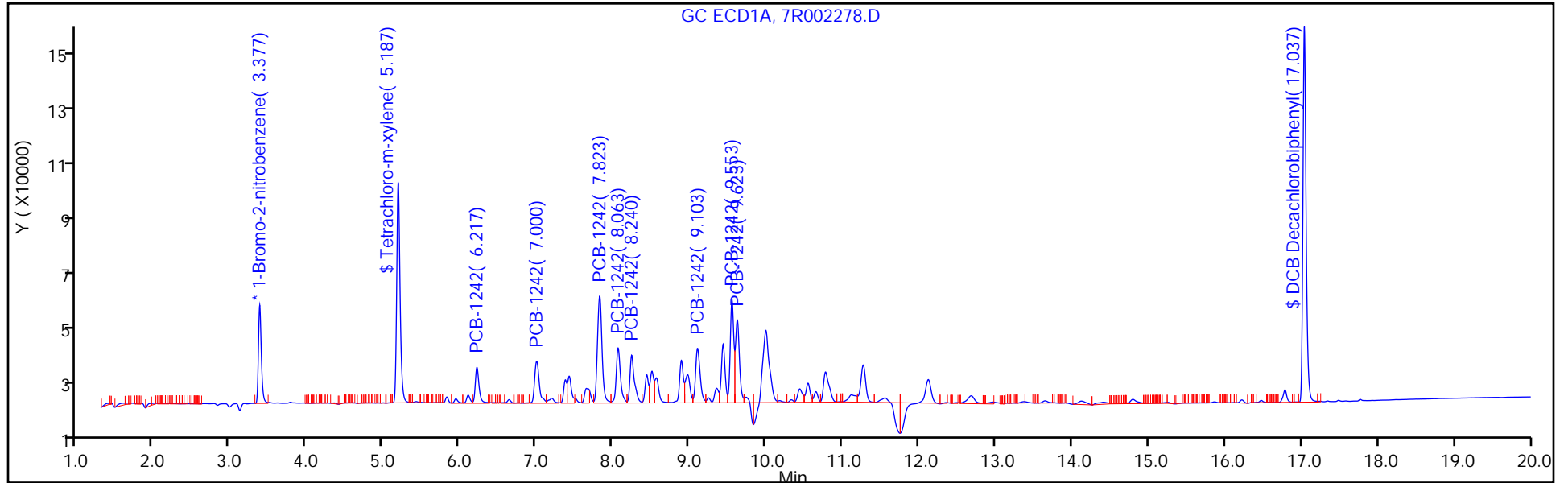
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 34

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592351/17 Calibration Date: 02/28/2019 16:00  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 20:33  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 20:33  
 Lab File ID: 7R002278.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0234	0.0234		999	1000	-0.0	20.0
PCB-1242 Peak 2	Ave	0.0442	0.0434		982	1000	-1.8	20.0
PCB-1242 Peak 3	Ave	0.0284	0.0282		994	1000	-0.6	20.0
PCB-1242 Peak 4	Ave	0.0804	0.0822		1020	1000	2.2	20.0
PCB-1242 Peak 5	Ave	0.0359	0.0364		1010	1000	1.1	20.0
PCB-1242 Peak 6	Ave	0.0364	0.0380		1050	1000	4.5	20.0
PCB-1242 Peak 7	Ave	0.0564	0.0586		1040	1000	3.8	20.0
PCB-1242 Peak 8	Ave	0.0302	0.0308		1020	1000	2.0	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592351/17 Calibration Date: 02/28/2019 16:00  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 20:33  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 20:33  
 Lab File ID: 7R002278.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	4.94	4.89	5.03
PCB-1242 Peak 2	5.59	5.54	5.68
PCB-1242 Peak 3	5.93	5.89	6.03
PCB-1242 Peak 4	6.40	6.36	6.50
PCB-1242 Peak 5	6.63	6.59	6.73
PCB-1242 Peak 6	7.34	7.29	7.43
PCB-1242 Peak 7	8.08	8.01	8.15
PCB-1242 Peak 8	8.41	8.38	8.52

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002278.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 28-Feb-2019 16:00:59 ALS Bottle#: 34 Worklist Smp#: 17  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087198-017  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 16:24:16 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 16:24:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	3.377	3.387	-0.010	90119	20.0	20.0	M
2	2.823	2.827	-0.004	41320	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	5.187	5.197	-0.010	231047	100.0	89.0	
2	4.213	4.217	-0.004	226288	100.0	100.5	
RPD = 12.10							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	6.217	6.237	-0.020	42990	1000.0	903.1	M
1	7.000	7.017	-0.017	62059	1000.0	827.5	M
1	7.823	7.843	-0.020	153877	1000.0	927.6	M
1	8.063	8.083	-0.020	74355	1000.0	1082.3	M
1	8.240	8.260	-0.020	66289	1000.0	1020.8	M
1	9.103	9.123	-0.020	77776	1000.0	993.5	M
1	9.553	9.573	-0.020	114811	1000.0	1163.2	M
1	9.623	9.637	-0.014	102078	1000.0	1032.5	M

Average of Peak Amounts = 993.8

2	4.937	4.960	-0.023	48299	1000.0	999.4	
2	5.587	5.610	-0.023	89677	1000.0	982.2	
2	5.930	5.957	-0.027	58228	1000.0	993.6	
2	6.400	6.427	-0.027	169723	1000.0	1021.6	
2	6.630	6.657	-0.027	75123	1000.0	1011.5	
2	7.337	7.363	-0.026	78521	1000.0	1045.1	
2	8.080	8.083	-0.003	121009	1000.0	1037.6	
2	8.410	8.453	-0.043	63541	1000.0	1019.8	

Average of Peak Amounts = 1013.9

RPD = 2.00

\$ 11 DCB Decachlorobiphenyl

1	17.037	17.040	-0.003	374370	100.0	99.6	
2	15.180	15.187	-0.007	264539	100.0	104.0	

RPD = 4.36

S 12 Polychlorinated biphenyls, Total

1						993.8	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L4\_00026

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190228-87198.b\7R002278.D

Injection Date: 28-Feb-2019 16:00:59

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 17

Client ID:

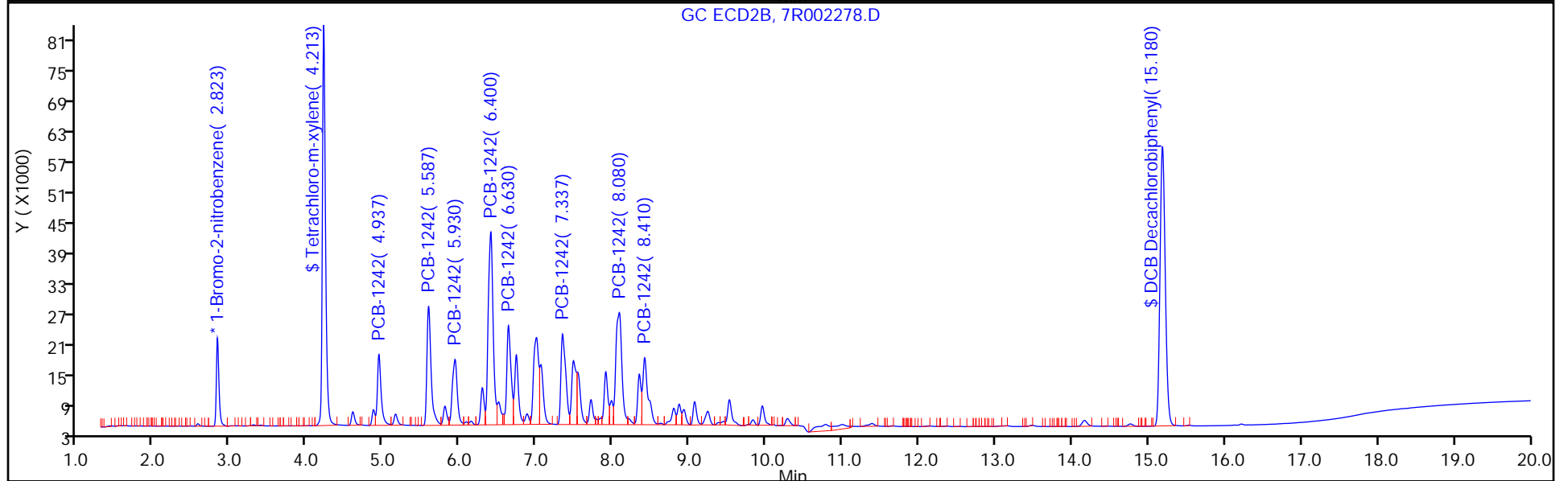
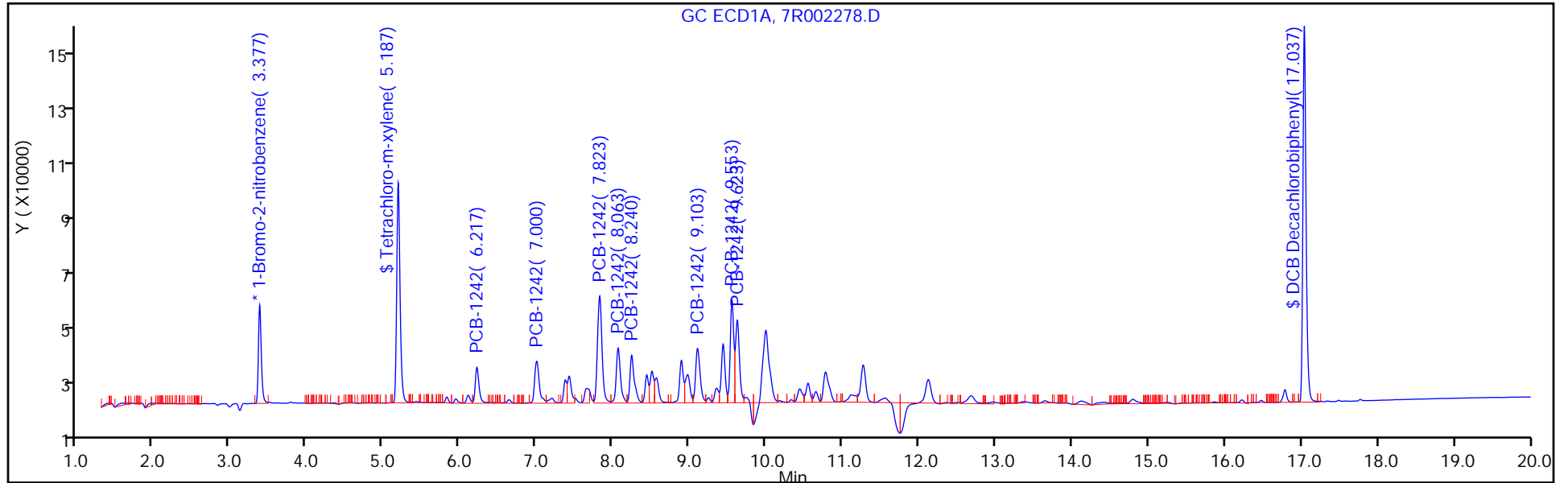
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 34

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-594003/2 Calibration Date: 03/08/2019 04:38  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002463.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0122	0.0105		867	1000	-13.3	20.0
PCB-1016 Peak 2	Ave	0.0189	0.0160		848	1000	-15.2	20.0
PCB-1016 Peak 3	Ave	0.0453	0.0403		890	1000	-11.0	20.0
PCB-1016 Peak 4	Ave	0.0172	0.0198		1160	1000	15.5	20.0
PCB-1016 Peak 5	Ave	0.0168	0.0177		1050	1000	5.3	20.0
PCB-1016 Peak 6	Ave	0.0154	0.0136		882	1000	-11.8	20.0
PCB-1016 Peak 7	Ave	0.0198	0.0203		1020	1000	2.2	20.0
PCB-1016 Peak 8	Ave	0.0174	0.0189		1090	1000	8.6	20.0
PCB-1260 Peak 1	Ave	0.0435	0.0480		1100	1000	10.3	20.0
PCB-1260 Peak 2	Ave	0.0697	0.0812		1160	1000	16.4	20.0
PCB-1260 Peak 3	Ave	0.1049	0.0865		824	1000	-17.6	20.0
PCB-1260 Peak 4	Ave	0.0718	0.0767		1070	1000	6.8	20.0
PCB-1260 Peak 5	Ave	0.0653	0.0672		1030	1000	2.9	20.0
PCB-1260 Peak 6	Ave	0.1354	0.1420		1050	1000	4.9	20.0
PCB-1260 Peak 7	Ave	0.0958	0.1001		1040	1000	4.5	20.0
PCB-1260 Peak 8	Ave	0.0296	0.0298		1010	1000	0.6	20.0
Tetrachloro-m-xylene	Ave	0.5759	0.5310		92.2	100	-7.8	20.0
DCB Decachlorobiphenyl	Ave	0.8342	0.8471		102	100	1.5	20.0



FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-594003/2 Calibration Date: 03/08/2019 04:38  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002463.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	6.22	6.15	6.29
PCB-1016 Peak 2	7.00	6.93	7.07
PCB-1016 Peak 3	7.82	7.75	7.89
PCB-1016 Peak 4	8.06	7.99	8.13
PCB-1016 Peak 5	8.24	8.17	8.31
PCB-1016 Peak 6	8.89	8.82	8.96
PCB-1016 Peak 7	9.10	9.03	9.17
PCB-1016 Peak 8	9.62	9.55	9.69
PCB-1260 Peak 1	10.85	10.78	10.92
PCB-1260 Peak 2	11.19	11.12	11.26
PCB-1260 Peak 3	11.70	11.63	11.77
PCB-1260 Peak 4	12.96	12.89	13.03
PCB-1260 Peak 5	13.75	13.68	13.82
PCB-1260 Peak 6	14.41	14.34	14.48
PCB-1260 Peak 7	15.25	15.18	15.32
PCB-1260 Peak 8	16.34	16.27	16.41
Tetrachloro-m-xylene	5.19	5.14	5.24
DCB Decachlorobiphenyl	17.03	16.93	17.13

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002463.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 08-Mar-2019 04:38:57 ALS Bottle#: 80 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-002  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 11:43:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.380	3.380	0.000	81865	20.0	20.0	
2	2.823	2.823	0.000	37245	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.190	5.190	0.000	217356	100.0	92.2	
2	4.213	4.213	0.000	216091	100.0	106.5	
						RPD = 14.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.217	6.217	0.000	43152	1000.0	866.6	
1	7.000	7.000	0.000	65602	1000.0	847.5	M
1	7.823	7.823	0.000	164968	1000.0	889.6	M
1	8.063	8.063	0.000	81222	1000.0	1155.3	M
1	8.240	8.240	0.000	72422	1000.0	1053.3	M
1	8.890	8.890	0.000	55674	1000.0	882.4	M
1	9.103	9.103	0.000	83013	1000.0	1022.3	M
1	9.617	9.617	0.000	77339	1000.0	1086.2	M

Average of Peak Amounts = 975.4

2	4.933	4.933	0.000	51551	1000.0	1014.5	
2	5.583	5.583	0.000	98298	1000.0	990.0	
2	5.930	5.930	0.000	64463	1000.0	1014.4	
2	6.397	6.397	0.000	186565	1000.0	1037.6	
2	6.627	6.627	0.000	84090	1000.0	1028.8	
2	6.730	6.730	0.000	54025	1000.0	1029.3	
2	7.333	7.333	0.000	87399	1000.0	1098.4	
2	7.977	7.977	0.000	54093	1000.0	1098.0	

Average of Peak Amounts = 1038.9

RPD = 6.30

8 PCB-1260

							M
1	10.853	10.853	0.000	196574	1000.0	1103.0	M
1	11.193	11.193	0.000	332241	1000.0	1164.1	M
1	11.703	11.703	0.000	353880	1000.0	824.3	
1	12.960	12.960	0.000	313948	1000.0	1067.6	
1	13.747	13.747	0.000	275145	1000.0	1029.1	
1	14.413	14.413	0.000	581306	1000.0	1048.5	
1	15.247	15.247	0.000	409677	1000.0	1044.9	
1	16.343	16.343	0.000	122065	1000.0	1006.2	

Average of Peak Amounts = 1036.0

2	9.367	9.367	0.000	129432	1000.0	1076.8	
2	10.273	10.273	0.000	230803	1000.0	1125.5	
2	10.487	10.487	0.000	98562	1000.0	1011.7	
2	10.947	10.947	0.000	107540	1000.0	1017.8	
2	11.643	11.643	0.000	249632	1000.0	1067.3	
2	12.353	12.353	0.000	136493	1000.0	1095.4	
2	12.613	12.613	0.000	69494	1000.0	1104.9	
2	14.073	14.073	0.000	66385	1000.0	1164.8	

Average of Peak Amounts = 1083.0

RPD = 4.44

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	346718	100.0	101.5	
2	15.177	15.177	0.000	256043	100.0	111.7	

RPD = 9.54

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002463.D

Injection Date: 08-Mar-2019 04:38:57

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

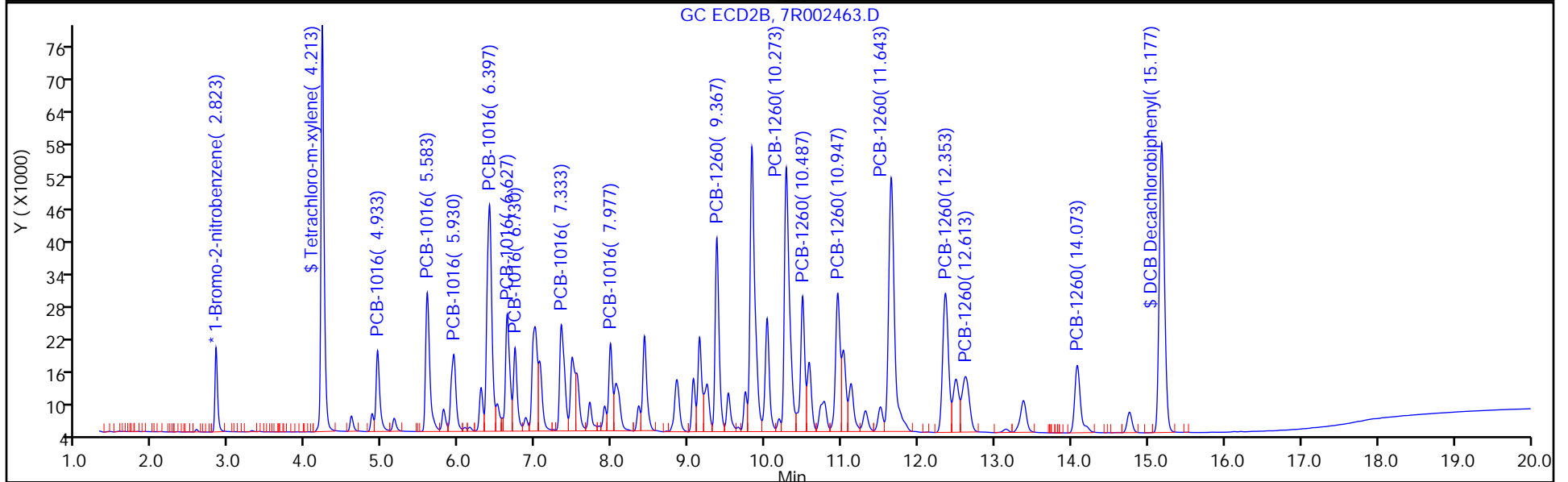
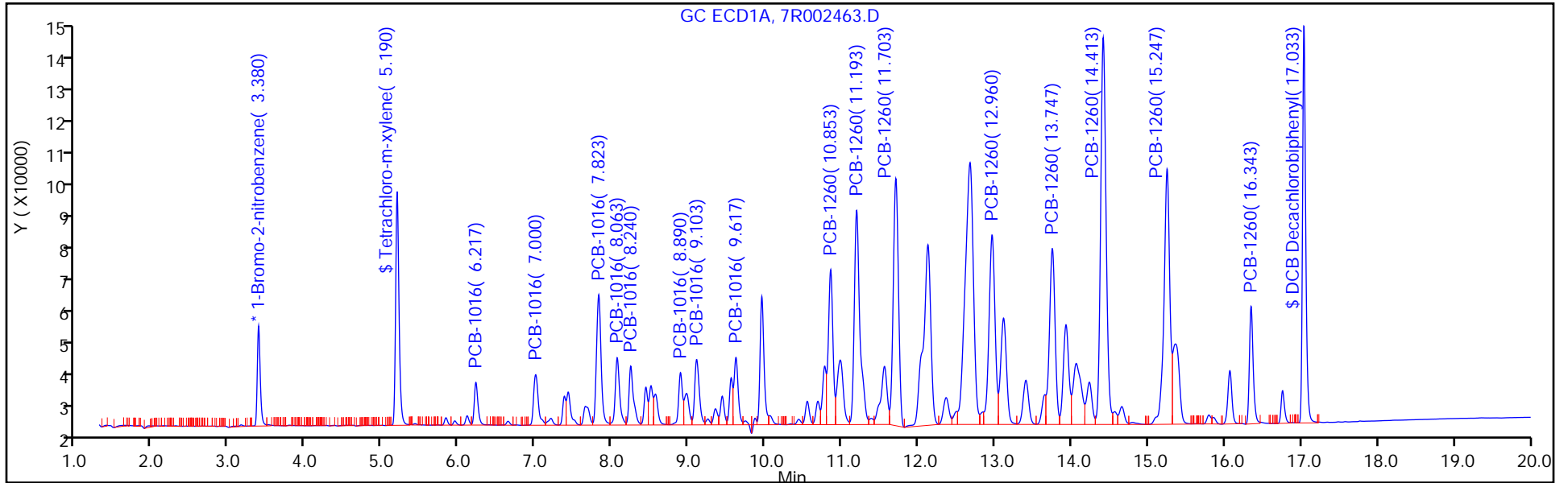
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 80

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-594003/2 Calibration Date: 03/08/2019 04:38  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002463.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0273	0.0277		1010	1000	1.4	20.0
PCB-1016 Peak 2	Ave	0.0533	0.0528		990	1000	-1.0	20.0
PCB-1016 Peak 3	Ave	0.0341	0.0346		1010	1000	1.4	20.0
PCB-1016 Peak 4	Ave	0.0966	0.1002		1040	1000	3.8	20.0
PCB-1016 Peak 5	Ave	0.0439	0.0452		1030	1000	2.9	20.0
PCB-1016 Peak 6	Ave	0.0282	0.0290		1030	1000	2.9	20.0
PCB-1016 Peak 7	Ave	0.0427	0.0469		1100	1000	9.8	20.0
PCB-1016 Peak 8	Ave	0.0265	0.0291		1100	1000	9.8	20.0
PCB-1260 Peak 1	Ave	0.0645	0.0695		1080	1000	7.7	20.0
PCB-1260 Peak 2	Ave	0.1101	0.1239		1130	1000	12.5	20.0
PCB-1260 Peak 3	Ave	0.0523	0.0529		1010	1000	1.2	20.0
PCB-1260 Peak 4	Ave	0.0567	0.0578		1020	1000	1.8	20.0
PCB-1260 Peak 5	Ave	0.1256	0.1341		1070	1000	6.7	20.0
PCB-1260 Peak 6	Ave	0.0669	0.0733		1100	1000	9.5	20.0
PCB-1260 Peak 7	Ave	0.0338	0.0373		1100	1000	10.5	20.0
PCB-1260 Peak 8	Ave	0.0306	0.0357		1160	1000	16.5	20.0
Tetrachloro-m-xylene	Ave	1.090	1.160		106	100	6.5	20.0
DCB Decachlorobiphenyl	Ave	1.231	1.375		112	100	11.7	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-594003/2 Calibration Date: 03/08/2019 04:38  
 Instrument ID: CPESTGC7 Calib Start Date: 01/21/2019 17:21  
 GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 01/21/2019 18:57  
 Lab File ID: 7R002463.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.93	4.86	5.00
PCB-1016 Peak 2	5.58	5.51	5.65
PCB-1016 Peak 3	5.93	5.86	6.00
PCB-1016 Peak 4	6.40	6.33	6.47
PCB-1016 Peak 5	6.63	6.56	6.70
PCB-1016 Peak 6	6.73	6.66	6.80
PCB-1016 Peak 7	7.33	7.26	7.40
PCB-1016 Peak 8	7.98	7.91	8.05
PCB-1260 Peak 1	9.37	9.30	9.44
PCB-1260 Peak 2	10.27	10.20	10.34
PCB-1260 Peak 3	10.49	10.42	10.56
PCB-1260 Peak 4	10.95	10.88	11.02
PCB-1260 Peak 5	11.64	11.57	11.71
PCB-1260 Peak 6	12.35	12.28	12.42
PCB-1260 Peak 7	12.61	12.54	12.68
PCB-1260 Peak 8	14.07	14.00	14.14
Tetrachloro-m-xylene	4.21	4.16	4.26
DCB Decachlorobiphenyl	15.18	15.08	15.28

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002463.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 08-Mar-2019 04:38:57 ALS Bottle#: 80 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-002  
 Operator ID: Instrument ID: CPESTGC7  
 Sublist: chrom-8082.ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 11:43:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.380	3.380	0.000	81865	20.0	20.0	
2	2.823	2.823	0.000	37245	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.190	5.190	0.000	217356	100.0	92.2	
2	4.213	4.213	0.000	216091	100.0	106.5	
						RPD = 14.37	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.217	6.217	0.000	43152	1000.0	866.6	
1	7.000	7.000	0.000	65602	1000.0	847.5	M
1	7.823	7.823	0.000	164968	1000.0	889.6	M
1	8.063	8.063	0.000	81222	1000.0	1155.3	M
1	8.240	8.240	0.000	72422	1000.0	1053.3	M
1	8.890	8.890	0.000	55674	1000.0	882.4	M
1	9.103	9.103	0.000	83013	1000.0	1022.3	M
1	9.617	9.617	0.000	77339	1000.0	1086.2	M

Average of Peak Amounts = 975.4

2	4.933	4.933	0.000	51551	1000.0	1014.5	
2	5.583	5.583	0.000	98298	1000.0	990.0	
2	5.930	5.930	0.000	64463	1000.0	1014.4	
2	6.397	6.397	0.000	186565	1000.0	1037.6	
2	6.627	6.627	0.000	84090	1000.0	1028.8	
2	6.730	6.730	0.000	54025	1000.0	1029.3	
2	7.333	7.333	0.000	87399	1000.0	1098.4	
2	7.977	7.977	0.000	54093	1000.0	1098.0	

Average of Peak Amounts = 1038.9

RPD = 6.30

8 PCB-1260

							M
1	10.853	10.853	0.000	196574	1000.0	1103.0	M
1	11.193	11.193	0.000	332241	1000.0	1164.1	M
1	11.703	11.703	0.000	353880	1000.0	824.3	
1	12.960	12.960	0.000	313948	1000.0	1067.6	
1	13.747	13.747	0.000	275145	1000.0	1029.1	
1	14.413	14.413	0.000	581306	1000.0	1048.5	
1	15.247	15.247	0.000	409677	1000.0	1044.9	
1	16.343	16.343	0.000	122065	1000.0	1006.2	

Average of Peak Amounts = 1036.0

2	9.367	9.367	0.000	129432	1000.0	1076.8	
2	10.273	10.273	0.000	230803	1000.0	1125.5	
2	10.487	10.487	0.000	98562	1000.0	1011.7	
2	10.947	10.947	0.000	107540	1000.0	1017.8	
2	11.643	11.643	0.000	249632	1000.0	1067.3	
2	12.353	12.353	0.000	136493	1000.0	1095.4	
2	12.613	12.613	0.000	69494	1000.0	1104.9	
2	14.073	14.073	0.000	66385	1000.0	1164.8	

Average of Peak Amounts = 1083.0

RPD = 4.44

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	346718	100.0	101.5	
2	15.177	15.177	0.000	256043	100.0	111.7	

RPD = 9.54

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002463.D

Injection Date: 08-Mar-2019 04:38:57

Instrument ID: CPESTGC7

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

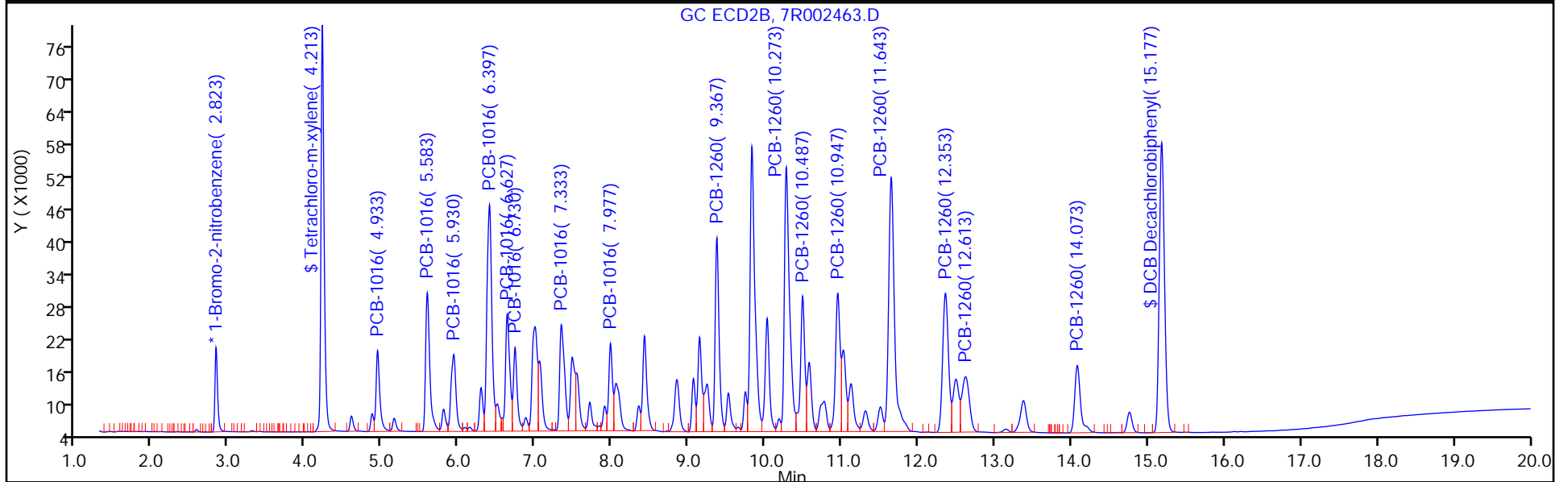
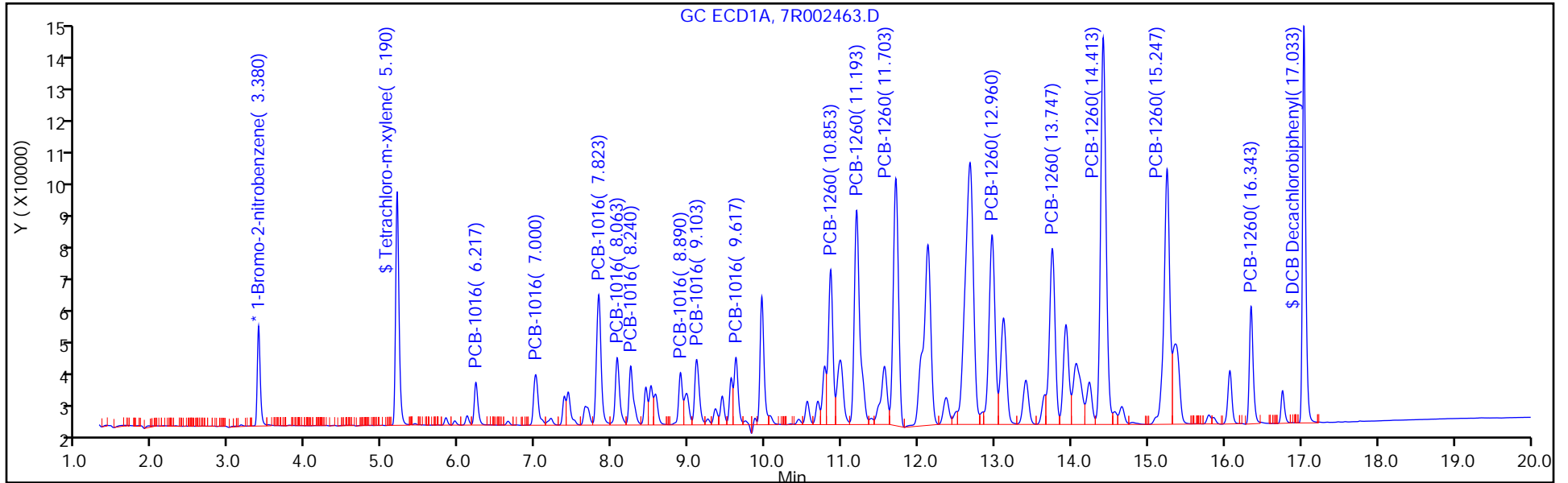
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 80

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-591982/2 Calibration Date: 02/27/2019 04:44  
 Instrument ID: CPESTGC8 Calib Start Date: 01/23/2019 11:55  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/23/2019 13:06  
 Lab File ID: 8F135724.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0230	0.0239		1040	1000	3.6	20.0
PCB-1016 Peak 2	Ave	0.0512	0.0546		1070	1000	6.7	20.0
PCB-1016 Peak 3	Ave	0.0887	0.0924		1040	1000	4.1	20.0
PCB-1016 Peak 4	Ave	0.0397	0.0416		1050	1000	4.7	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0295		1060	1000	6.2	20.0
PCB-1016 Peak 6	Ave	0.0293	0.0313		1070	1000	6.7	20.0
PCB-1016 Peak 7	Ave	0.0341	0.0369		1080	1000	8.2	20.0
PCB-1016 Peak 8	Ave	0.0340	0.0360		1060	1000	5.7	20.0
PCB-1260 Peak 1	Ave	0.0293	0.0306		1050	1000	4.6	20.0
PCB-1260 Peak 2	Ave	0.0685	0.0741		1080	1000	8.2	20.0
PCB-1260 Peak 3	Ave	0.0767	0.0803		1050	1000	4.6	20.0
PCB-1260 Peak 4	Ave	0.0480	0.0501		1040	1000	4.3	20.0
PCB-1260 Peak 5	Ave	0.0507	0.0523		1030	1000	3.2	20.0
PCB-1260 Peak 6	Ave	0.1120	0.1167		1040	1000	4.2	20.0
PCB-1260 Peak 7	Ave	0.0811	0.0893		1100	1000	10.1	20.0
PCB-1260 Peak 8	Ave	0.0277	0.0297		1070	1000	7.1	20.0
Tetrachloro-m-xylene	Ave	1.055	1.125		107	100	6.6	20.0
DCB Decachlorobiphenyl	Ave	1.115	1.239		111	100	11.2	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-591982/2 Calibration Date: 02/27/2019 04:44  
 Instrument ID: CPESTGC8 Calib Start Date: 01/23/2019 11:55  
 GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/23/2019 13:06  
 Lab File ID: 8F135724.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.82	2.79	2.85
PCB-1016 Peak 2	3.30	3.27	3.33
PCB-1016 Peak 3	3.84	3.81	3.87
PCB-1016 Peak 4	4.00	3.97	4.03
PCB-1016 Peak 5	4.11	4.08	4.14
PCB-1016 Peak 6	4.56	4.53	4.59
PCB-1016 Peak 7	4.71	4.68	4.74
PCB-1016 Peak 8	5.08	5.05	5.11
PCB-1260 Peak 1	5.96	5.93	5.99
PCB-1260 Peak 2	6.18	6.15	6.21
PCB-1260 Peak 3	6.52	6.49	6.55
PCB-1260 Peak 4	7.26	7.23	7.29
PCB-1260 Peak 5	7.78	7.75	7.81
PCB-1260 Peak 6	8.32	8.29	8.35
PCB-1260 Peak 7	9.07	9.04	9.10
PCB-1260 Peak 8	10.08	10.05	10.11
Tetrachloro-m-xylene	2.27	2.24	2.30
DCB Decachlorobiphenyl	10.69	10.66	10.72

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135724.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 27-Feb-2019 04:44:11 ALS Bottle#: 35 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087113-002  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 11:13:50 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: manlangitf Date: 27-Feb-2019 05:05:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.416	1.416	0.000	1751078	20.0	20.0	
2	1.397	1.397	0.000	1610769	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.273	2.273	0.000	9848312	100.0	106.6	M
2	2.060	2.060	0.000	10743867	100.0	97.7	M
						RPD = 8.71	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	2.823	2.823	0.000	2089560	1000.0	1035.8	
1	3.300	3.300	0.000	4782291	1000.0	1067.3	
1	3.839	3.839	0.000	8085425	1000.0	1041.3	
1	3.998	3.998	0.000	3643946	1000.0	1047.4	
1	4.114	4.114	0.000	2585801	1000.0	1062.0	
1	4.563	4.563	0.000	2737477	1000.0	1067.4	
1	4.710	4.710	0.000	3233626	1000.0	1081.6	
1	5.075	5.075	0.000	3151249	1000.0	1057.3	M

Average of Peak Amounts = 1057.5

2	2.443	2.443	0.000	2558761	1000.0	985.6	
2	2.826	2.826	0.000	5018692	1000.0	967.8	
2	3.043	3.043	0.000	3227881	1000.0	984.8	
2	3.340	3.340	0.000	9883270	1000.0	1002.7	
2	3.492	3.492	0.000	3879453	1000.0	979.6	
2	3.559	3.559	0.000	2558404	1000.0	979.1	
2	3.965	3.965	0.000	4342611	1000.0	987.2	
2	4.407	4.407	0.000	2506617	1000.0	1035.4	

Average of Peak Amounts = 990.3

RPD = 6.57

8 PCB-1260

1	5.960	5.960	0.000	2681707	1000.0	1046.4	
1	6.183	6.183	0.000	6488595	1000.0	1082.1	
1	6.523	6.523	0.000	7027048	1000.0	1046.3	
1	7.261	7.261	0.000	4388015	1000.0	1043.1	
1	7.783	7.783	0.000	4577822	1000.0	1031.6	
1	8.316	8.316	0.000	10219238	1000.0	1042.1	
1	9.071	9.071	0.000	7820551	1000.0	1101.3	
1	10.083	10.083	0.000	2599069	1000.0	1071.3	

Average of Peak Amounts = 1058.0

2	5.401	5.401	0.000	6489644	1000.0	978.3	
2	6.128	6.128	0.000	11615252	1000.0	1043.4	
2	6.300	6.300	0.000	4671193	1000.0	912.5	
2	6.664	6.664	0.000	5446557	1000.0	988.0	
2	7.182	7.182	0.000	12749734	1000.0	991.6	
2	7.669	7.669	0.000	6717558	1000.0	993.5	
2	7.832	7.832	0.000	3664021	1000.0	1024.3	
2	8.932	8.932	0.000	3222438	1000.0	968.7	

Average of Peak Amounts = 987.5

RPD = 6.89

\$ 11 DCB Decachlorobiphenyl

1	10.693	10.693	0.000	10850821	100.0	111.2	
2	9.825	9.825	0.000	12675449	100.0	102.3	

RPD = 8.29

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135724.D

Injection Date: 27-Feb-2019 04:44:11

Instrument ID: CPESTGC8

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

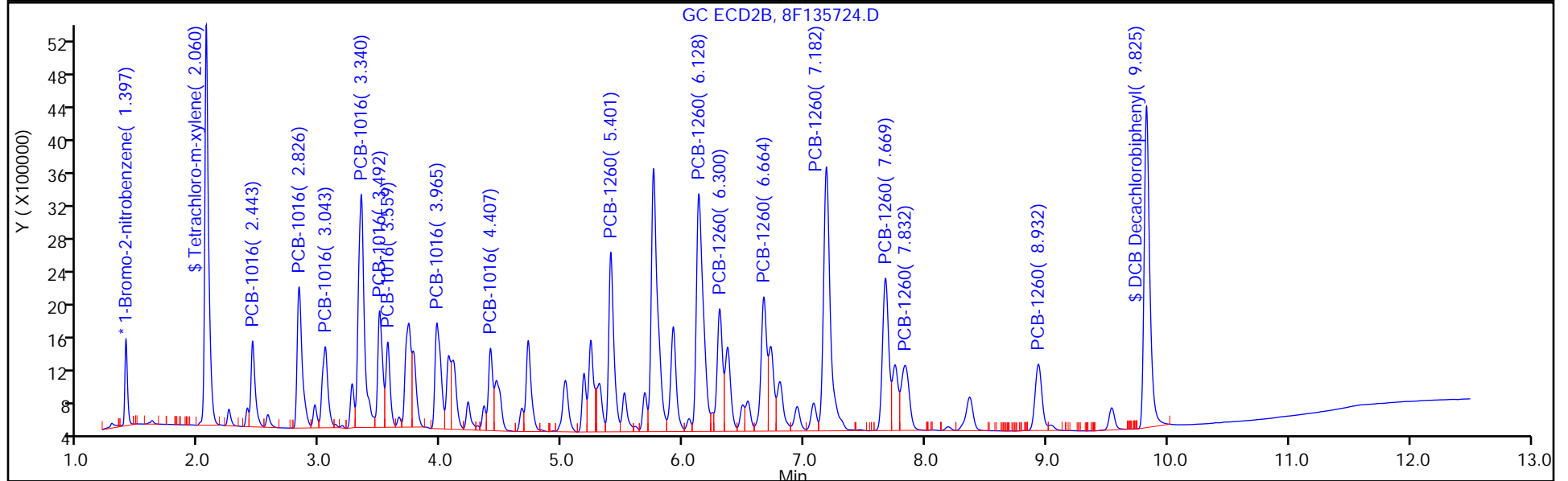
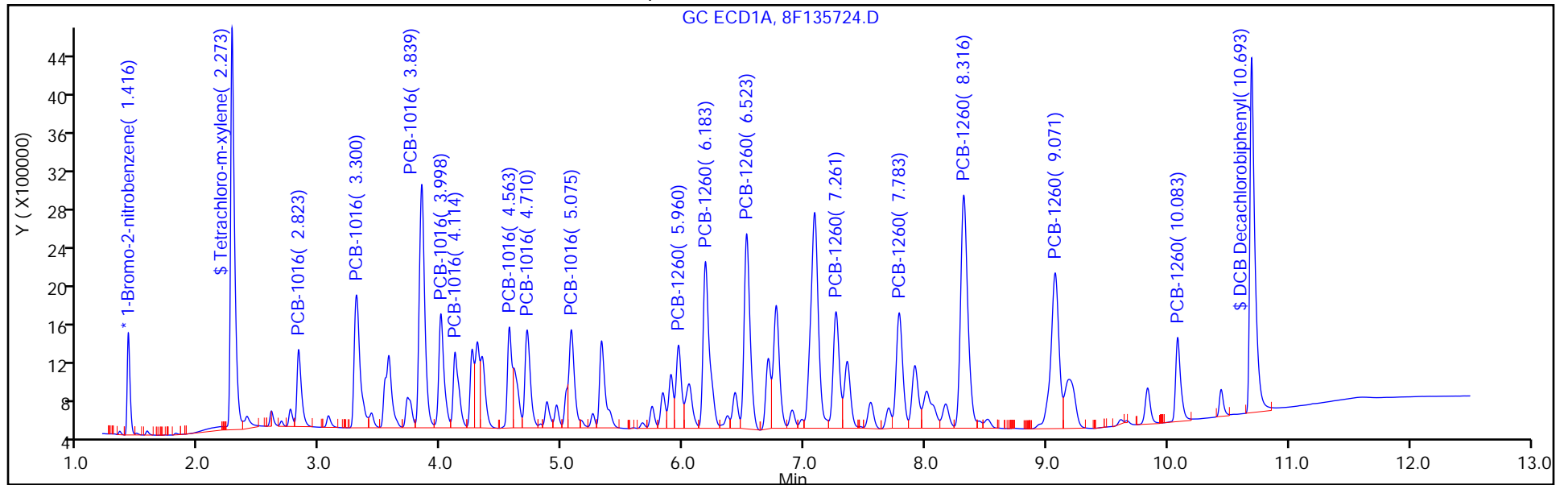
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 35

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-591982/2 Calibration Date: 02/27/2019 04:44  
 Instrument ID: CPESTGC8 Calib Start Date: 01/23/2019 11:55  
 GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/23/2019 13:06  
 Lab File ID: 8F135724.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0322	0.0318		986	1000	-1.4	20.0
PCB-1016 Peak 2	Ave	0.0644	0.0623		968	1000	-3.2	20.0
PCB-1016 Peak 3	Ave	0.0407	0.0401		985	1000	-1.5	20.0
PCB-1016 Peak 4	Ave	0.1224	0.1227		1000	1000	0.3	20.0
PCB-1016 Peak 5	Ave	0.0492	0.0482		980	1000	-2.0	20.0
PCB-1016 Peak 6	Ave	0.0324	0.0318		979	1000	-2.1	20.0
PCB-1016 Peak 7	Ave	0.0546	0.0539		987	1000	-1.3	20.0
PCB-1016 Peak 8	Ave	0.0301	0.0311		1040	1000	3.5	20.0
PCB-1260 Peak 1	Ave	0.0824	0.0806		978	1000	-2.2	20.0
PCB-1260 Peak 2	Ave	0.1382	0.1442		1040	1000	4.3	20.0
PCB-1260 Peak 3	Ave	0.0636	0.0580		912	1000	-8.8	20.0
PCB-1260 Peak 4	Ave	0.0685	0.0676		988	1000	-1.2	20.0
PCB-1260 Peak 5	Ave	0.1596	0.1583		992	1000	-0.8	20.0
PCB-1260 Peak 6	Ave	0.0840	0.0834		994	1000	-0.6	20.0
PCB-1260 Peak 7	Ave	0.0444	0.0455		1020	1000	2.4	20.0
PCB-1260 Peak 8	Ave	0.0413	0.0400		969	1000	-3.1	20.0
Tetrachloro-m-xylene	Ave	1.365	1.334		97.7	100	-2.3	20.0
DCB Decachlorobiphenyl	Ave	1.538	1.574		102	100	2.3	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-591982/2 Calibration Date: 02/27/2019 04:44  
 Instrument ID: CPESTGC8 Calib Start Date: 01/23/2019 11:55  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 01/23/2019 13:06  
 Lab File ID: 8F135724.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.44	2.41	2.47
PCB-1016 Peak 2	2.83	2.80	2.86
PCB-1016 Peak 3	3.04	3.01	3.07
PCB-1016 Peak 4	3.34	3.31	3.37
PCB-1016 Peak 5	3.49	3.46	3.52
PCB-1016 Peak 6	3.56	3.53	3.59
PCB-1016 Peak 7	3.97	3.94	4.00
PCB-1016 Peak 8	4.41	4.38	4.44
PCB-1260 Peak 1	5.40	5.37	5.43
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.66	6.63	6.69
PCB-1260 Peak 5	7.18	7.15	7.21
PCB-1260 Peak 6	7.67	7.64	7.70
PCB-1260 Peak 7	7.83	7.80	7.86
PCB-1260 Peak 8	8.93	8.90	8.96
Tetrachloro-m-xylene	2.06	2.03	2.09
DCB Decachlorobiphenyl	9.83	9.80	9.86

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135724.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 27-Feb-2019 04:44:11 ALS Bottle#: 35 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087113-002  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 11:13:50 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: manlangitf Date: 27-Feb-2019 05:05:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.416	1.416	0.000	1751078	20.0	20.0	
2	1.397	1.397	0.000	1610769	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.273	2.273	0.000	9848312	100.0	106.6	M
2	2.060	2.060	0.000	10743867	100.0	97.7	M
						RPD = 8.71	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.823	2.823	0.000	2089560	1000.0	1035.8	
1	3.300	3.300	0.000	4782291	1000.0	1067.3	
1	3.839	3.839	0.000	8085425	1000.0	1041.3	
1	3.998	3.998	0.000	3643946	1000.0	1047.4	
1	4.114	4.114	0.000	2585801	1000.0	1062.0	
1	4.563	4.563	0.000	2737477	1000.0	1067.4	
1	4.710	4.710	0.000	3233626	1000.0	1081.6	
1	5.075	5.075	0.000	3151249	1000.0	1057.3	M

Average of Peak Amounts = 1057.5

2	2.443	2.443	0.000	2558761	1000.0	985.6	
2	2.826	2.826	0.000	5018692	1000.0	967.8	
2	3.043	3.043	0.000	3227881	1000.0	984.8	
2	3.340	3.340	0.000	9883270	1000.0	1002.7	
2	3.492	3.492	0.000	3879453	1000.0	979.6	
2	3.559	3.559	0.000	2558404	1000.0	979.1	
2	3.965	3.965	0.000	4342611	1000.0	987.2	
2	4.407	4.407	0.000	2506617	1000.0	1035.4	

Average of Peak Amounts = 990.3

RPD = 6.57

8 PCB-1260

1	5.960	5.960	0.000	2681707	1000.0	1046.4	
1	6.183	6.183	0.000	6488595	1000.0	1082.1	
1	6.523	6.523	0.000	7027048	1000.0	1046.3	
1	7.261	7.261	0.000	4388015	1000.0	1043.1	
1	7.783	7.783	0.000	4577822	1000.0	1031.6	
1	8.316	8.316	0.000	10219238	1000.0	1042.1	
1	9.071	9.071	0.000	7820551	1000.0	1101.3	
1	10.083	10.083	0.000	2599069	1000.0	1071.3	

Average of Peak Amounts = 1058.0

2	5.401	5.401	0.000	6489644	1000.0	978.3	
2	6.128	6.128	0.000	11615252	1000.0	1043.4	
2	6.300	6.300	0.000	4671193	1000.0	912.5	
2	6.664	6.664	0.000	5446557	1000.0	988.0	
2	7.182	7.182	0.000	12749734	1000.0	991.6	
2	7.669	7.669	0.000	6717558	1000.0	993.5	
2	7.832	7.832	0.000	3664021	1000.0	1024.3	
2	8.932	8.932	0.000	3222438	1000.0	968.7	

Average of Peak Amounts = 987.5

RPD = 6.89

\$ 11 DCB Decachlorobiphenyl

1	10.693	10.693	0.000	10850821	100.0	111.2	
2	9.825	9.825	0.000	12675449	100.0	102.3	

RPD = 8.29

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135724.D

Injection Date: 27-Feb-2019 04:44:11

Instrument ID: CPESTGC8

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

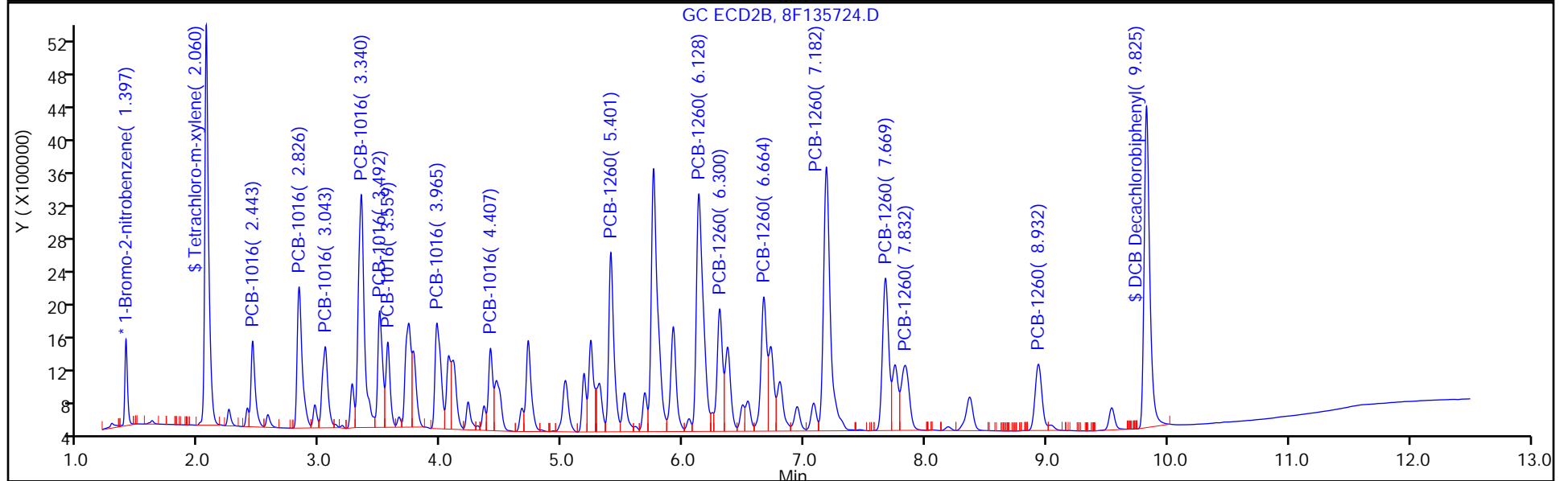
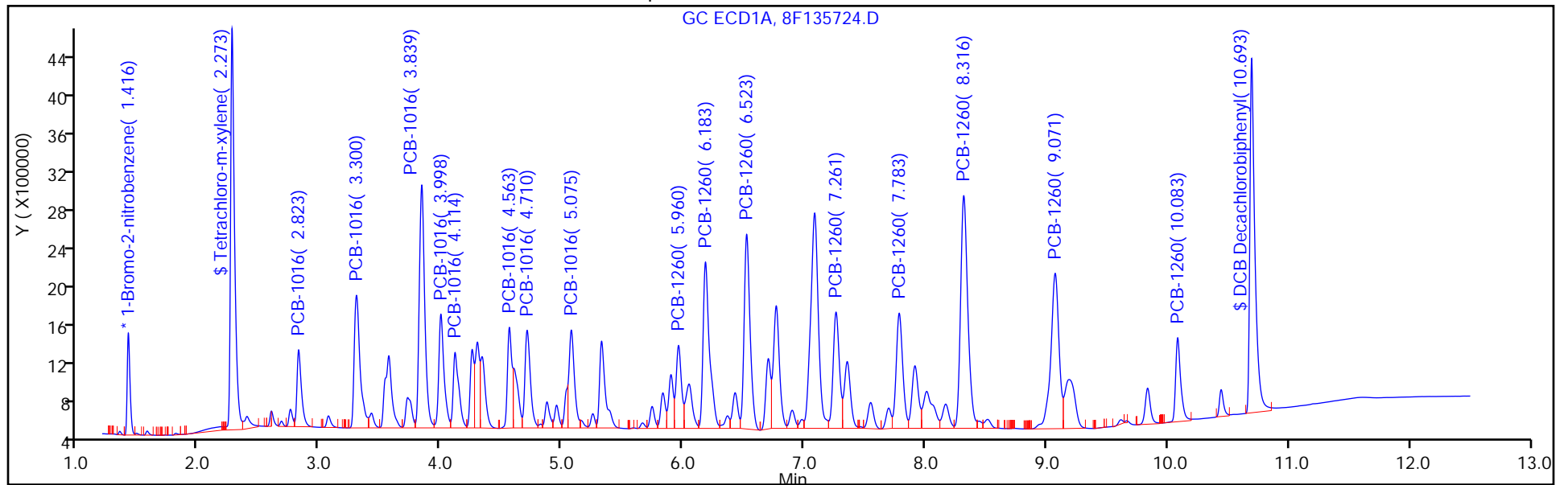
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 35

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592263/2 Calibration Date: 02/28/2019 04:57  
 Instrument ID: CPESTGC8 Calib Start Date: 01/23/2019 11:55  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/23/2019 13:06  
 Lab File ID: 8F135756.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0230	0.0233		1010	1000	1.2	20.0
PCB-1016 Peak 2	Ave	0.0512	0.0533		1040	1000	4.2	20.0
PCB-1016 Peak 3	Ave	0.0887	0.0909		1030	1000	2.5	20.0
PCB-1016 Peak 4	Ave	0.0397	0.0410		1030	1000	3.1	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0293		1050	1000	5.3	20.0
PCB-1016 Peak 6	Ave	0.0293	0.0307		1050	1000	4.8	20.0
PCB-1016 Peak 7	Ave	0.0341	0.0366		1070	1000	7.1	20.0
PCB-1016 Peak 8	Ave	0.0340	0.0360		1060	1000	5.8	20.0
PCB-1260 Peak 1	Ave	0.0293	0.0302		1030	1000	3.2	20.0
PCB-1260 Peak 2	Ave	0.0685	0.0737		1080	1000	7.6	20.0
PCB-1260 Peak 3	Ave	0.0767	0.0793		1030	1000	3.4	20.0
PCB-1260 Peak 4	Ave	0.0480	0.0501		1040	1000	4.2	20.0
PCB-1260 Peak 5	Ave	0.0507	0.0522		1030	1000	3.1	20.0
PCB-1260 Peak 6	Ave	0.1120	0.1152		1030	1000	2.9	20.0
PCB-1260 Peak 7	Ave	0.0811	0.0877		1080	1000	8.1	20.0
PCB-1260 Peak 8	Ave	0.0277	0.0295		1070	1000	6.5	20.0
Tetrachloro-m-xylene	Ave	1.055	1.098		104	100	4.1	20.0
DCB Decachlorobiphenyl	Ave	1.115	1.196		107	100	7.3	20.0



FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592263/2 Calibration Date: 02/28/2019 04:57  
 Instrument ID: CPESTGC8 Calib Start Date: 01/23/2019 11:55  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 01/23/2019 13:06  
 Lab File ID: 8F135756.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.82	2.79	2.85
PCB-1016 Peak 2	3.30	3.27	3.33
PCB-1016 Peak 3	3.83	3.80	3.86
PCB-1016 Peak 4	3.99	3.96	4.02
PCB-1016 Peak 5	4.11	4.08	4.14
PCB-1016 Peak 6	4.56	4.53	4.59
PCB-1016 Peak 7	4.70	4.67	4.73
PCB-1016 Peak 8	5.07	5.04	5.10
PCB-1260 Peak 1	5.95	5.92	5.98
PCB-1260 Peak 2	6.18	6.15	6.21
PCB-1260 Peak 3	6.52	6.49	6.55
PCB-1260 Peak 4	7.25	7.22	7.28
PCB-1260 Peak 5	7.77	7.74	7.80
PCB-1260 Peak 6	8.31	8.28	8.34
PCB-1260 Peak 7	9.06	9.03	9.09
PCB-1260 Peak 8	10.07	10.04	10.10
Tetrachloro-m-xylene	2.27	2.24	2.30
DCB Decachlorobiphenyl	10.67	10.64	10.70

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135756.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 28-Feb-2019 04:57:40 ALS Bottle#: 2 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-002  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 14:59:14 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 07:19:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.414	1.414	0.000	1870406	20.0	20.0	
2	1.396	1.396	0.000	1609868	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.269	2.269	0.000	10269463	100.0	104.1	
2	2.058	2.058	0.000	11184655	100.0	101.8	
						RPD = 2.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.819	2.819	0.000	2180802	1000.0	1012.0	
1	3.296	3.296	0.000	4988578	1000.0	1042.3	
1	3.834	3.834	0.000	8504769	1000.0	1025.4	
1	3.993	3.993	0.000	3830044	1000.0	1030.7	
1	4.109	4.109	0.000	2739600	1000.0	1053.4	
1	4.558	4.558	0.000	2871066	1000.0	1048.1	
1	4.704	4.704	0.000	3421506	1000.0	1071.4	
1	5.069	5.069	0.000	3368588	1000.0	1058.1	M

Average of Peak Amounts = 1042.7

2	2.441	2.441	0.000	2606612	1000.0	1004.6	
2	2.824	2.824	0.000	5227512	1000.0	1008.6	
2	3.040	3.040	0.000	3424933	1000.0	1045.5	
2	3.338	3.338	0.000	10477837	1000.0	1063.6	
2	3.489	3.489	0.000	4106380	1000.0	1037.5	
2	3.557	3.557	0.000	2732861	1000.0	1046.4	
2	3.962	3.962	0.000	4534647	1000.0	1031.4	
2	4.405	4.405	0.000	2628330	1000.0	1086.3	

Average of Peak Amounts = 1040.5

RPD = 0.21

8 PCB-1260

1	5.953	5.953	0.000	2825070	1000.0	1032.0	M
1	6.176	6.176	0.000	6888777	1000.0	1075.5	M
1	6.515	6.515	0.000	7416233	1000.0	1033.8	M
1	7.253	7.253	0.000	4683148	1000.0	1042.2	M
1	7.774	7.774	0.000	4885017	1000.0	1030.6	M
1	8.307	8.307	0.000	10775513	1000.0	1028.7	M
1	9.061	9.061	0.000	8196841	1000.0	1080.6	
1	10.072	10.072	0.000	2760409	1000.0	1065.2	

Average of Peak Amounts = 1048.6

2	5.397	5.397	0.000	6871125	1000.0	1036.4	
2	6.124	6.124	0.000	12295584	1000.0	1105.1	
2	6.296	6.296	0.000	4849589	1000.0	947.9	
2	6.660	6.660	0.000	5683780	1000.0	1031.6	
2	7.177	7.177	0.000	13251683	1000.0	1031.2	
2	7.664	7.664	0.000	7044894	1000.0	1042.5	
2	7.827	7.827	0.000	3863671	1000.0	1080.7	
2	8.927	8.927	0.000	3386499	1000.0	1018.6	

Average of Peak Amounts = 1036.7

RPD = 1.14

\$ 11 DCB Decachlorobiphenyl

1	10.673	10.673	0.000	11189294	100.0	107.3	
2	9.819	9.819	0.000	13002456	100.0	105.0	

RPD = 2.17

### QC Flag Legend

Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135756.D

Injection Date: 28-Feb-2019 04:57:40

Instrument ID: CPESTGC8

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

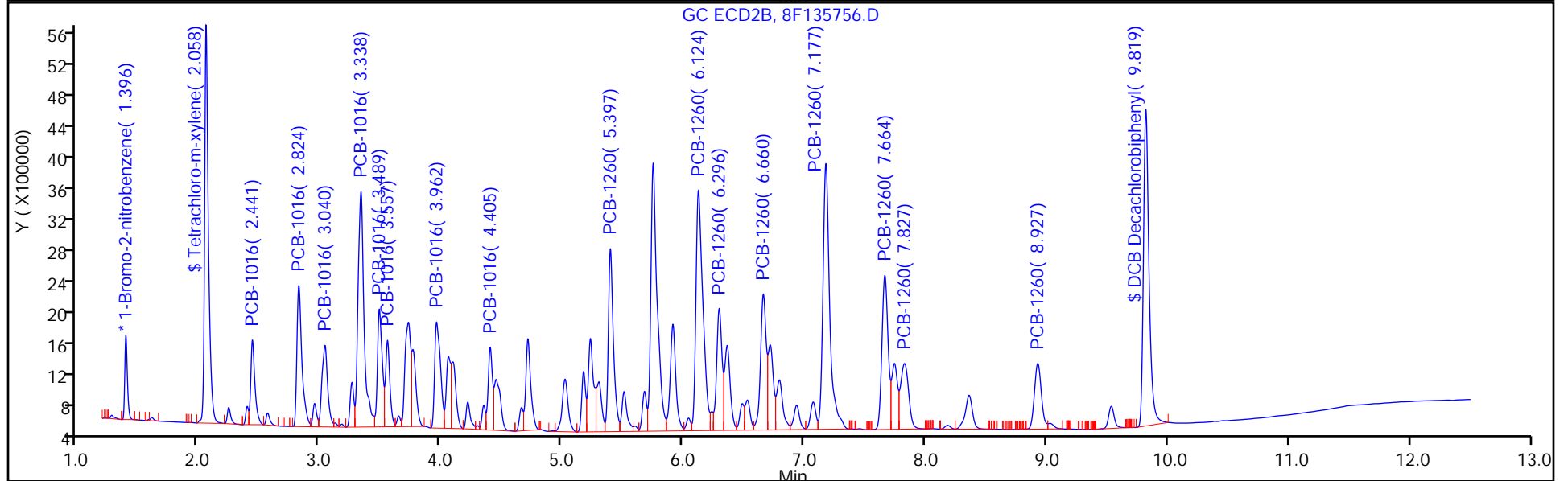
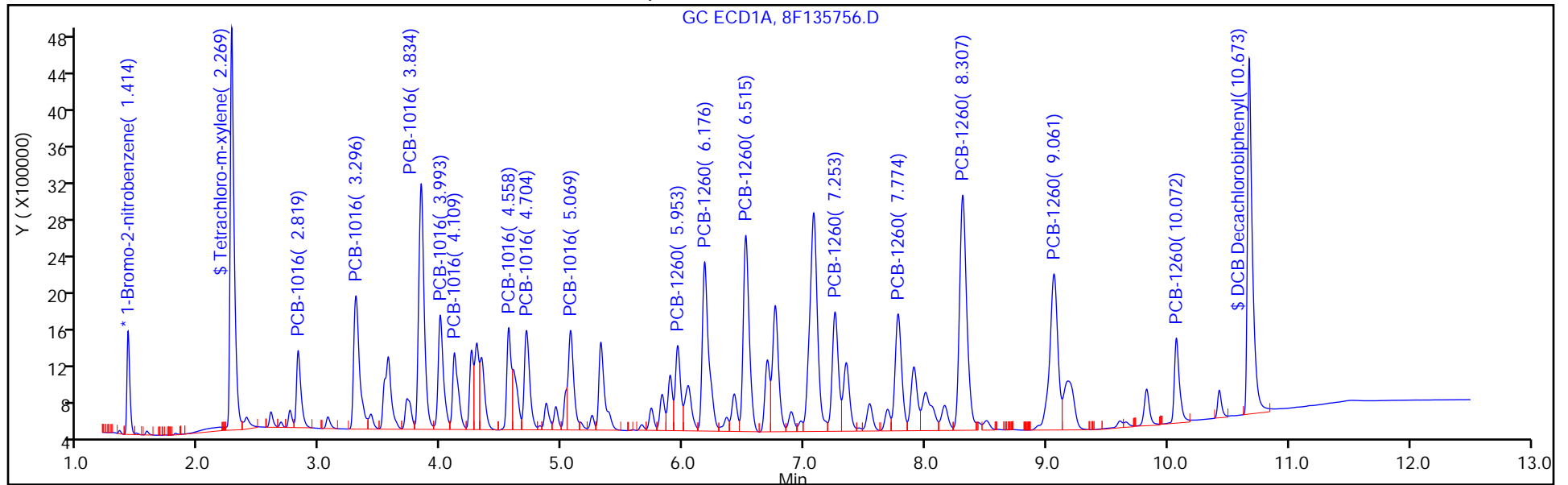
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592263/2 Calibration Date: 02/28/2019 04:57  
 Instrument ID: CPESTGC8 Calib Start Date: 01/23/2019 11:55  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 01/23/2019 13:06  
 Lab File ID: 8F135756.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0322	0.0324		1000	1000	0.5	20.0
PCB-1016 Peak 2	Ave	0.0644	0.0649		1010	1000	0.9	20.0
PCB-1016 Peak 3	Ave	0.0407	0.0426		1050	1000	4.6	20.0
PCB-1016 Peak 4	Ave	0.1224	0.1302		1060	1000	6.4	20.0
PCB-1016 Peak 5	Ave	0.0492	0.0510		1040	1000	3.7	20.0
PCB-1016 Peak 6	Ave	0.0324	0.0340		1050	1000	4.6	20.0
PCB-1016 Peak 7	Ave	0.0546	0.0563		1030	1000	3.1	20.0
PCB-1016 Peak 8	Ave	0.0301	0.0327		1090	1000	8.6	20.0
PCB-1260 Peak 1	Ave	0.0824	0.0854		1040	1000	3.6	20.0
PCB-1260 Peak 2	Ave	0.1382	0.1528		1110	1000	10.5	20.0
PCB-1260 Peak 3	Ave	0.0636	0.0603		948	1000	-5.2	20.0
PCB-1260 Peak 4	Ave	0.0685	0.0706		1030	1000	3.2	20.0
PCB-1260 Peak 5	Ave	0.1596	0.1646		1030	1000	3.1	20.0
PCB-1260 Peak 6	Ave	0.0840	0.0875		1040	1000	4.3	20.0
PCB-1260 Peak 7	Ave	0.0444	0.0480		1080	1000	8.1	20.0
PCB-1260 Peak 8	Ave	0.0413	0.0421		1020	1000	1.9	20.0
Tetrachloro-m-xylene	Ave	1.365	1.390		102	100	1.8	20.0
DCB Decachlorobiphenyl	Ave	1.538	1.615		105	100	5.0	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592263/2 Calibration Date: 02/28/2019 04:57  
 Instrument ID: CPESTGC8 Calib Start Date: 01/23/2019 11:55  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 01/23/2019 13:06  
 Lab File ID: 8F135756.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.44	2.41	2.47
PCB-1016 Peak 2	2.82	2.79	2.85
PCB-1016 Peak 3	3.04	3.01	3.07
PCB-1016 Peak 4	3.34	3.31	3.37
PCB-1016 Peak 5	3.49	3.46	3.52
PCB-1016 Peak 6	3.56	3.53	3.59
PCB-1016 Peak 7	3.96	3.93	3.99
PCB-1016 Peak 8	4.41	4.38	4.44
PCB-1260 Peak 1	5.40	5.37	5.43
PCB-1260 Peak 2	6.12	6.09	6.15
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.66	6.63	6.69
PCB-1260 Peak 5	7.18	7.15	7.21
PCB-1260 Peak 6	7.66	7.63	7.69
PCB-1260 Peak 7	7.83	7.80	7.86
PCB-1260 Peak 8	8.93	8.90	8.96
Tetrachloro-m-xylene	2.06	2.03	2.09
DCB Decachlorobiphenyl	9.82	9.79	9.85

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135756.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 28-Feb-2019 04:57:40 ALS Bottle#: 2 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-002  
 Operator ID: Instrument ID: CPESTGC8  
 Sublist: chrom-8082ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 14:59:14 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 07:19:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.414	1.414	0.000	1870406	20.0	20.0	
2	1.396	1.396	0.000	1609868	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.269	2.269	0.000	10269463	100.0	104.1	
2	2.058	2.058	0.000	11184655	100.0	101.8	
						RPD = 2.24	



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.819	2.819	0.000	2180802	1000.0	1012.0	
1	3.296	3.296	0.000	4988578	1000.0	1042.3	
1	3.834	3.834	0.000	8504769	1000.0	1025.4	
1	3.993	3.993	0.000	3830044	1000.0	1030.7	
1	4.109	4.109	0.000	2739600	1000.0	1053.4	
1	4.558	4.558	0.000	2871066	1000.0	1048.1	
1	4.704	4.704	0.000	3421506	1000.0	1071.4	
1	5.069	5.069	0.000	3368588	1000.0	1058.1	M

Average of Peak Amounts = 1042.7

2	2.441	2.441	0.000	2606612	1000.0	1004.6	
2	2.824	2.824	0.000	5227512	1000.0	1008.6	
2	3.040	3.040	0.000	3424933	1000.0	1045.5	
2	3.338	3.338	0.000	10477837	1000.0	1063.6	
2	3.489	3.489	0.000	4106380	1000.0	1037.5	
2	3.557	3.557	0.000	2732861	1000.0	1046.4	
2	3.962	3.962	0.000	4534647	1000.0	1031.4	
2	4.405	4.405	0.000	2628330	1000.0	1086.3	

Average of Peak Amounts = 1040.5

RPD = 0.21

8 PCB-1260

1	5.953	5.953	0.000	2825070	1000.0	1032.0	M
1	6.176	6.176	0.000	6888777	1000.0	1075.5	M
1	6.515	6.515	0.000	7416233	1000.0	1033.8	M
1	7.253	7.253	0.000	4683148	1000.0	1042.2	M
1	7.774	7.774	0.000	4885017	1000.0	1030.6	M
1	8.307	8.307	0.000	10775513	1000.0	1028.7	M
1	9.061	9.061	0.000	8196841	1000.0	1080.6	
1	10.072	10.072	0.000	2760409	1000.0	1065.2	

Average of Peak Amounts = 1048.6

2	5.397	5.397	0.000	6871125	1000.0	1036.4	
2	6.124	6.124	0.000	12295584	1000.0	1105.1	
2	6.296	6.296	0.000	4849589	1000.0	947.9	
2	6.660	6.660	0.000	5683780	1000.0	1031.6	
2	7.177	7.177	0.000	13251683	1000.0	1031.2	
2	7.664	7.664	0.000	7044894	1000.0	1042.5	
2	7.827	7.827	0.000	3863671	1000.0	1080.7	
2	8.927	8.927	0.000	3386499	1000.0	1018.6	

Average of Peak Amounts = 1036.7

RPD = 1.14

\$ 11 DCB Decachlorobiphenyl

1	10.673	10.673	0.000	11189294	100.0	107.3	
2	9.819	9.819	0.000	13002456	100.0	105.0	

RPD = 2.17

### QC Flag Legend

#### Review Flags

M - Manually Integrated

### Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135756.D

Injection Date: 28-Feb-2019 04:57:40

Instrument ID: CPESTGC8

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

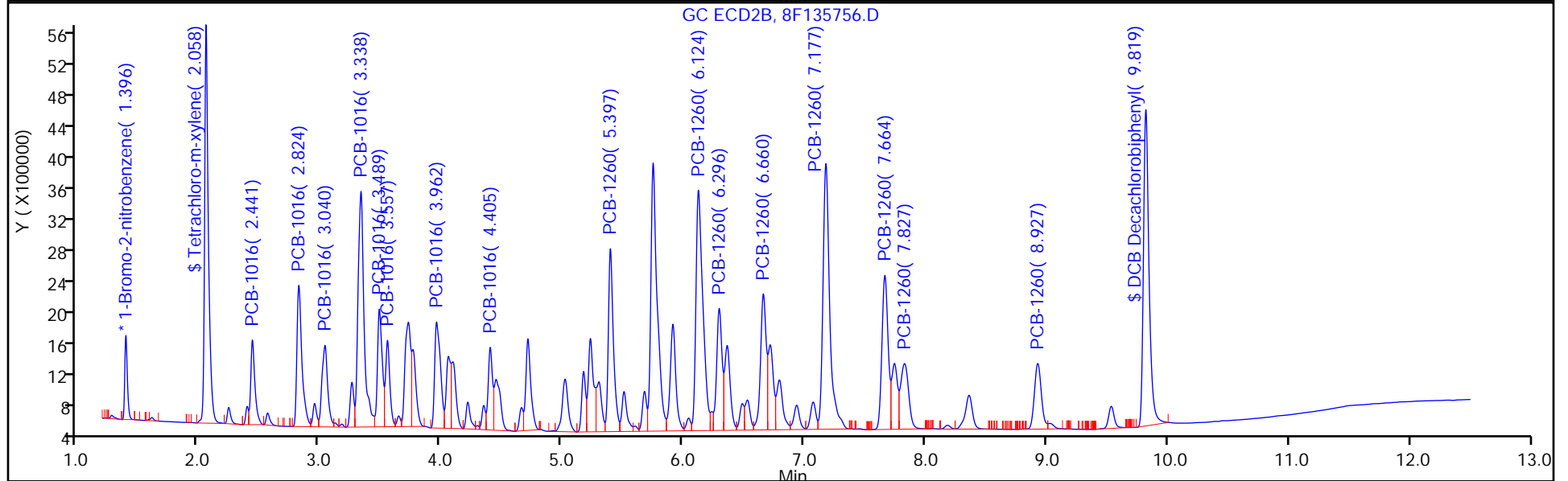
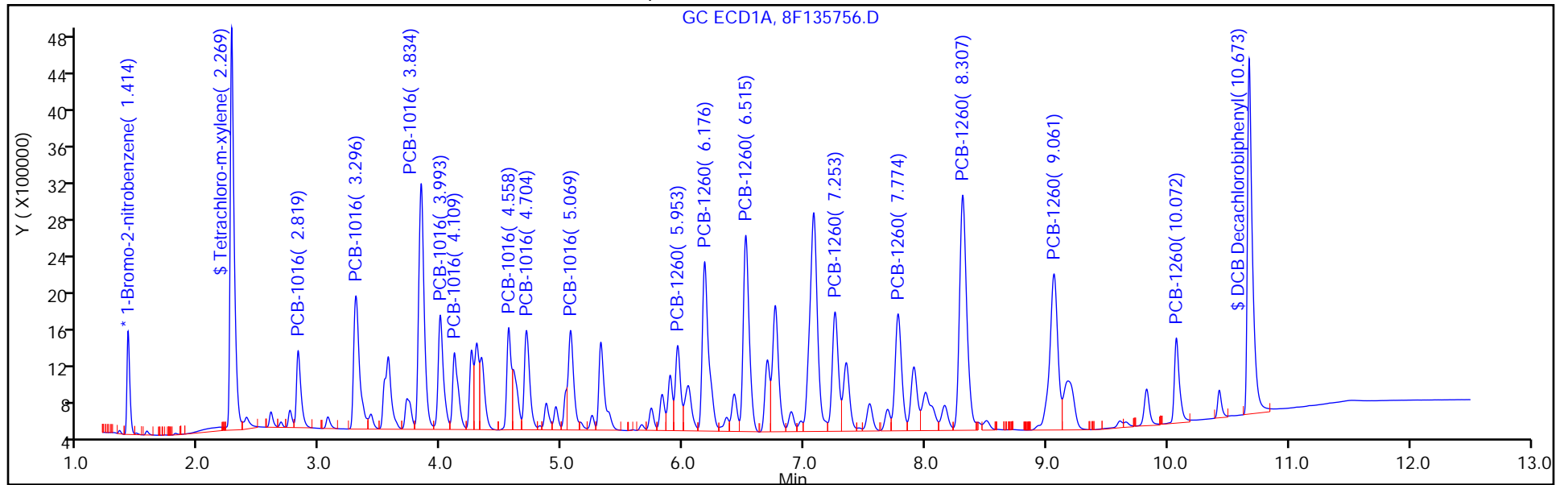
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592236/2 Calibration Date: 02/27/2019 23:21  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 11:24  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/13/2019 12:32  
 Lab File ID: 9F003669.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0234	0.0250		1070	1000	7.1	20.0
PCB-1016 Peak 2	Ave	0.0472	0.0488		1030	1000	3.4	20.0
PCB-1016 Peak 3	Ave	0.0898	0.0848		944	1000	-5.6	20.0
PCB-1016 Peak 4	Ave	0.0391	0.0388		994	1000	-0.6	20.0
PCB-1016 Peak 5	Ave	0.0273	0.0286		1050	1000	4.8	20.0
PCB-1016 Peak 6	Ave	0.0287	0.0286		999	1000	-0.1	20.0
PCB-1016 Peak 7	Ave	0.0329	0.0336		1020	1000	2.0	20.0
PCB-1016 Peak 8	Ave	0.0370	0.0401		1080	1000	8.4	20.0
PCB-1260 Peak 1	Ave	0.0259	0.0265		1020	1000	1.9	20.0
PCB-1260 Peak 2	Ave	0.0622	0.0632		1020	1000	1.5	20.0
PCB-1260 Peak 3	Ave	0.0703	0.0704		1000	1000	0.1	20.0
PCB-1260 Peak 4	Ave	0.0467	0.0452		967	1000	-3.3	20.0
PCB-1260 Peak 5	Ave	0.0489	0.0475		972	1000	-2.8	20.0
PCB-1260 Peak 6	Ave	0.1066	0.1069		1000	1000	0.3	20.0
PCB-1260 Peak 7	Ave	0.0814	0.0855		1050	1000	5.0	20.0
PCB-1260 Peak 8	Ave	0.0295	0.0294		998	1000	-0.2	20.0
Tetrachloro-m-xylene	Ave	1.034	1.190		115	100	15.1	20.0
DCB Decachlorobiphenyl	Ave	1.033	1.075		104	100	4.0	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592236/2 Calibration Date: 02/27/2019 23:21  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 11:24  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/13/2019 12:32  
 Lab File ID: 9F003669.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.71	2.68	2.74
PCB-1016 Peak 2	3.17	3.10	3.24
PCB-1016 Peak 3	3.70	3.63	3.77
PCB-1016 Peak 4	3.86	3.79	3.93
PCB-1016 Peak 5	3.97	3.90	4.04
PCB-1016 Peak 6	4.42	4.35	4.49
PCB-1016 Peak 7	4.56	4.49	4.63
PCB-1016 Peak 8	4.93	4.86	5.00
PCB-1260 Peak 1	5.79	5.76	5.82
PCB-1260 Peak 2	6.00	5.93	6.07
PCB-1260 Peak 3	6.33	6.26	6.40
PCB-1260 Peak 4	7.04	6.97	7.11
PCB-1260 Peak 5	7.53	7.46	7.60
PCB-1260 Peak 6	8.05	7.98	8.12
PCB-1260 Peak 7	8.78	8.71	8.85
PCB-1260 Peak 8	9.90	9.83	9.97
Tetrachloro-m-xylene	2.17	2.14	2.20
DCB Decachlorobiphenyl	10.51	10.48	10.54

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003669.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 27-Feb-2019 23:21:55 ALS Bottle#: 50 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087114-035  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 10:41:58 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D

Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B

Process Host: CTX0301

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.351	1.351	0.000	2405016	20.0	20.0	
2	1.340	1.340	0.000	6051469	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.172	2.172	0.000	14309459	100.0	115.1	
2	1.981	1.981	0.000	32799694	100.0	102.5	
						RPD = 11.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.705	2.705	0.000	3009655	1000.0	1071.2	
1	3.171	3.171	0.000	5864102	1000.0	1034.2	
1	3.703	3.703	0.000	10199734	1000.0	944.2	
1	3.858	3.858	0.000	4668322	1000.0	993.5	
1	3.973	3.973	0.000	3433623	1000.0	1047.7	
1	4.417	4.417	0.000	3442096	1000.0	998.6	
1	4.562	4.562	0.000	4038755	1000.0	1020.3	
1	4.925	4.925	0.000	4821980	1000.0	1084.3	

Average of Peak Amounts = 1024.3

2	2.354	2.354	0.000	7537940	1000.0	1073.5	
2	2.729	2.729	0.000	12081693	1000.0	1086.3	
2	2.942	2.942	0.000	7498332	1000.0	1050.5	
2	3.234	3.234	0.000	22001295	1000.0	1131.4	
2	3.382	3.382	0.000	8943683	1000.0	1092.0	
2	3.450	3.450	0.000	6204901	1000.0	1089.8	
2	3.851	3.851	0.000	9719737	1000.0	1013.9	
2	4.290	4.290	0.000	5783389	1000.0	1138.5	

Average of Peak Amounts = 1084.5

RPD = 5.71

8 PCB-1260

1	5.787	5.787	0.000	3180359	1000.0	1019.2	
1	6.000	6.000	0.000	7598540	1000.0	1015.5	
1	6.329	6.329	0.000	8461562	1000.0	1001.2	
1	7.036	7.036	0.000	5435430	1000.0	966.9	
1	7.534	7.534	0.000	5716067	1000.0	972.1	
1	8.052	8.052	0.000	12855901	1000.0	1002.9	
1	8.779	8.779	0.000	10278068	1000.0	1050.3	
1	9.901	9.901	0.000	3534748	1000.0	998.1	

Average of Peak Amounts = 1003.3

2	5.277	5.277	0.000	14199565	1000.0	1025.3	
2	5.974	5.974	0.000	26089414	1000.0	1106.8	
2	6.141	6.141	0.000	10097127	1000.0	956.4	
2	6.492	6.492	0.000	12448606	1000.0	1047.8	
2	6.989	6.989	0.000	28718780	1000.0	1048.6	
2	7.460	7.460	0.000	15081358	1000.0	1025.4	
2	7.618	7.618	0.000	8474059	1000.0	1089.3	
2	8.688	8.688	0.000	7260535	1000.0	1015.2	

Average of Peak Amounts = 1039.3

RPD = 3.53

\$ 11 DCB Decachlorobiphenyl

1	10.509	10.509	0.000	12924902	100.0	104.0	
2	9.664	9.664	0.000	26080491	100.0	108.0	

RPD = 3.79

Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003669.D

Injection Date: 27-Feb-2019 23:21:55

Instrument ID: CPESTGC9

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

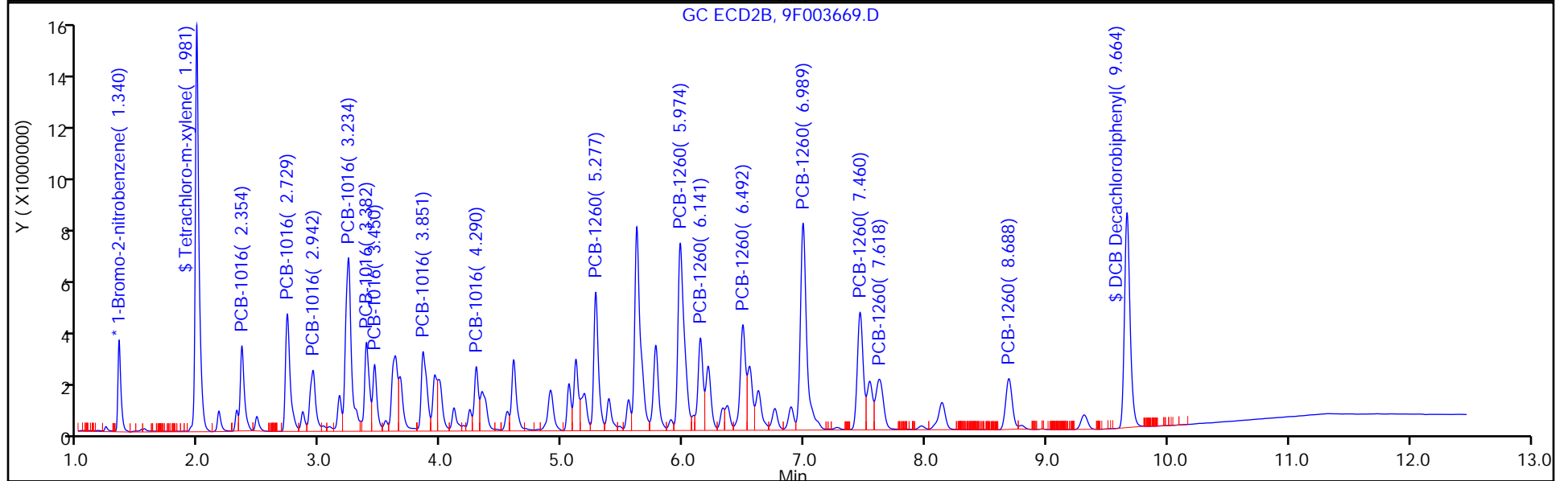
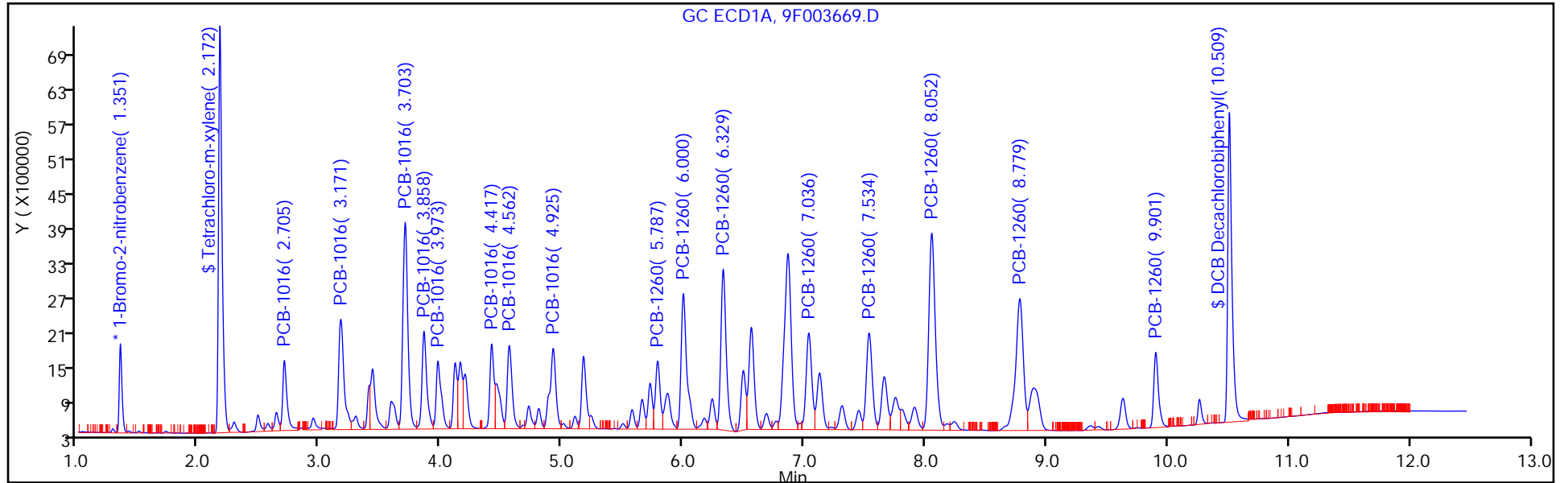
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 50

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD





FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592236/2 Calibration Date: 02/27/2019 23:21  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 11:24  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/13/2019 12:32  
 Lab File ID: 9F003669.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0232	0.0249		1070	1000	7.3	20.0
PCB-1016 Peak 2	Ave	0.0368	0.0399		1090	1000	8.6	20.0
PCB-1016 Peak 3	Ave	0.0236	0.0248		1050	1000	5.1	20.0
PCB-1016 Peak 4	Ave	0.0643	0.0727		1130	1000	13.1	20.0
PCB-1016 Peak 5	Ave	0.0271	0.0296		1090	1000	9.2	20.0
PCB-1016 Peak 6	Ave	0.0188	0.0205		1090	1000	9.0	20.0
PCB-1016 Peak 7	Ave	0.0317	0.0321		1010	1000	1.4	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0191		1140	1000	13.9	20.0
PCB-1260 Peak 1	Ave	0.0458	0.0469		1030	1000	2.5	20.0
PCB-1260 Peak 2	Ave	0.0779	0.0862		1110	1000	10.7	20.0
PCB-1260 Peak 3	Ave	0.0349	0.0334		956	1000	-4.4	20.0
PCB-1260 Peak 4	Ave	0.0393	0.0411		1050	1000	4.8	20.0
PCB-1260 Peak 5	Ave	0.0905	0.0949		1050	1000	4.9	20.0
PCB-1260 Peak 6	Ave	0.0486	0.0498		1030	1000	2.5	20.0
PCB-1260 Peak 7	Ave	0.0257	0.0280		1090	1000	8.9	20.0
PCB-1260 Peak 8	Ave	0.0236	0.0240		1020	1000	1.5	20.0
Tetrachloro-m-xylene	Ave	1.058	1.084		102	100	2.5	20.0
DCB Decachlorobiphenyl	Ave	0.7977	0.8620		108	100	8.0	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-592236/2 Calibration Date: 02/27/2019 23:21  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 11:24  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/13/2019 12:32  
 Lab File ID: 9F003669.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.73	2.66	2.80
PCB-1016 Peak 3	2.94	2.87	3.01
PCB-1016 Peak 4	3.23	3.16	3.30
PCB-1016 Peak 5	3.38	3.31	3.45
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	3.85	3.78	3.92
PCB-1016 Peak 8	4.29	4.22	4.36
PCB-1260 Peak 1	5.28	5.21	5.35
PCB-1260 Peak 2	5.97	5.90	6.04
PCB-1260 Peak 3	6.14	6.07	6.21
PCB-1260 Peak 4	6.49	6.42	6.56
PCB-1260 Peak 5	6.99	6.92	7.06
PCB-1260 Peak 6	7.46	7.39	7.53
PCB-1260 Peak 7	7.62	7.55	7.69
PCB-1260 Peak 8	8.69	8.62	8.76
Tetrachloro-m-xylene	1.98	1.93	2.03
DCB Decachlorobiphenyl	9.66	9.56	9.76

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003669.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 27-Feb-2019 23:21:55 ALS Bottle#: 50 Worklist Smp#: 2  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087114-035  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub1  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 10:41:58 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D

Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B

Process Host: CTX0301

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.351	1.351	0.000	2405016	20.0	20.0	
2	1.340	1.340	0.000	6051469	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.172	2.172	0.000	14309459	100.0	115.1	
2	1.981	1.981	0.000	32799694	100.0	102.5	
						RPD = 11.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.705	2.705	0.000	3009655	1000.0	1071.2	
1	3.171	3.171	0.000	5864102	1000.0	1034.2	
1	3.703	3.703	0.000	10199734	1000.0	944.2	
1	3.858	3.858	0.000	4668322	1000.0	993.5	
1	3.973	3.973	0.000	3433623	1000.0	1047.7	
1	4.417	4.417	0.000	3442096	1000.0	998.6	
1	4.562	4.562	0.000	4038755	1000.0	1020.3	
1	4.925	4.925	0.000	4821980	1000.0	1084.3	

Average of Peak Amounts = 1024.3

2	2.354	2.354	0.000	7537940	1000.0	1073.5	
2	2.729	2.729	0.000	12081693	1000.0	1086.3	
2	2.942	2.942	0.000	7498332	1000.0	1050.5	
2	3.234	3.234	0.000	22001295	1000.0	1131.4	
2	3.382	3.382	0.000	8943683	1000.0	1092.0	
2	3.450	3.450	0.000	6204901	1000.0	1089.8	
2	3.851	3.851	0.000	9719737	1000.0	1013.9	
2	4.290	4.290	0.000	5783389	1000.0	1138.5	

Average of Peak Amounts = 1084.5

RPD = 5.71

8 PCB-1260

1	5.787	5.787	0.000	3180359	1000.0	1019.2	
1	6.000	6.000	0.000	7598540	1000.0	1015.5	
1	6.329	6.329	0.000	8461562	1000.0	1001.2	
1	7.036	7.036	0.000	5435430	1000.0	966.9	
1	7.534	7.534	0.000	5716067	1000.0	972.1	
1	8.052	8.052	0.000	12855901	1000.0	1002.9	
1	8.779	8.779	0.000	10278068	1000.0	1050.3	
1	9.901	9.901	0.000	3534748	1000.0	998.1	

Average of Peak Amounts = 1003.3

2	5.277	5.277	0.000	14199565	1000.0	1025.3	
2	5.974	5.974	0.000	26089414	1000.0	1106.8	
2	6.141	6.141	0.000	10097127	1000.0	956.4	
2	6.492	6.492	0.000	12448606	1000.0	1047.8	
2	6.989	6.989	0.000	28718780	1000.0	1048.6	
2	7.460	7.460	0.000	15081358	1000.0	1025.4	
2	7.618	7.618	0.000	8474059	1000.0	1089.3	
2	8.688	8.688	0.000	7260535	1000.0	1015.2	

Average of Peak Amounts = 1039.3

RPD = 3.53

\$ 11 DCB Decachlorobiphenyl

1	10.509	10.509	0.000	12924902	100.0	104.0	
2	9.664	9.664	0.000	26080491	100.0	108.0	

RPD = 3.79

Reagents:

SG1660L3\_00034

Amount Added: 1.00

Units: mL

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003669.D

Injection Date: 27-Feb-2019 23:21:55

Instrument ID: CPESTGC9

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

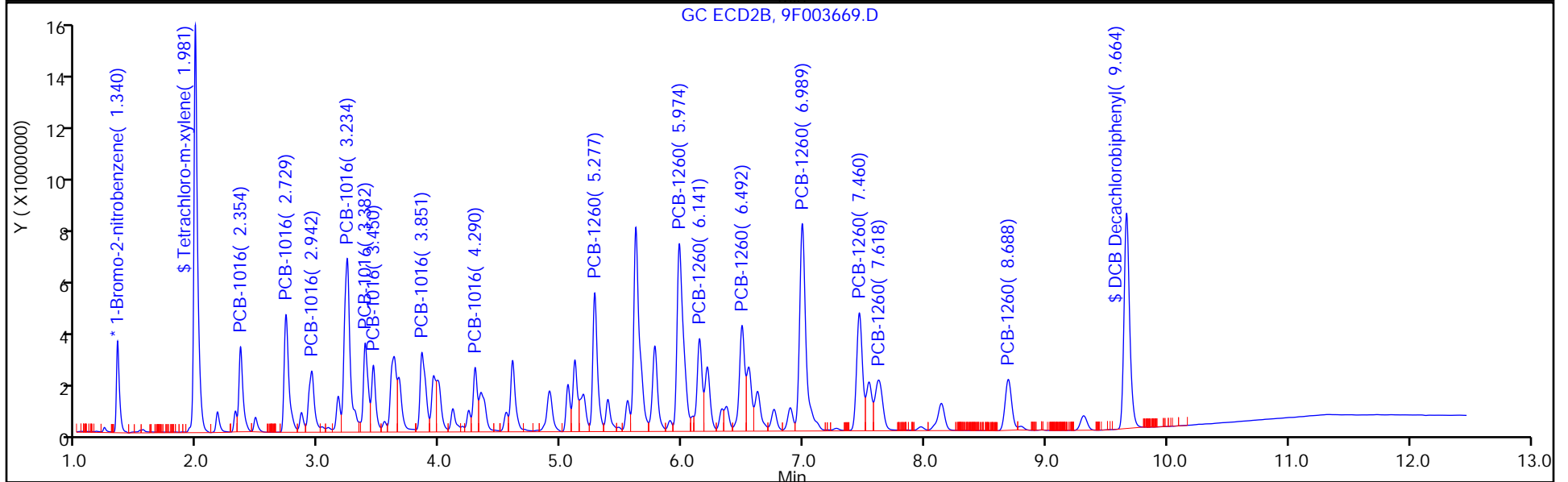
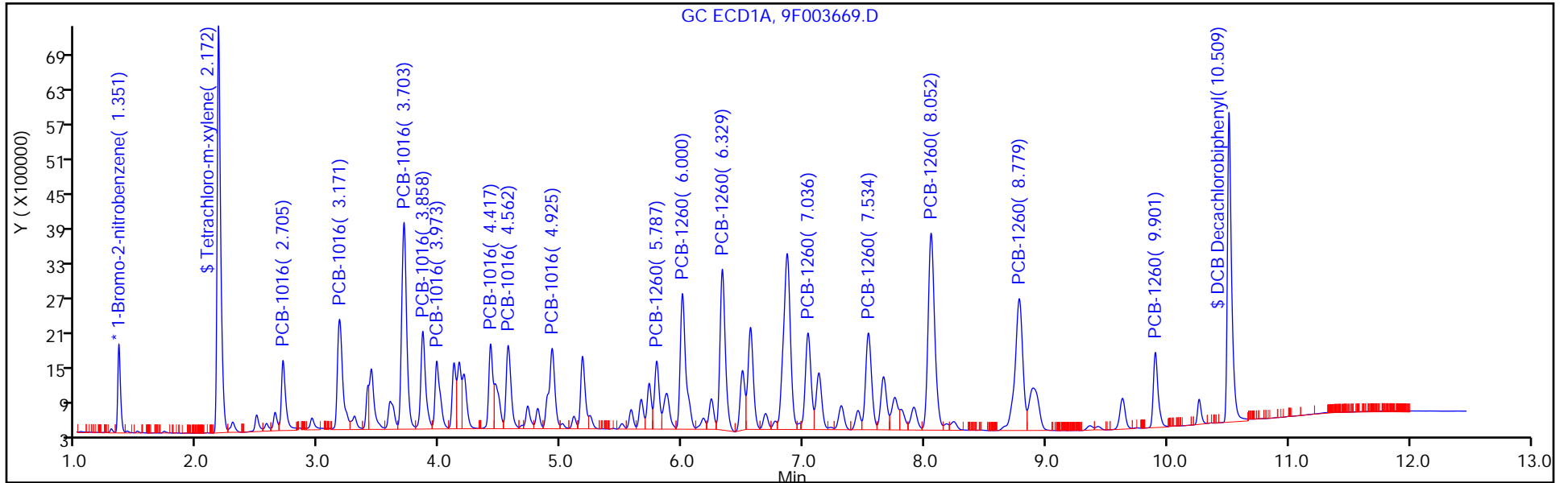
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 50

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592236/3 Calibration Date: 02/27/2019 23:38  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 11:24  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/13/2019 12:32  
 Lab File ID: 9F003670.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1.034	1.107		107	100	7.0	20.0
DCB Decachlorobiphenyl	Ave	1.033	1.207		117	100	16.8	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592236/3 Calibration Date: 02/27/2019 23:38  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 11:24  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/13/2019 12:32  
 Lab File ID: 9F003670.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.18	2.15	2.21
DCB Decachlorobiphenyl	10.51	10.48	10.54

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003670.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 27-Feb-2019 23:38:48 ALS Bottle#: 51 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087114-036  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 12:00:30 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 11:55:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.353	1.353	0.000	1822081	20.0	20.0	
2	1.342	1.342	0.000	4931417	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.176	2.176	0.000	10080627	100.0	107.0	
2	1.985	1.985	0.000	27686255	100.0	106.1	M
RPD = 0.81							



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	2.707	2.707	0.000	2046807	1000.0	1151.9	
1	3.173	3.173	0.000	4082263	1000.0	1094.9	
1	3.706	3.706	0.000	7067238	1000.0	1069.8	
1	3.861	3.861	0.000	3250277	1000.0	1063.1	
1	3.976	3.976	0.000	2353084	1000.0	1090.4	
1	4.565	4.565	0.000	2910472	1000.0	1111.7	
1	4.891	4.891	0.000	2277857	1000.0	1084.1	
1	4.937	4.937	0.000	3108392	1000.0	1133.8	
Average of Peak Amounts =						1100.0	
2	2.357	2.357	0.000	5657323	1000.0	1180.6	M
2	2.733	2.733	0.000	8333319	1000.0	1097.2	M
2	2.945	2.945	0.000	5417578	1000.0	1089.4	M
2	3.237	3.237	0.000	14518442	1000.0	1116.9	M
2	3.387	3.387	0.000	6310029	1000.0	1106.0	M
2	3.855	3.855	0.000	6902564	1000.0	1113.2	M
2	4.367	4.367	0.000	9491441	1000.0	1036.0	M
2	4.597	4.597	0.000	4309003	1000.0	910.6	M
Average of Peak Amounts =						1081.2	
						RPD = 1.72	

\$ 11 DCB Decachlorobiphenyl

1	10.505	10.505	0.000	10996272	100.0	116.8	
2	9.667	9.667	0.000	22575611	100.0	114.8	
						RPD = 1.77	

S 12 Polychlorinated biphenyls, Total

1						1100.0	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L4_00026	Amount Added: 1.00	Units: ml	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003670.D

Injection Date: 27-Feb-2019 23:38:48

Instrument ID: CPESTGC9

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 3

Client ID:

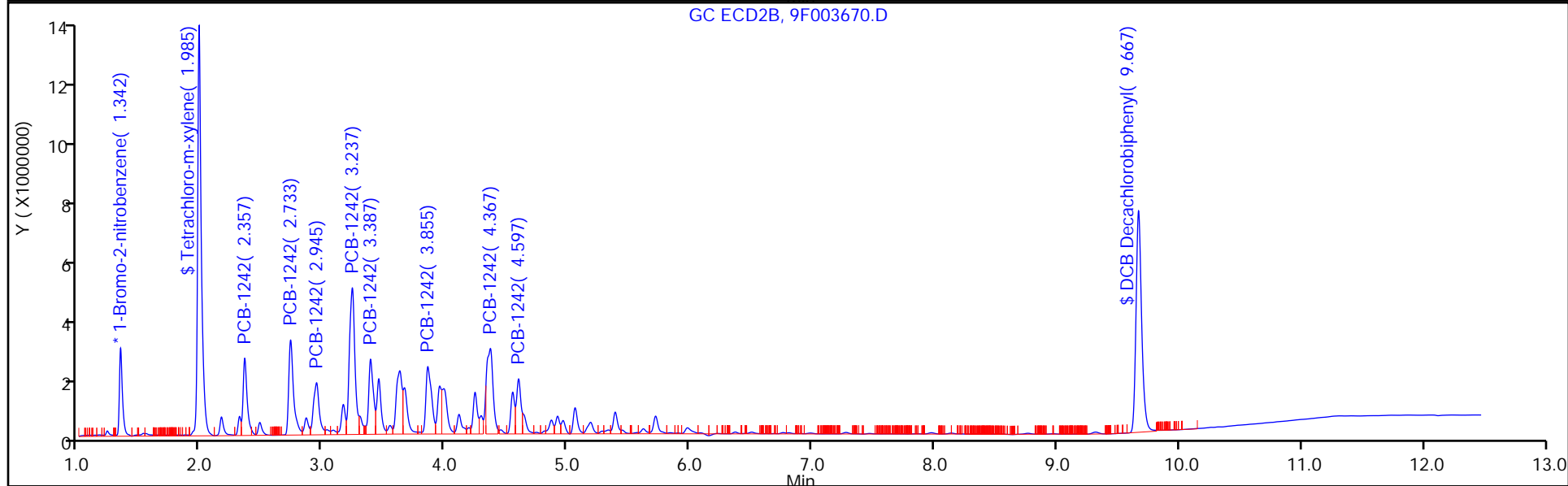
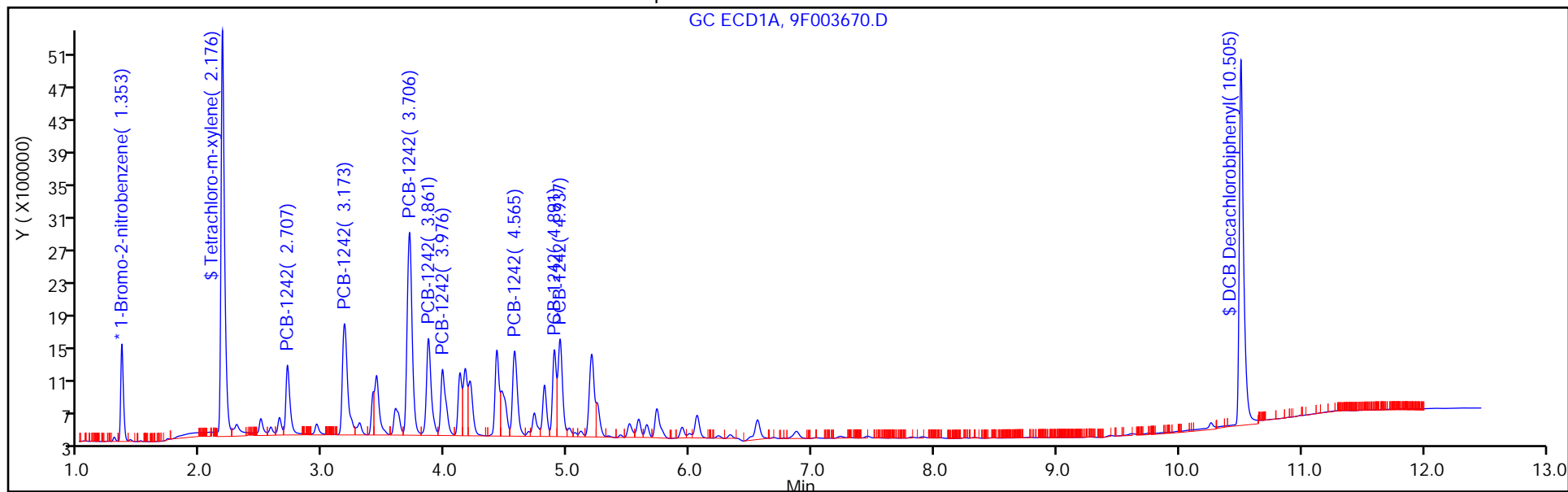
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 51

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592236/3 Calibration Date: 02/27/2019 23:38  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 13:39  
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 02/13/2019 13:39  
 Lab File ID: 9F003670.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0195	0.0225		1150	1000	15.2	20.0
PCB-1242 Peak 2	Ave	0.0409	0.0448		1090	1000	9.5	20.0
PCB-1242 Peak 3	Ave	0.0725	0.0776		1070	1000	7.0	20.0
PCB-1242 Peak 4	Ave	0.0336	0.0357		1060	1000	6.3	20.0
PCB-1242 Peak 5	Ave	0.0237	0.0258		1090	1000	9.0	20.0
PCB-1242 Peak 6	Ave	0.0287	0.0320		1110	1000	11.2	20.0
PCB-1242 Peak 7	Ave	0.0231	0.0250		1080	1000	8.4	20.0
PCB-1242 Peak 8	Ave	0.0301	0.0341		1130	1000	13.4	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592236/3 Calibration Date: 02/27/2019 23:38  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 13:39  
 GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/13/2019 13:39  
 Lab File ID: 9F003670.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.71	2.68	2.74
PCB-1242 Peak 2	3.17	3.10	3.24
PCB-1242 Peak 3	3.71	3.64	3.78
PCB-1242 Peak 4	3.86	3.79	3.93
PCB-1242 Peak 5	3.98	3.91	4.05
PCB-1242 Peak 6	4.57	4.50	4.64
PCB-1242 Peak 7	4.89	4.82	4.96
PCB-1242 Peak 8	4.94	4.87	5.01

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003670.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 27-Feb-2019 23:38:48 ALS Bottle#: 51 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087114-036  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 12:00:30 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 11:55:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.353	1.353	0.000	1822081	20.0	20.0	
2	1.342	1.342	0.000	4931417	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.176	2.176	0.000	10080627	100.0	107.0	
2	1.985	1.985	0.000	27686255	100.0	106.1	M
RPD = 0.81							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	2.707	2.707	0.000	2046807	1000.0	1151.9	
1	3.173	3.173	0.000	4082263	1000.0	1094.9	
1	3.706	3.706	0.000	7067238	1000.0	1069.8	
1	3.861	3.861	0.000	3250277	1000.0	1063.1	
1	3.976	3.976	0.000	2353084	1000.0	1090.4	
1	4.565	4.565	0.000	2910472	1000.0	1111.7	
1	4.891	4.891	0.000	2277857	1000.0	1084.1	
1	4.937	4.937	0.000	3108392	1000.0	1133.8	
Average of Peak Amounts =						1100.0	
2	2.357	2.357	0.000	5657323	1000.0	1180.6	M
2	2.733	2.733	0.000	8333319	1000.0	1097.2	M
2	2.945	2.945	0.000	5417578	1000.0	1089.4	M
2	3.237	3.237	0.000	14518442	1000.0	1116.9	M
2	3.387	3.387	0.000	6310029	1000.0	1106.0	M
2	3.855	3.855	0.000	6902564	1000.0	1113.2	M
2	4.367	4.367	0.000	9491441	1000.0	1036.0	M
2	4.597	4.597	0.000	4309003	1000.0	910.6	M
Average of Peak Amounts =						1081.2	
						RPD = 1.72	

\$ 11 DCB Decachlorobiphenyl

1	10.505	10.505	0.000	10996272	100.0	116.8	
2	9.667	9.667	0.000	22575611	100.0	114.8	
						RPD = 1.77	

S 12 Polychlorinated biphenyls, Total

1						1100.0	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L4_00026	Amount Added: 1.00	Units: ml	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003670.D

Injection Date: 27-Feb-2019 23:38:48

Instrument ID: CPESTGC9

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 3

Client ID:

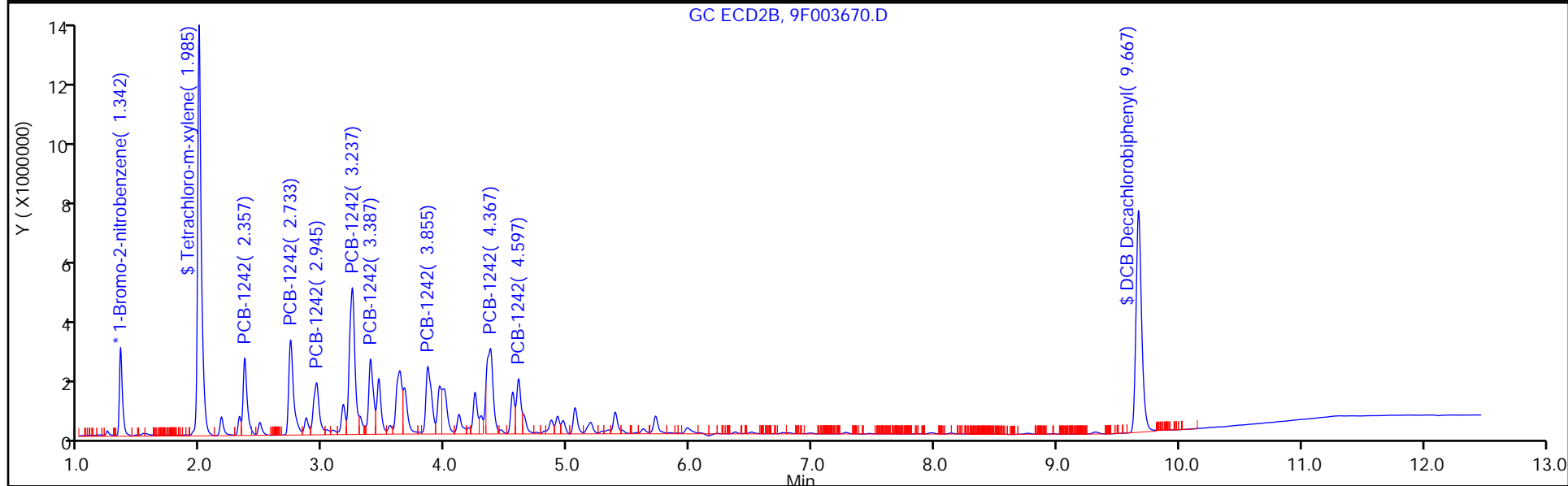
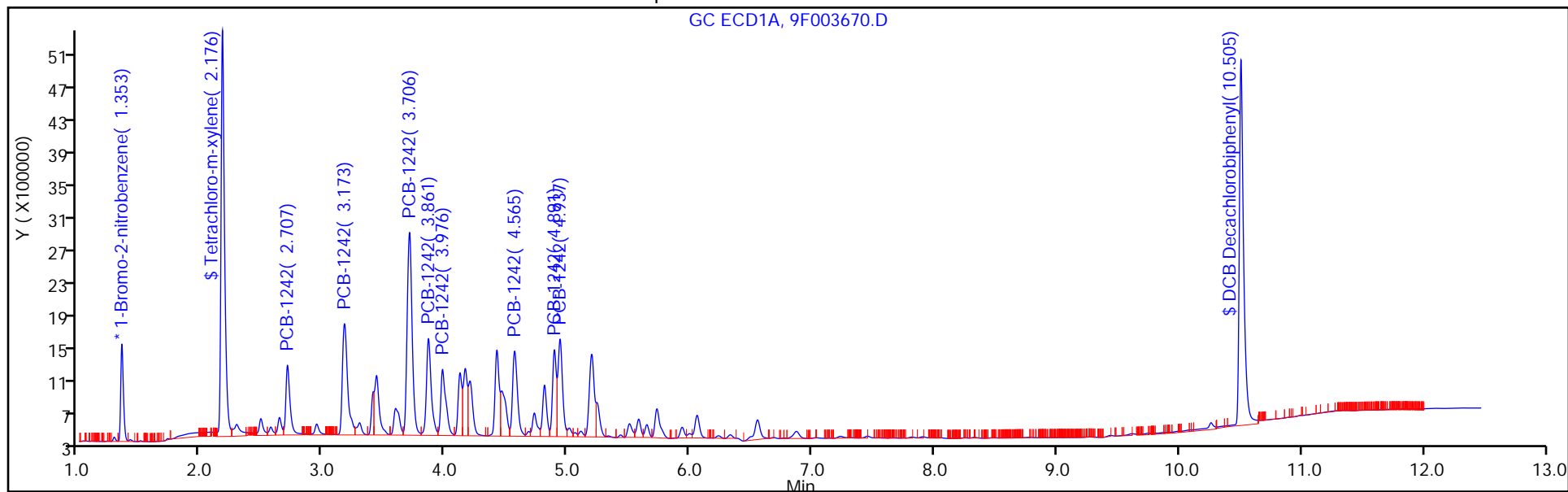
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 51

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592236/3 Calibration Date: 02/27/2019 23:38  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 11:24  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/13/2019 12:32  
 Lab File ID: 9F003670.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1.058	1.123		106	100	6.1	20.0
DCB Decachlorobiphenyl	Ave	0.7977	0.9156		115	100	14.8	20.0



FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592236/3 Calibration Date: 02/27/2019 23:38  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 11:24  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/13/2019 12:32  
 Lab File ID: 9F003670.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.99	1.94	2.04
DCB Decachlorobiphenyl	9.67	9.57	9.77

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003670.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 27-Feb-2019 23:38:48 ALS Bottle#: 51 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087114-036  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 12:00:30 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 11:55:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.353	1.353	0.000	1822081	20.0	20.0	
2	1.342	1.342	0.000	4931417	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.176	2.176	0.000	10080627	100.0	107.0	
2	1.985	1.985	0.000	27686255	100.0	106.1	M
RPD = 0.81							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	2.707	2.707	0.000	2046807	1000.0	1151.9	
1	3.173	3.173	0.000	4082263	1000.0	1094.9	
1	3.706	3.706	0.000	7067238	1000.0	1069.8	
1	3.861	3.861	0.000	3250277	1000.0	1063.1	
1	3.976	3.976	0.000	2353084	1000.0	1090.4	
1	4.565	4.565	0.000	2910472	1000.0	1111.7	
1	4.891	4.891	0.000	2277857	1000.0	1084.1	
1	4.937	4.937	0.000	3108392	1000.0	1133.8	
Average of Peak Amounts =						1100.0	
2	2.357	2.357	0.000	5657323	1000.0	1180.6	M
2	2.733	2.733	0.000	8333319	1000.0	1097.2	M
2	2.945	2.945	0.000	5417578	1000.0	1089.4	M
2	3.237	3.237	0.000	14518442	1000.0	1116.9	M
2	3.387	3.387	0.000	6310029	1000.0	1106.0	M
2	3.855	3.855	0.000	6902564	1000.0	1113.2	M
2	4.367	4.367	0.000	9491441	1000.0	1036.0	M
2	4.597	4.597	0.000	4309003	1000.0	910.6	M
Average of Peak Amounts =						1081.2	
						RPD = 1.72	

\$ 11 DCB Decachlorobiphenyl

1	10.505	10.505	0.000	10996272	100.0	116.8	
2	9.667	9.667	0.000	22575611	100.0	114.8	
						RPD = 1.77	

S 12 Polychlorinated biphenyls, Total

1						1100.0	
---	--	--	--	--	--	--------	--

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L4_00026	Amount Added: 1.00	Units: ml	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003670.D

Injection Date: 27-Feb-2019 23:38:48

Instrument ID: CPESTGC9

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 3

Client ID:

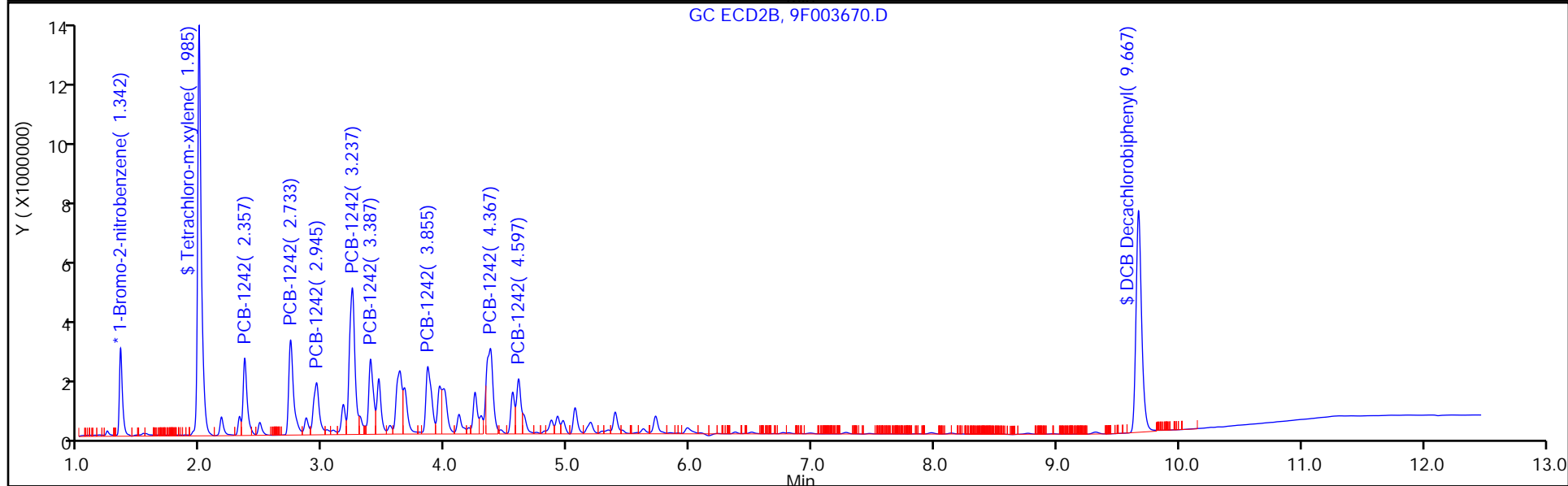
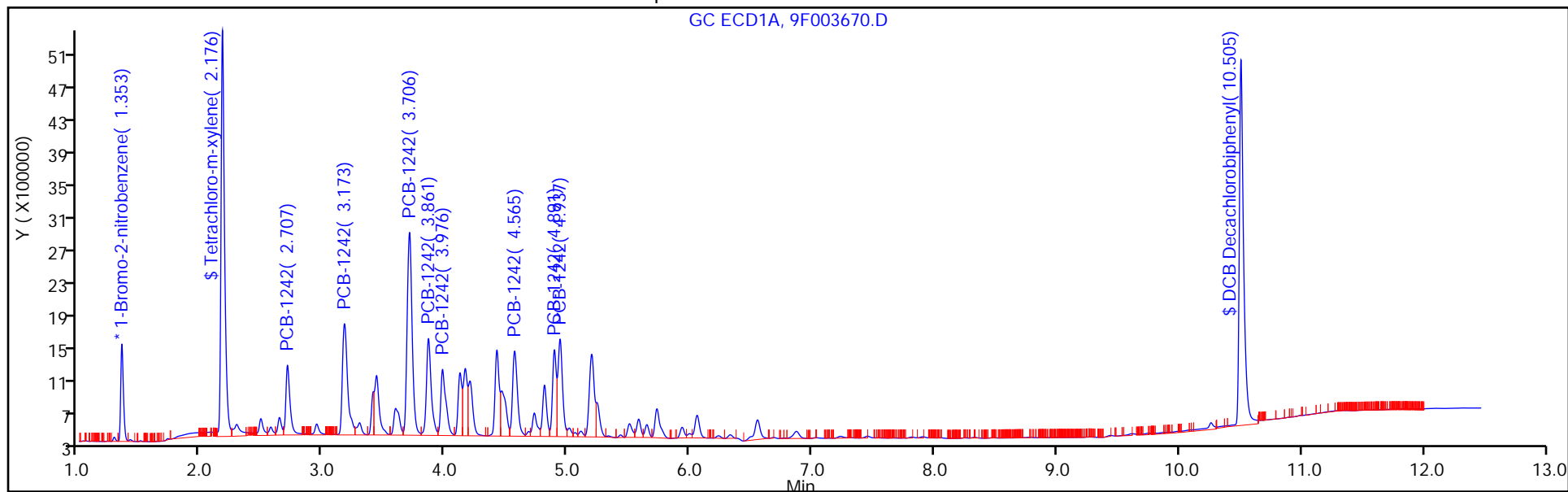
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 51

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII  
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592236/3 Calibration Date: 02/27/2019 23:38  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 13:39  
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 02/13/2019 13:39  
 Lab File ID: 9F003670.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0194	0.0229		1180	1000	18.1	20.0
PCB-1242 Peak 2	Ave	0.0308	0.0338		1100	1000	9.7	20.0
PCB-1242 Peak 3	Ave	0.0202	0.0220		1090	1000	8.9	20.0
PCB-1242 Peak 4	Ave	0.0527	0.0589		1120	1000	11.7	20.0
PCB-1242 Peak 5	Ave	0.0231	0.0256		1110	1000	10.6	20.0
PCB-1242 Peak 6	Ave	0.0251	0.0280		1110	1000	11.3	20.0
PCB-1242 Peak 7	Ave	0.0372	0.0385		1040	1000	3.6	20.0
PCB-1242 Peak 8	Ave	0.0192	0.0175		911	1000	-8.9	20.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV 460-592236/3 Calibration Date: 02/27/2019 23:38  
 Instrument ID: CPESTGC9 Calib Start Date: 02/13/2019 13:39  
 GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 02/13/2019 13:39  
 Lab File ID: 9F003670.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.36	2.29	2.43
PCB-1242 Peak 2	2.73	2.66	2.80
PCB-1242 Peak 3	2.95	2.88	3.02
PCB-1242 Peak 4	3.24	3.17	3.31
PCB-1242 Peak 5	3.39	3.32	3.46
PCB-1242 Peak 6	3.86	3.79	3.93
PCB-1242 Peak 7	4.37	4.30	4.44
PCB-1242 Peak 8	4.60	4.53	4.67

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003670.D  
 Lims ID: CCV AR1242  
 Client ID:  
 Sample Type: CCV  
 Inject. Date: 27-Feb-2019 23:38:48 ALS Bottle#: 51 Worklist Smp#: 3  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087114-036  
 Operator ID: Instrument ID: CPESTGC9  
 Sublist: chrom-8082-ISTD\*sub4  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 12:00:30 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 11:55:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.353	1.353	0.000	1822081	20.0	20.0	
2	1.342	1.342	0.000	4931417	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.176	2.176	0.000	10080627	100.0	107.0	
2	1.985	1.985	0.000	27686255	100.0	106.1	M
RPD = 0.81							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

4 PCB-1242							M
1	2.707	2.707	0.000	2046807	1000.0	1151.9	
1	3.173	3.173	0.000	4082263	1000.0	1094.9	
1	3.706	3.706	0.000	7067238	1000.0	1069.8	
1	3.861	3.861	0.000	3250277	1000.0	1063.1	
1	3.976	3.976	0.000	2353084	1000.0	1090.4	
1	4.565	4.565	0.000	2910472	1000.0	1111.7	
1	4.891	4.891	0.000	2277857	1000.0	1084.1	
1	4.937	4.937	0.000	3108392	1000.0	1133.8	
Average of Peak Amounts =						1100.0	
2	2.357	2.357	0.000	5657323	1000.0	1180.6	M
2	2.733	2.733	0.000	8333319	1000.0	1097.2	M
2	2.945	2.945	0.000	5417578	1000.0	1089.4	M
2	3.237	3.237	0.000	14518442	1000.0	1116.9	M
2	3.387	3.387	0.000	6310029	1000.0	1106.0	M
2	3.855	3.855	0.000	6902564	1000.0	1113.2	M
2	4.367	4.367	0.000	9491441	1000.0	1036.0	M
2	4.597	4.597	0.000	4309003	1000.0	910.6	M
Average of Peak Amounts =						1081.2	
						RPD = 1.72	

\$ 11 DCB Decachlorobiphenyl

1	10.505	10.505	0.000	10996272	100.0	116.8	
2	9.667	9.667	0.000	22575611	100.0	114.8	
						RPD = 1.77	

S 12 Polychlorinated biphenyls, Total

1						1100.0	
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QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L4_00026	Amount Added: 1.00	Units: ml	
SGPCBISTD_00013	Amount Added: 20.00	Units: uL	Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003670.D

Injection Date: 27-Feb-2019 23:38:48

Instrument ID: CPESTGC9

Operator ID:

Lims ID: CCV AR1242

Worklist Smp#: 3

Client ID:

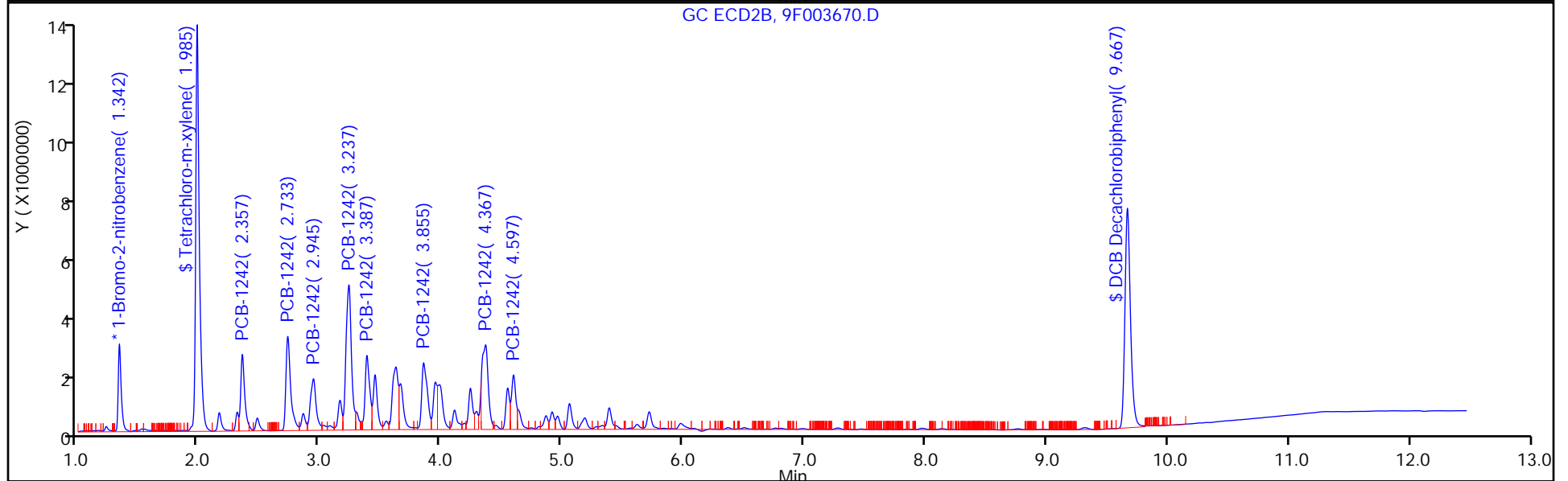
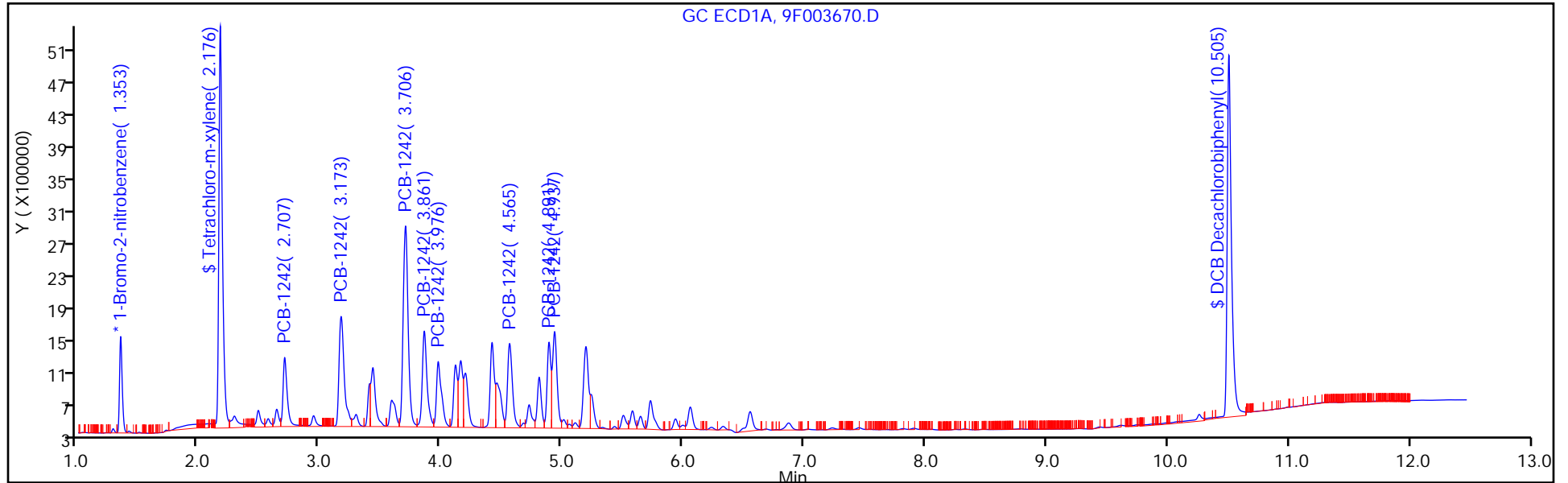
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 51

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-591970/1-A  
 Matrix: Water Lab File ID: 8F135754.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3510C Date Extracted: 02/27/2019 01:20  
 Sample wt/vol: 250 (mL) Date Analyzed: 02/27/2019 14:01  
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 591982 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		10-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135754.D  
 Lims ID: MB 460-591970/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 27-Feb-2019 14:01:25 ALS Bottle#: 65 Worklist Smp#: 32  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087113-032  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 14:27:06 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: guhas Date: 27-Feb-2019 14:27:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.416	1.416	0.000	1393966	20.0	20.0	
2	1.398	1.397	0.001	1414097	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.272	2.273	-0.001	6262430	100.0	85.2	
2	2.062	2.060	0.002	7147632	100.0	74.1	
						RPD = 13.96	

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135754.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 11 DCB Decachlorobiphenyl

1	10.687	10.693	-0.006	7602394	100.0	97.8	
2	9.826	9.825	0.001	9302984	100.0	85.5	

RPD = 13.42

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135754.D

Injection Date: 27-Feb-2019 14:01:25

Instrument ID: CPESTGC8

Operator ID:

Lims ID: MB 460-591970/1-A

Worklist Smp#: 32

Client ID:

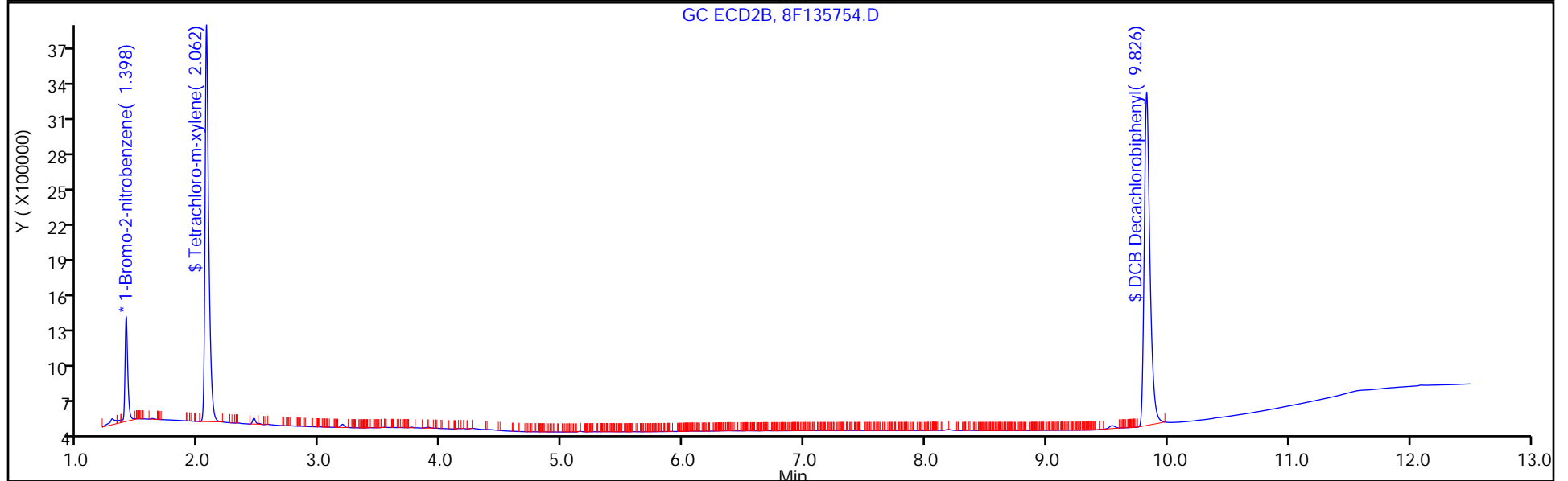
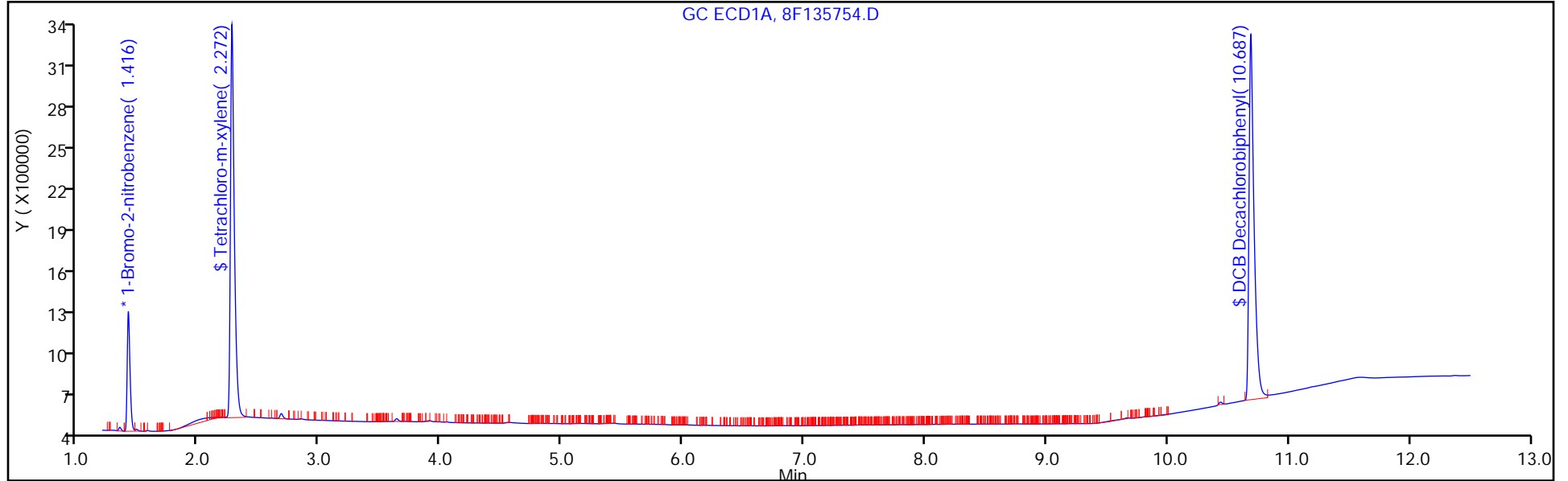
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 65

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-591970/1-A  
 Matrix: Water Lab File ID: 8F135754.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3510C Date Extracted: 02/27/2019 01:20  
 Sample wt/vol: 250 (mL) Date Analyzed: 02/27/2019 14:01  
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 591982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.12	U	0.40	0.12
11104-28-2	Aroclor 1221	0.12	U	0.40	0.12
11141-16-5	Aroclor 1232	0.12	U	0.40	0.12
53469-21-9	Aroclor 1242	0.12	U	0.40	0.12
12672-29-6	Aroclor 1248	0.12	U	0.40	0.12
11097-69-1	Aroclor 1254	0.11	U	0.40	0.11
11096-82-5	Aroclor 1260	0.11	U	0.40	0.11
37324-23-5	Aroclor 1262	0.11	U	0.40	0.11
11100-14-4	Aroclor 1268	0.11	U	0.40	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		10-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135754.D  
 Lims ID: MB 460-591970/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 27-Feb-2019 14:01:25 ALS Bottle#: 65 Worklist Smp#: 32  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087113-032  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 14:27:06 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: guhas Date: 27-Feb-2019 14:27:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.416	1.416	0.000	1393966	20.0	20.0	
2	1.398	1.397	0.001	1414097	20.0	20.0	
							RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	2.272	2.273	-0.001	6262430	100.0	85.2	
2	2.062	2.060	0.002	7147632	100.0	74.1	
							RPD = 13.96

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.687	10.693	-0.006	7602394	100.0	97.8
2	9.826	9.825	0.001	9302984	100.0	85.5

RPD = 13.42

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135754.D

Injection Date: 27-Feb-2019 14:01:25

Instrument ID: CPESTGC8

Operator ID:

Lims ID: MB 460-591970/1-A

Worklist Smp#: 32

Client ID:

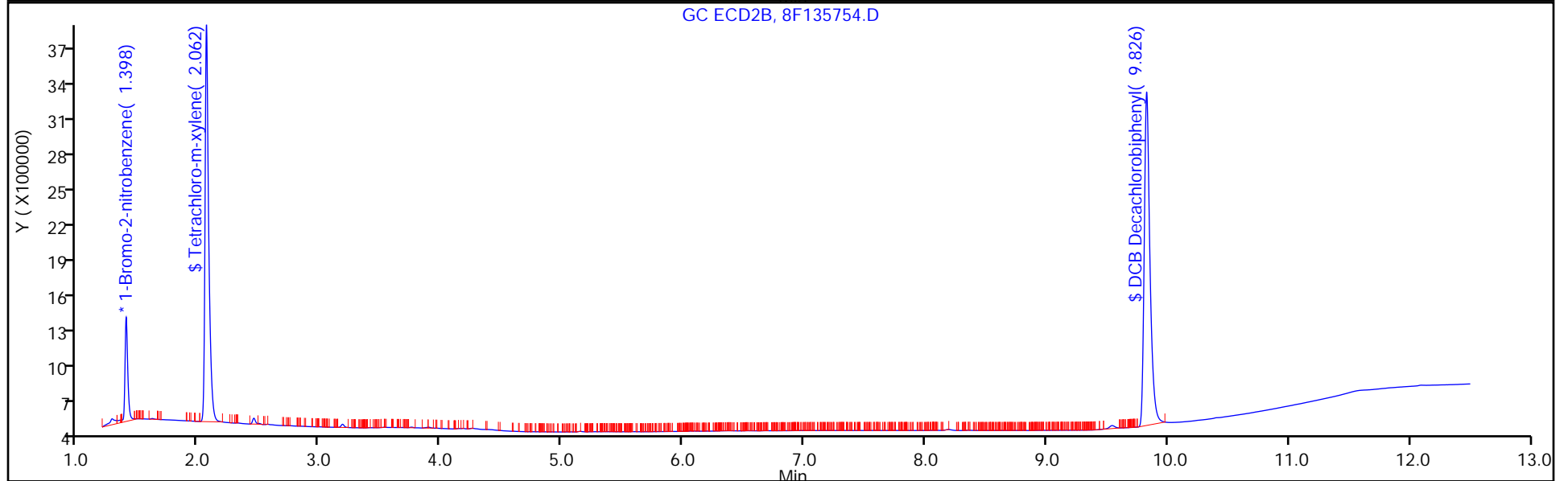
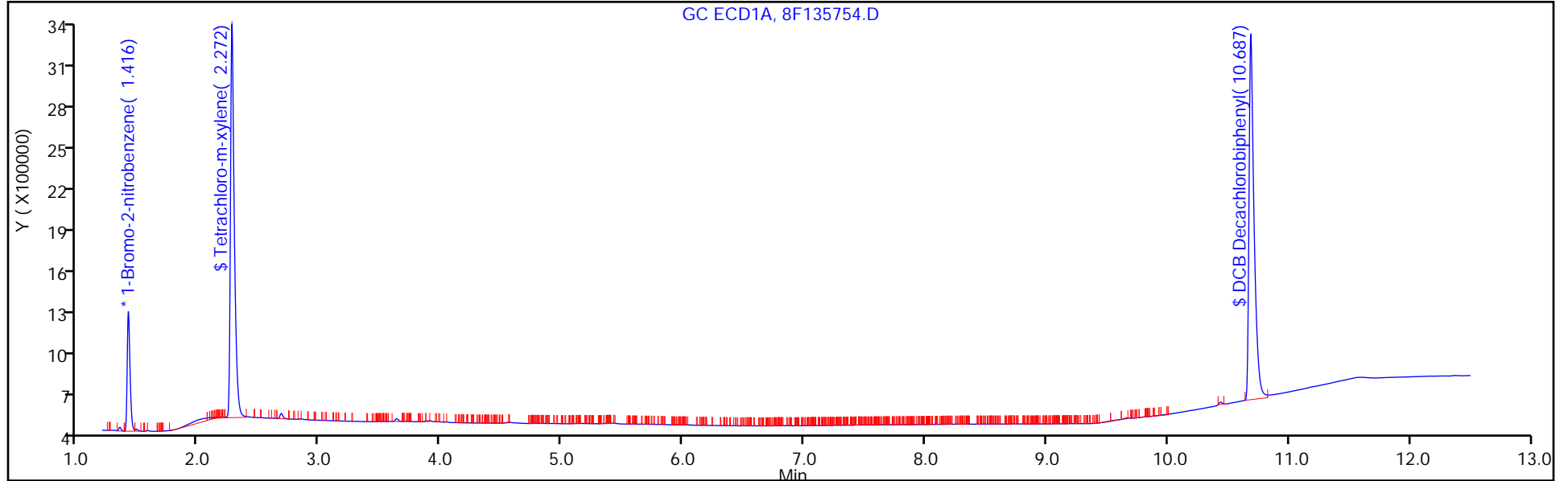
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 65

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-592055/1-A  
 Matrix: Solid Lab File ID: T155876.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.00 (g) Date Analyzed: 02/28/2019 01:30  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155876.D  
 Lims ID: MB 460-592055/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 28-Feb-2019 01:30:01 ALS Bottle#: 46 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-006  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:29:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.183	1.183	0.000	19634277	20.0	20.0	M
2	1.335	1.334	0.001	18756099	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.886	1.886	0.000	51823125	50.0	52.0	
2	1.973	1.973	0.000	45996238	50.0	50.2	
RPD = 3.47							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	51501831	50.0	49.0	
2	9.638	9.633	0.005	49051710	50.0	56.0	

RPD = 13.36

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155876.D

Injection Date: 28-Feb-2019 01:30:01

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-592055/1-A

Worklist Smp#: 6

Client ID:

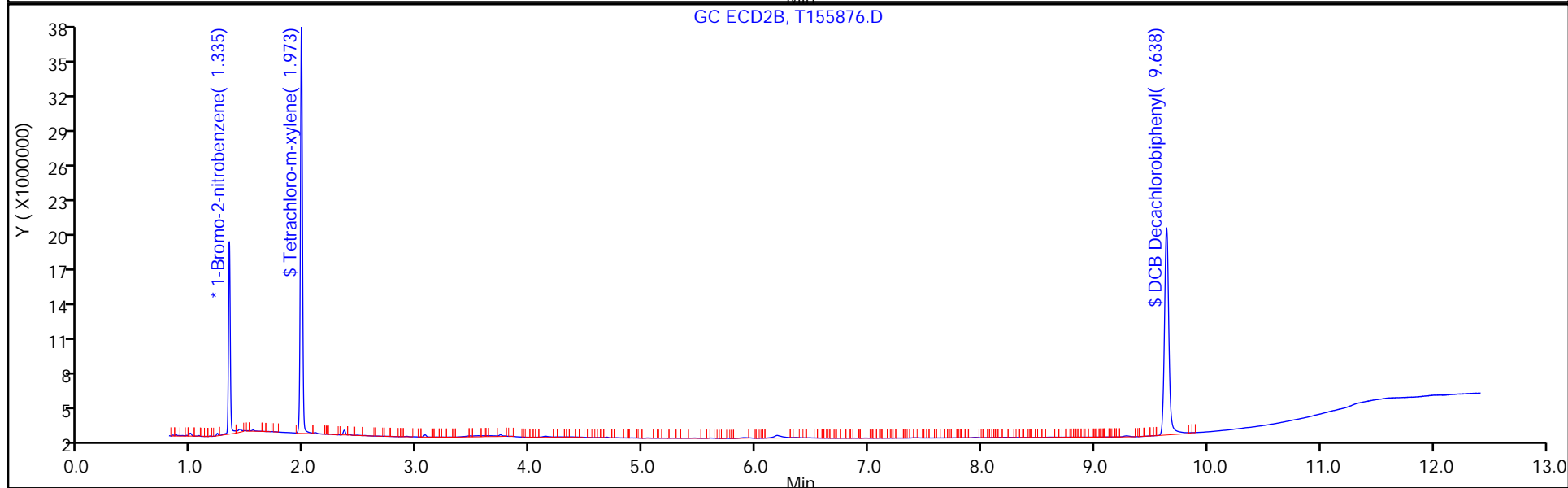
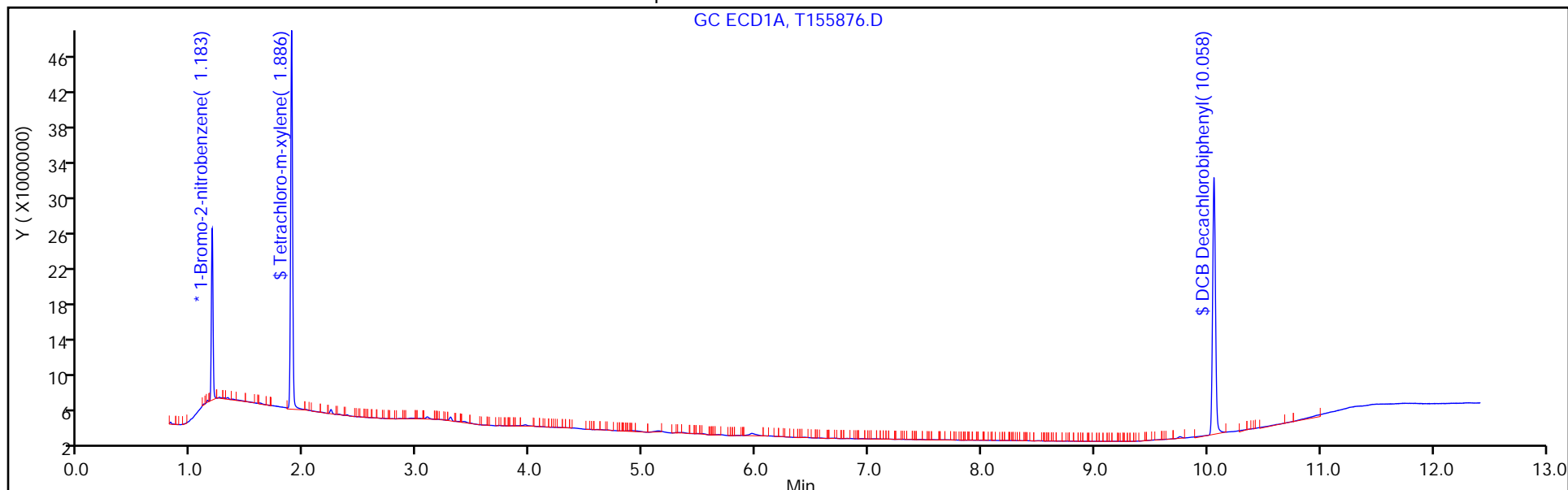
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 46

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



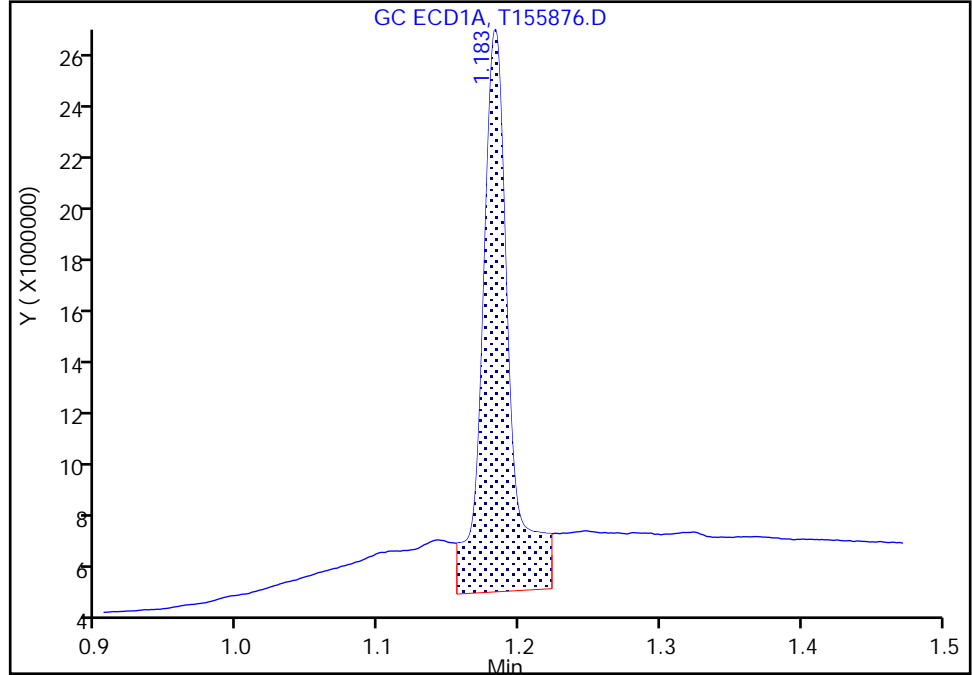
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155876.D  
Injection Date: 28-Feb-2019 01:30:01 Instrument ID: CPESTGC11  
Lims ID: MB 460-592055/1-A  
Client ID:  
Operator ID: ALS Bottle#: 46 Worklist Smp#: 6  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

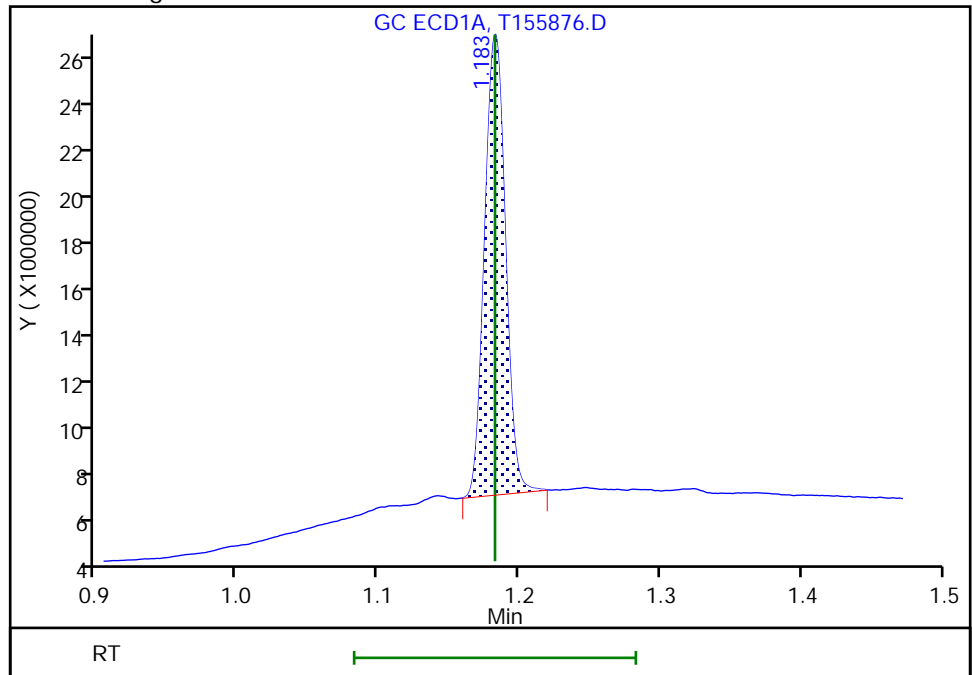
RT: 1.18  
Area: 27736866  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.18  
Area: 19634277  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 06:29:10  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-592055/1-A  
 Matrix: Solid Lab File ID: T155876.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.00 (g) Date Analyzed: 02/28/2019 01:30  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155876.D  
 Lims ID: MB 460-592055/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 28-Feb-2019 01:30:01 ALS Bottle#: 46 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-006  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:29:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.183	1.183	0.000	19634277	20.0	20.0	M
2	1.335	1.334	0.001	18756099	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.886	1.886	0.000	51823125	50.0	52.0	
2	1.973	1.973	0.000	45996238	50.0	50.2	
RPD = 3.47							



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	51501831	50.0	49.0	
2	9.638	9.633	0.005	49051710	50.0	56.0	

RPD = 13.36

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155876.D

Injection Date: 28-Feb-2019 01:30:01

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-592055/1-A

Worklist Smp#: 6

Client ID:

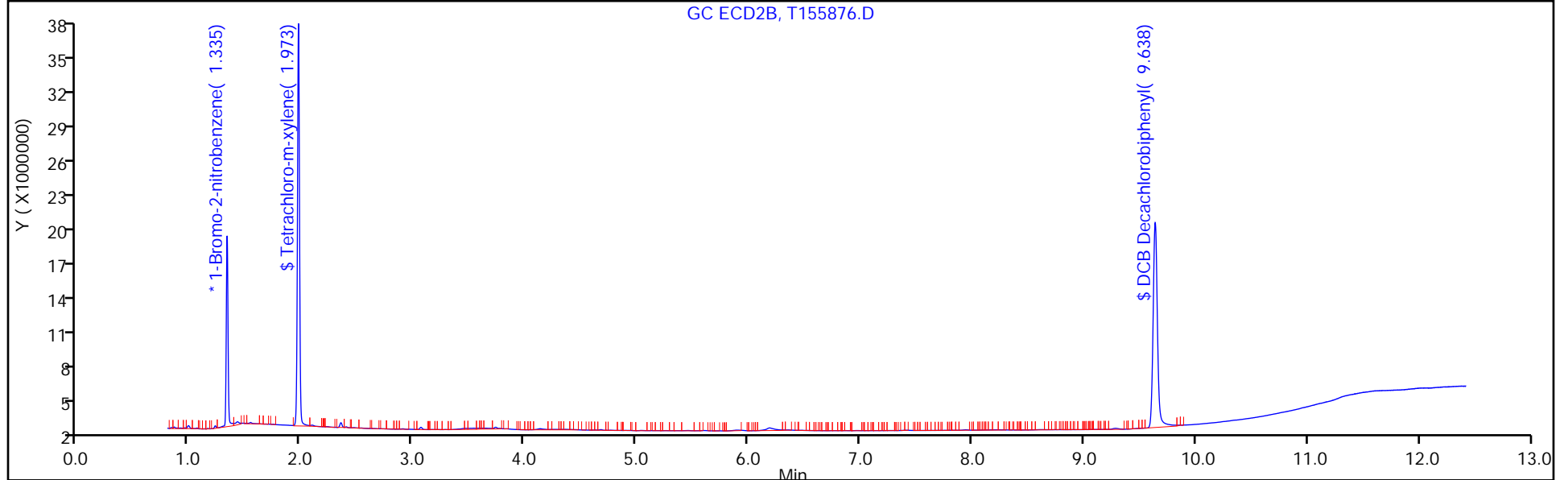
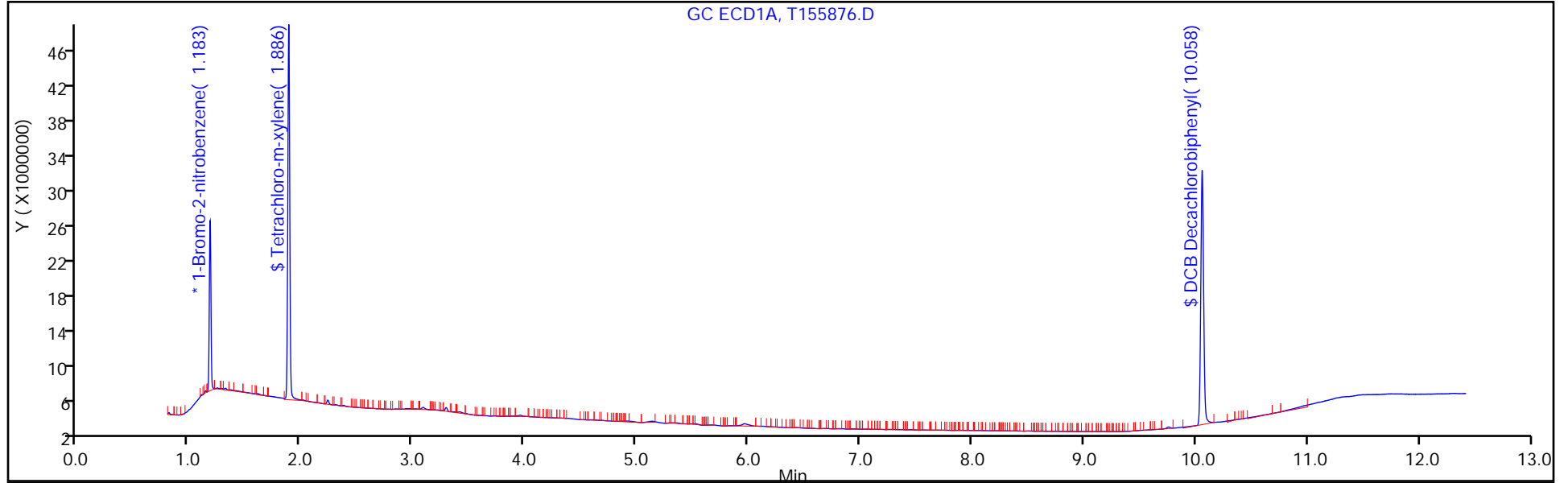
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 46

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-592057/1-A  
 Matrix: Solid Lab File ID: 9F003673.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.00 (g) Date Analyzed: 02/28/2019 00:29  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	150		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003673.D  
 Lims ID: MB 460-592057/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 28-Feb-2019 00:29:21 ALS Bottle#: 54 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-006  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 10:46:08 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:44:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.355	1.351	0.004	1587280	20.0	20.0	M
2	1.344	1.340	0.004	4380667	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	2.178	2.172	0.006	5473744	50.0	66.7	
2	1.987	1.981	0.006	15392151	50.0	66.4	
RPD = 0.41							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl							M
1	10.511	10.509	0.002	6145511	50.0	74.9	M
2	9.672	9.664	0.008	12786319	50.0	73.2	
						RPD = 2.39	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013                      Amount Added: 20.00                      Units: uL                      Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003673.D

Injection Date: 28-Feb-2019 00:29:21

Instrument ID: CPESTGC9

Operator ID:

Lims ID: MB 460-592057/1-A

Worklist Smp#: 6

Client ID:

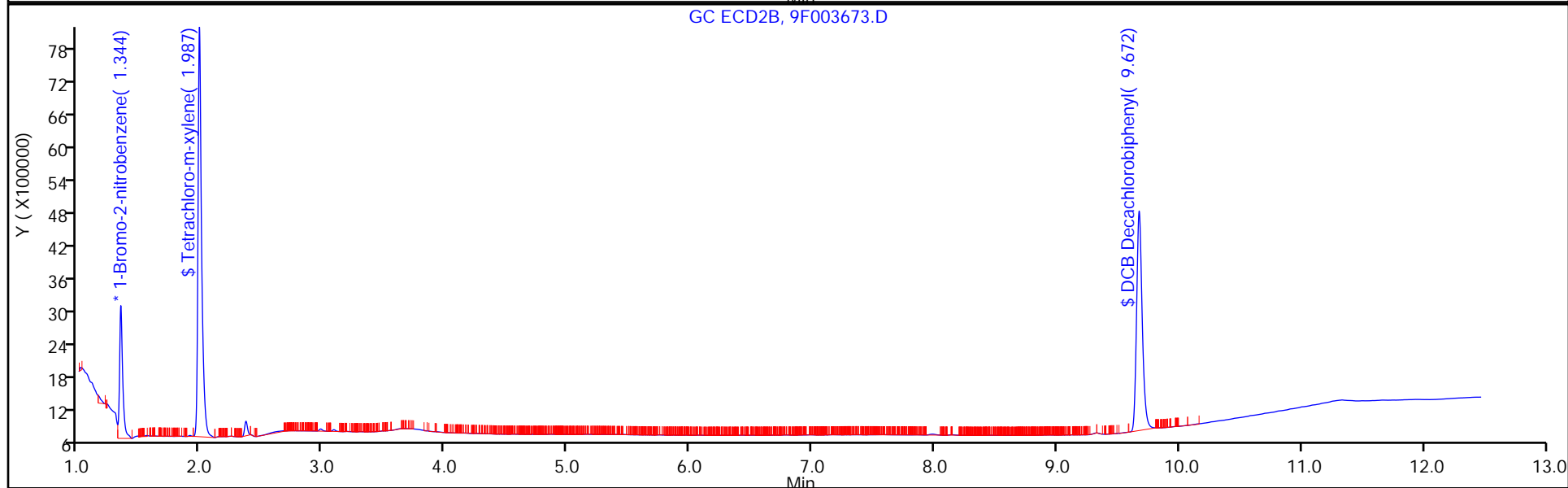
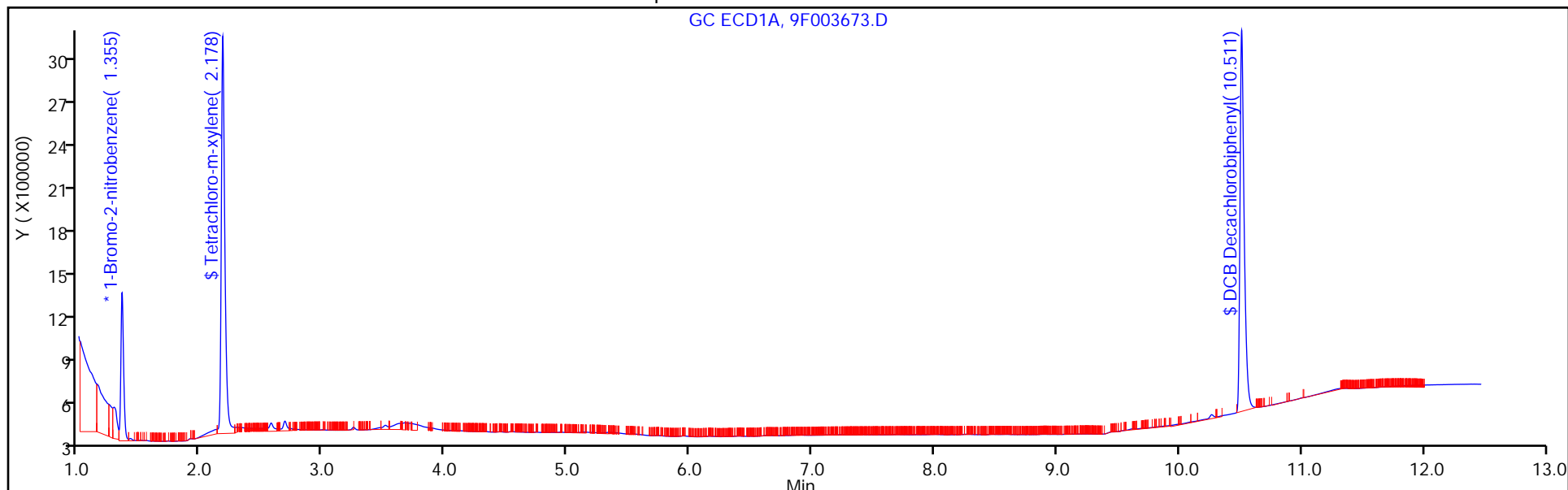
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 54

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

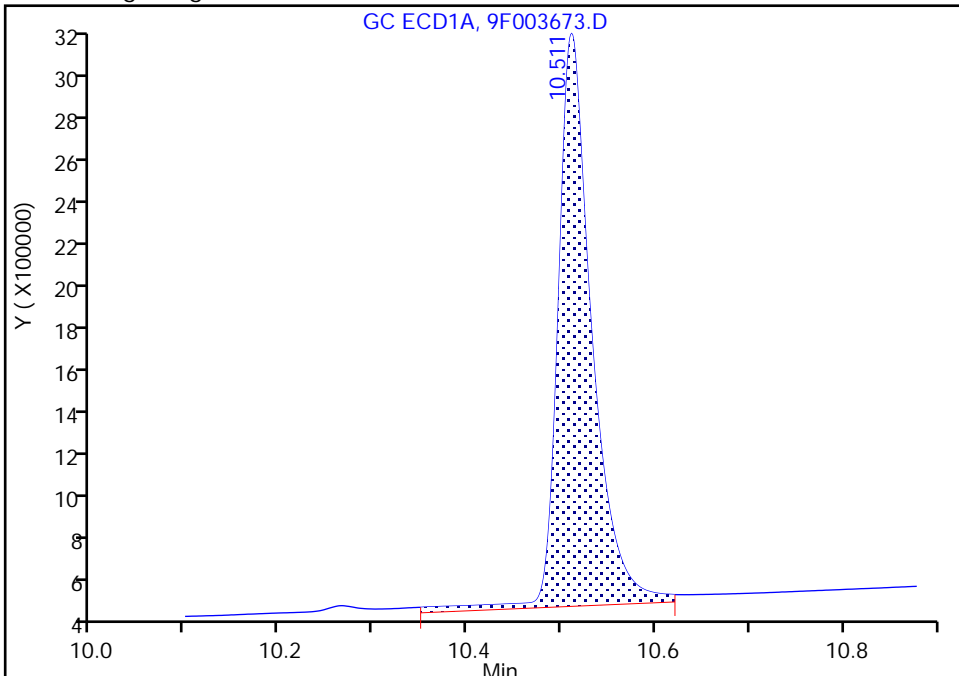
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003673.D  
Injection Date: 28-Feb-2019 00:29:21 Instrument ID: CPESTGC9  
Lims ID: MB 460-592057/1-A  
Client ID:  
Operator ID: ALS Bottle#: 54 Worklist Smp#: 6  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 1

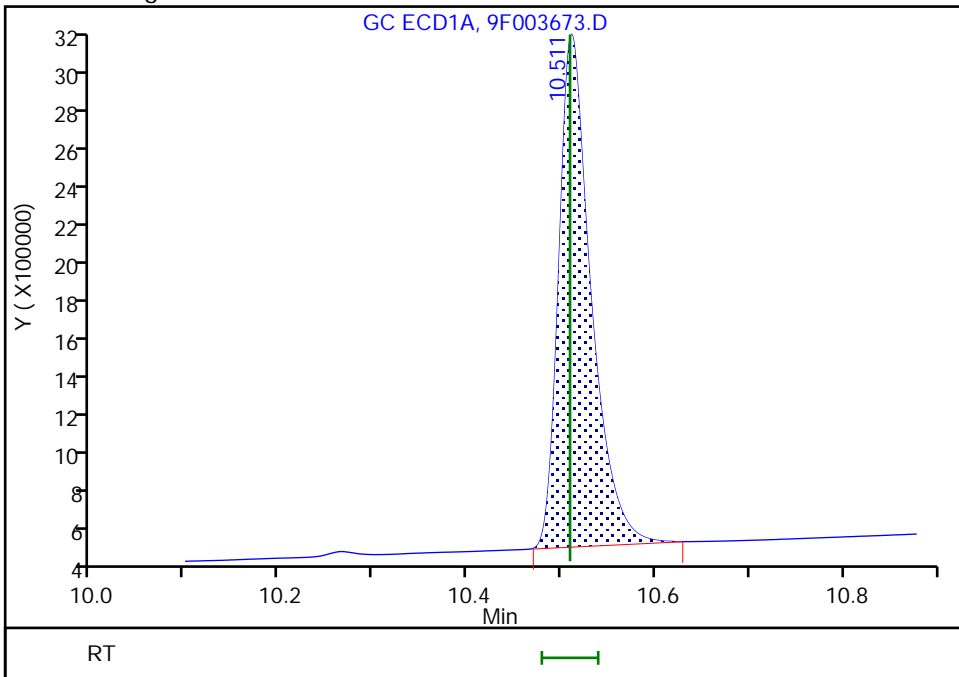
RT: 10.51  
Area: 6559589  
Amount: 79.997401  
Amount Units: ug/l

Processing Integration Results



RT: 10.51  
Area: 6145511  
Amount: 74.947517  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:43:27  
Audit Action: Manually Integrated

Audit Reason: Baseline Smoothing

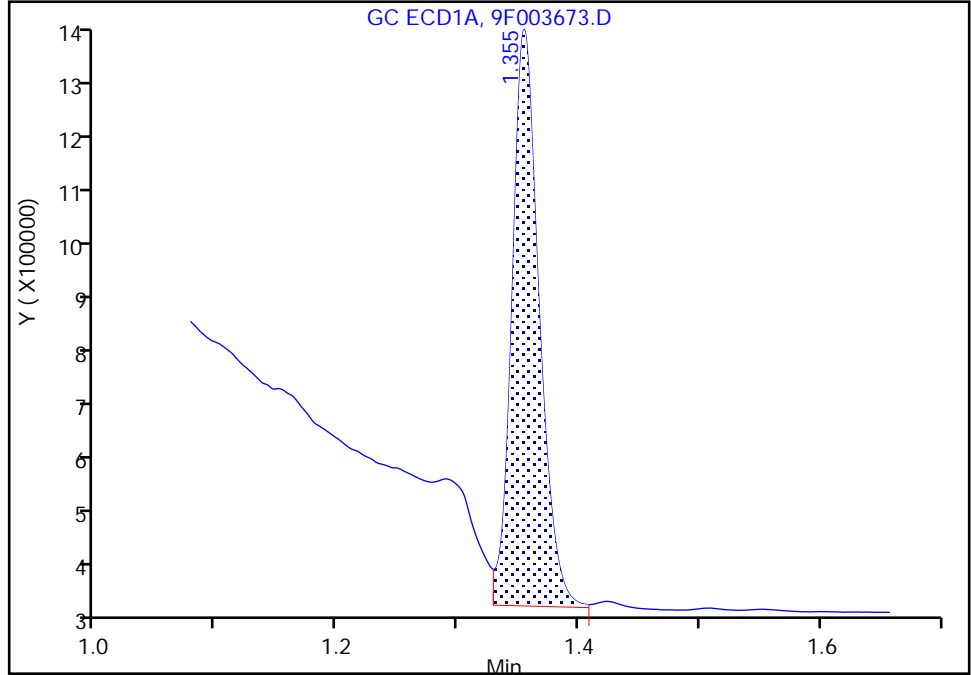
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003673.D  
Injection Date: 28-Feb-2019 00:29:21 Instrument ID: CPESTGC9  
Lims ID: MB 460-592057/1-A  
Client ID:  
Operator ID: ALS Bottle#: 54 Worklist Smp#: 6  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

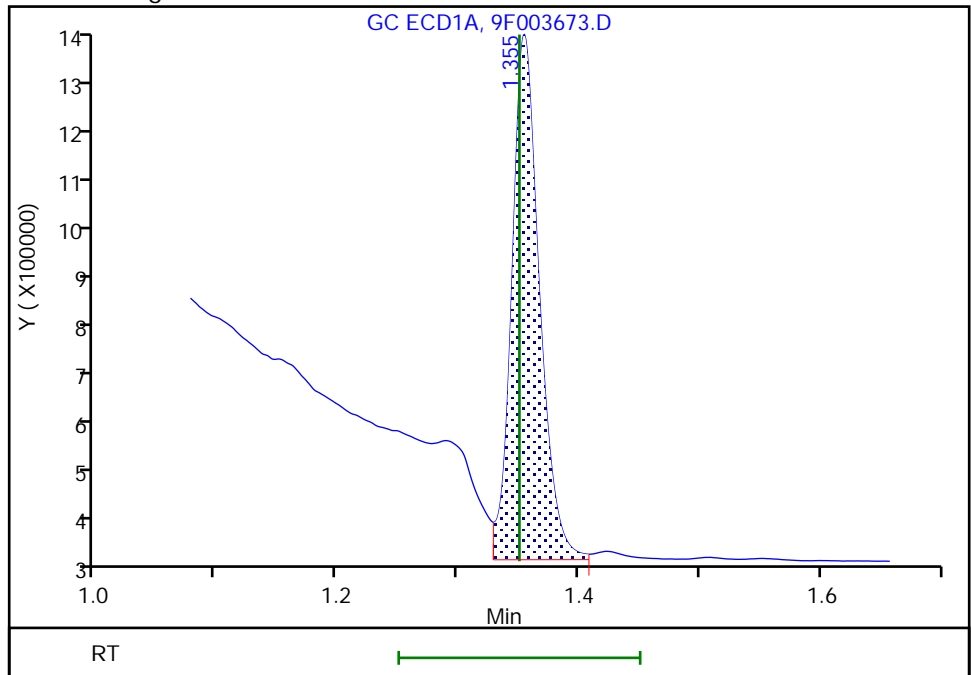
RT: 1.35  
Area: 1552007  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 1587280  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:42:24  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-592057/1-A  
 Matrix: Solid Lab File ID: 9F003673.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.00 (g) Date Analyzed: 02/28/2019 00:29  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	146		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003673.D  
 Lims ID: MB 460-592057/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 28-Feb-2019 00:29:21 ALS Bottle#: 54 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-006  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 10:46:08 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:44:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.355	1.351	0.004	1587280	20.0	20.0	M
2	1.344	1.340	0.004	4380667	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	2.178	2.172	0.006	5473744	50.0	66.7	
2	1.987	1.981	0.006	15392151	50.0	66.4	
RPD = 0.41							

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003673.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl							M
1	10.511	10.509	0.002	6145511	50.0	74.9	M
2	9.672	9.664	0.008	12786319	50.0	73.2	
						RPD = 2.39	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013                      Amount Added: 20.00                      Units: uL                      Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003673.D

Injection Date: 28-Feb-2019 00:29:21

Instrument ID: CPESTGC9

Operator ID:

Lims ID: MB 460-592057/1-A

Worklist Smp#: 6

Client ID:

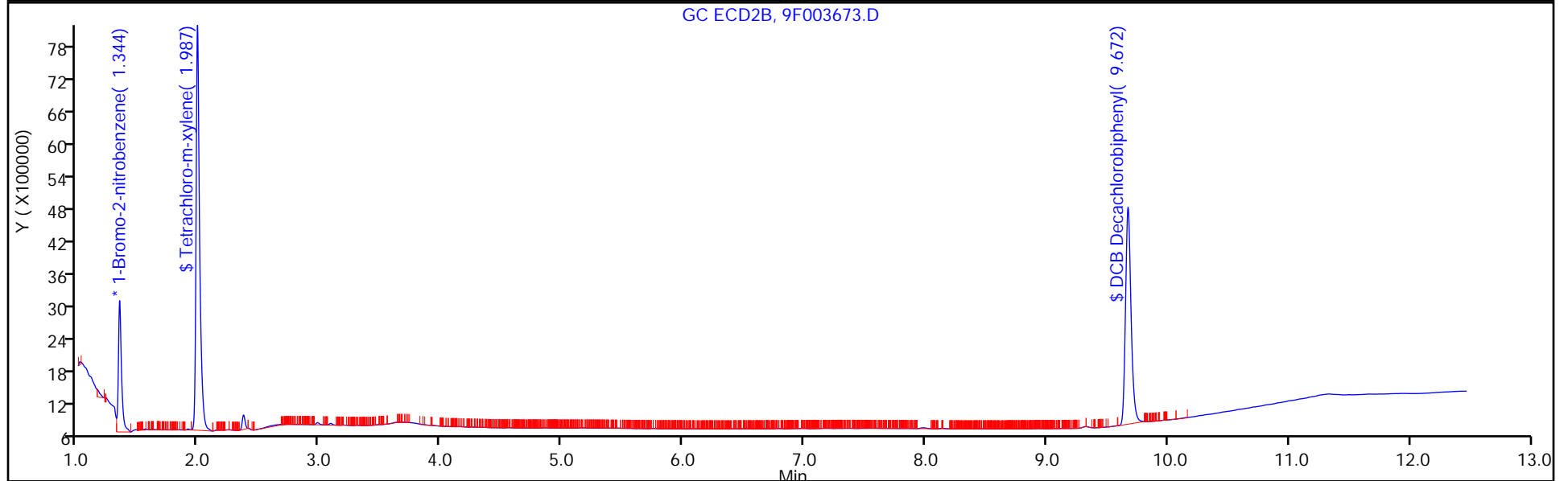
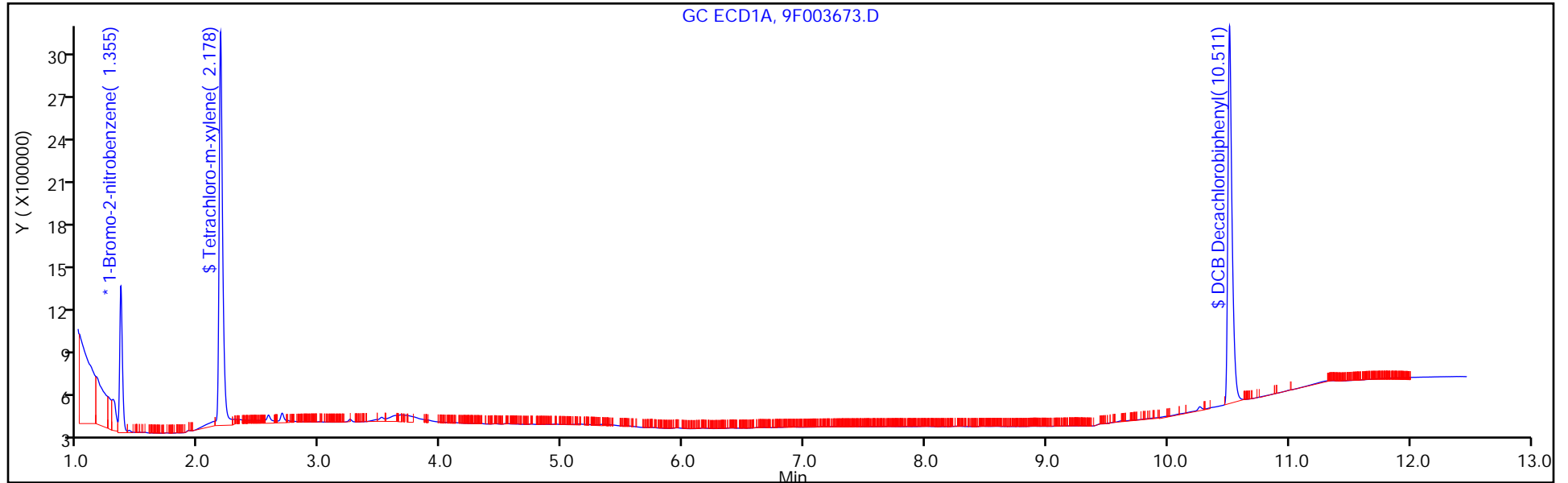
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 54

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

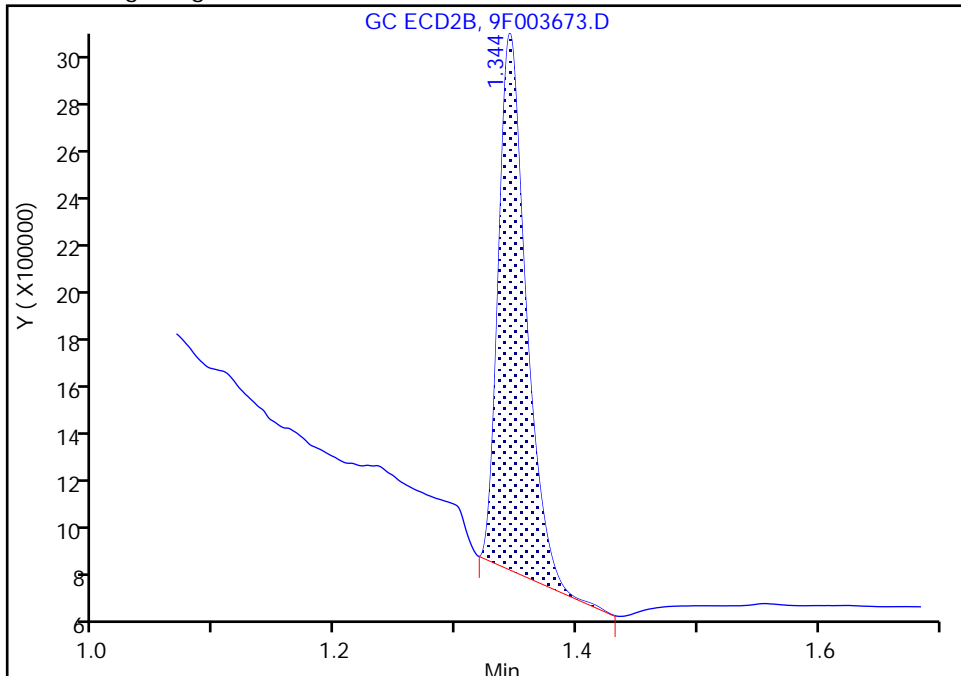
Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003673.D  
Injection Date: 28-Feb-2019 00:29:21 Instrument ID: CPESTGC9  
Lims ID: MB 460-592057/1-A  
Client ID:  
Operator ID: ALS Bottle#: 54 Worklist Smp#: 6  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

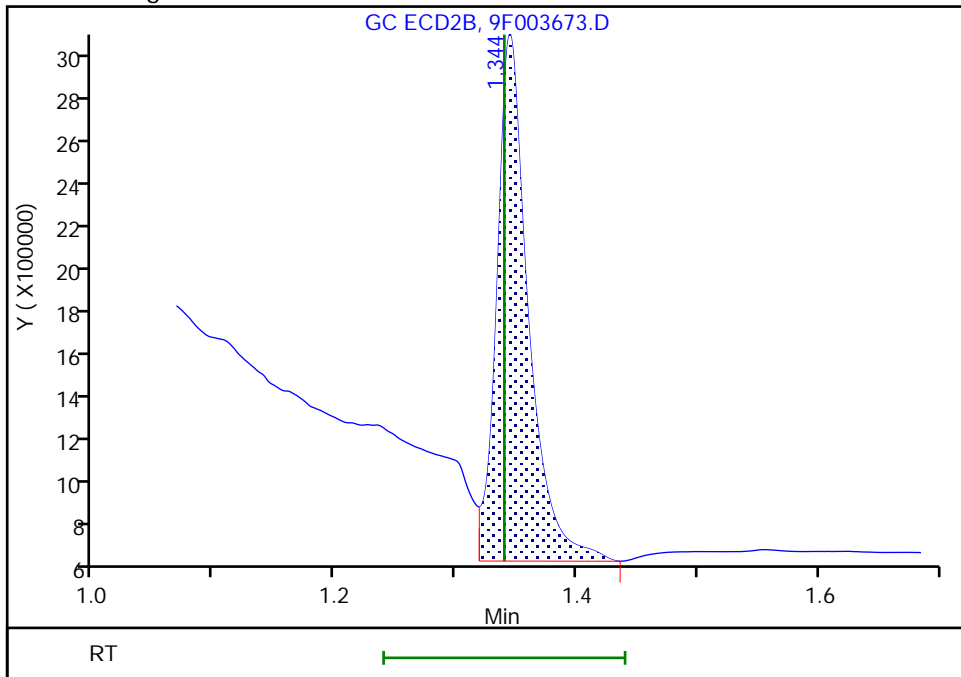
RT: 1.34  
Area: 3543450  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.34  
Area: 4380667  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:42:51  
Audit Action: Manually Integrated

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-592174/1-A  
 Matrix: Solid Lab File ID: 8F135760.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.02 (g) Date Analyzed: 02/28/2019 06:08  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135760.D  
 Lims ID: MB 460-592174/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 28-Feb-2019 06:08:38 ALS Bottle#: 6 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-006  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 14:59:24 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 07:27:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene M

1	1.414	1.414	0.000	1693987	20.0	20.0	M
2	1.396	1.396	0.000	1463729	20.0	20.0	M
RPD = 0.00							

\$ 2 Tetrachloro-m-xylene

1	2.269	2.268	0.001	4868675	50.0	54.5	
2	2.059	2.058	0.001	4927637	50.0	49.3	
RPD = 9.95							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.668	10.670	-0.002	5603329	50.0	59.3	
2	9.820	9.818	0.002	6747160	50.0	59.9	

RPD = 0.99

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135760.D

Injection Date: 28-Feb-2019 06:08:38

Instrument ID: CPESTGC8

Operator ID:

Lims ID: MB 460-592174/1-A

Worklist Smp#: 6

Client ID:

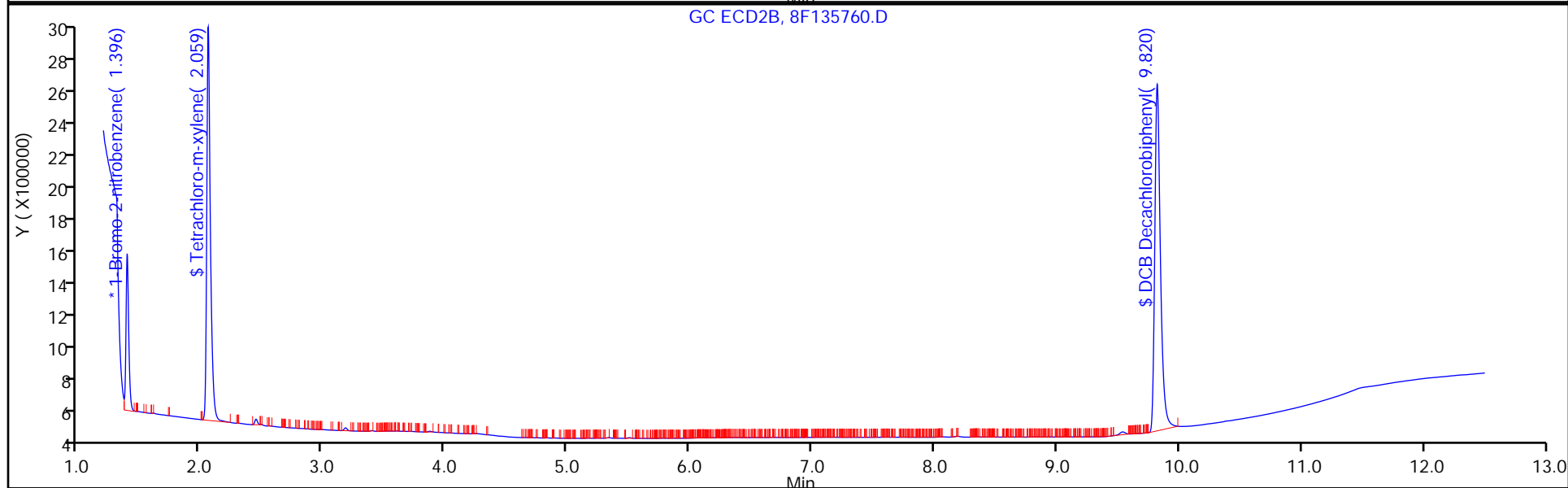
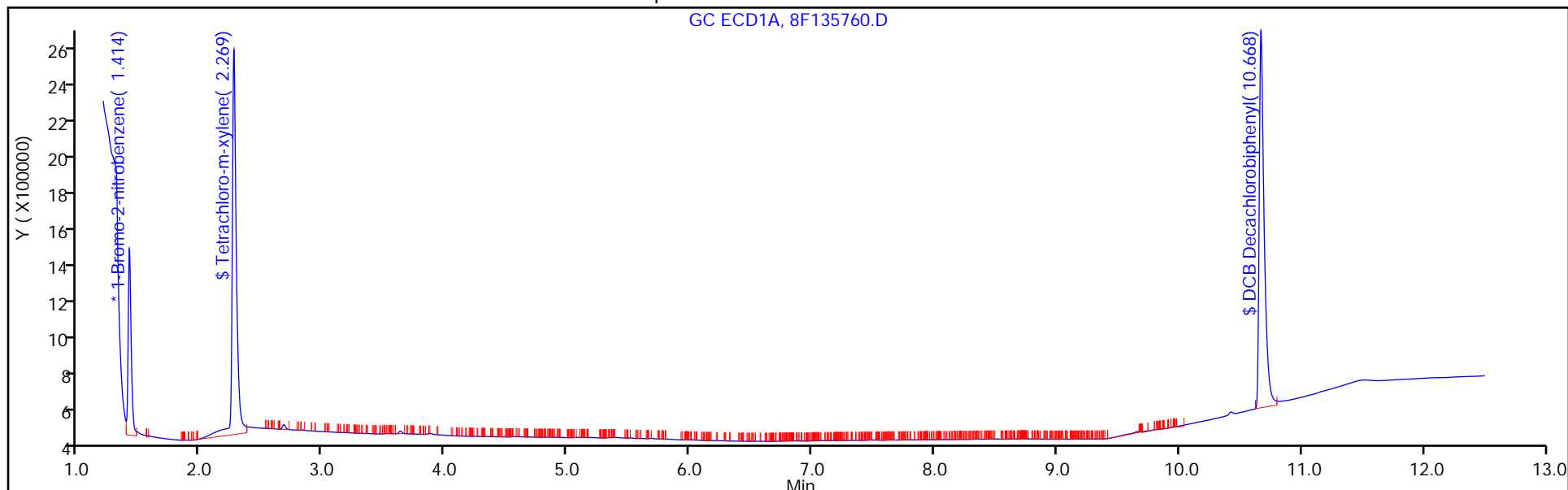
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



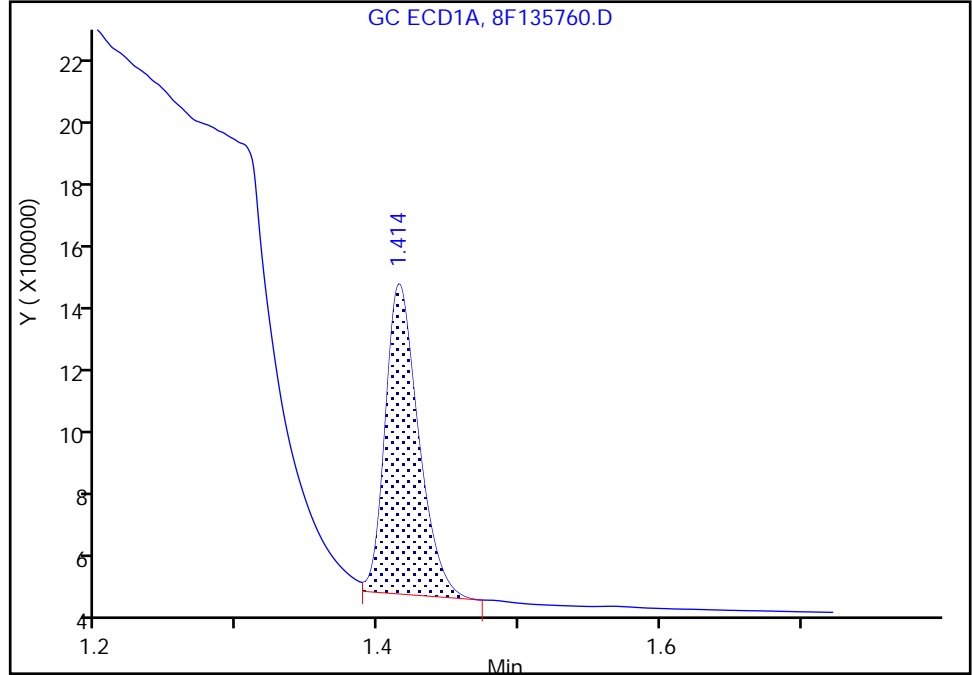
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135760.D  
Injection Date: 28-Feb-2019 06:08:38 Instrument ID: CPESTGC8  
Lims ID: MB 460-592174/1-A  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

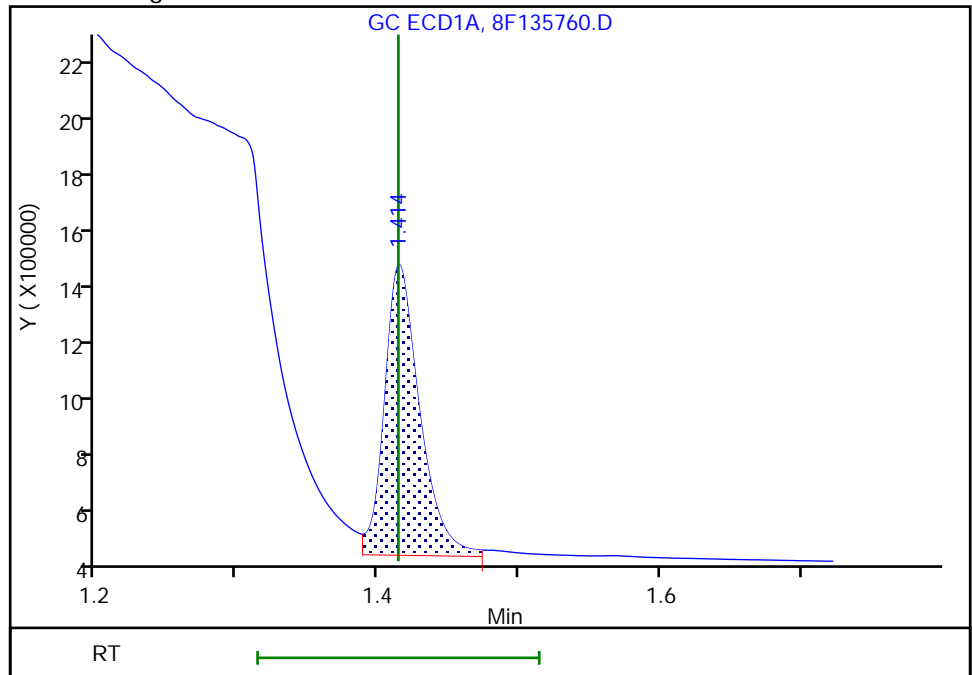
RT: 1.41  
Area: 1531983  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.41  
Area: 1693987  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:28:30  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-592174/1-A  
 Matrix: Solid Lab File ID: 8F135760.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 06:08  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135760.D  
 Lims ID: MB 460-592174/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 28-Feb-2019 06:08:38 ALS Bottle#: 6 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-006  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 14:59:24 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 07:27:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.414	1.414	0.000	1693987	20.0	20.0	M
2	1.396	1.396	0.000	1463729	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	2.269	2.268	0.001	4868675	50.0	54.5	
2	2.059	2.058	0.001	4927637	50.0	49.3	
RPD = 9.95							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	10.668	10.670	-0.002	5603329	50.0	59.3	
2	9.820	9.818	0.002	6747160	50.0	59.9	

RPD = 0.99

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135760.D

Injection Date: 28-Feb-2019 06:08:38

Instrument ID: CPESTGC8

Operator ID:

Lims ID: MB 460-592174/1-A

Worklist Smp#: 6

Client ID:

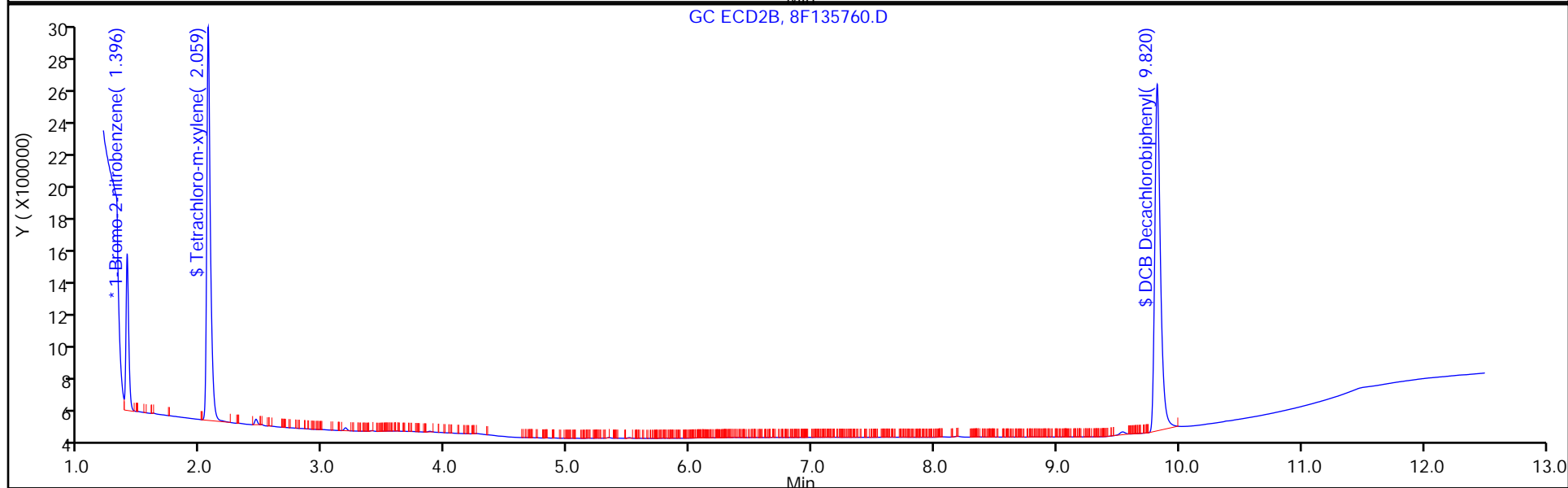
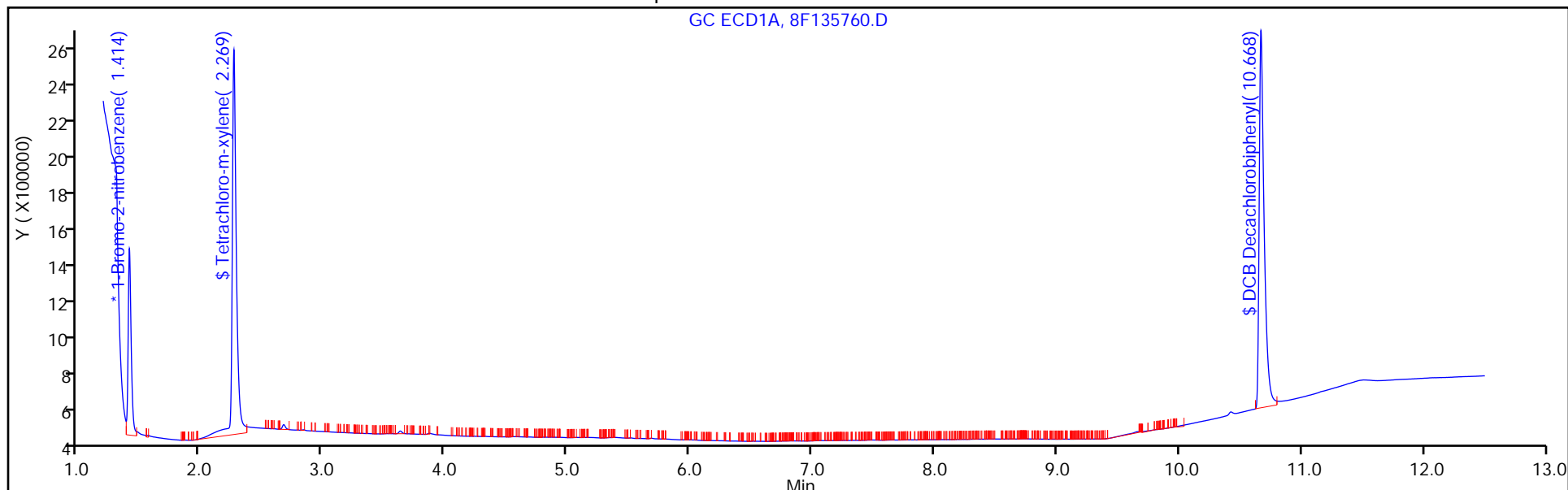
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



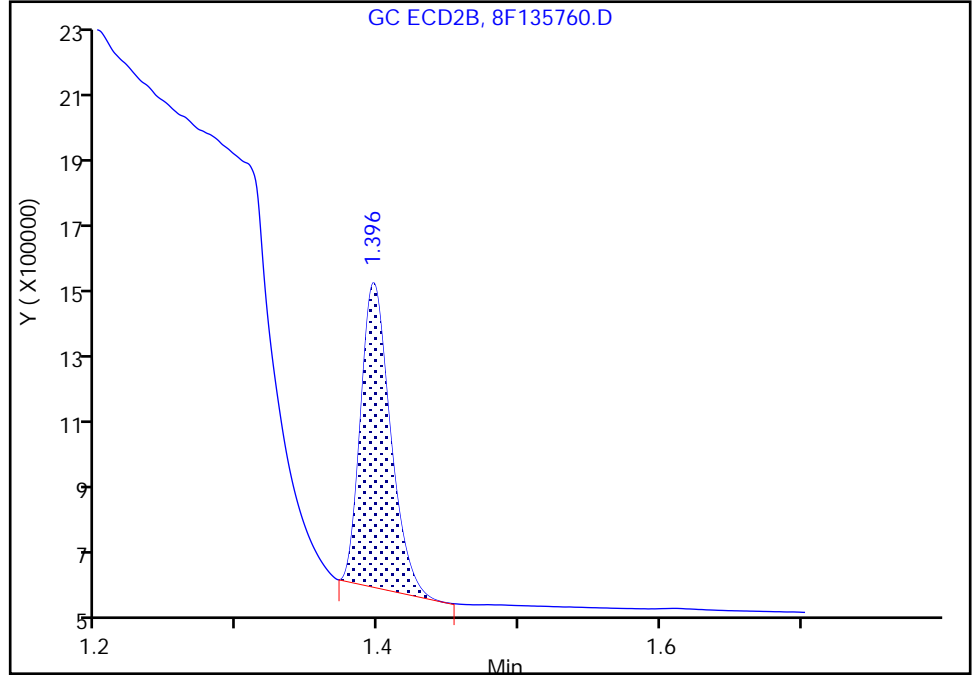
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135760.D  
Injection Date: 28-Feb-2019 06:08:38 Instrument ID: CPESTGC8  
Lims ID: MB 460-592174/1-A  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

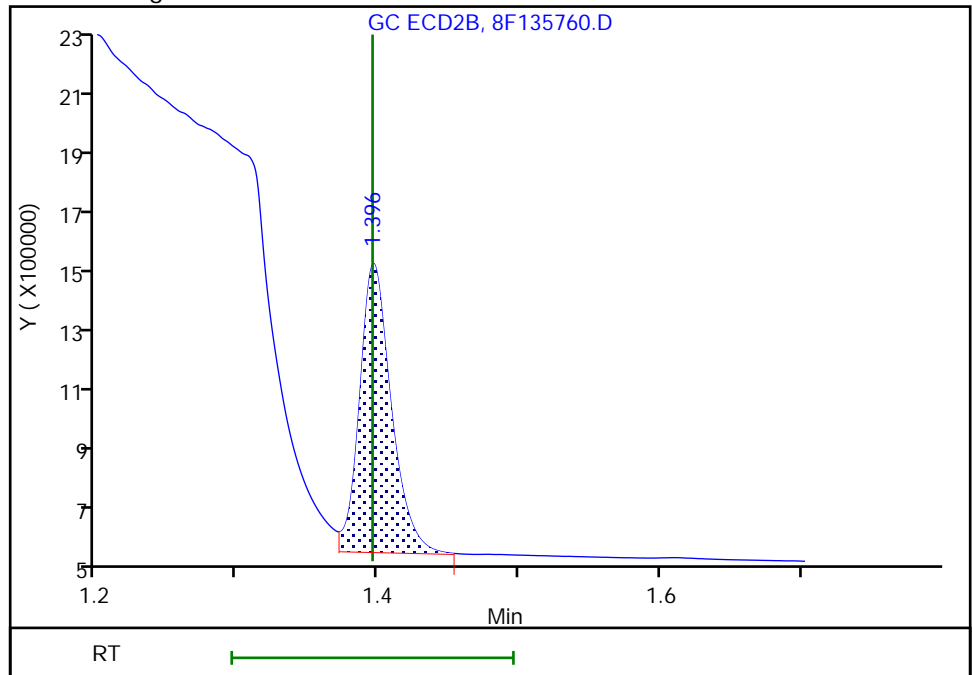
RT: 1.40  
Area: 1303859  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.40  
Area: 1463729  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:28:09  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-593932/1-A  
 Matrix: Solid Lab File ID: 7R002467.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.02 (g) Date Analyzed: 03/08/2019 06:31  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		53-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002467.D  
 Lims ID: MB 460-593932/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 08-Mar-2019 06:31:25 ALS Bottle#: 84 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-006  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 11:42:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.380	-0.003	84015	20.0	20.0	
2	2.823	2.823	0.000	36301	20.0	20.0	
							RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	5.187	5.190	-0.003	109510	50.0	45.3	
2	4.213	4.213	0.000	104264	50.0	52.7	
							RPD = 15.20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	184038	50.0	52.5
2	15.177	15.177	0.000	134042	50.0	60.0

RPD = 13.31

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002467.D

Injection Date: 08-Mar-2019 06:31:25

Instrument ID: CPESTGC7

Operator ID:

Lims ID: MB 460-593932/1-A

Worklist Smp#: 6

Client ID:

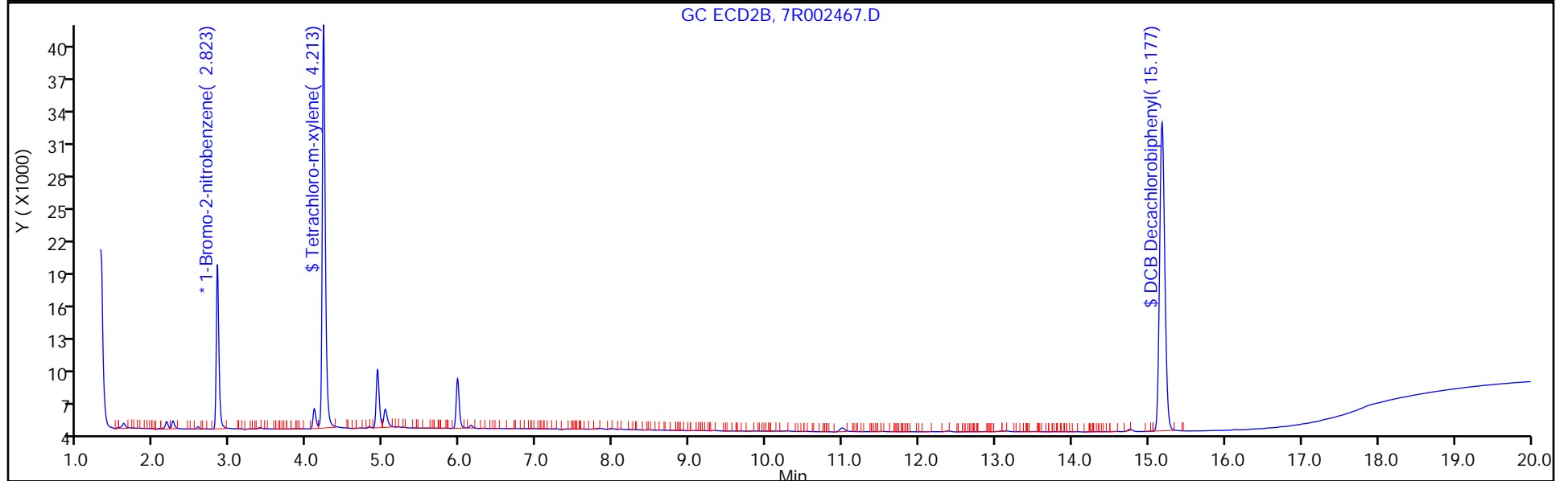
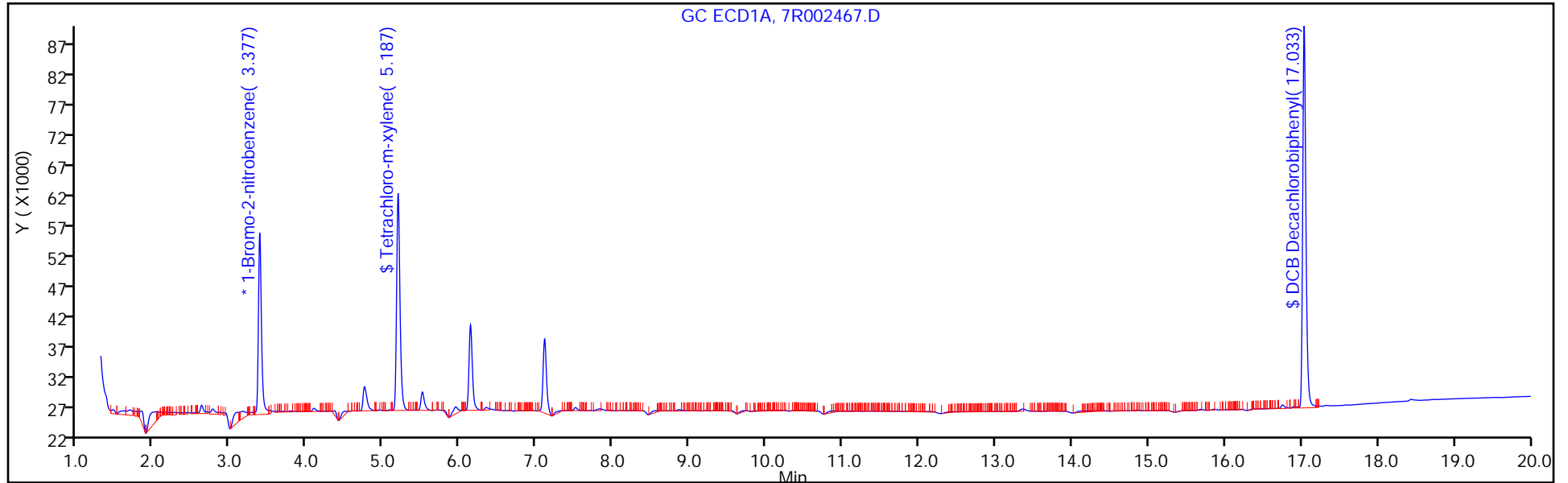
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 84

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-593932/1-A  
 Matrix: Solid Lab File ID: 7R002467.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.02(g) Date Analyzed: 03/08/2019 06:31  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002467.D  
 Lims ID: MB 460-593932/1-A  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 08-Mar-2019 06:31:25 ALS Bottle#: 84 Worklist Smp#: 6  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-006  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 11:42:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.380	-0.003	84015	20.0	20.0	
2	2.823	2.823	0.000	36301	20.0	20.0	
							RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	5.187	5.190	-0.003	109510	50.0	45.3	
2	4.213	4.213	0.000	104264	50.0	52.7	
							RPD = 15.20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	184038	50.0	52.5
2	15.177	15.177	0.000	134042	50.0	60.0

RPD = 13.31

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002467.D

Injection Date: 08-Mar-2019 06:31:25

Instrument ID: CPESTGC7

Operator ID:

Lims ID: MB 460-593932/1-A

Worklist Smp#: 6

Client ID:

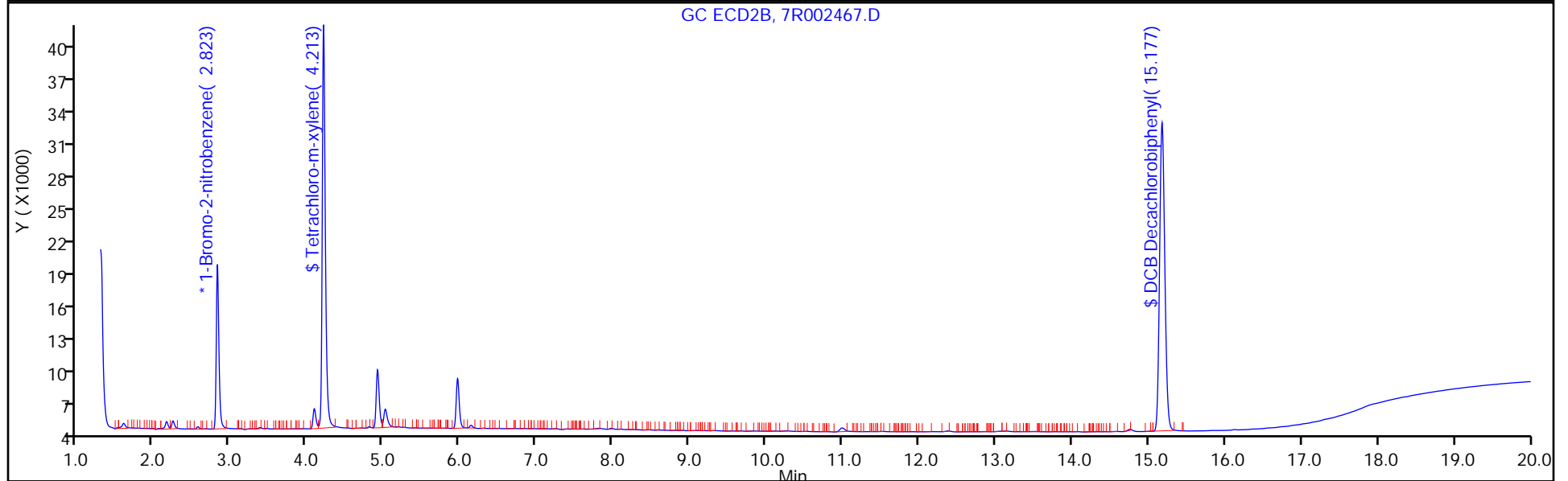
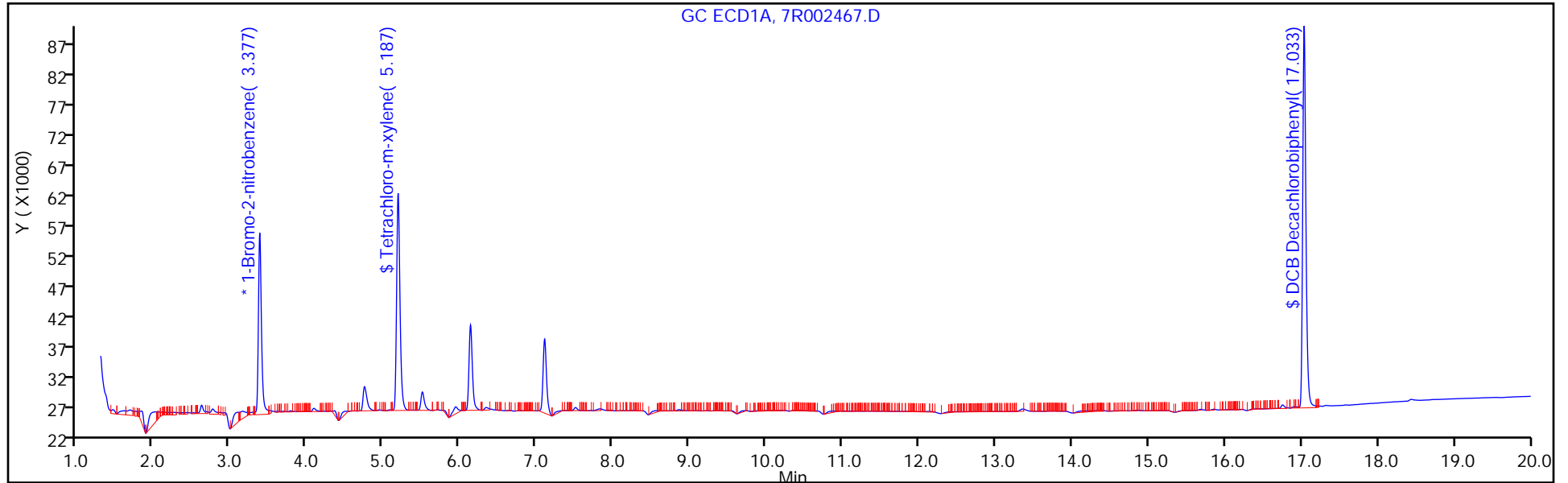
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 84

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-591970/2-A  
 Matrix: Water Lab File ID: 8F135753.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3510C Date Extracted: 02/27/2019 01:20  
 Sample wt/vol: 250 (mL) Date Analyzed: 02/27/2019 13:43  
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 591982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3.77		0.40	0.12
11096-82-5	Aroclor 1260	3.93		0.40	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	62		10-150



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135753.D  
 Lims ID: LCS 460-591970/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 27-Feb-2019 13:43:43 ALS Bottle#: 64 Worklist Smp#: 31  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087113-031  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 14:27:06 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: guhas Date: 27-Feb-2019 14:26:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.417	1.416	0.001	1481363	20.0	20.0	
2	1.398	1.397	0.001	1514533	20.0	20.0	M
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	2.272	2.273	-0.001	3833546	100.0	49.1	
2	2.061	2.060	0.001	4759796	100.0	46.0	
							RPD = 6.34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	2.821	2.823	-0.002	1488292	1000.0	872.1	
1	3.298	3.300	-0.002	3472891	1000.0	916.2	
1	3.837	3.839	-0.002	5861560	1000.0	892.3	
1	3.995	3.998	-0.003	2688529	1000.0	913.5	
1	4.112	4.114	-0.002	1880982	1000.0	913.2	
1	4.560	4.563	-0.003	2191131	1000.0	1010.0	M
1	4.707	4.710	-0.003	2414477	1000.0	954.6	M
1	5.072	5.075	-0.003	2698260	1000.0	1070.2	M

Average of Peak Amounts = 942.7

2	2.444	2.443	0.001	1867198	1000.0	764.9	
2	2.828	2.826	0.002	3756659	1000.0	770.4	
2	3.044	3.043	0.001	2408326	1000.0	781.5	
2	3.342	3.340	0.002	7385337	1000.0	796.9	
2	3.493	3.492	0.001	2933584	1000.0	787.8	
2	3.561	3.559	0.002	1922877	1000.0	782.6	
2	3.966	3.965	0.001	3283300	1000.0	793.8	
2	4.408	4.407	0.001	1756049	1000.0	771.5	

Average of Peak Amounts = 781.2

RPD = 18.74

8 PCB-1260

1	5.957	5.960	-0.003	2071980	1000.0	955.7	
1	6.180	6.183	-0.003	4578341	1000.0	902.5	
1	6.519	6.523	-0.004	5154424	1000.0	907.2	
1	7.257	7.261	-0.004	3542897	1000.0	995.5	
1	7.778	7.783	-0.005	3505595	1000.0	933.8	
1	8.312	8.316	-0.004	7980506	1000.0	962.0	
1	9.066	9.071	-0.005	6253171	1000.0	1040.9	
1	10.077	10.083	-0.006	2388524	1000.0	1163.8	

Average of Peak Amounts = 982.7

2	5.402	5.401	0.001	4853735	1000.0	778.2	
2	6.129	6.128	0.001	8001688	1000.0	764.5	
2	6.301	6.300	0.001	4428577	1000.0	920.1	
2	6.667	6.664	0.003	4432231	1000.0	855.1	
2	7.184	7.182	0.002	10525909	1000.0	870.7	
2	7.672	7.669	0.003	5190171	1000.0	816.4	
2	7.832	7.832	0.000	3351301	1000.0	996.4	
2	8.935	8.932	0.003	3112765	1000.0	995.2	

Average of Peak Amounts = 874.6

RPD = 11.64

\$ 11 DCB Decachlorobiphenyl

1	10.682	10.693	-0.011	5145123	100.0	62.3	
2	9.826	9.825	0.001	6444045	100.0	55.3	

RPD = 11.88

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135753.D

Injection Date: 27-Feb-2019 13:43:43

Instrument ID: CPESTGC8

Operator ID:

Lims ID: LCS 460-591970/2-A

Worklist Smp#: 31

Client ID:

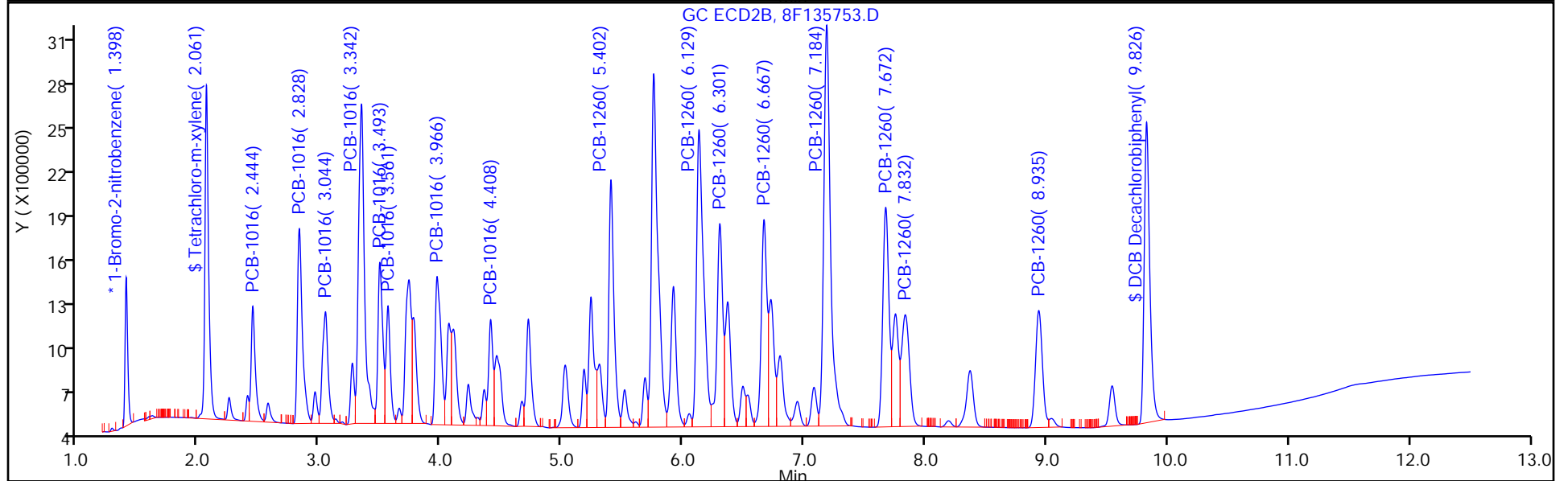
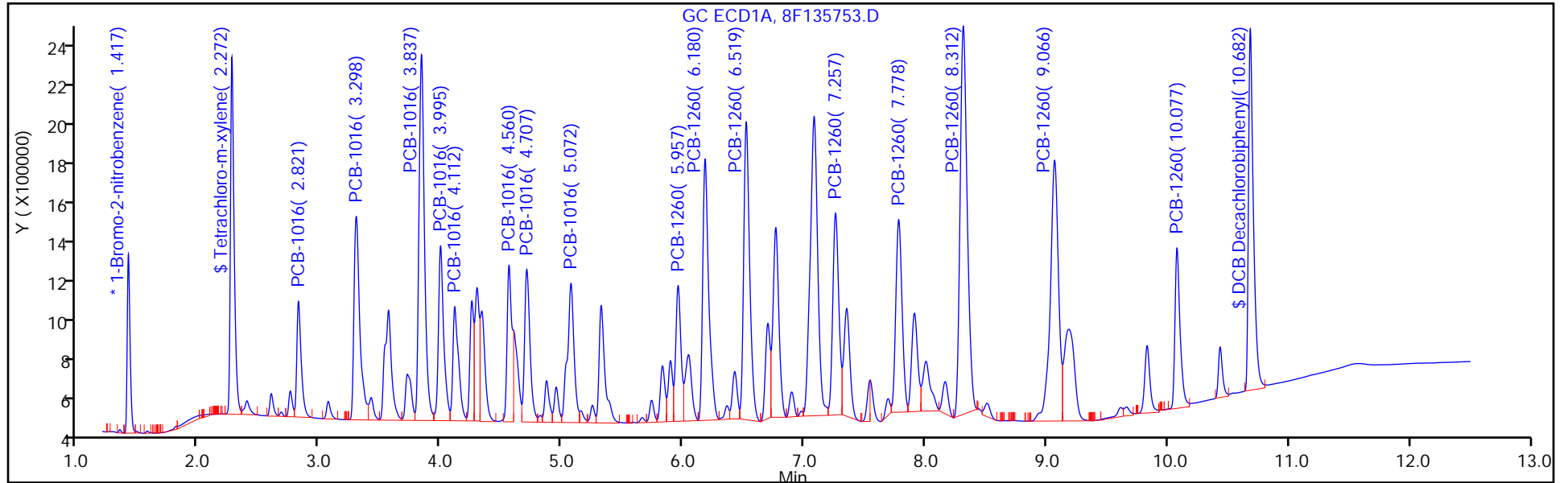
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 64

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135753.D

Injection Date: 27-Feb-2019 13:43:43

Instrument ID: CPESTGC8

Lims ID: LCS 460-591970/2-A

Client ID:

Operator ID:

ALS Bottle#: 64

Worklist Smp#: 31

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

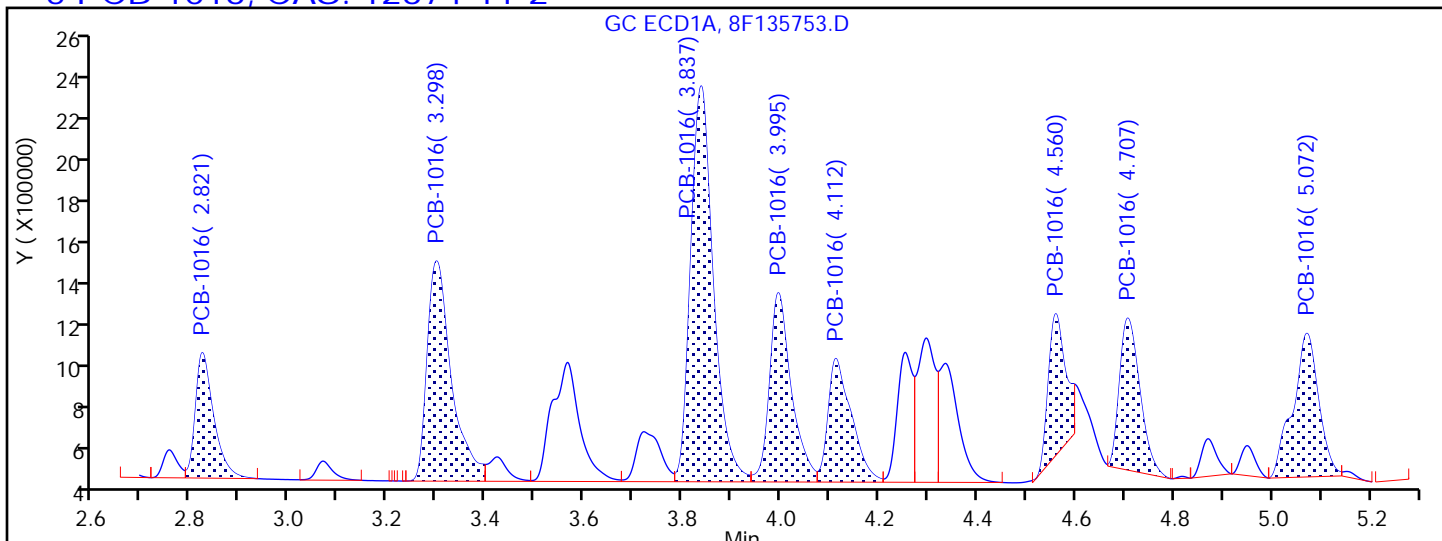
Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD

Column:

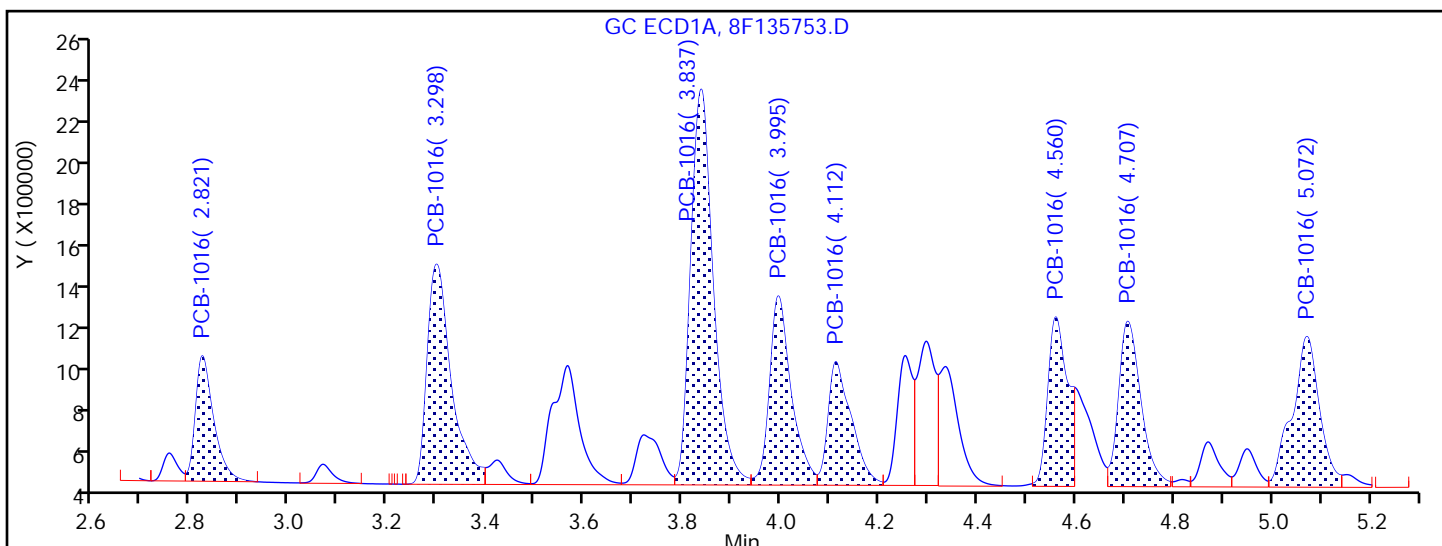
Detector: GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.821	Response = 1488292
3.298	Response = 3472891
3.837	Response = 5861560
3.995	Response = 2688529
4.112	Response = 1880982
4.560	Response = 1592096
4.707	Response = 2018520
5.072	Response = 2408463



Manual Integration Results

2.821	Response = 1488292
3.298	Response = 3472891
3.837	Response = 5861560
3.995	Response = 2688529
4.112	Response = 1880982
4.560	Response = 2191131

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-591970/2-A  
 Matrix: Water Lab File ID: 8F135753.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3510C Date Extracted: 02/27/2019 01:20  
 Sample wt/vol: 250 (mL) Date Analyzed: 02/27/2019 13:43  
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 591982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3.12		0.40	0.12
11096-82-5	Aroclor 1260	3.50		0.40	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	55		10-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135753.D  
 Lims ID: LCS 460-591970/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 27-Feb-2019 13:43:43 ALS Bottle#: 64 Worklist Smp#: 31  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087113-031  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 14:27:06 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: guhas Date: 27-Feb-2019 14:26:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.417	1.416	0.001	1481363	20.0	20.0	
2	1.398	1.397	0.001	1514533	20.0	20.0	M
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	2.272	2.273	-0.001	3833546	100.0	49.1	
2	2.061	2.060	0.001	4759796	100.0	46.0	
							RPD = 6.34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.821	2.823	-0.002	1488292	1000.0	872.1	
1	3.298	3.300	-0.002	3472891	1000.0	916.2	
1	3.837	3.839	-0.002	5861560	1000.0	892.3	
1	3.995	3.998	-0.003	2688529	1000.0	913.5	
1	4.112	4.114	-0.002	1880982	1000.0	913.2	
1	4.560	4.563	-0.003	2191131	1000.0	1010.0	M
1	4.707	4.710	-0.003	2414477	1000.0	954.6	M
1	5.072	5.075	-0.003	2698260	1000.0	1070.2	M

Average of Peak Amounts = 942.7

2	2.444	2.443	0.001	1867198	1000.0	764.9	
2	2.828	2.826	0.002	3756659	1000.0	770.4	
2	3.044	3.043	0.001	2408326	1000.0	781.5	
2	3.342	3.340	0.002	7385337	1000.0	796.9	
2	3.493	3.492	0.001	2933584	1000.0	787.8	
2	3.561	3.559	0.002	1922877	1000.0	782.6	
2	3.966	3.965	0.001	3283300	1000.0	793.8	
2	4.408	4.407	0.001	1756049	1000.0	771.5	

Average of Peak Amounts = 781.2

RPD = 18.74

8 PCB-1260

1	5.957	5.960	-0.003	2071980	1000.0	955.7	
1	6.180	6.183	-0.003	4578341	1000.0	902.5	
1	6.519	6.523	-0.004	5154424	1000.0	907.2	
1	7.257	7.261	-0.004	3542897	1000.0	995.5	
1	7.778	7.783	-0.005	3505595	1000.0	933.8	
1	8.312	8.316	-0.004	7980506	1000.0	962.0	
1	9.066	9.071	-0.005	6253171	1000.0	1040.9	
1	10.077	10.083	-0.006	2388524	1000.0	1163.8	

Average of Peak Amounts = 982.7

2	5.402	5.401	0.001	4853735	1000.0	778.2	
2	6.129	6.128	0.001	8001688	1000.0	764.5	
2	6.301	6.300	0.001	4428577	1000.0	920.1	
2	6.667	6.664	0.003	4432231	1000.0	855.1	
2	7.184	7.182	0.002	10525909	1000.0	870.7	
2	7.672	7.669	0.003	5190171	1000.0	816.4	
2	7.832	7.832	0.000	3351301	1000.0	996.4	
2	8.935	8.932	0.003	3112765	1000.0	995.2	

Average of Peak Amounts = 874.6

RPD = 11.64

\$ 11 DCB Decachlorobiphenyl

1	10.682	10.693	-0.011	5145123	100.0	62.3	
2	9.826	9.825	0.001	6444045	100.0	55.3	

RPD = 11.88



**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135753.D

Injection Date: 27-Feb-2019 13:43:43

Instrument ID: CPESTGC8

Operator ID:

Lims ID: LCS 460-591970/2-A

Worklist Smp#: 31

Client ID:

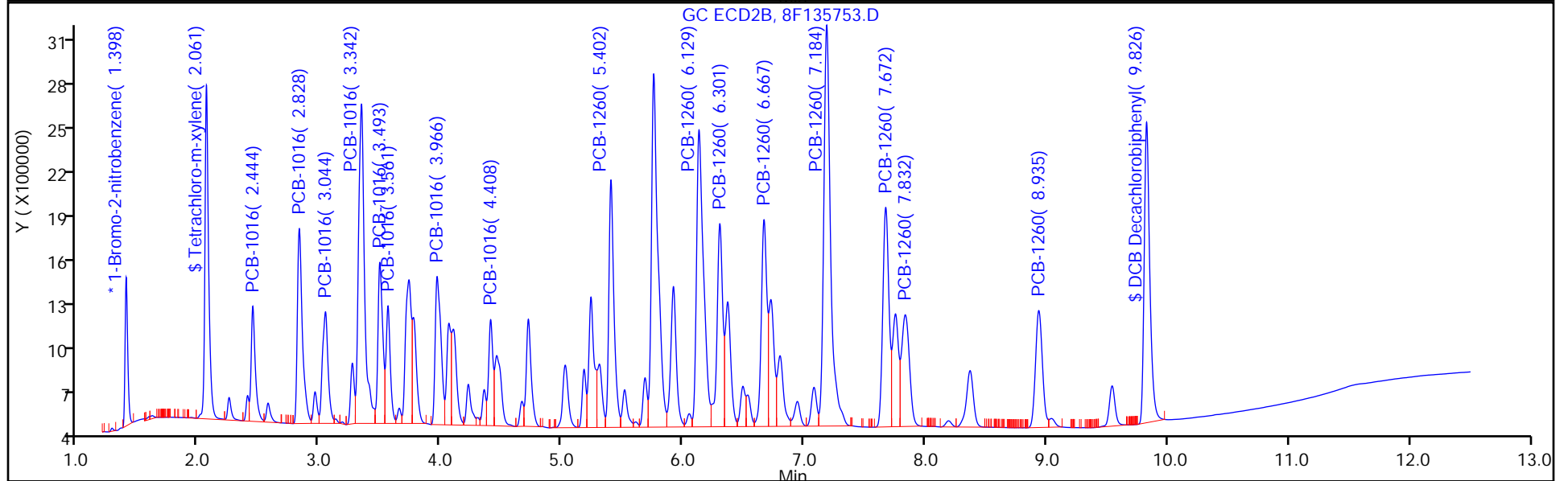
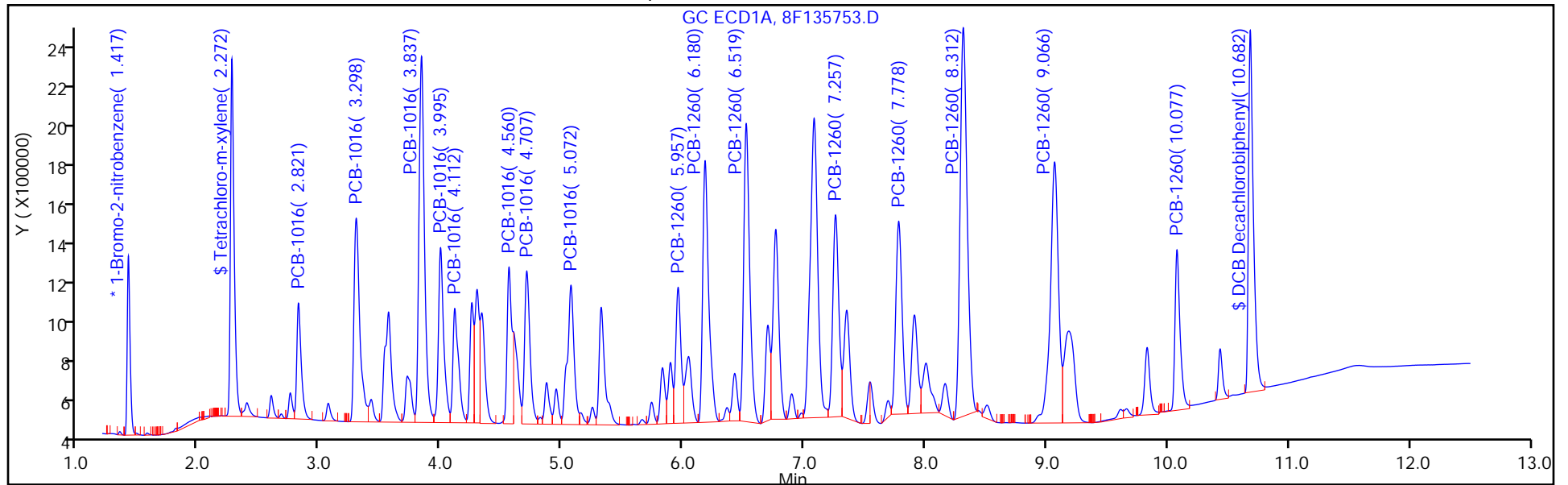
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 64

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



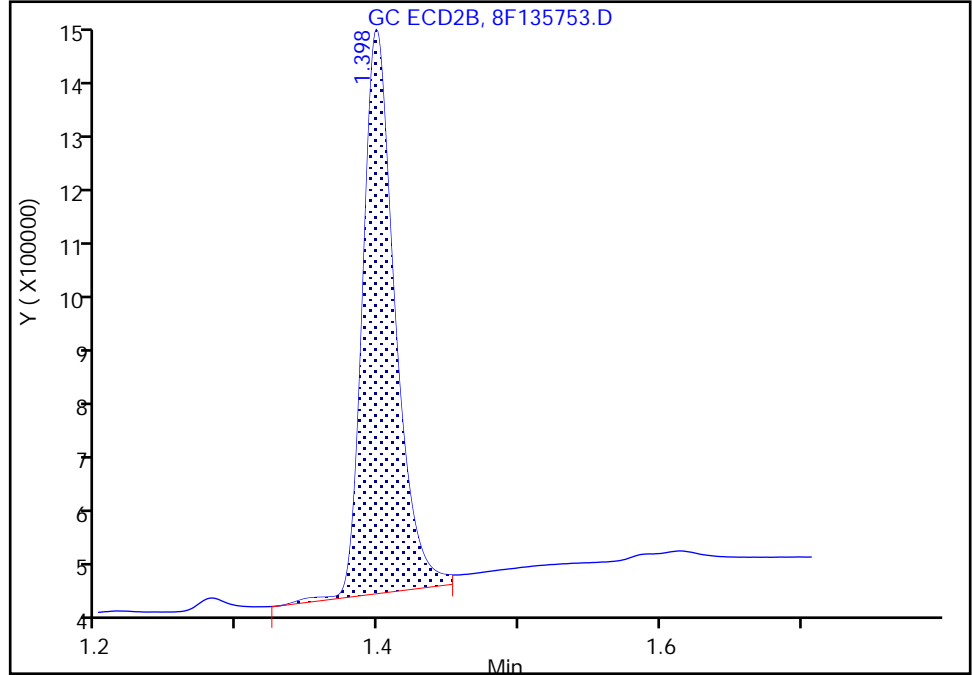
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135753.D  
Injection Date: 27-Feb-2019 13:43:43 Instrument ID: CPESTGC8  
Lims ID: LCS 460-591970/2-A  
Client ID:  
Operator ID: ALS Bottle#: 64 Worklist Smp#: 31  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

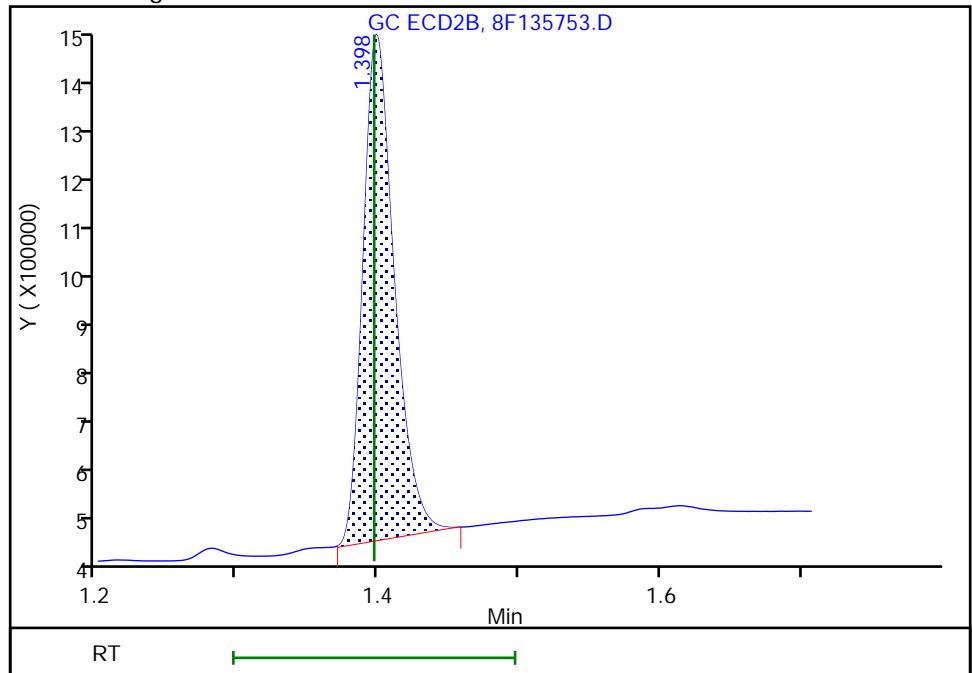
RT: 1.40  
Area: 1570724  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.40  
Area: 1514533  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 27-Feb-2019 14:25:57  
Audit Action: Manually Integrated

Audit Reason: Peak not integrated

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592055/2-A  
 Matrix: Solid Lab File ID: T155877.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 01:47  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
<i>12674-11-2</i>	<i>Aroclor 1016</i>	<i>347</i>		<i>67</i>	<i>8.9</i>
<i>11096-82-5</i>	<i>Aroclor 1260</i>	<i>352</i>		<i>67</i>	<i>9.2</i>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155877.D  
 Lims ID: LCS 460-592055/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 28-Feb-2019 01:47:07 ALS Bottle#: 47 Worklist Smp#: 7  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-007  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:30:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.184	1.183	0.001	18875828	20.0	20.0	M
2	1.334	1.334	0.000	18010228	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.888	1.886	0.002	50525061	50.0	52.7	
2	1.973	1.973	0.000	47137229	50.0	53.6	
RPD = 1.64							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

1	2.356	2.356	0.000	8575997	500.0	524.9	
1	2.779	2.779	0.000	18776542	500.0	552.0	
1	3.279	3.279	0.000	44645704	500.0	576.3	
1	3.425	3.422	0.003	19076933	500.0	607.6	
1	3.531	3.531	0.000	13526908	500.0	538.7	
1	3.957	3.956	0.001	13297276	500.0	483.6	
1	4.093	4.094	-0.001	13920430	500.0	467.7	
1	4.444	4.444	0.000	11008972	500.0	413.4	

Average of Peak Amounts = 520.5

2	2.344	2.344	0.000	8728421	500.0	542.0	
2	2.717	2.716	0.001	17392500	500.0	565.1	
2	2.930	2.930	0.000	11664946	500.0	558.6	
2	3.222	3.222	0.000	37167930	500.0	553.6	
2	3.369	3.368	0.001	15655826	500.0	572.0	
2	3.438	3.436	0.002	10219358	500.0	559.9	
2	3.834	3.833	0.001	16248370	500.0	529.5	
2	4.273	4.271	0.002	7142111	500.0	444.4	

Average of Peak Amounts = 540.6

RPD = 3.79

8 PCB-1260

1	5.267	5.267	0.000	12658812	500.0	472.2	
1	5.449	5.449	0.000	23511435	500.0	453.1	
1	5.744	5.742	0.002	33249808	500.0	472.5	
1	6.363	6.362	0.001	28301655	500.0	547.2	
1	6.798	6.796	0.002	25604308	500.0	543.7	
1	7.269	7.266	0.003	66835010	500.0	531.8	
1	7.913	7.911	0.002	47402270	500.0	532.3	
1	9.174	9.173	0.001	22400172	500.0	669.6	

Average of Peak Amounts = 527.8

2	5.257	5.256	0.001	21500149	500.0	495.9	
2	5.955	5.952	0.003	38536234	500.0	487.8	
2	6.120	6.119	0.001	24954917	500.0	674.9	
2	6.469	6.468	0.001	23422226	500.0	584.0	
2	6.968	6.965	0.003	61651121	500.0	681.3	
2	7.438	7.433	0.005	24953232	500.0	505.8	
2	7.593	7.592	0.001	19847139	500.0	801.4	
2	8.663	8.658	0.005	19138628	500.0	797.9	

Average of Peak Amounts = 628.6

RPD = 17.44

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	52265558	50.0	51.7	
2	9.637	9.633	0.004	49767031	50.0	59.1	

RPD = 13.45

[QC Flag Legend](#)

Review Flags

M - Manually Integrated

[Reagents:](#)

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155877.D

Injection Date: 28-Feb-2019 01:47:07

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-592055/2-A

Worklist Smp#: 7

Client ID:

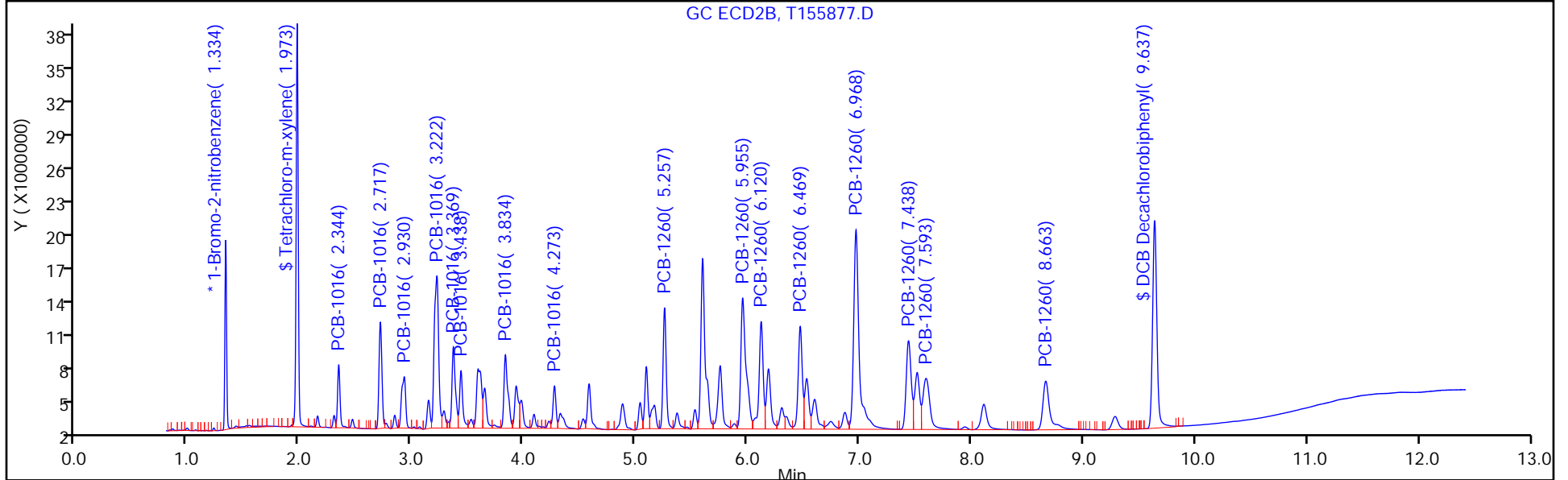
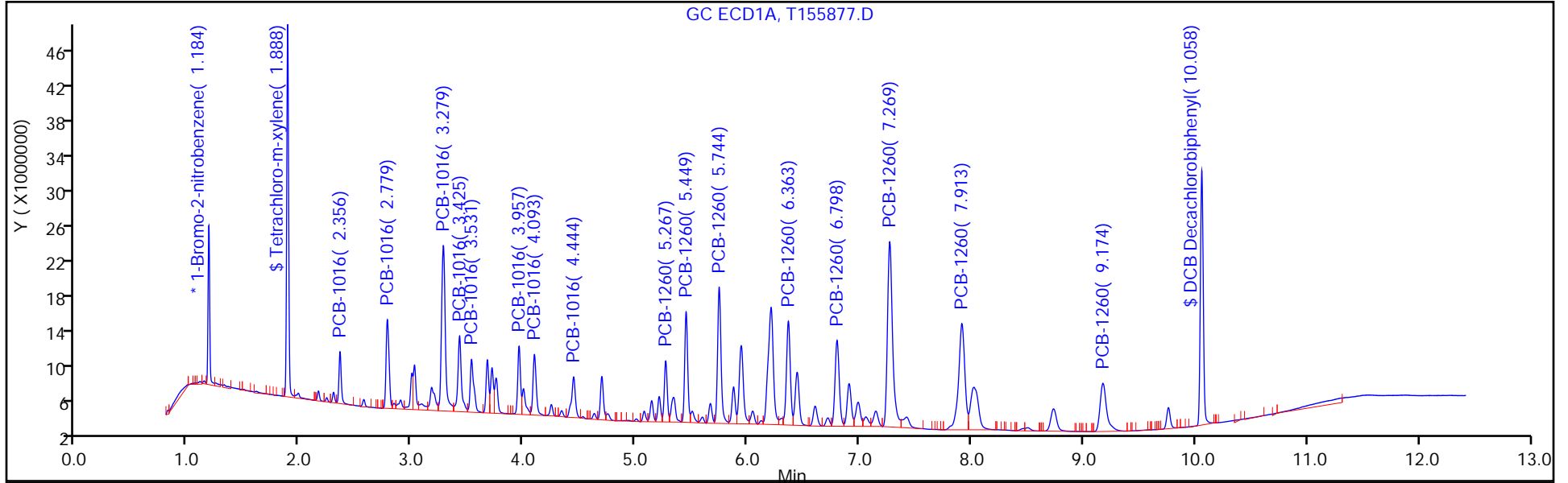
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 47

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD





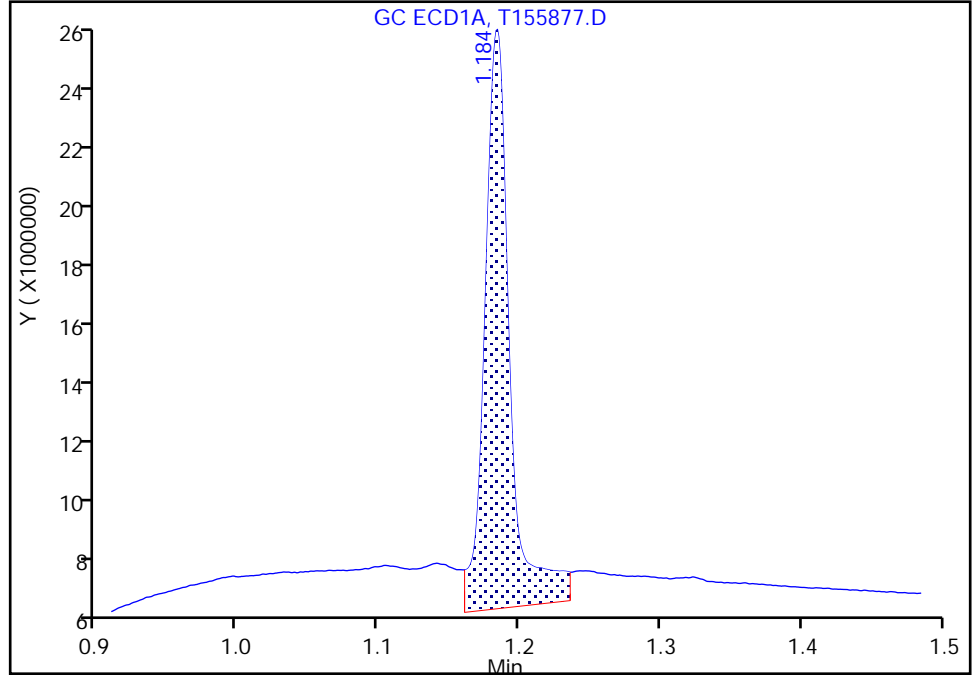
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155877.D  
Injection Date: 28-Feb-2019 01:47:07 Instrument ID: CPESTGC11  
Lims ID: LCS 460-592055/2-A  
Client ID:  
Operator ID: ALS Bottle#: 47 Worklist Smp#: 7  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

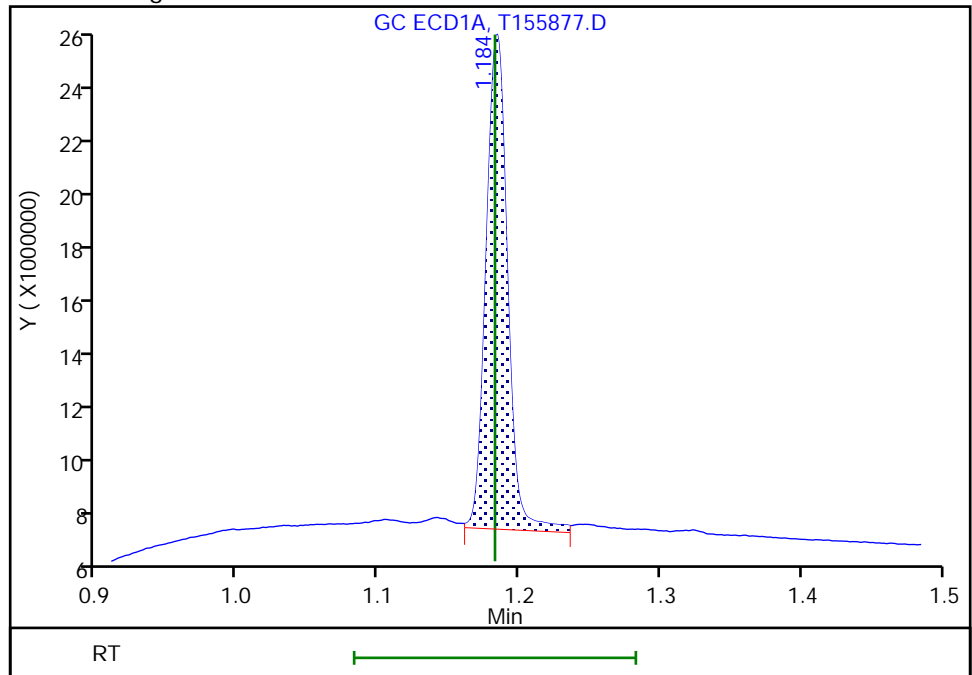
RT: 1.18  
Area: 23178636  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.18  
Area: 18875828  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 06:30:09  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592055/2-A  
 Matrix: Solid Lab File ID: T155877.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 01:47  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	360		67	8.9
11096-82-5	Aroclor 1260	419		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155877.D  
 Lims ID: LCS 460-592055/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 28-Feb-2019 01:47:07 ALS Bottle#: 47 Worklist Smp#: 7  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-007  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 06:30:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.184	1.183	0.001	18875828	20.0	20.0	M
2	1.334	1.334	0.000	18010228	20.0	20.0	
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	1.888	1.886	0.002	50525061	50.0	52.7	
2	1.973	1.973	0.000	47137229	50.0	53.6	
RPD = 1.64							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.356	2.356	0.000	8575997	500.0	524.9	
1	2.779	2.779	0.000	18776542	500.0	552.0	
1	3.279	3.279	0.000	44645704	500.0	576.3	
1	3.425	3.422	0.003	19076933	500.0	607.6	
1	3.531	3.531	0.000	13526908	500.0	538.7	
1	3.957	3.956	0.001	13297276	500.0	483.6	
1	4.093	4.094	-0.001	13920430	500.0	467.7	
1	4.444	4.444	0.000	11008972	500.0	413.4	

Average of Peak Amounts = 520.5

2	2.344	2.344	0.000	8728421	500.0	542.0	
2	2.717	2.716	0.001	17392500	500.0	565.1	
2	2.930	2.930	0.000	11664946	500.0	558.6	
2	3.222	3.222	0.000	37167930	500.0	553.6	
2	3.369	3.368	0.001	15655826	500.0	572.0	
2	3.438	3.436	0.002	10219358	500.0	559.9	
2	3.834	3.833	0.001	16248370	500.0	529.5	
2	4.273	4.271	0.002	7142111	500.0	444.4	

Average of Peak Amounts = 540.6

RPD = 3.79

8 PCB-1260

1	5.267	5.267	0.000	12658812	500.0	472.2	
1	5.449	5.449	0.000	23511435	500.0	453.1	
1	5.744	5.742	0.002	33249808	500.0	472.5	
1	6.363	6.362	0.001	28301655	500.0	547.2	
1	6.798	6.796	0.002	25604308	500.0	543.7	
1	7.269	7.266	0.003	66835010	500.0	531.8	
1	7.913	7.911	0.002	47402270	500.0	532.3	
1	9.174	9.173	0.001	22400172	500.0	669.6	

Average of Peak Amounts = 527.8

2	5.257	5.256	0.001	21500149	500.0	495.9	
2	5.955	5.952	0.003	38536234	500.0	487.8	
2	6.120	6.119	0.001	24954917	500.0	674.9	
2	6.469	6.468	0.001	23422226	500.0	584.0	
2	6.968	6.965	0.003	61651121	500.0	681.3	
2	7.438	7.433	0.005	24953232	500.0	505.8	
2	7.593	7.592	0.001	19847139	500.0	801.4	
2	8.663	8.658	0.005	19138628	500.0	797.9	

Average of Peak Amounts = 628.6

RPD = 17.44

\$ 11 DCB Decachlorobiphenyl

1	10.058	10.055	0.003	52265558	50.0	51.7	
2	9.637	9.633	0.004	49767031	50.0	59.1	

RPD = 13.45

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155877.D

Injection Date: 28-Feb-2019 01:47:07

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-592055/2-A

Worklist Smp#: 7

Client ID:

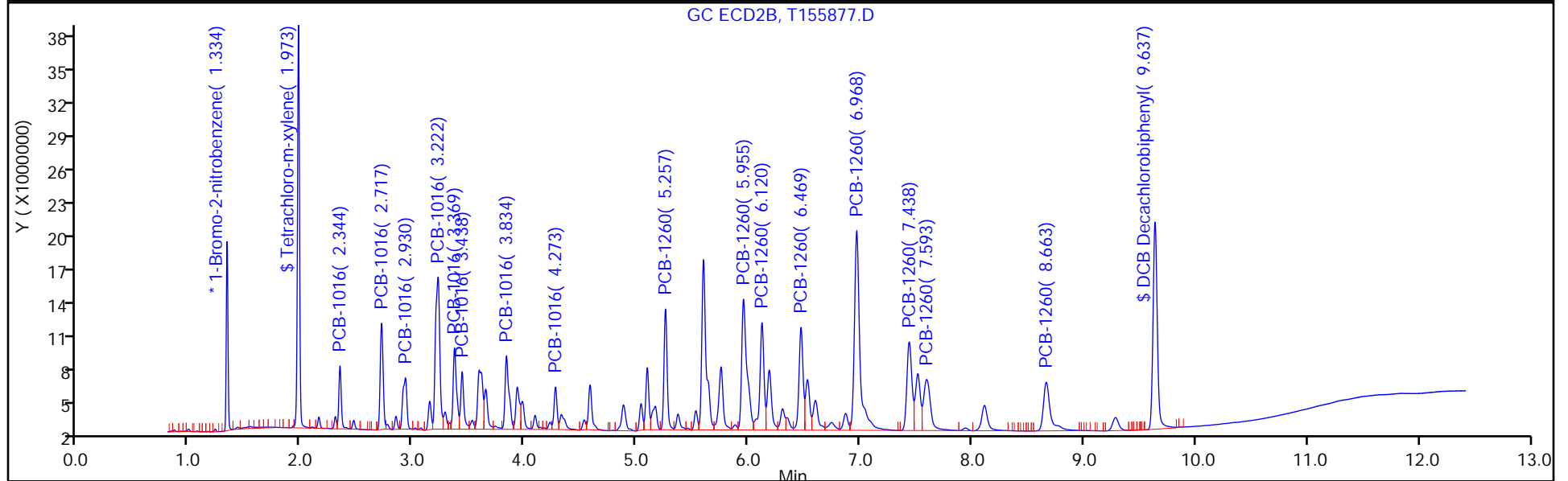
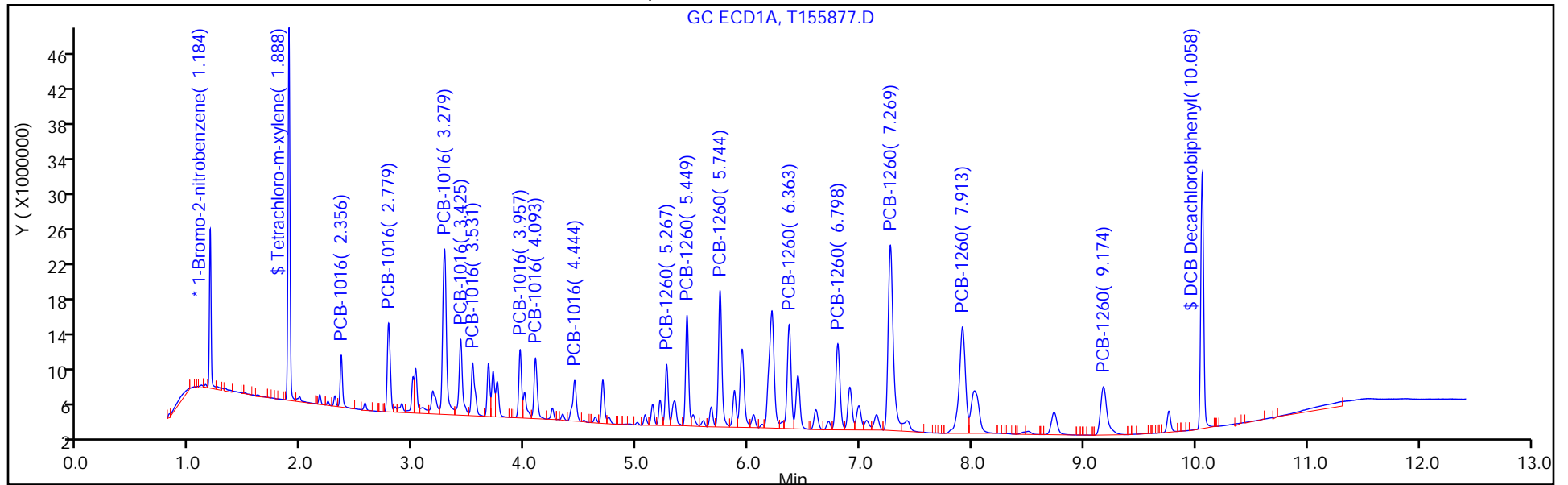
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 47

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592057/2-A  
 Matrix: Solid Lab File ID: 9F003674.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 00:46  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	430		67	8.9
11096-82-5	Aroclor 1260	469		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	141		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003674.D  
 Lims ID: LCS 460-592057/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 28-Feb-2019 00:46:13 ALS Bottle#: 55 Worklist Smp#: 7  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-007  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 10:42:04 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:45:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.354	1.351	0.003	1619279	20.0	20.0	
2	1.344	1.340	0.004	4445382	20.0	20.0	M
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	2.178	2.172	0.006	5771525	50.0	68.9	
2	1.987	1.981	0.006	14547211	50.0	61.9	
							RPD = 10.81



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.710	2.705	0.005	1436589	500.0	759.4	
1	3.175	3.171	0.004	2700043	500.0	707.2	
1	3.708	3.703	0.005	4674042	500.0	642.7	
1	3.862	3.858	0.004	2135136	500.0	674.9	
1	3.977	3.973	0.004	1469424	500.0	665.9	
1	4.422	4.417	0.005	1508347	500.0	650.0	
1	4.566	4.562	0.004	1562214	500.0	586.2	
1	4.929	4.925	0.004	1423251	500.0	475.3	

Average of Peak Amounts = 645.2

2	2.360	2.354	0.006	3623015	500.0	702.4	
2	2.735	2.729	0.006	6206957	500.0	759.7	
2	2.949	2.942	0.007	3638926	500.0	694.0	
2	3.241	3.234	0.007	9455229	500.0	661.9	
2	3.390	3.382	0.008	4226146	500.0	702.4	
2	3.457	3.450	0.007	2875145	500.0	687.4	
2	3.858	3.851	0.007	4595072	500.0	652.5	
2	4.298	4.290	0.008	2049482	500.0	549.2	

Average of Peak Amounts = 676.2

RPD = 4.69

8 PCB-1260

1	5.792	5.787	0.005	1337650	500.0	636.7	
1	6.005	6.000	0.005	3085997	500.0	612.5	
1	6.335	6.329	0.006	3452088	500.0	606.6	
1	7.042	7.036	0.006	2741439	500.0	724.3	
1	7.540	7.534	0.006	2807838	500.0	709.2	
1	8.058	8.052	0.006	6222408	500.0	721.0	
1	8.786	8.779	0.007	4867943	500.0	738.8	
1	9.904	9.901	0.003	2097589	500.0	879.7	

Average of Peak Amounts = 703.6

2	5.283	5.277	0.006	5950832	500.0	584.9	
2	5.982	5.974	0.008	9801962	500.0	566.1	
2	6.150	6.141	0.009	5826623	500.0	751.3	
2	6.500	6.492	0.008	5873629	500.0	673.0	
2	6.999	6.989	0.010	13805890	500.0	686.2	
2	7.469	7.460	0.009	6744046	500.0	624.2	
2	7.627	7.618	0.009	4665353	500.0	816.3	
2	8.699	8.688	0.011	4308696	500.0	820.1	

Average of Peak Amounts = 690.3

RPD = 1.92

\$ 11 DCB Decachlorobiphenyl

1	10.510	10.509	0.001	5915823	50.0	70.7	
2	9.670	9.664	0.006	12330088	50.0	69.5	

RPD = 1.69

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003674.D

Injection Date: 28-Feb-2019 00:46:13

Instrument ID: CPESTGC9

Operator ID:

Lims ID: LCS 460-592057/2-A

Worklist Smp#: 7

Client ID:

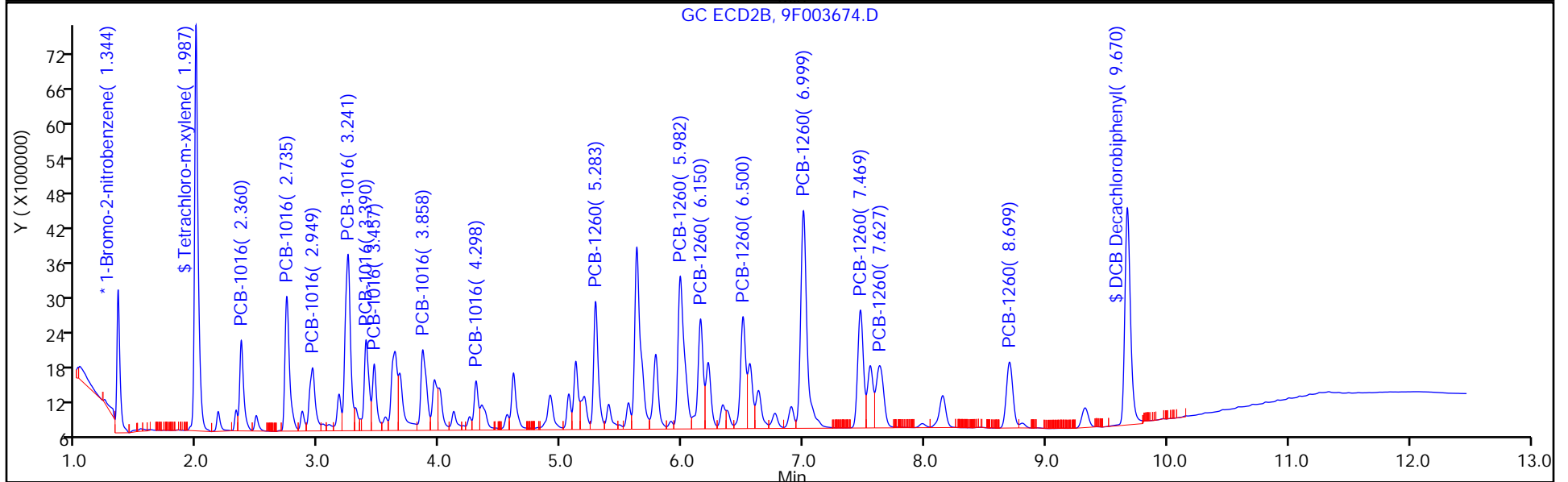
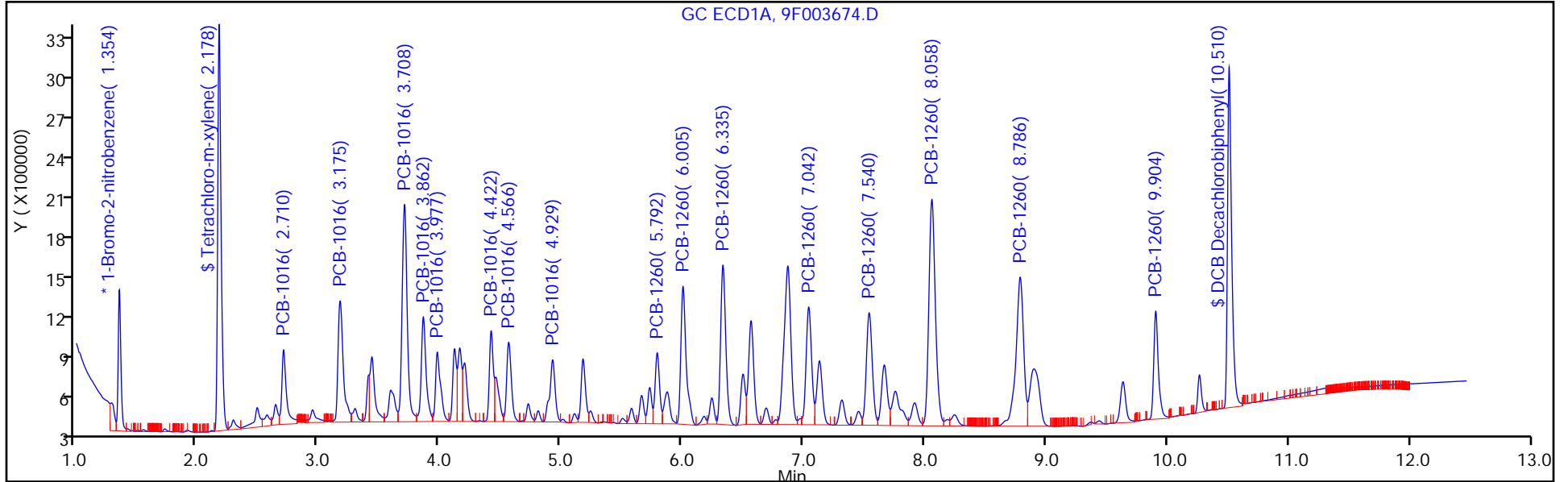
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 55

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592057/2-A  
 Matrix: Solid Lab File ID: 9F003674.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 00:46  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	450		67	8.9
11096-82-5	Aroclor 1260	460		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	139		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003674.D  
 Lims ID: LCS 460-592057/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 28-Feb-2019 00:46:13 ALS Bottle#: 55 Worklist Smp#: 7  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-007  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 10:42:04 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:45:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.354	1.351	0.003	1619279	20.0	20.0	
2	1.344	1.340	0.004	4445382	20.0	20.0	M
							RPD = 0.00
\$ 2 Tetrachloro-m-xylene							
1	2.178	2.172	0.006	5771525	50.0	68.9	
2	1.987	1.981	0.006	14547211	50.0	61.9	
							RPD = 10.81

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.710	2.705	0.005	1436589	500.0	759.4	
1	3.175	3.171	0.004	2700043	500.0	707.2	
1	3.708	3.703	0.005	4674042	500.0	642.7	
1	3.862	3.858	0.004	2135136	500.0	674.9	
1	3.977	3.973	0.004	1469424	500.0	665.9	
1	4.422	4.417	0.005	1508347	500.0	650.0	
1	4.566	4.562	0.004	1562214	500.0	586.2	
1	4.929	4.925	0.004	1423251	500.0	475.3	

Average of Peak Amounts = 645.2

2	2.360	2.354	0.006	3623015	500.0	702.4	
2	2.735	2.729	0.006	6206957	500.0	759.7	
2	2.949	2.942	0.007	3638926	500.0	694.0	
2	3.241	3.234	0.007	9455229	500.0	661.9	
2	3.390	3.382	0.008	4226146	500.0	702.4	
2	3.457	3.450	0.007	2875145	500.0	687.4	
2	3.858	3.851	0.007	4595072	500.0	652.5	
2	4.298	4.290	0.008	2049482	500.0	549.2	

Average of Peak Amounts = 676.2

RPD = 4.69

8 PCB-1260

1	5.792	5.787	0.005	1337650	500.0	636.7	
1	6.005	6.000	0.005	3085997	500.0	612.5	
1	6.335	6.329	0.006	3452088	500.0	606.6	
1	7.042	7.036	0.006	2741439	500.0	724.3	
1	7.540	7.534	0.006	2807838	500.0	709.2	
1	8.058	8.052	0.006	6222408	500.0	721.0	
1	8.786	8.779	0.007	4867943	500.0	738.8	
1	9.904	9.901	0.003	2097589	500.0	879.7	

Average of Peak Amounts = 703.6

2	5.283	5.277	0.006	5950832	500.0	584.9	
2	5.982	5.974	0.008	9801962	500.0	566.1	
2	6.150	6.141	0.009	5826623	500.0	751.3	
2	6.500	6.492	0.008	5873629	500.0	673.0	
2	6.999	6.989	0.010	13805890	500.0	686.2	
2	7.469	7.460	0.009	6744046	500.0	624.2	
2	7.627	7.618	0.009	4665353	500.0	816.3	
2	8.699	8.688	0.011	4308696	500.0	820.1	

Average of Peak Amounts = 690.3

RPD = 1.92

\$ 11 DCB Decachlorobiphenyl

1	10.510	10.509	0.001	5915823	50.0	70.7	
2	9.670	9.664	0.006	12330088	50.0	69.5	

RPD = 1.69

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003674.D

Injection Date: 28-Feb-2019 00:46:13

Instrument ID: CPESTGC9

Operator ID:

Lims ID: LCS 460-592057/2-A

Worklist Smp#: 7

Client ID:

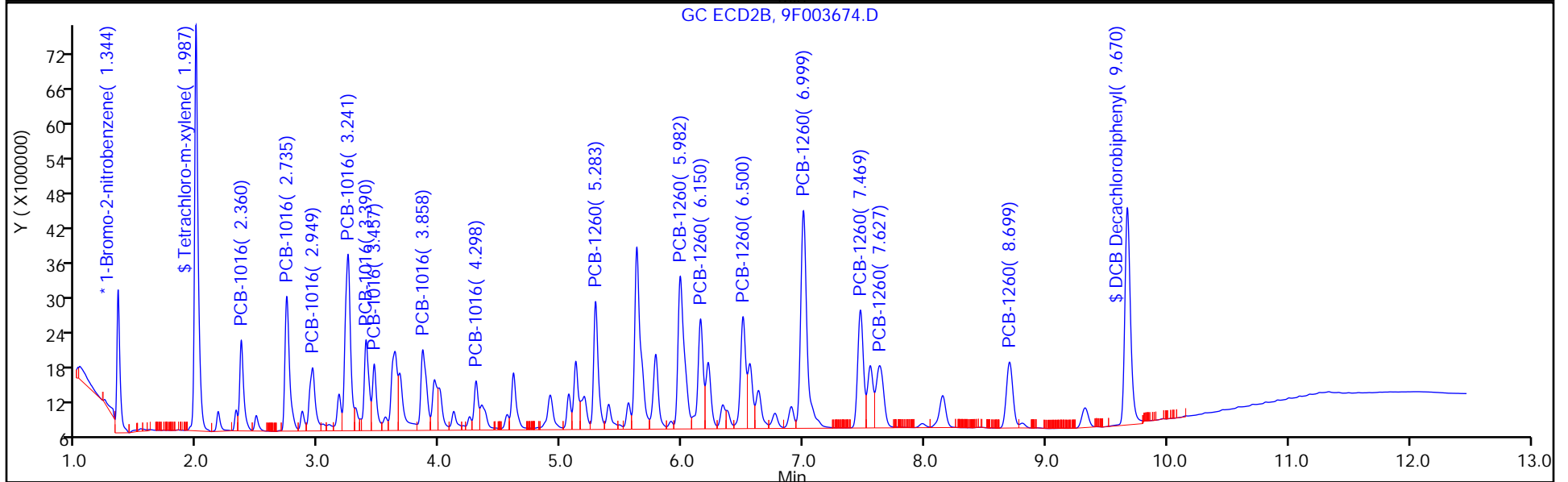
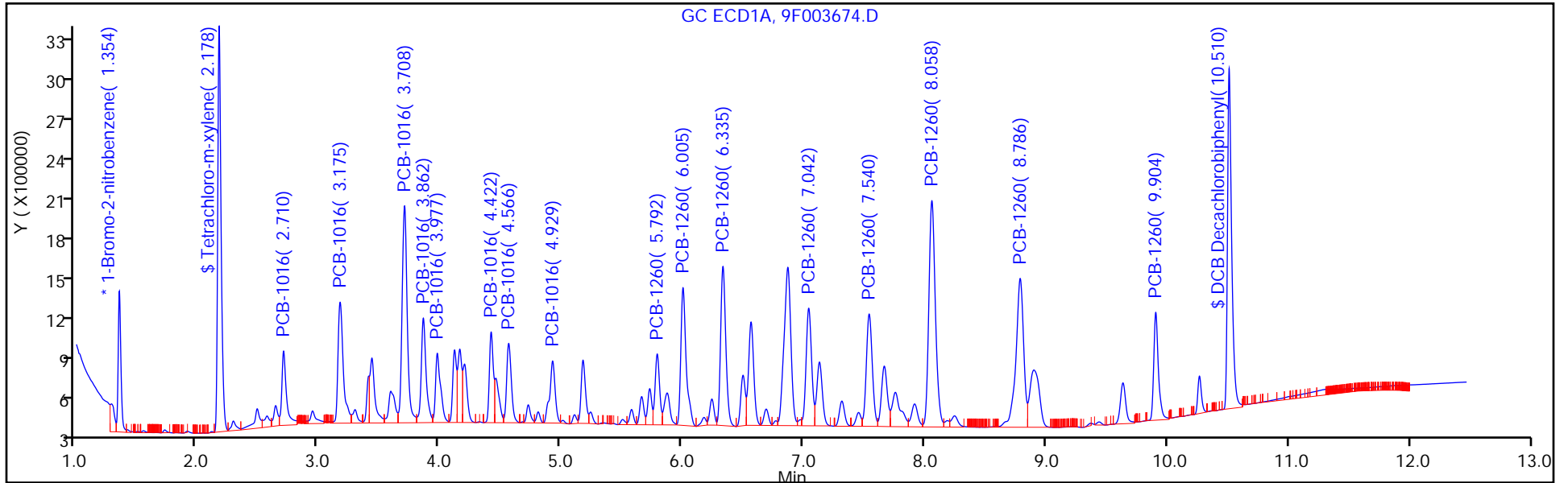
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 55

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD





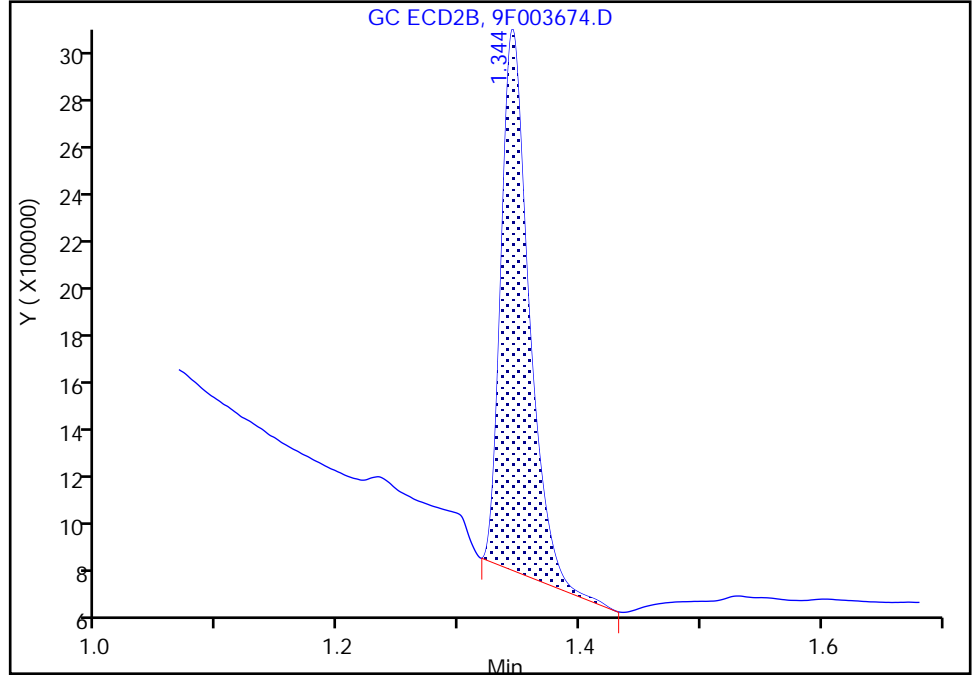
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003674.D  
Injection Date: 28-Feb-2019 00:46:13 Instrument ID: CPESTGC9  
Lims ID: LCS 460-592057/2-A  
Client ID:  
Operator ID: ALS Bottle#: 55 Worklist Smp#: 7  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

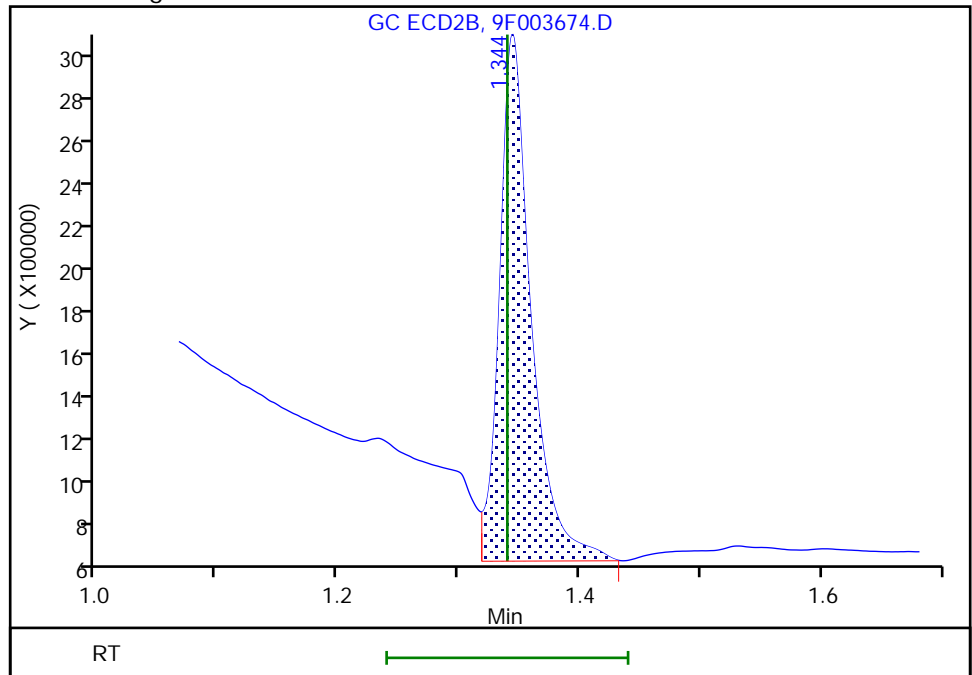
RT: 1.34  
Area: 3662491  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.34  
Area: 4445382  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:45:05  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592174/2-A  
 Matrix: Solid Lab File ID: 8F135761.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 06:26  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	376		67	8.9
11096-82-5	Aroclor 1260	397		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135761.D  
 Lims ID: LCS 460-592174/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 28-Feb-2019 06:26:26 ALS Bottle#: 7 Worklist Smp#: 7  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-007  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 14:59:24 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 07:30:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.415	1.414	0.001	1668234	20.0	20.0	M
2	1.396	1.396	0.000	1494633	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	2.269	2.268	0.001	4063330	50.0	46.2	
2	2.059	2.058	0.001	4762745	50.0	46.7	
RPD = 1.10							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	2.819	2.819	0.000	1059091	500.0	551.1	
1	3.296	3.296	0.000	2589045	500.0	606.5	
1	3.834	3.834	0.000	4260470	500.0	575.9	
1	3.991	3.993	-0.002	1963147	500.0	592.3	
1	4.109	4.109	0.000	1359651	500.0	586.2	
1	4.557	4.558	-0.001	1413451	500.0	578.5	M
1	4.704	4.704	0.000	1531692	500.0	537.8	
1	5.068	5.069	-0.001	1403268	500.0	494.2	

Average of Peak Amounts = 565.3

2	2.441	2.441	0.000	1306148	500.0	542.2	
2	2.826	2.824	0.002	2732505	500.0	567.9	
2	3.041	3.040	0.001	1707502	500.0	561.4	
2	3.339	3.338	0.001	5441579	500.0	595.0	
2	3.490	3.489	0.001	2182497	500.0	593.9	
2	3.558	3.557	0.001	1358289	500.0	560.2	
2	3.963	3.962	0.001	2382631	500.0	583.7	
2	4.406	4.405	0.001	1086479	500.0	483.7	

Average of Peak Amounts = 561.0

RPD = 0.77

8 PCB-1260

1	5.953	5.953	0.000	1353917	500.0	554.5	
1	6.176	6.176	0.000	3061859	500.0	536.0	
1	6.516	6.515	0.001	3361692	500.0	525.4	
1	7.253	7.253	0.000	2447954	500.0	610.8	
1	7.774	7.774	0.000	2359875	500.0	558.2	
1	8.306	8.307	-0.001	5467683	500.0	585.2	
1	9.062	9.061	0.001	4224538	500.0	624.4	
1	10.067	10.072	-0.005	1790079	500.0	774.5	

Average of Peak Amounts = 596.1

2	5.399	5.397	0.002	3254153	500.0	528.7	
2	6.126	6.124	0.002	5202513	500.0	503.7	
2	6.298	6.296	0.002	3150887	500.0	663.3	
2	6.662	6.660	0.002	3076602	500.0	601.4	
2	7.179	7.177	0.002	7213443	500.0	604.6	
2	7.667	7.664	0.003	3405080	500.0	542.7	
2	7.829	7.827	0.002	2411066	500.0	726.4	
2	8.931	8.927	0.004	2227241	500.0	721.5	

Average of Peak Amounts = 611.6

RPD = 2.55

\$ 11 DCB Decachlorobiphenyl

1	10.662	10.670	-0.008	5298208	50.0	57.0	
2	9.819	9.818	0.001	6294940	50.0	54.8	

RPD = 3.97

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135761.D

Injection Date: 28-Feb-2019 06:26:26

Instrument ID: CPESTGC8

Operator ID:

Lims ID: LCS 460-592174/2-A

Worklist Smp#: 7

Client ID:

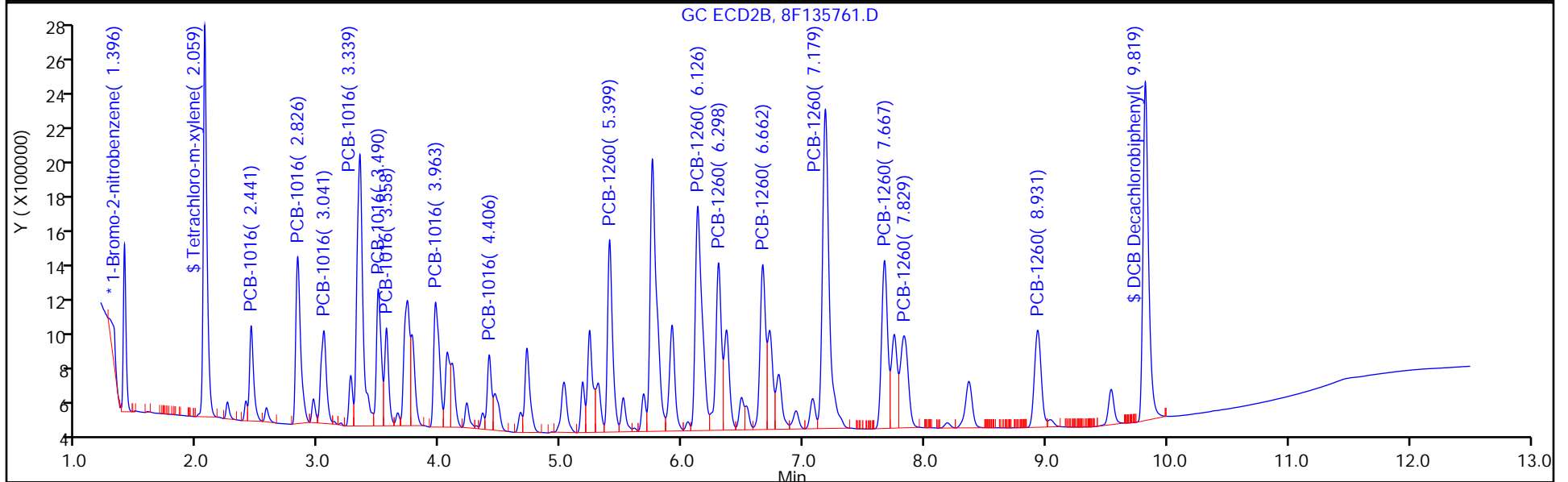
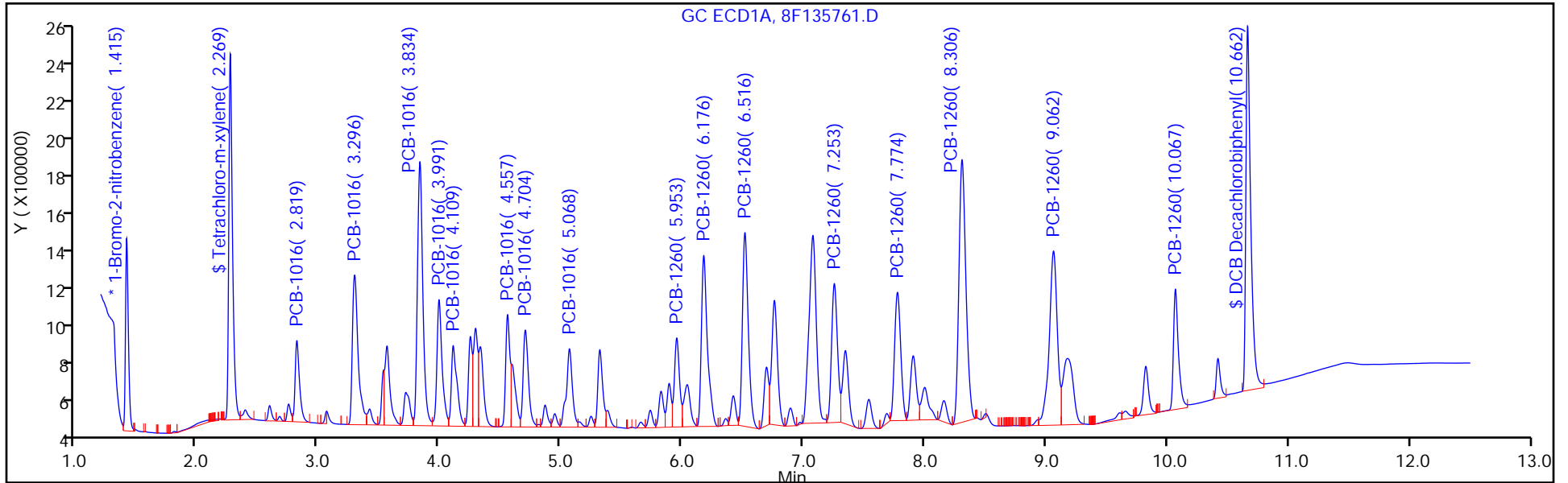
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135761.D

Injection Date: 28-Feb-2019 06:26:26

Instrument ID: CPESTGC8

Lims ID: LCS 460-592174/2-A

Client ID:

Operator ID:

ALS Bottle#: 7

Worklist Smp#: 7

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

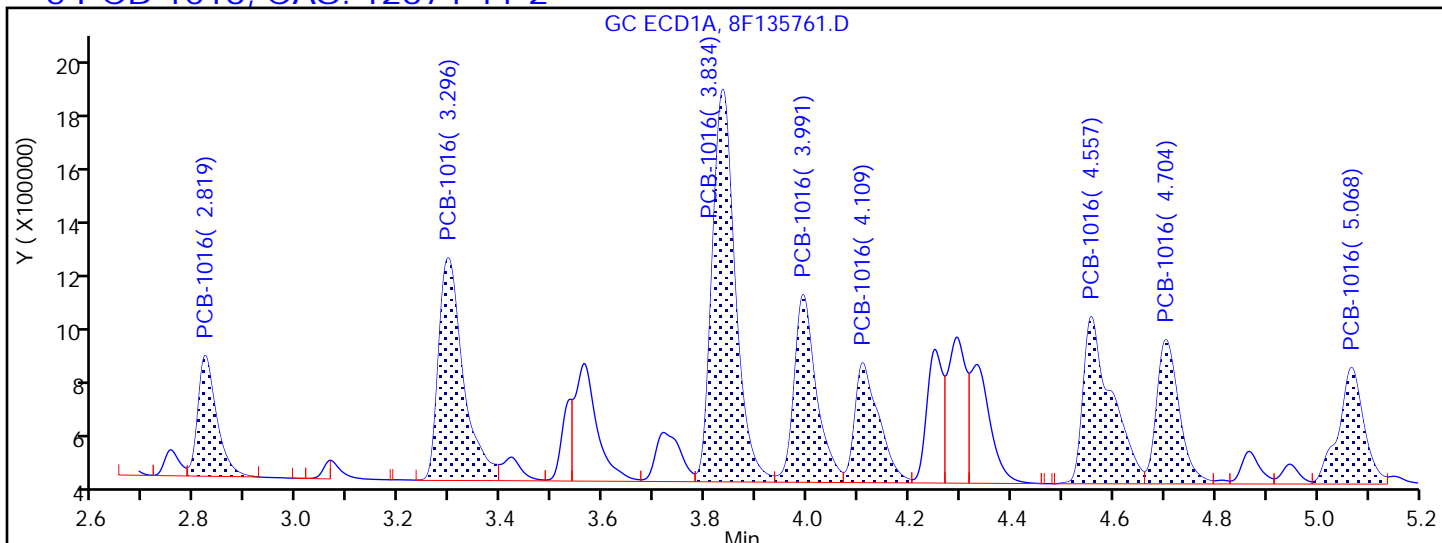
Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD

Column:

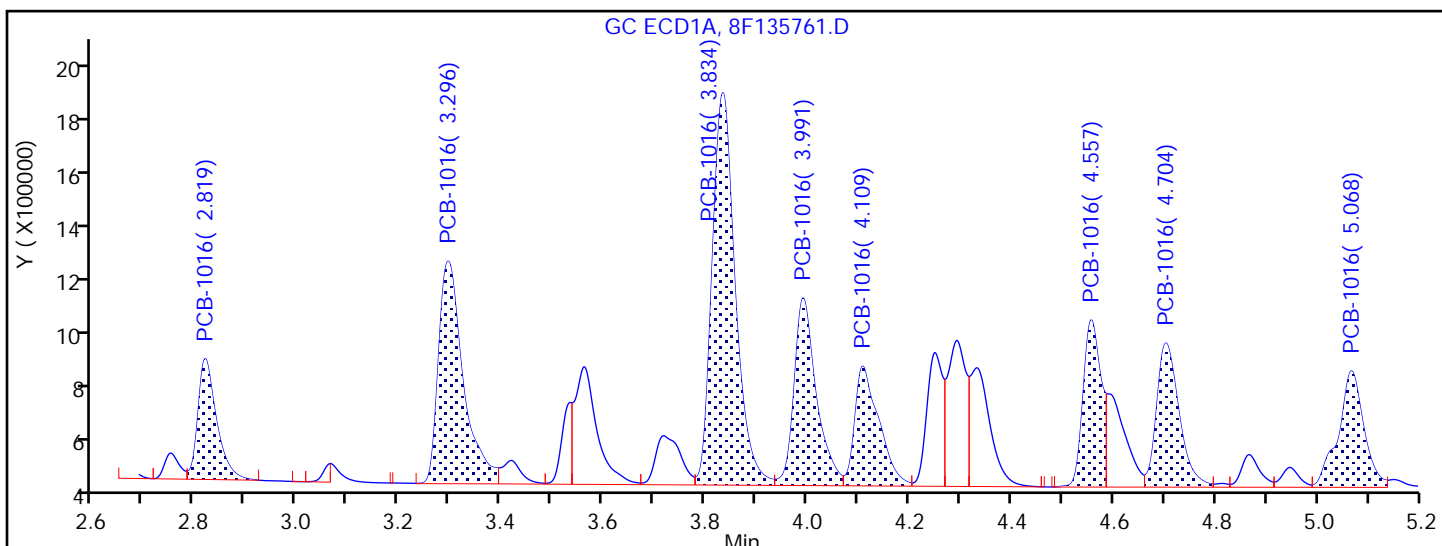
Detector: GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.819	Response = 1059091
3.296	Response = 2589045
3.834	Response = 4260470
3.991	Response = 1963147
4.109	Response = 1359651
4.557	Response = 2244145
4.704	Response = 1531692
5.068	Response = 1403268



Manual Integration Results

2.819	Response = 1059091
3.296	Response = 2589045
3.834	Response = 4260470
3.991	Response = 1963147
4.109	Response = 1359651
4.557	Response = 1413451

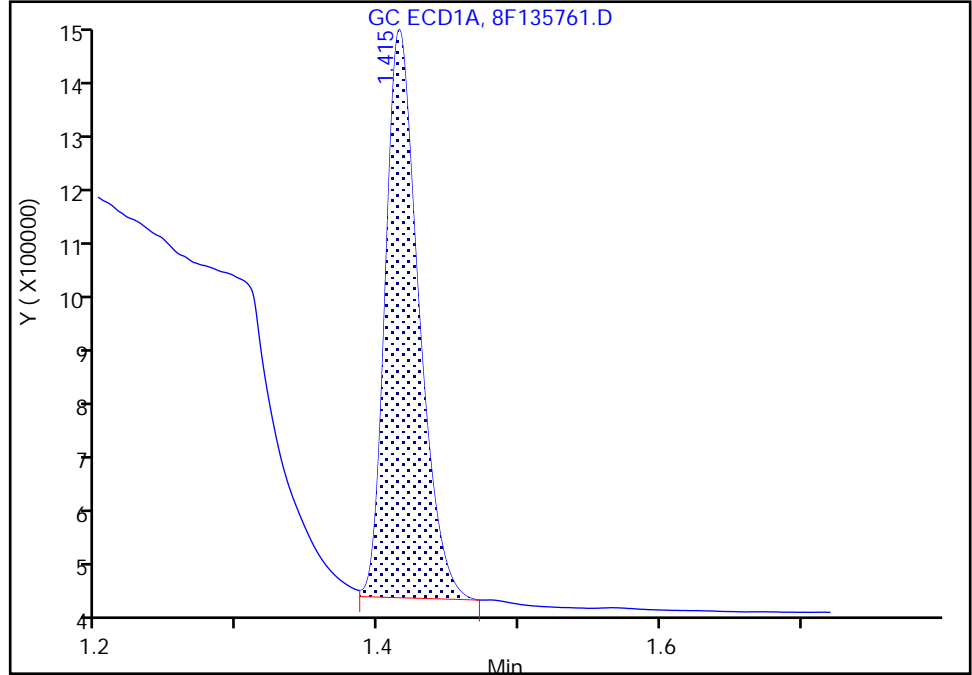
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135761.D  
Injection Date: 28-Feb-2019 06:26:26 Instrument ID: CPESTGC8  
Lims ID: LCS 460-592174/2-A  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

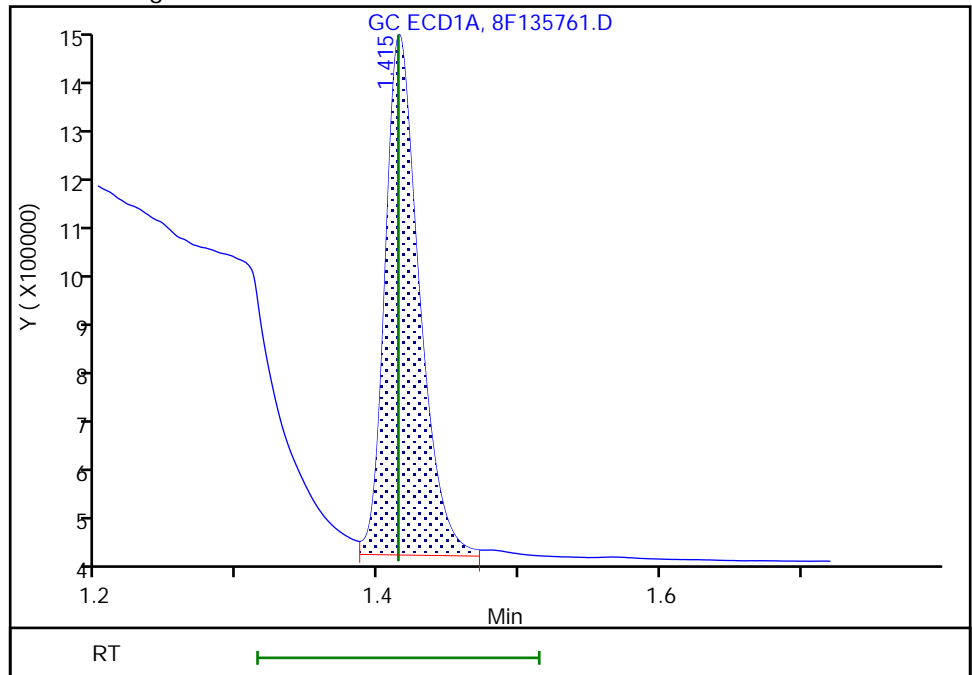
RT: 1.41  
Area: 1602592  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.41  
Area: 1668234  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:29:49  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-592174/2-A  
 Matrix: Solid Lab File ID: 8F135761.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.03(g) Date Analyzed: 02/28/2019 06:26  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	373		67	8.9
11096-82-5	Aroclor 1260	407		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135761.D  
 Lims ID: LCS 460-592174/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 28-Feb-2019 06:26:26 ALS Bottle#: 7 Worklist Smp#: 7  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-007  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 14:59:24 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: guhas Date: 28-Feb-2019 07:30:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.415	1.414	0.001	1668234	20.0	20.0	M
2	1.396	1.396	0.000	1494633	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							
1	2.269	2.268	0.001	4063330	50.0	46.2	
2	2.059	2.058	0.001	4762745	50.0	46.7	
RPD = 1.10							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.819	2.819	0.000	1059091	500.0	551.1	
1	3.296	3.296	0.000	2589045	500.0	606.5	
1	3.834	3.834	0.000	4260470	500.0	575.9	
1	3.991	3.993	-0.002	1963147	500.0	592.3	
1	4.109	4.109	0.000	1359651	500.0	586.2	
1	4.557	4.558	-0.001	1413451	500.0	578.5	M
1	4.704	4.704	0.000	1531692	500.0	537.8	
1	5.068	5.069	-0.001	1403268	500.0	494.2	

Average of Peak Amounts = 565.3

2	2.441	2.441	0.000	1306148	500.0	542.2	
2	2.826	2.824	0.002	2732505	500.0	567.9	
2	3.041	3.040	0.001	1707502	500.0	561.4	
2	3.339	3.338	0.001	5441579	500.0	595.0	
2	3.490	3.489	0.001	2182497	500.0	593.9	
2	3.558	3.557	0.001	1358289	500.0	560.2	
2	3.963	3.962	0.001	2382631	500.0	583.7	
2	4.406	4.405	0.001	1086479	500.0	483.7	

Average of Peak Amounts = 561.0

RPD = 0.77

8 PCB-1260

1	5.953	5.953	0.000	1353917	500.0	554.5	
1	6.176	6.176	0.000	3061859	500.0	536.0	
1	6.516	6.515	0.001	3361692	500.0	525.4	
1	7.253	7.253	0.000	2447954	500.0	610.8	
1	7.774	7.774	0.000	2359875	500.0	558.2	
1	8.306	8.307	-0.001	5467683	500.0	585.2	
1	9.062	9.061	0.001	4224538	500.0	624.4	
1	10.067	10.072	-0.005	1790079	500.0	774.5	

Average of Peak Amounts = 596.1

2	5.399	5.397	0.002	3254153	500.0	528.7	
2	6.126	6.124	0.002	5202513	500.0	503.7	
2	6.298	6.296	0.002	3150887	500.0	663.3	
2	6.662	6.660	0.002	3076602	500.0	601.4	
2	7.179	7.177	0.002	7213443	500.0	604.6	
2	7.667	7.664	0.003	3405080	500.0	542.7	
2	7.829	7.827	0.002	2411066	500.0	726.4	
2	8.931	8.927	0.004	2227241	500.0	721.5	

Average of Peak Amounts = 611.6

RPD = 2.55

\$ 11 DCB Decachlorobiphenyl

1	10.662	10.670	-0.008	5298208	50.0	57.0	
2	9.819	9.818	0.001	6294940	50.0	54.8	

RPD = 3.97

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135761.D

Injection Date: 28-Feb-2019 06:26:26

Instrument ID: CPESTGC8

Operator ID:

Lims ID: LCS 460-592174/2-A

Worklist Smp#: 7

Client ID:

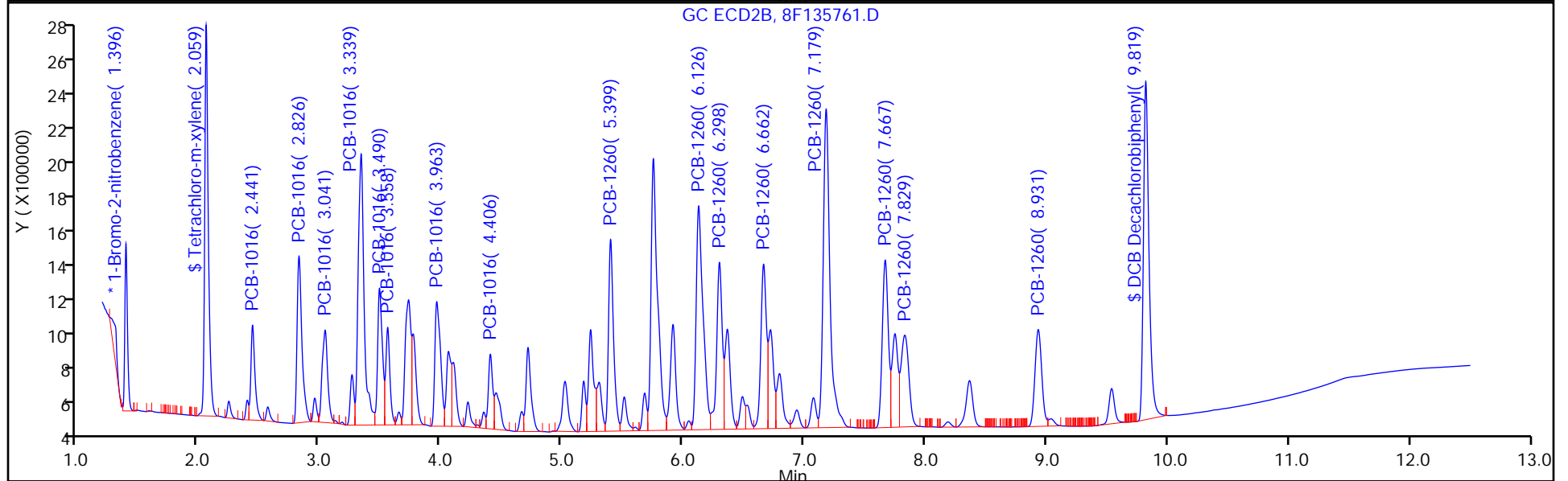
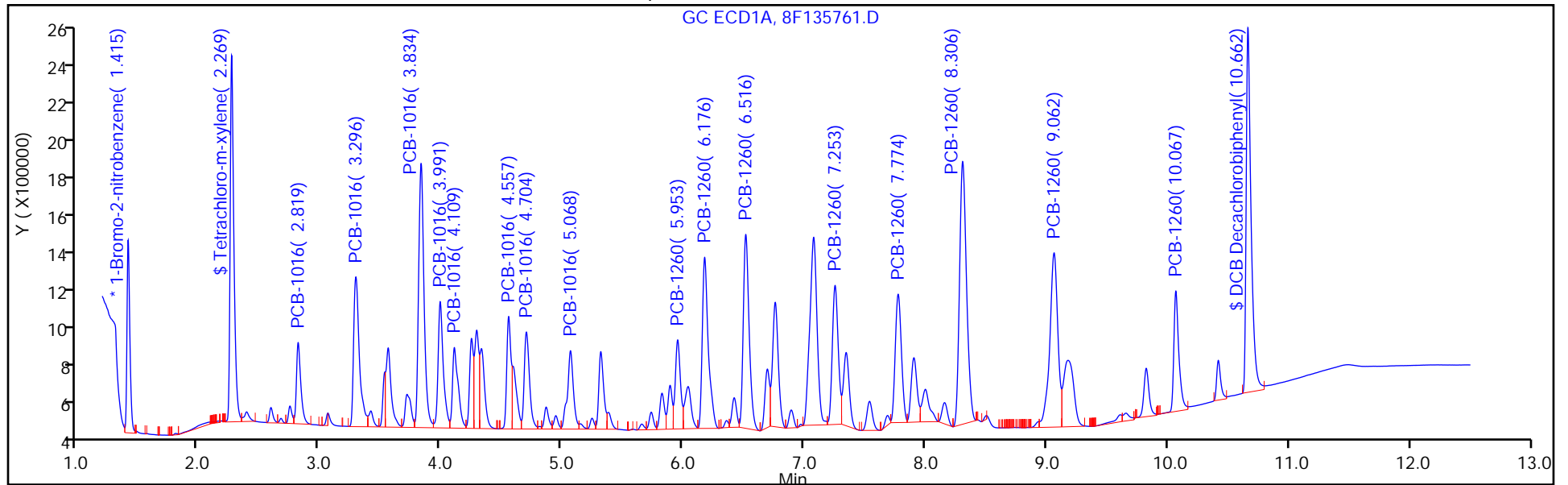
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



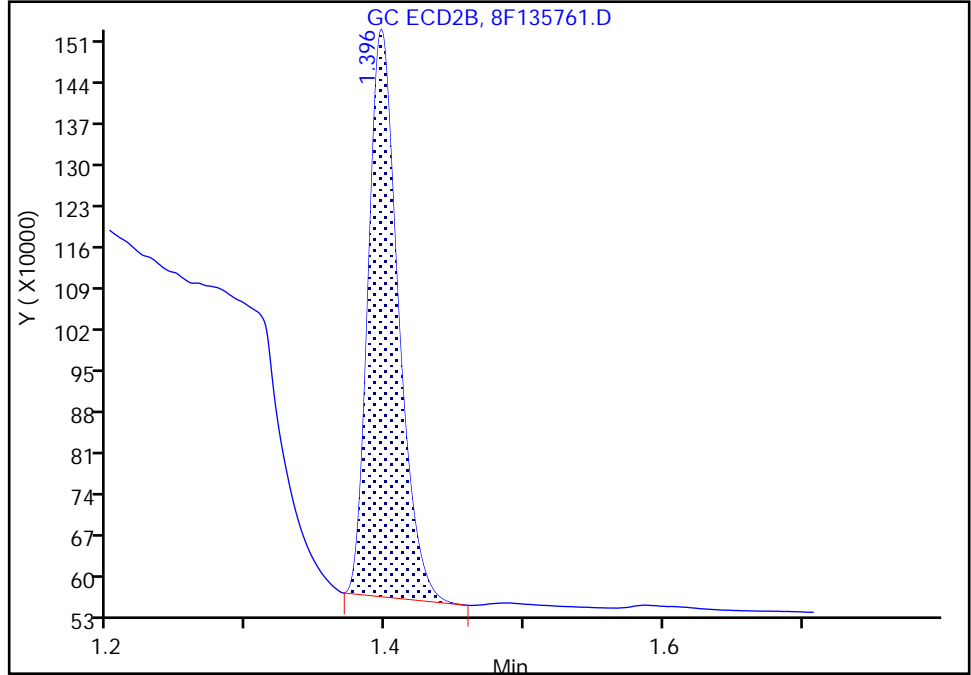
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135761.D  
Injection Date: 28-Feb-2019 06:26:26 Instrument ID: CPESTGC8  
Lims ID: LCS 460-592174/2-A  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

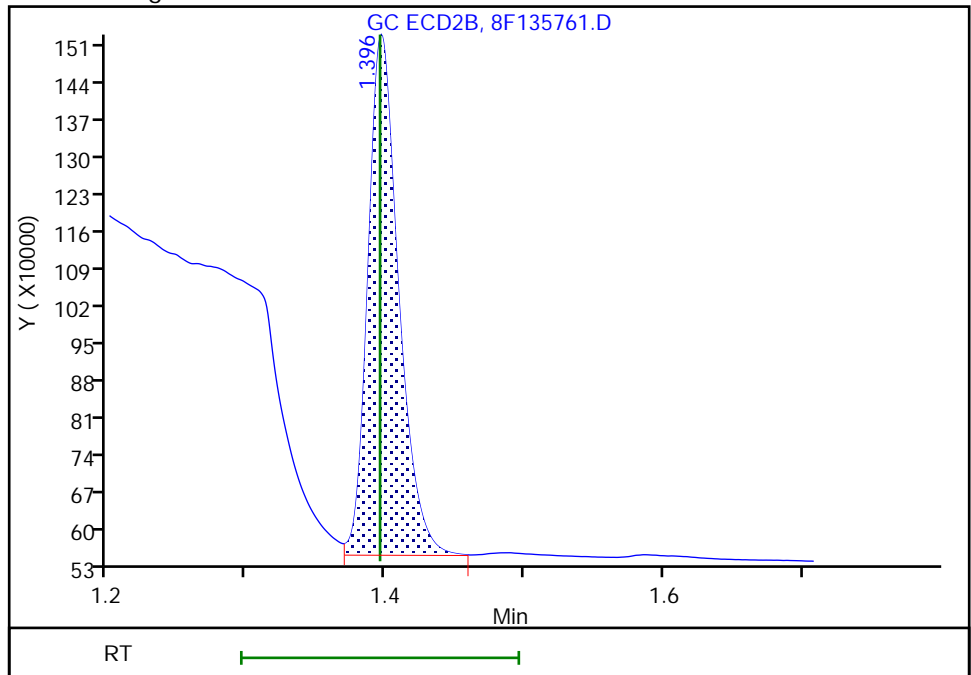
RT: 1.40  
Area: 1434874  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.40  
Area: 1494633  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:29:43  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-593932/2-A  
 Matrix: Solid Lab File ID: 7R002468.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.03(g) Date Analyzed: 03/08/2019 06:55  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	297		67	8.9
11096-82-5	Aroclor 1260	358		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002468.D  
 Lims ID: LCS 460-593932/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 08-Mar-2019 06:55:00 ALS Bottle#: 85 Worklist Smp#: 7  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-007  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 11:42:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.380	3.380	0.000	86958	20.0	20.0	
2	2.823	2.823	0.000	39763	20.0	20.0	
							RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	5.187	5.190	-0.003	100127	50.0	40.0	
2	4.213	4.213	0.000	92518	50.0	42.7	
							RPD = 6.56



Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.217	6.217	0.000	20356	500.0	384.9	
1	6.997	7.000	-0.003	34838	500.0	423.7	M
1	7.823	7.823	0.000	89279	500.0	453.2	M
1	8.063	8.063	0.000	42895	500.0	574.4	M
1	8.240	8.240	0.000	37373	500.0	511.7	M
1	8.890	8.890	0.000	28802	500.0	429.8	M
1	9.100	9.103	-0.003	38066	500.0	441.3	M
1	9.613	9.617	-0.004	26522	500.0	350.7	M

Average of Peak Amounts = 446.2

2	4.937	4.933	0.004	25286	500.0	466.1	
2	5.583	5.583	0.000	51792	500.0	488.6	
2	5.930	5.930	0.000	32225	500.0	475.0	
2	6.397	6.397	0.000	94622	500.0	492.9	
2	6.627	6.627	0.000	42750	500.0	489.9	
2	6.730	6.730	0.000	26156	500.0	466.8	
2	7.337	7.333	0.004	43055	500.0	506.8	
2	7.977	7.977	0.000	19921	500.0	378.8	

Average of Peak Amounts = 470.6

RPD = 5.32

8 PCB-1260

1	10.850	10.853	-0.003	94191	500.0	497.6	
1	11.190	11.193	-0.003	151914	500.0	501.1	
1	11.707	11.703	0.004	223132	500.0	489.3	
1	12.957	12.960	-0.003	176229	500.0	564.2	
1	13.747	13.747	0.000	159015	500.0	559.9	
1	14.410	14.413	-0.003	314219	500.0	533.6	
1	15.243	15.247	-0.004	216890	500.0	520.8	
1	16.343	16.343	0.000	81714	500.0	634.2	

Average of Peak Amounts = 537.6

2	9.367	9.367	0.000	61079	500.0	476.0	
2	10.273	10.273	0.000	95572	500.0	436.5	
2	10.487	10.487	0.000	57695	500.0	554.7	
2	10.947	10.947	0.000	58576	500.0	519.3	
2	11.643	11.643	0.000	132066	500.0	528.9	
2	12.350	12.353	-0.003	63108	500.0	474.4	
2	12.610	12.613	-0.003	43229	500.0	643.8	
2	14.073	14.073	0.000	39834	500.0	654.7	

Average of Peak Amounts = 536.0

RPD = 0.29

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	168081	50.0	46.3	
2	15.177	15.177	0.000	122666	50.0	50.1	

RPD = 7.86

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002468.D

Injection Date: 08-Mar-2019 06:55:00

Instrument ID: CPESTGC7

Operator ID:

Lims ID: LCS 460-593932/2-A

Worklist Smp#: 7

Client ID:

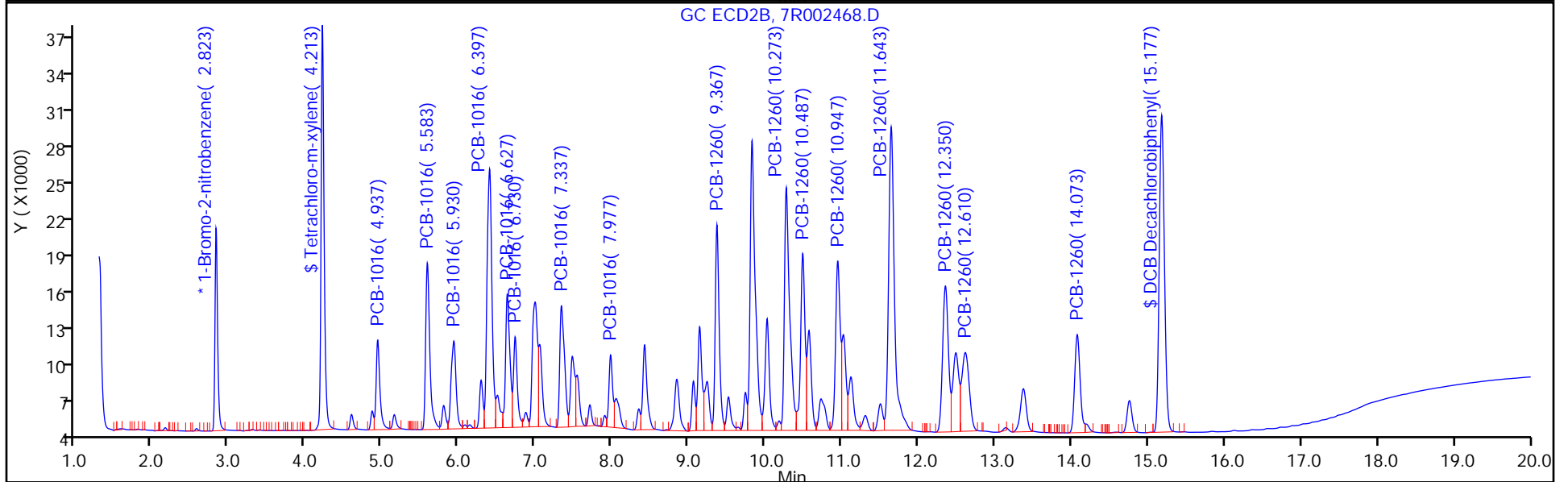
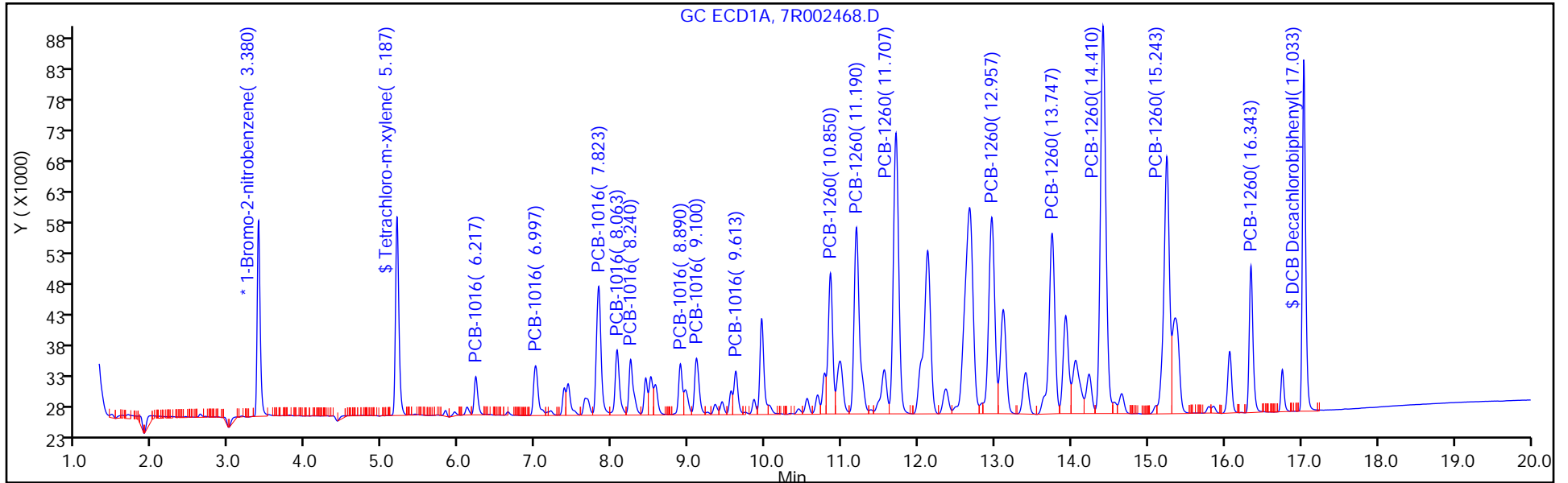
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 85

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002468.D

Injection Date: 08-Mar-2019 06:55:00

Instrument ID: CPESTGC7

Lims ID: LCS 460-593932/2-A

Client ID:

Operator ID:

ALS Bottle#: 85 Worklist Smp#: 7

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

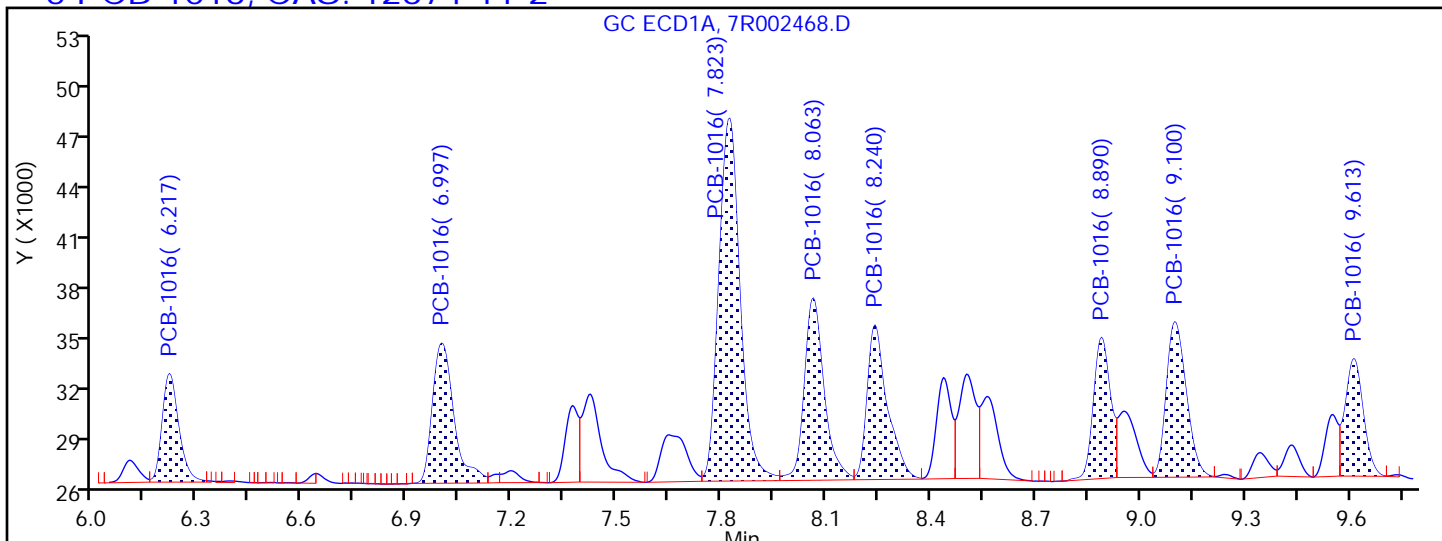
Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD

Column:

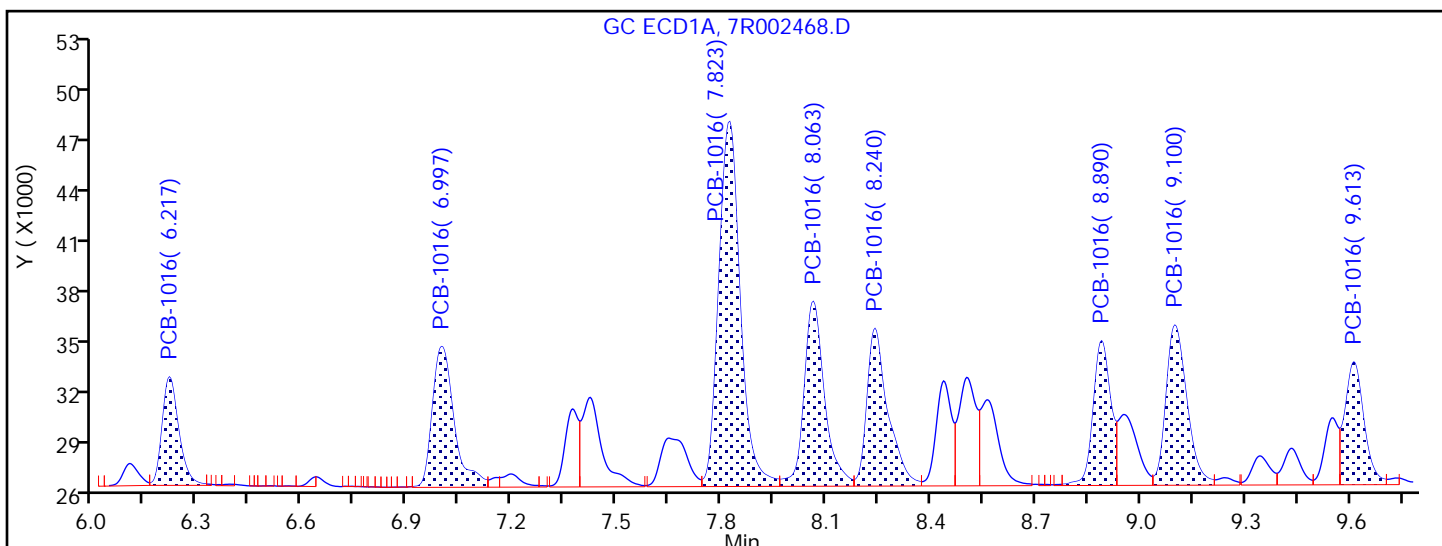
Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

6.217	Response = 20356
6.997	Response = 34201
7.823	Response = 87544
8.063	Response = 40847
8.240	Response = 35134
8.890	Response = 27241
9.100	Response = 35140
9.613	Response = 24106



Manual Integration Results

6.217	Response = 20356	
6.997	Response = 34838	M
7.823	Response = 89279	M
8.063	Response = 42895	M
8.240	Response = 37373	M
8.890	Response = 28802	M

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-593932/2-A  
 Matrix: Solid Lab File ID: 7R002468.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.03(g) Date Analyzed: 03/08/2019 06:55  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	313		67	8.9
11096-82-5	Aroclor 1260	357		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002468.D  
 Lims ID: LCS 460-593932/2-A  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 08-Mar-2019 06:55:00 ALS Bottle#: 85 Worklist Smp#: 7  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-007  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

First Level Reviewer: patelji Date: 08-Mar-2019 11:42:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	3.380	3.380	0.000	86958	20.0	20.0	
2	2.823	2.823	0.000	39763	20.0	20.0	
							RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	5.187	5.190	-0.003	100127	50.0	40.0	
2	4.213	4.213	0.000	92518	50.0	42.7	
							RPD = 6.56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	6.217	6.217	0.000	20356	500.0	384.9	
1	6.997	7.000	-0.003	34838	500.0	423.7	M
1	7.823	7.823	0.000	89279	500.0	453.2	M
1	8.063	8.063	0.000	42895	500.0	574.4	M
1	8.240	8.240	0.000	37373	500.0	511.7	M
1	8.890	8.890	0.000	28802	500.0	429.8	M
1	9.100	9.103	-0.003	38066	500.0	441.3	M
1	9.613	9.617	-0.004	26522	500.0	350.7	M

Average of Peak Amounts = 446.2

2	4.937	4.933	0.004	25286	500.0	466.1	
2	5.583	5.583	0.000	51792	500.0	488.6	
2	5.930	5.930	0.000	32225	500.0	475.0	
2	6.397	6.397	0.000	94622	500.0	492.9	
2	6.627	6.627	0.000	42750	500.0	489.9	
2	6.730	6.730	0.000	26156	500.0	466.8	
2	7.337	7.333	0.004	43055	500.0	506.8	
2	7.977	7.977	0.000	19921	500.0	378.8	

Average of Peak Amounts = 470.6

RPD = 5.32

8 PCB-1260

1	10.850	10.853	-0.003	94191	500.0	497.6	
1	11.190	11.193	-0.003	151914	500.0	501.1	
1	11.707	11.703	0.004	223132	500.0	489.3	
1	12.957	12.960	-0.003	176229	500.0	564.2	
1	13.747	13.747	0.000	159015	500.0	559.9	
1	14.410	14.413	-0.003	314219	500.0	533.6	
1	15.243	15.247	-0.004	216890	500.0	520.8	
1	16.343	16.343	0.000	81714	500.0	634.2	

Average of Peak Amounts = 537.6

2	9.367	9.367	0.000	61079	500.0	476.0	
2	10.273	10.273	0.000	95572	500.0	436.5	
2	10.487	10.487	0.000	57695	500.0	554.7	
2	10.947	10.947	0.000	58576	500.0	519.3	
2	11.643	11.643	0.000	132066	500.0	528.9	
2	12.350	12.353	-0.003	63108	500.0	474.4	
2	12.610	12.613	-0.003	43229	500.0	643.8	
2	14.073	14.073	0.000	39834	500.0	654.7	

Average of Peak Amounts = 536.0

RPD = 0.29

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	168081	50.0	46.3	
2	15.177	15.177	0.000	122666	50.0	50.1	

RPD = 7.86

[QC Flag Legend](#)

Review Flags

M - Manually Integrated

[Reagents:](#)

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002468.D

Injection Date: 08-Mar-2019 06:55:00

Instrument ID: CPESTGC7

Operator ID:

Lims ID: LCS 460-593932/2-A

Worklist Smp#: 7

Client ID:

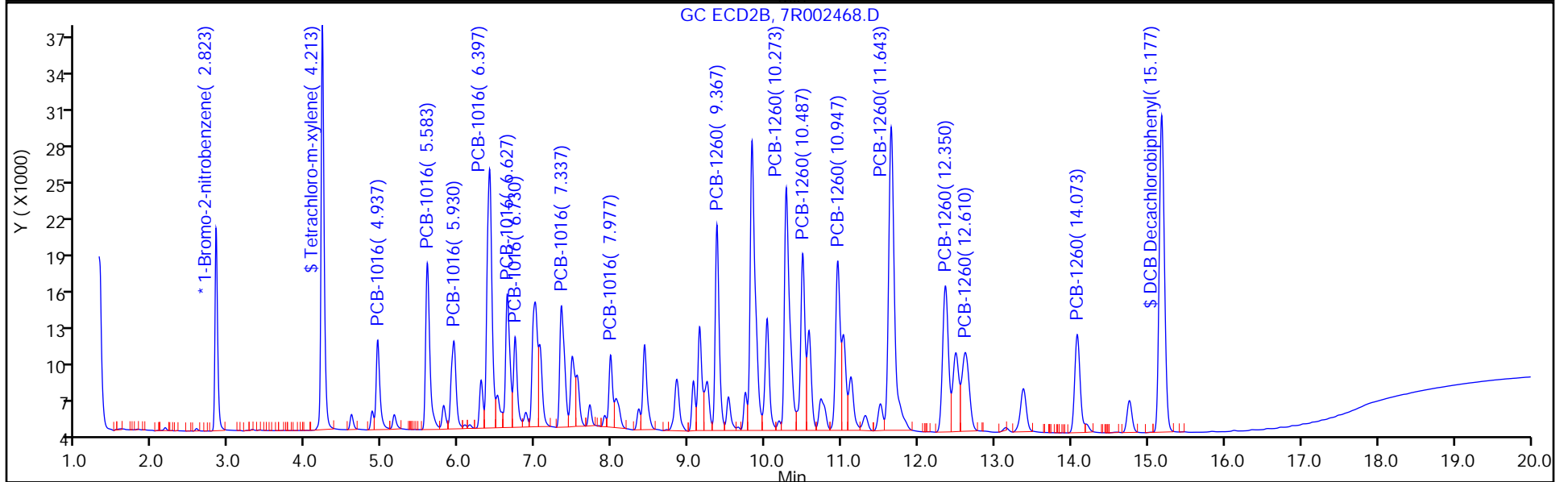
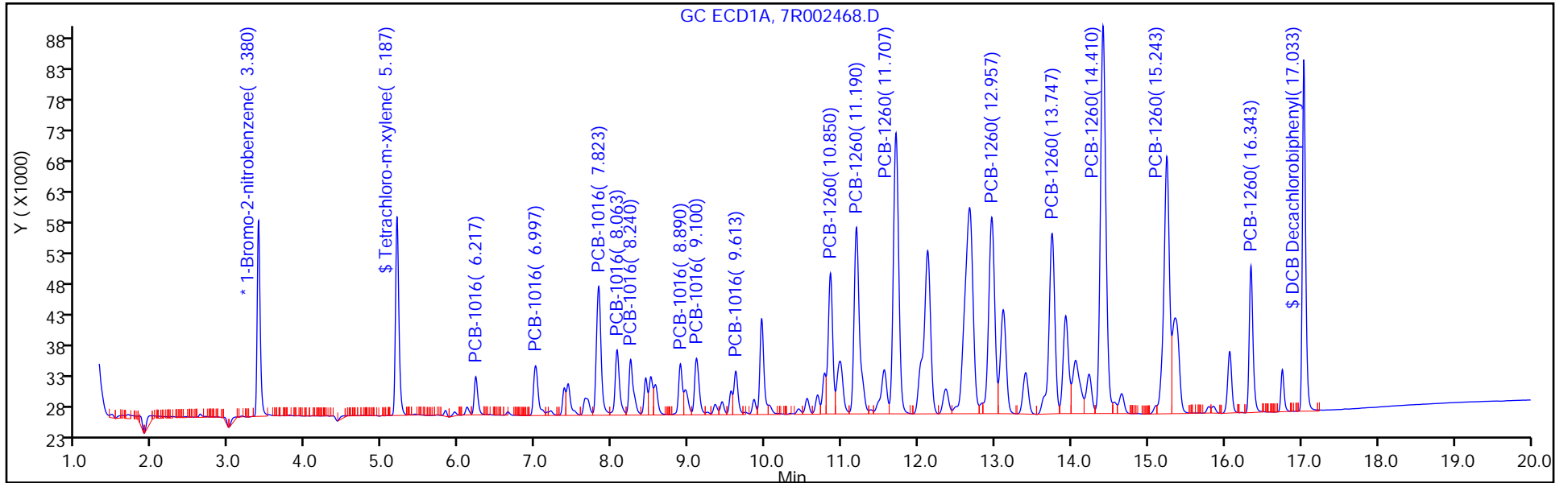
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 85

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-591970/3-A  
 Matrix: Water Lab File ID: 8F135752.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3510C Date Extracted: 02/27/2019 01:20  
 Sample wt/vol: 250 (mL) Date Analyzed: 02/27/2019 13:25  
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 591982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3.88		0.40	0.12
11096-82-5	Aroclor 1260	4.08		0.40	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		10-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135752.D  
 Lims ID: LCSD 460-591970/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 27-Feb-2019 13:25:59 ALS Bottle#: 63 Worklist Smp#: 30  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087113-030  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 14:27:06 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: guhas Date: 27-Feb-2019 14:24:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.416	1.416	0.000	1562428	20.0	20.0	
2	1.398	1.397	0.001	1591370	20.0	20.0	
							RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	2.272	2.273	-0.001	6143109	100.0	74.5	
2	2.061	2.060	0.001	7272733	100.0	67.0	
							RPD = 10.72

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.821	2.823	-0.002	1648570	1000.0	915.9	
1	3.298	3.300	-0.002	3822811	1000.0	956.2	
1	3.837	3.839	-0.002	6508295	1000.0	939.4	
1	3.995	3.998	-0.003	2953696	1000.0	951.5	
1	4.111	4.114	-0.003	2075518	1000.0	955.4	
1	4.560	4.563	-0.003	2173915	1000.0	950.0	
1	4.706	4.710	-0.004	2629856	1000.0	985.8	
1	5.071	5.075	-0.004	2945080	1000.0	1107.4	

Average of Peak Amounts = 970.2

2	2.444	2.443	0.001	2062262	1000.0	804.1	
2	2.827	2.826	0.001	4130761	1000.0	806.2	
2	3.044	3.043	0.001	2697947	1000.0	833.2	
2	3.341	3.340	0.001	8247338	1000.0	846.9	
2	3.493	3.492	0.001	3285198	1000.0	839.6	
2	3.560	3.559	0.001	2217795	1000.0	859.1	
2	3.965	3.965	0.000	3691790	1000.0	849.5	
2	4.408	4.407	0.001	1897158	1000.0	793.2	

Average of Peak Amounts = 829.0

RPD = 15.70

8 PCB-1260

1	5.956	5.960	-0.004	2248917	1000.0	983.5	
1	6.179	6.183	-0.004	4940194	1000.0	923.3	
1	6.519	6.523	-0.004	5615786	1000.0	937.2	
1	7.256	7.261	-0.005	3862199	1000.0	1028.9	
1	7.778	7.783	-0.005	3818094	1000.0	964.3	
1	8.311	8.316	-0.005	8800163	1000.0	1005.7	
1	9.066	9.071	-0.005	6948168	1000.0	1096.6	
1	10.076	10.083	-0.007	2631560	1000.0	1215.7	

Average of Peak Amounts = 1019.4

2	5.401	5.401	0.000	5335496	1000.0	814.1	
2	6.129	6.128	0.001	8876256	1000.0	807.1	
2	6.301	6.300	0.001	4896642	1000.0	968.2	
2	6.666	6.664	0.002	4946810	1000.0	908.2	
2	7.183	7.182	0.001	11722028	1000.0	922.8	
2	7.671	7.669	0.002	5768975	1000.0	863.6	
2	7.833	7.832	0.001	3767630	1000.0	1066.1	
2	8.936	8.932	0.004	3434117	1000.0	1044.9	

Average of Peak Amounts = 924.4

RPD = 9.78

\$ 11 DCB Decachlorobiphenyl

1	10.681	10.693	-0.012	7733210	100.0	88.8	
2	9.825	9.825	0.000	9443254	100.0	77.2	

RPD = 14.03

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135752.D

Injection Date: 27-Feb-2019 13:25:59 Instrument ID: CPESTGC8

Lims ID: LCSD 460-591970/3-A

Operator ID:

Worklist Smp#: 30

Client ID:

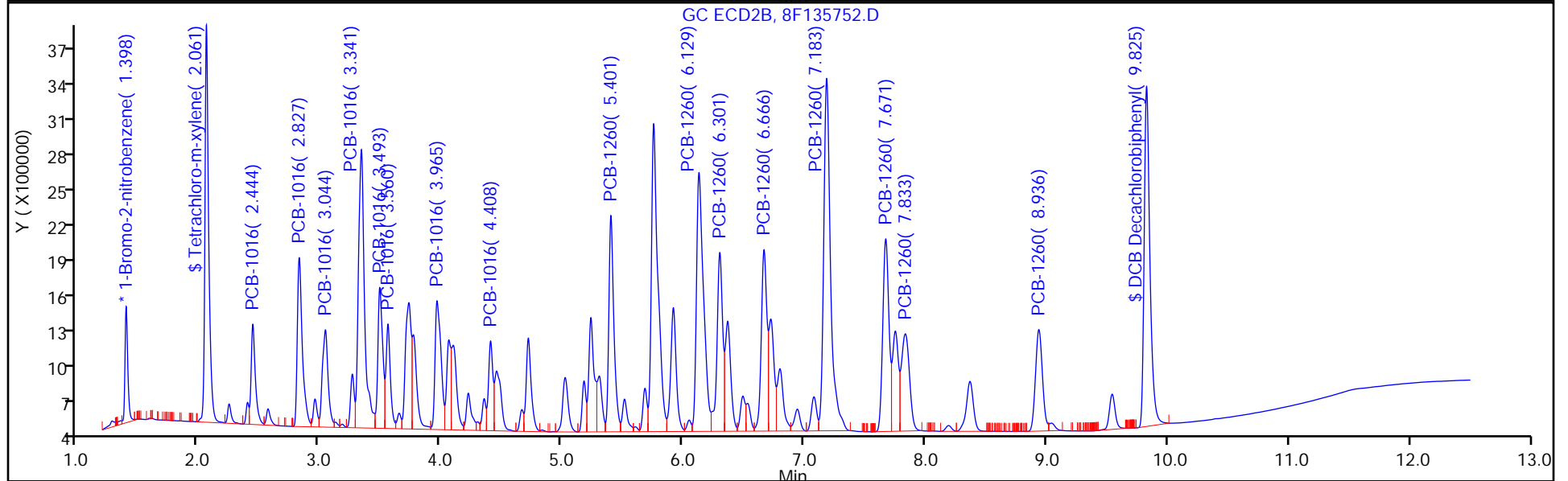
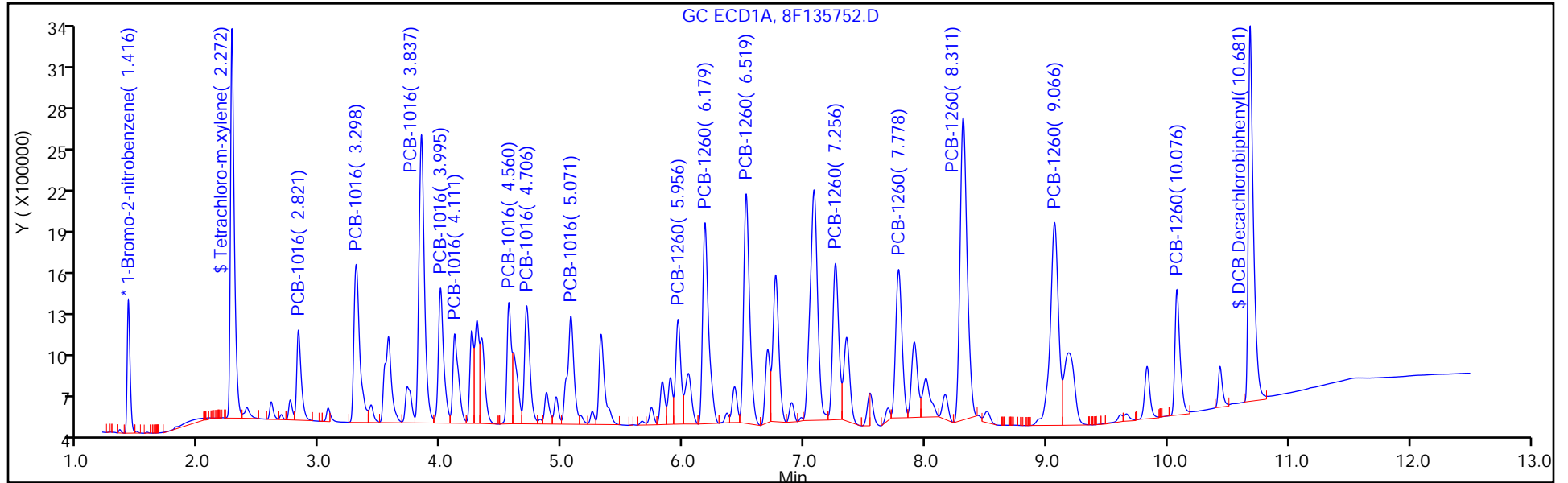
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 63

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-591970/3-A  
 Matrix: Water Lab File ID: 8F135752.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3510C Date Extracted: 02/27/2019 01:20  
 Sample wt/vol: 250 (mL) Date Analyzed: 02/27/2019 13:25  
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 591982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
<i>12674-11-2</i>	<i>Aroclor 1016</i>	<i>3.32</i>		<i>0.40</i>	<i>0.12</i>
<i>11096-82-5</i>	<i>Aroclor 1260</i>	<i>3.70</i>		<i>0.40</i>	<i>0.11</i>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		10-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135752.D  
 Lims ID: LCSD 460-591970/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 27-Feb-2019 13:25:59 ALS Bottle#: 63 Worklist Smp#: 30  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087113-030  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 27-Feb-2019 14:27:06 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0323

First Level Reviewer: guhas Date: 27-Feb-2019 14:24:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.416	1.416	0.000	1562428	20.0	20.0	
2	1.398	1.397	0.001	1591370	20.0	20.0	
							RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	2.272	2.273	-0.001	6143109	100.0	74.5	
2	2.061	2.060	0.001	7272733	100.0	67.0	
							RPD = 10.72

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.821	2.823	-0.002	1648570	1000.0	915.9	
1	3.298	3.300	-0.002	3822811	1000.0	956.2	
1	3.837	3.839	-0.002	6508295	1000.0	939.4	
1	3.995	3.998	-0.003	2953696	1000.0	951.5	
1	4.111	4.114	-0.003	2075518	1000.0	955.4	
1	4.560	4.563	-0.003	2173915	1000.0	950.0	
1	4.706	4.710	-0.004	2629856	1000.0	985.8	
1	5.071	5.075	-0.004	2945080	1000.0	1107.4	

Average of Peak Amounts = 970.2

2	2.444	2.443	0.001	2062262	1000.0	804.1	
2	2.827	2.826	0.001	4130761	1000.0	806.2	
2	3.044	3.043	0.001	2697947	1000.0	833.2	
2	3.341	3.340	0.001	8247338	1000.0	846.9	
2	3.493	3.492	0.001	3285198	1000.0	839.6	
2	3.560	3.559	0.001	2217795	1000.0	859.1	
2	3.965	3.965	0.000	3691790	1000.0	849.5	
2	4.408	4.407	0.001	1897158	1000.0	793.2	

Average of Peak Amounts = 829.0

RPD = 15.70

8 PCB-1260

1	5.956	5.960	-0.004	2248917	1000.0	983.5	
1	6.179	6.183	-0.004	4940194	1000.0	923.3	
1	6.519	6.523	-0.004	5615786	1000.0	937.2	
1	7.256	7.261	-0.005	3862199	1000.0	1028.9	
1	7.778	7.783	-0.005	3818094	1000.0	964.3	
1	8.311	8.316	-0.005	8800163	1000.0	1005.7	
1	9.066	9.071	-0.005	6948168	1000.0	1096.6	
1	10.076	10.083	-0.007	2631560	1000.0	1215.7	

Average of Peak Amounts = 1019.4

2	5.401	5.401	0.000	5335496	1000.0	814.1	
2	6.129	6.128	0.001	8876256	1000.0	807.1	
2	6.301	6.300	0.001	4896642	1000.0	968.2	
2	6.666	6.664	0.002	4946810	1000.0	908.2	
2	7.183	7.182	0.001	11722028	1000.0	922.8	
2	7.671	7.669	0.002	5768975	1000.0	863.6	
2	7.833	7.832	0.001	3767630	1000.0	1066.1	
2	8.936	8.932	0.004	3434117	1000.0	1044.9	

Average of Peak Amounts = 924.4

RPD = 9.78

\$ 11 DCB Decachlorobiphenyl

1	10.681	10.693	-0.012	7733210	100.0	88.8	
2	9.825	9.825	0.000	9443254	100.0	77.2	

RPD = 14.03

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190227-87113.b\8F135752.D

Injection Date: 27-Feb-2019 13:25:59

Instrument ID: CPESTGC8

Operator ID:

Lims ID: LCSD 460-591970/3-A

Worklist Smp#: 30

Client ID:

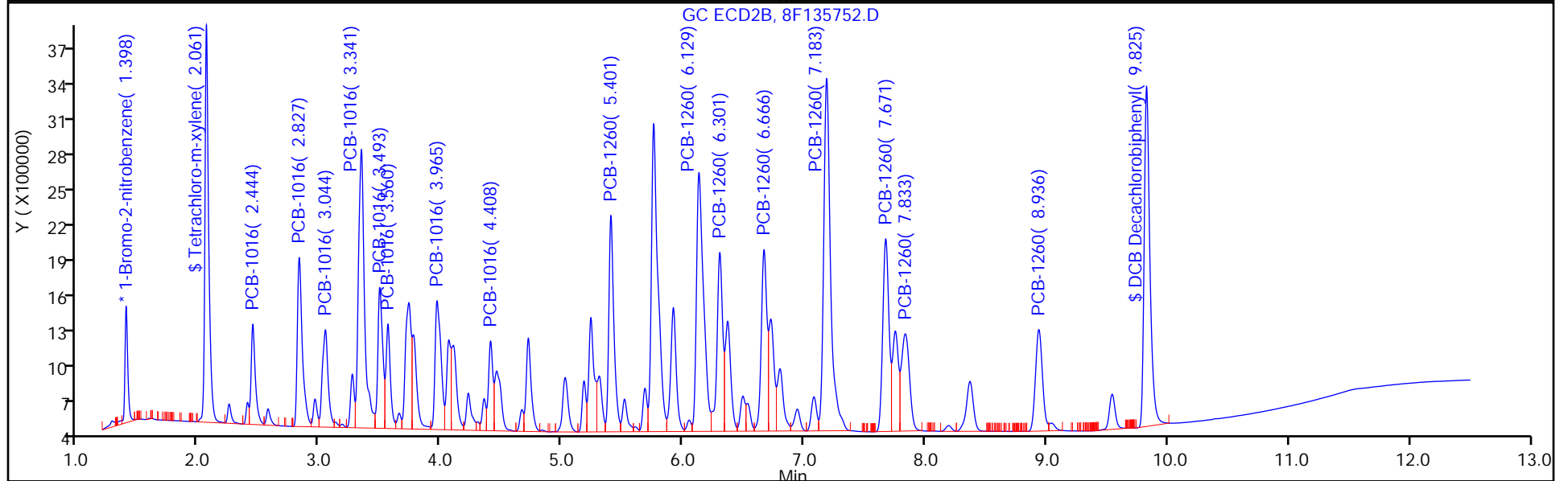
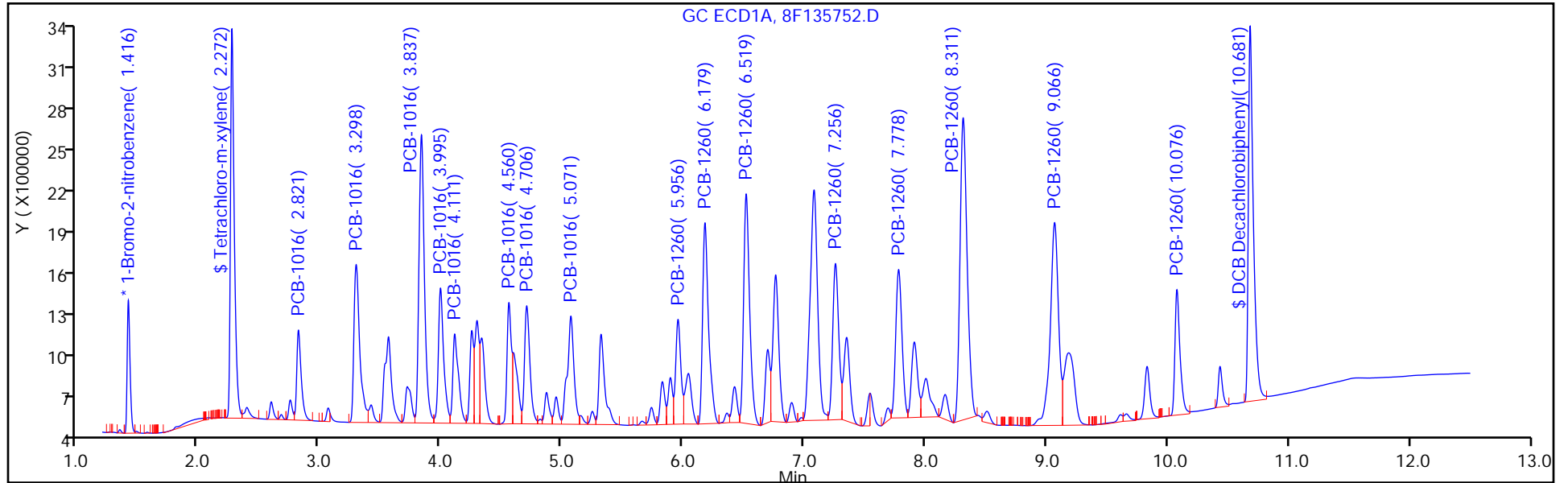
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 63

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592055/3-A  
 Matrix: Solid Lab File ID: T155878.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 02:04  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
<i>12674-11-2</i>	<i>Aroclor 1016</i>	<i>341</i>		<i>67</i>	<i>8.9</i>
<i>11096-82-5</i>	<i>Aroclor 1260</i>	<i>358</i>		<i>67</i>	<i>9.2</i>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155878.D  
 Lims ID: LCSD 460-592055/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 28-Feb-2019 02:04:16 ALS Bottle#: 48 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-008  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	18483469	20.0	20.0	
2	1.334	1.334	0.000	18018570	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	1.888	1.886	0.002	49702578	50.0	52.9	
2	1.973	1.973	0.000	46234122	50.0	52.5	
						RPD = 0.80	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.356	2.356	0.000	8358651	500.0	522.5	
1	2.779	2.779	0.000	18715063	500.0	561.9	
1	3.280	3.279	0.001	42672630	500.0	562.6	
1	3.423	3.422	0.001	17072517	500.0	555.3	
1	3.532	3.531	0.001	12571880	500.0	511.3	
1	3.957	3.956	0.001	13229423	500.0	491.4	
1	4.094	4.094	0.000	13788258	500.0	473.1	
1	4.443	4.444	-0.001	11038211	500.0	423.3	

Average of Peak Amounts = 512.7

2	2.344	2.344	0.000	8387585	500.0	520.6	
2	2.716	2.716	0.000	17097706	500.0	555.3	
2	2.931	2.930	0.001	11388607	500.0	545.1	
2	3.222	3.222	0.000	36529659	500.0	543.8	
2	3.369	3.368	0.001	15328585	500.0	559.8	
2	3.437	3.436	0.001	9911132	500.0	542.7	
2	3.834	3.833	0.001	15920211	500.0	518.6	
2	4.274	4.271	0.003	6992472	500.0	434.9	

Average of Peak Amounts = 527.6

RPD = 2.87

8 PCB-1260

1	5.268	5.267	0.001	12668052	500.0	482.5	
1	5.451	5.449	0.002	23605553	500.0	464.6	
1	5.747	5.742	0.005	33400710	500.0	484.7	
1	6.364	6.362	0.002	28452301	500.0	561.8	
1	6.800	6.796	0.004	25684072	500.0	557.0	
1	7.270	7.266	0.004	66594786	500.0	541.1	
1	7.917	7.911	0.006	47356293	500.0	543.0	
1	9.175	9.173	0.002	21891620	500.0	668.3	

Average of Peak Amounts = 537.9

2	5.257	5.256	0.001	21105152	500.0	486.5	
2	5.956	5.952	0.004	38168496	500.0	482.9	
2	6.121	6.119	0.002	23147820	500.0	625.8	
2	6.471	6.468	0.003	23135941	500.0	576.6	
2	6.968	6.965	0.003	61540132	500.0	679.8	
2	7.437	7.433	0.004	24958360	500.0	505.7	
2	7.592	7.592	0.000	20051357	500.0	809.3	
2	8.662	8.658	0.004	19046867	500.0	793.7	

Average of Peak Amounts = 620.0

RPD = 14.19

\$ 11 DCB Decachlorobiphenyl

1	10.059	10.055	0.004	51630647	50.0	52.1	
2	9.637	9.633	0.004	48959444	50.0	58.2	

RPD = 10.90

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155878.D

Injection Date: 28-Feb-2019 02:04:16

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCSD 460-592055/3-A

Worklist Smp#: 8

Client ID:

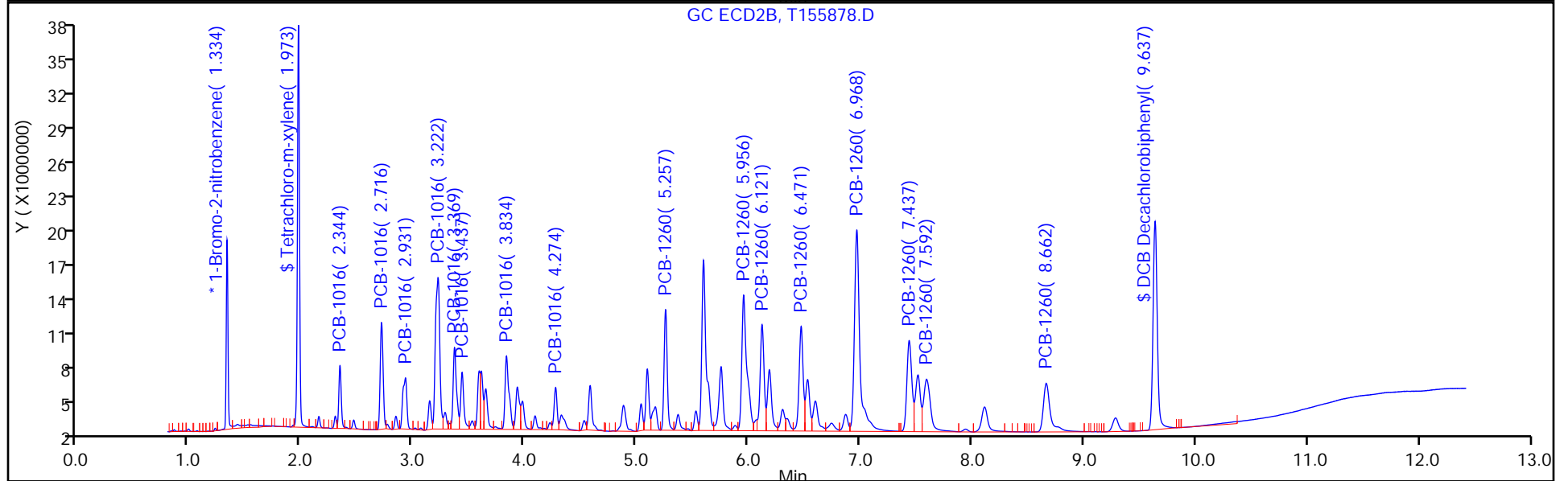
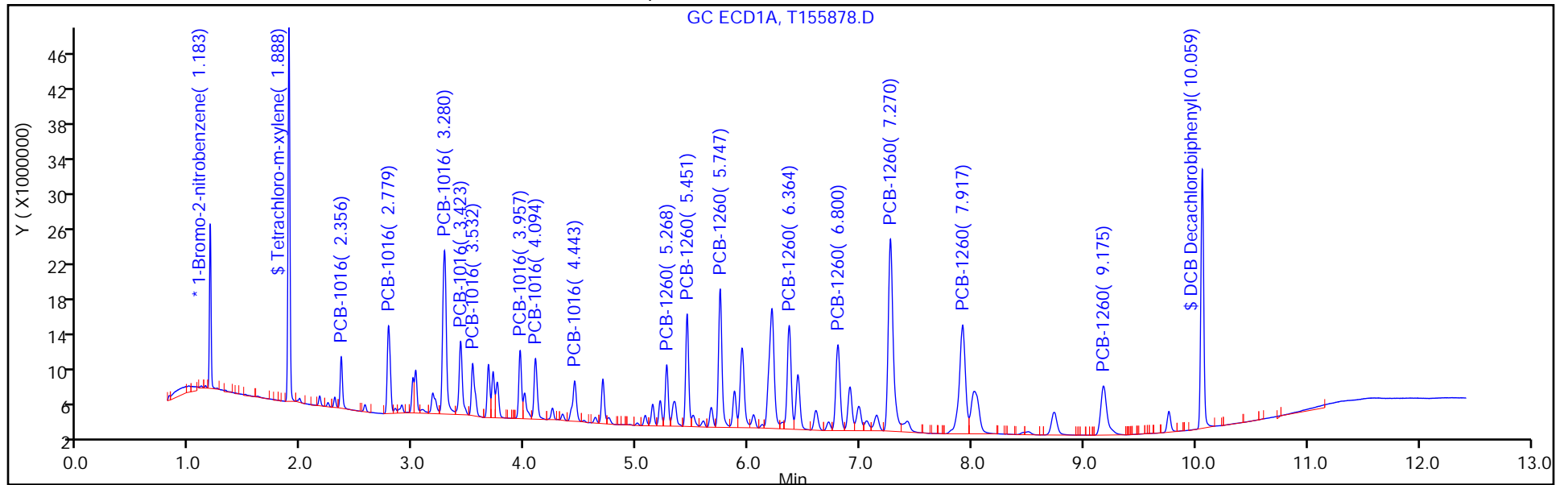
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 48

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592055/3-A  
 Matrix: Solid Lab File ID: T155878.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 02:04  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	351		67	8.9
11096-82-5	Aroclor 1260	412		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155878.D  
 Lims ID: LCSD 460-592055/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 28-Feb-2019 02:04:16 ALS Bottle#: 48 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087170-008  
 Operator ID: Instrument ID: CPESTGC11  
 Method: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\8082 ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 11:49:28 Calib Date: 04-Feb-2019 21:53:44  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC11\20190204-86038.b\T154853.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.183	1.183	0.000	18483469	20.0	20.0	
2	1.334	1.334	0.000	18018570	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	1.888	1.886	0.002	49702578	50.0	52.9	
2	1.973	1.973	0.000	46234122	50.0	52.5	
						RPD = 0.80	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.356	2.356	0.000	8358651	500.0	522.5	
1	2.779	2.779	0.000	18715063	500.0	561.9	
1	3.280	3.279	0.001	42672630	500.0	562.6	
1	3.423	3.422	0.001	17072517	500.0	555.3	
1	3.532	3.531	0.001	12571880	500.0	511.3	
1	3.957	3.956	0.001	13229423	500.0	491.4	
1	4.094	4.094	0.000	13788258	500.0	473.1	
1	4.443	4.444	-0.001	11038211	500.0	423.3	

Average of Peak Amounts = 512.7

2	2.344	2.344	0.000	8387585	500.0	520.6	
2	2.716	2.716	0.000	17097706	500.0	555.3	
2	2.931	2.930	0.001	11388607	500.0	545.1	
2	3.222	3.222	0.000	36529659	500.0	543.8	
2	3.369	3.368	0.001	15328585	500.0	559.8	
2	3.437	3.436	0.001	9911132	500.0	542.7	
2	3.834	3.833	0.001	15920211	500.0	518.6	
2	4.274	4.271	0.003	6992472	500.0	434.9	

Average of Peak Amounts = 527.6

RPD = 2.87

8 PCB-1260

1	5.268	5.267	0.001	12668052	500.0	482.5	
1	5.451	5.449	0.002	23605553	500.0	464.6	
1	5.747	5.742	0.005	33400710	500.0	484.7	
1	6.364	6.362	0.002	28452301	500.0	561.8	
1	6.800	6.796	0.004	25684072	500.0	557.0	
1	7.270	7.266	0.004	66594786	500.0	541.1	
1	7.917	7.911	0.006	47356293	500.0	543.0	
1	9.175	9.173	0.002	21891620	500.0	668.3	

Average of Peak Amounts = 537.9

2	5.257	5.256	0.001	21105152	500.0	486.5	
2	5.956	5.952	0.004	38168496	500.0	482.9	
2	6.121	6.119	0.002	23147820	500.0	625.8	
2	6.471	6.468	0.003	23135941	500.0	576.6	
2	6.968	6.965	0.003	61540132	500.0	679.8	
2	7.437	7.433	0.004	24958360	500.0	505.7	
2	7.592	7.592	0.000	20051357	500.0	809.3	
2	8.662	8.658	0.004	19046867	500.0	793.7	

Average of Peak Amounts = 620.0

RPD = 14.19

\$ 11 DCB Decachlorobiphenyl

1	10.059	10.055	0.004	51630647	50.0	52.1	
2	9.637	9.633	0.004	48959444	50.0	58.2	

RPD = 10.90

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC11\20190227-87170.b\T155878.D

Injection Date: 28-Feb-2019 02:04:16

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCSD 460-592055/3-A

Worklist Smp#: 8

Client ID:

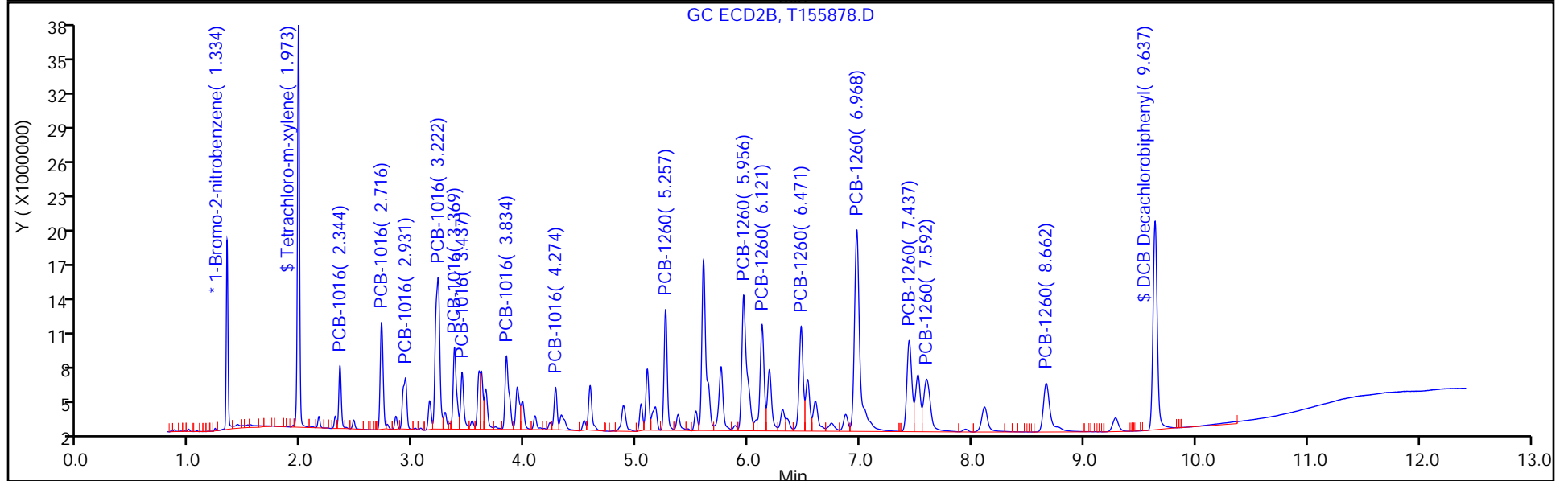
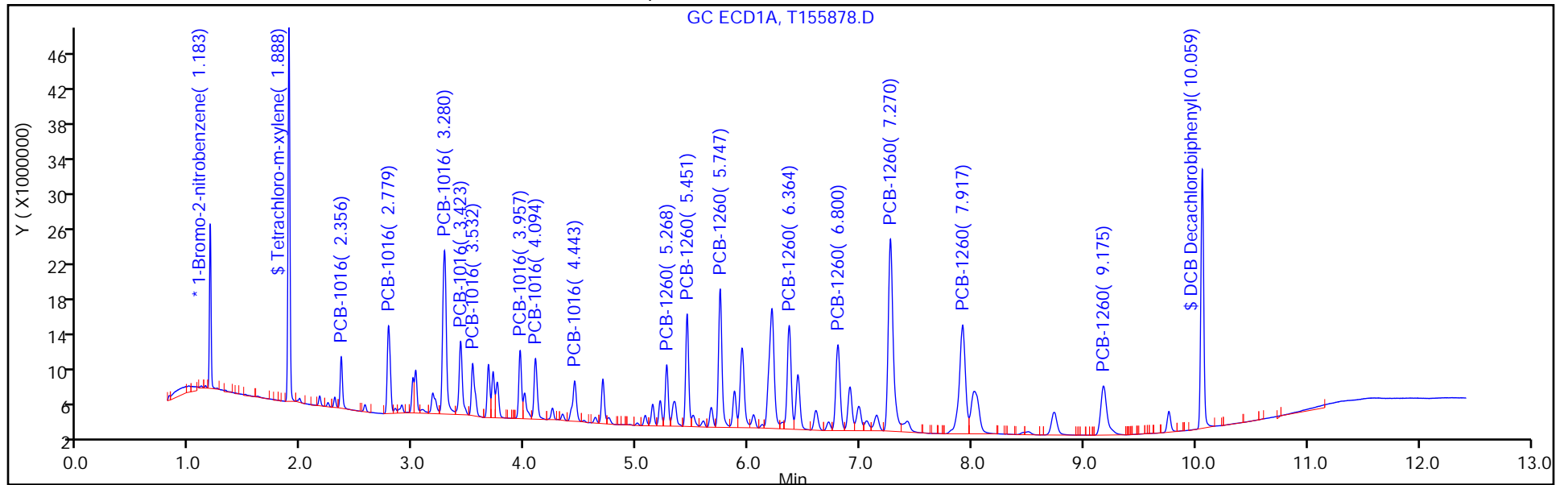
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 48

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592057/3-A  
 Matrix: Solid Lab File ID: 9F003675.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 01:03  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	446		67	8.9
11096-82-5	Aroclor 1260	485		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	146		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D  
 Lims ID: LCSD 460-592057/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 28-Feb-2019 01:03:07 ALS Bottle#: 56 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-008  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 10:42:04 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:51:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 13 1-Bromo-2-nitrobenzene							M
1	1.354	1.351	0.003	1550540	20.0	20.0	M
2	1.344	1.340	0.004	4230965	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.177	2.172	0.005	4775525	50.0	59.6	M
2	1.987	1.981	0.006	14683209	50.0	65.6	
RPD = 9.65							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016 M

1	2.709	2.705	0.004	1166589	500.0	644.0	M
1	3.176	3.171	0.005	2602162	500.0	711.8	M
1	3.707	3.703	0.004	4715289	500.0	677.1	M
1	3.862	3.858	0.004	2190941	500.0	723.2	M
1	3.977	3.973	0.004	1550350	500.0	733.7	M
1	4.422	4.417	0.005	1578778	500.0	710.5	M
1	4.567	4.562	0.005	1624335	500.0	636.5	M
1	4.929	4.925	0.004	1488602	500.0	519.2	M

Average of Peak Amounts = 669.5

2	2.360	2.354	0.006	3430351	500.0	698.7	M
2	2.736	2.729	0.007	5216061	500.0	670.8	M
2	2.948	2.942	0.006	3262393	500.0	653.7	M
2	3.241	3.234	0.007	8965009	500.0	659.4	M
2	3.389	3.382	0.007	3867764	500.0	675.4	M
2	3.457	3.450	0.007	2528902	500.0	635.3	M
2	3.857	3.851	0.006	4250984	500.0	634.2	M
2	4.297	4.290	0.007	1919192	500.0	540.4	M

Average of Peak Amounts = 646.0

RPD = 3.58

8 PCB-1260 M

1	5.792	5.787	0.005	1335996	500.0	664.1	M
1	6.005	6.000	0.005	3076941	500.0	637.8	M
1	6.335	6.329	0.006	3448372	500.0	632.9	M
1	7.042	7.036	0.006	2751897	500.0	759.3	M
1	7.542	7.534	0.008	2784654	500.0	734.6	M
1	8.059	8.052	0.007	6157293	500.0	745.1	M
1	8.787	8.779	0.008	4795452	500.0	760.1	
1	9.904	9.901	0.003	2052126	500.0	898.8	M

Average of Peak Amounts = 729.1

2	5.284	5.277	0.007	5655463	500.0	584.0	M
2	5.982	5.974	0.008	9588038	500.0	581.8	M
2	6.150	6.141	0.009	5668408	500.0	767.9	M
2	6.501	6.492	0.009	5751570	500.0	692.4	M
2	6.999	6.989	0.010	13841455	500.0	722.8	M
2	7.470	7.460	0.010	6863858	500.0	667.5	
2	7.629	7.618	0.011	4744139	500.0	872.2	
2	8.700	8.688	0.012	4485438	500.0	897.0	M

Average of Peak Amounts = 723.2

RPD = 0.81

\$ 11 DCB Decachlorobiphenyl M

1	10.510	10.509	0.001	5855082	50.0	73.1	M
2	9.672	9.664	0.008	12343096	50.0	73.1	

RPD = 0.06

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D

Injection Date: 28-Feb-2019 01:03:07

Instrument ID: CPESTGC9

Operator ID:

Lims ID: LCSD 460-592057/3-A

Worklist Smp#: 8

Client ID:

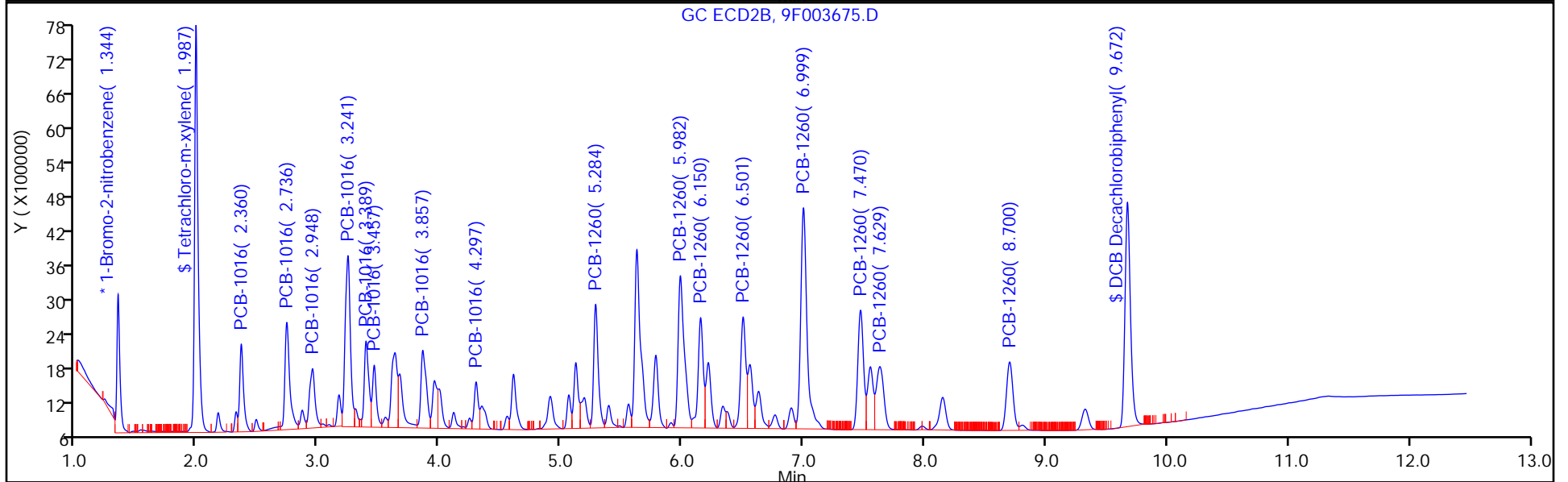
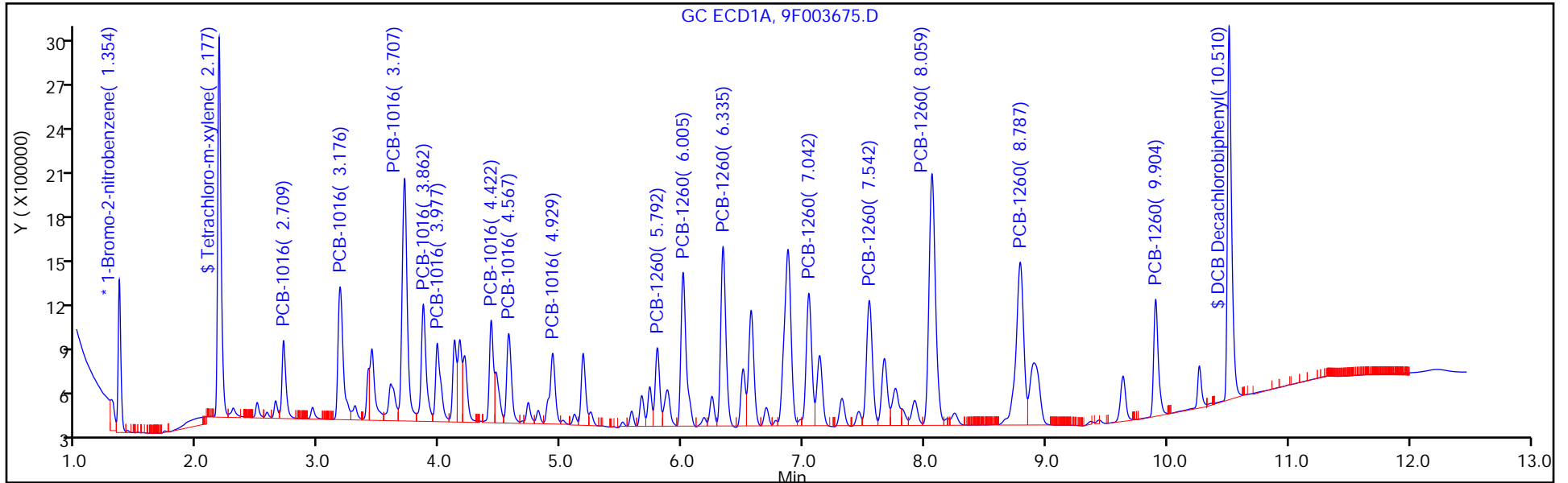
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 56

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D

Injection Date: 28-Feb-2019 01:03:07

Instrument ID: CPESTGC9

Lims ID: LCSD 460-592057/3-A

Client ID:

Operator ID:

ALS Bottle#: 56

Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

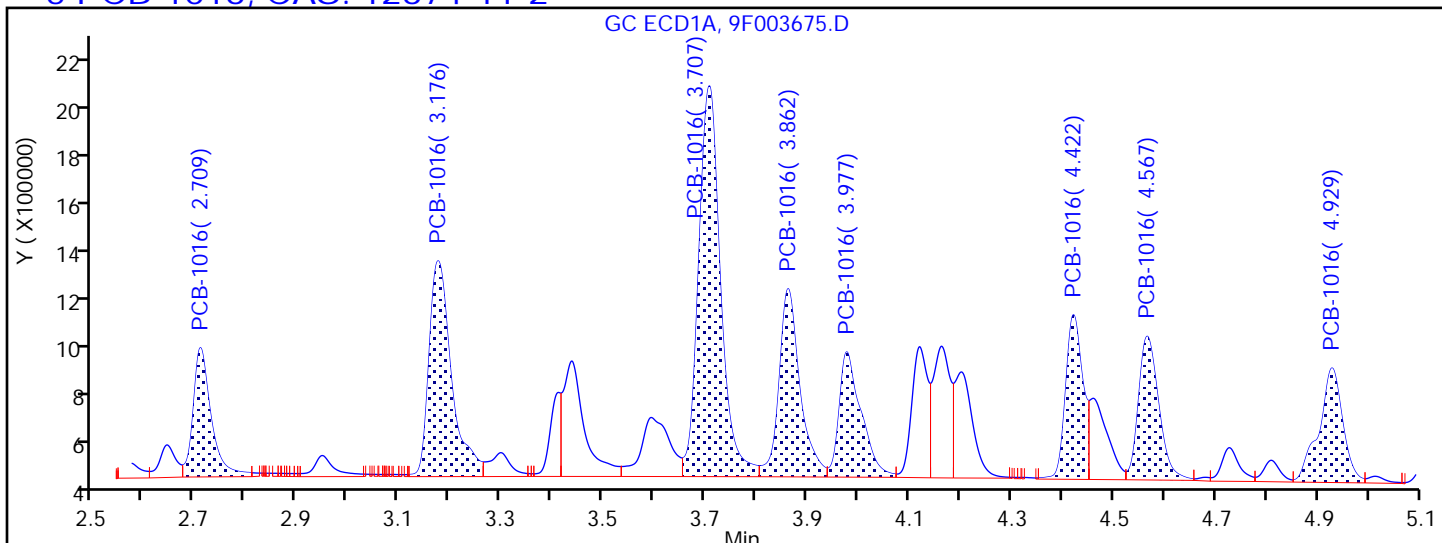
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

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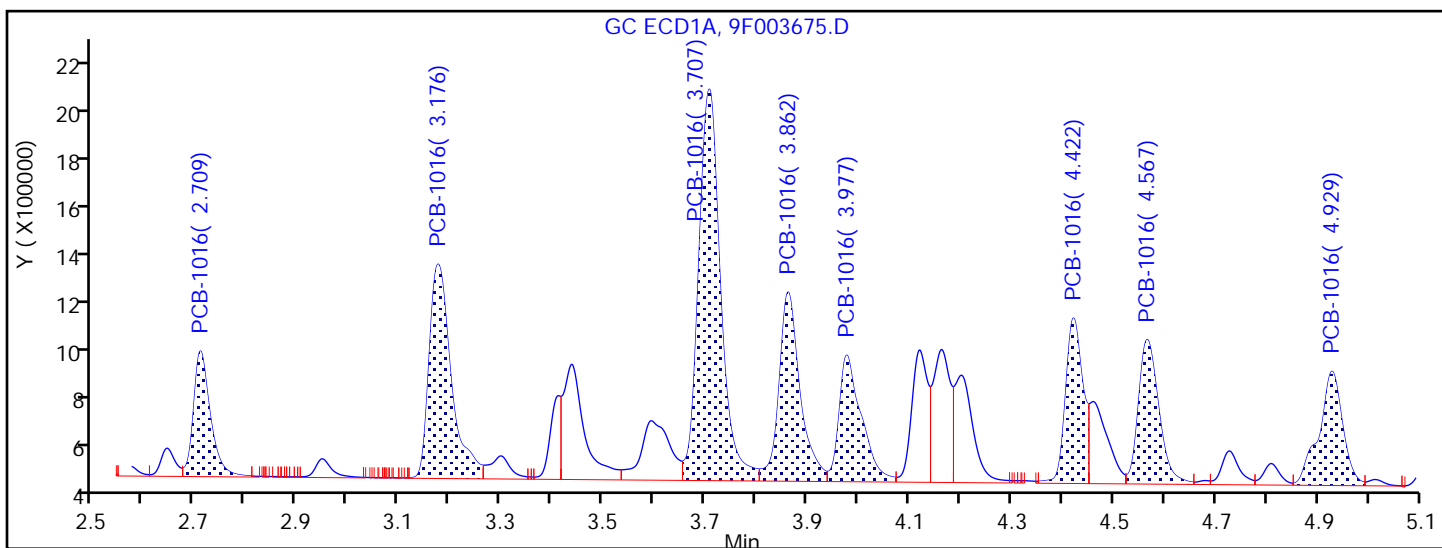
Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.709	Response = 1277013
3.176	Response = 2648397
3.707	Response = 4685306
3.862	Response = 2153797
3.977	Response = 1505557
4.422	Response = 1557433
4.567	Response = 1597367
4.929	Response = 1496820



Manual Integration Results

2.709	Response = 1166589	M
3.176	Response = 2602162	M
3.707	Response = 4715289	M
3.862	Response = 2190941	M
3.977	Response = 1550350	M
4.422	Response = 1578778	M

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D

Injection Date: 28-Feb-2019 01:03:07

Instrument ID: CPESTGC9

Lims ID: LCSD 460-592057/3-A

Client ID:

Operator ID:

ALS Bottle#: 56 Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

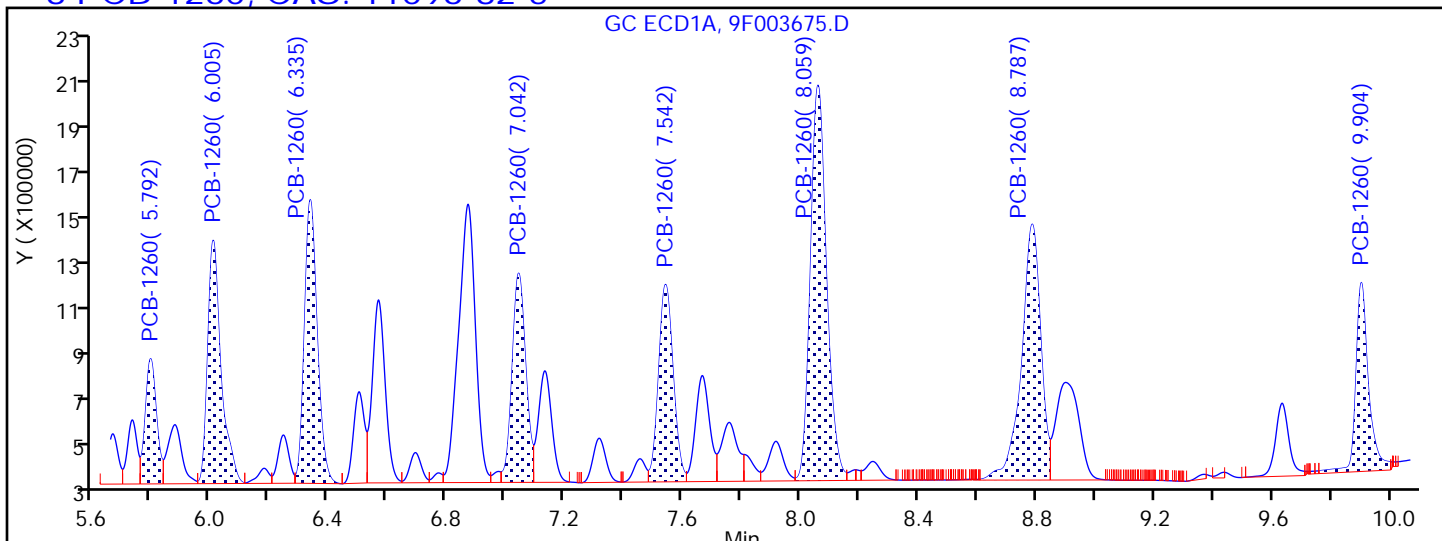
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

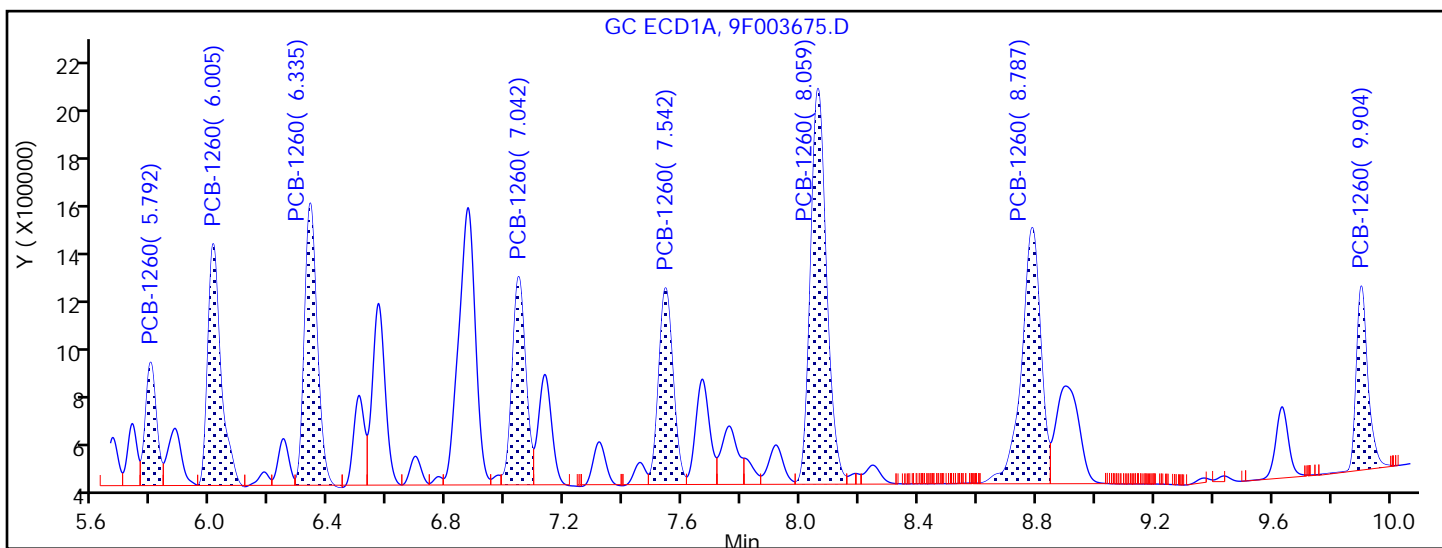
Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.792	Response = 1375808
6.005	Response = 3150516
6.335	Response = 3524719
7.042	Response = 2786273
7.542	Response = 2817297
8.059	Response = 6161756
8.787	Response = 4795452
9.904	Response = 2329487



Manual Integration Results

5.792	Response = 1335996	M
6.005	Response = 3076941	M
6.335	Response = 3448372	M
7.042	Response = 2751897	M
7.542	Response = 2784654	M
8.059	Response = 6157293	M



TestAmerica Edison

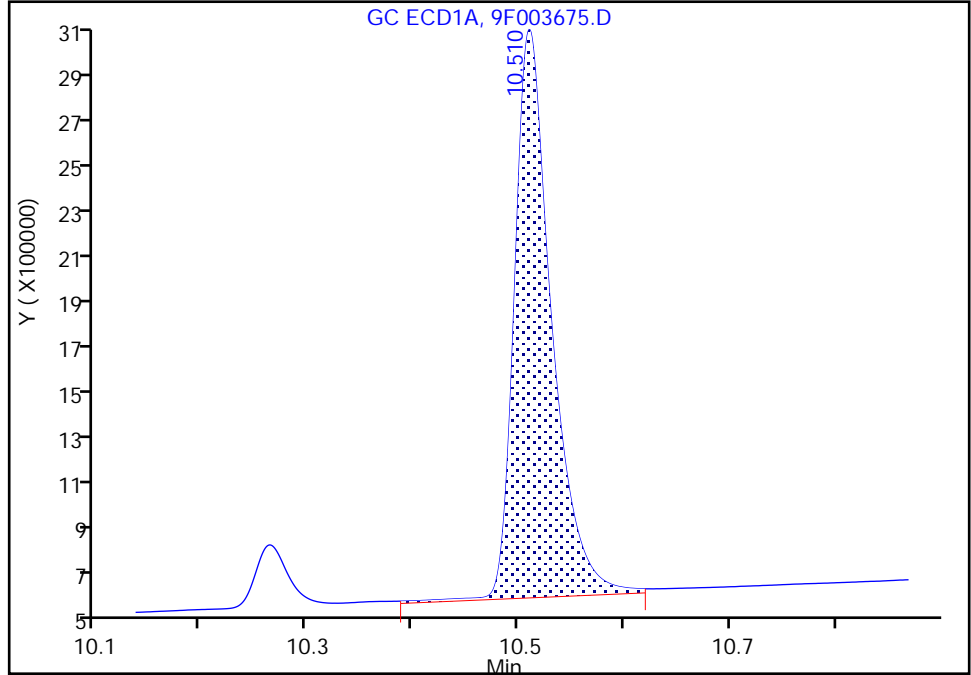
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Injection Date: 28-Feb-2019 01:03:07 Instrument ID: CPESTGC9  
Lims ID: LCSD 460-592057/3-A  
Client ID:  
Operator ID: ALS Bottle#: 56 Worklist Smp#: 8  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

**\$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3**

Signal: 1

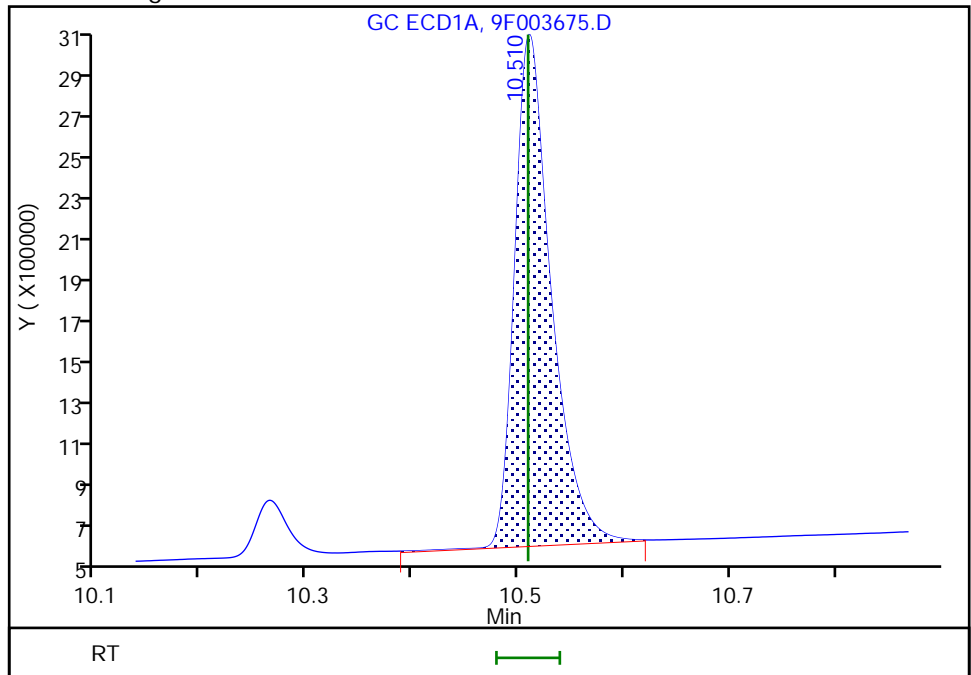
RT: 10.51  
Area: 5963912  
Amount: 74.456231  
Amount Units: ug/l

Processing Integration Results



RT: 10.51  
Area: 5855082  
Amount: 73.097547  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:48:25  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

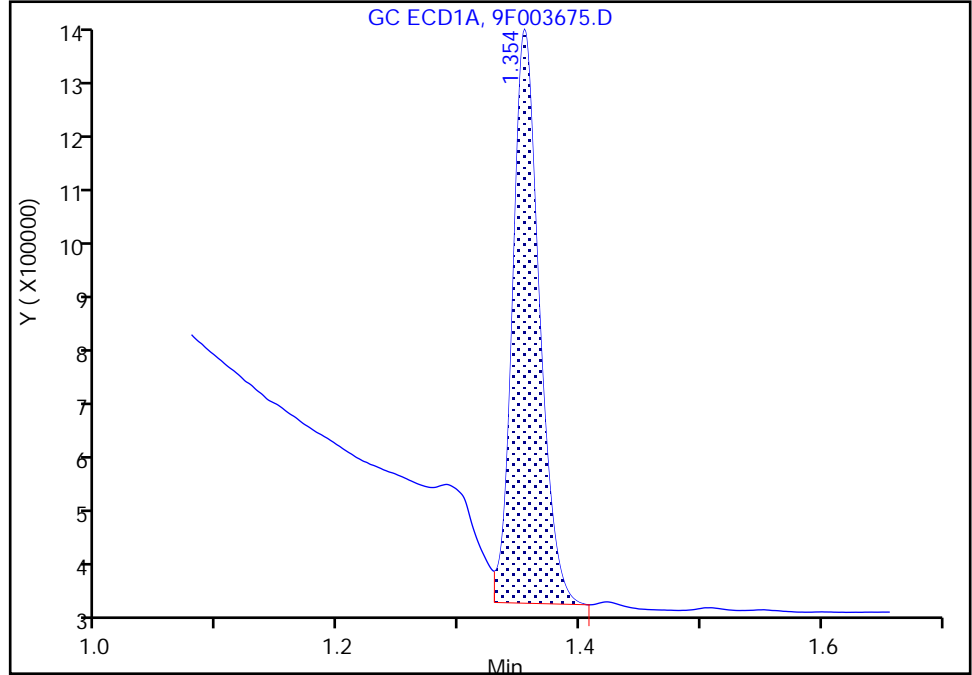
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D  
Injection Date: 28-Feb-2019 01:03:07 Instrument ID: CPESTGC9  
Lims ID: LCSD 460-592057/3-A  
Client ID:  
Operator ID: ALS Bottle#: 56 Worklist Smp#: 8  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD1A

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 1

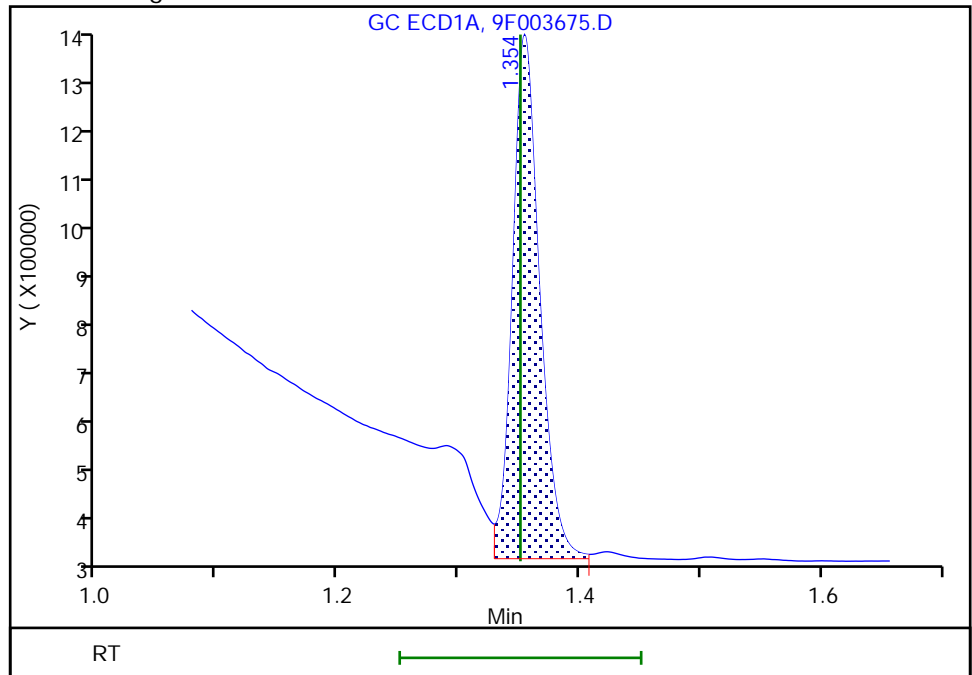
RT: 1.35  
Area: 1502623  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.35  
Area: 1550540  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:47:04  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592057/3-A  
 Matrix: Solid Lab File ID: 9F003675.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 01:03  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	430		67	8.9
11096-82-5	Aroclor 1260	481		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	146		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D  
 Lims ID: LCSD 460-592057/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 28-Feb-2019 01:03:07 ALS Bottle#: 56 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087171-008  
 Operator ID: Instrument ID: CPESTGC9  
 Method: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\8082-ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 10:42:04 Calib Date: 13-Feb-2019 14:47:15  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC9\20190213-86471.b\9F003172.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0301

First Level Reviewer: guhas Date: 28-Feb-2019 07:51:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 13 1-Bromo-2-nitrobenzene							M
1	1.354	1.351	0.003	1550540	20.0	20.0	M
2	1.344	1.340	0.004	4230965	20.0	20.0	M
RPD = 0.00							
\$ 2 Tetrachloro-m-xylene							M
1	2.177	2.172	0.005	4775525	50.0	59.6	M
2	1.987	1.981	0.006	14683209	50.0	65.6	
RPD = 9.65							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	2.709	2.705	0.004	1166589	500.0	644.0	M
1	3.176	3.171	0.005	2602162	500.0	711.8	M
1	3.707	3.703	0.004	4715289	500.0	677.1	M
1	3.862	3.858	0.004	2190941	500.0	723.2	M
1	3.977	3.973	0.004	1550350	500.0	733.7	M
1	4.422	4.417	0.005	1578778	500.0	710.5	M
1	4.567	4.562	0.005	1624335	500.0	636.5	M
1	4.929	4.925	0.004	1488602	500.0	519.2	M

Average of Peak Amounts = 669.5

2	2.360	2.354	0.006	3430351	500.0	698.7	M
2	2.736	2.729	0.007	5216061	500.0	670.8	M
2	2.948	2.942	0.006	3262393	500.0	653.7	M
2	3.241	3.234	0.007	8965009	500.0	659.4	M
2	3.389	3.382	0.007	3867764	500.0	675.4	M
2	3.457	3.450	0.007	2528902	500.0	635.3	M
2	3.857	3.851	0.006	4250984	500.0	634.2	M
2	4.297	4.290	0.007	1919192	500.0	540.4	M

Average of Peak Amounts = 646.0

RPD = 3.58

8 PCB-1260

1	5.792	5.787	0.005	1335996	500.0	664.1	M
1	6.005	6.000	0.005	3076941	500.0	637.8	M
1	6.335	6.329	0.006	3448372	500.0	632.9	M
1	7.042	7.036	0.006	2751897	500.0	759.3	M
1	7.542	7.534	0.008	2784654	500.0	734.6	M
1	8.059	8.052	0.007	6157293	500.0	745.1	M
1	8.787	8.779	0.008	4795452	500.0	760.1	
1	9.904	9.901	0.003	2052126	500.0	898.8	M

Average of Peak Amounts = 729.1

2	5.284	5.277	0.007	5655463	500.0	584.0	M
2	5.982	5.974	0.008	9588038	500.0	581.8	M
2	6.150	6.141	0.009	5668408	500.0	767.9	M
2	6.501	6.492	0.009	5751570	500.0	692.4	M
2	6.999	6.989	0.010	13841455	500.0	722.8	M
2	7.470	7.460	0.010	6863858	500.0	667.5	
2	7.629	7.618	0.011	4744139	500.0	872.2	
2	8.700	8.688	0.012	4485438	500.0	897.0	M

Average of Peak Amounts = 723.2

RPD = 0.81

\$ 11 DCB Decachlorobiphenyl

1	10.510	10.509	0.001	5855082	50.0	73.1	M
2	9.672	9.664	0.008	12343096	50.0	73.1	

RPD = 0.06

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D

Injection Date: 28-Feb-2019 01:03:07

Instrument ID: CPESTGC9

Operator ID:

Lims ID: LCSD 460-592057/3-A

Worklist Smp#: 8

Client ID:

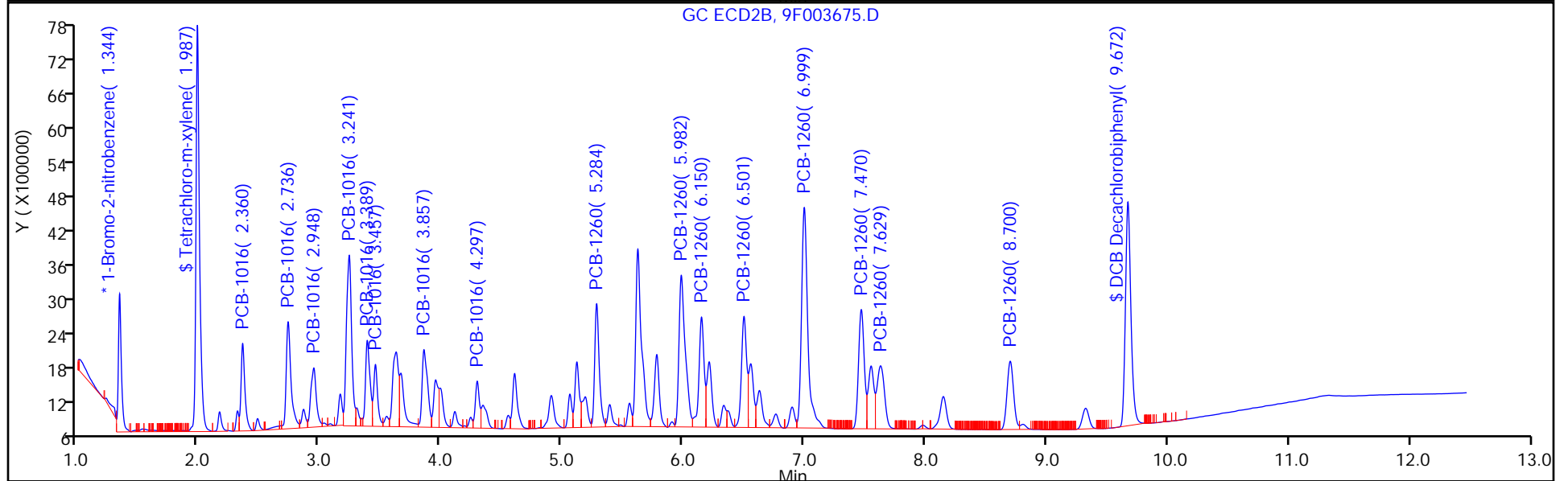
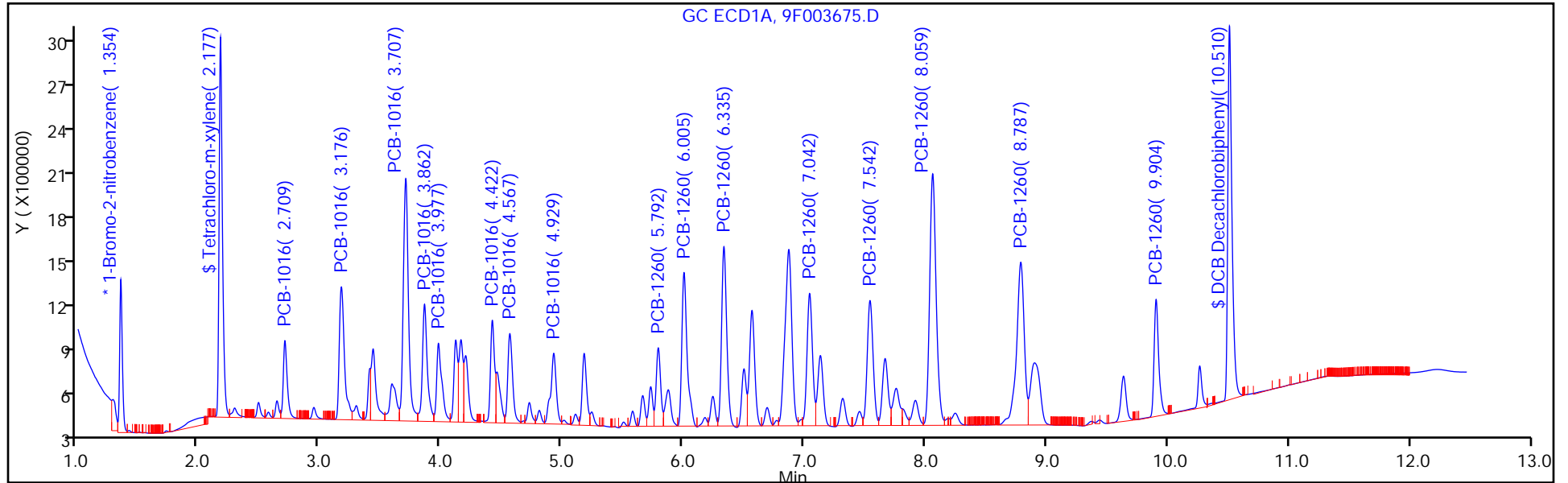
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 56

Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D

Injection Date: 28-Feb-2019 01:03:07

Instrument ID: CPESTGC9

Lims ID: LCSD 460-592057/3-A

Client ID:

Operator ID:

ALS Bottle#: 56 Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

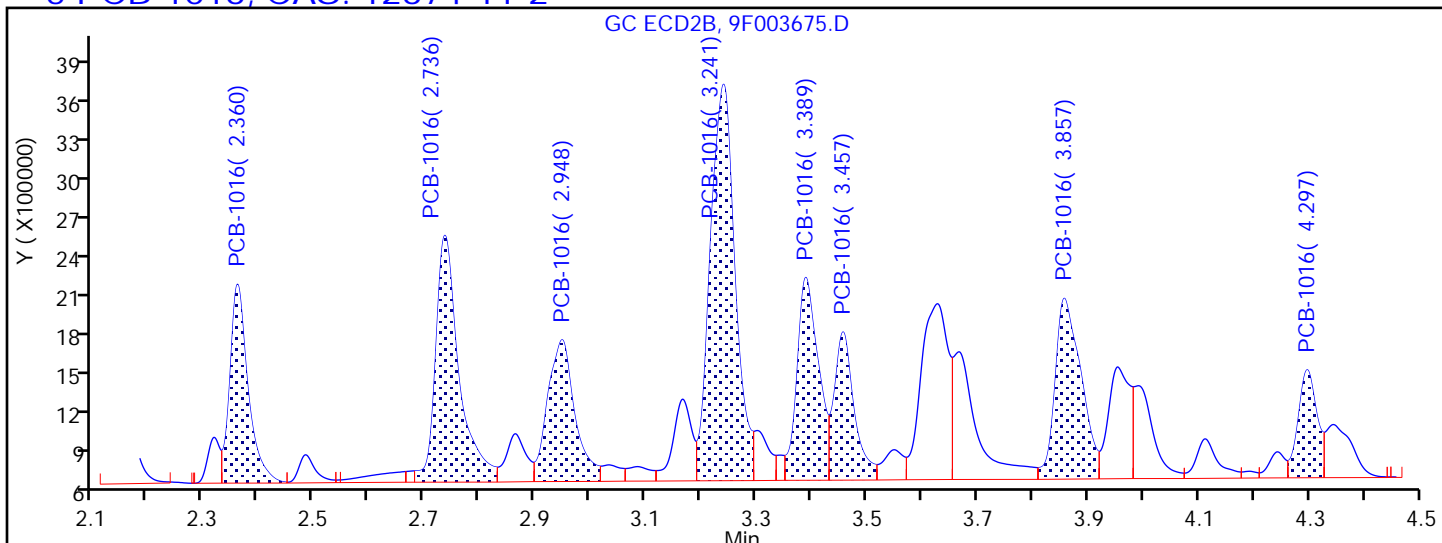
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

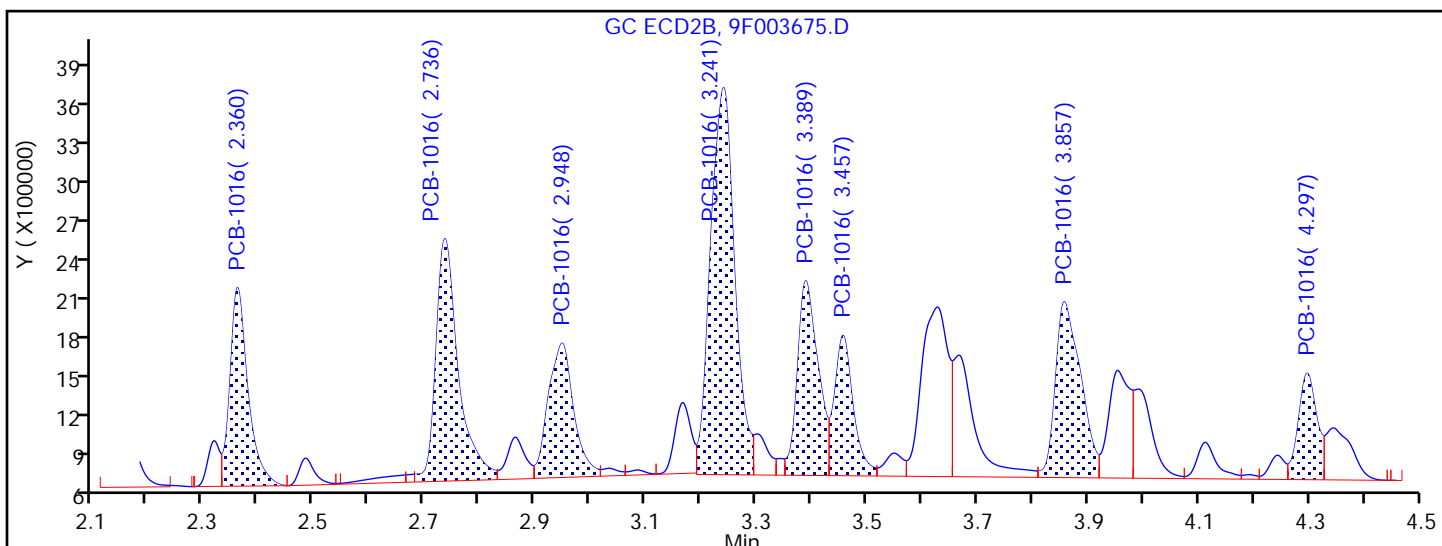
Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.360	Response = 3455442
2.736	Response = 5540200
2.948	Response = 3679907
3.241	Response = 9409990
3.389	Response = 4170514
3.457	Response = 2835002
3.857	Response = 4498314
4.297	Response = 1963811



Manual Integration Results

2.360	Response = 3430351	M
2.736	Response = 5216061	M
2.948	Response = 3262393	M
3.241	Response = 8965009	M
3.389	Response = 3867764	M
3.457	Response = 2528902	M



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D

Injection Date: 28-Feb-2019 01:03:07

Instrument ID: CPESTGC9

Lims ID: LCSD 460-592057/3-A

Client ID:

Operator ID:

ALS Bottle#: 56

Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

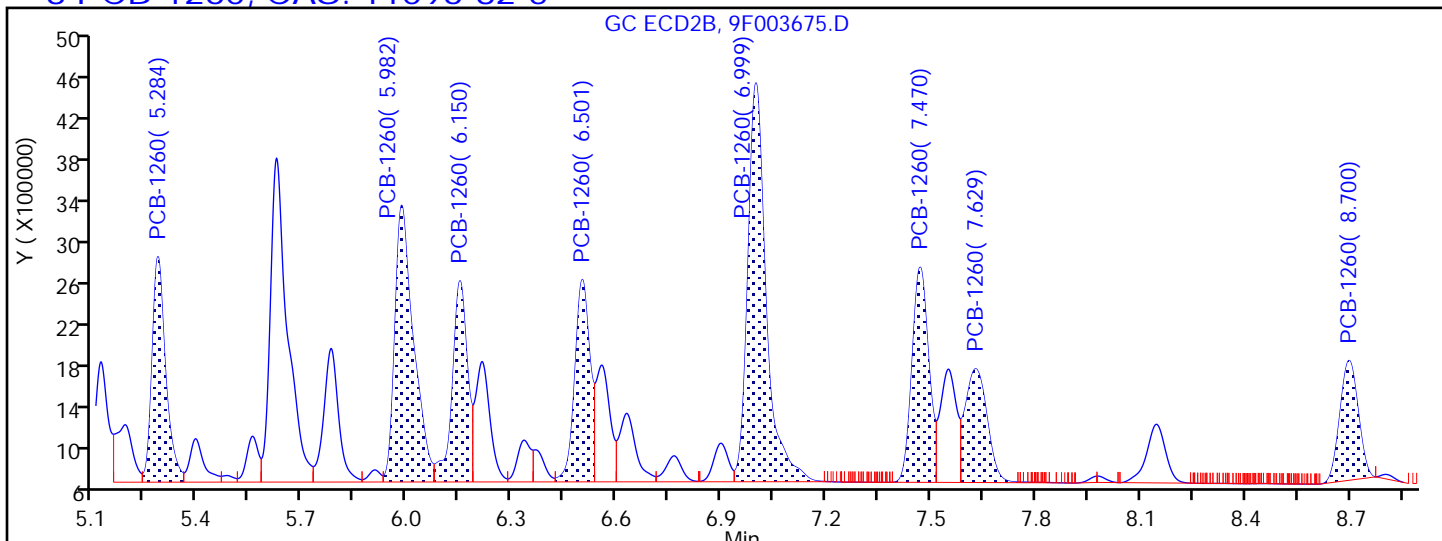
Method: 8082-ISTD

Limit Group: GC 8082A PCB ISTD

Column:

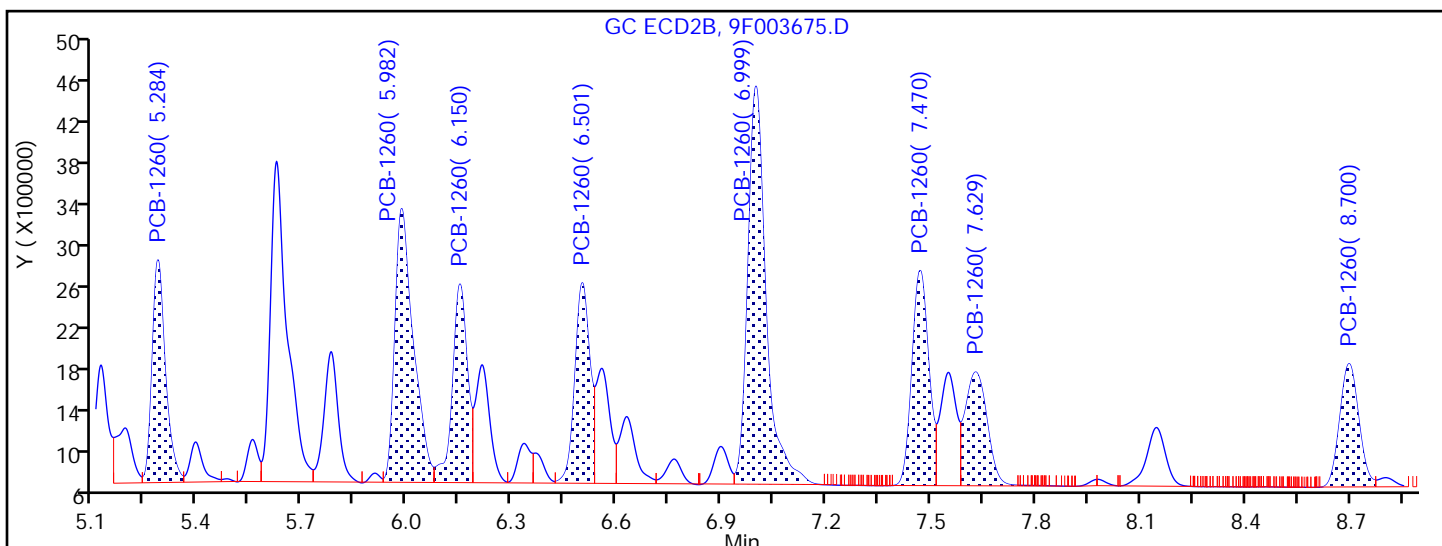
Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.284	Response = 5853890
5.982	Response = 9832260
6.150	Response = 5836916
6.501	Response = 5875027
6.999	Response = 13943221
7.470	Response = 6863858
7.629	Response = 4744139
8.700	Response = 4188188



Manual Integration Results

5.284	Response = 5655463	M
5.982	Response = 9588038	M
6.150	Response = 5668408	M
6.501	Response = 5751570	M
6.999	Response = 13841455	M
7.470	Response = 6863858	M

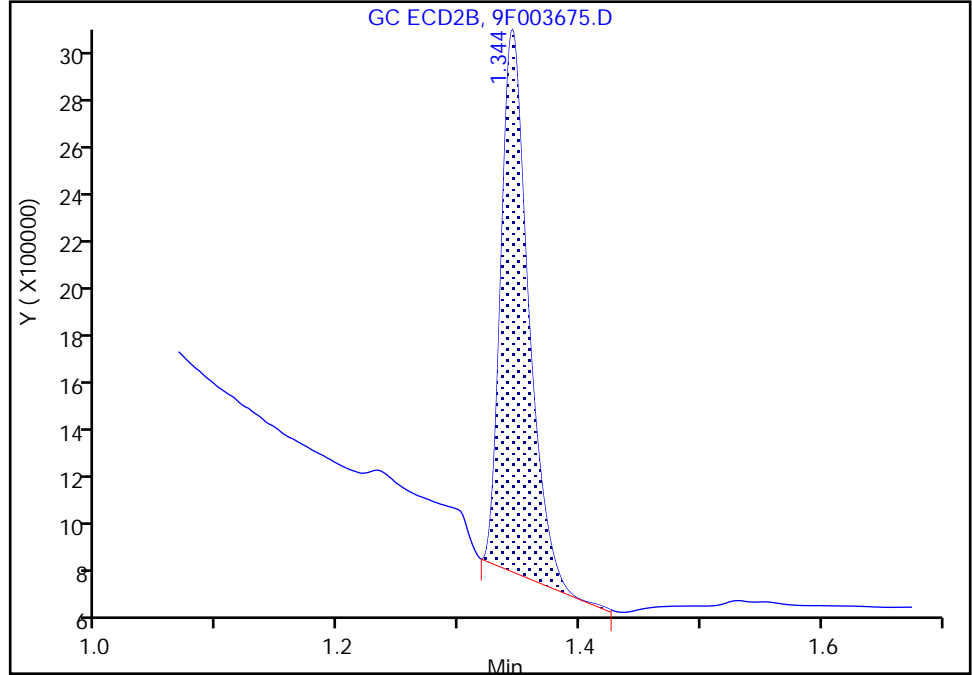
TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC9\20190227-87171.b\9F003675.D  
Injection Date: 28-Feb-2019 01:03:07 Instrument ID: CPESTGC9  
Lims ID: LCSD 460-592057/3-A  
Client ID:  
Operator ID: ALS Bottle#: 56 Worklist Smp#: 8  
Injection Vol: 1.0 ul Dil. Factor: 1.0000  
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD  
Column: Detector GC ECD2B

\* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5  
Signal: 2

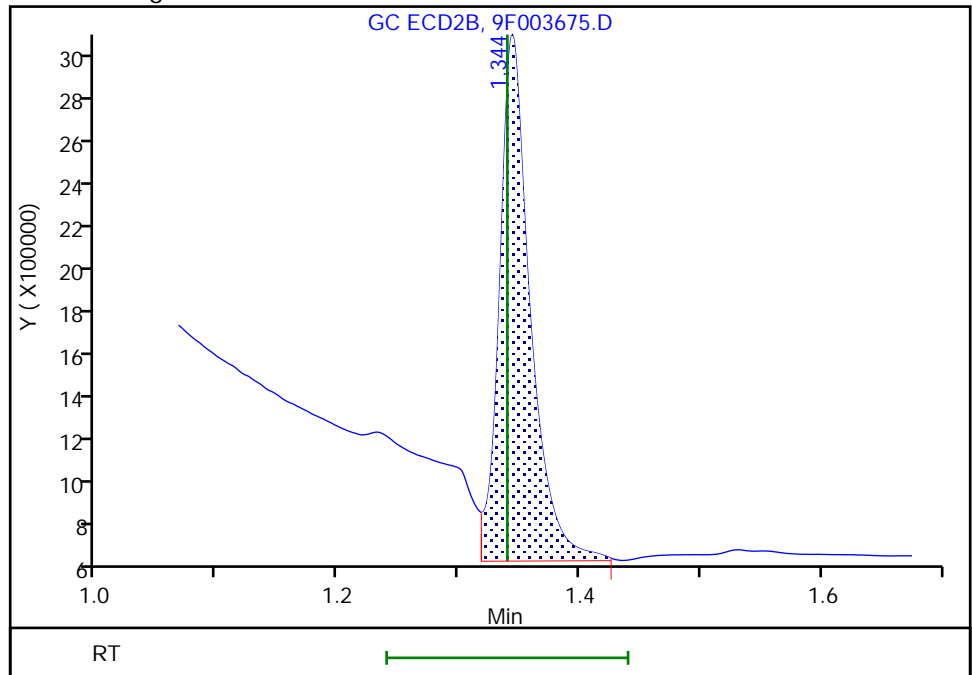
RT: 1.34  
Area: 3511255  
Amount: 20.000000  
Amount Units: ug/l

Processing Integration Results



RT: 1.34  
Area: 4230965  
Amount: 20.000000  
Amount Units: ug/l

Manual Integration Results



Reviewer: guhas, 28-Feb-2019 07:46:50  
Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592174/3-A  
 Matrix: Solid Lab File ID: 8F135762.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.00 (g) Date Analyzed: 02/28/2019 06:44  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	391		67	8.9
11096-82-5	Aroclor 1260	430		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135762.D  
 Lims ID: LCSD 460-592174/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 28-Feb-2019 06:44:10 ALS Bottle#: 8 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-008  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 14:59:24 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 09:33:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	1.415	1.414	0.001	1575417	20.0	20.0	
2	1.397	1.396	0.001	1654803	20.0	20.0	
							RPD = 0.00

\$ 2 Tetrachloro-m-xylene

1	2.270	2.268	0.002	4372976	50.0	52.6	
2	2.060	2.058	0.002	4757784	50.0	42.1	
							RPD = 22.16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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5 PCB-1016

							M
1	2.819	2.819	0.000	1040644	500.0	573.4	
1	3.296	3.296	0.000	2541406	500.0	630.4	
1	3.834	3.834	0.000	4205897	500.0	602.0	
1	3.991	3.993	-0.002	1932325	500.0	617.4	
1	4.109	4.109	0.000	1335509	500.0	609.7	
1	4.556	4.558	-0.002	1370959	500.0	594.2	M
1	4.703	4.704	-0.001	1484587	500.0	551.9	M
1	5.067	5.069	-0.002	1361173	500.0	507.6	M

Average of Peak Amounts = 585.8

2	2.442	2.441	0.001	1313175	500.0	492.4	
2	2.826	2.824	0.002	2734129	500.0	513.2	
2	3.042	3.040	0.002	1714810	500.0	509.3	
2	3.340	3.338	0.002	5233119	500.0	516.8	
2	3.491	3.489	0.002	2091846	500.0	514.1	
2	3.558	3.557	0.001	1316696	500.0	490.5	
2	3.963	3.962	0.001	2270316	500.0	502.4	
2	4.406	4.405	0.001	1036391	500.0	416.7	

Average of Peak Amounts = 494.4

RPD = 16.92

8 PCB-1260

1	5.953	5.953	0.000	1360107	500.0	589.9	
1	6.176	6.176	0.000	3094309	500.0	573.6	
1	6.516	6.515	0.001	3392449	500.0	561.5	
1	7.253	7.253	0.000	2612969	500.0	690.4	
1	7.774	7.774	0.000	2560317	500.0	641.3	
1	8.306	8.307	-0.001	5465961	500.0	619.5	
1	9.061	9.061	0.000	4211076	500.0	659.1	
1	10.069	10.072	-0.003	1794261	500.0	822.0	

Average of Peak Amounts = 644.7

2	5.400	5.397	0.003	3193191	500.0	468.6	
2	6.126	6.124	0.002	5157226	500.0	450.9	
2	6.299	6.296	0.003	3119654	500.0	593.2	
2	6.664	6.660	0.004	3083005	500.0	544.3	
2	7.181	7.177	0.004	7224881	500.0	547.0	
2	7.668	7.664	0.004	3426735	500.0	493.3	
2	7.829	7.827	0.002	2436372	500.0	663.0	
2	8.931	8.927	0.004	2282519	500.0	667.9	

Average of Peak Amounts = 553.5

RPD = 15.21

\$ 11 DCB Decachlorobiphenyl

1	10.666	10.670	-0.004	5312468	50.0	60.5	
2	9.821	9.818	0.003	6428627	50.0	50.5	

RPD = 17.99

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135762.D

Injection Date: 28-Feb-2019 06:44:10

Instrument ID: CPESTGC8

Operator ID:

Lims ID: LCSD 460-592174/3-A

Worklist Smp#: 8

Client ID:

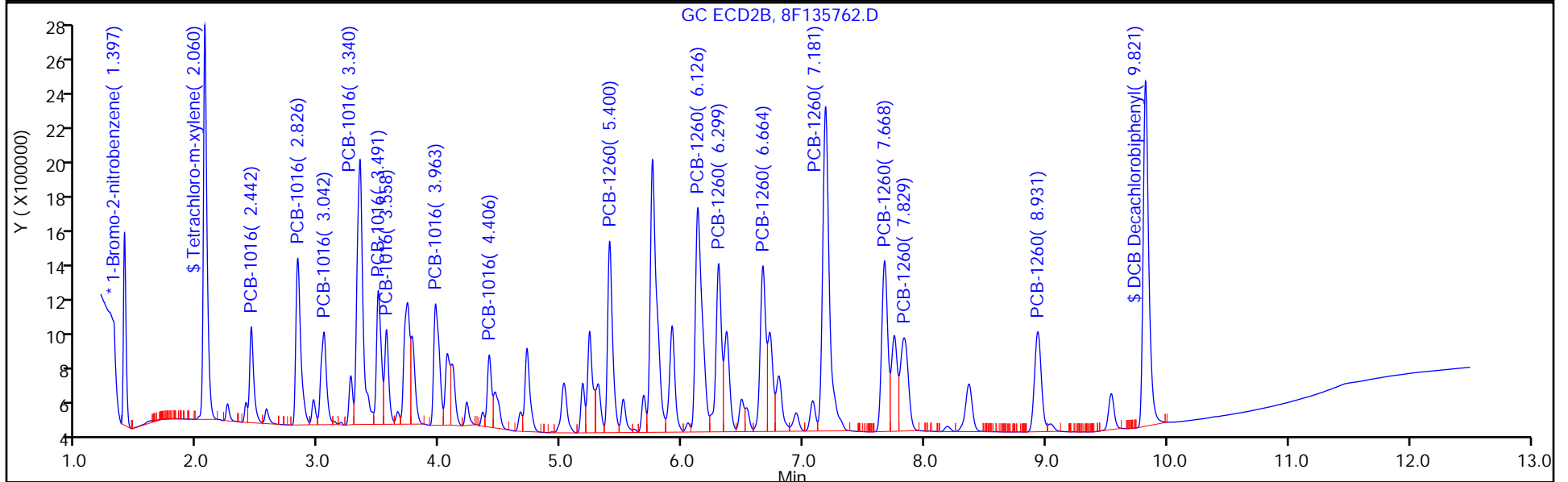
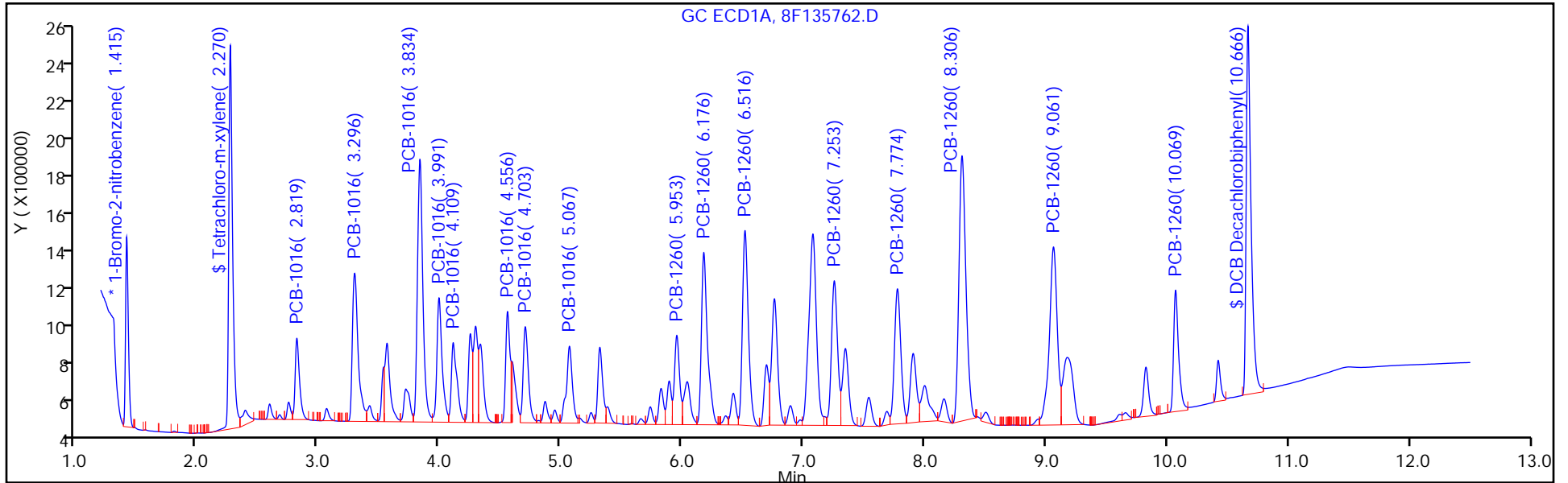
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135762.D

Injection Date: 28-Feb-2019 06:44:10

Instrument ID: CPESTGC8

Lims ID: LCSD 460-592174/3-A

Client ID:

Operator ID:

ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

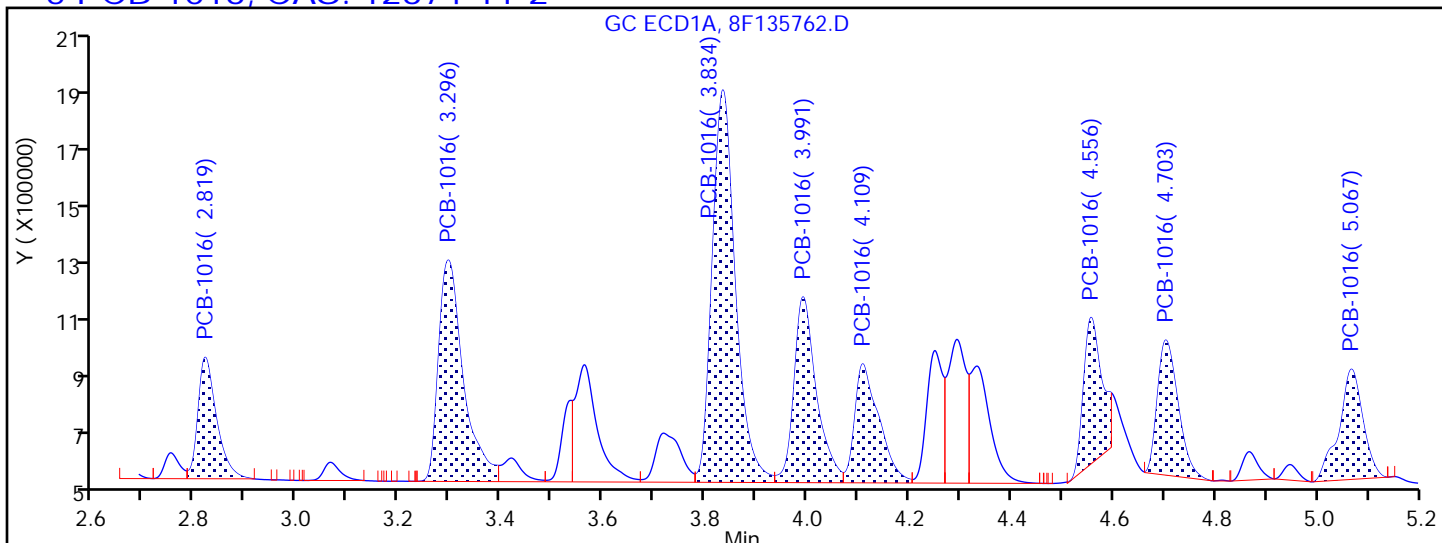
Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD

Column:

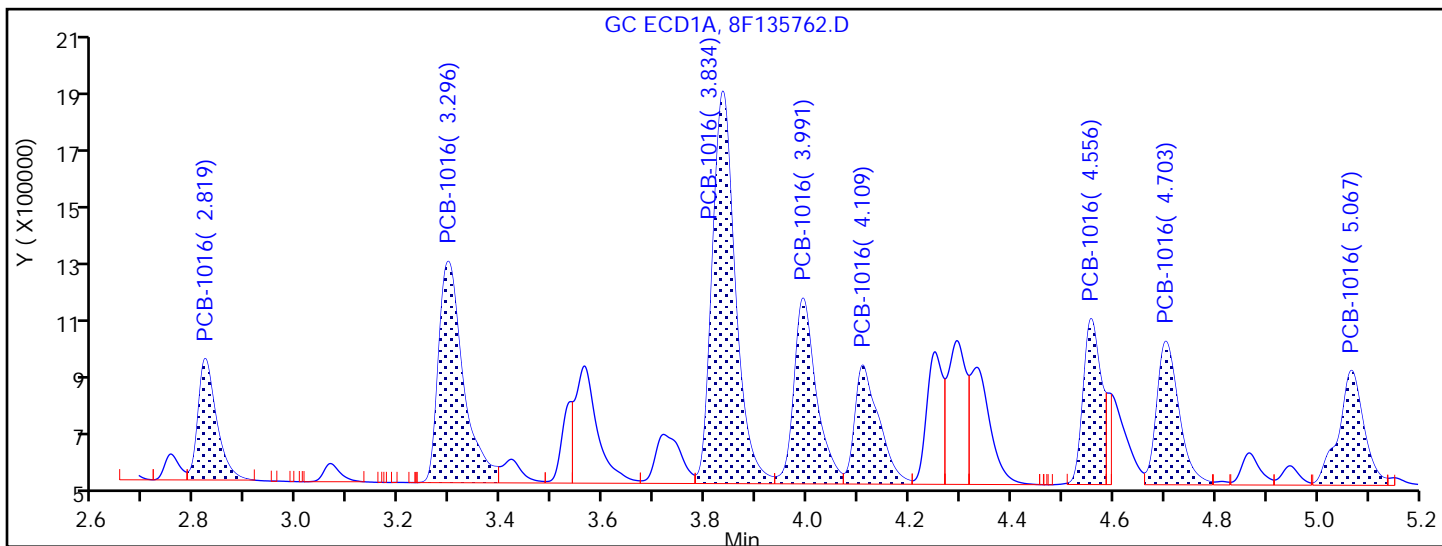
Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.819	Response = 1040644
3.296	Response = 2541406
3.834	Response = 4205897
3.991	Response = 1932325
4.109	Response = 1335509
4.556	Response = 1239670
4.703	Response = 1297083
5.067	Response = 1224672



Manual Integration Results

2.819	Response = 1040644
3.296	Response = 2541406
3.834	Response = 4205897
3.991	Response = 1932325
4.109	Response = 1335509
4.556	Response = 1370959



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-592174/3-A  
 Matrix: Solid Lab File ID: 8F135762.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 02/27/2019 17:50  
 Sample wt/vol: 15.00 (g) Date Analyzed: 02/28/2019 06:44  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
<i>12674-11-2</i>	<i>Aroclor 1016</i>	<i>330</i>		<i>67</i>	<i>8.9</i>
<i>11096-82-5</i>	<i>Aroclor 1260</i>	<i>369</i>		<i>67</i>	<i>9.2</i>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135762.D  
 Lims ID: LCSD 460-592174/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 28-Feb-2019 06:44:10 ALS Bottle#: 8 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087175-008  
 Operator ID: Instrument ID: CPESTGC8  
 Method: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8082ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 28-Feb-2019 14:59:24 Calib Date: 23-Jan-2019 15:28:19  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC8\20190123-85507.b\8F134580.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0328

First Level Reviewer: patelji Date: 28-Feb-2019 09:33:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

\* 13 1-Bromo-2-nitrobenzene

1	1.415	1.414	0.001	1575417	20.0	20.0	
2	1.397	1.396	0.001	1654803	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	2.270	2.268	0.002	4372976	50.0	52.6	
2	2.060	2.058	0.002	4757784	50.0	42.1	
						RPD = 22.16	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

							M
1	2.819	2.819	0.000	1040644	500.0	573.4	
1	3.296	3.296	0.000	2541406	500.0	630.4	
1	3.834	3.834	0.000	4205897	500.0	602.0	
1	3.991	3.993	-0.002	1932325	500.0	617.4	
1	4.109	4.109	0.000	1335509	500.0	609.7	
1	4.556	4.558	-0.002	1370959	500.0	594.2	M
1	4.703	4.704	-0.001	1484587	500.0	551.9	M
1	5.067	5.069	-0.002	1361173	500.0	507.6	M

Average of Peak Amounts = 585.8

2	2.442	2.441	0.001	1313175	500.0	492.4	
2	2.826	2.824	0.002	2734129	500.0	513.2	
2	3.042	3.040	0.002	1714810	500.0	509.3	
2	3.340	3.338	0.002	5233119	500.0	516.8	
2	3.491	3.489	0.002	2091846	500.0	514.1	
2	3.558	3.557	0.001	1316696	500.0	490.5	
2	3.963	3.962	0.001	2270316	500.0	502.4	
2	4.406	4.405	0.001	1036391	500.0	416.7	

Average of Peak Amounts = 494.4

RPD = 16.92

8 PCB-1260

1	5.953	5.953	0.000	1360107	500.0	589.9	
1	6.176	6.176	0.000	3094309	500.0	573.6	
1	6.516	6.515	0.001	3392449	500.0	561.5	
1	7.253	7.253	0.000	2612969	500.0	690.4	
1	7.774	7.774	0.000	2560317	500.0	641.3	
1	8.306	8.307	-0.001	5465961	500.0	619.5	
1	9.061	9.061	0.000	4211076	500.0	659.1	
1	10.069	10.072	-0.003	1794261	500.0	822.0	

Average of Peak Amounts = 644.7

2	5.400	5.397	0.003	3193191	500.0	468.6	
2	6.126	6.124	0.002	5157226	500.0	450.9	
2	6.299	6.296	0.003	3119654	500.0	593.2	
2	6.664	6.660	0.004	3083005	500.0	544.3	
2	7.181	7.177	0.004	7224881	500.0	547.0	
2	7.668	7.664	0.004	3426735	500.0	493.3	
2	7.829	7.827	0.002	2436372	500.0	663.0	
2	8.931	8.927	0.004	2282519	500.0	667.9	

Average of Peak Amounts = 553.5

RPD = 15.21

\$ 11 DCB Decachlorobiphenyl

1	10.666	10.670	-0.004	5312468	50.0	60.5	
2	9.821	9.818	0.003	6428627	50.0	50.5	

RPD = 17.99

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC8\20190228-87175.b\8F135762.D

Injection Date: 28-Feb-2019 06:44:10

Instrument ID: CPESTGC8

Operator ID:

Lims ID: LCSD 460-592174/3-A

Worklist Smp#: 8

Client ID:

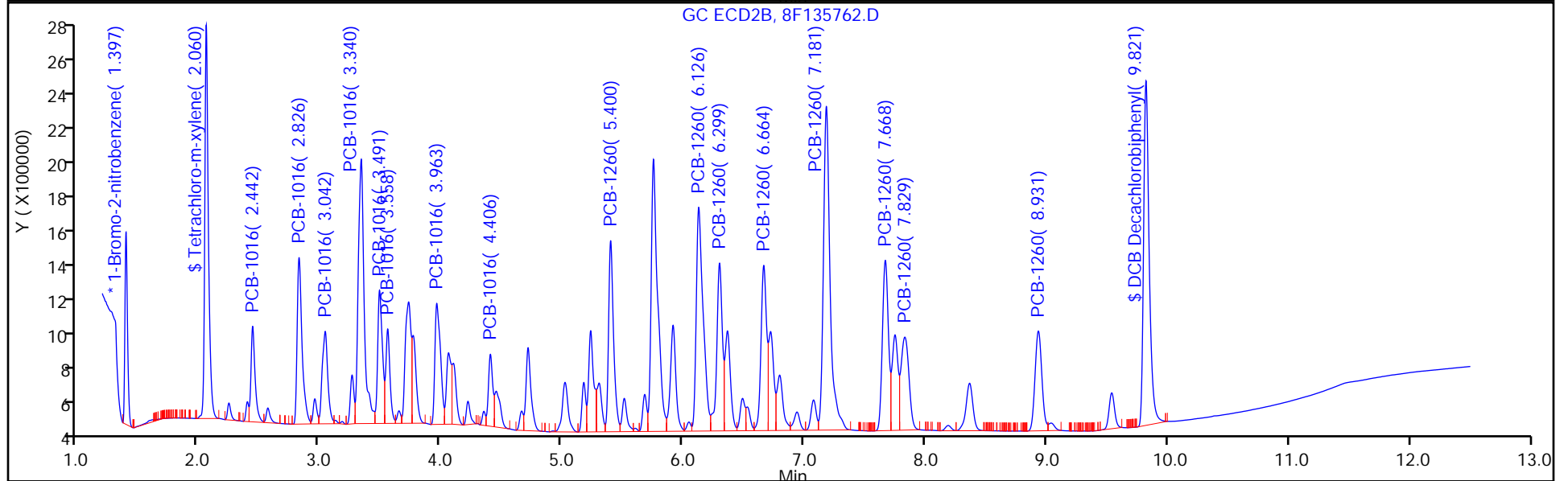
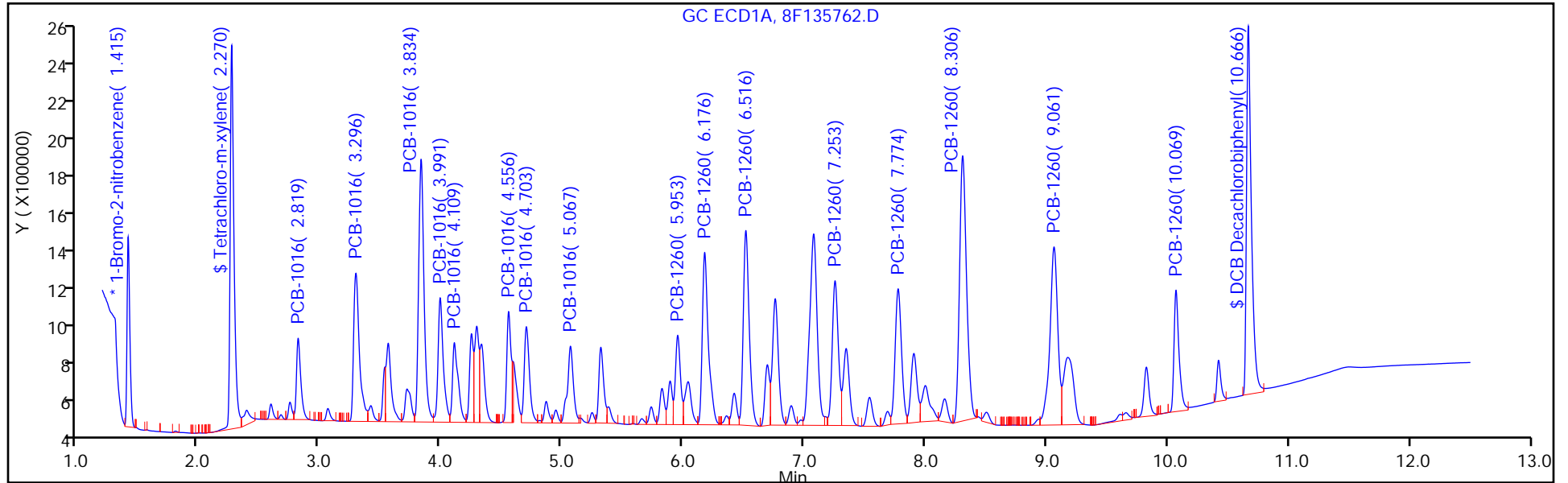
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-593932/3-A  
 Matrix: Solid Lab File ID: 7R002469.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.04(g) Date Analyzed: 03/08/2019 07:18  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	296		67	8.9
11096-82-5	Aroclor 1260	368		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002469.D  
 Lims ID: LCSD 460-593932/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 08-Mar-2019 07:18:31 ALS Bottle#: 86 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-008  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.380	-0.003	85544	20.0	20.0	
2	2.823	2.823	0.000	38505	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.187	5.190	-0.003	101582	50.0	41.2	
2	4.213	4.213	0.000	93320	50.0	44.5	
						RPD = 7.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	6.217	6.217	0.000	20753	500.0	398.9	
1	6.997	7.000	-0.003	30666	500.0	379.1	
1	7.820	7.823	-0.003	90982	500.0	469.5	
1	8.063	8.063	0.000	42653	500.0	580.6	
1	8.240	8.240	0.000	36920	500.0	513.9	
1	8.890	8.890	0.000	28549	500.0	433.0	
1	9.100	9.103	-0.003	37616	500.0	443.3	
1	9.613	9.617	-0.004	25959	500.0	348.9	

Average of Peak Amounts = 445.9

2	4.933	4.933	0.000	25466	500.0	484.8	
2	5.583	5.583	0.000	52293	500.0	509.4	
2	5.930	5.930	0.000	32382	500.0	492.9	
2	6.397	6.397	0.000	95758	500.0	515.1	
2	6.627	6.627	0.000	43185	500.0	511.1	
2	6.730	6.730	0.000	26184	500.0	482.5	
2	7.333	7.333	0.000	43668	500.0	530.9	
2	7.977	7.977	0.000	19929	500.0	391.3	

Average of Peak Amounts = 489.7

RPD = 9.37

8 PCB-1260

1	10.850	10.853	-0.003	95416	500.0	512.4	
1	11.190	11.193	-0.003	154044	500.0	516.5	
1	11.707	11.703	0.004	225986	500.0	503.8	
1	12.957	12.960	-0.003	177810	500.0	578.6	
1	13.747	13.747	0.000	160936	500.0	576.1	
1	14.410	14.413	-0.003	317565	500.0	548.2	
1	15.243	15.247	-0.004	222481	500.0	543.1	
1	16.343	16.343	0.000	82656	500.0	652.1	

Average of Peak Amounts = 553.8

2	9.367	9.367	0.000	61771	500.0	497.1	
2	10.273	10.273	0.000	96765	500.0	456.4	
2	10.487	10.487	0.000	58576	500.0	581.6	
2	10.943	10.947	-0.004	58239	500.0	533.2	
2	11.643	11.643	0.000	133364	500.0	551.5	
2	12.350	12.353	-0.003	63694	500.0	494.4	
2	12.613	12.613	0.000	43396	500.0	667.4	
2	14.073	14.073	0.000	37924	500.0	643.6	

Average of Peak Amounts = 553.2

RPD = 0.12

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	169863	50.0	47.6	
2	15.177	15.177	0.000	123990	50.0	52.3	

RPD = 9.45

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002469.D

Injection Date: 08-Mar-2019 07:18:31

Instrument ID: CPESTGC7

Operator ID:

Lims ID: LCSD 460-593932/3-A

Worklist Smp#: 8

Client ID:

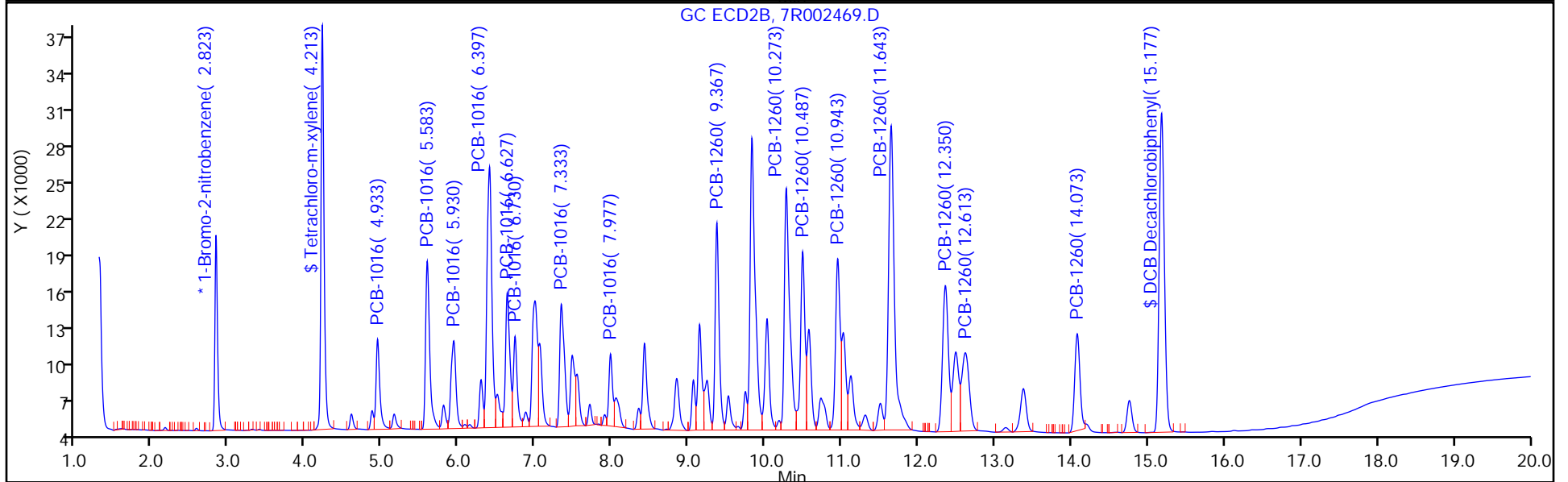
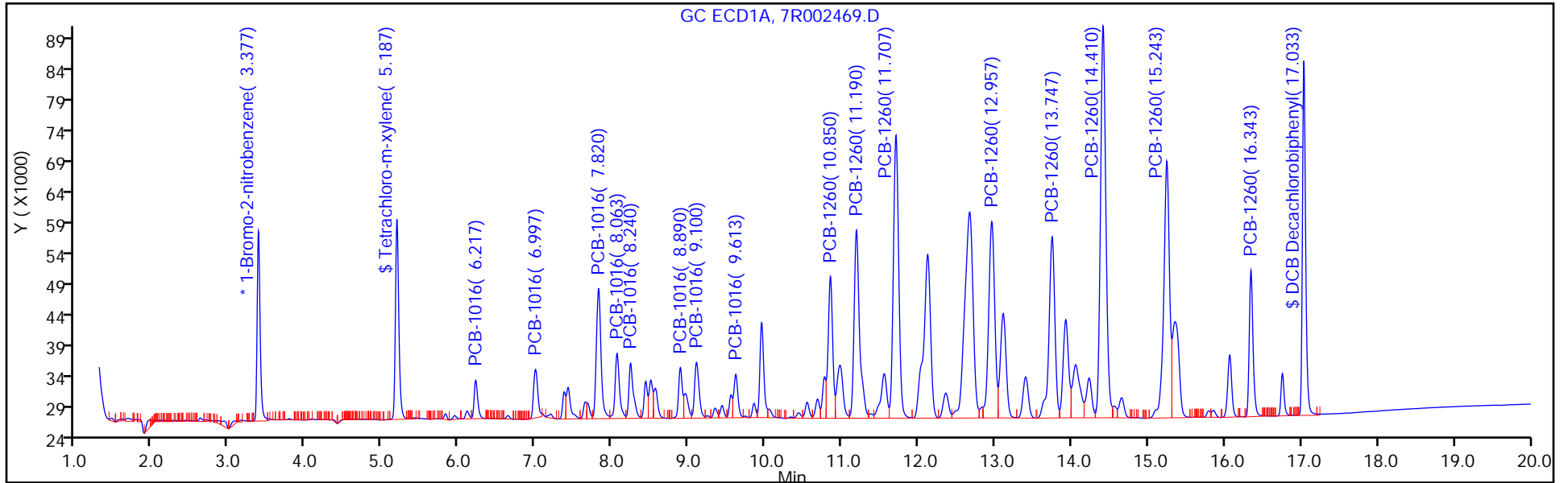
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 86

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-593932/3-A  
 Matrix: Solid Lab File ID: 7R002469.D  
 Analysis Method: 8082A Date Collected: \_\_\_\_\_  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.04(g) Date Analyzed: 03/08/2019 07:18  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: \_\_\_\_\_ GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	326		67	8.9
11096-82-5	Aroclor 1260	368		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		53-150

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002469.D  
 Lims ID: LCSD 460-593932/3-A  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 08-Mar-2019 07:18:31 ALS Bottle#: 86 Worklist Smp#: 8  
 Injection Vol: 1.0 ul Dil. Factor: 1.0000  
 Sample Info: 460-0087574-008  
 Operator ID: Instrument ID: CPESTGC7  
 Method: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\8082.ISTD.m  
 Limit Group: GC 8082A PCB ISTD  
 Last Update: 08-Mar-2019 16:33:30 Calib Date: 21-Jan-2019 22:09:00  
 Integrator: Falcon  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromna\Edison\ChromData\CPESTGC7\20190121-85397.b\7R001220.D  
 Column 1 : Det: GC ECD1A  
 Column 2 : Det: GC ECD2B  
 Process Host: CTX0307

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\* 13 1-Bromo-2-nitrobenzene

1	3.377	3.380	-0.003	85544	20.0	20.0	
2	2.823	2.823	0.000	38505	20.0	20.0	
						RPD = 0.00	

\$ 2 Tetrachloro-m-xylene

1	5.187	5.190	-0.003	101582	50.0	41.2	
2	4.213	4.213	0.000	93320	50.0	44.5	
						RPD = 7.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

5 PCB-1016

1	6.217	6.217	0.000	20753	500.0	398.9	
1	6.997	7.000	-0.003	30666	500.0	379.1	
1	7.820	7.823	-0.003	90982	500.0	469.5	
1	8.063	8.063	0.000	42653	500.0	580.6	
1	8.240	8.240	0.000	36920	500.0	513.9	
1	8.890	8.890	0.000	28549	500.0	433.0	
1	9.100	9.103	-0.003	37616	500.0	443.3	
1	9.613	9.617	-0.004	25959	500.0	348.9	

Average of Peak Amounts = 445.9

2	4.933	4.933	0.000	25466	500.0	484.8	
2	5.583	5.583	0.000	52293	500.0	509.4	
2	5.930	5.930	0.000	32382	500.0	492.9	
2	6.397	6.397	0.000	95758	500.0	515.1	
2	6.627	6.627	0.000	43185	500.0	511.1	
2	6.730	6.730	0.000	26184	500.0	482.5	
2	7.333	7.333	0.000	43668	500.0	530.9	
2	7.977	7.977	0.000	19929	500.0	391.3	

Average of Peak Amounts = 489.7

RPD = 9.37

8 PCB-1260

1	10.850	10.853	-0.003	95416	500.0	512.4	
1	11.190	11.193	-0.003	154044	500.0	516.5	
1	11.707	11.703	0.004	225986	500.0	503.8	
1	12.957	12.960	-0.003	177810	500.0	578.6	
1	13.747	13.747	0.000	160936	500.0	576.1	
1	14.410	14.413	-0.003	317565	500.0	548.2	
1	15.243	15.247	-0.004	222481	500.0	543.1	
1	16.343	16.343	0.000	82656	500.0	652.1	

Average of Peak Amounts = 553.8

2	9.367	9.367	0.000	61771	500.0	497.1	
2	10.273	10.273	0.000	96765	500.0	456.4	
2	10.487	10.487	0.000	58576	500.0	581.6	
2	10.943	10.947	-0.004	58239	500.0	533.2	
2	11.643	11.643	0.000	133364	500.0	551.5	
2	12.350	12.353	-0.003	63694	500.0	494.4	
2	12.613	12.613	0.000	43396	500.0	667.4	
2	14.073	14.073	0.000	37924	500.0	643.6	

Average of Peak Amounts = 553.2

RPD = 0.12

\$ 11 DCB Decachlorobiphenyl

1	17.033	17.033	0.000	169863	50.0	47.6	
2	15.177	15.177	0.000	123990	50.0	52.3	

RPD = 9.45

Reagents:

SGPCBISTD\_00013

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CPESTGC7\20190308-87574.b\7R002469.D

Injection Date: 08-Mar-2019 07:18:31

Instrument ID: CPESTGC7

Operator ID:

Lims ID: LCSD 460-593932/3-A

Worklist Smp#: 8

Client ID:

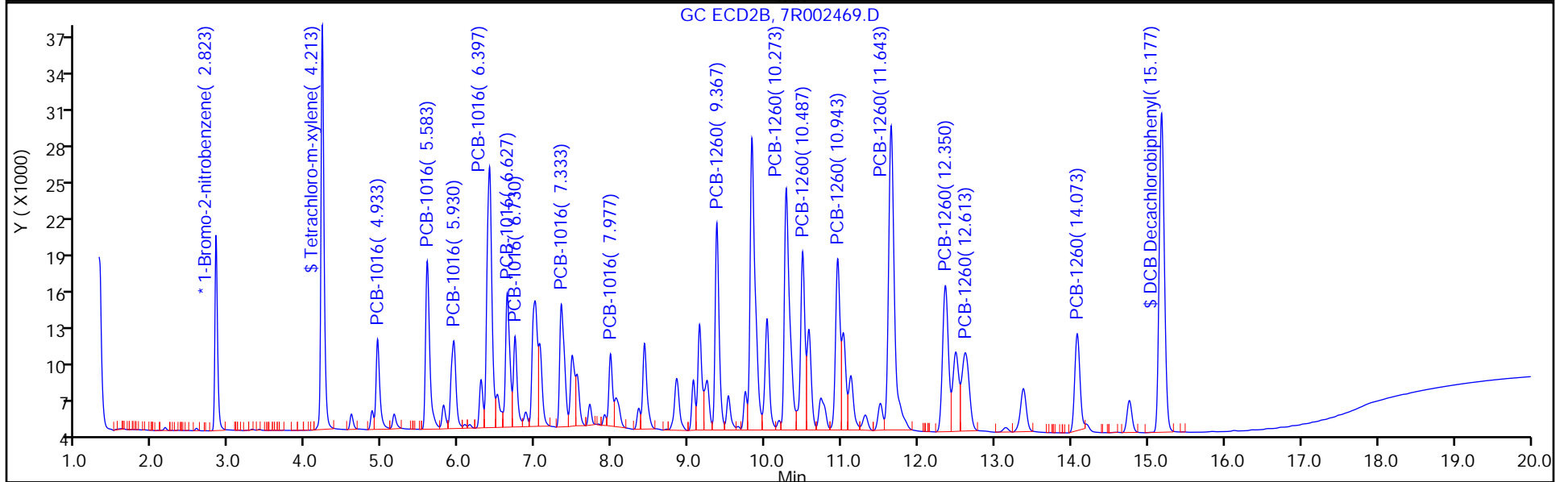
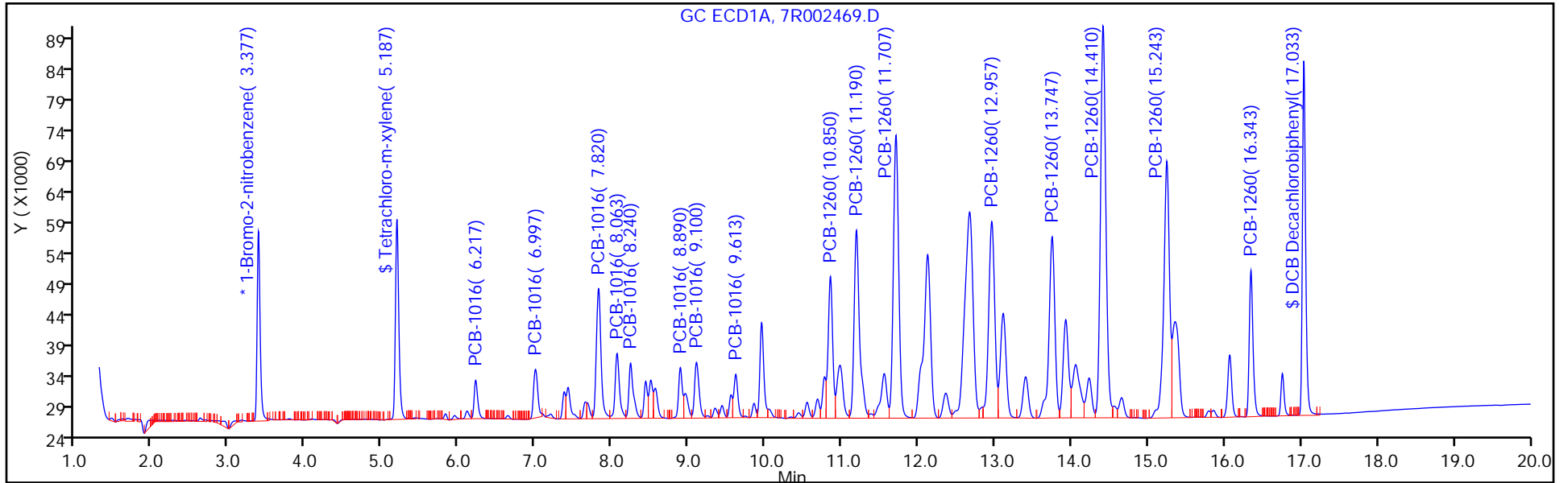
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 86

Method: 8082.ISTD

Limit Group: GC 8082A PCB ISTD



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-WT@7.5-8 MS Lab Sample ID: 460-176080-3 MS  
 Matrix: Solid Lab File ID: T155879.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 08:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 02:21  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: 11.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	414		76	10
11104-28-2	Aroclor 1221	10	U	76	10
11141-16-5	Aroclor 1232	10	U	76	10
53469-21-9	Aroclor 1242	10	U	76	10
12672-29-6	Aroclor 1248	10	U	76	10
11097-69-1	Aroclor 1254	10	U	76	10
11096-82-5	Aroclor 1260	444		76	10
37324-23-5	Aroclor 1262	10	U	76	10
11100-14-4	Aroclor 1268	10	U	76	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-WT@7.5-8 MS Lab Sample ID: 460-176080-3 MS  
 Matrix: Solid Lab File ID: T155879.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 08:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.02(g) Date Analyzed: 02/28/2019 02:21  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)  
 % Moisture: 11.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	471		76	10
11104-28-2	Aroclor 1221	10	U	76	10
11141-16-5	Aroclor 1232	10	U	76	10
53469-21-9	Aroclor 1242	10	U	76	10
12672-29-6	Aroclor 1248	10	U	76	10
11097-69-1	Aroclor 1254	10	U	76	10
11096-82-5	Aroclor 1260	531		76	10
37324-23-5	Aroclor 1262	10	U	76	10
11100-14-4	Aroclor 1268	10	U	76	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VD@3-3.5 MS Lab Sample ID: 460-176080-42 MS  
 Matrix: Solid Lab File ID: 9F003676.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:18  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 01:19  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 5.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	458		71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	485		71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		53-150



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VD@3-3.5 MS Lab Sample ID: 460-176080-42 MS  
 Matrix: Solid Lab File ID: 9F003676.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:18  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 01:19  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 5.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	514		71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	533		71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: 460-176621-E-9-D MS  
 Matrix: Solid Lab File ID: 7R002471.D  
 Analysis Method: 8082A Date Collected: 03/06/2019 12:04  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.03(g) Date Analyzed: 03/08/2019 08:05  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 9.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	327		74	9.8
11104-28-2	Aroclor 1221	9.8	U	74	9.8
11141-16-5	Aroclor 1232	9.8	U	74	9.8
53469-21-9	Aroclor 1242	9.8	U	74	9.8
12672-29-6	Aroclor 1248	9.8	U	74	9.8
11097-69-1	Aroclor 1254	10	U	74	10
11096-82-5	Aroclor 1260	410		74	10
37324-23-5	Aroclor 1262	10	U	74	10
11100-14-4	Aroclor 1268	10	U	74	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: 460-176621-E-9-D MS  
 Matrix: Solid Lab File ID: 7R002471.D  
 Analysis Method: 8082A Date Collected: 03/06/2019 12:04  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.03(g) Date Analyzed: 03/08/2019 08:05  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)  
 % Moisture: 9.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	372		74	9.8
11104-28-2	Aroclor 1221	9.8	U	74	9.8
11141-16-5	Aroclor 1232	9.8	U	74	9.8
53469-21-9	Aroclor 1242	9.8	U	74	9.8
12672-29-6	Aroclor 1248	9.8	U	74	9.8
11097-69-1	Aroclor 1254	10	U	74	10
11096-82-5	Aroclor 1260	419		74	10
37324-23-5	Aroclor 1262	10	U	74	10
11100-14-4	Aroclor 1268	10	U	74	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-WT@7.5-8 MSD Lab Sample ID: 460-176080-3 MSD  
 Matrix: Solid Lab File ID: T155880.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 08:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 02:38  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 11.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	362		76	10
11104-28-2	Aroclor 1221	10	U	76	10
11141-16-5	Aroclor 1232	10	U	76	10
53469-21-9	Aroclor 1242	10	U	76	10
12672-29-6	Aroclor 1248	10	U	76	10
11097-69-1	Aroclor 1254	10	U	76	10
11096-82-5	Aroclor 1260	390		76	10
37324-23-5	Aroclor 1262	10	U	76	10
11100-14-4	Aroclor 1268	10	U	76	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B1-WT@7.5-8 MSD Lab Sample ID: 460-176080-3 MSD  
 Matrix: Solid Lab File ID: T155880.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 08:40  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:41  
 Sample wt/vol: 15.01(g) Date Analyzed: 02/28/2019 02:38  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 11.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592235 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	364		76	10
11104-28-2	Aroclor 1221	10	U	76	10
11141-16-5	Aroclor 1232	10	U	76	10
53469-21-9	Aroclor 1242	10	U	76	10
12672-29-6	Aroclor 1248	10	U	76	10
11097-69-1	Aroclor 1254	10	U	76	10
11096-82-5	Aroclor 1260	418		76	10
37324-23-5	Aroclor 1262	10	U	76	10
11100-14-4	Aroclor 1268	10	U	76	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VD@3-3.5 MSD Lab Sample ID: 460-176080-42 MSD  
 Matrix: Solid Lab File ID: 9F003677.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:18  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 01:36  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)  
 % Moisture: 5.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	434		71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	458		71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: PRA-B9-VD@3-3.5 MSD Lab Sample ID: 460-176080-42 MSD  
 Matrix: Solid Lab File ID: 9F003677.D  
 Analysis Method: 8082A Date Collected: 02/22/2019 11:18  
 Extraction Method: 3546 Date Extracted: 02/27/2019 08:49  
 Sample wt/vol: 15.04(g) Date Analyzed: 02/28/2019 01:36  
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1  
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)  
 % Moisture: 5.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 592236 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	420		71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	475		71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		53-150

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: 460-176621-E-9-E MSD  
 Matrix: Solid Lab File ID: 7R002472.D  
 Analysis Method: 8082A Date Collected: 03/06/2019 12:04  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.02(g) Date Analyzed: 03/08/2019 08:28  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)  
 % Moisture: 9.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	364		74	9.9
11104-28-2	Aroclor 1221	9.9	U	74	9.9
11141-16-5	Aroclor 1232	9.9	U	74	9.9
53469-21-9	Aroclor 1242	9.9	U	74	9.9
12672-29-6	Aroclor 1248	9.9	U	74	9.9
11097-69-1	Aroclor 1254	10	U	74	10
11096-82-5	Aroclor 1260	449		74	10
37324-23-5	Aroclor 1262	10	U	74	10
11100-14-4	Aroclor 1268	10	U	74	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		53-150



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: 460-176621-E-9-E MSD  
 Matrix: Solid Lab File ID: 7R002472.D  
 Analysis Method: 8082A Date Collected: 03/06/2019 12:04  
 Extraction Method: 3546 Date Extracted: 03/07/2019 17:57  
 Sample wt/vol: 15.02(g) Date Analyzed: 03/08/2019 08:28  
 Con. Extract Vol.: 10(mL) Dilution Factor: 1  
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)  
 % Moisture: 9.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 594003 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	413		74	9.9
11104-28-2	Aroclor 1221	9.9	U	74	9.9
11141-16-5	Aroclor 1232	9.9	U	74	9.9
53469-21-9	Aroclor 1242	9.9	U	74	9.9
12672-29-6	Aroclor 1248	9.9	U	74	9.9
11097-69-1	Aroclor 1254	10	U	74	10
11096-82-5	Aroclor 1260	468		74	10
37324-23-5	Aroclor 1262	10	U	74	10
11100-14-4	Aroclor 1268	10	U	74	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		53-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 Start Date: 02/04/2019 18:10

Analysis Batch Number: 587126 End Date: 02/04/2019 21:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/04/2019 18:10	1		CLP-2 0.53 (mm)
ZZZZZ		02/04/2019 18:10	1		Rtx-CLP 0.53 (mm)
IC 460-587126/2 ICIS		02/04/2019 18:27	1	T154841.D	CLP-2 0.53 (mm)
IC 460-587126/2 ICIS		02/04/2019 18:27	1	T154841.D	Rtx-CLP 0.53 (mm)
IC 460-587126/3		02/04/2019 18:44	1	T154842.D	CLP-2 0.53 (mm)
IC 460-587126/3		02/04/2019 18:44	1	T154842.D	Rtx-CLP 0.53 (mm)
IC 460-587126/4		02/04/2019 19:02	1	T154843.D	CLP-2 0.53 (mm)
IC 460-587126/4		02/04/2019 19:02	1	T154843.D	Rtx-CLP 0.53 (mm)
IC 460-587126/5		02/04/2019 19:19	1	T154844.D	CLP-2 0.53 (mm)
IC 460-587126/5		02/04/2019 19:19	1	T154844.D	Rtx-CLP 0.53 (mm)
IC 460-587126/6		02/04/2019 19:36	1	T154845.D	CLP-2 0.53 (mm)
IC 460-587126/6		02/04/2019 19:36	1	T154845.D	Rtx-CLP 0.53 (mm)
ICV 460-587126/7		02/04/2019 19:53	1		CLP-2 0.53 (mm)
ICV 460-587126/7		02/04/2019 19:53	1		Rtx-CLP 0.53 (mm)
IC 460-587126/8		02/04/2019 20:10	1	T154847.D	CLP-2 0.53 (mm)
IC 460-587126/8		02/04/2019 20:10	1	T154847.D	Rtx-CLP 0.53 (mm)
IC 460-587126/9		02/04/2019 20:27	1	T154848.D	CLP-2 0.53 (mm)
IC 460-587126/9		02/04/2019 20:27	1	T154848.D	Rtx-CLP 0.53 (mm)
IC 460-587126/10		02/04/2019 20:45	1	T154849.D	CLP-2 0.53 (mm)
IC 460-587126/10		02/04/2019 20:45	1	T154849.D	Rtx-CLP 0.53 (mm)
IC 460-587126/11		02/04/2019 21:02	1	T154850.D	CLP-2 0.53 (mm)
IC 460-587126/11		02/04/2019 21:02	1	T154850.D	Rtx-CLP 0.53 (mm)
IC 460-587126/12		02/04/2019 21:19	1	T154851.D	CLP-2 0.53 (mm)
IC 460-587126/12		02/04/2019 21:19	1	T154851.D	Rtx-CLP 0.53 (mm)
IC 460-587126/13		02/04/2019 21:36	1	T154852.D	CLP-2 0.53 (mm)
IC 460-587126/13		02/04/2019 21:36	1	T154852.D	Rtx-CLP 0.53 (mm)
IC 460-587126/14		02/04/2019 21:53	1	T154853.D	CLP-2 0.53 (mm)
IC 460-587126/14		02/04/2019 21:53	1	T154853.D	Rtx-CLP 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 Start Date: 02/28/2019 00:04

Analysis Batch Number: 592235 End Date: 02/28/2019 20:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/28/2019 00:04	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 00:04	1		Rtx-CLP 0.53 (mm)
CCVIS 460-592235/2		02/28/2019 00:21	1	T155872.D	CLP-2 0.53 (mm)
CCVIS 460-592235/2		02/28/2019 00:21	1	T155872.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 00:38	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 00:38	1		Rtx-CLP 0.53 (mm)
CCV 460-592235/4		02/28/2019 00:55	1	T155874.D	CLP-2 0.53 (mm)
CCV 460-592235/4		02/28/2019 00:55	1	T155874.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 01:12	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 01:12	1		Rtx-CLP 0.53 (mm)
MB 460-592055/1-A		02/28/2019 01:30	1	T155876.D	CLP-2 0.53 (mm)
MB 460-592055/1-A		02/28/2019 01:30	1	T155876.D	Rtx-CLP 0.53 (mm)
LCS 460-592055/2-A		02/28/2019 01:47	1	T155877.D	CLP-2 0.53 (mm)
LCS 460-592055/2-A		02/28/2019 01:47	1	T155877.D	Rtx-CLP 0.53 (mm)
LCSD 460-592055/3-A		02/28/2019 02:04	1	T155878.D	CLP-2 0.53 (mm)
LCSD 460-592055/3-A		02/28/2019 02:04	1	T155878.D	Rtx-CLP 0.53 (mm)
460-176080-3 MS		02/28/2019 02:21	1	T155879.D	CLP-2 0.53 (mm)
460-176080-3 MS		02/28/2019 02:21	1	T155879.D	Rtx-CLP 0.53 (mm)
460-176080-3 MSD		02/28/2019 02:38	1	T155880.D	CLP-2 0.53 (mm)
460-176080-3 MSD		02/28/2019 02:38	1	T155880.D	Rtx-CLP 0.53 (mm)
460-176080-3		02/28/2019 02:55	1	T155881.D	CLP-2 0.53 (mm)
460-176080-3		02/28/2019 02:55	1	T155881.D	Rtx-CLP 0.53 (mm)
460-176080-1		02/28/2019 03:12	1	T155882.D	CLP-2 0.53 (mm)
460-176080-1		02/28/2019 03:12	1	T155882.D	Rtx-CLP 0.53 (mm)
460-176080-2		02/28/2019 03:30	1	T155883.D	CLP-2 0.53 (mm)
460-176080-2		02/28/2019 03:30	1	T155883.D	Rtx-CLP 0.53 (mm)
460-176080-6		02/28/2019 03:47	1	T155884.D	CLP-2 0.53 (mm)
460-176080-6		02/28/2019 03:47	1	T155884.D	Rtx-CLP 0.53 (mm)
460-176080-7		02/28/2019 04:04	1	T155885.D	CLP-2 0.53 (mm)
460-176080-7		02/28/2019 04:04	1	T155885.D	Rtx-CLP 0.53 (mm)
460-176080-8		02/28/2019 04:21	1	T155886.D	CLP-2 0.53 (mm)
460-176080-8		02/28/2019 04:21	1	T155886.D	Rtx-CLP 0.53 (mm)
460-176080-11		02/28/2019 04:38	1	T155887.D	CLP-2 0.53 (mm)
460-176080-11		02/28/2019 04:38	1	T155887.D	Rtx-CLP 0.53 (mm)
460-176080-16		02/28/2019 04:55	1	T155888.D	CLP-2 0.53 (mm)
460-176080-16		02/28/2019 04:55	1	T155888.D	Rtx-CLP 0.53 (mm)
460-176080-17		02/28/2019 05:13	1	T155889.D	CLP-2 0.53 (mm)
460-176080-17		02/28/2019 05:13	1	T155889.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 05:30	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 05:30	1		Rtx-CLP 0.53 (mm)
460-176080-19		02/28/2019 05:47	1	T155891.D	CLP-2 0.53 (mm)
460-176080-19		02/28/2019 05:47	1	T155891.D	Rtx-CLP 0.53 (mm)
460-176080-20		02/28/2019 06:04	1	T155892.D	CLP-2 0.53 (mm)
460-176080-20		02/28/2019 06:04	1	T155892.D	Rtx-CLP 0.53 (mm)
460-176080-21		02/28/2019 06:21	1	T155893.D	CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 Start Date: 02/28/2019 00:04

Analysis Batch Number: 592235 End Date: 02/28/2019 20:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-176080-21		02/28/2019 06:21	1	T155893.D	Rtx-CLP 0.53 (mm)
460-176080-22		02/28/2019 06:38	1	T155894.D	CLP-2 0.53 (mm)
460-176080-22		02/28/2019 06:38	1	T155894.D	Rtx-CLP 0.53 (mm)
460-176080-23		02/28/2019 06:56	1	T155895.D	CLP-2 0.53 (mm)
460-176080-23		02/28/2019 06:56	1	T155895.D	Rtx-CLP 0.53 (mm)
460-176080-24		02/28/2019 07:13	1	T155896.D	CLP-2 0.53 (mm)
460-176080-24		02/28/2019 07:13	1	T155896.D	Rtx-CLP 0.53 (mm)
460-176080-25		02/28/2019 07:30	1	T155897.D	CLP-2 0.53 (mm)
460-176080-25		02/28/2019 07:30	1	T155897.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 07:47	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 07:47	1		Rtx-CLP 0.53 (mm)
460-176080-27		02/28/2019 08:04	1	T155899.D	CLP-2 0.53 (mm)
460-176080-27		02/28/2019 08:04	1	T155899.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 08:22	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 08:22	1		Rtx-CLP 0.53 (mm)
460-176080-18		02/28/2019 08:39	2	T155901.D	CLP-2 0.53 (mm)
460-176080-18		02/28/2019 08:39	2	T155901.D	Rtx-CLP 0.53 (mm)
CCV 460-592235/32		02/28/2019 08:56	1	T155902.D	CLP-2 0.53 (mm)
CCV 460-592235/32		02/28/2019 08:56	1	T155902.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 09:13	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 09:13	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 09:46	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 09:46	1		Rtx-CLP 0.53 (mm)
460-176080-26		02/28/2019 10:33	2	T155905.D	CLP-2 0.53 (mm)
460-176080-26		02/28/2019 10:33	2	T155905.D	Rtx-CLP 0.53 (mm)
460-176080-28		02/28/2019 10:50	10	T155906.D	CLP-2 0.53 (mm)
460-176080-28		02/28/2019 10:50	10	T155906.D	Rtx-CLP 0.53 (mm)
460-176080-33		02/28/2019 11:30	50	T155907.D	CLP-2 0.53 (mm)
460-176080-33		02/28/2019 11:30	50	T155907.D	Rtx-CLP 0.53 (mm)
460-176080-38		02/28/2019 11:48	50	T155908.D	CLP-2 0.53 (mm)
460-176080-38		02/28/2019 11:48	50	T155908.D	Rtx-CLP 0.53 (mm)
460-176080-43		02/28/2019 12:05	10	T155909.D	CLP-2 0.53 (mm)
460-176080-43		02/28/2019 12:05	10	T155909.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 12:22	20		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 12:22	20		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 12:39	5		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 12:39	5		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 12:56	50		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 12:56	50		Rtx-CLP 0.53 (mm)
CCVIS 460-592235/43		02/28/2019 13:21	1		CLP-2 0.53 (mm)
CCVIS 460-592235/43		02/28/2019 13:21	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 13:43	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 13:43	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 14:01	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:01	1		Rtx-CLP 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC11 Start Date: 02/28/2019 00:04

Analysis Batch Number: 592235 End Date: 02/28/2019 20:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/28/2019 14:18	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:18	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 14:35	5		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:35	5		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 14:52	10		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:52	10		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 15:09	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 15:09	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 15:26	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 15:26	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 15:44	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 15:44	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 16:01	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 16:01	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 17:09	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 17:09	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 17:29	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 17:29	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 17:48	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 17:48	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 18:05	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 18:05	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 18:23	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 18:23	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 18:40	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 18:40	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 18:57	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 18:57	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 19:14	5		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 19:14	5		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 19:31	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 19:31	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 19:48	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 19:48	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 20:05	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 20:05	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 20:23	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 20:23	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 20:40	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 20:40	1		Rtx-CLP 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 Start Date: 01/21/2019 16:58

Analysis Batch Number: 584163 End Date: 01/21/2019 22:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		01/21/2019 16:58	1		CLP-2 0.53 (mm)
ZZZZZ		01/21/2019 16:58	1		CLP-1 0.53 (mm)
IC 460-584163/2 ICIS		01/21/2019 17:21	1	7R001208.D	CLP-2 0.53 (mm)
IC 460-584163/2 ICIS		01/21/2019 17:21	1	7R001208.D	CLP-1 0.53 (mm)
IC 460-584163/3		01/21/2019 17:45	1	7R001209.D	CLP-2 0.53 (mm)
IC 460-584163/3		01/21/2019 17:45	1	7R001209.D	CLP-1 0.53 (mm)
IC 460-584163/4		01/21/2019 18:09	1	7R001210.D	CLP-2 0.53 (mm)
IC 460-584163/4		01/21/2019 18:09	1	7R001210.D	CLP-1 0.53 (mm)
IC 460-584163/5		01/21/2019 18:33	1	7R001211.D	CLP-2 0.53 (mm)
IC 460-584163/5		01/21/2019 18:33	1	7R001211.D	CLP-1 0.53 (mm)
IC 460-584163/6		01/21/2019 18:57	1	7R001212.D	CLP-2 0.53 (mm)
IC 460-584163/6		01/21/2019 18:57	1	7R001212.D	CLP-1 0.53 (mm)
ICV 460-584163/7		01/21/2019 19:21	1		CLP-2 0.53 (mm)
ICV 460-584163/7		01/21/2019 19:21	1		CLP-1 0.53 (mm)
IC 460-584163/8		01/21/2019 19:45	1	7R001214.D	CLP-2 0.53 (mm)
IC 460-584163/8		01/21/2019 19:45	1	7R001214.D	CLP-1 0.53 (mm)
IC 460-584163/9		01/21/2019 20:09	1	7R001215.D	CLP-2 0.53 (mm)
IC 460-584163/9		01/21/2019 20:09	1	7R001215.D	CLP-1 0.53 (mm)
IC 460-584163/10		01/21/2019 20:33	1	7R001216.D	CLP-2 0.53 (mm)
IC 460-584163/10		01/21/2019 20:33	1	7R001216.D	CLP-1 0.53 (mm)
IC 460-584163/11		01/21/2019 20:57	1	7R001217.D	CLP-2 0.53 (mm)
IC 460-584163/11		01/21/2019 20:57	1	7R001217.D	CLP-1 0.53 (mm)
IC 460-584163/12		01/21/2019 21:21	1	7R001218.D	CLP-2 0.53 (mm)
IC 460-584163/12		01/21/2019 21:21	1	7R001218.D	CLP-1 0.53 (mm)
IC 460-584163/13		01/21/2019 21:45	1	7R001219.D	CLP-2 0.53 (mm)
IC 460-584163/13		01/21/2019 21:45	1	7R001219.D	CLP-1 0.53 (mm)
IC 460-584163/14		01/21/2019 22:09	1	7R001220.D	CLP-2 0.53 (mm)
IC 460-584163/14		01/21/2019 22:09	1	7R001220.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 Start Date: 02/27/2019 07:02

Analysis Batch Number: 592062 End Date: 02/27/2019 14:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/27/2019 07:02	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 07:02	1		CLP-1 0.53 (mm)
CCVIS 460-592062/2		02/27/2019 07:26	1	7R002246.D	CLP-2 0.53 (mm)
CCVIS 460-592062/2		02/27/2019 07:26	1	7R002246.D	CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 07:50	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 07:50	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 08:13	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 08:13	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 08:37	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 08:37	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 09:30	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 09:30	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 09:54	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 09:54	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 10:17	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 10:17	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 10:41	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 10:41	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 11:04	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 11:04	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 11:28	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 11:28	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 11:51	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 11:51	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 12:32	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 12:32	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 12:56	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 12:56	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 13:50	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 13:50	1		CLP-1 0.53 (mm)
ZZZZZ		02/27/2019 14:13	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 14:13	1		CLP-1 0.53 (mm)
460-176080-54		02/27/2019 14:38	1	7R002261.D	CLP-2 0.53 (mm)
460-176080-54		02/27/2019 14:38	1	7R002261.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 Start Date: 02/28/2019 09:33

Analysis Batch Number: 592351 End Date: 02/28/2019 17:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/28/2019 09:33	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 09:33	1		CLP-1 0.53 (mm)
CCVIS 460-592351/2		02/28/2019 09:58	1	7R002263.D	CLP-2 0.53 (mm)
CCVIS 460-592351/2		02/28/2019 09:58	1	7R002263.D	CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 10:33	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 10:33	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 10:56	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 10:56	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 11:20	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 11:20	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 11:43	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 11:43	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 12:06	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 12:06	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 12:30	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 12:30	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 12:53	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 12:53	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 13:17	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 13:17	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 13:40	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 13:40	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 14:04	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:04	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 14:27	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:27	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 14:50	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:50	1		CLP-1 0.53 (mm)
460-176080-53		02/28/2019 15:14	1	7R002276.D	CLP-2 0.53 (mm)
460-176080-53		02/28/2019 15:14	1	7R002276.D	CLP-1 0.53 (mm)
460-176080-52		02/28/2019 15:37	25	7R002277.D	CLP-2 0.53 (mm)
460-176080-52		02/28/2019 15:37	25	7R002277.D	CLP-1 0.53 (mm)
CCV 460-592351/17		02/28/2019 16:00	1	7R002278.D	CLP-2 0.53 (mm)
CCV 460-592351/17		02/28/2019 16:00	1	7R002278.D	CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 16:26	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 16:26	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 16:49	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 16:49	1		CLP-1 0.53 (mm)
ZZZZZ		02/28/2019 17:13	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 17:13	1		CLP-1 0.53 (mm)



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 Start Date: 03/08/2019 04:15

Analysis Batch Number: 594003 End Date: 03/08/2019 15:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/08/2019 04:15	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 04:15	1		CLP-1 0.53 (mm)
CCVIS 460-594003/2		03/08/2019 04:38	1	7R002463.D	CLP-2 0.53 (mm)
CCVIS 460-594003/2		03/08/2019 04:38	1	7R002463.D	CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 05:21	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 05:21	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 05:44	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 05:44	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 06:07	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 06:07	1		CLP-1 0.53 (mm)
MB 460-593932/1-A		03/08/2019 06:31	1	7R002467.D	CLP-2 0.53 (mm)
MB 460-593932/1-A		03/08/2019 06:31	1	7R002467.D	CLP-1 0.53 (mm)
LCS 460-593932/2-A		03/08/2019 06:55	1	7R002468.D	CLP-2 0.53 (mm)
LCS 460-593932/2-A		03/08/2019 06:55	1	7R002468.D	CLP-1 0.53 (mm)
LCSD 460-593932/3-A		03/08/2019 07:18	1	7R002469.D	CLP-2 0.53 (mm)
LCSD 460-593932/3-A		03/08/2019 07:18	1	7R002469.D	CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 07:42	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 07:42	1		CLP-1 0.53 (mm)
460-176621-E-9-D MS		03/08/2019 08:05	1	7R002471.D	CLP-2 0.53 (mm)
460-176621-E-9-D MS		03/08/2019 08:05	1	7R002471.D	CLP-1 0.53 (mm)
460-176621-E-9-E MSD		03/08/2019 08:28	1	7R002472.D	CLP-2 0.53 (mm)
460-176621-E-9-E MSD		03/08/2019 08:28	1	7R002472.D	CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 08:52	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 08:52	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 09:15	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 09:15	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 09:38	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 09:38	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 10:02	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 10:02	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 10:25	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 10:25	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 10:49	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 10:49	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 11:12	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 11:12	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 11:36	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 11:36	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 11:59	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 11:59	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 12:22	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 12:22	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 12:46	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 12:46	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 13:09	1		CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC7 Start Date: 03/08/2019 04:15

Analysis Batch Number: 594003 End Date: 03/08/2019 15:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/08/2019 13:09	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 13:33	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 13:33	1		CLP-1 0.53 (mm)
460-176080-12		03/08/2019 13:56	1	7R002486.D	CLP-2 0.53 (mm)
460-176080-12		03/08/2019 13:56	1	7R002486.D	CLP-1 0.53 (mm)
460-176080-13		03/08/2019 14:19	1	7R002487.D	CLP-2 0.53 (mm)
460-176080-13		03/08/2019 14:19	1	7R002487.D	CLP-1 0.53 (mm)
460-176080-14		03/08/2019 14:43	1	7R002488.D	CLP-2 0.53 (mm)
460-176080-14		03/08/2019 14:43	1	7R002488.D	CLP-1 0.53 (mm)
460-176080-15		03/08/2019 15:06	1	7R002489.D	CLP-2 0.53 (mm)
460-176080-15		03/08/2019 15:06	1	7R002489.D	CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 15:30	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 15:30	1		CLP-1 0.53 (mm)
ZZZZZ		03/08/2019 15:53	1		CLP-2 0.53 (mm)
ZZZZZ		03/08/2019 15:53	1		CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 Start Date: 01/23/2019 11:37

Analysis Batch Number: 584660 End Date: 01/23/2019 15:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		01/23/2019 11:37	1		CLP-2 0.53 (mm)
ZZZZZ		01/23/2019 11:37	1		Rtx-CLP 0.53 (mm)
IC 460-584660/2 ICIS		01/23/2019 11:55	1	8F134568.D	CLP-2 0.53 (mm)
IC 460-584660/2 ICIS		01/23/2019 11:55	1	8F134568.D	Rtx-CLP 0.53 (mm)
IC 460-584660/3		01/23/2019 12:12	1	8F134569.D	CLP-2 0.53 (mm)
IC 460-584660/3		01/23/2019 12:12	1	8F134569.D	Rtx-CLP 0.53 (mm)
IC 460-584660/4		01/23/2019 12:30	1	8F134570.D	CLP-2 0.53 (mm)
IC 460-584660/4		01/23/2019 12:30	1	8F134570.D	Rtx-CLP 0.53 (mm)
IC 460-584660/5		01/23/2019 12:48	1	8F134571.D	CLP-2 0.53 (mm)
IC 460-584660/5		01/23/2019 12:48	1	8F134571.D	Rtx-CLP 0.53 (mm)
IC 460-584660/6		01/23/2019 13:06	1	8F134572.D	CLP-2 0.53 (mm)
IC 460-584660/6		01/23/2019 13:06	1	8F134572.D	Rtx-CLP 0.53 (mm)
ICV 460-584660/7		01/23/2019 13:23	1		CLP-2 0.53 (mm)
ICV 460-584660/7		01/23/2019 13:23	1		Rtx-CLP 0.53 (mm)
IC 460-584660/8		01/23/2019 13:41	1	8F134574.D	CLP-2 0.53 (mm)
IC 460-584660/8		01/23/2019 13:41	1	8F134574.D	Rtx-CLP 0.53 (mm)
IC 460-584660/9		01/23/2019 13:59	1	8F134575.D	CLP-2 0.53 (mm)
IC 460-584660/9		01/23/2019 13:59	1	8F134575.D	Rtx-CLP 0.53 (mm)
IC 460-584660/10		01/23/2019 14:17	1	8F134576.D	CLP-2 0.53 (mm)
IC 460-584660/10		01/23/2019 14:17	1	8F134576.D	Rtx-CLP 0.53 (mm)
IC 460-584660/11		01/23/2019 14:34	1	8F134577.D	CLP-2 0.53 (mm)
IC 460-584660/11		01/23/2019 14:34	1	8F134577.D	Rtx-CLP 0.53 (mm)
IC 460-584660/12		01/23/2019 14:52	1	8F134578.D	CLP-2 0.53 (mm)
IC 460-584660/12		01/23/2019 14:52	1	8F134578.D	Rtx-CLP 0.53 (mm)
IC 460-584660/13		01/23/2019 15:10	1	8F134579.D	CLP-2 0.53 (mm)
IC 460-584660/13		01/23/2019 15:10	1	8F134579.D	Rtx-CLP 0.53 (mm)
IC 460-584660/14		01/23/2019 15:28	1	8F134580.D	CLP-2 0.53 (mm)
IC 460-584660/14		01/23/2019 15:28	1	8F134580.D	Rtx-CLP 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 Start Date: 02/27/2019 04:26

Analysis Batch Number: 591982 End Date: 02/27/2019 14:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/27/2019 04:26	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 04:26	1		Rtx-CLP 0.53 (mm)
CCVIS 460-591982/2		02/27/2019 04:44	1	8F135724.D	CLP-2 0.53 (mm)
CCVIS 460-591982/2		02/27/2019 04:44	1	8F135724.D	Rtx-CLP 0.53 (mm)
CCV 460-591982/3		02/27/2019 05:08	1		CLP-2 0.53 (mm)
CCV 460-591982/3		02/27/2019 05:08	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 05:26	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 05:26	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 05:43	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 05:43	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 06:01	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 06:01	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 06:19	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 06:19	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 06:36	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 06:36	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 06:53	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 06:53	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 07:11	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 07:11	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 07:28	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 07:28	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 07:46	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 07:46	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 08:04	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 08:04	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 08:21	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 08:21	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 08:39	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 08:39	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 08:57	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 08:57	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 09:14	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 09:14	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 09:51	5		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 09:51	5		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 10:09	20		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 10:09	20		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 10:26	50		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 10:26	50		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 10:44	50		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 10:44	50		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 11:02	50		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 11:02	50		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 11:19	25		CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 Start Date: 02/27/2019 04:26

Analysis Batch Number: 591982 End Date: 02/27/2019 14:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/27/2019 11:19	25		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 11:37	5		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 11:37	5		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 11:55	5		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 11:55	5		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 12:12	10		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 12:12	10		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 12:32	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 12:32	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 12:50	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 12:50	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 13:08	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 13:08	1		Rtx-CLP 0.53 (mm)
LCSD 460-591970/3-A		02/27/2019 13:25	1	8F135752.D	CLP-2 0.53 (mm)
LCSD 460-591970/3-A		02/27/2019 13:25	1	8F135752.D	Rtx-CLP 0.53 (mm)
LCS 460-591970/2-A		02/27/2019 13:43	1	8F135753.D	CLP-2 0.53 (mm)
LCS 460-591970/2-A		02/27/2019 13:43	1	8F135753.D	Rtx-CLP 0.53 (mm)
MB 460-591970/1-A		02/27/2019 14:01	1	8F135754.D	CLP-2 0.53 (mm)
MB 460-591970/1-A		02/27/2019 14:01	1	8F135754.D	Rtx-CLP 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 Start Date: 02/28/2019 04:40

Analysis Batch Number: 592263 End Date: 02/28/2019 16:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/28/2019 04:40	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 04:40	1		Rtx-CLP 0.53 (mm)
CCVIS 460-592263/2		02/28/2019 04:57	1	8F135756.D	CLP-2 0.53 (mm)
CCVIS 460-592263/2		02/28/2019 04:57	1	8F135756.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 05:15	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 05:15	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 05:33	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 05:33	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 05:50	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 05:50	1		Rtx-CLP 0.53 (mm)
MB 460-592174/1-A		02/28/2019 06:08	1	8F135760.D	CLP-2 0.53 (mm)
MB 460-592174/1-A		02/28/2019 06:08	1	8F135760.D	Rtx-CLP 0.53 (mm)
LCS 460-592174/2-A		02/28/2019 06:26	1	8F135761.D	CLP-2 0.53 (mm)
LCS 460-592174/2-A		02/28/2019 06:26	1	8F135761.D	Rtx-CLP 0.53 (mm)
LCSD 460-592174/3-A		02/28/2019 06:44	1	8F135762.D	CLP-2 0.53 (mm)
LCSD 460-592174/3-A		02/28/2019 06:44	1	8F135762.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 07:01	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 07:01	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 07:19	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 07:19	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 07:36	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 07:36	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 07:54	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 07:54	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 08:12	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 08:12	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 08:30	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 08:30	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 08:48	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 08:48	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 09:05	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 09:05	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 09:23	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 09:23	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 09:41	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 09:41	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 09:59	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 09:59	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 10:16	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 10:16	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 10:34	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 10:34	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 10:55	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 10:55	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 11:13	200		CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC8 Start Date: 02/28/2019 04:40

Analysis Batch Number: 592263 End Date: 02/28/2019 16:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/28/2019 11:13	200		Rtx-CLP 0.53 (mm)
460-176080-49		02/28/2019 11:31	1	8F135778.D	CLP-2 0.53 (mm)
460-176080-49		02/28/2019 11:31	1	8F135778.D	Rtx-CLP 0.53 (mm)
460-176080-50		02/28/2019 11:48	1	8F135779.D	CLP-2 0.53 (mm)
460-176080-50		02/28/2019 11:48	1	8F135779.D	Rtx-CLP 0.53 (mm)
460-176080-51		02/28/2019 12:06	1	8F135780.D	CLP-2 0.53 (mm)
460-176080-51		02/28/2019 12:06	1	8F135780.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 14:08	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:08	1		Rtx-CLP 0.53 (mm)
CCV 460-592263/28		02/28/2019 14:26	1		CLP-2 0.53 (mm)
CCV 460-592263/28		02/28/2019 14:26	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 14:46	20		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 14:46	20		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 15:04	5		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 15:04	5		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 15:22	50		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 15:22	50		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 15:39	50		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 15:39	50		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 15:57	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 15:57	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 16:15	5		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 16:15	5		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 16:42	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 16:42	1		Rtx-CLP 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 Start Date: 02/13/2019 11:07

Analysis Batch Number: 589093 End Date: 02/13/2019 14:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/13/2019 11:07	1		CLP-2 0.53 (mm)
ZZZZZ		02/13/2019 11:07	1		Rtx-CLP 0.53 (mm)
IC 460-589093/2 ICIS		02/13/2019 11:24	1	9F003160.D	CLP-2 0.53 (mm)
IC 460-589093/2 ICIS		02/13/2019 11:24	1	9F003160.D	Rtx-CLP 0.53 (mm)
IC 460-589093/3		02/13/2019 11:41	1	9F003161.D	CLP-2 0.53 (mm)
IC 460-589093/3		02/13/2019 11:41	1	9F003161.D	Rtx-CLP 0.53 (mm)
IC 460-589093/4		02/13/2019 11:58	1	9F003162.D	CLP-2 0.53 (mm)
IC 460-589093/4		02/13/2019 11:58	1	9F003162.D	Rtx-CLP 0.53 (mm)
IC 460-589093/5		02/13/2019 12:15	1	9F003163.D	CLP-2 0.53 (mm)
IC 460-589093/5		02/13/2019 12:15	1	9F003163.D	Rtx-CLP 0.53 (mm)
IC 460-589093/6		02/13/2019 12:32	1	9F003164.D	CLP-2 0.53 (mm)
IC 460-589093/6		02/13/2019 12:32	1	9F003164.D	Rtx-CLP 0.53 (mm)
ICV 460-589093/7		02/13/2019 12:49	1		CLP-2 0.53 (mm)
ICV 460-589093/7		02/13/2019 12:49	1		Rtx-CLP 0.53 (mm)
IC 460-589093/8		02/13/2019 13:05	1	9F003166.D	CLP-2 0.53 (mm)
IC 460-589093/8		02/13/2019 13:05	1	9F003166.D	Rtx-CLP 0.53 (mm)
IC 460-589093/9		02/13/2019 13:22	1	9F003167.D	CLP-2 0.53 (mm)
IC 460-589093/9		02/13/2019 13:22	1	9F003167.D	Rtx-CLP 0.53 (mm)
IC 460-589093/10		02/13/2019 13:39	1	9F003168.D	CLP-2 0.53 (mm)
IC 460-589093/10		02/13/2019 13:39	1	9F003168.D	Rtx-CLP 0.53 (mm)
IC 460-589093/11		02/13/2019 13:56	1	9F003169.D	CLP-2 0.53 (mm)
IC 460-589093/11		02/13/2019 13:56	1	9F003169.D	Rtx-CLP 0.53 (mm)
IC 460-589093/12		02/13/2019 14:13	1	9F003170.D	CLP-2 0.53 (mm)
IC 460-589093/12		02/13/2019 14:13	1	9F003170.D	Rtx-CLP 0.53 (mm)
IC 460-589093/13		02/13/2019 14:30	1	9F003171.D	CLP-2 0.53 (mm)
IC 460-589093/13		02/13/2019 14:30	1	9F003171.D	Rtx-CLP 0.53 (mm)
IC 460-589093/14		02/13/2019 14:47	1	9F003172.D	CLP-2 0.53 (mm)
IC 460-589093/14		02/13/2019 14:47	1	9F003172.D	Rtx-CLP 0.53 (mm)



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 Start Date: 02/27/2019 23:05

Analysis Batch Number: 592236 End Date: 02/28/2019 09:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/27/2019 23:05	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 23:05	1		Rtx-CLP 0.53 (mm)
CCVIS 460-592236/2		02/27/2019 23:21	1	9F003669.D	CLP-2 0.53 (mm)
CCVIS 460-592236/2		02/27/2019 23:21	1	9F003669.D	Rtx-CLP 0.53 (mm)
CCV 460-592236/3		02/27/2019 23:38	1	9F003670.D	CLP-2 0.53 (mm)
CCV 460-592236/3		02/27/2019 23:38	1	9F003670.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/27/2019 23:55	1		CLP-2 0.53 (mm)
ZZZZZ		02/27/2019 23:55	1		Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 00:12	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 00:12	1		Rtx-CLP 0.53 (mm)
MB 460-592057/1-A		02/28/2019 00:29	1	9F003673.D	CLP-2 0.53 (mm)
MB 460-592057/1-A		02/28/2019 00:29	1	9F003673.D	Rtx-CLP 0.53 (mm)
LCS 460-592057/2-A		02/28/2019 00:46	1	9F003674.D	CLP-2 0.53 (mm)
LCS 460-592057/2-A		02/28/2019 00:46	1	9F003674.D	Rtx-CLP 0.53 (mm)
LCSD 460-592057/3-A		02/28/2019 01:03	1	9F003675.D	CLP-2 0.53 (mm)
LCSD 460-592057/3-A		02/28/2019 01:03	1	9F003675.D	Rtx-CLP 0.53 (mm)
460-176080-42 MS		02/28/2019 01:19	1	9F003676.D	CLP-2 0.53 (mm)
460-176080-42 MS		02/28/2019 01:19	1	9F003676.D	Rtx-CLP 0.53 (mm)
460-176080-42 MSD		02/28/2019 01:36	1	9F003677.D	CLP-2 0.53 (mm)
460-176080-42 MSD		02/28/2019 01:36	1	9F003677.D	Rtx-CLP 0.53 (mm)
460-176080-42		02/28/2019 01:53	1	9F003678.D	CLP-2 0.53 (mm)
460-176080-42		02/28/2019 01:53	1	9F003678.D	Rtx-CLP 0.53 (mm)
460-176080-29		02/28/2019 02:10	1	9F003679.D	CLP-2 0.53 (mm)
460-176080-29		02/28/2019 02:10	1	9F003679.D	Rtx-CLP 0.53 (mm)
460-176080-30		02/28/2019 04:50	1	9F003680.D	CLP-2 0.53 (mm)
460-176080-30		02/28/2019 04:50	1	9F003680.D	Rtx-CLP 0.53 (mm)
460-176080-31		02/28/2019 05:07	1	9F003681.D	CLP-2 0.53 (mm)
460-176080-31		02/28/2019 05:07	1	9F003681.D	Rtx-CLP 0.53 (mm)
460-176080-32		02/28/2019 05:24	1	9F003682.D	CLP-2 0.53 (mm)
460-176080-32		02/28/2019 05:24	1	9F003682.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 05:41	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 05:41	1		Rtx-CLP 0.53 (mm)
460-176080-34		02/28/2019 05:57	1	9F003684.D	CLP-2 0.53 (mm)
460-176080-34		02/28/2019 05:57	1	9F003684.D	Rtx-CLP 0.53 (mm)
460-176080-35		02/28/2019 06:14	1	9F003685.D	CLP-2 0.53 (mm)
460-176080-35		02/28/2019 06:14	1	9F003685.D	Rtx-CLP 0.53 (mm)
460-176080-36		02/28/2019 06:31	1	9F003686.D	CLP-2 0.53 (mm)
460-176080-36		02/28/2019 06:31	1	9F003686.D	Rtx-CLP 0.53 (mm)
460-176080-37		02/28/2019 06:48	1	9F003687.D	CLP-2 0.53 (mm)
460-176080-37		02/28/2019 06:48	1	9F003687.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 07:05	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 07:05	1		Rtx-CLP 0.53 (mm)
460-176080-39		02/28/2019 07:22	1	9F003689.D	CLP-2 0.53 (mm)
460-176080-39		02/28/2019 07:22	1	9F003689.D	Rtx-CLP 0.53 (mm)
460-176080-40		02/28/2019 07:39	1	9F003690.D	CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: CPESTGC9 Start Date: 02/27/2019 23:05

Analysis Batch Number: 592236 End Date: 02/28/2019 09:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-176080-40		02/28/2019 07:39	1	9F003690.D	Rtx-CLP 0.53 (mm)
460-176080-41		02/28/2019 07:56	1	9F003691.D	CLP-2 0.53 (mm)
460-176080-41		02/28/2019 07:56	1	9F003691.D	Rtx-CLP 0.53 (mm)
ZZZZZ		02/28/2019 08:12	1		CLP-2 0.53 (mm)
ZZZZZ		02/28/2019 08:12	1		Rtx-CLP 0.53 (mm)
460-176080-44		02/28/2019 08:29	1	9F003693.D	CLP-2 0.53 (mm)
460-176080-44		02/28/2019 08:29	1	9F003693.D	Rtx-CLP 0.53 (mm)
460-176080-45		02/28/2019 08:46	1	9F003694.D	CLP-2 0.53 (mm)
460-176080-45		02/28/2019 08:46	1	9F003694.D	Rtx-CLP 0.53 (mm)
460-176080-46		02/28/2019 09:03	1	9F003695.D	CLP-2 0.53 (mm)
460-176080-46		02/28/2019 09:03	1	9F003695.D	Rtx-CLP 0.53 (mm)
460-176080-47		02/28/2019 09:20	1	9F003696.D	CLP-2 0.53 (mm)
460-176080-47		02/28/2019 09:20	1	9F003696.D	Rtx-CLP 0.53 (mm)
460-176080-48		02/28/2019 09:37	1	9F003697.D	CLP-2 0.53 (mm)
460-176080-48		02/28/2019 09:37	1	9F003697.D	Rtx-CLP 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 591970 Batch Start Date: 02/27/19 01:19 Batch Analyst: Poblete, James N

Batch Method: 3510C Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	OP_PCB_SP_LVI 00014	OPSPCBSU_LVI 00017	
MB 460-591970/1		3510C, 8082A		250 mL	1 mL	7 SU		50 uL	
LCS 460-591970/2		3510C, 8082A		250 mL	1 mL	7 SU	50 uL	50 uL	
LCSD 460-591970/3		3510C, 8082A		250 mL	1 mL	7 SU	50 uL	50 uL	
460-176080-A-54	PRA-EB-1	3510C, 8082A	T	250 mL	1 mL	5 SU		50 uL	

Batch Notes	
Acid Used for pH Adjustment ID	186983
Base Used to Adjust pH ID	OP2612
Batch Comment	8082 pcb water
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	JP
Method/Fraction	8082 Water
Prep Solvent ID	MeCL2 218209 hexane 214694
Prep Solvent Volume Used	120 mL
Analyst ID - Spike Analyst	JP
Sufficient Volume for Batch QC	Yes
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592055 Batch Start Date: 02/27/19 08:41 Batch Analyst: Patel, Krina A

Batch Method: 3546 Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00037	OPPSTPCBSURR 00015		
MB 460-592055/1		3546, 8082A		15.00 g	10 mL		50 uL		
LCS 460-592055/2		3546, 8082A		15.01 g	10 mL	50 uL	50 uL		
LCSD 460-592055/3		3546, 8082A		15.04 g	10 mL	50 uL	50 uL		
460-176080-A-3 MS	PRA-B1-WT@7.5-8	3546, 8082A	T	15.02 g	10 mL	50 uL	50 uL		
460-176080-A-3 MSD	PRA-B1-WT@7.5-8	3546, 8082A	T	15.01 g	10 mL	50 uL	50 uL		
460-176080-A-3	PRA-B1-WT@7.5-8	3546, 8082A	T	15.04 g	10 mL		50 uL		
460-176080-A-1	PRA-B1-VS@1-1.5	3546, 8082A	T	15.03 g	10 mL		50 uL		
460-176080-A-2	PRA-B1-VD@3-3.5	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-176080-A-6	PRA-B2-VS @1-1.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-7	PRA-B2-VD@3-3.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-8	PRA-B2-WT@7.5-8	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-11	PRA-B3-VS@1-1.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-16	PRA-B4-VS@1-1.5	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-176080-A-17	PRA-B4-VD@3-3.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-18	PRA-B4-WT@8-8.5	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-19	PRA-B4-SI@10.5-11	3546, 8082A	T	15.04 g	10 mL		50 uL		
460-176080-A-20	PRA-B4-SD@19.5-20	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-21	PRA-B5-VS@1-1.5	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-22	PRA-B5-VD@3-3.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-23	PRA-B5-WT@8-8.5	3546, 8082A	T	15.03 g	10 mL		50 uL		
460-176080-A-24	PRA-B5-SI@10.5-11	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-25	PRA-B5-SD@19.5-20	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-26	PRA-B6-VS@1-1.5	3546, 8082A	T	15.04 g	10 mL		50 uL		
460-176080-A-27	PRA-B6-VD@3-3.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-28	PRA-B6-WT@7.5-8	3546, 8082A	T	15.02 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592055 Batch Start Date: 02/27/19 08:41 Batch Analyst: Patel, Krina A

Batch Method: 3546 Batch End Date: \_\_\_\_\_

Batch Notes	
Balance ID	12
Batch Comment	PCB SOIL
Blank Matrix ID	177561
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	KP
Method/Fraction	3546/8082 PCB soil
Microwave Oven ID	MD1952
Na2SO4 ID	178434
Prep Solvent ID	hexane212643; Acetone / 202606 MeCl2: 216970
Analyst ID - Spike Analyst	YY
Analyst ID - Spike Witness Analyst	KP
Sulfur Removal Reagent ID	189631
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592057 Batch Start Date: 02/27/19 08:49 Batch Analyst: Yang, Yi-Ling X

Batch Method: 3546 Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00037	OPPSTPCBSURR 00015		
MB 460-592057/1		3546, 8082A		15.00 g	10 mL		50 uL		
LCS 460-592057/2		3546, 8082A		15.01 g	10 mL	50 uL	50 uL		
LCSD 460-592057/3		3546, 8082A		15.02 g	10 mL	50 uL	50 uL		
460-176080-A-42 MS	PRA-B9-VD@3-3.5	3546, 8082A	T	15.01 g	10 mL	50 uL	50 uL		
460-176080-A-42 MSD	PRA-B9-VD@3-3.5	3546, 8082A	T	15.04 g	10 mL	50 uL	50 uL		
460-176080-A-42	PRA-B9-VD@3-3.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-29	PRA-B6-SI@10.5-11	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-30	PRA-B6-SD@19.5-20	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-31	PRA-B7-VS@1-1.5	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-32	PRA-B7-VD@3-3.5	3546, 8082A	T	15.04 g	10 mL		50 uL		
460-176080-A-33	PRA-B7-WT@8-8.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-34	PRA-B7-SI@10.5-11	3546, 8082A	T	15.03 g	10 mL		50 uL		
460-176080-A-35	PRA-B7-SD@19.5-20	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-36	PRA-B8-VS@1-1.5	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-37	PRA-B8-VD@3-3.5	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-38	PRA-B8-WT@8-8.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-39	PRA-B8-SI@10.5-11	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-40	PRA-B8-SD@19.5-20	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-41	PRA-B9-VS@1-1.5	3546, 8082A	T	15.03 g	10 mL		50 uL		
460-176080-A-43	PRA-B9-WT@8-8.5	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-44	PRA-B9-SI@10-10.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-45	PRA-B9-SD@19.5-20	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-46	PRA-B10-VS@1-1.5	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-176080-A-47	PRA-B10-VD@3-3.5	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-48	PRA-B10-SI@8-8.5	3546, 8082A	T	15.01 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592057 Batch Start Date: 02/27/19 08:49 Batch Analyst: Yang, Yi-Ling X

Batch Method: 3546 Batch End Date: \_\_\_\_\_

Batch Notes	
Balance ID	12
Batch Comment	PCB SOIL
Blank Matrix ID	177561
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	YY
Method/Fraction	3546/8082 PCB soil
Microwave Oven ID	MD1952
Na2SO4 ID	178434
Prep Solvent ID	hexane212643; Acetone / 202606 MeCl2: 216970
Analyst ID - Spike Analyst	YY
Analyst ID - Spike Witness Analyst	KP
Sulfur Removal Reagent ID	189631
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592174 Batch Start Date: 02/27/19 17:50 Batch Analyst: Disanayaka, Isuru u

Batch Method: 3546 Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00037	OPPSTPCBSURR 00015		
MB 460-592174/1		3546, 8082A		15.02 g	10 mL		50 uL		
LCS 460-592174/2		3546, 8082A		15.03 g	10 mL	50 uL	50 uL		
LCS 460-592174/3		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
460-176080-A-49	PRA-B10-SI@10.5-11	3546, 8082A	T	14.98 g	10 mL		50 uL		
460-176080-A-50	PRA-B10-SD@19.5-20	3546, 8082A	T	15.04 g	10 mL		50 uL		
460-176080-A-51	DUP-1	3546, 8082A	T	15.03 g	10 mL		50 uL		
460-176080-A-52	DUP-2	3546, 8082A	T	15.02 g	10 mL		50 uL		
460-176080-A-53	DUP-3	3546, 8082A	T	15.01 g	10 mL		50 uL		

Batch Notes	
Balance ID	12
Batch Comment	PCB SOIL
Blank Matrix ID	177561
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	ID
Method/Fraction	3546/8082 PCB soil
Microwave Oven ID	MD1952
Na2SO4 ID	178434
Prep Solvent ID	hexane212643; Acetone / 202606 MeC12: 216970
Analyst ID - Spike Analyst	ID
Sulfur Removal Reagent ID	189631
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.



PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 593932 Batch Start Date: 03/07/19 17:57 Batch Analyst: Disanayaka, Isuru u

Batch Method: 3546 Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00037	OPPSTPCBSURR 00015		
MB 460-593932/1		3546, 8082A		15.02 g	10 mL		50 uL		
LCS 460-593932/2		3546, 8082A		15.03 g	10 mL	50 uL	50 uL		
LCSD 460-593932/3		3546, 8082A		15.04 g	10 mL	50 uL	50 uL		
460-176621-E-9 MS		3546, 8082A	T	15.03 g	10 mL	50 uL	50 uL		
460-176621-E-9 MSD		3546, 8082A	T	15.02 g	10 mL	50 uL	50 uL		
460-176080-A-12	PRA-B3-VD@3-3.5	3546, 8082A	T	15.04 g	10 mL		50 uL		
460-176080-A-13	PRA-B3-WT@8-8.5	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-176080-A-14	PRA-B3-SI-@9-9.5	3546, 8082A	T	15.03 g	10 mL		50 uL		
460-176080-A-15	PRA-B3-SD-@19.5-20	3546, 8082A	T	15.05 g	10 mL		50 uL		

Batch Notes	
Balance ID	12
Batch Comment	PCB SOIL
Blank Matrix ID	177561
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	ID
Method/Fraction	3546/8082 PCB soil
Microwave Oven ID	MD1952
Na2SO4 ID	178434
Prep Solvent ID	hexane212643; Acetone / 202606 MeCl2: 216970
Analyst ID - Spike Analyst	ID
Sulfur Removal Reagent ID	189631
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GENERAL CHEMISTRY

COVER PAGE  
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job Number: 460-176080-1

SDG No.: \_\_\_\_\_

Project: Former McCandless Fuels

Client Sample ID	Lab Sample ID
PRA-B1-VS@1-1.5	460-176080-1
PRA-B1-VD@3-3.5	460-176080-2
PRA-B1-WT@7.5-8	460-176080-3
PRA-B2-VS @1-1.5	460-176080-6
PRA-B2-VD@3-3.5	460-176080-7
PRA-B2-WT@7.5-8	460-176080-8
PRA-B3-VS@1-1.5	460-176080-11
PRA-B3-VD@3-3.5	460-176080-12
PRA-B3-WT@8-8.5	460-176080-13
PRA-B3-SI-@9-9.5	460-176080-14
PRA-B3-SD-@19.5-20	460-176080-15
PRA-B4-VS@1-1.5	460-176080-16
PRA-B4-VD@3-3.5	460-176080-17
PRA-B4-WT@8-8.5	460-176080-18
PRA-B4-SI@10.5-11	460-176080-19
PRA-B4-SD@19.5-20	460-176080-20
PRA-B5-VS@1-1.5	460-176080-21
PRA-B5-VD@3-3.5	460-176080-22
PRA-B5-WT@8-8.5	460-176080-23
PRA-B5-SI@10.5-11	460-176080-24
PRA-B5-SD@19.5-20	460-176080-25
PRA-B6-VS@1-1.5	460-176080-26
PRA-B6-VD@3-3.5	460-176080-27
PRA-B6-WT@7.5-8	460-176080-28
PRA-B6-SI@10.5-11	460-176080-29
PRA-B6-SD@19.5-20	460-176080-30
PRA-B7-VS@1-1.5	460-176080-31
PRA-B7-VD@3-3.5	460-176080-32
PRA-B7-WT@8-8.5	460-176080-33
PRA-B7-SI@10.5-11	460-176080-34
PRA-B7-SD@19.5-20	460-176080-35
PRA-B8-VS@1-1.5	460-176080-36
PRA-B8-VD@3-3.5	460-176080-37
PRA-B8-WT@8-8.5	460-176080-38
PRA-B8-SI@10.5-11	460-176080-39
PRA-B8-SD@19.5-20	460-176080-40
PRA-B9-VS@1-1.5	460-176080-41
PRA-B9-VD@3-3.5	460-176080-42
PRA-B9-WT@8-8.5	460-176080-43
PRA-B9-SI@10-10.5	460-176080-44
PRA-B9-SD@19.5-20	460-176080-45
PRA-B10-VS@1-1.5	460-176080-46
PRA-B10-VD@3-3.5	460-176080-47
PRA-B10-SI@8-8.5	460-176080-48
PRA-B10-SI@10.5-11	460-176080-49

Comments:

COVER PAGE  
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-176080-1

SDG No.: \_\_\_\_\_

Project: Former McCandless Fuels

Client Sample ID	Lab Sample ID
<u>PRA-B10-SD@19.5-20</u>	<u>460-176080-50</u>
<u>DUP-1</u>	<u>460-176080-51</u>
<u>DUP-2</u>	<u>460-176080-52</u>
<u>DUP-3</u>	<u>460-176080-53</u>

Comments:

9-IN  
DETECTION LIMITS  
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job Number: 460-176080-1

SDG Number: \_\_\_\_\_

Matrix: Solid

Instrument ID: NOEQUIP

Method: Moisture

RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN  
CALIBRATION BLANK DETECTION LIMITS  
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-176080-1  
SDG Number: \_\_\_\_\_  
Matrix: Solid Instrument ID: NOEQUIP  
Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN  
ANALYSIS RUN LOG  
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: NOEQUIP Method: Moisture

Start Date: 02/27/2019 23:48 End Date: 02/27/2019 23:48

Lab Sample ID	D / F	Type	Time	Analytes																
				% Sol	Moist															
ZZZZZZ			23:48																	
ZZZZZZ			23:48																	
ZZZZZZ			23:48																	
ZZZZZZ			23:48																	
ZZZZZZ			23:48																	
ZZZZZZ			23:48																	
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ZZZZZZ			23:48																	
ZZZZZZ			23:48																	
ZZZZZZ			23:48																	
ZZZZZZ			23:48																	
460-176080-1	1	T	23:48	X	X															
460-176080-2	1	T	23:48	X	X															
460-176080-3	1	T	23:48	X	X															
460-176080-6	1	T	23:48	X	X															
460-176080-7	1	T	23:48	X	X															
460-176080-8	1	T	23:48	X	X															
460-176080-11	1	T	23:48	X	X															
460-176080-11 DU	1	T	23:48	X	X															

Prep Types  
T = Total/NA





13-IN  
ANALYSIS RUN LOG  
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: NOEQUIP Method: Moisture

Start Date: 02/28/2019 00:19 End Date: 02/28/2019 00:19

Lab Sample ID	D / F	Type	Time	Analytes															
				% Sol	Moist														
ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
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ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
ZZZZZZ			00:19																
460-176080-36	1	T	00:19	X	X														
460-176080-45	1	T	00:19	X	X														
460-176080-44	1	T	00:19	X	X														
460-176080-43	1	T	00:19	X	X														
460-176080-42	1	T	00:19	X	X														
460-176080-41	1	T	00:19	X	X														
460-176080-40	1	T	00:19	X	X														
460-176080-40 DU	1	T	00:19	X	X														

Prep Types  
T = Total/NA



13-IN  
ANALYSIS RUN LOG  
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/11/2019 05:46 End Date: 03/11/2019 05:46

Lab Sample ID	D / F	T y p e	Time	Analytes																
				% S o l	M o i s t															
ZZZZZZ			05:46																	
460-176080-12	1	T	05:46	X	X															
460-176080-13	1	T	05:46	X	X															
460-176080-14	1	T	05:46	X	X															
460-176080-15	1	T	05:46	X	X															
460-176080-15 DU	1	T	05:46	X	X															

Prep Types  
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592232 Batch Start Date: 02/27/19 23:48 Batch Analyst: Villanueva, Angelica P

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-176080-A-1	PRA-B1-VS@1-1.5	Moisture	T	318	1.05 g	6.96 g	5.95 g		
460-176080-A-2	PRA-B1-VD@3-3.5	Moisture	T	319	1.03 g	7.29 g	6.08 g		
460-176080-A-3	PRA-B1-WT@7.5-8	Moisture	T	320	1.06 g	6.02 g	5.44 g		
460-176080-A-6	PRA-B2-VS @1-1.5	Moisture	T	321	1.04 g	6.93 g	6.12 g		
460-176080-A-7	PRA-B2-VD@3-3.5	Moisture	T	322	1.03 g	6.72 g	6.37 g		
460-176080-A-8	PRA-B2-WT@7.5-8	Moisture	T	323	1.05 g	7.14 g	5.93 g		
460-176080-A-11	PRA-B3-VS@1-1.5	Moisture	T	324	1.02 g	6.44 g	6.15 g		
460-176080-A-11 DU	PRA-B3-VS@1-1.5	Moisture	T	325	1.06 g	6.22 g	5.92 g		

Batch Notes	
Balance ID	104
Date and Time Samples in Desiccator	02/28/2019 12:19
Date and Time Samples out of Desiccator	02/28/2019 12:30
Date samples were placed in the oven	02/27/2019
Oven Temp In	104 Degrees C
Time samples were place in the oven	00:03
Date samples were removed from oven	02/28/2019
Oven Temp Out	108 Degrees C
Time Samples were removed from oven	12:19
Oven ID	Oven 3
Thermometer ID	181061
Temperature - Start - Uncorrected	104 Degrees C
Temperature - End - Uncorrected	108 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592237 Batch Start Date: 02/28/19 00:03 Batch Analyst: Villanueva, Angelica P

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-176080-A-16	PRA-B4-VS@1-1.5	Moisture	T	280	1.04 g	4.89 g	4.62 g		
460-176080-A-17	PRA-B4-VD@3-3.5	Moisture	T	281	1.06 g	7.68 g	6.68 g		
460-176080-A-18	PRA-B4-WT@8-8.5	Moisture	T	282	1.02 g	8.23 g	6.94 g		
460-176080-A-19	PRA-B4-SI@10.5-1 1	Moisture	T	283	1.06 g	7.12 g	6.25 g		
460-176080-A-20	PRA-B4-SD@19.5-2 0	Moisture	T	284	1.03 g	7.60 g	6.62 g		
460-176080-A-21	PRA-B5-VS@1-1.5	Moisture	T	285	1.03 g	7.89 g	6.80 g		
460-176080-A-22	PRA-B5-VD@3-3.5	Moisture	T	286	1.03 g	5.69 g	5.00 g		
460-176080-A-23	PRA-B5-WT@8-8.5	Moisture	T	287	1.05 g	6.84 g	5.73 g		
460-176080-A-24	PRA-B5-SI@10.5-1 1	Moisture	T	288	1.05 g	6.57 g	5.48 g		
460-176080-A-25	PRA-B5-SD@19.5-2 0	Moisture	T	289	1.04 g	7.22 g	6.27 g		
460-176080-A-26	PRA-B6-VS@1-1.5	Moisture	T	290	1.04 g	6.23 g	5.36 g		
460-176080-A-27	PRA-B6-VD@3-3.5	Moisture	T	291	1.04 g	7.22 g	6.28 g		
460-176080-A-28	PRA-B6-WT@7.5-8	Moisture	T	292	1.04 g	7.31 g	6.23 g		
460-176080-A-29	PRA-B6-SI@10.5-1 1	Moisture	T	293	1.02 g	6.23 g	5.45 g		
460-176080-A-30	PRA-B6-SD@19.5-2 0	Moisture	T	294	1.03 g	6.16 g	5.28 g		
460-176080-A-31	PRA-B7-VS@1-1.5	Moisture	T	295	1.05 g	7.21 g	6.89 g		
460-176080-A-32	PRA-B7-VD@3-3.5	Moisture	T	296	1.05 g	6.78 g	6.46 g		
460-176080-A-33	PRA-B7-WT@8-8.5	Moisture	T	297	1.05 g	6.64 g	5.89 g		
460-176080-A-34	PRA-B7-SI@10.5-1 1	Moisture	T	298	1.02 g	6.20 g	5.23 g		
460-176080-A-35	PRA-B7-SD@19.5-2 0	Moisture	T	299	1.05 g	6.25 g	5.49 g		
460-176080-A-35 DU	PRA-B7-SD@19.5-2 0	Moisture	T	300	1.04 g	5.42 g	4.77 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592237 Batch Start Date: 02/28/19 00:03 Batch Analyst: Villanueva, Angelica P

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Batch Notes	
Balance ID	104
Date and Time Samples in Desiccator	02/28/2019 12:24
Date and Time Samples out of Desiccator	02/28/2019 12:35
Date samples were placed in the oven	02/28/2019
Oven Temp In	101 Degrees C
Time samples were place in the oven	00:19
Date samples were removed from oven	02/28/2019
Oven Temp Out	105 Degrees C
Time Samples were removed from oven	12:23
Oven ID	Oven 3
Thermometer ID	181061
Temperature - Start - Uncorrected	101 Degrees C
Temperature - End - Uncorrected	109 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592239 Batch Start Date: 02/28/19 00:19 Batch Analyst: Villanueva, Angelica P

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-176080-A-36	PRA-B8-VS@1-1.5	Moisture	T	158	1.06 g	5.88 g	5.03 g		
460-176080-A-45	PRA-B9-SD@19.5-2 0	Moisture	T	159	1.05 g	6.94 g	5.90 g		
460-176080-A-44	PRA-B9-SI@10-10. 5	Moisture	T	160	1.04 g	7.23 g	6.01 g		
460-176080-A-43	PRA-B9-WT@8-8.5	Moisture	T	161	1.04 g	5.11 g	4.64 g		
460-176080-A-42	PRA-B9-VD@3-3.5	Moisture	T	162	1.06 g	5.11 g	4.88 g		
460-176080-A-41	PRA-B9-VS@1-1.5	Moisture	T	163	1.06 g	8.58 g	7.37 g		
460-176080-A-40	PRA-B8-SD@19.5-2 0	Moisture	T	64	1.05 g	6.01 g	4.99 g		
460-176080-A-40 DU	PRA-B8-SD@19.5-2 0	Moisture	T	65	1.06 g	6.03 g	5.26 g		

Batch Notes	
Balance ID	104
Date and Time Samples in Desiccator	02/28/2019 12:42
Date and Time Samples out of Desiccator	02/28/2019 12:56
Date samples were placed in the oven	02/28/2019
Oven Temp In	102 Degrees C
Time samples were place in the oven	00:37
Date samples were removed from oven	02/28/2019
Oven Temp Out	105 Degrees C
Time Samples were removed from oven	12:41
Oven ID	Oven 3
Thermometer ID	181061
Temperature - Start - Uncorrected	102 Degrees C
Temperature - End - Uncorrected	108 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592241 Batch Start Date: 02/28/19 00:37 Batch Analyst: Villanueva, Angelica P

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-176080-A-39	PRA-B8-SI@10.5-1 1	Moisture	T	24	1.07 g	8.23 g	6.94 g		
460-176080-A-38	PRA-B8-WT@8-8.5	Moisture	T	25	1.06 g	6.68 g	5.81 g		
460-176080-A-37	PRA-B8-VD@3-3.5	Moisture	T	26	1.06 g	5.32 g	4.99 g		
460-176080-A-53	DUP-3	Moisture	T	27	1.06 g	7.22 g	6.36 g		
460-176080-A-52	DUP-2	Moisture	T	28	1.06 g	5.64 g	5.12 g		
460-176080-A-51	DUP-1	Moisture	T	29	1.05 g	6.17 g	5.41 g		
460-176080-A-50	PRA-B10-SD@19.5- 20	Moisture	T	30	1.07 g	5.93 g	5.01 g		
460-176080-A-49	PRA-B10-SI@10.5- 11	Moisture	T	31	1.05 g	6.87 g	5.91 g		
460-176080-A-48	PRA-B10-SI@8-8.5	Moisture	T	32	1.03 g	5.46 g	4.78 g		
460-176080-A-47	PRA-B10-VD@3-3.5	Moisture	T	33	1.04 g	8.15 g	7.02 g		
460-176080-A-46	PRA-B10-VS@1-1.5	Moisture	T	34	1.05 g	7.30 g	6.33 g		
460-175836-A-1 DU		Moisture	T	36	1.08 g	6.36 g	5.76 g		

Batch Notes	
Balance ID	104
Date and Time Samples in Desiccator	02/28/2019 13:04
Date and Time Samples out of Desiccator	02/28/2019 13:18
Date samples were placed in the oven	02/28/2019
Oven Temp In	103 Degrees C
Time samples were place in the oven	01:02
Date samples were removed from oven	02/28/2019
Oven Temp Out	108 Degrees C
Time Samples were removed from oven	13:04
Oven ID	Oven 3
Thermometer ID	181061
Temperature - Start - Uncorrected	103 Degrees C
Temperature - End - Uncorrected	108 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture



GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 592241 Batch Start Date: 02/28/19 00:37 Batch Analyst: Villanueva, Angelica P

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-176080-1

SDG No.: \_\_\_\_\_

Batch Number: 594450 Batch Start Date: 03/11/19 05:46 Batch Analyst: Pinilla, Angela C

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-176080-A-12	PRA-B3-VD@3-3.5	Moisture	T	46	0.83 g	7.39 g	6.31 g		
460-176080-A-13	PRA-B3-WT@8-8.5	Moisture	T	47	1.03 g	4.22 g	3.77 g		
460-176080-A-14	PRA-B3-SI-@9-9.5	Moisture	T	48	1.03 g	5.10 g	4.58 g		
460-176080-A-15	PRA-B3-SD-@19.5-20	Moisture	T	49	1.04 g	5.75 g	4.86 g		
460-176080-A-15 DU	PRA-B3-SD-@19.5-20	Moisture	T	50	1.00 g	6.83 g	5.88 g		

Batch Notes	
Balance ID	104
Date samples were placed in the oven	03/11/2019
Oven Temp In	108 Degrees C
Time samples were place in the oven	05:49
Date samples were removed from oven	03/12/2019
Oven Temp Out	109 Degrees C
Time Samples were removed from oven	05:32
Oven ID	Oven 3
Thermometer ID	181061
Temperature - Start - Uncorrected	108 Degrees C
Temperature - End - Uncorrected	109 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

# Shipping and Receiving Documents

# TestAmerica

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 6 of 6

Name (for report and invoice) <u>Lin Fishor</u>		Samplers Name (Printed) <u>Lin Fishor</u>		Site/Project Identification <u>Forces McCandless Fields</u>	
Company <u>Antae Group</u>		P. O. #		State (Location of site): NJ: <input checked="" type="checkbox"/> NY: <input type="checkbox"/> Other: <input type="checkbox"/>	
Address <u>500 Summit Lake Dr. Suite 150</u>		Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: <input type="checkbox"/>		Regulatory Program: <u>DEP/EPA</u>	
City <u>Upland</u>		1 Week <input type="checkbox"/> 2 Week <input checked="" type="checkbox"/> Other <input type="checkbox"/>		LAB USE ONLY Job No: <u>176080</u> Project No:	
Phone <u>944-495-9935</u>		Fax <u>944-495-9935</u>		DKOP: <input type="checkbox"/>	
State <u>PA</u>		Matrix		Sample Numbers	
Sample Identification		Date	Time	No. of Cont.	
1	PRA-B1-NS-01-1.5	2/22/19	835	5	1
2	PRA-B1-VD-03-3.5		835		
3	PRA-B1-UT-07.5-8		842		
4	PRA-B1-SI-09.9.5		842		
5	PRA-B1-SD-019.5-20		0930		
6	PRA-B2-NS-01-1.5		0935		
7	PRA-B2-VD-03-3.5		0940		
8	PRA-B2-UT-07.5-8		0944		
9	PRA-B2-SI-09.9.5		0948		
10	PRA-B2-SD-019.5-20		0955		

Preservation Used: 1 = ICE, 2 = HCl, 3 = H<sub>2</sub>SO<sub>4</sub>, 4 = HNO<sub>3</sub>, 5 = NaOH  
Soil:  Water:

6 = Other  7 = Other



Special Instructions HOLD - PRA-B1-VD-03-3.5 PRA-B1-UT-07.5-8 PRA-B1-SI-09.9.5 PRA-B1-SD-019.5-20

Relinquished by	Company	Date / Time	Received by	Company	Date / Time	Water Metals Filtered (Yes/No)?
<u>[Signature]</u>	<u>Antae Group</u>	<u>2/22/19 18:00</u>	<u>[Signature]</u>	<u>TR</u>	<u>2/22/19 18:00</u>	
Relinquished by	Company	Date / Time	Received by	Company	Date / Time	
2)			2)			
Relinquished by	Company	Date / Time	Received by	Company	Date / Time	
3)			3)			
Relinquished by	Company	Date / Time	Received by	Company	Date / Time	
4)			4)			

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).  
Massachusetts (M-NJ312), North Carolina (No. 578)

2.0°C 2.2°C 5.0°C hocs TR#11

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS REQUEST

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

Page 2 of 8

Name (for report and invoice) <i>Tim Friskor</i>		Samplers Name (Printed) <i>Tim Friskor</i>		Site/Project Identification <i>Edison McCandless Fields</i>	
Company <i>Arkea Group</i>		P. O. #		State (Location of site): NJ: <input checked="" type="checkbox"/> NY: <input type="checkbox"/> Other: <input type="checkbox"/>	
Address <i>500 Summit Lake Dr. 150</i>		Analysis Turnaround Time Standard <input type="checkbox"/>		Regulatory Program: <i>DEP/EPH</i> DKQP: <input type="checkbox"/>	
City <i>Valhalla NY</i>		Push Charges Authorized For: 2 Week <input checked="" type="checkbox"/>		LAB USE ONLY Job No: <i>176080</i>	
Phone <i>914-495-9935</i>		1 Week <input type="checkbox"/>		Project No:	
Fax		Other <input type="checkbox"/>		Sample Numbers	

Sample Identification	Date	Time	Matrix	No. of Cont.	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)
11 <i>PRN-B3-NS@1-1.5</i>	<i>2/22/19</i>	<i>1022</i>	<i>Soil</i>	<i>1</i>	<i>X</i>
12 <i>PRN-B3-ND@3-3.5</i>		<i>1025</i>			
13 <i>PRN-B3-WT@8-8.5</i>		<i>1028</i>			
14 <i>PRN-B3-SI@9-9.5</i>		<i>1030</i>			
15 <i>PRN-B3-SD@14.5-20</i>		<i>1035</i>			
16 <i>PRN-B4-NS@1-1.5</i>		<i>1305</i>			
17 <i>PRN-B4-ND@3-3.5</i>		<i>1307</i>			
18 <i>PRN-B4-WT@8-8.5</i>		<i>1310</i>			
19 <i>PRN-B4-SI@10.5-11</i>		<i>1312</i>			
20 <i>PRN-B4-SD@14.5-20</i>		<i>1315</i>			

Preservation Used: 1 = ICE, 2 = HCl, 3 = H<sub>2</sub>SO<sub>4</sub>, 4 = HNO<sub>3</sub>, 5 = NaOH  
Soil:  Water:

6 = Other  7 = Other

### Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by 	Company <i>Arkea Group</i>	Date / Time <i>2/22/19 18:00</i>	Received by <i>Michael J</i>	Company <i>TA</i>	Date / Time <i>2/22/19 18:00</i>
Relinquished by	Company	Date / Time	Received by	Company	Date / Time
Relinquished by	Company	Date / Time	Received by	Company	Date / Time
Relinquished by	Company	Date / Time	Received by	Company	Date / Time

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

*NO CS TR#11 2.0°C 2.2°C 5.0°C*

TAL-0016 (0715)

# TestAmerica

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Edison, New Jersey 08817  
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THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 3 of 6

Name (for report and invoice) <i>Jim Seidinger</i>		Samplers Name (Printed) <i>Jim Seidinger</i>		Site/Project Identification <i>Former McCandless Fuels</i>	
Company <i>Antea Group</i>		P. O. # <i>1</i>		State (Location of site): NJ <input checked="" type="checkbox"/> NY: <input type="checkbox"/> Other: <input type="checkbox"/>	
Address <i>500 Summit Lake Dr. 150</i>		Analysis Turnaround Time Standard <input type="checkbox"/> Rush Charges Authorized For: 2 Week <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>		Regulatory Program: <i>DES/ERK</i>	
City <i>Valhalla NY</i>		No. of Cont. <i>1</i>		LAB USE ONLY Project No: <i>170080</i>	
Phone <i>914-495-9935</i>		Matrix <i>Soil</i>		Job No:	
Sample Identification		Date		Sample Numbers	
<i>PRN-B5-1501-15</i>	<i>2/22/19</i>	<i>1005</i>	<i>Soil</i>	<i>1</i>	<i>X</i>
<i>PRN-B5-1100-3-35</i>		<i>1013</i>			
<i>PRN-B5-105-8-85</i>		<i>1055</i>			
<i>PRN-B5-SIO 105-11</i>		<i>1058</i>			
<i>PRN-B5-SIO 195-20</i>		<i>1102</i>			
<i>PRN-B6-1501-15</i>		<i>1335</i>			
<i>PRN-B6-1100-3-35</i>		<i>1337</i>			
<i>PRN-B6-1100-3-35</i>		<i>1330</i>			
<i>PRN-B6-1100-3-35</i>		<i>1332</i>			
<i>PRN-B6-SIO 105-11</i>		<i>1335</i>			
<i>PRN-B6-SIO 195-20</i>					

Preservation Used: 1 = ICE, 2 = HCl, 3 = H<sub>2</sub>SO<sub>4</sub>, 4 = HNO<sub>3</sub>, 5 = NaOH  
Soil: \_\_\_\_\_  
Water: \_\_\_\_\_

### Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by <i>[Signature]</i>	Company <i>Antea Group</i>	Date / Time <i>2/22/19 18:00</i>	Received by <i>[Signature]</i>	Company <i>TH</i>	Date / Time <i>2/22/19 18:00</i>
Relinquished by	Company	Date / Time	Received by	Company	Date / Time
Relinquished by	Company	Date / Time	Received by	Company	Date / Time
Relinquished by	Company	Date / Time	Received by	Company	Date / Time

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).  
Massachusetts (M-NU312), North Carolina (No. 578)

*NOCS TR#11 2.00 2.20 5.00*

TAL-0016 (0715)

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 4 of 6

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) <u>Tim Fisher</u>		Samplers Name (Printed) <u>Tim Fisher</u>		Site/Project Identification <u>Former Walcottless Falls</u>	
Company <u>Antea Group</u>		P. O. #		State (Location of site): NJ: <input checked="" type="checkbox"/> NY: <input type="checkbox"/> Other: <input type="checkbox"/>	
Address <u>500 Summit Lake Dr. 150</u>		Analysis Turnaround Time Standard <input type="checkbox"/> Rush Charges Authorized For: 1 Week <input type="checkbox"/> 2 Week <input checked="" type="checkbox"/> Other <input type="checkbox"/>		Regulatory Program: <u>DEP/ESA</u> DKQP: <input type="checkbox"/>	
City <u>Dallville</u> State <u>VA</u>		ANALYSIS REQUESTED (ENTER X: BELOW TO INDICATE REQUEST)		LAB USE ONLY Job No: <u>176080</u> Project No:	
Phone <u>914-495-9935</u> Fax		Sample Identification		Sample Numbers	
Date		Time		Matrix	
No. of Cont.		Soil:		Water:	
31		PRA-B7-NS@ 1-1.5		2/22/19 1245	
32		PRA-B7-ND@ 3-3.5		1247	
33		PRA-B7-UT@ 8-8.5		1250	
34		PRA-B7-SIG@ 10.5-11		1252	
35		PRA-B7-SDE@ 19.5-20		1255	
36		PRA-B8-US@ 1-1.5		1342	
37		PRA-B8-ND@ 3-3.5		1345	
38		PRA-B8-UT@ 8-8.5		1347	
39		PRA-B8-SIG@ 10.5-11		1350	
40		PRA-B8-SDE@ 19.5-20		1355	

Preservation Used: 1 = ICE, 2 = HCl, 3 = H<sub>2</sub>SO<sub>4</sub>, 4 = HNO<sub>3</sub>, 5 = NaOH  
6 = Other \_\_\_\_\_, 7 = Other \_\_\_\_\_

### Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
	<u>Antea Group</u>	<u>2/22/19 18:00</u>	<u>1) Leonard D</u>	<u>TH</u>
Relinquished by	Company	Date / Time	Received by	Company
2)			2)	
Relinquished by	Company	Date / Time	Received by	Company
3)			3)	
Relinquished by	Company	Date / Time	Received by	Company
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), T.A.L - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

NOCS TR# 11 2.00c 2.2 2.00c 5.00c

# TestAmerica

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 5 of 8

Name (for report and invoice)

1m Schwab

Samplers Name (Printed)

Site/Project Identification

Company

Antea Group

P. O. #

Analysis Turnaround Time  
Standard   
Rush Charges Authorized For:  
2 Week   
1 Week   
Other

State (Location of site): NJ:  NY:  Other:   
Regulatory Program:

Address

500 Summit Lake Dr. 150

City

Valhalla State NY

LAB USE ONLY  
Project No:

Job No: 176080

Phone

914-495-9935

Fax

914-495-9935

Sample Identification

Date

Time

Matrix

No. of Cont.

Sample Numbers

Sample Identification	Date	Time	Matrix	No. of Cont.	Soil:	Water:
41 PRA-BQ-US@ 1-15	2/22/19	1115	Soil	1		
42 PRA-BQ-US@ 3-3.5		1118				
43 PRA-BQ-US@ 8-8.5		1120				
44 PRA-BQ-US@ 10.5-11		1125				
45 PRA-BQ-US@ 15-20		1130				
46 PRA-BQ-US@ 1-15		1137				
47 PRA-BQ-US@ 3-3.5		1140				
48 PRA-BQ-US@ 8-8.5		1142				
49 PRA-BQ-US@ 10.5-11		1145				
50 PRA-BQ-US@ 15-20		1150				

Preservation Used: 1 = ICE, 2 = HCl, 3 = H<sub>2</sub>SO<sub>4</sub>, 4 = HNO<sub>3</sub>, 5 = NaOH  
6 = Other \_\_\_\_\_, 7 = Other \_\_\_\_\_

### Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) <u>[Signature]</u>	Company	2/22/19 18:00	1) <u>[Signature]</u>	Company
2)	Company		2)	Company
3)	Company		3)	Company
4)	Company		4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL-0016 (07/15)

Massachusetts (M-NJ312), North Carolina (No. 578)

NOCS IPR#11 2.20<sup>00</sup> 2.22<sup>00</sup> 5.00<sup>00</sup>



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 6 of 8

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) <b>Tim Fisher</b>		Samplers Name (Printed) <b>Tim Fisher</b>		Site/Project Identification <b>Esne McAnally's fields</b>	
Company <b>Antea Group</b>		P. O. #		State (Location of site): <b>NJ</b> NY: <input type="checkbox"/> Other: <input type="checkbox"/>	
Address <b>505 Summit Lake Dr, Suite 150</b>		Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>		Regulatory Program: <b>DEP/EPA</b> DKOP: <input type="checkbox"/>	
City <b>Valhalla</b> State <b>NY</b>		No. of Cont.		LAB USE ONLY Project No:	
Phone <b>914-445-9435</b> Fax		No. of Cont. <b>PC 110 8082A</b>		Job No: <b>176080</b>	
Sample Identification		Date	Time	Matrix	No. of Cont.
<b>51</b> DUP-1		<b>2/22/19</b>		<b>Soil</b>	<b>1</b>
<b>52</b> DUP-2					<b>X</b>
<b>53</b> DUP-3					<b>X</b>
<b>54</b> PRA-EB-1			<b>1350</b>	<b>Water</b>	<b>4</b>
<b>SP-EB-1-7P</b>					<b>X</b>
Preservation Used: 1 = ICE, 2 = HCl, 3 = H <sub>2</sub> SO <sub>4</sub> , 4 = HNO <sub>3</sub> , 5 = NaOH Soil: <input type="checkbox"/> Water: <input type="checkbox"/>					
6 = Other <input type="checkbox"/> 7 = Other <input type="checkbox"/>					

### Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
	<b>Antea Group</b>	<b>2/22/19 1800</b>	<b>1) Leonard J</b>	<b>2/22/19</b>
Relinquished by	Company	Date / Time	Received by	Company
			<b>2)</b>	
Relinquished by	Company	Date / Time	Received by	Company
			<b>3)</b>	
Relinquished by	Company	Date / Time	Received by	Company
			<b>4)</b>	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).  
Massachusetts (M-NU312), North Carolina (No. 578)

**NOTES TR#11 2000 2.22 5:00**



# Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-176080-1

**Login Number: 176080**

**List Source: TestAmerica Edison**

**List Number: 1**

**Creator: Jara, Kelly D**

<b>Question</b>	<b>Answer</b>	<b>Comment</b>
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	