TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

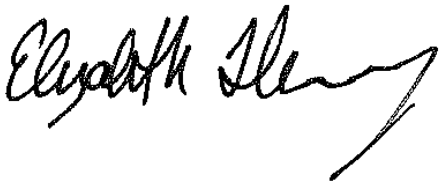
ANALYTICAL REPORT

Job Number: 460-118325-2

Job Description: McCandless

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

Attention: Timothy Fisher



Approved for release.
Elizabeth J Flannery
Project Management Assistant I
9/12/2016 1:16 PM

Designee for
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09/12/2016

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-118325-2

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 8/8/2016 7:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.1° C.

Receipt Exceptions

The following samples were activated for PCB analysis by the client on 8/22/2016: 460-118325-11, 460-118325-14 and 460-118325-16. Samples were activated with less than 8 hours left before hold time expired. Samples were prepped out of hold.

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-P25E2-8.25 (460-118325-8), PRA-P25E3-8.25 (460-118325-11), PRA-P25E3-10.75 (460-118325-12), PRA-P25E-10.75 (460-118325-14) and PRA-P25E1-8.25 (460-118325-16) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 08/22/2016 and 08/23/2016 and analyzed on 08/23/2016.

Aroclor 1260 failed the recovery criteria low for the MS of sample PRA-P25E3-8.25MS (460-118325-11) in batch 460-386235. Aroclor 1016 failed the recovery criteria high.

Aroclor 1016 failed the recovery criteria high for the MSD of sample PRA-P25E3-8.25MSD (460-118325-11) in batch 460-386235.

Refer to the QC report for details.

Samples PRA-P25E3-8.25 (460-118325-11)[5X] and PRA-P25E1-8.25 (460-118325-16)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples PRA-P25E2-8.25 (460-118325-8), PRA-P25E3-8.25 (460-118325-11), PRA-P25E3-10.75 (460-118325-12), PRA-P25E-10.75 (460-118325-14) and PRA-P25E1-8.25 (460-118325-16) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 08/24/2016 and 09/07/2016.

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

All quality control parameters were within the acceptance limits.

Sample Summary

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

TestAmerica Job ID: 460-118325-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-118325-8	PRA-P25E2-8.25	Solid	08/08/16 11:08	08/08/16 19:10
460-118325-11	PRA-P25E3-8.25	Solid	08/08/16 10:53	08/08/16 19:10
460-118325-12	PRA-P25E3-10.75	Solid	08/08/16 10:50	08/08/16 19:10
460-118325-14	PRA-P25E-10.75	Solid	08/08/16 10:18	08/08/16 19:10
460-118325-16	PRA-P25E1-8.25	Solid	08/08/16 09:52	08/08/16 19:10

Detection Summary

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

TestAmerica Job ID: 460-118325-2

Client Sample ID: PRA-P25E2-8.25 — Lab Sample ID: 460-118325-8

No Detections.

Client Sample ID: PRA-P25E3-8.25 — Lab Sample ID: 460-118325-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1248	2600		370	49	ug/Kg	5	☼	8082A	Total/NA
Aroclor 1260	710	F1	370	51	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PRA-P25E3-10.75 — Lab Sample ID: 460-118325-12

No Detections.

Client Sample ID: PRA-P25E-10.75 — Lab Sample ID: 460-118325-14

No Detections.

Client Sample ID: PRA-P25E1-8.25 — Lab Sample ID: 460-118325-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1248	1400		160	21	ug/Kg	2	☼	8082A	Total/NA
Aroclor 1260	140	J	160	21	ug/Kg	2	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

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

TestAmerica Job ID: 460-118325-2

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI

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 ID: PRA-P25E2-8.25

Lab Sample ID: 460-118325-8

Date Collected: 08/08/16 11:08
Matrix: Solid
Date Received: 08/08/16 19:10
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1
Aroclor 1221	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1
Aroclor 1232	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1
Aroclor 1242	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1
Aroclor 1248	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1
Aroclor 1254	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1
Aroclor 1260	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1
Aroclor 1262	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1
Aroclor 1268	10	U H	76	10	ug/Kg	☼	08/23/16 09:26	08/23/16 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*47 - 150*	*08/23/16 09:26*	*08/23/16 13:08*	*1*
DCB Decachlorobiphenyl	*121*		*47 - 150*	*08/23/16 09:26*	*08/23/16 13:08*	*1*

Client Sample ID: PRA-P25E3-8.25

Lab Sample ID: 460-118325-11

Date Collected: 08/08/16 10:53
Matrix: Solid
Date Received: 08/08/16 19:10
Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	49	U F1	370	49	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5
Aroclor 1221	49	U	370	49	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5
Aroclor 1232	49	U	370	49	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5
Aroclor 1242	49	U	370	49	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5
Aroclor 1248	**2600**		370	49	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5
Aroclor 1254	51	U	370	51	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5
Aroclor 1260	**710**	**F1**	370	51	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5
Aroclor 1262	51	U	370	51	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5
Aroclor 1268	51	U	370	51	ug/Kg	☼	08/22/16 22:43	08/23/16 09:05	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*47 - 150*	*08/22/16 22:43*	*08/23/16 09:05*	*5*
DCB Decachlorobiphenyl	*94*		*47 - 150*	*08/22/16 22:43*	*08/23/16 09:05*	*5*

Client Sample ID: PRA-P25E3-10.75

Lab Sample ID: 460-118325-12

Date Collected: 08/08/16 10:50
Matrix: Solid
Date Received: 08/08/16 19:10
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1
Aroclor 1221	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1
Aroclor 1232	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1
Aroclor 1242	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1
Aroclor 1248	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1
Aroclor 1254	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1
Aroclor 1260	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1
Aroclor 1262	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1
Aroclor 1268	11	U H	79	11	ug/Kg	☼	08/23/16 22:43	08/23/16 13:23	1

Client Sample ID: PRA-P25E3-10.75

Lab Sample ID: 460-118325-12

Date Collected: 08/08/16 10:50
Matrix: Solid
Date Received: 08/08/16 19:10
Percent Solids: 84.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*47 - 150*	*08/23/16 22:43*	*08/23/16 13:23*	*1*
DCB Decachlorobiphenyl	*113*		*47 - 150*	*08/23/16 22:43*	*08/23/16 13:23*	*1*

Client Sample ID: PRA-P25E-10.75

Lab Sample ID: 460-118325-14

Date Collected: 08/08/16 10:18
Matrix: Solid
Date Received: 08/08/16 19:10
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	☼	08/22/16 22:43	08/23/16 10:04	1
Aroclor 1221	10	U	79	10	ug/Kg	☼	08/22/16 22:43	08/23/16 10:04	1
Aroclor 1232	10	U	79	10	ug/Kg	☼	08/22/16 22:43	08/23/16 10:04	1
Aroclor 1242	10	U	79	10	ug/Kg	☼	08/22/16 22:43	08/23/16 10:04	1
Aroclor 1248	10	U	79	10	ug/Kg	☼	08/22/16 22:43	08/23/16 10:04	1
Aroclor 1254	11	U	79	11	ug/Kg	☼	08/22/16 22:43	08/23/16 10:04	1
Aroclor 1260	11	U	79	11	ug/Kg	☼	08/22/16 22:43	08/23/16 10:04	1
Aroclor 1262	11	U	79	11	ug/Kg	☼	08/22/16 22:43	08/23/16 10:04	1
Aroclor 1268	11	U	79	11	ug/Kg	☼	08/22/16 22:43	08/23/16 10:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*47 - 150*	*08/22/16 22:43*	*08/23/16 10:04*	*1*
DCB Decachlorobiphenyl	*103*		*47 - 150*	*08/22/16 22:43*	*08/23/16 10:04*	*1*

Client Sample ID: PRA-P25E1-8.25

Lab Sample ID: 460-118325-16

Date Collected: 08/08/16 09:52
Matrix: Solid
Date Received: 08/08/16 19:10
Percent Solids: 86.3

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	☼	08/22/16 22:43	08/23/16 10:42	2
Aroclor 1221	21	U	160	21	ug/Kg	☼	08/22/16 22:43	08/23/16 10:42	2
Aroclor 1232	21	U	160	21	ug/Kg	☼	08/22/16 22:43	08/23/16 10:42	2
Aroclor 1242	21	U	160	21	ug/Kg	☼	08/22/16 22:43	08/23/16 10:42	2
Aroclor 1248	**1400**		160	21	ug/Kg	☼	08/22/16 22:43	08/23/16 10:42	2
Aroclor 1254	21	U	160	21	ug/Kg	☼	08/22/16 22:43	08/23/16 10:42	2
Aroclor 1260	**140**	**J**	160	21	ug/Kg	☼	08/22/16 22:43	08/23/16 10:42	2
Aroclor 1262	21	U	160	21	ug/Kg	☼	08/22/16 22:43	08/23/16 10:42	2
Aroclor 1268	21	U	160	21	ug/Kg	☼	08/22/16 22:43	08/23/16 10:42	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*47 - 150*	*08/22/16 22:43*	*08/23/16 10:42*	*2*
DCB Decachlorobiphenyl	*105*		*47 - 150*	*08/22/16 22:43*	*08/23/16 10:42*	*2*

Surrogate Summary

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

TestAmerica Job ID: 460-118325-2

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB1 (47-150)	DCB2 (47-150)
460-118325-8	PRA-P25E2-8.25	108	121
460-118325-11	PRA-P25E3-8.25	85	94
460-118325-11 MS	PRA-P25E3-8.25	90	100
460-118325-11 MSD	PRA-P25E3-8.25	100	103
460-118325-12	PRA-P25E3-10.75	102	113
460-118325-14	PRA-P25E-10.75	93	103
460-118325-16	PRA-P25E1-8.25	97	105
LCS 460-386170/2-A	Lab Control Sample	105	116
MB 460-386170/1-A	Method Blank	102	116

Surrogate Legend

DCB = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 460-386170/1-A
Matrix: Solid
Analysis Batch: 386235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 386170

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	8.9	U	67	8.9	ug/Kg		08/22/16 22:43	08/23/16 07:35	1
Aroclor 1221	8.9	U	67	8.9	ug/Kg		08/22/16 22:43	08/23/16 07:35	1
Aroclor 1232	8.9	U	67	8.9	ug/Kg		08/22/16 22:43	08/23/16 07:35	1
Aroclor 1242	8.9	U	67	8.9	ug/Kg		08/22/16 22:43	08/23/16 07:35	1
Aroclor 1248	8.9	U	67	8.9	ug/Kg		08/22/16 22:43	08/23/16 07:35	1
Aroclor 1254	9.2	U	67	9.2	ug/Kg		08/22/16 22:43	08/23/16 07:35	1
Aroclor 1260	9.2	U	67	9.2	ug/Kg		08/22/16 22:43	08/23/16 07:35	1
Aroclor 1262	9.2	U	67	9.2	ug/Kg		08/22/16 22:43	08/23/16 07:35	1
Aroclor 1268	9.2	U	67	9.2	ug/Kg		08/22/16 22:43	08/23/16 07:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*47 - 150*	*08/22/16 22:43*	*08/23/16 07:35*	*1*
DCB Decachlorobiphenyl	*116*		*47 - 150*	*08/22/16 22:43*	*08/23/16 07:35*	*1*

Lab Sample ID: LCS 460-386170/2-A
Matrix: Solid
Analysis Batch: 386235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 386170

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	333	428		ug/Kg		128	70 - 149
Aroclor 1016	333	466		ug/Kg		140	70 - 149
Aroclor 1260	333	424		ug/Kg		127	71 - 150
Aroclor 1260	333	461		ug/Kg		138	71 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*105*		*47 - 150*
DCB Decachlorobiphenyl	*116*		*47 - 150*

Lab Sample ID: 460-118325-11 MS
Matrix: Solid
Analysis Batch: 386235

Client Sample ID: PRA-P25E3-8.25
Prep Type: Total/NA
Prep Batch: 386170

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	49	U F1	370	1720	F1	ug/Kg	☼	464	70 - 149
Aroclor 1016	49	U F1	370	1510	F1	ug/Kg	☼	409	70 - 149
Aroclor 1260	680	F1	370	920	F1	ug/Kg	☼	66	71 - 150
Aroclor 1260	710	F1	370	950	F1	ug/Kg	☼	66	71 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*47 - 150*
DCB Decachlorobiphenyl	*100*		*47 - 150*

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

Lab Sample ID: 460-118325-11 MSD
Matrix: Solid
Analysis Batch: 386235

Client Sample ID: PRA-P25E3-8.25
Prep Type: Total/NA
Prep Batch: 386170

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	49	U F1	370	2100	F1	ug/Kg	☼	568	70 - 149	20	30
Aroclor 1016	49	U F1	370	1830	F1	ug/Kg	☼	495	70 - 149	19	30
Aroclor 1260	680	F1	370	1110		ug/Kg	☼	117	71 - 150	19	30
Aroclor 1260	710	F1	370	1110		ug/Kg	☼	110	71 - 150	16	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*47 - 150*
DCB Decachlorobiphenyl	*103*		*47 - 150*

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
U	Indicates the analyte was analyzed for but not detected.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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: McCandless

TestAmerica Job ID: 460-118325-2

GC Semi VOA

Prep Batch: 386170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-118325-8	PRA-P25E2-8.25	Total/NA	Solid	3546	
460-118325-11	PRA-P25E3-8.25	Total/NA	Solid	3546	
460-118325-12	PRA-P25E3-10.75	Total/NA	Solid	3546	
460-118325-14	PRA-P25E-10.75	Total/NA	Solid	3546	
460-118325-16	PRA-P25E1-8.25	Total/NA	Solid	3546	
MB 460-386170/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-386170/2-A	Lab Control Sample	Total/NA	Solid	3546	
460-118325-11 MS	PRA-P25E3-8.25	Total/NA	Solid	3546	
460-118325-11 MSD	PRA-P25E3-8.25	Total/NA	Solid	3546	

Analysis Batch: 386235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-118325-8	PRA-P25E2-8.25	Total/NA	Solid	8082A	386170
460-118325-11	PRA-P25E3-8.25	Total/NA	Solid	8082A	386170
460-118325-12	PRA-P25E3-10.75	Total/NA	Solid	8082A	386170
460-118325-14	PRA-P25E-10.75	Total/NA	Solid	8082A	386170
460-118325-16	PRA-P25E1-8.25	Total/NA	Solid	8082A	386170
MB 460-386170/1-A	Method Blank	Total/NA	Solid	8082A	386170
LCS 460-386170/2-A	Lab Control Sample	Total/NA	Solid	8082A	386170
460-118325-11 MS	PRA-P25E3-8.25	Total/NA	Solid	8082A	386170
460-118325-11 MSD	PRA-P25E3-8.25	Total/NA	Solid	8082A	386170

General Chemistry

Analysis Batch: 386561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-118325-8	PRA-P25E2-8.25	Total/NA	Solid	Moisture	
460-118325-11	PRA-P25E3-8.25	Total/NA	Solid	Moisture	
460-118325-14	PRA-P25E-10.75	Total/NA	Solid	Moisture	
460-118325-16	PRA-P25E1-8.25	Total/NA	Solid	Moisture	
460-118634-A-3 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 389003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-118325-12	PRA-P25E3-10.75	Total/NA	Solid	Moisture	

Client Sample ID: PRA-P25E2-8.25
Lab Sample ID: 460-118325-8
Date Collected: 08/08/16 11:08
Matrix: Solid
Date Received: 08/08/16 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	386561	08/24/16 14:16	KJA	TAL EDI

Client Sample ID: PRA-P25E2-8.25
Lab Sample ID: 460-118325-8
Date Collected: 08/08/16 11:08
Matrix: Solid
Date Received: 08/08/16 19:10
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			386170	08/23/16 09:26	ARA	TAL EDI
Total/NA	Analysis	8082A		1	386235	08/23/16 13:08	JHP	TAL EDI

Client Sample ID: PRA-P25E3-8.25
Lab Sample ID: 460-118325-11
Date Collected: 08/08/16 10:53
Matrix: Solid
Date Received: 08/08/16 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	386561	08/24/16 14:16	KJA	TAL EDI

Client Sample ID: PRA-P25E3-8.25
Lab Sample ID: 460-118325-11
Date Collected: 08/08/16 10:53
Matrix: Solid
Date Received: 08/08/16 19:10
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			386170	08/22/16 22:43	ARA	TAL EDI
Total/NA	Analysis	8082A		5	386235	08/23/16 09:05	JHP	TAL EDI

Client Sample ID: PRA-P25E3-10.75
Lab Sample ID: 460-118325-12
Date Collected: 08/08/16 10:50
Matrix: Solid
Date Received: 08/08/16 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	389003	09/07/16 08:52	RWC	TAL EDI

Client Sample ID: PRA-P25E3-10.75
Lab Sample ID: 460-118325-12
Date Collected: 08/08/16 10:50
Matrix: Solid
Date Received: 08/08/16 19:10
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1	386235	08/23/16 13:23	JHP	TAL EDI
Total/NA	Prep	3546			386170	08/23/16 22:43	ARA	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-118325-2

Client Sample ID: PRA-P25E-10.75
Date Collected: 08/08/16 10:18
Date Received: 08/08/16 19:10

Lab Sample ID: 460-118325-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	386561	08/24/16 14:16	KJA	TAL EDI

Client Sample ID: PRA-P25E-10.75
Date Collected: 08/08/16 10:18
Date Received: 08/08/16 19:10

Lab Sample ID: 460-118325-14
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			386170	08/22/16 22:43	ARA	TAL EDI
Total/NA	Analysis	8082A		1	386235	08/23/16 10:04	JHP	TAL EDI

Client Sample ID: PRA-P25E1-8.25
Date Collected: 08/08/16 09:52
Date Received: 08/08/16 19:10

Lab Sample ID: 460-118325-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	386561	08/24/16 14:16	KJA	TAL EDI

Client Sample ID: PRA-P25E1-8.25
Date Collected: 08/08/16 09:52
Date Received: 08/08/16 19:10

Lab Sample ID: 460-118325-16
Matrix: Solid
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			386170	08/22/16 22:43	ARA	TAL EDI
Total/NA	Analysis	8082A		2	386235	08/23/16 10:42	JHP	TAL EDI

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 460-118325-2

Laboratory: TestAmerica Edison

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Matrix: Solid 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-P25E2-8.25	460-118325-8	121	108
PRA-P25E3-8.25	460-118325-11	94	85
PRA-P25E3-10.75	460-118325-12	113	102
PRA-P25E-10.75	460-118325-14	103	93
PRA-P25E1-8.25	460-118325-16	105	97
	MB 460-386170/1-A	116	102
	LCS 460-386170/2-A	116	105
PRA-P25E3-8.25 MS	460-118325-11 MS	100	90
PRA-P25E3-8.25 MSD	460-118325-11 MSD	103	100

	QC LIMITS
DCBP = DCB Decachlorobiphenyl	47-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1332045.D

Lab ID: LCS 460-386170/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	428	128	70-149	
Aroclor 1016	333	466	140	70-149	
Aroclor 1260	333	424	127	71-150	
Aroclor 1260	333	461	138	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1332051.D

Lab ID: 460-118325-11 MS Client ID: PRA-P25E3-8.25 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	370	49 U	1720	464	70-149	F1
Aroclor 1016	370	49 U	1510	409	70-149	F1
Aroclor 1260	370	680	920	66	71-150	F1
Aroclor 1260	370	710	950	66	71-150	F1

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1332052.D

Lab ID: 460-118325-11 MSD Client ID: PRA-P25E3-8.25 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	370	2100	568	20	30	70-149	F1
Aroclor 1016	370	1830	495	19	30	70-149	F1
Aroclor 1260	370	1110	117	19	30	71-150	
Aroclor 1260	370	1110	110	16	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: MB 460-386170/1-A

Matrix: Solid Date Extracted: 08/22/2016 22:43

Lab File ID:(1) T1332044.D Lab File ID:(2) T1332044.D

Date Analyzed:(1) 08/23/2016 07:35 Date Analyzed:(2) 08/23/2016 07:35

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

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 460-386170/2-A	08/23/2016 07:50	08/23/2016 07:50
PRA-P25E3-8.25	460-118325-11	08/23/2016 09:05	08/23/2016 09:05
PRA-P25E3-8.25 MS	460-118325-11 MS	08/23/2016 09:19	08/23/2016 09:19
PRA-P25E3-8.25 MSD	460-118325-11 MSD	08/23/2016 09:34	08/23/2016 09:34
PRA-P25E-10.75	460-118325-14	08/23/2016 10:04	08/23/2016 10:04
PRA-P25E1-8.25	460-118325-16	08/23/2016 10:42	08/23/2016 10:42
PRA-P25E2-8.25	460-118325-8	08/23/2016 13:08	08/23/2016 13:08
PRA-P25E3-10.75	460-118325-12	08/23/2016 13:23	08/23/2016 13:23

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Sample No.: IC 460-374290/4 Date Analyzed: 06/17/2016 17:18

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1329659.D Heated Purge: (Y/N) N

Calibration ID: 56313

		DCBP					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION SURROGATE		171272113	10.54				
UPPER LIMIT			10.61				
LOWER LIMIT			10.47				
LAB SAMPLE ID	CLIENT SAMPLE ID						

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Sample No.: IC 460-374290/4 Date Analyzed: 06/17/2016 17:18

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): T1329659.D Heated Purge: (Y/N) N

Calibration ID: 56314

		DCBP					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION SURROGATE		200322733	9.07				
UPPER LIMIT			9.14				
LOWER LIMIT			9.00				
LAB SAMPLE ID	CLIENT SAMPLE ID						

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Sample No.: CCVIS 460-386235/2 Date Analyzed: 08/23/2016 07:12

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1332043.D Heated Purge: (Y/N) N

Calibration ID: 56355

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		39864868	1.52				
UPPER LIMIT		79729736	1.59				
LOWER LIMIT		19932434	1.45				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-386170/1-A		37789205	1.52				
LCS 460-386170/2-A		38302377	1.52				
460-118325-11	PRA-P25E3-8.25	40061579	1.52				
460-118325-11 MS	PRA-P25E3-8.25 MS	40494740	1.52				
460-118325-11 MSD	PRA-P25E3-8.25 MSD	39370403	1.52				
CCV 460-386235/12		57900265	1.52				
460-118325-14	PRA-P25E-10.75	37054277	1.52				
460-118325-16	PRA-P25E1-8.25	36144277	1.52				

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 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Sample No.: CCVIS 460-386235/2 Date Analyzed: 08/23/2016 07:12

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): T1332043.D Heated Purge: (Y/N) N

Calibration ID: 56356

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42615964	1.35				
UPPER LIMIT		85231928	1.42				
LOWER LIMIT		21307982	1.28				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-386170/1-A		38330897	1.34				
LCS 460-386170/2-A		39820983	1.35				
460-118325-11	PRA-P25E3-8.25	41345640	1.35				
460-118325-11 MS	PRA-P25E3-8.25 MS	42343763	1.35				
460-118325-11 MSD	PRA-P25E3-8.25 MSD	41031040	1.35				
CCV 460-386235/12		61071898	1.35				
460-118325-14	PRA-P25E-10.75	38451844	1.35				
460-118325-16	PRA-P25E1-8.25	38108583	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 VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Sample No.: CCVIS 460-386235/23 Date Analyzed: 08/23/2016 12:51

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1332064.D Heated Purge: (Y/N) N

Calibration ID: 56355

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		40178168	1.52				
UPPER LIMIT		80356336	1.59				
LOWER LIMIT		20089084	1.45				
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-118325-8	PRA-P25E2-8.25	42166452	1.52				
460-118325-12	PRA-P25E3-10.75	40466286	1.52				

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 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Sample No.: CCVIS 460-386235/23 Date Analyzed: 08/23/2016 12:51

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): T1332064.D Heated Purge: (Y/N) N

Calibration ID: 56356

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42624136	1.34				
UPPER LIMIT		85248272	1.41				
LOWER LIMIT		21312068	1.27				
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-118325-8	PRA-P25E2-8.25	43521205	1.35				
460-118325-12	PRA-P25E3-10.75	41568964	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 VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 Lab Sample ID: 460-118325-11

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 08/23/2016 09:05 Date Analyzed (2): 08/23/2016 09:05

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 1248	1	1	2.68	2.65	2.71	3100	2500	5.6
		2	3.15	3.13	3.19	1920		
		3	3.50	3.47	3.53	3290		
		4	3.82	3.79	3.85	2110		
		5	4.20	4.16	4.22	3030		
		6	4.42	4.39	4.45	2310		
		7	4.84	4.81	4.87	2220		
		8	5.44	5.41	5.47	1770		
	2	1	3.44	3.41	3.47	2790	2600	
		2	3.95	3.92	3.98	1870		
		3	4.35	4.32	4.38	2850		
		4	4.39	4.37	4.43	3340		
		5	4.78	4.76	4.82	2400		
		6	5.08	5.06	5.12	2530		
		7	5.13	5.11	5.17	3020		
		8	6.21	6.19	6.25	2070		
Aroclor 1260	1	3	5.80	5.77	5.83	728	710	4.3
		4	6.11	6.08	6.14	677		
		5	6.54	6.51	6.57	750		
		6	6.96	6.92	6.98	648		
		7	7.10	7.06	7.12	720		
		8	8.05	8.01	8.07	719		
	2	3	6.47	6.44	6.50	756	680	
		4	7.17	7.14	7.20	706		
		5	7.67	7.64	7.70	657		
		6	8.16	8.14	8.20	673		
		7	8.89	8.86	8.92	645		
		8	9.94	9.91	9.97	625		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 MS Lab Sample ID: 460-118325-11 MS

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 08/23/2016 09:19 Date Analyzed (2): 08/23/2016 09:19

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	2.33	2.30	2.36	470	1510	12.6
		2	2.68	2.65	2.71	1370		
		3	2.86	2.85	2.91	1650		
		4	3.15	3.12	3.18	1110		
		5	3.31	3.26	3.32	988		
		6	3.35	3.33	3.39	571		
		7	3.73	3.70	3.76	3320		
		8	3.82	3.79	3.85	2620		
	2	1	2.97	2.94	3.00	471	1720	
		2	3.43	3.41	3.47	1240		
		3	3.70	3.68	3.74	1040		
		4	3.95	3.92	3.98	1090		
		5	4.10	4.08	4.14	774		
		6	4.35	4.32	4.38	3560		
		7	4.65	4.62	4.68	3000		
		8	4.78	4.76	4.82	2550		
Aroclor 1260	1	1	5.04	5.01	5.07	1090	950	3.2
		2	5.66	5.63	5.69	979		
		3	5.80	5.77	5.83	930		
		4	6.11	6.08	6.14	876		
		5	6.54	6.51	6.57	984		
		6	6.95	6.92	6.98	825		
		7	7.09	7.06	7.12	965		
		8	8.04	8.01	8.07	955		
	2	1	5.95	5.92	5.98	1050	920	
		2	6.16	6.13	6.19	1120		
		3	6.47	6.44	6.50	924		
		4	7.17	7.14	7.20	871		
		5	7.67	7.64	7.70	873		
		6	8.16	8.14	8.20	844		
		7	8.89	8.86	8.92	847		
		8	9.94	9.91	9.97	828		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 MSD Lab Sample ID: 460-118325-11 MSD

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 08/23/2016 09:34 Date Analyzed (2): 08/23/2016 09:34

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	2.33	2.30	2.36	534	1830	13.8
		2	2.68	2.65	2.71	1660		
		3	2.86	2.85	2.91	1980		
		4	3.15	3.12	3.18	1350		
		5	3.31	3.26	3.32	1170		
		6	3.36	3.33	3.39	614		
		7	3.73	3.70	3.76	4080		
		8	3.82	3.79	3.85	3250		
	2	1	2.97	2.94	3.00	476	2100	
		2	3.43	3.41	3.47	1510		
		3	3.70	3.68	3.74	1250		
		4	3.95	3.92	3.98	1310		
		5	4.10	4.08	4.14	901		
		6	4.35	4.32	4.38	4400		
		7	4.65	4.62	4.68	3720		
		8	4.78	4.76	4.82	3240		
Aroclor 1260	1	1	5.04	5.01	5.07	1260	1110	0.5
		2	5.66	5.63	5.69	1150		
		3	5.80	5.77	5.83	1090		
		4	6.11	6.08	6.14	1030		
		5	6.54	6.51	6.57	1140		
		6	6.95	6.92	6.98	1000		
		7	7.09	7.06	7.12	1150		
		8	8.04	8.01	8.07	1100		
	2	1	5.95	5.92	5.98	1280	1110	
		2	6.16	6.13	6.19	1390		
		3	6.47	6.44	6.50	1110		
		4	7.17	7.14	7.20	1090		
		5	7.67	7.64	7.70	1020		
		6	8.16	8.14	8.20	1000		
		7	8.88	8.86	8.92	1000		
		8	9.93	9.91	9.97	976		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E1-8.25 Lab Sample ID: 460-118325-16

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 08/23/2016 10:42 Date Analyzed (2): 08/23/2016 10:42

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 1248	1	1	2.68	2.65	2.71	3320	1400	1.5
		2	3.15	3.13	3.19	2390		
		3	3.50	3.47	3.53	1060		
		4	3.81	3.79	3.85	1000		
		5	4.18	4.16	4.22	1010		
		6	4.41	4.39	4.45	875		
		7	4.84	4.81	4.87	648		
		8	5.43	5.41	5.47	708		
	2	1	3.44	3.41	3.47	2950	1400	
		2	3.96	3.92	3.98	2370		
		3	4.36	4.32	4.38	950		
		4	4.40	4.37	4.43	1190		
		5	4.79	4.76	4.82	1140		
		6	5.09	5.06	5.12	927		
		7	5.14	5.11	5.17	1010		
		8	6.22	6.19	6.25	644		
Aroclor 1260	1	1	5.04	5.01	5.07	146	140	10.1
		2	5.65	5.63	5.69	186		
		3	5.80	5.77	5.83	176		
		4	6.10	6.08	6.14	122		
		5	6.54	6.51	6.57	125		
		6	6.95	6.92	6.98	122		
		7	7.09	7.06	7.12	116		
		8	8.04	8.01	8.07	121		
	2	2	6.17	6.13	6.19	144	130	
		3	6.48	6.44	6.50	139		
		4	7.18	7.14	7.20	122		
		5	7.68	7.64	7.70	115		
		6	8.17	8.14	8.20	128		
		7	8.89	8.86	8.92	118		
		8	9.94	9.91	9.97	114		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-386170/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 08/23/2016 07:50 Date Analyzed (2): 08/23/2016 07:50

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	2.32	2.30	2.36	461	466	8.5
		2	2.68	2.65	2.71	469		
		3	2.88	2.85	2.91	475		
		4	3.15	3.12	3.18	464		
		5	3.29	3.26	3.32	462		
		6	3.36	3.33	3.39	451		
		7	3.73	3.70	3.76	446		
		8	3.82	3.79	3.85	498		
	2	1	2.97	2.94	3.00	427	428	
		2	3.43	3.41	3.47	427		
		3	3.70	3.68	3.74	414		
		4	3.95	3.92	3.98	426		
		5	4.11	4.08	4.14	425		
		6	4.35	4.32	4.38	443		
		7	4.65	4.62	4.68	424		
		8	4.78	4.76	4.82	437		
Aroclor 1260	1	1	5.04	5.01	5.07	461	461	8.4
		2	5.66	5.63	5.69	464		
		3	5.80	5.77	5.83	436		
		4	6.10	6.08	6.14	441		
		5	6.54	6.51	6.57	493		
		6	6.95	6.92	6.98	424		
		7	7.09	7.06	7.12	478		
		8	8.04	8.01	8.07	494		
	2	1	5.95	5.92	5.98	437	424	
		2	6.16	6.13	6.19	429		
		3	6.47	6.44	6.50	426		
		4	7.17	7.14	7.20	427		
		5	7.67	7.64	7.70	422		
		6	8.16	8.14	8.20	417		
		7	8.88	8.86	8.92	414		
		8	9.93	9.91	9.97	421		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E2-8.25 Lab Sample ID: 460-118325-8

Matrix: Solid Lab File ID: T1332065.D

Analysis Method: 8082A Date Collected: 08/08/2016 11:08

Extraction Method: 3546 Date Extracted: 08/23/2016 09:26

Sample wt/vol: 15.0020(g) Date Analyzed: 08/23/2016 13:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332065.D
Lims ID: 460-118325-A-8-A
Client ID: PRA-P25E2-8.25
Sample Type: Client
Inject. Date: 23-Aug-2016 13:08:28 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-024
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:44:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.517	1.517	0.000	42166452	20.0	
2	1.345	1.347	-0.002	43521205	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.512	10.497	0.015	81702757	54.2	
2	8.982	8.983	-0.001	126588717	60.4	
					RPD = 10.92	

Reagents:

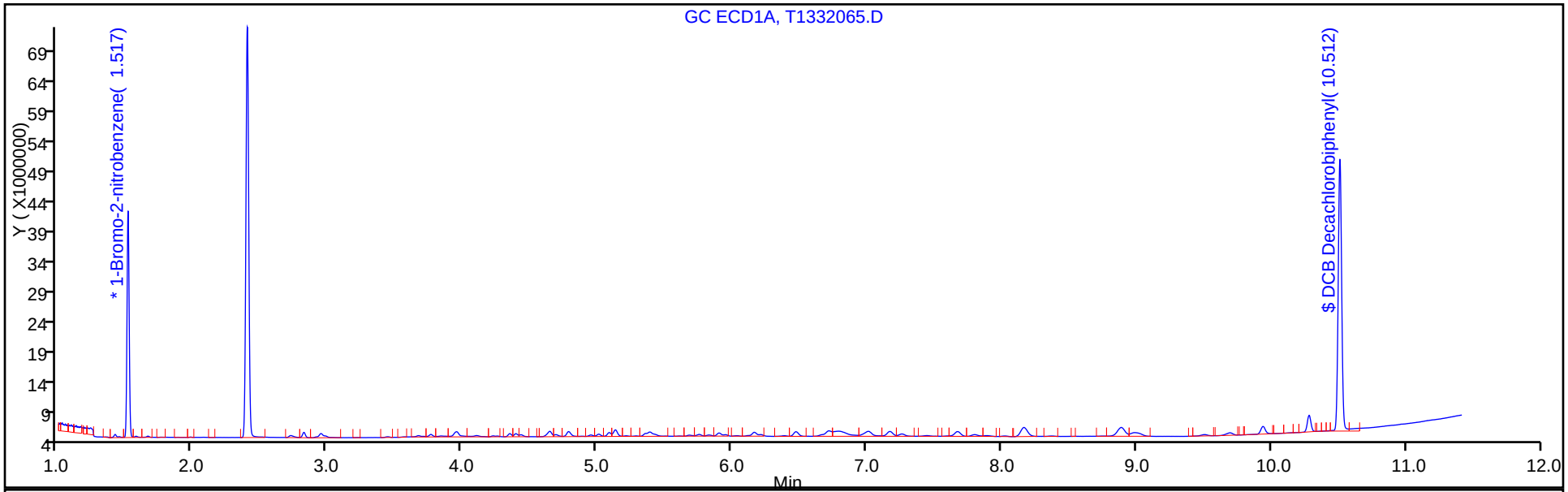
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

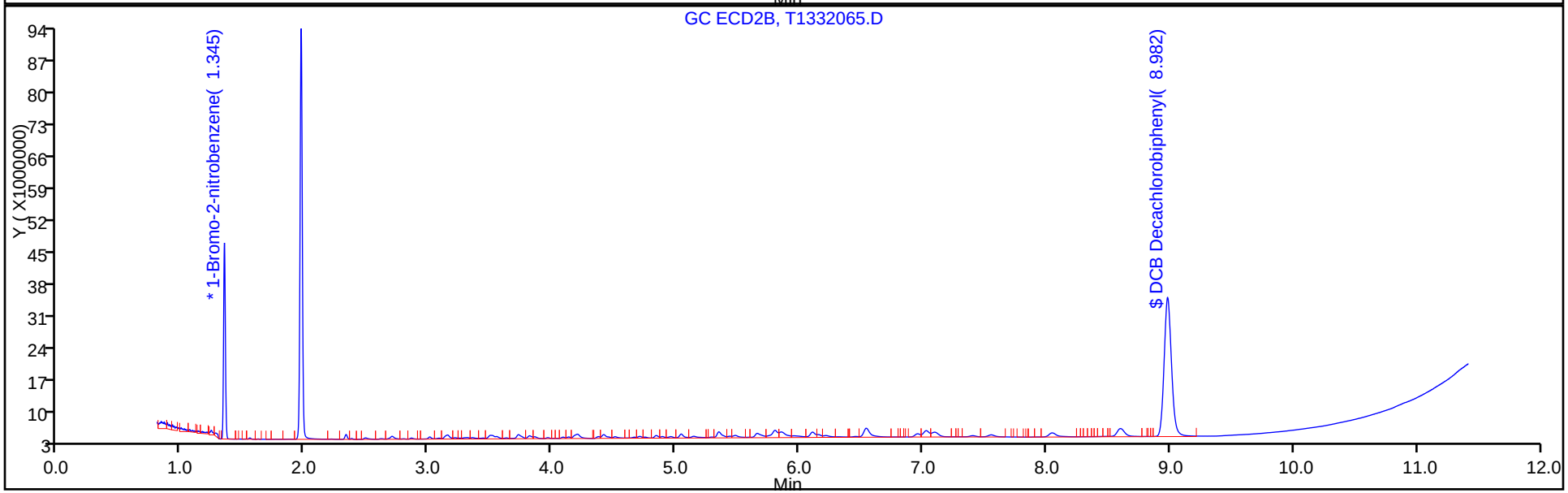
Report Date: 23-Aug-2016 14:42:40 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332065.D

Injection Date:	23-Aug-2016 13:08:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-8-A	Lab Sample ID:	460-118325-8	Worklist Smp#:	24
Client ID:	PRA-P25E2-8.25				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E2-8.25 | Lab Sample ID: 460-118325-8

Matrix: Solid | Lab File ID: T1332065.D

Analysis Method: 8082A | Date Collected: 08/08/2016 11:08

Extraction Method: 3546 | Date Extracted: 08/23/2016 09:26

Sample wt/vol: 15.0020(g) | Date Analyzed: 08/23/2016 13:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U H	76	10
11104-28-2	Aroclor 1221	10	U H	76	10
11141-16-5	Aroclor 1232	10	U H	76	10
53469-21-9	Aroclor 1242	10	U H	76	10
12672-29-6	Aroclor 1248	10	U H	76	10
11097-69-1	Aroclor 1254	10	U H	76	10
11096-82-5	Aroclor 1260	10	U H	76	10
37324-23-5	Aroclor 1262	10	U H	76	10
11100-14-4	Aroclor 1268	10	U H	76	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332065.D
Lims ID: 460-118325-A-8-A
Client ID: PRA-P25E2-8.25
Sample Type: Client
Inject. Date: 23-Aug-2016 13:08:28 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-024
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:44:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.517	1.517	0.000	42166452	20.0	
2	1.345	1.347	-0.002	43521205	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.512	10.497	0.015	81702757	54.2	
2	8.982	8.983	-0.001	126588717	60.4	
					RPD = 10.92	

Reagents:

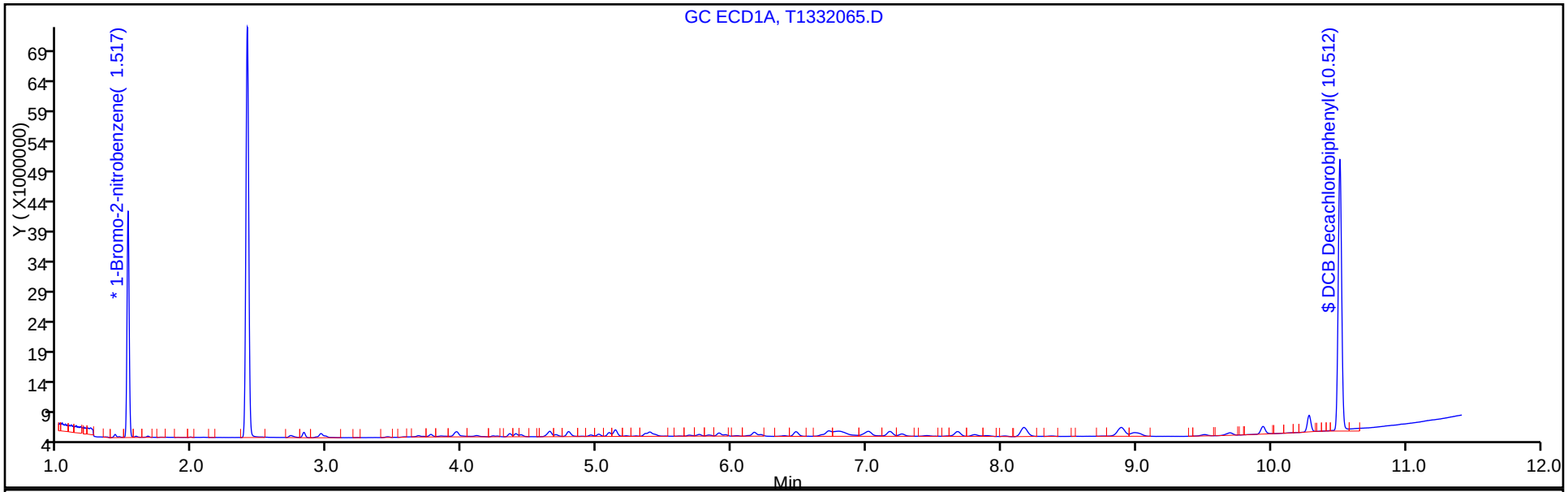
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

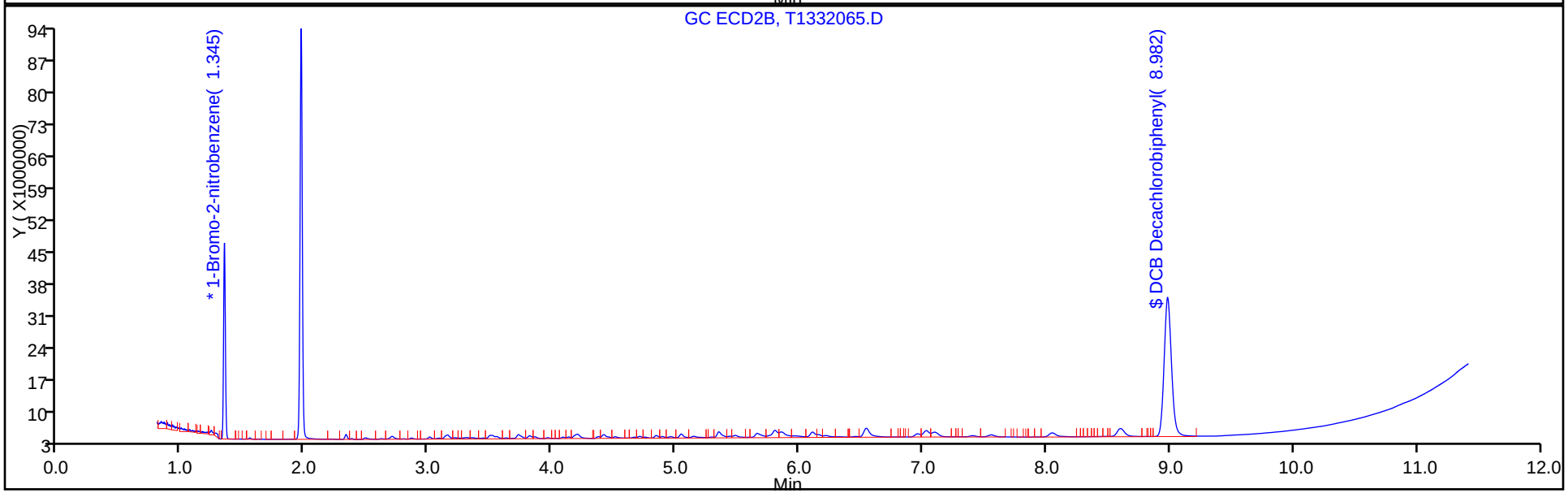
Report Date: 23-Aug-2016 14:42:41 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332065.D

Injection Date:	23-Aug-2016 13:08:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-8-A	Lab Sample ID:	460-118325-8	Worklist Smp#:	24
Client ID:	PRA-P25E2-8.25				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 | Lab Sample ID: 460-118325-11

Matrix: Solid | Lab File ID: T1332050.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:53

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0055(g) | Date Analyzed: 08/23/2016 09:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	2600		370	49

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332050.D
Lims ID: 460-118325-A-11-C
Client ID: PRA-P25E3-8.25
Sample Type: Client
Inject. Date: 23-Aug-2016 09:05:02 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0044748-009
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 11:01:39 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 10:12:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.517	1.517	0.000	40061579	20.0	
2	1.347	1.347	0.000	41345640	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.401	2.402	-0.001	14077519	7.97	
2	1.969	1.969	0.000	14926975	8.04	
					RPD = 0.87	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
6 PCB-1248						M
1	3.435	3.436	-0.001	20857591	754.1	
1	3.952	3.953	-0.001	34880067	505.9	
1	4.347	4.352	-0.005	31661859	770.7	
1	4.392	4.397	-0.005	33735572	902.5	
1	4.783	4.788	-0.005	38320075	648.8	
1	5.084	5.090	-0.006	43212441	684.1	
1	5.131	5.135	-0.004	56020305	815.8	
1	6.210	6.215	-0.005	14939494	559.7	
		Average of Peak Amounts =			705.2	
2	2.680	2.684	-0.004	23780360	837.6	
2	3.153	3.155	-0.002	40096933	518.2	M
2	3.501	3.504	-0.003	71491615	889.7	M
2	3.816	3.820	-0.004	26906627	569.1	M
2	4.202	4.185	0.017	107325589	818.1	M
2	4.416	4.419	-0.003	35888794	623.3	M
2	4.840	4.844	-0.004	21857158	600.8	M
2	5.435	5.435	0.000	11717927	477.3	M
		Average of Peak Amounts =			666.8	
				RPD =	5.61	
8 PCB-1260						M
1	0.000	5.952	-5.952	0	0	
1	0.000	6.164	-6.164	0	0	
1	6.470	6.472	-0.002	21284145	204.4	
1	7.167	7.171	-0.004	15987914	191.0	
1	7.668	7.671	-0.003	16399364	177.6	
1	8.162	8.165	-0.003	35295045	182.1	
1	8.887	8.889	-0.002	25295693	174.3	
1	9.936	9.936	0.000	9069221	168.9	
		Average of Peak Amounts =			183.0	
2	0.000	5.043	-5.043	0	0	
2	0.000	5.656	-5.656	0	0	
2	5.802	5.800	0.002	18605589	196.9	M
2	6.106	6.105	0.001	17558295	183.0	M
2	6.540	6.540	0.000	43102729	202.7	M
2	6.955	6.952	0.003	19171676	175.1	M
2	7.097	7.094	0.003	12150184	194.7	M
2	8.046	8.043	0.003	11934334	194.3	M
		Average of Peak Amounts =			191.1	
				RPD =	4.33	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.498	10.497	0.001	12121487	8.46	M
2	8.982	8.983	-0.001	18802142	9.45	M
					RPD = 11.04	
S 12 Polychlorinated biphenyls, Total						
1					888.2	

QC Flag Legend

Review Flags

M - Manually Integrated

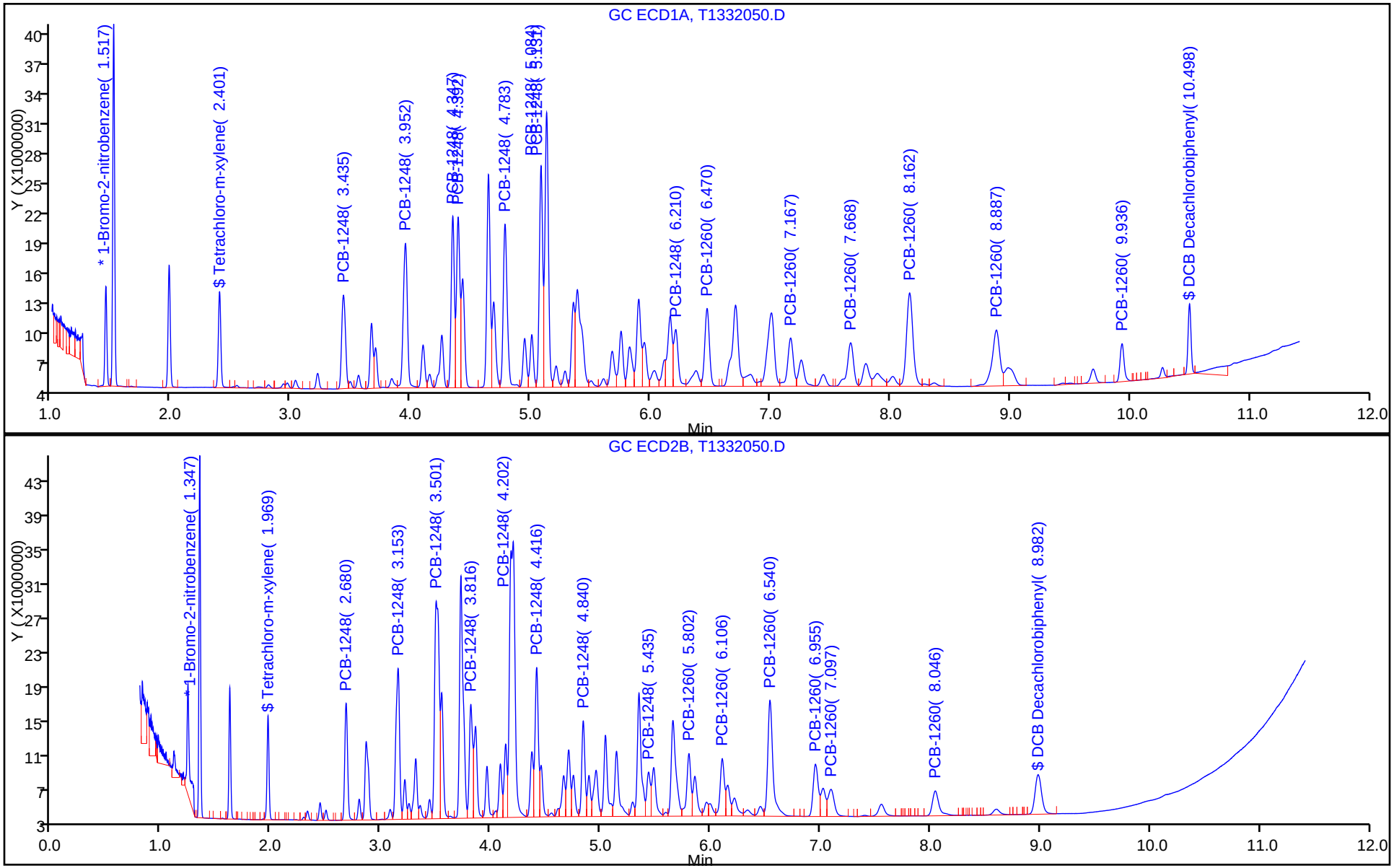
Reagents:

SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Aug-2016 11:01:41 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332050.D				
Injection Date:	23-Aug-2016 09:05:02	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-11-C	Lab Sample ID:	460-118325-11	Worklist Smp#:	9
Client ID:	PRA-P25E3-8.25				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

TestAmerica Edison

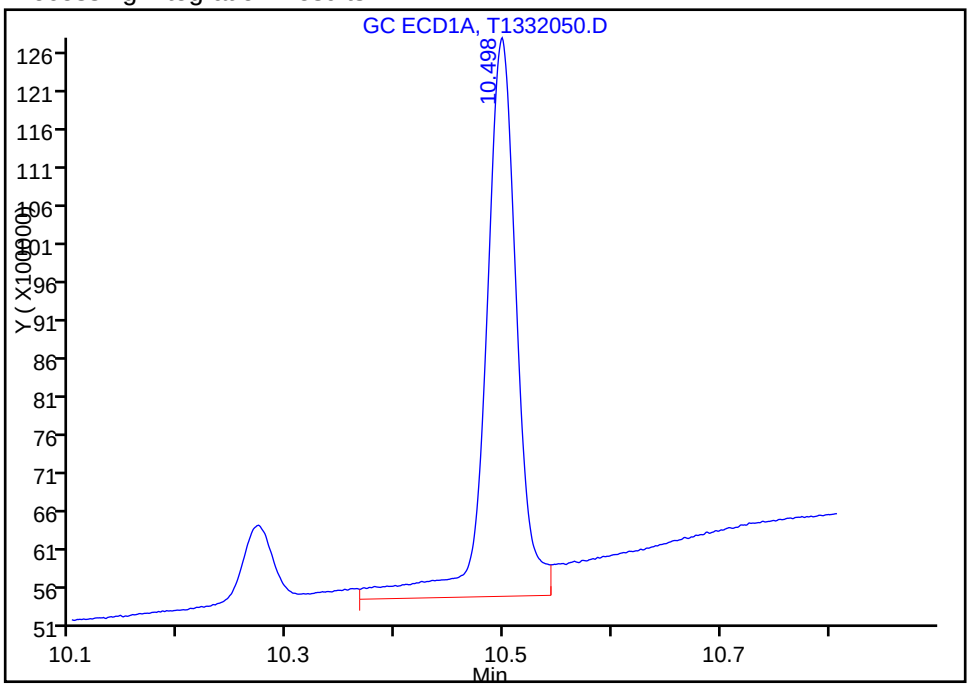
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332050.D				
Injection Date:	23-Aug-2016 09:05:02	Instrument ID:	CPESTGC11		
Lims ID:	460-118325-A-11-C	Lab Sample ID:	460-118325-11		
Client ID:	PRA-P25E3-8.25				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

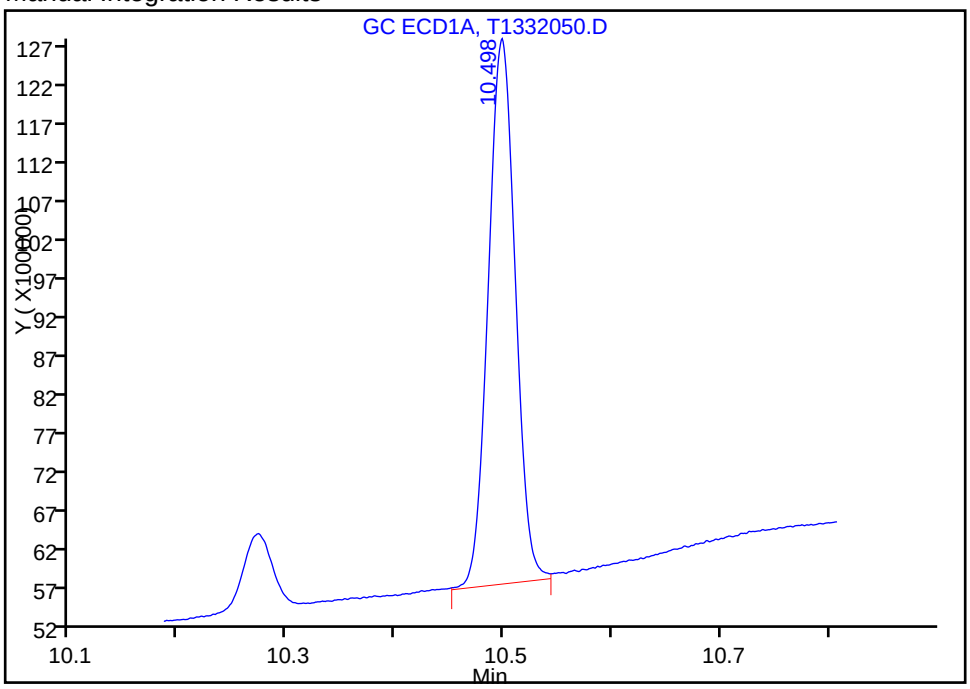
Processing Integration Results

RT: 10.50
Area: 14578701
Amount: 10.174554
Amount Units: ug/l



Manual Integration Results

RT: 10.50
Area: 12121487
Amount: 8.459651
Amount Units: ug/l



Reviewer: patelji, 23-Aug-2016 10:12:02

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 | Lab Sample ID: 460-118325-11

Matrix: Solid | Lab File ID: T1332050.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:53

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0055(g) | Date Analyzed: 08/23/2016 09:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	49	U F1	370	49
11104-28-2	Aroclor 1221	49	U	370	49
11141-16-5	Aroclor 1232	49	U	370	49
53469-21-9	Aroclor 1242	49	U	370	49
11097-69-1	Aroclor 1254	51	U	370	51
11096-82-5	Aroclor 1260	710	F1	370	51
37324-23-5	Aroclor 1262	51	U	370	51
11100-14-4	Aroclor 1268	51	U	370	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332050.D
Lims ID: 460-118325-A-11-C
Client ID: PRA-P25E3-8.25
Sample Type: Client
Inject. Date: 23-Aug-2016 09:05:02 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0044748-009
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 11:01:39 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 10:12:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.517	1.517	0.000	40061579	20.0	
2	1.347	1.347	0.000	41345640	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.401	2.402	-0.001	14077519	7.97	
2	1.969	1.969	0.000	14926975	8.04	
					RPD = 0.87	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
6 PCB-1248						M
1	3.435	3.436	-0.001	20857591	754.1	
1	3.952	3.953	-0.001	34880067	505.9	
1	4.347	4.352	-0.005	31661859	770.7	
1	4.392	4.397	-0.005	33735572	902.5	
1	4.783	4.788	-0.005	38320075	648.8	
1	5.084	5.090	-0.006	43212441	684.1	
1	5.131	5.135	-0.004	56020305	815.8	
1	6.210	6.215	-0.005	14939494	559.7	
		Average of Peak Amounts =			705.2	
2	2.680	2.684	-0.004	23780360	837.6	
2	3.153	3.155	-0.002	40096933	518.2	M
2	3.501	3.504	-0.003	71491615	889.7	M
2	3.816	3.820	-0.004	26906627	569.1	M
2	4.202	4.185	0.017	107325589	818.1	M
2	4.416	4.419	-0.003	35888794	623.3	M
2	4.840	4.844	-0.004	21857158	600.8	M
2	5.435	5.435	0.000	11717927	477.3	M
		Average of Peak Amounts =			666.8	
				RPD =	5.61	
8 PCB-1260						M
1	0.000	5.952	-5.952	0	0	
1	0.000	6.164	-6.164	0	0	
1	6.470	6.472	-0.002	21284145	204.4	
1	7.167	7.171	-0.004	15987914	191.0	
1	7.668	7.671	-0.003	16399364	177.6	
1	8.162	8.165	-0.003	35295045	182.1	
1	8.887	8.889	-0.002	25295693	174.3	
1	9.936	9.936	0.000	9069221	168.9	
		Average of Peak Amounts =			183.0	
2	0.000	5.043	-5.043	0	0	
2	0.000	5.656	-5.656	0	0	
2	5.802	5.800	0.002	18605589	196.9	M
2	6.106	6.105	0.001	17558295	183.0	M
2	6.540	6.540	0.000	43102729	202.7	M
2	6.955	6.952	0.003	19171676	175.1	M
2	7.097	7.094	0.003	12150184	194.7	M
2	8.046	8.043	0.003	11934334	194.3	M
		Average of Peak Amounts =			191.1	
				RPD =	4.33	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.498	10.497	0.001	12121487	8.46	M
2	8.982	8.983	-0.001	18802142	9.45	M
					RPD = 11.04	
S 12 Polychlorinated biphenyls, Total						
1					888.2	

QC Flag Legend

Review Flags

M - Manually Integrated

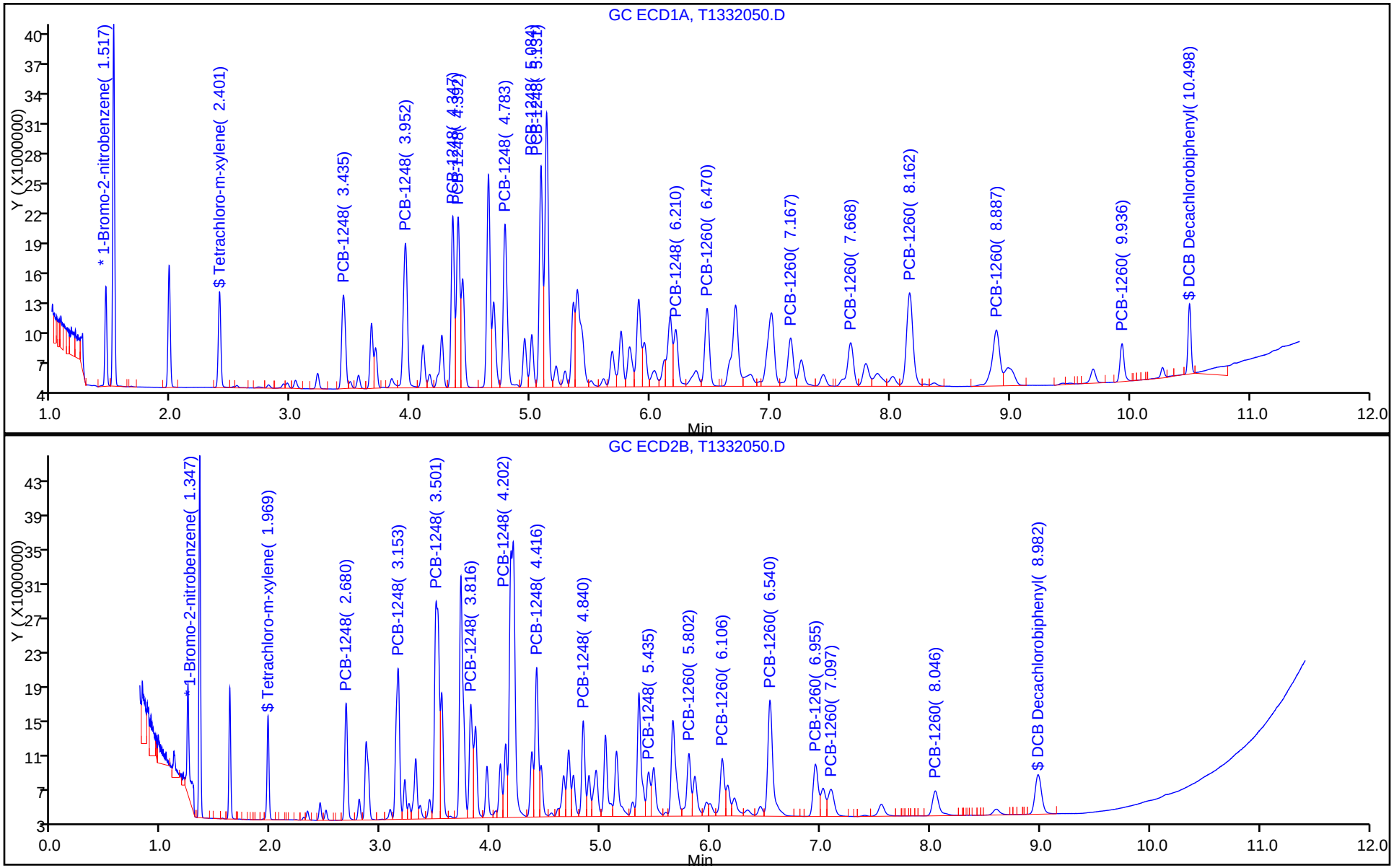
Reagents:

SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Aug-2016 11:01:45 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332050.D				
Injection Date:	23-Aug-2016 09:05:02	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-11-C	Lab Sample ID:	460-118325-11	Worklist Smp#:	9
Client ID:	PRA-P25E3-8.25				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

TestAmerica Edison

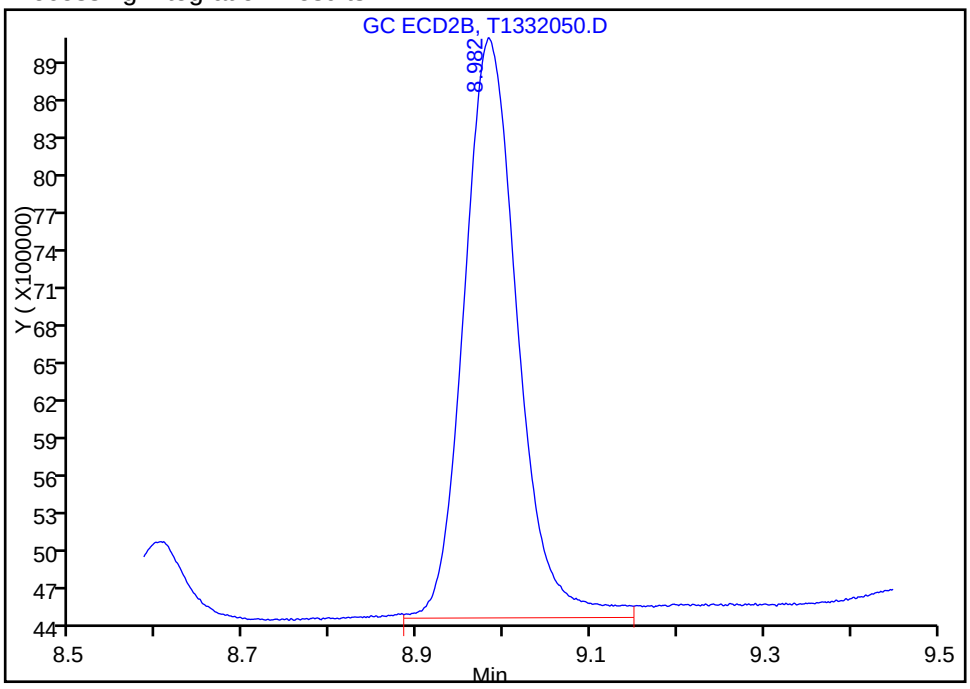
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332050.D				
Injection Date:	23-Aug-2016 09:05:02	Instrument ID:	CPESTGC11		
Lims ID:	460-118325-A-11-C	Lab Sample ID:	460-118325-11		
Client ID:	PRA-P25E3-8.25				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

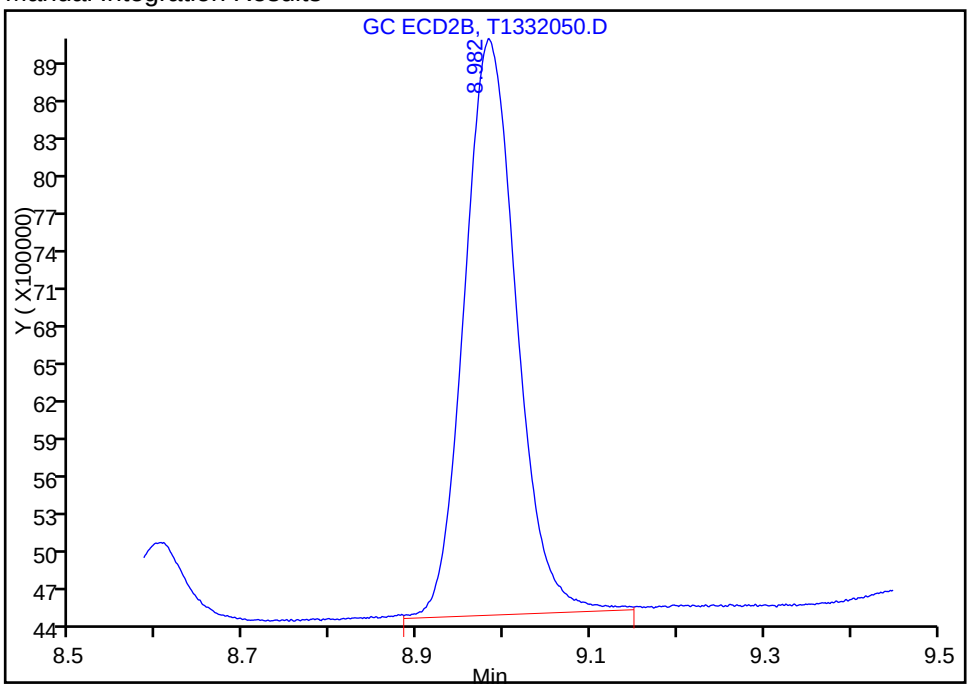
Processing Integration Results

RT: 8.98
Area: 19370656
Amount: 9.734144
Amount Units: ug/l



Manual Integration Results

RT: 8.98
Area: 18802142
Amount: 9.448454
Amount Units: ug/l



Reviewer: patelji, 23-Aug-2016 11:01:38

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

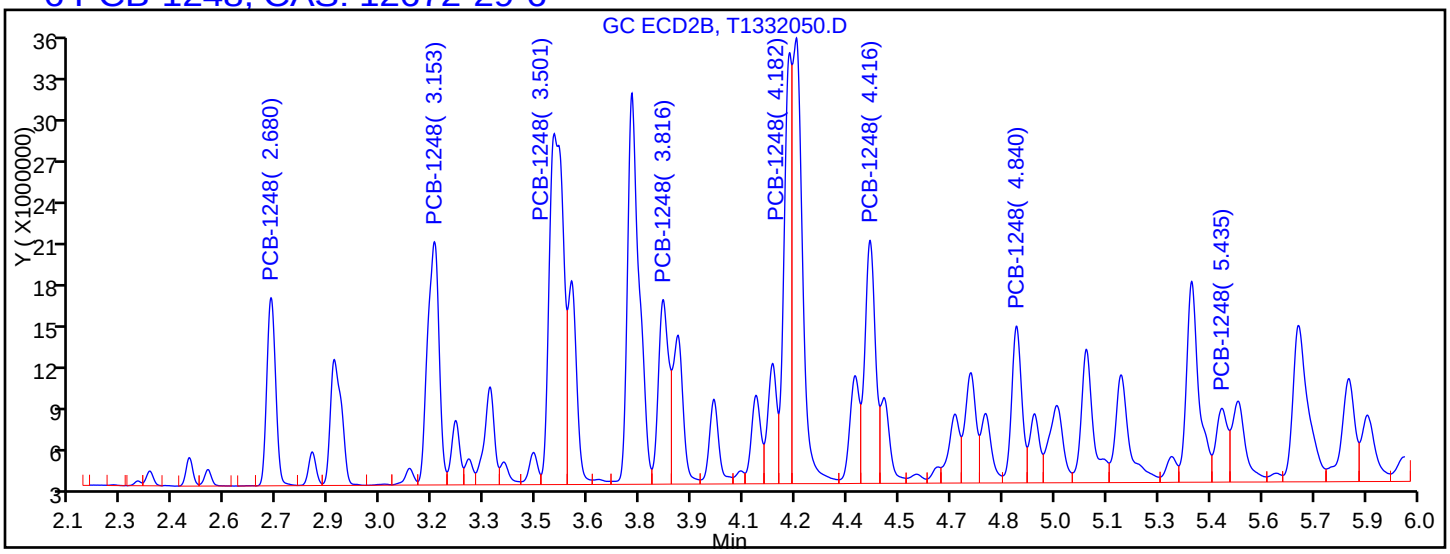
Report Date: 23-Aug-2016 11:01:45 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332050.D

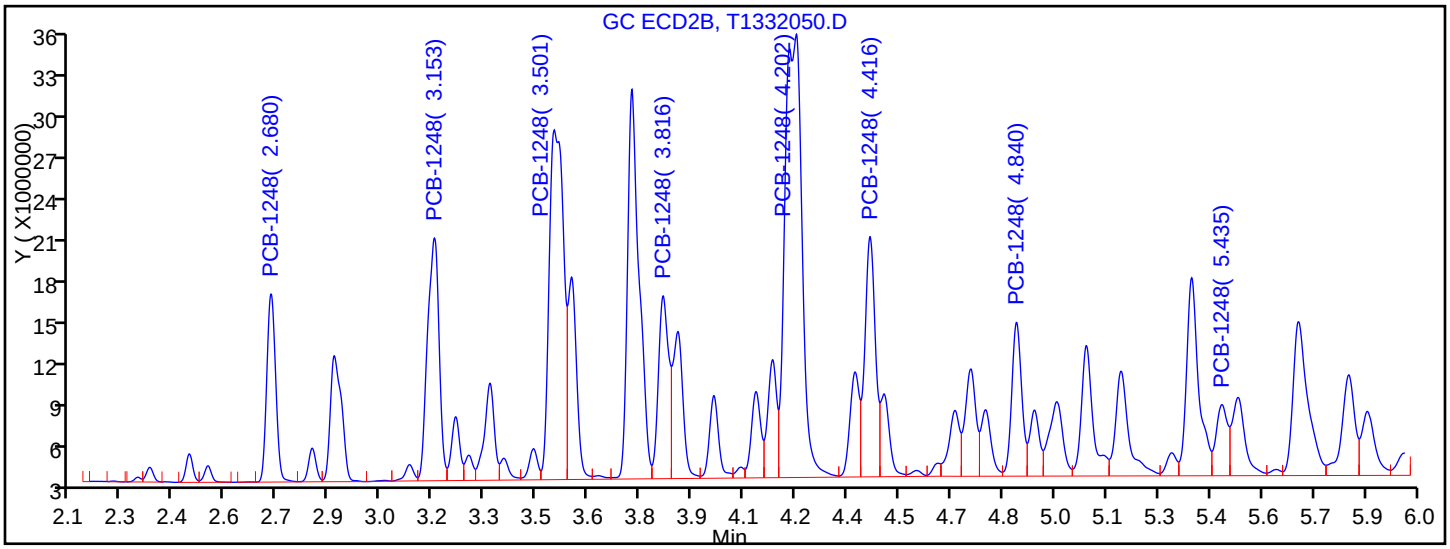
Injection Date:	23-Aug-2016 09:05:02	Instrument ID:	CPESTGC11
Lims ID:	460-118325-A-11-C	Lab Sample ID:	460-118325-11
Client ID:	PRA-P25E3-8.25		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 9
Injection Vol:	1.0 ul	Dil. Factor:	5.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.680	Response = 23780360	
RT = 3.153	Response = 40269060	M
RT = 3.501	Response = 71868990	M
RT = 3.816	Response = 27316789	M
RT = 4.182	Response = 45104835	M
RT = 4.416	Response = 36542628	M
RT = 4.840	Response = 22760218	M
RT = 5.435	Response = 12300542	M



Manual Integration Results

RT = 2.680	Response = 23780360	
RT = 3.153	Response = 40096933	M
RT = 3.501	Response = 71491615	M
RT = 3.816	Response = 26906627	M
RT = 4.202	Response = 107325589	M
RT = 4.416	Response = 35888794	M

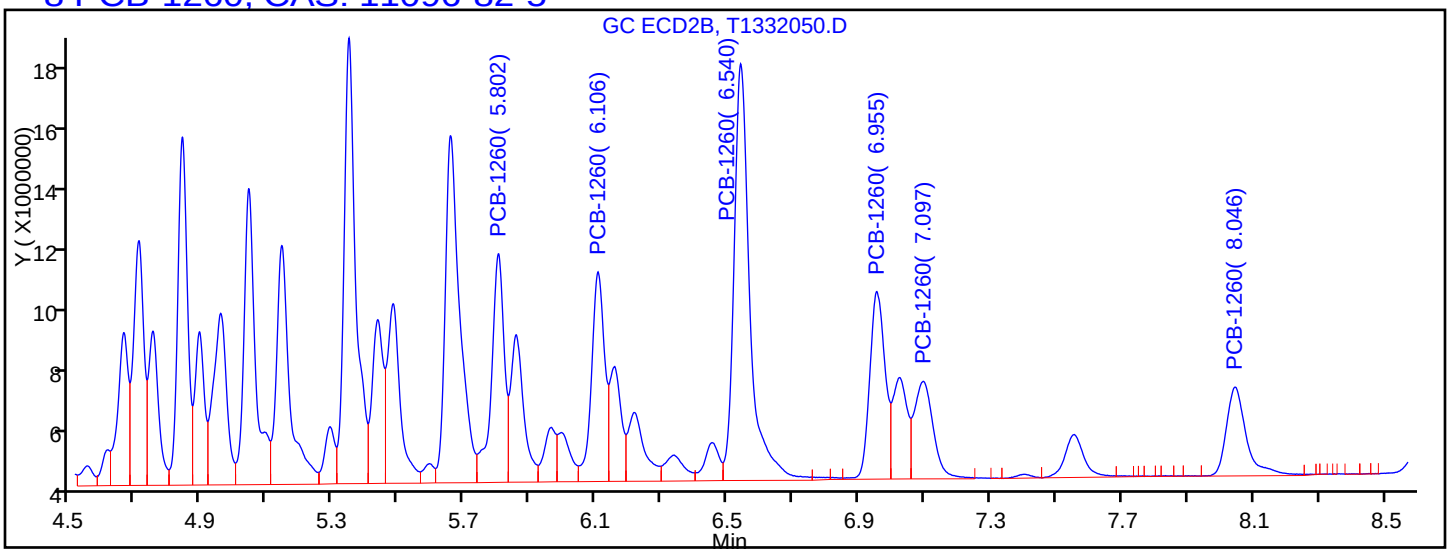
Report Date: 23-Aug-2016 11:01:46 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332050.D

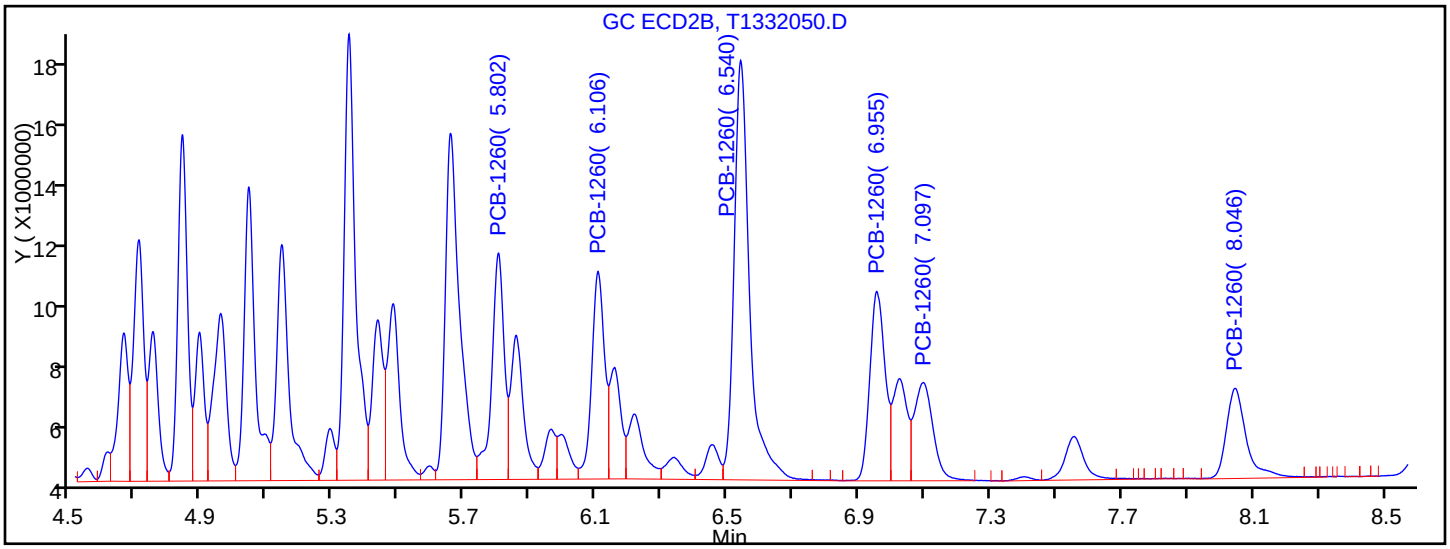
Injection Date:	23-Aug-2016 09:05:02	Instrument ID:	CPESTGC11
Lims ID:	460-118325-A-11-C	Lab Sample ID:	460-118325-11
Client ID:	PRA-P25E3-8.25		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 9
Injection Vol:	1.0 ul	Dil. Factor:	5.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.042	Response = 23041048	
RT = 5.657	Response = 34255407	
RT = 5.802	Response = 19594328	M
RT = 6.106	Response = 18441572	M
RT = 6.540	Response = 44546844	M
RT = 6.955	Response = 19421152	M
RT = 7.097	Response = 12378238	M
RT = 8.046	Response = 11996487	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 0.000	Response = 0	
RT = 5.802	Response = 18605589	M
RT = 6.106	Response = 17558295	M
RT = 6.540	Response = 43102729	M
RT = 6.955	Response = 19171676	M

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-10.75 | Lab Sample ID: 460-118325-12

Matrix: Solid | Lab File ID: T1332066.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:50

Extraction Method: 3546 | Date Extracted: 08/23/2016 22:43

Sample wt/vol: 15.0001(g) | Date Analyzed: 08/23/2016 13:23

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.: 386235 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332066.D
Lims ID: 460-118325-A-12-A
Client ID: PRA-P25E3-10.75
Sample Type: Client
Inject. Date: 23-Aug-2016 13:23:21 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-025
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:43:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.516	1.517	-0.001	40466286	20.0	
2	1.346	1.347	-0.001	41568964	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.510	10.497	0.013	73486217	50.8	
2	8.983	8.983	0.000	112809833	56.4	
					RPD = 10.47	

Reagents:

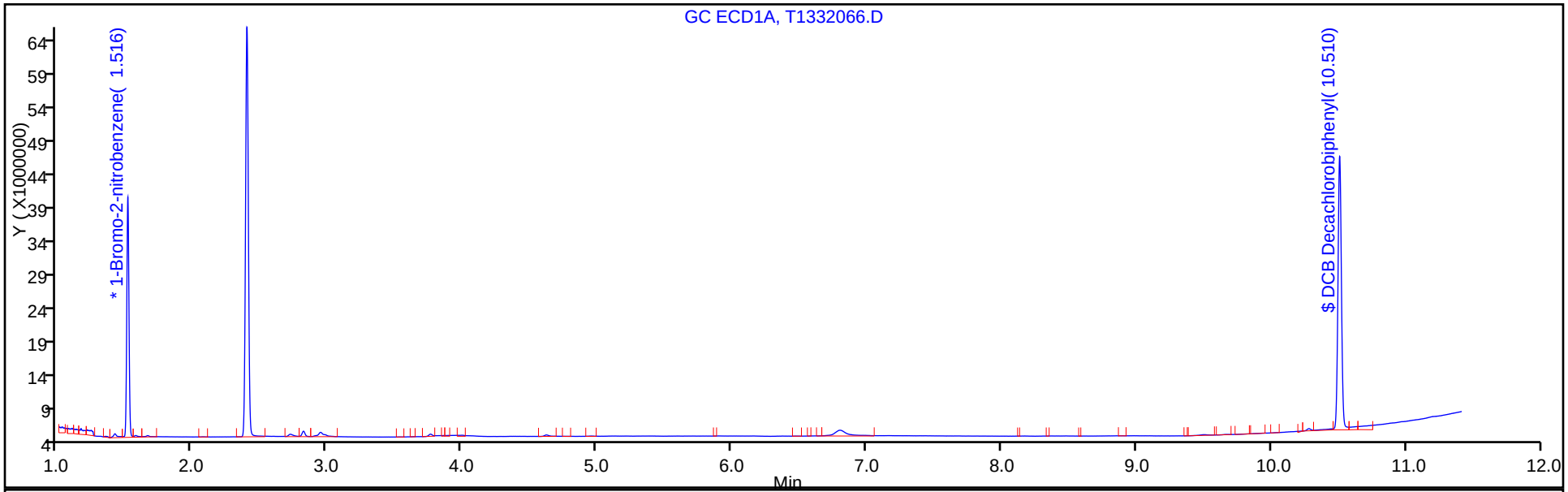
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

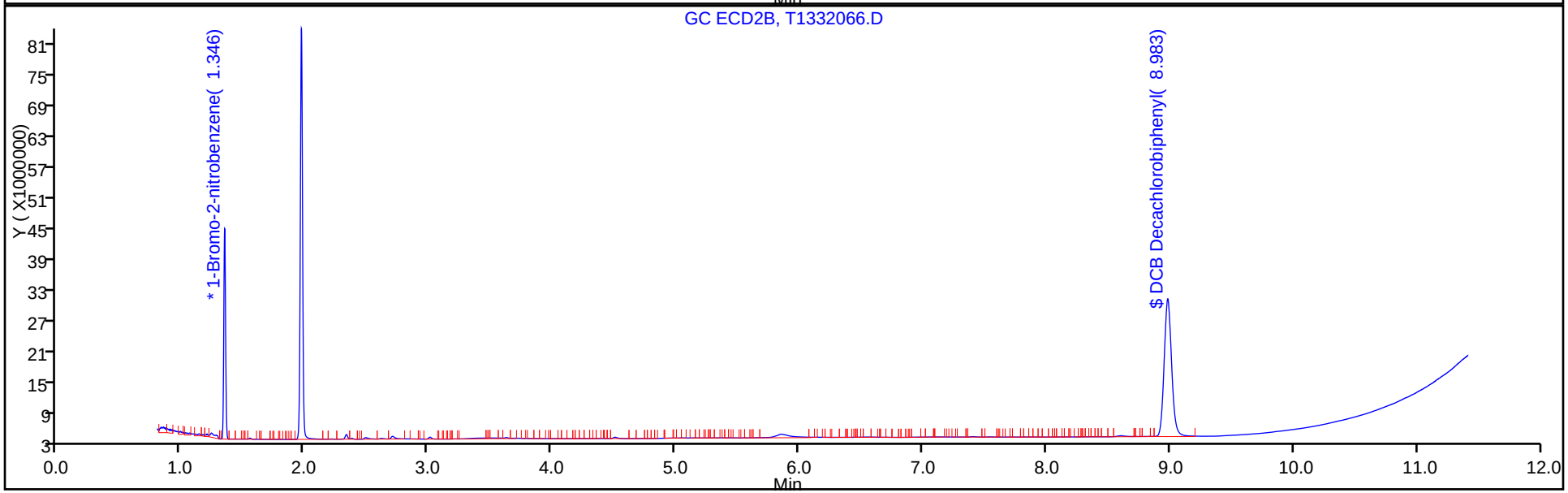
Report Date: 23-Aug-2016 14:42:42 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332066.D

Injection Date:	23-Aug-2016 13:23:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-12-A	Lab Sample ID:	460-118325-12	Worklist Smp#:	25
Client ID:	PRA-P25E3-10.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-10.75 | Lab Sample ID: 460-118325-12

Matrix: Solid | Lab File ID: T1332066.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:50

Extraction Method: 3546 | Date Extracted: 08/23/2016 22:43

Sample wt/vol: 15.0001(g) | Date Analyzed: 08/23/2016 13:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U H	79	11
11104-28-2	Aroclor 1221	11	U H	79	11
11141-16-5	Aroclor 1232	11	U H	79	11
53469-21-9	Aroclor 1242	11	U H	79	11
12672-29-6	Aroclor 1248	11	U H	79	11
11097-69-1	Aroclor 1254	11	U H	79	11
11096-82-5	Aroclor 1260	11	U H	79	11
37324-23-5	Aroclor 1262	11	U H	79	11
11100-14-4	Aroclor 1268	11	U H	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332066.D
Lims ID: 460-118325-A-12-A
Client ID: PRA-P25E3-10.75
Sample Type: Client
Inject. Date: 23-Aug-2016 13:23:21 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-025
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:43:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.516	1.517	-0.001	40466286	20.0	
2	1.346	1.347	-0.001	41568964	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.510	10.497	0.013	73486217	50.8	
2	8.983	8.983	0.000	112809833	56.4	
				RPD =	10.47	

Reagents:

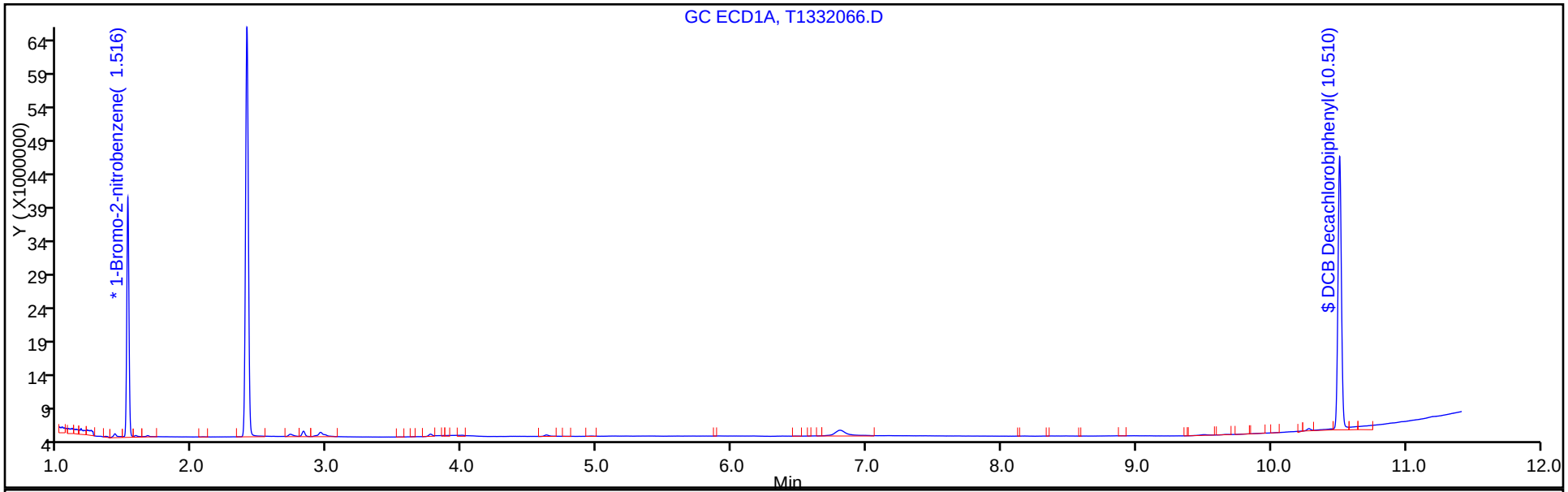
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

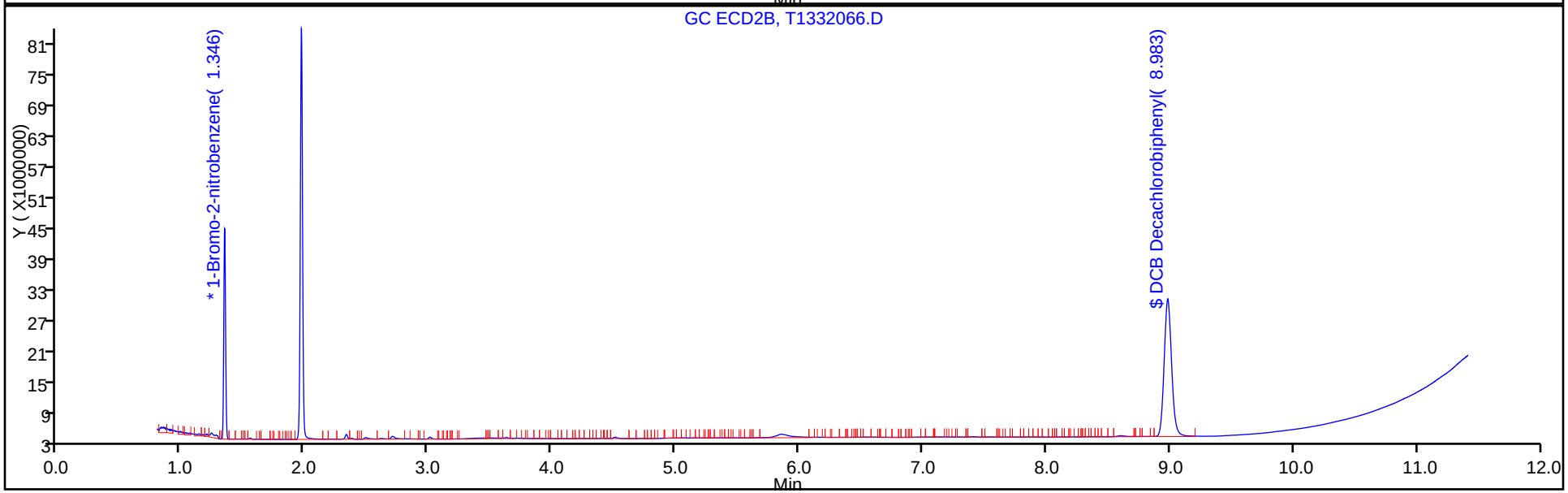
Report Date: 23-Aug-2016 14:42:43 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332066.D

Injection Date:	23-Aug-2016 13:23:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-12-A	Lab Sample ID:	460-118325-12	Worklist Smp#:	25
Client ID:	PRA-P25E3-10.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E-10.75 | Lab Sample ID: 460-118325-14

Matrix: Solid | Lab File ID: T1332054.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:18

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0070(g) | Date Analyzed: 08/23/2016 10:04

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.: 386235 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332054.D
Lims ID: 460-118325-A-14-A
Client ID: PRA-P25E-10.75
Sample Type: Client
Inject. Date: 23-Aug-2016 10:04:38 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-013
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 13:56:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 10:26:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.516	1.517	-0.001	37054277	20.0	
2	1.347	1.347	0.000	38451844	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.499	10.497	0.002	61742815	46.6	
2	8.982	8.983	-0.001	95341576	51.5	
					RPD = 10.05	

Reagents:

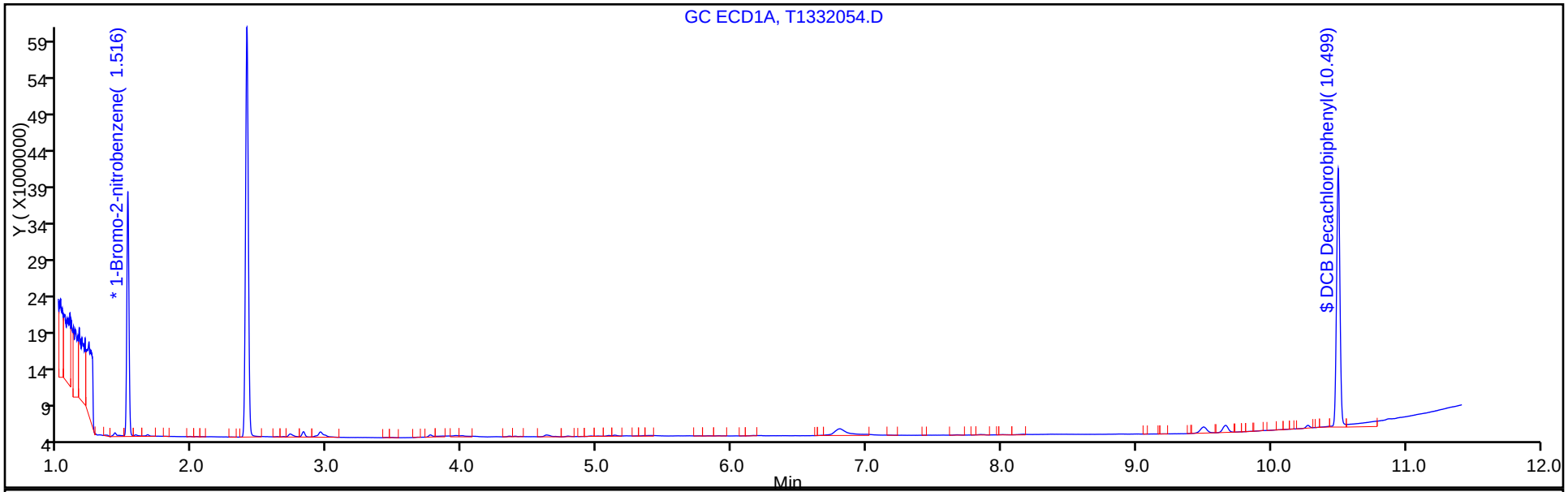
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

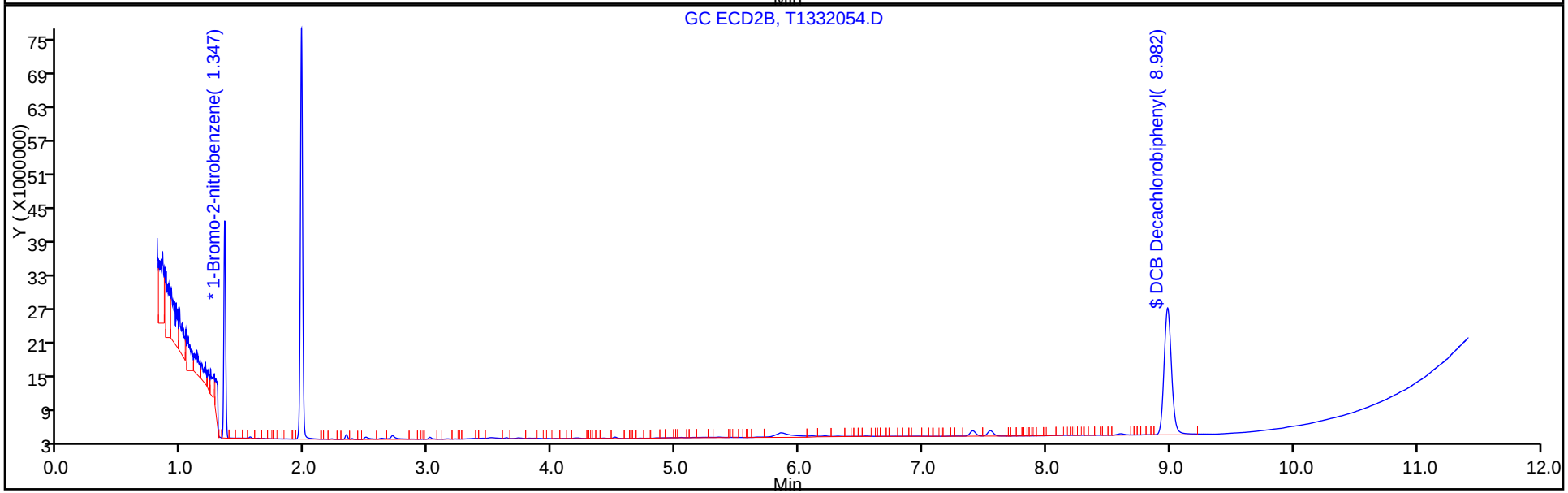
Report Date: 23-Aug-2016 14:42:10 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332054.D

Injection Date:	23-Aug-2016 10:04:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-14-A	Lab Sample ID:	460-118325-14	Worklist Smp#:	13
Client ID:	PRA-P25E-10.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E-10.75 | Lab Sample ID: 460-118325-14

Matrix: Solid | Lab File ID: T1332054.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:18

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0070(g) | Date Analyzed: 08/23/2016 10:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | 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	103		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332054.D
Lims ID: 460-118325-A-14-A
Client ID: PRA-P25E-10.75
Sample Type: Client
Inject. Date: 23-Aug-2016 10:04:38 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-013
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 13:56:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 10:26:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.516	1.517	-0.001	37054277	20.0	
2	1.347	1.347	0.000	38451844	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.499	10.497	0.002	61742815	46.6	
2	8.982	8.983	-0.001	95341576	51.5	
					RPD = 10.05	

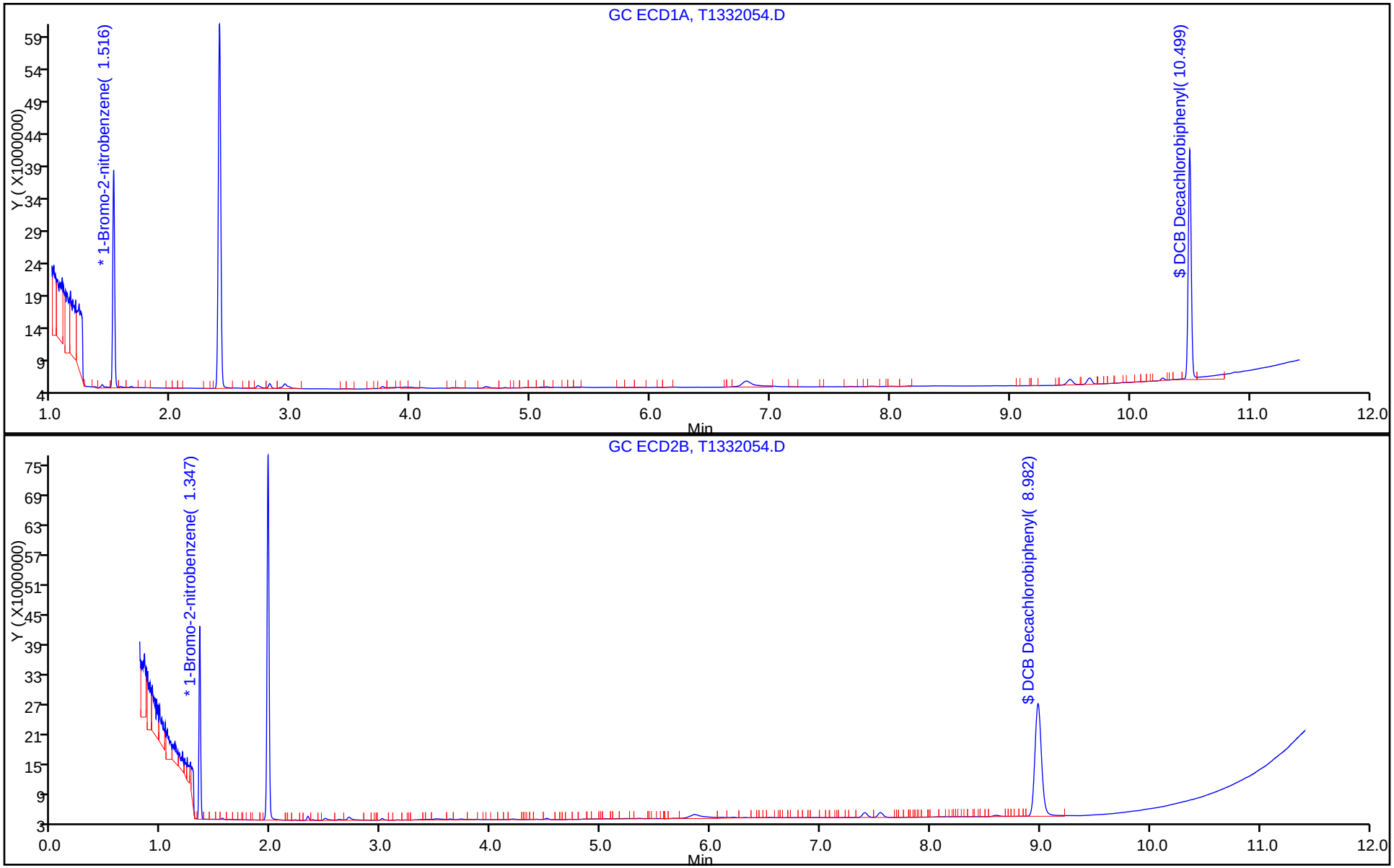
Reagents:

SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Aug-2016 14:42:11 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332054.D				
Injection Date:	23-Aug-2016 10:04:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-14-A	Lab Sample ID:	460-118325-14	Worklist Smp#:	13
Client ID:	PRA-P25E-10.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E1-8.25 | Lab Sample ID: 460-118325-16

Matrix: Solid | Lab File ID: T1332056.D

Analysis Method: 8082A | Date Collected: 08/08/2016 09:52

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0089(g) | Date Analyzed: 08/23/2016 10:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	1400		160	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D
Lims ID: 460-118325-A-16-A
Client ID: PRA-P25E1-8.25
Sample Type: Client
Inject. Date: 23-Aug-2016 10:42:46 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0044748-015
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 13:56:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 11:00:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.520	1.517	0.003	36144277	20.0	
2	1.345	1.347	-0.002	38108583	20.0	
					RPD = 0.00	
6 PCB-1248						M
1	3.441	3.436	0.005	47659315	1909.9	M
1	3.959	3.953	0.006	95548921	1535.9	M
1	4.355	4.352	0.003	22810850	615.4	M
1	4.400	4.397	0.003	25953678	769.6	M
1	4.791	4.788	0.003	39509347	741.4	M
1	5.091	5.090	0.001	34217131	600.4	M
1	5.137	5.135	0.002	40716554	657.2	M
1	6.216	6.215	0.001	10037482	416.8	M
		Average of Peak Amounts =			905.8	
2	2.675	2.684	-0.009	56289552	2151.0	M
2	3.149	3.155	-0.006	110458459	1548.7	M
2	3.496	3.504	-0.008	51022694	688.9	M
2	3.812	3.820	-0.008	28283030	649.1	M
2	4.177	4.185	-0.008	79023041	653.5	M
2	4.410	4.419	-0.009	30082075	566.8	M
2	4.836	4.844	-0.008	14073676	419.7	M
2	5.428	5.435	-0.007	10371156	458.3	M
		Average of Peak Amounts =			892.0	
					RPD = 1.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	0.000	5.952	-5.952	0	0	
1	6.168	6.164	0.004	7480486	93.1	M
1	6.477	6.472	0.005	8457406	90.0	M
1	7.177	7.171	0.006	5986550	79.2	M
1	7.679	7.671	0.008	6192065	74.3	
1	8.170	8.165	0.005	14495312	82.9	
1	8.894	8.889	0.005	10027889	76.6	
1	9.944	9.936	0.008	3568549	73.6	
		Average of Peak Amounts =			81.4	
2	5.039	5.043	-0.004	7794035	94.3	M
2	5.653	5.656	-0.003	17170886	120.2	M
2	5.797	5.800	-0.003	9901307	113.7	M
2	6.102	6.105	-0.003	6992453	79.1	M
2	6.536	6.540	-0.004	15825291	80.7	M
2	6.947	6.952	-0.005	7981614	79.1	
2	7.093	7.094	-0.001	4308728	74.9	
2	8.039	8.043	-0.004	4440477	78.4	
		Average of Peak Amounts =			90.1	
					RPD = 10.10	
$ 11 DCB Decachlorobiphenyl						M
1	10.513	10.497	0.016	31279959	24.2	M
2	8.978	8.983	-0.005	48281002	26.3	
					RPD = 8.42	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

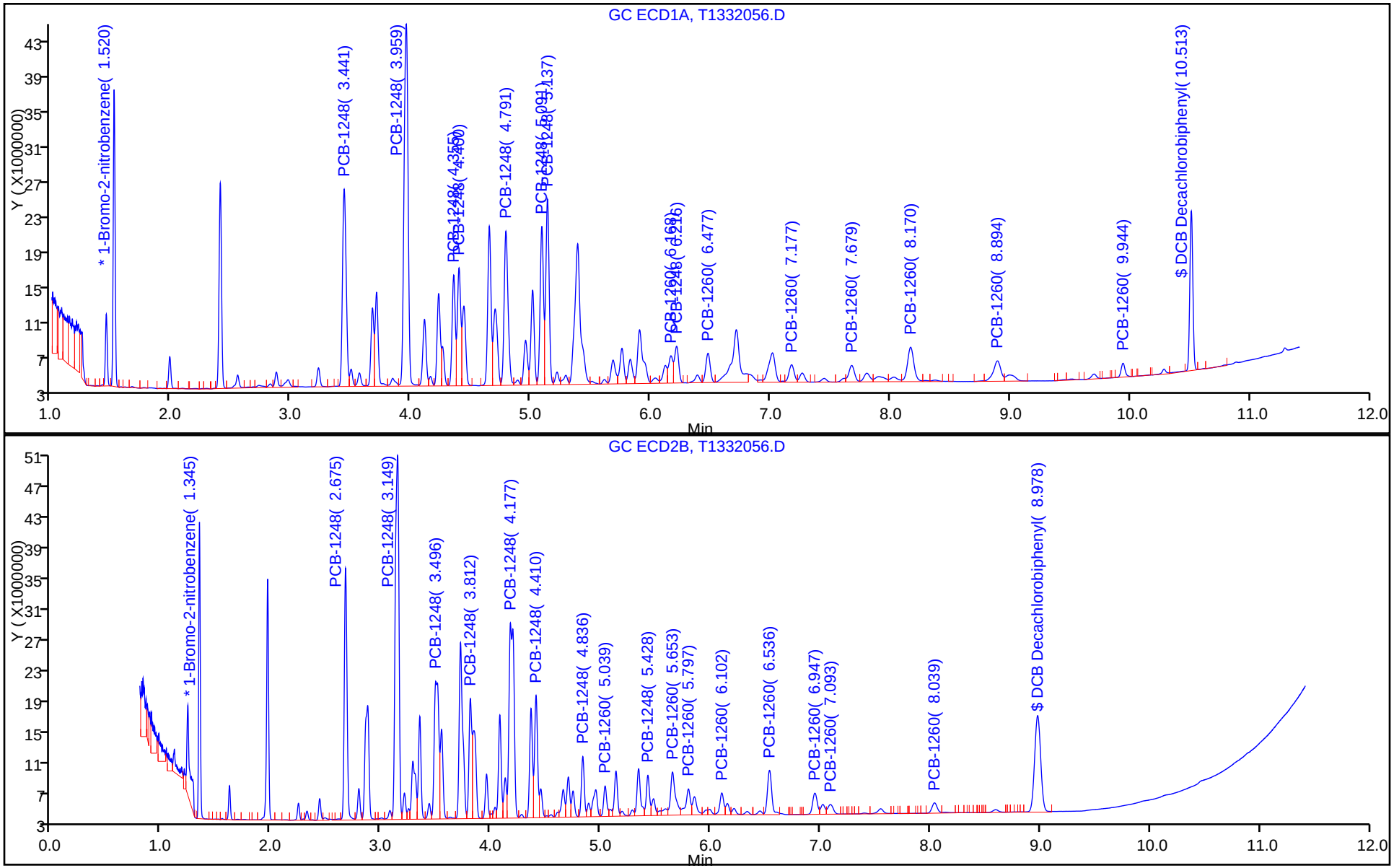
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Aug-2016 14:42:17 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D

Injection Date:	23-Aug-2016 10:42:46	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-16-A	Lab Sample ID:	460-118325-16	Worklist Smp#:	15
Client ID:	PRA-P25E1-8.25				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

TestAmerica Edison

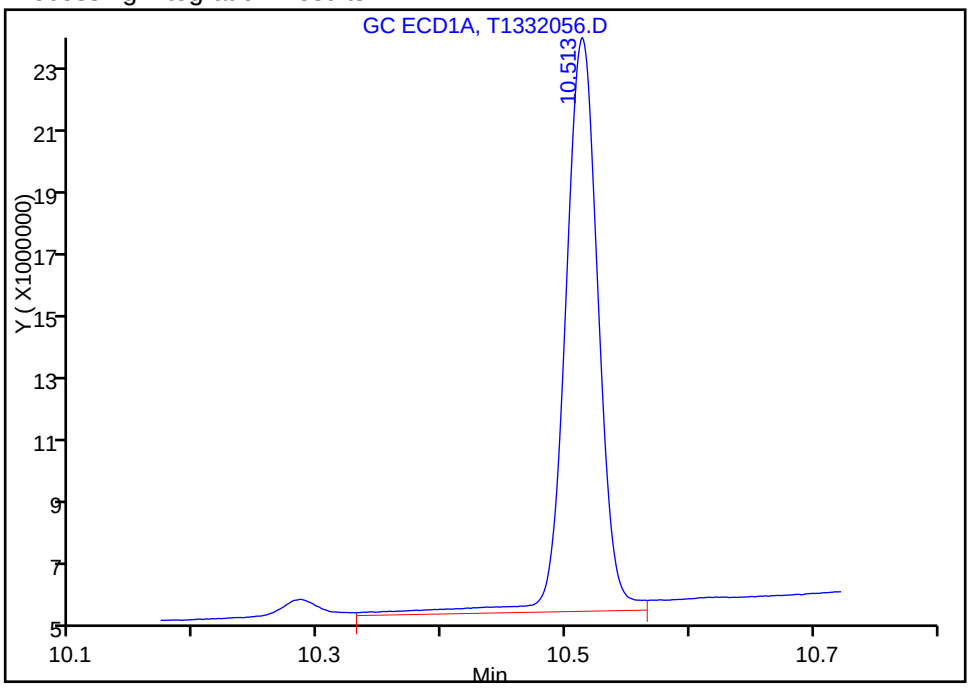
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D				
Injection Date:	23-Aug-2016 10:42:46	Instrument ID:	CPESTGC11		
Lims ID:	460-118325-A-16-A	Lab Sample ID:	460-118325-16		
Client ID:	PRA-P25E1-8.25				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

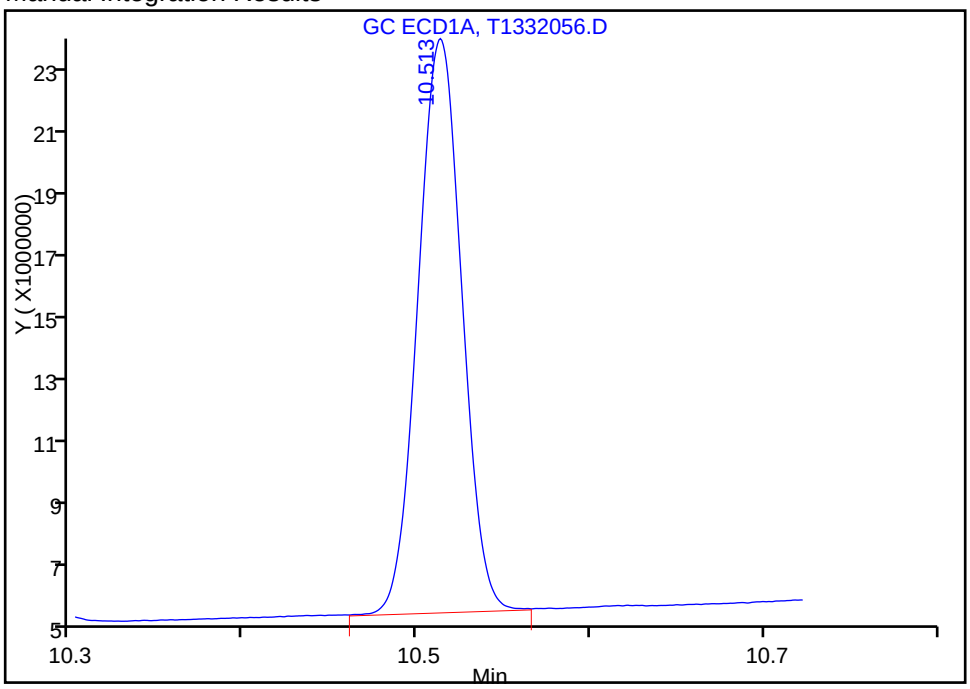
Processing Integration Results

RT: 10.51
Area: 33737842
Amount: 26.097708
Amount Units: ug/l



Manual Integration Results

RT: 10.51
Area: 31279959
Amount: 24.196427
Amount Units: ug/l



Reviewer: patelji, 23-Aug-2016 11:00:23

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

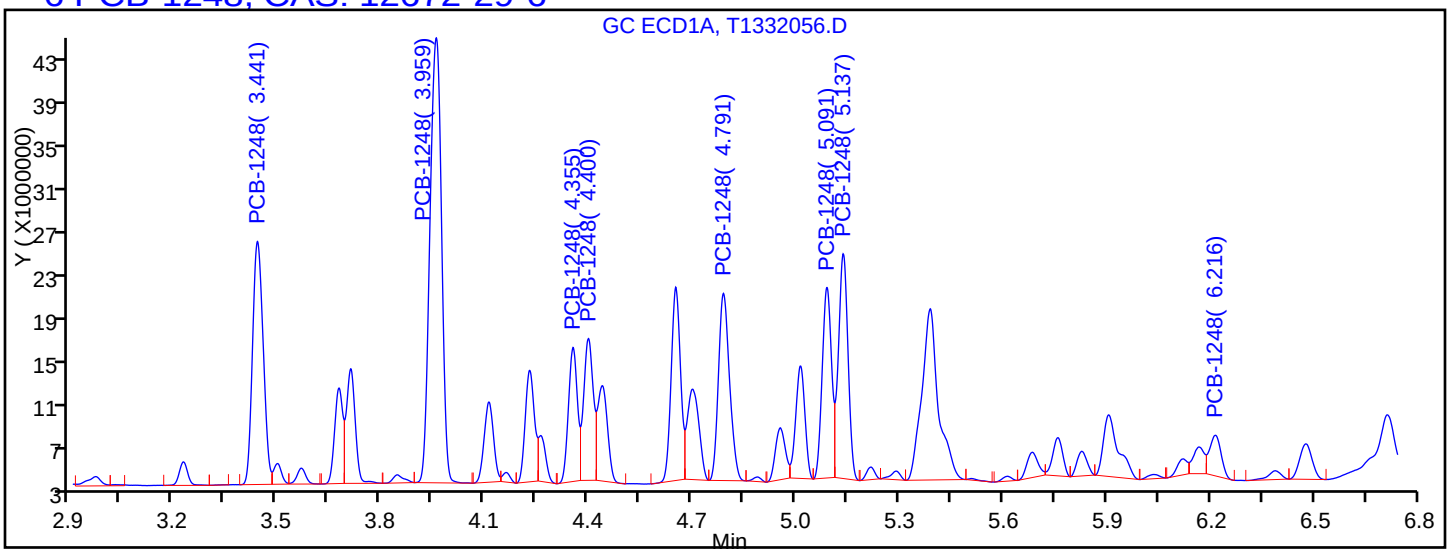
Report Date: 23-Aug-2016 14:42:17 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D

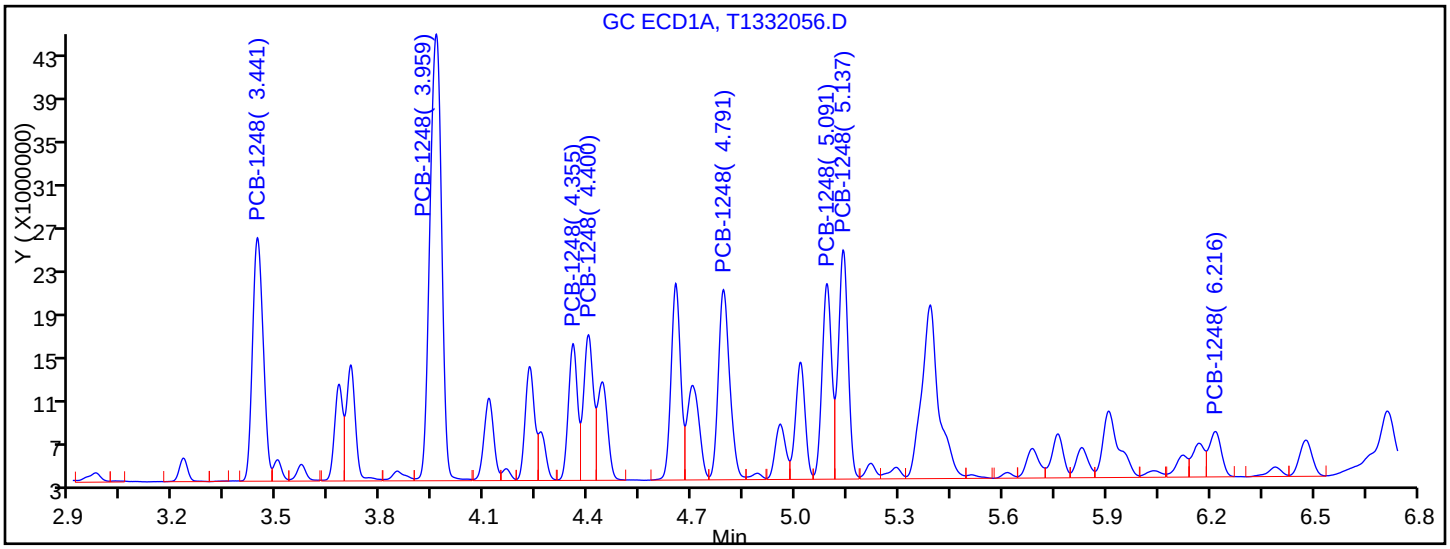
Injection Date:	23-Aug-2016 10:42:46	Instrument ID:	CPESTGC11		
Lims ID:	460-118325-A-16-A	Lab Sample ID:	460-118325-16		
Client ID:	PRA-P25E1-8.25				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.441	Response = 47436445	M
RT = 3.959	Response = 94106761	M
RT = 4.355	Response = 22049158	M
RT = 4.400	Response = 25016906	M
RT = 4.791	Response = 37822833	M
RT = 5.091	Response = 32603406	M
RT = 5.137	Response = 39249479	M
RT = 6.216	Response = 8515263	M



Manual Integration Results

RT = 3.441	Response = 47659315	M
RT = 3.959	Response = 95548921	M
RT = 4.355	Response = 22810850	M
RT = 4.400	Response = 25953678	M
RT = 4.791	Response = 39509347	M
RT = 5.091	Response = 34217131	M

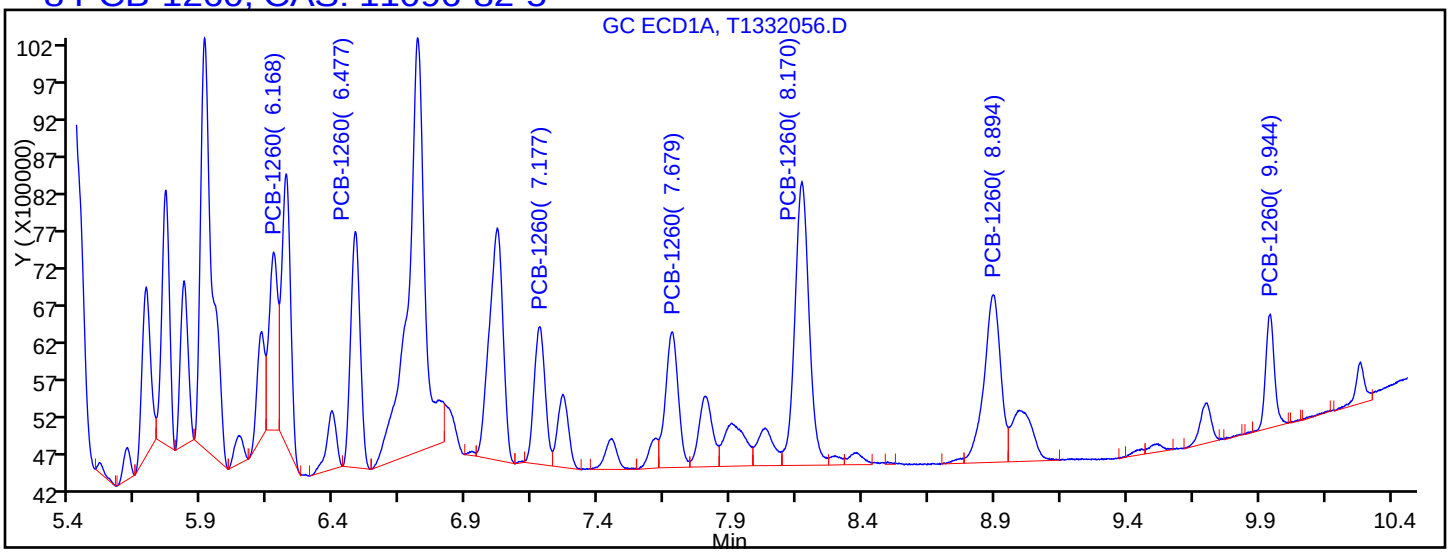
Report Date: 23-Aug-2016 14:42:18 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D

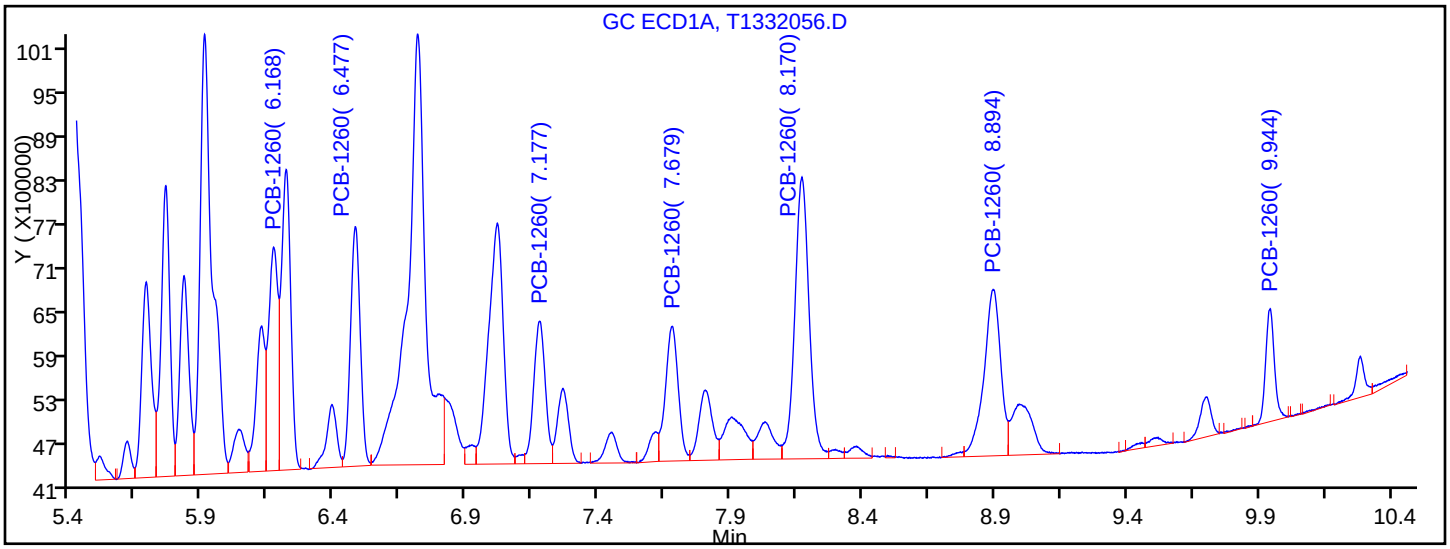
Injection Date:	23-Aug-2016 10:42:46	Instrument ID:	CPESTGC11		
Lims ID:	460-118325-A-16-A	Lab Sample ID:	460-118325-16		
Client ID:	PRA-P25E1-8.25				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 0.000	Response = 0	
RT = 6.168	Response = 5565375	M
RT = 6.477	Response = 8027233	M
RT = 7.177	Response = 5476230	M
RT = 7.679	Response = 6192065	
RT = 8.170	Response = 14495312	
RT = 8.894	Response = 10027889	
RT = 9.944	Response = 3568549	



Manual Integration Results

RT = 0.000	Response = 0	
RT = 6.168	Response = 7480486	M
RT = 6.477	Response = 8457406	M
RT = 7.177	Response = 5986550	M
RT = 7.679	Response = 6192065	
RT = 8.170	Response = 14495312	

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E1-8.25 | Lab Sample ID: 460-118325-16

Matrix: Solid | Lab File ID: T1332056.D

Analysis Method: 8082A | Date Collected: 08/08/2016 09:52

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0089(g) | Date Analyzed: 08/23/2016 10:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | 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
11097-69-1	Aroclor 1254	21	U	160	21
11096-82-5	Aroclor 1260	140	J	160	21
37324-23-5	Aroclor 1262	21	U	160	21
11100-14-4	Aroclor 1268	21	U	160	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D
Lims ID: 460-118325-A-16-A
Client ID: PRA-P25E1-8.25
Sample Type: Client
Inject. Date: 23-Aug-2016 10:42:46 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0044748-015
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 13:56:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 11:00:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.520	1.517	0.003	36144277	20.0	
2	1.345	1.347	-0.002	38108583	20.0	
					RPD = 0.00	
6 PCB-1248						M
1	3.441	3.436	0.005	47659315	1909.9	M
1	3.959	3.953	0.006	95548921	1535.9	M
1	4.355	4.352	0.003	22810850	615.4	M
1	4.400	4.397	0.003	25953678	769.6	M
1	4.791	4.788	0.003	39509347	741.4	M
1	5.091	5.090	0.001	34217131	600.4	M
1	5.137	5.135	0.002	40716554	657.2	M
1	6.216	6.215	0.001	10037482	416.8	M
		Average of Peak Amounts =			905.8	
2	2.675	2.684	-0.009	56289552	2151.0	M
2	3.149	3.155	-0.006	110458459	1548.7	M
2	3.496	3.504	-0.008	51022694	688.9	M
2	3.812	3.820	-0.008	28283030	649.1	M
2	4.177	4.185	-0.008	79023041	653.5	M
2	4.410	4.419	-0.009	30082075	566.8	M
2	4.836	4.844	-0.008	14073676	419.7	M
2	5.428	5.435	-0.007	10371156	458.3	M
		Average of Peak Amounts =			892.0	
					RPD = 1.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	0.000	5.952	-5.952	0	0	
1	6.168	6.164	0.004	7480486	93.1	M
1	6.477	6.472	0.005	8457406	90.0	M
1	7.177	7.171	0.006	5986550	79.2	M
1	7.679	7.671	0.008	6192065	74.3	
1	8.170	8.165	0.005	14495312	82.9	
1	8.894	8.889	0.005	10027889	76.6	
1	9.944	9.936	0.008	3568549	73.6	
		Average of Peak Amounts =			81.4	
2	5.039	5.043	-0.004	7794035	94.3	M
2	5.653	5.656	-0.003	17170886	120.2	M
2	5.797	5.800	-0.003	9901307	113.7	M
2	6.102	6.105	-0.003	6992453	79.1	M
2	6.536	6.540	-0.004	15825291	80.7	M
2	6.947	6.952	-0.005	7981614	79.1	
2	7.093	7.094	-0.001	4308728	74.9	
2	8.039	8.043	-0.004	4440477	78.4	
		Average of Peak Amounts =			90.1	
					RPD = 10.10	
$ 11 DCB Decachlorobiphenyl						M
1	10.513	10.497	0.016	31279959	24.2	M
2	8.978	8.983	-0.005	48281002	26.3	
					RPD = 8.42	

QC Flag Legend

Review Flags

M - Manually Integrated

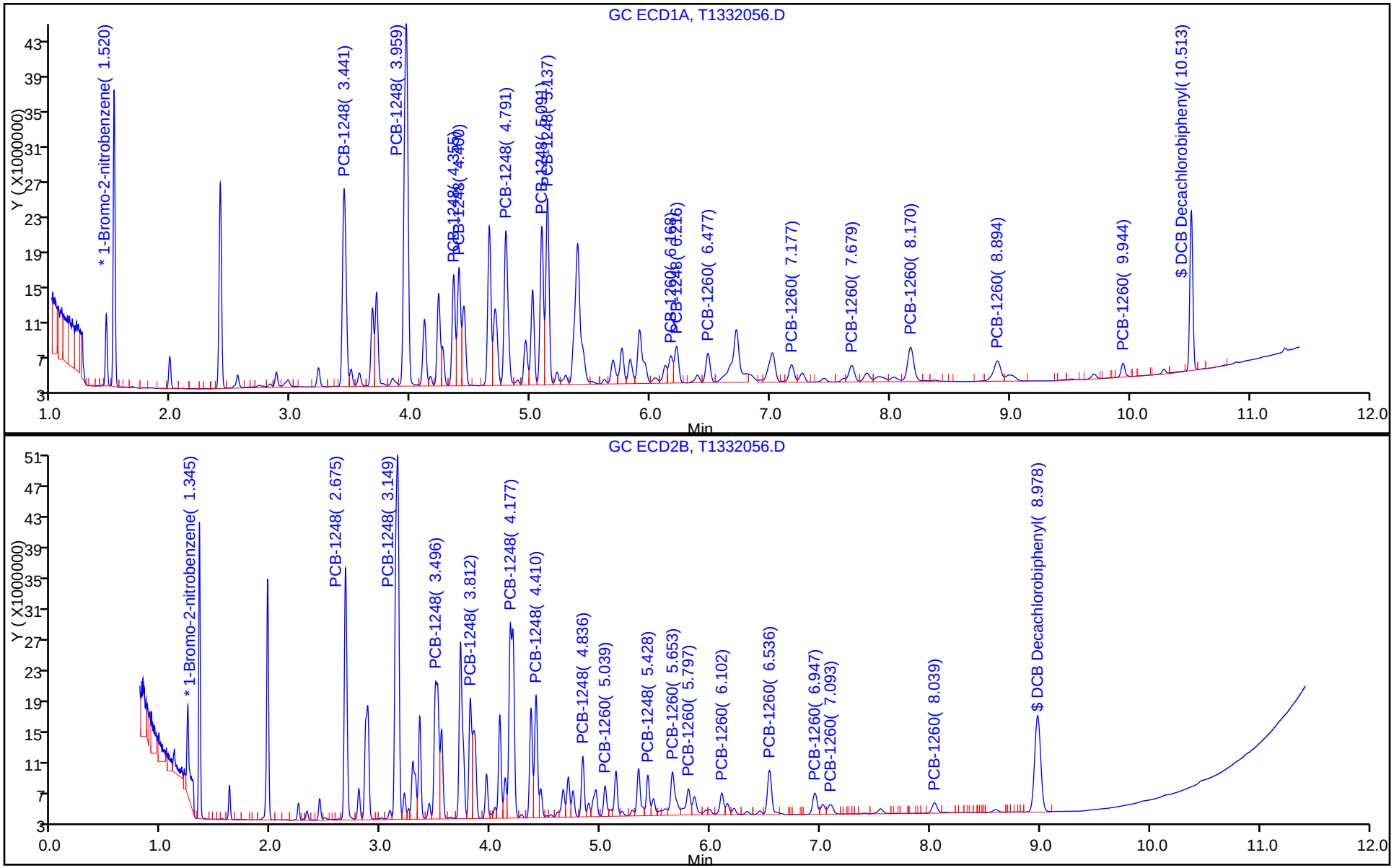
Reagents:

SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Aug-2016 14:42:18 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D				
Injection Date:	23-Aug-2016 10:42:46	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-118325-A-16-A	Lab Sample ID:	460-118325-16	Worklist Smp#:	15
Client ID:	PRA-P25E1-8.25				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



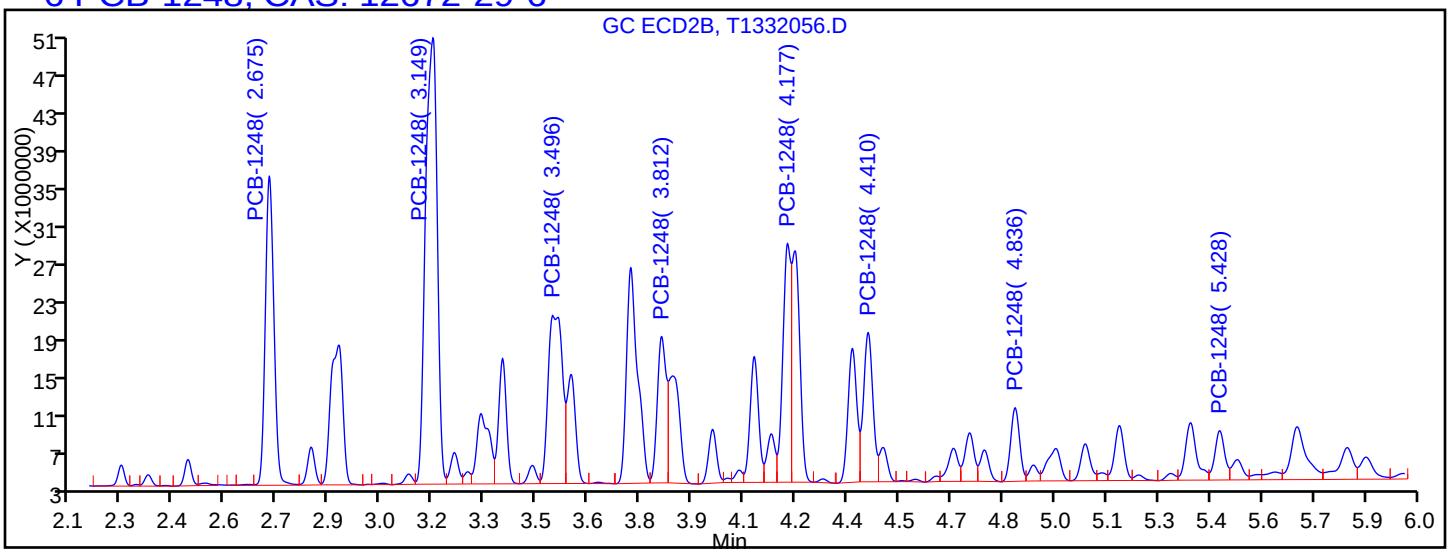
Report Date: 23-Aug-2016 14:42:19 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D

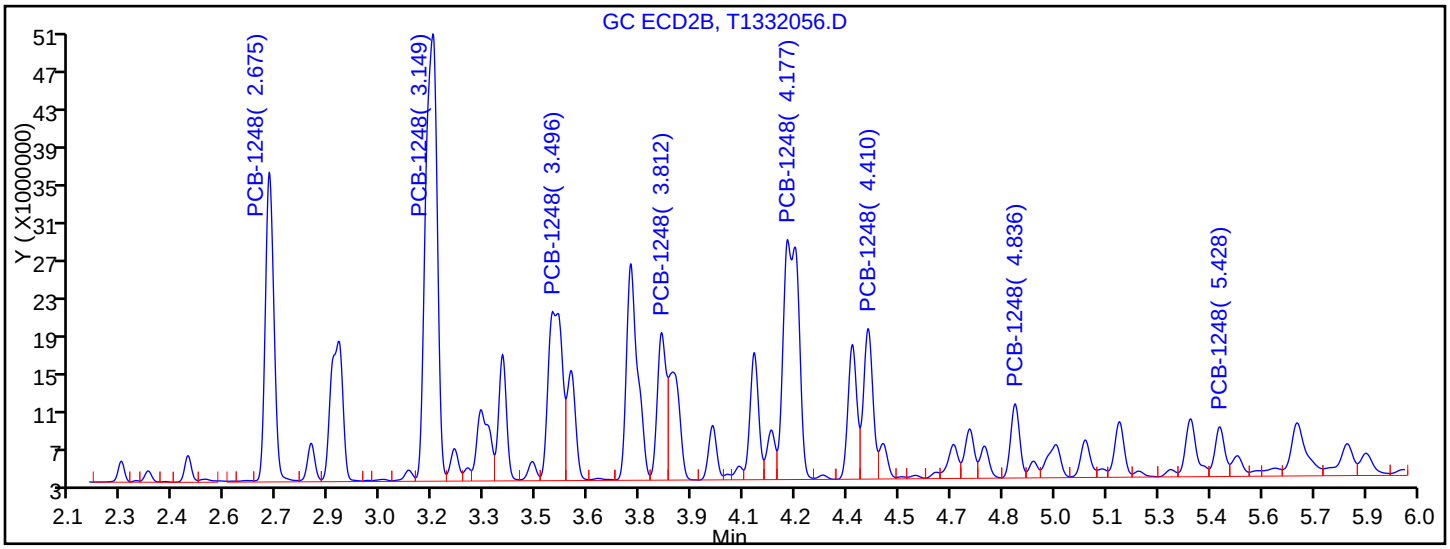
Injection Date:	23-Aug-2016 10:42:46	Instrument ID:	CPESTGC11		
Lims ID:	460-118325-A-16-A	Lab Sample ID:	460-118325-16		
Client ID:	PRA-P25E1-8.25				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.675	Response = 55822812	M
RT = 3.149	Response = 109918351	M
RT = 3.496	Response = 50567232	M
RT = 3.812	Response = 27909684	M
RT = 4.177	Response = 40268660	M
RT = 4.410	Response = 29687131	M
RT = 4.836	Response = 13832229	M
RT = 5.428	Response = 10212861	M



Manual Integration Results

RT = 2.675	Response = 56289552	M
RT = 3.149	Response = 110458459	M
RT = 3.496	Response = 51022694	M
RT = 3.812	Response = 28283030	M
RT = 4.177	Response = 79023041	M
RT = 4.410	Response = 30082075	M

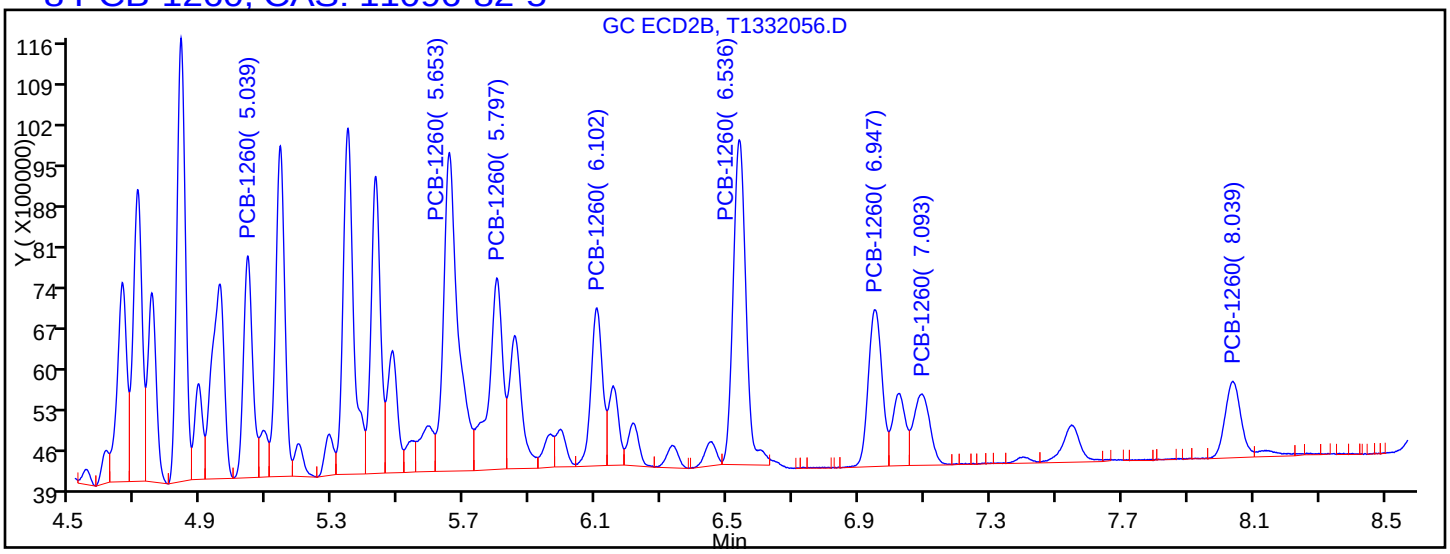
Report Date: 23-Aug-2016 14:42:19 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332056.D

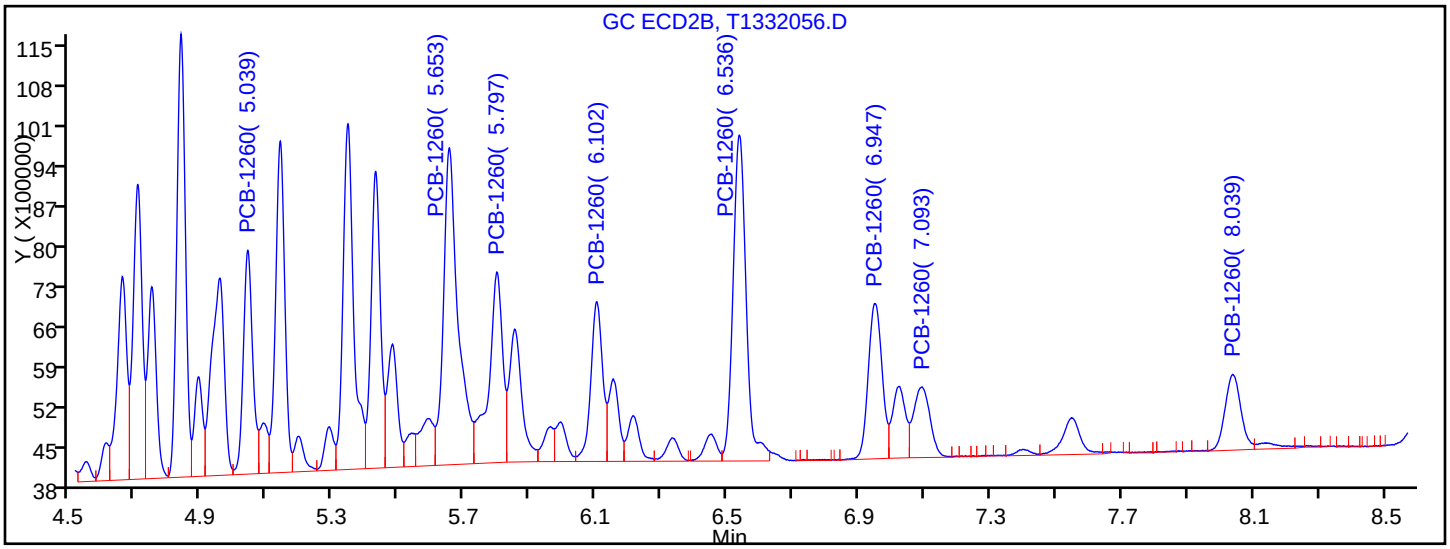
Injection Date:	23-Aug-2016 10:42:46	Instrument ID:	CPESTGC11
Lims ID:	460-118325-A-16-A	Lab Sample ID:	460-118325-16
Client ID:	PRA-P25E1-8.25		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 15
Injection Vol:	1.0 ul	Dil. Factor:	2.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.039	Response = 7452434	M
RT = 5.653	Response = 17014520	M
RT = 5.797	Response = 9806288	M
RT = 6.102	Response = 6680234	M
RT = 6.536	Response = 15237066	M
RT = 6.947	Response = 7981614	
RT = 7.093	Response = 4308728	
RT = 8.039	Response = 4440477	



Manual Integration Results

RT = 5.039	Response = 7794035	M
RT = 5.653	Response = 17170886	M
RT = 5.797	Response = 9901307	M
RT = 6.102	Response = 6992453	M
RT = 6.536	Response = 15825291	M
RT = 6.947	Response = 7981614	

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.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	0.0163	0.0156	0.0163	0.0156	Ave		0.0164				6.6		20.0			0.9900
PCB-1016 Peak 2	0.0342	0.0327	0.0316	0.0322	0.0312	Ave		0.0323				3.6		20.0			0.9900
PCB-1016 Peak 3	0.0174	0.0138	0.0125	0.0135	0.0133	Ave		0.0141				13.6		20.0			0.9900
PCB-1016 Peak 4	0.0705	0.0658	0.0640	0.0658	0.0640	Ave		0.0660				4.0		20.0			0.9900
PCB-1016 Peak 5	0.0308	0.0275	0.0267	0.0275	0.0267	Ave		0.0278				6.2		20.0			0.9900
PCB-1016 Peak 6	0.0142	0.0146	0.0141	0.0146	0.0141	Ave		0.0143				1.8		20.0			0.9900
PCB-1016 Peak 7	0.0241	0.0221	0.0216	0.0220	0.0213	Ave		0.0222				5.0		20.0			0.9900
PCB-1016 Peak 8	0.0248	0.0246	0.0243	0.0249	0.0242	Ave		0.0246				1.3		20.0			0.9900
PCB-1260 Peak 1	0.0207	0.0214	0.0214	0.0214	0.0209	Ave		0.0211				1.6		20.0			0.9900
PCB-1260 Peak 2	0.0456	0.0446	0.0446	0.0444	0.0432	Ave		0.0445				1.9		20.0			0.9900
PCB-1260 Peak 3	0.0533	0.0528	0.0521	0.0516	0.0500	Ave		0.0520				2.4		20.0			0.9900
PCB-1260 Peak 4	0.0412	0.0433	0.0422	0.0418	0.0405	Ave		0.0418				2.5		20.0			0.9900
PCB-1260 Peak 5	0.0469	0.0468	0.0464	0.0458	0.0445	Ave		0.0461				2.1		20.0			0.9900
PCB-1260 Peak 6	0.0973	0.0989	0.0975	0.0963	0.0939	Ave		0.0968				1.9		20.0			0.9900
PCB-1260 Peak 7	0.0756	0.0740	0.0717	0.0704	0.0706	Ave		0.0725				3.1		20.0			0.9900
PCB-1260 Peak 8	0.0279	0.0271	0.0265	0.0265	0.0261	Ave		0.0268				2.6		20.0			0.9900
Tetrachloro-m-xylene	0.8662	0.9111	0.8689	0.8775	0.8840	Ave		0.8815				2.0		20.0			0.9900
DCB Decachlorobiphenyl	0.7260	0.7319	0.7194	0.6940	0.7053	Ave		0.7153				2.2		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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.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	2383471	19947747	37214464	58856970	94368056	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	4450942	39847649	75127788	116217693	188148070	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2265887	16821854	29679246	48670211	80291841	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	9187173	80280216	152282244	237555906	386108517	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	4013840	33578572	63515995	99201310	160901993	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1851014	17797798	33548865	52581109	84995899	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3145812	26928358	51363153	79442295	128519270	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	3235444	30040601	57737690	89996046	146139896	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	2696008	26169828	50827089	77203552	125996858	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	5939775	54445319	106245724	160164329	260766285	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	6940606	64474128	124113120	186376539	302059609	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	5368130	52790602	100581197	150841048	244502543	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	6106642	57153947	110461120	165302329	268936894	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	12678163	120701616	232150751	347385866	566902787	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	9853674	90244352	170793787	254181707	426186386	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	3636685	33015803	63183426	95617467	157407607	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	28223476	111178386	206845811	316646455	426956448	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	23654358	89311814	171272113	250450560	340655792	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\20160617-42300.b\T1329657.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Jun-2016 16:49:49 ALS Bottle#: 3 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:10:51 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	52132508	20.0	20.0	
2	1.367	1.368	-0.001	44247020	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.425	2.426	-0.001	28223476	12.5	12.3	
2	1.998	1.999	-0.001	23622105	12.5	11.9	
						RPD = 3.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	2383471	50.0	55.6	
1	3.466	3.465	0.001	4450942	50.0	52.8	
1	3.743	3.738	0.005	2265887	50.0	61.7	M
1	3.985	3.985	0.000	9187173	50.0	53.4	
1	4.142	4.142	0.000	4013840	50.0	55.3	M
1	4.382	4.384	-0.002	1851014	50.0	49.6	
1	4.682	4.684	-0.002	3145812	50.0	54.3	
1	4.822	4.822	0.000	3235444	50.0	50.5	M
		Average of Peak Amounts =				54.2	
2	2.360	2.360	0.000	1988791	50.0	54.2	
2	2.717	2.718	-0.001	3657353	50.0	51.0	
2	2.922	2.921	0.001	2367984	50.0	49.5	
2	3.193	3.194	-0.001	7940401	50.0	49.8	
2	3.332	3.333	-0.001	3200676	50.0	48.6	
2	3.397	3.397	0.000	2246628	50.0	55.3	
2	3.769	3.770	-0.001	3519821	50.0	52.8	
2	3.859	3.860	-0.001	1898528	50.0	51.0	
		Average of Peak Amounts =				51.5	
						RPD = 5.02	
8 PCB-1260							M
1	5.996	5.996	0.000	2696008	50.0	48.9	
1	6.209	6.211	-0.002	5939775	50.0	51.2	
1	6.520	6.521	-0.001	6940606	50.0	51.2	M
1	7.225	7.228	-0.003	5368130	50.0	49.3	M
1	7.734	7.735	-0.001	6106642	50.0	50.8	
1	8.230	8.230	0.000	12678163	50.0	50.3	
1	8.962	8.960	0.002	9853674	50.0	52.2	
1	9.979	9.979	0.000	3636685	50.0	52.0	
		Average of Peak Amounts =				50.7	
2	5.090	5.091	-0.001	4924424	50.0	51.3	M
2	5.707	5.708	-0.001	8504377	50.0	51.3	M
2	5.855	5.855	0.000	5791258	50.0	57.3	M
2	6.161	6.162	-0.001	5479148	50.0	53.4	M
2	6.599	6.600	-0.001	11492180	50.0	50.5	M
2	7.017	7.019	-0.002	6090276	50.0	52.0	M
2	7.159	7.160	-0.001	3541594	50.0	53.0	M
2	8.120	8.119	0.001	3234769	50.0	49.2	
		Average of Peak Amounts =				52.2	
						RPD = 2.92	
$ 11 DCB Decachlorobiphenyl							M
1	10.541	10.542	-0.001	23654358	12.5	12.7	M
2	9.067	9.070	-0.003	28261365	12.5	13.3	
						RPD = 4.50	
S 12 Polychlorinated biphenyls, Total							
1						104.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

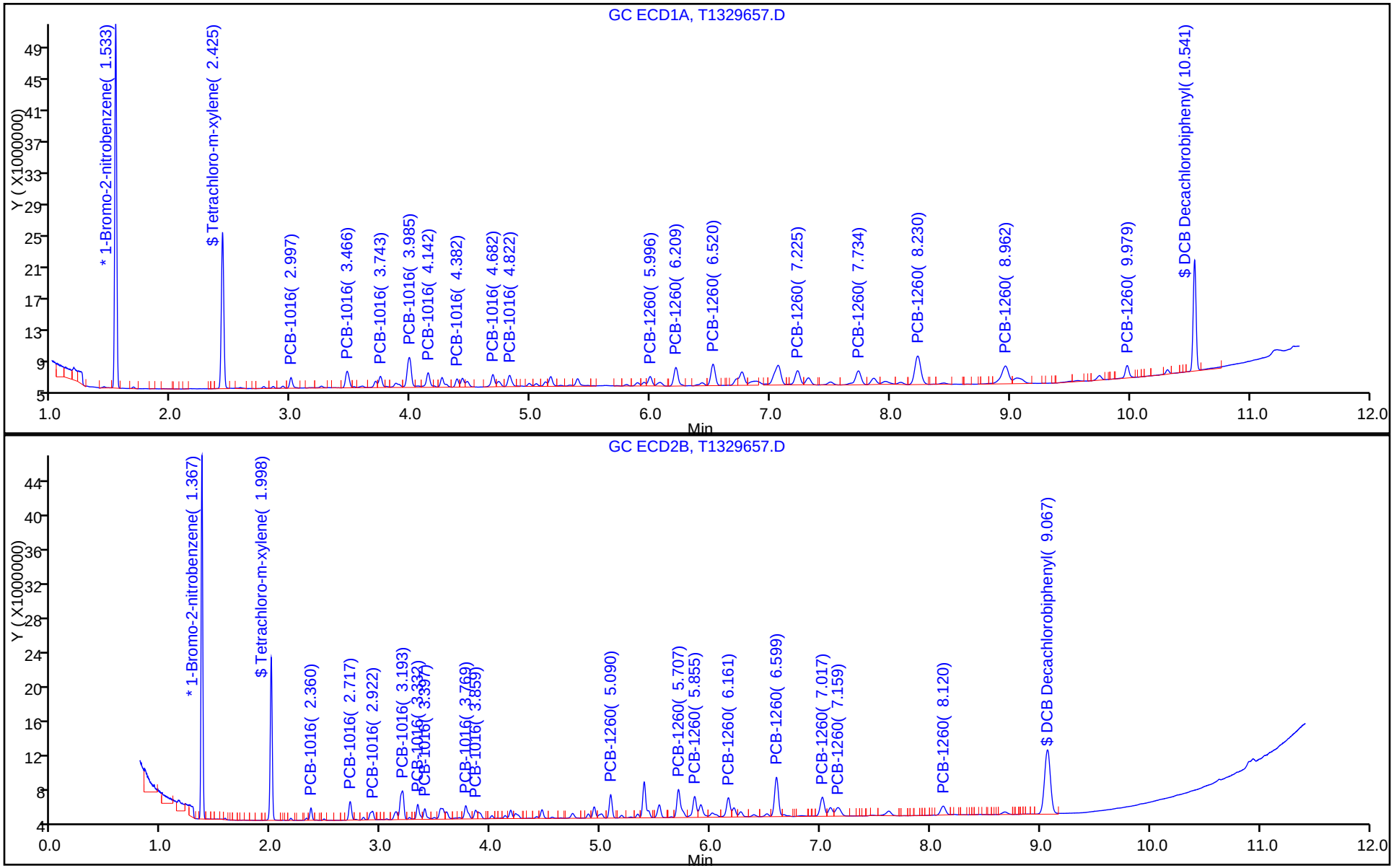
SG1660(LVI)L1_00009	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:10:57 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D

Injection Date:	17-Jun-2016 16:49:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			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\CPESTGC11\20160617-42300.b\T1329658.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jun-2016 17:04:19 ALS Bottle#: 4 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:00 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48810751	20.0	20.0	
2	1.367	1.368	-0.001	41476835	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	111178386	50.0	51.7	
2	1.998	1.999	-0.001	98412532	50.0	52.9	
						RPD = 2.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	19947747	500.0	497.1	
1	3.466	3.465	0.001	39847649	500.0	504.8	M
1	3.738	3.738	0.000	16821854	500.0	489.4	M
1	3.985	3.985	0.000	80280216	500.0	498.4	M
1	4.142	4.142	0.000	33578572	500.0	494.4	M
1	4.383	4.384	-0.001	17797798	500.0	509.8	M
1	4.683	4.684	-0.001	26928358	500.0	496.7	M
1	4.821	4.822	-0.001	30040601	500.0	501.0	M
		Average of Peak Amounts =				498.9	
2	2.360	2.360	0.000	17601723	500.0	511.5	
2	2.717	2.718	-0.001	34892704	500.0	519.1	
2	2.921	2.921	0.000	23176089	500.0	516.4	
2	3.194	3.194	0.000	77741733	500.0	520.5	M
2	3.333	3.333	0.000	32344176	500.0	524.3	M
2	3.397	3.397	0.000	19359269	500.0	508.1	M
2	3.771	3.770	0.001	32387214	500.0	517.9	M
2	3.861	3.860	0.001	17647110	500.0	505.6	M
		Average of Peak Amounts =				515.4	
						RPD = 3.25	
8 PCB-1260							M
1	5.996	5.996	0.000	26169828	500.0	507.0	
1	6.211	6.211	0.000	54445319	500.0	501.6	
1	6.521	6.521	0.000	64474128	500.0	508.2	
1	7.226	7.228	-0.002	52790602	500.0	517.5	
1	7.735	7.735	0.000	57153947	500.0	508.1	
1	8.231	8.230	0.001	120701616	500.0	511.1	
1	8.962	8.960	0.002	90244352	500.0	510.3	
1	9.976	9.979	-0.003	33015803	500.0	504.5	
		Average of Peak Amounts =				508.5	
2	5.090	5.091	-0.001	47388823	500.0	526.6	M
2	5.707	5.708	-0.001	81964387	500.0	527.2	M
2	5.855	5.855	0.000	48990909	500.0	516.9	M
2	6.162	6.162	0.000	50430467	500.0	524.0	M
2	6.600	6.600	0.000	113178484	500.0	530.5	M
2	7.017	7.019	-0.002	57795127	500.0	526.3	
2	7.161	7.160	0.001	32722825	500.0	522.7	
2	8.119	8.119	0.000	33169855	500.0	538.3	
		Average of Peak Amounts =				526.6	
						RPD = 3.48	
$ 11 DCB Decachlorobiphenyl							M
1	10.535	10.542	-0.007	89311814	50.0	51.2	M
2	9.070	9.070	0.000	107515159	50.0	53.9	
						RPD = 5.14	
S 12 Polychlorinated biphenyls, Total							
1						1007.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

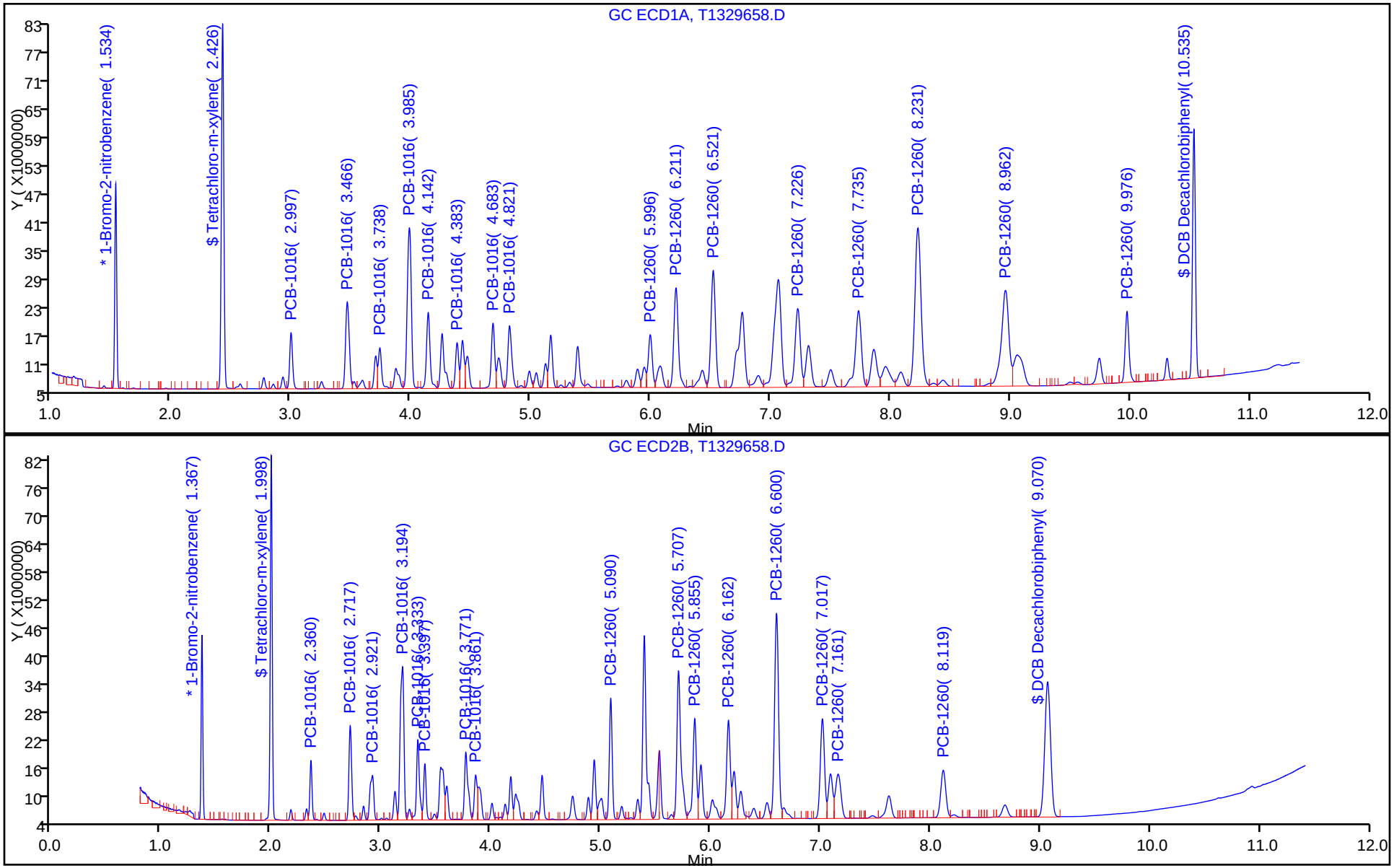
SG1660L2_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:05 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D

Injection Date:	17-Jun-2016 17:04:19	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			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\CPESTGC11\20160617-42300.b\T1329659.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 17-Jun-2016 17:18:51 ALS Bottle#: 5 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:10 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:14:07

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	1.534	1.534	0.000	47612772	20.0	20.0	
2	1.367	1.367	0.000	41392687	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	206845811	100.0	98.6	
2	1.999	1.999	0.000	191717609	100.0	103.2	
						RPD = 4.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.998	2.998	0.000	37214464	1000.0	950.8	
1	3.465	3.465	0.000	75127788	1000.0	975.6	
1	3.738	3.738	0.000	29679246	1000.0	885.1	
1	3.985	3.985	0.000	152282244	1000.0	969.1	
1	4.142	4.142	0.000	63515995	1000.0	958.8	
1	4.384	4.384	0.000	33548865	1000.0	985.1	
1	4.684	4.684	0.000	51363153	1000.0	971.2	
1	4.822	4.822	0.000	57737690	1000.0	987.2	
		Average of Peak Amounts =				960.4	
2	2.360	2.360	0.000	34355594	1000.0	1000.3	
2	2.718	2.718	0.000	68566680	1000.0	1022.1	
2	2.921	2.921	0.000	45996304	1000.0	1027.0	M
2	3.194	3.194	0.000	152704226	1000.0	1024.5	M
2	3.333	3.333	0.000	63513802	1000.0	1031.6	M
2	3.397	3.397	0.000	37762753	1000.0	993.1	M
2	3.770	3.770	0.000	62884821	1000.0	1007.6	M
2	3.860	3.860	0.000	35788067	1000.0	1027.5	M
		Average of Peak Amounts =				1016.7	
						RPD = 5.70	
8 PCB-1260							M
1	5.996	5.996	0.000	50827089	1000.0	1009.5	
1	6.211	6.211	0.000	106245724	1000.0	1003.4	
1	6.521	6.521	0.000	124113120	1000.0	1003.0	
1	7.228	7.228	0.000	100581197	1000.0	1010.8	
1	7.735	7.735	0.000	110461120	1000.0	1006.7	
1	8.230	8.230	0.000	232150751	1000.0	1007.7	
1	8.960	8.960	0.000	170793787	1000.0	990.0	
1	9.979	9.979	0.000	63183426	1000.0	989.8	
		Average of Peak Amounts =				1002.6	
2	5.091	5.091	0.000	92114022	1000.0	1025.6	M
2	5.708	5.708	0.000	159150615	1000.0	1025.8	M
2	5.855	5.855	0.000	94149722	1000.0	995.4	M
2	6.162	6.162	0.000	97649532	1000.0	1016.7	M
2	6.600	6.600	0.000	218244310	1000.0	1025.1	M
2	7.019	7.019	0.000	111607561	1000.0	1018.4	M
2	7.160	7.160	0.000	63382803	1000.0	1014.5	M
2	8.119	8.119	0.000	62634427	1000.0	1018.6	M
		Average of Peak Amounts =				1017.5	
						RPD = 1.48	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	171272113	100.0	100.6	
2	9.070	9.070	0.000	200322733	100.0	100.6	
						RPD = 0.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

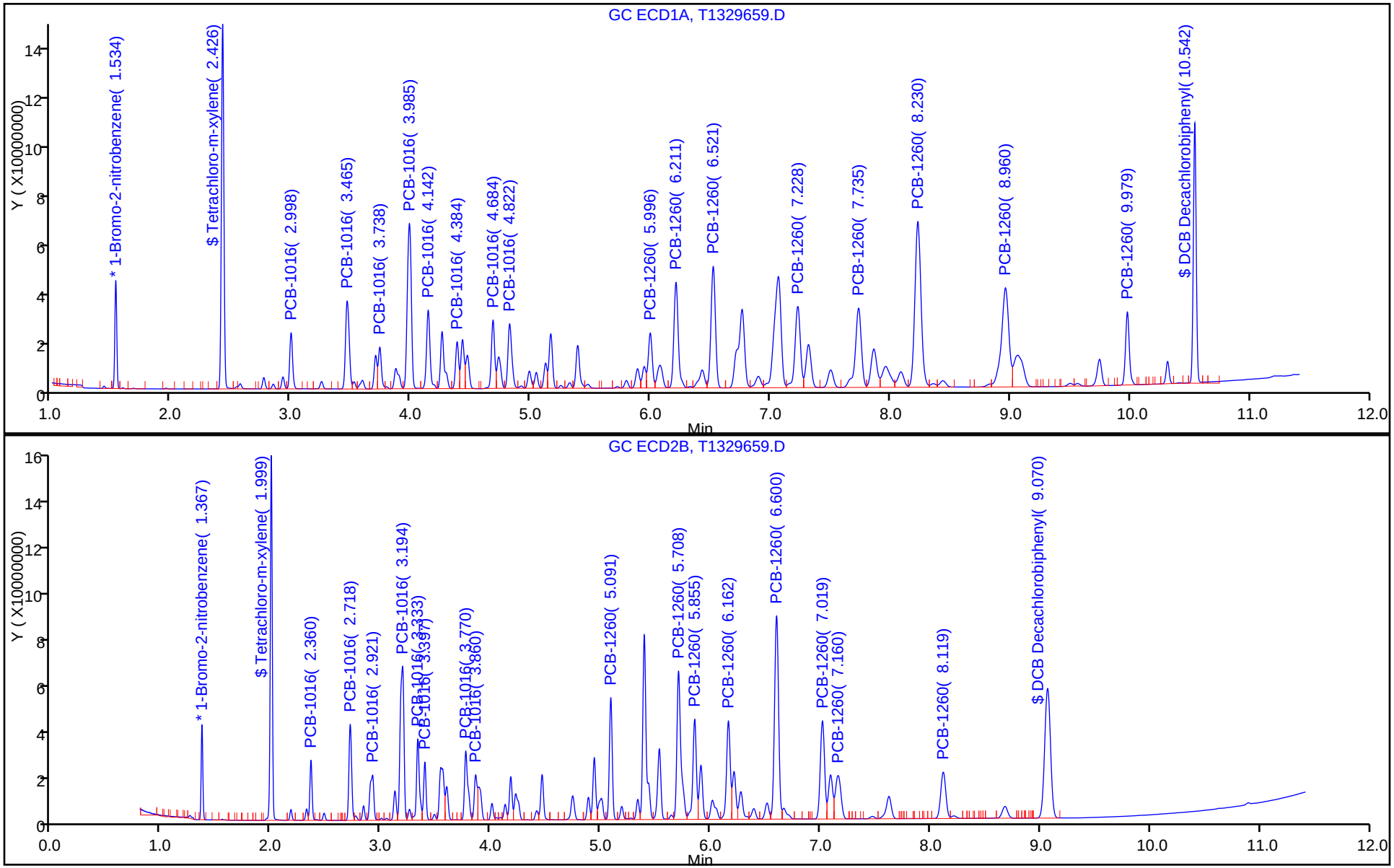
SG1660L3_00028	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:14 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D

Injection Date:	17-Jun-2016 17:18:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			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\CPESTGC11\20160617-42300.b\T1329660.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jun-2016 17:33:23 ALS Bottle#: 6 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:18 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:27

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	1.534	1.534	0.000	48114337	20.0	20.0	
2	1.367	1.367	0.000	44543070	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	316646455	150.0	149.3	
2	1.999	1.999	0.000	292476987	150.0	146.3	
						RPD = 2.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	58856970	1500.0	1488.0	
1	3.466	3.465	0.001	116217693	1500.0	1493.5	
1	3.739	3.738	0.001	48670211	1500.0	1436.4	M
1	3.986	3.985	0.001	237555906	1500.0	1496.0	M
1	4.142	4.142	0.000	99201310	1500.0	1481.9	M
1	4.384	4.384	0.000	52581109	1500.0	1527.8	M
1	4.683	4.684	-0.001	79442295	1500.0	1486.4	M
1	4.821	4.822	-0.001	89996046	1500.0	1522.7	M
		Average of Peak Amounts =				1491.6	
2	2.360	2.360	0.000	53669019	1500.0	1452.2	
2	2.717	2.718	-0.001	105872731	1500.0	1466.6	M
2	2.920	2.921	-0.001	71727205	1500.0	1488.3	M
2	3.194	3.194	0.000	236399127	1500.0	1473.8	M
2	3.332	3.333	-0.001	98100029	1500.0	1480.6	M
2	3.396	3.397	-0.001	58728292	1500.0	1435.2	M
2	3.771	3.770	0.001	97272346	1500.0	1448.3	M
2	3.860	3.860	0.000	55039601	1500.0	1468.5	M
		Average of Peak Amounts =				1464.2	
						RPD = 1.85	
8 PCB-1260							M
1	5.996	5.996	0.000	77203552	1500.0	1517.4	M
1	6.211	6.211	0.000	160164329	1500.0	1496.8	M
1	6.521	6.521	0.000	186376539	1500.0	1490.4	M
1	7.226	7.228	-0.002	150841048	1500.0	1500.0	M
1	7.736	7.735	0.001	165302329	1500.0	1490.9	M
1	8.231	8.230	0.001	347385866	1500.0	1492.1	M
1	8.964	8.960	0.004	254181707	1500.0	1458.0	M
1	9.979	9.979	0.000	95617467	1500.0	1482.3	
		Average of Peak Amounts =				1491.0	
2	5.090	5.091	-0.001	139556499	1500.0	1443.9	M
2	5.707	5.708	-0.001	239956000	1500.0	1437.2	M
2	5.855	5.855	0.000	141095517	1500.0	1386.2	M
2	6.162	6.162	0.000	146837674	1500.0	1420.8	M
2	6.601	6.600	0.001	329230507	1500.0	1437.0	M
2	7.019	7.019	0.000	168116758	1500.0	1425.5	M
2	7.161	7.160	0.001	95473729	1500.0	1420.1	M
2	8.119	8.119	0.000	95699032	1500.0	1446.2	
		Average of Peak Amounts =				1427.1	
						RPD = 4.38	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	250450560	150.0	145.5	
2	9.070	9.070	0.000	295435713	150.0	137.8	
						RPD = 5.46	
S 12 Polychlorinated biphenyls, Total							
1						2982.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

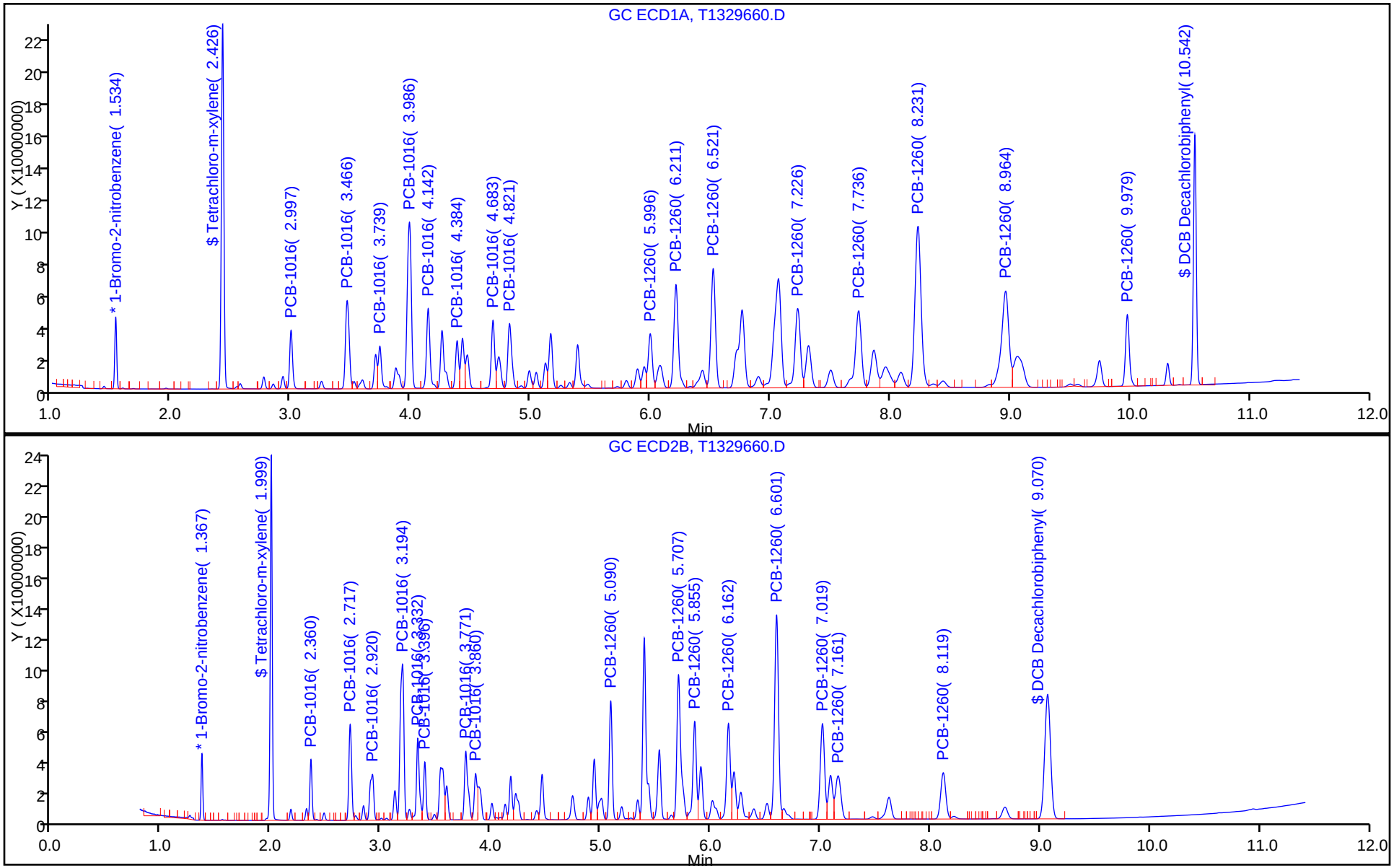
SG1660L4_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:21 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D

Injection Date:	17-Jun-2016 17:33:23	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#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Jun-2016 17:47:54 ALS Bottle#: 7 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:36

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	1.533	1.534	-0.001	48300680	20.0	20.0	
2	1.366	1.367	-0.001	45028249	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.426	2.426	0.000	426956448	200.0	200.6	
2	1.998	1.999	-0.001	398057397	200.0	196.9	M
						RPD = 1.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	94368056	2500.0	2376.6	
1	3.466	3.465	0.001	188148070	2500.0	2408.5	
1	3.738	3.738	0.000	80291841	2500.0	2360.5	M
1	3.986	3.985	0.001	386108517	2500.0	2422.2	M
1	4.141	4.142	-0.001	160901993	2500.0	2394.3	M
1	4.383	4.384	-0.001	84995899	2500.0	2460.2	M
1	4.682	4.684	-0.002	128519270	2500.0	2395.4	M
1	4.821	4.822	-0.001	146139896	2500.0	2463.1	M
		Average of Peak Amounts =				2410.1	
2	2.359	2.360	-0.001	86409581	2500.0	2312.9	M
2	2.717	2.718	-0.001	171845426	2500.0	2354.8	M
2	2.920	2.921	-0.001	116753415	2500.0	2396.5	M
2	3.194	3.194	0.000	387264464	2500.0	2388.3	M
2	3.332	3.333	-0.001	160787056	2500.0	2400.6	M
2	3.396	3.397	-0.001	96036359	2500.0	2321.6	M
2	3.770	3.770	0.000	158885557	2500.0	2340.2	M
2	3.859	3.860	-0.001	91159231	2500.0	2406.0	M
		Average of Peak Amounts =				2365.1	
						RPD = 1.88	
8 PCB-1260							M
1	5.996	5.996	0.000	125996858	2500.0	2466.9	M
1	6.211	6.211	0.000	260766285	2500.0	2427.6	M
1	6.521	6.521	0.000	302059609	2500.0	2406.2	M
1	7.226	7.228	-0.002	244502543	2500.0	2422.1	M
1	7.735	7.735	0.000	268936894	2500.0	2416.2	M
1	8.229	8.230	-0.001	566902787	2500.0	2425.6	M
1	8.961	8.960	0.001	426186386	2500.0	2435.2	
1	9.978	9.979	-0.001	157407607	2500.0	2430.8	
		Average of Peak Amounts =				2428.8	
2	5.090	5.091	-0.001	227869318	2500.0	2332.2	
2	5.707	5.708	-0.001	394937801	2500.0	2340.0	
2	5.856	5.855	0.001	231805091	2500.0	2252.8	
2	6.162	6.162	0.000	240471545	2500.0	2301.7	
2	6.600	6.600	0.000	547674887	2500.0	2364.7	
2	7.018	7.019	-0.001	279865744	2500.0	2347.5	
2	7.160	7.160	0.000	158480502	2500.0	2331.9	
2	8.118	8.119	-0.001	159946733	2500.0	2391.1	
		Average of Peak Amounts =				2332.7	
						RPD = 4.04	
$ 11 DCB Decachlorobiphenyl							
1	10.541	10.542	-0.001	340655792	200.0	197.2	
2	9.069	9.070	-0.001	406125262	200.0	187.4	
						RPD = 5.09	
S 12 Polychlorinated biphenyls, Total							
1						4838.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

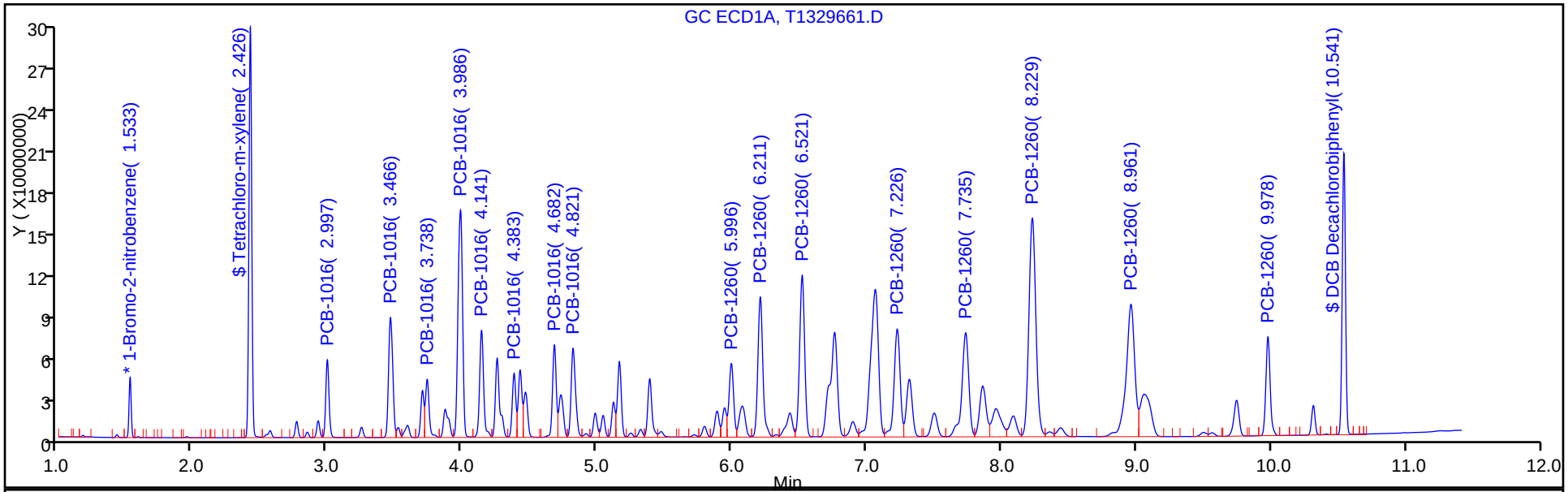
SG1660L5_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

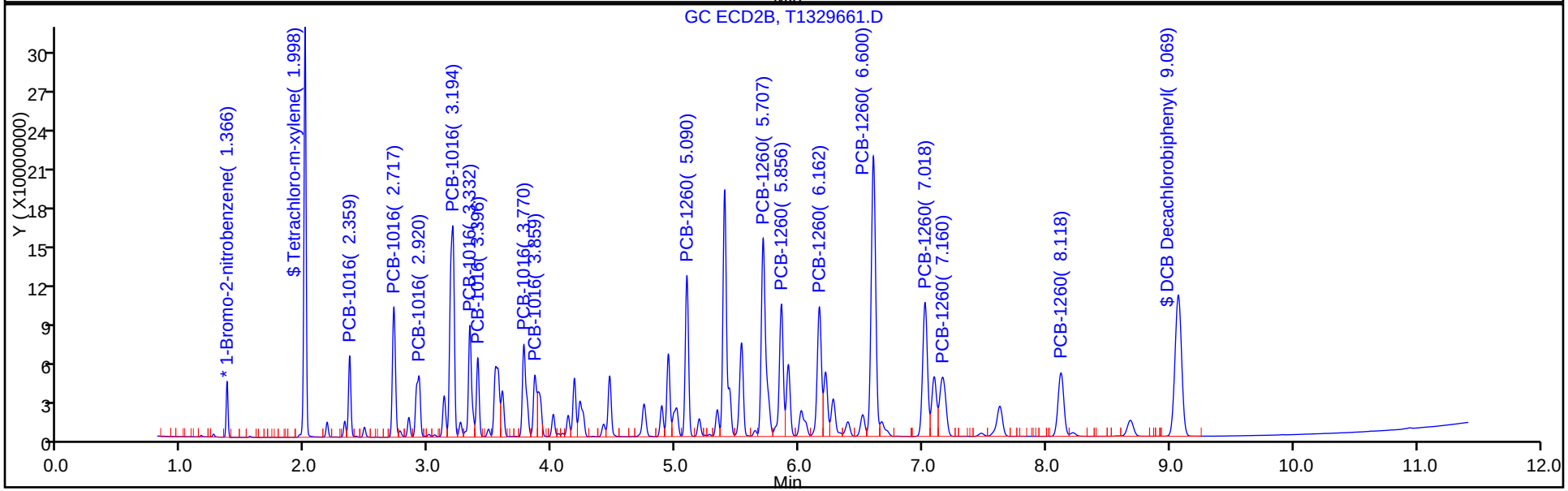
Report Date: 19-Jun-2016 09:11:28 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D

Injection Date:	17-Jun-2016 17:47:54	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.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	0.0180	0.0170	0.0166	0.0161	0.0154	Ave		0.0166				5.9		20.0			0.9900
PCB-1016 Peak 2	0.0331	0.0337	0.0331	0.0317	0.0305	Ave		0.0324				3.9		20.0			0.9900
PCB-1016 Peak 3	0.0214	0.0224	0.0222	0.0215	0.0207	Ave		0.0216				3.0		20.0			0.9900
PCB-1016 Peak 4	0.0718	0.0750	0.0738	0.0708	0.0688	Ave		0.0720				3.4		20.0			0.9900
PCB-1016 Peak 5	0.0289	0.0312	0.0307	0.0294	0.0286	Ave		0.0297				3.8		20.0			0.9900
PCB-1016 Peak 6	0.0203	0.0187	0.0182	0.0176	0.0171	Ave		0.0184				6.8		20.0			0.9900
PCB-1016 Peak 7	0.0318	0.0312	0.0304	0.0291	0.0282	Ave		0.0302				4.9		20.0			0.9900
PCB-1016 Peak 8	0.0172	0.0170	0.0173	0.0165	0.0162	Ave		0.0168				2.8		20.0			0.9900
PCB-1260 Peak 1	0.0445	0.0457	0.0445	0.0418	0.0405	Ave		0.0434				5.0		20.0			0.9900
PCB-1260 Peak 2	0.0769	0.0790	0.0769	0.0718	0.0702	Ave		0.0750				5.0		20.0			0.9900
PCB-1260 Peak 3	0.0524	0.0472	0.0455	0.0422	0.0412	Ave		0.0457				9.7		20.0			0.9900
PCB-1260 Peak 4	0.0495	0.0486	0.0472	0.0440	0.0427	Ave		0.0464				6.4		20.0			0.9900
PCB-1260 Peak 5	0.1039	0.1091	0.1055	0.0986	0.0973	Ave		0.1029				4.8		20.0			0.9900
PCB-1260 Peak 6	0.0551	0.0557	0.0539	0.0503	0.0497	Ave		0.0530				5.2		20.0			0.9900
PCB-1260 Peak 7	0.0320	0.0316	0.0306	0.0286	0.0282	Ave		0.0302				5.8		20.0			0.9900
PCB-1260 Peak 8	0.0292	0.0320	0.0303	0.0286	0.0284	Ave		0.0297				4.9		20.0			0.9900
Tetrachloro-m-xylene	0.8542	0.9491	0.9263	0.8755	0.8840	Ave		0.8978				4.3		20.0			0.9900
DCB Decachlorobiphenyl	1.0219	1.0369	0.9679	0.8843	0.9019	Ave		0.9626				7.1		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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.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	1988791	17601723	34355594	53669019	86409581	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	3657353	34892704	68566680	105872731	171845426	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2367984	23176089	45996304	71727205	116753415	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	7940401	77741733	152704226	236399127	387264464	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	3200676	32344176	63513802	98100029	160787056	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	2246628	19359269	37762753	58728292	96036359	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3519821	32387214	62884821	97272346	158885557	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	1898528	17647110	35788067	55039601	91159231	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	4924424	47388823	92114022	139556499	227869318	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	8504377	81964387	159150615	239956000	394937801	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	5791258	48990909	94149722	141095517	231805091	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	5479148	50430467	97649532	146837674	240471545	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	11492180	113178484	218244310	329230507	547674887	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	6090276	57795127	111607561	168116758	279865744	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	3541594	32722825	63382803	95473729	158480502	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	3234769	33169855	62634427	95699032	159946733	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	23622105	98412532	191717609	292476987	398057397	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	28261365	107515159	200322733	295435713	406125262	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\20160617-42300.b\T1329657.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Jun-2016 16:49:49 ALS Bottle#: 3 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:10:51 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	52132508	20.0	20.0	
2	1.367	1.368	-0.001	44247020	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.425	2.426	-0.001	28223476	12.5	12.3	
2	1.998	1.999	-0.001	23622105	12.5	11.9	
						RPD = 3.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	2383471	50.0	55.6	
1	3.466	3.465	0.001	4450942	50.0	52.8	
1	3.743	3.738	0.005	2265887	50.0	61.7	M
1	3.985	3.985	0.000	9187173	50.0	53.4	
1	4.142	4.142	0.000	4013840	50.0	55.3	M
1	4.382	4.384	-0.002	1851014	50.0	49.6	
1	4.682	4.684	-0.002	3145812	50.0	54.3	
1	4.822	4.822	0.000	3235444	50.0	50.5	M
		Average of Peak Amounts =				54.2	
2	2.360	2.360	0.000	1988791	50.0	54.2	
2	2.717	2.718	-0.001	3657353	50.0	51.0	
2	2.922	2.921	0.001	2367984	50.0	49.5	
2	3.193	3.194	-0.001	7940401	50.0	49.8	
2	3.332	3.333	-0.001	3200676	50.0	48.6	
2	3.397	3.397	0.000	2246628	50.0	55.3	
2	3.769	3.770	-0.001	3519821	50.0	52.8	
2	3.859	3.860	-0.001	1898528	50.0	51.0	
		Average of Peak Amounts =				51.5	
						RPD = 5.02	
8 PCB-1260							M
1	5.996	5.996	0.000	2696008	50.0	48.9	
1	6.209	6.211	-0.002	5939775	50.0	51.2	
1	6.520	6.521	-0.001	6940606	50.0	51.2	M
1	7.225	7.228	-0.003	5368130	50.0	49.3	M
1	7.734	7.735	-0.001	6106642	50.0	50.8	
1	8.230	8.230	0.000	12678163	50.0	50.3	
1	8.962	8.960	0.002	9853674	50.0	52.2	
1	9.979	9.979	0.000	3636685	50.0	52.0	
		Average of Peak Amounts =				50.7	
2	5.090	5.091	-0.001	4924424	50.0	51.3	M
2	5.707	5.708	-0.001	8504377	50.0	51.3	M
2	5.855	5.855	0.000	5791258	50.0	57.3	M
2	6.161	6.162	-0.001	5479148	50.0	53.4	M
2	6.599	6.600	-0.001	11492180	50.0	50.5	M
2	7.017	7.019	-0.002	6090276	50.0	52.0	M
2	7.159	7.160	-0.001	3541594	50.0	53.0	M
2	8.120	8.119	0.001	3234769	50.0	49.2	
		Average of Peak Amounts =				52.2	
						RPD = 2.92	
$ 11 DCB Decachlorobiphenyl							M
1	10.541	10.542	-0.001	23654358	12.5	12.7	M
2	9.067	9.070	-0.003	28261365	12.5	13.3	
						RPD = 4.50	
S 12 Polychlorinated biphenyls, Total							
1						104.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

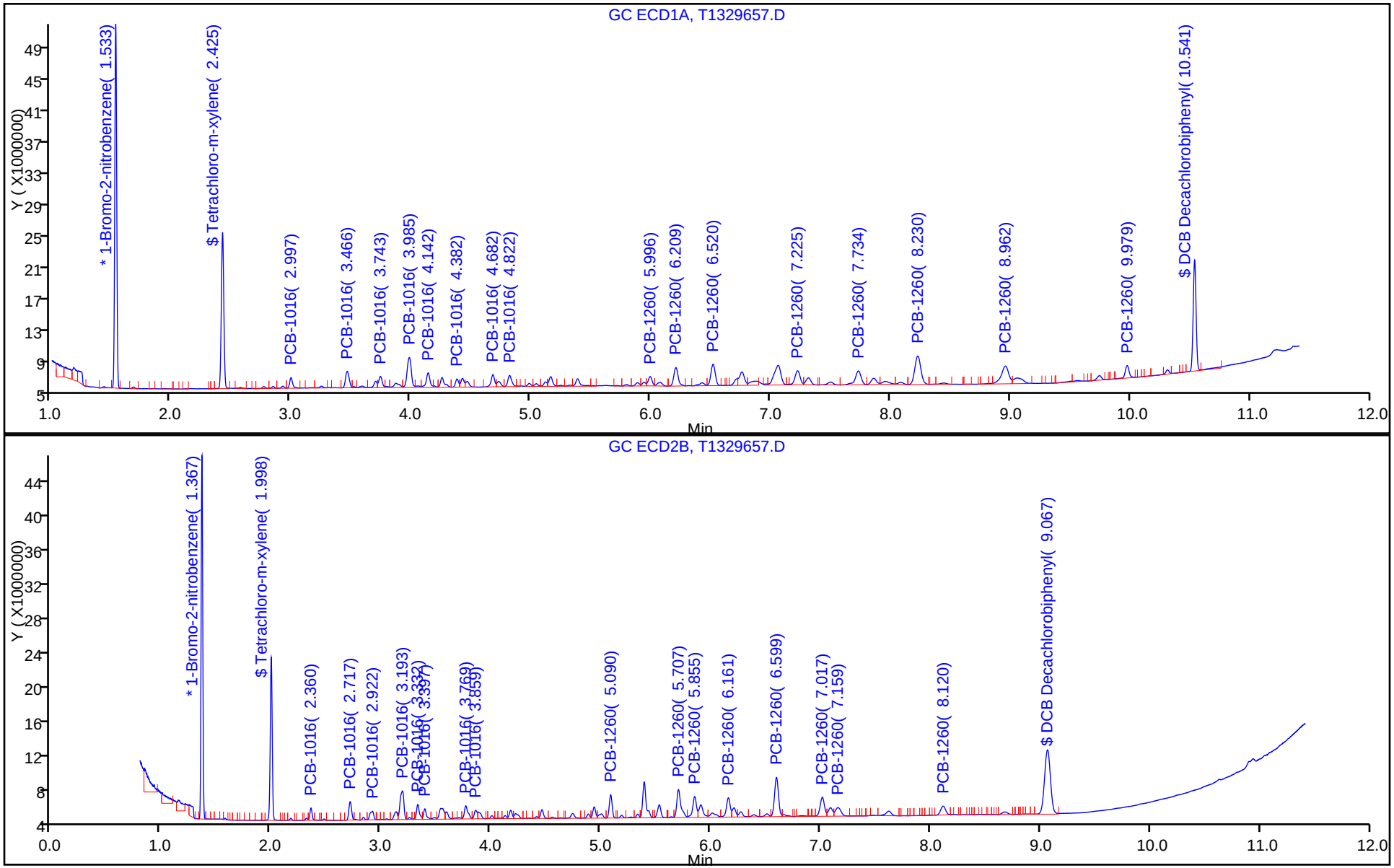
SG1660(LVI)L1_00009	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:10:58 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D

Injection Date:	17-Jun-2016 16:49:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			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\CPESTGC11\20160617-42300.b\T1329658.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jun-2016 17:04:19 ALS Bottle#: 4 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:00 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48810751	20.0	20.0	
2	1.367	1.368	-0.001	41476835	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	111178386	50.0	51.7	
2	1.998	1.999	-0.001	98412532	50.0	52.9	
						RPD = 2.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	19947747	500.0	497.1	
1	3.466	3.465	0.001	39847649	500.0	504.8	M
1	3.738	3.738	0.000	16821854	500.0	489.4	M
1	3.985	3.985	0.000	80280216	500.0	498.4	M
1	4.142	4.142	0.000	33578572	500.0	494.4	M
1	4.383	4.384	-0.001	17797798	500.0	509.8	M
1	4.683	4.684	-0.001	26928358	500.0	496.7	M
1	4.821	4.822	-0.001	30040601	500.0	501.0	M
		Average of Peak Amounts =				498.9	
2	2.360	2.360	0.000	17601723	500.0	511.5	
2	2.717	2.718	-0.001	34892704	500.0	519.1	
2	2.921	2.921	0.000	23176089	500.0	516.4	
2	3.194	3.194	0.000	77741733	500.0	520.5	M
2	3.333	3.333	0.000	32344176	500.0	524.3	M
2	3.397	3.397	0.000	19359269	500.0	508.1	M
2	3.771	3.770	0.001	32387214	500.0	517.9	M
2	3.861	3.860	0.001	17647110	500.0	505.6	M
		Average of Peak Amounts =				515.4	
						RPD = 3.25	
8 PCB-1260							M
1	5.996	5.996	0.000	26169828	500.0	507.0	
1	6.211	6.211	0.000	54445319	500.0	501.6	
1	6.521	6.521	0.000	64474128	500.0	508.2	
1	7.226	7.228	-0.002	52790602	500.0	517.5	
1	7.735	7.735	0.000	57153947	500.0	508.1	
1	8.231	8.230	0.001	120701616	500.0	511.1	
1	8.962	8.960	0.002	90244352	500.0	510.3	
1	9.976	9.979	-0.003	33015803	500.0	504.5	
		Average of Peak Amounts =				508.5	
2	5.090	5.091	-0.001	47388823	500.0	526.6	M
2	5.707	5.708	-0.001	81964387	500.0	527.2	M
2	5.855	5.855	0.000	48990909	500.0	516.9	M
2	6.162	6.162	0.000	50430467	500.0	524.0	M
2	6.600	6.600	0.000	113178484	500.0	530.5	M
2	7.017	7.019	-0.002	57795127	500.0	526.3	
2	7.161	7.160	0.001	32722825	500.0	522.7	
2	8.119	8.119	0.000	33169855	500.0	538.3	
		Average of Peak Amounts =				526.6	
						RPD = 3.48	
$ 11 DCB Decachlorobiphenyl							M
1	10.535	10.542	-0.007	89311814	50.0	51.2	M
2	9.070	9.070	0.000	107515159	50.0	53.9	
						RPD = 5.14	
S 12 Polychlorinated biphenyls, Total							
1						1007.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

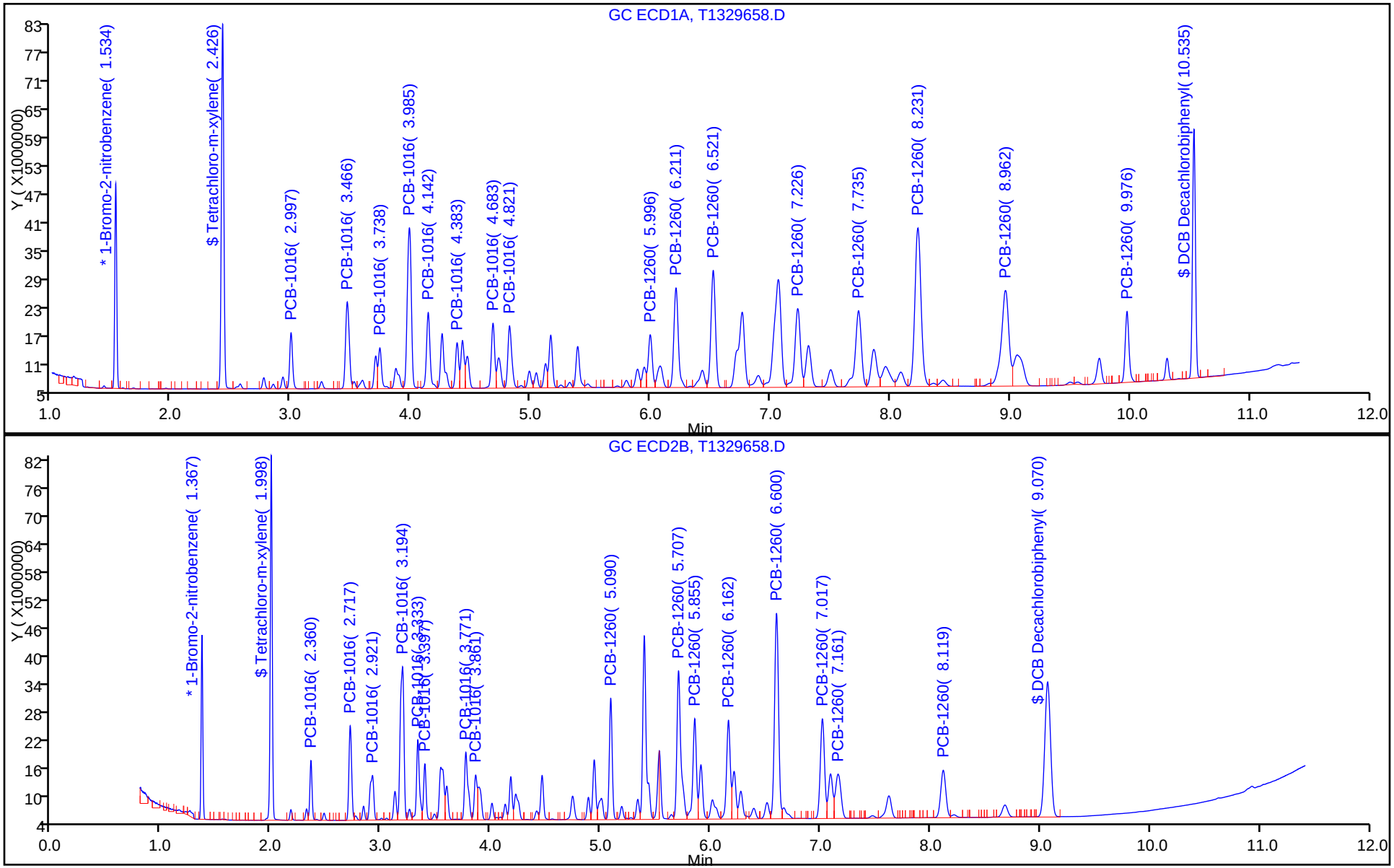
SG1660L2_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:05 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D

Injection Date:	17-Jun-2016 17:04:19	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			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\CPESTGC11\20160617-42300.b\T1329659.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 17-Jun-2016 17:18:51 ALS Bottle#: 5 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:10 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:14:07

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	1.534	1.534	0.000	47612772	20.0	20.0	
2	1.367	1.367	0.000	41392687	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	206845811	100.0	98.6	
2	1.999	1.999	0.000	191717609	100.0	103.2	
						RPD = 4.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.998	2.998	0.000	37214464	1000.0	950.8	
1	3.465	3.465	0.000	75127788	1000.0	975.6	
1	3.738	3.738	0.000	29679246	1000.0	885.1	
1	3.985	3.985	0.000	152282244	1000.0	969.1	
1	4.142	4.142	0.000	63515995	1000.0	958.8	
1	4.384	4.384	0.000	33548865	1000.0	985.1	
1	4.684	4.684	0.000	51363153	1000.0	971.2	
1	4.822	4.822	0.000	57737690	1000.0	987.2	
		Average of Peak Amounts =				960.4	
2	2.360	2.360	0.000	34355594	1000.0	1000.3	
2	2.718	2.718	0.000	68566680	1000.0	1022.1	
2	2.921	2.921	0.000	45996304	1000.0	1027.0	M
2	3.194	3.194	0.000	152704226	1000.0	1024.5	M
2	3.333	3.333	0.000	63513802	1000.0	1031.6	M
2	3.397	3.397	0.000	37762753	1000.0	993.1	M
2	3.770	3.770	0.000	62884821	1000.0	1007.6	M
2	3.860	3.860	0.000	35788067	1000.0	1027.5	M
		Average of Peak Amounts =				1016.7	
						RPD = 5.70	
8 PCB-1260							M
1	5.996	5.996	0.000	50827089	1000.0	1009.5	
1	6.211	6.211	0.000	106245724	1000.0	1003.4	
1	6.521	6.521	0.000	124113120	1000.0	1003.0	
1	7.228	7.228	0.000	100581197	1000.0	1010.8	
1	7.735	7.735	0.000	110461120	1000.0	1006.7	
1	8.230	8.230	0.000	232150751	1000.0	1007.7	
1	8.960	8.960	0.000	170793787	1000.0	990.0	
1	9.979	9.979	0.000	63183426	1000.0	989.8	
		Average of Peak Amounts =				1002.6	
2	5.091	5.091	0.000	92114022	1000.0	1025.6	M
2	5.708	5.708	0.000	159150615	1000.0	1025.8	M
2	5.855	5.855	0.000	94149722	1000.0	995.4	M
2	6.162	6.162	0.000	97649532	1000.0	1016.7	M
2	6.600	6.600	0.000	218244310	1000.0	1025.1	M
2	7.019	7.019	0.000	111607561	1000.0	1018.4	M
2	7.160	7.160	0.000	63382803	1000.0	1014.5	M
2	8.119	8.119	0.000	62634427	1000.0	1018.6	M
		Average of Peak Amounts =				1017.5	
						RPD = 1.48	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	171272113	100.0	100.6	
2	9.070	9.070	0.000	200322733	100.0	100.6	
						RPD = 0.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

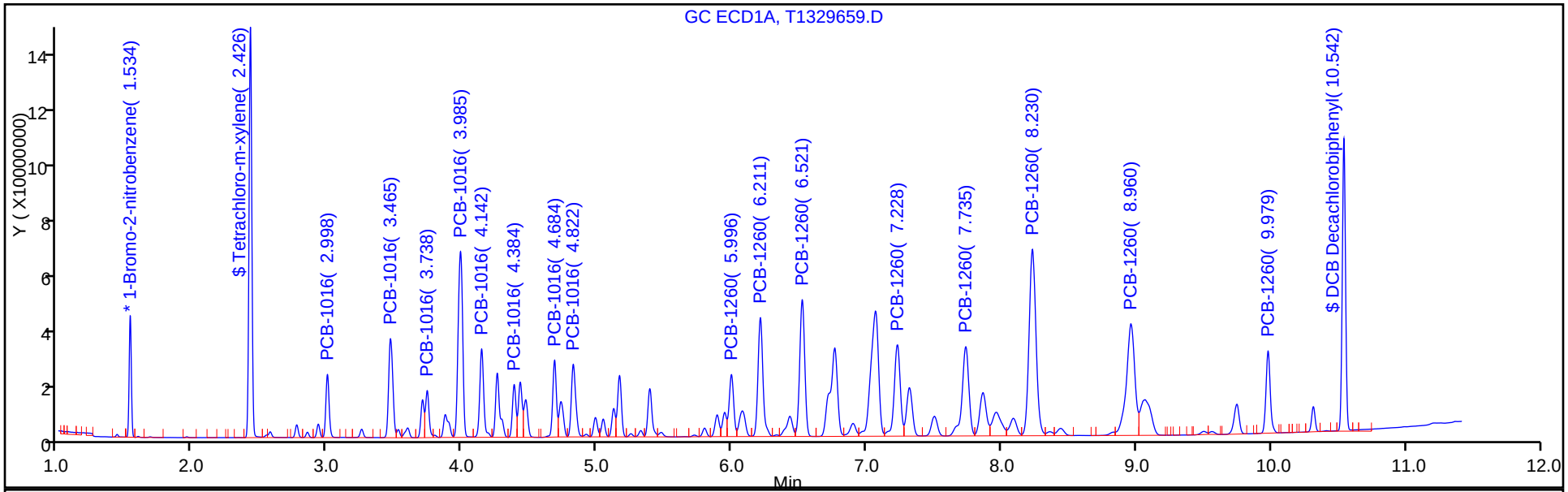
SG1660L3_00028	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

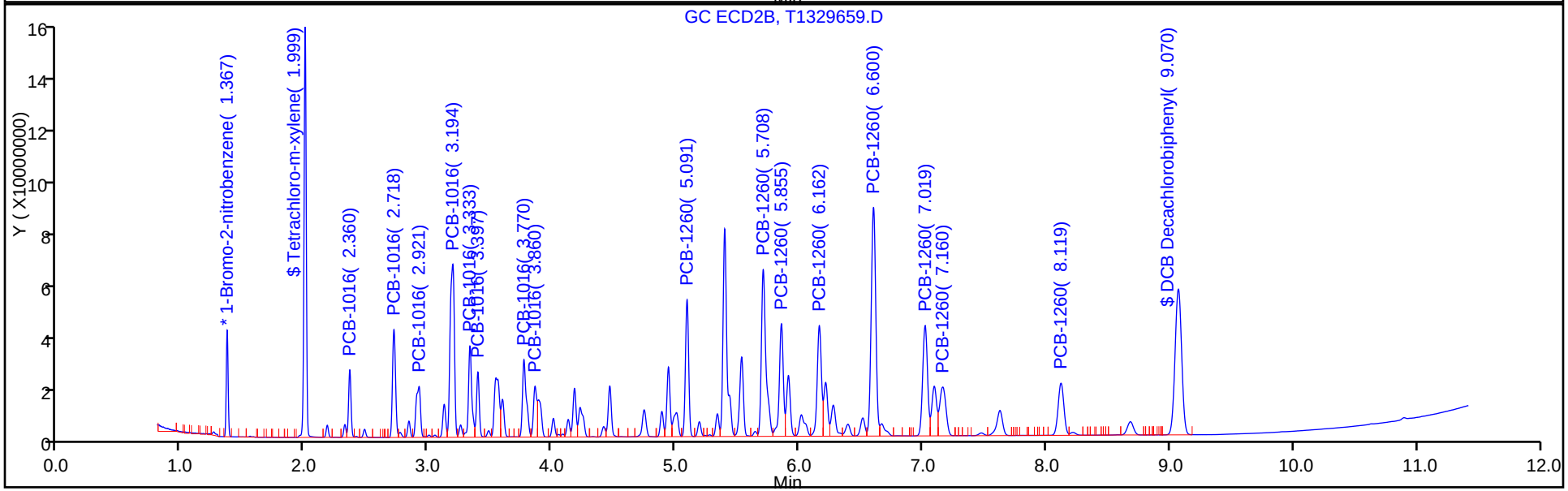
Report Date: 19-Jun-2016 09:11:15 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D

Injection Date:	17-Jun-2016 17:18:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			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\CPESTGC11\20160617-42300.b\T1329660.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jun-2016 17:33:23 ALS Bottle#: 6 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:18 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:27

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	1.534	1.534	0.000	48114337	20.0	20.0	
2	1.367	1.367	0.000	44543070	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	316646455	150.0	149.3	
2	1.999	1.999	0.000	292476987	150.0	146.3	
						RPD = 2.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	58856970	1500.0	1488.0	
1	3.466	3.465	0.001	116217693	1500.0	1493.5	
1	3.739	3.738	0.001	48670211	1500.0	1436.4	M
1	3.986	3.985	0.001	237555906	1500.0	1496.0	M
1	4.142	4.142	0.000	99201310	1500.0	1481.9	M
1	4.384	4.384	0.000	52581109	1500.0	1527.8	M
1	4.683	4.684	-0.001	79442295	1500.0	1486.4	M
1	4.821	4.822	-0.001	89996046	1500.0	1522.7	M
		Average of Peak Amounts =				1491.6	
2	2.360	2.360	0.000	53669019	1500.0	1452.2	
2	2.717	2.718	-0.001	105872731	1500.0	1466.6	M
2	2.920	2.921	-0.001	71727205	1500.0	1488.3	M
2	3.194	3.194	0.000	236399127	1500.0	1473.8	M
2	3.332	3.333	-0.001	98100029	1500.0	1480.6	M
2	3.396	3.397	-0.001	58728292	1500.0	1435.2	M
2	3.771	3.770	0.001	97272346	1500.0	1448.3	M
2	3.860	3.860	0.000	55039601	1500.0	1468.5	M
		Average of Peak Amounts =				1464.2	
						RPD = 1.85	
8 PCB-1260							M
1	5.996	5.996	0.000	77203552	1500.0	1517.4	M
1	6.211	6.211	0.000	160164329	1500.0	1496.8	M
1	6.521	6.521	0.000	186376539	1500.0	1490.4	M
1	7.226	7.228	-0.002	150841048	1500.0	1500.0	M
1	7.736	7.735	0.001	165302329	1500.0	1490.9	M
1	8.231	8.230	0.001	347385866	1500.0	1492.1	M
1	8.964	8.960	0.004	254181707	1500.0	1458.0	M
1	9.979	9.979	0.000	95617467	1500.0	1482.3	
		Average of Peak Amounts =				1491.0	
2	5.090	5.091	-0.001	139556499	1500.0	1443.9	M
2	5.707	5.708	-0.001	239956000	1500.0	1437.2	M
2	5.855	5.855	0.000	141095517	1500.0	1386.2	M
2	6.162	6.162	0.000	146837674	1500.0	1420.8	M
2	6.601	6.600	0.001	329230507	1500.0	1437.0	M
2	7.019	7.019	0.000	168116758	1500.0	1425.5	M
2	7.161	7.160	0.001	95473729	1500.0	1420.1	M
2	8.119	8.119	0.000	95699032	1500.0	1446.2	
		Average of Peak Amounts =				1427.1	
						RPD = 4.38	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	250450560	150.0	145.5	
2	9.070	9.070	0.000	295435713	150.0	137.8	
						RPD = 5.46	
S 12 Polychlorinated biphenyls, Total							
1						2982.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

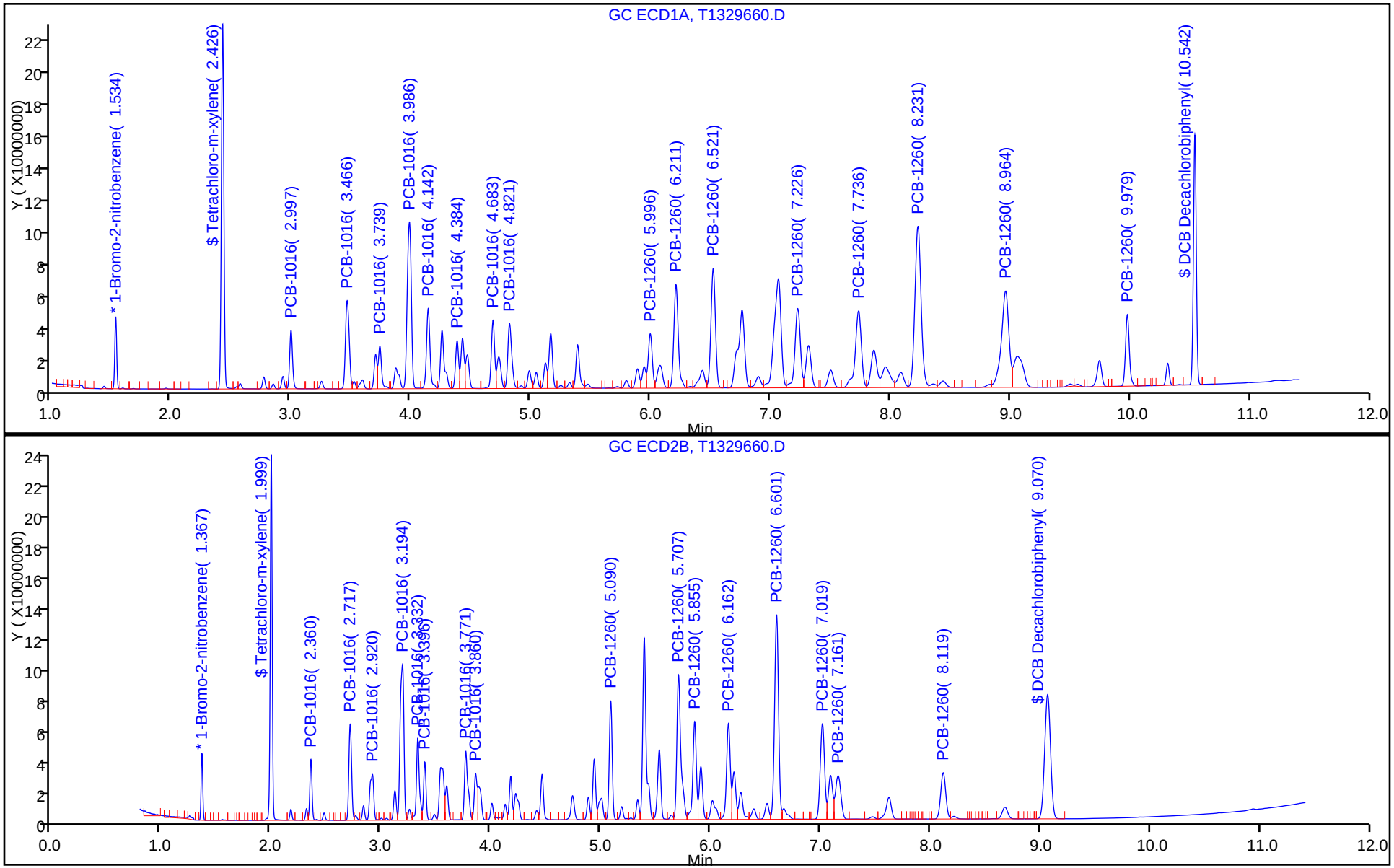
SG1660L4_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D

Injection Date:	17-Jun-2016 17:33:23	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#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Jun-2016 17:47:54 ALS Bottle#: 7 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:36

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	1.533	1.534	-0.001	48300680	20.0	20.0	
2	1.366	1.367	-0.001	45028249	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.426	2.426	0.000	426956448	200.0	200.6	
2	1.998	1.999	-0.001	398057397	200.0	196.9	M
						RPD = 1.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	94368056	2500.0	2376.6	
1	3.466	3.465	0.001	188148070	2500.0	2408.5	
1	3.738	3.738	0.000	80291841	2500.0	2360.5	M
1	3.986	3.985	0.001	386108517	2500.0	2422.2	M
1	4.141	4.142	-0.001	160901993	2500.0	2394.3	M
1	4.383	4.384	-0.001	84995899	2500.0	2460.2	M
1	4.682	4.684	-0.002	128519270	2500.0	2395.4	M
1	4.821	4.822	-0.001	146139896	2500.0	2463.1	M
		Average of Peak Amounts =				2410.1	
2	2.359	2.360	-0.001	86409581	2500.0	2312.9	M
2	2.717	2.718	-0.001	171845426	2500.0	2354.8	M
2	2.920	2.921	-0.001	116753415	2500.0	2396.5	M
2	3.194	3.194	0.000	387264464	2500.0	2388.3	M
2	3.332	3.333	-0.001	160787056	2500.0	2400.6	M
2	3.396	3.397	-0.001	96036359	2500.0	2321.6	M
2	3.770	3.770	0.000	158885557	2500.0	2340.2	M
2	3.859	3.860	-0.001	91159231	2500.0	2406.0	M
		Average of Peak Amounts =				2365.1	
						RPD = 1.88	
8 PCB-1260							M
1	5.996	5.996	0.000	125996858	2500.0	2466.9	M
1	6.211	6.211	0.000	260766285	2500.0	2427.6	M
1	6.521	6.521	0.000	302059609	2500.0	2406.2	M
1	7.226	7.228	-0.002	244502543	2500.0	2422.1	M
1	7.735	7.735	0.000	268936894	2500.0	2416.2	M
1	8.229	8.230	-0.001	566902787	2500.0	2425.6	M
1	8.961	8.960	0.001	426186386	2500.0	2435.2	
1	9.978	9.979	-0.001	157407607	2500.0	2430.8	
		Average of Peak Amounts =				2428.8	
2	5.090	5.091	-0.001	227869318	2500.0	2332.2	
2	5.707	5.708	-0.001	394937801	2500.0	2340.0	
2	5.856	5.855	0.001	231805091	2500.0	2252.8	
2	6.162	6.162	0.000	240471545	2500.0	2301.7	
2	6.600	6.600	0.000	547674887	2500.0	2364.7	
2	7.018	7.019	-0.001	279865744	2500.0	2347.5	
2	7.160	7.160	0.000	158480502	2500.0	2331.9	
2	8.118	8.119	-0.001	159946733	2500.0	2391.1	
		Average of Peak Amounts =				2332.7	
						RPD = 4.04	
$ 11 DCB Decachlorobiphenyl							
1	10.541	10.542	-0.001	340655792	200.0	197.2	
2	9.069	9.070	-0.001	406125262	200.0	187.4	
						RPD = 5.09	
S 12 Polychlorinated biphenyls, Total							
1						4838.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

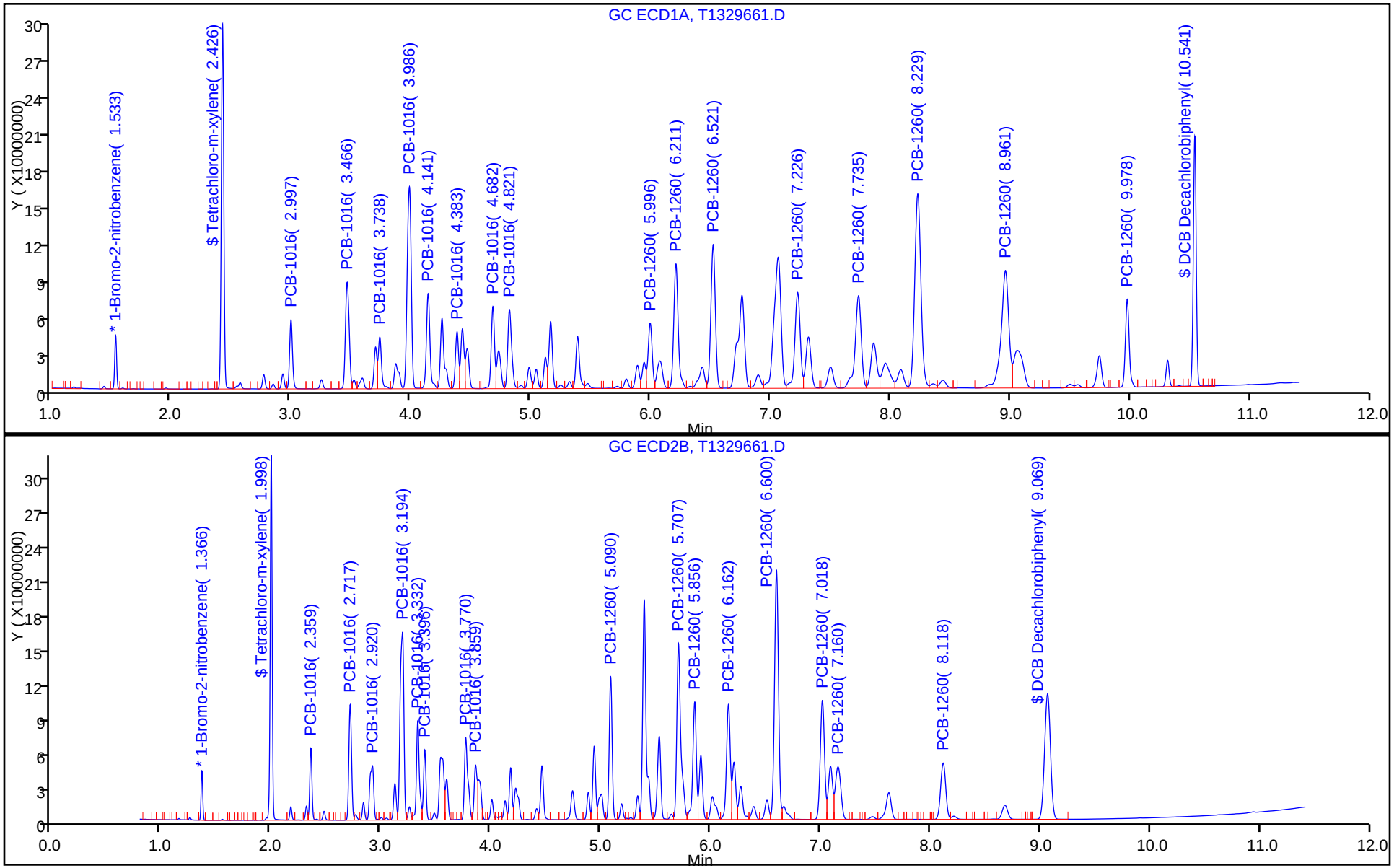
SG1660L5_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:28 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D

Injection Date:	17-Jun-2016 17:47:54	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.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	0.0065					Ave		0.0065						20.0			0.9900
PCB-1221 Peak 2	0.0094					Ave		0.0094						20.0			0.9900
PCB-1221 Peak 3	0.0061					Ave		0.0061						20.0			0.9900
PCB-1221 Peak 4	0.0226					Ave		0.0226						20.0			0.9900
PCB-1221 Peak 5	0.0032					Ave		0.0032						20.0			0.9900
PCB-1221 Peak 6	0.0046					Ave		0.0046						20.0			0.9900
PCB-1221 Peak 7	0.0023					Ave		0.0023						20.0			0.9900
PCB-1221 Peak 8	0.0013					Ave		0.0013						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	15836393					1000				
PCB-1221 Peak 2	BNB	Ave	23088253					1000				
PCB-1221 Peak 3	BNB	Ave	14916343					1000				
PCB-1221 Peak 4	BNB	Ave	55421553					1000				
PCB-1221 Peak 5	BNB	Ave	7771076					1000				
PCB-1221 Peak 6	BNB	Ave	11261788					1000				
PCB-1221 Peak 7	BNB	Ave	5587738					1000				
PCB-1221 Peak 8	BNB	Ave	3128515					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:16:53 ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:41 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:55:54

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	1.534	1.534	0.000	49057396	20.0	20.0	
2	1.367	1.367	0.000	43079790	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							
1	1.953	1.953	0.000	15836393	1000.0	1000.0	a
1	2.769	2.769	0.000	23088253	1000.0	1000.0	a
1	2.930	2.930	0.000	14916343	1000.0	1000.0	a
1	2.997	2.997	0.000	55421553	1000.0	1000.0	a
1	3.524	3.524	0.000	7771076	1000.0	1000.0	a
1	3.986	3.986	0.000	11261788	1000.0	1000.0	a
1	4.144	4.144	0.000	5587738	1000.0	1000.0	a
1	4.257	4.257	0.000	3128515	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	1.553	1.553	0.000	14025971	1000.0	1000.0	a
2	2.177	2.177	0.000	19947928	1000.0	1000.0	a
2	2.320	2.320	0.000	12488585	1000.0	1000.0	a
2	2.360	2.360	0.000	50139134	1000.0	1000.0	a
2	2.719	2.719	0.000	5025406	1000.0	1000.0	a
2	2.840	2.840	0.000	6991129	1000.0	1000.0	a
2	3.195	3.195	0.000	9438007	1000.0	1000.0	a
2	3.333	3.333	0.000	4289330	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

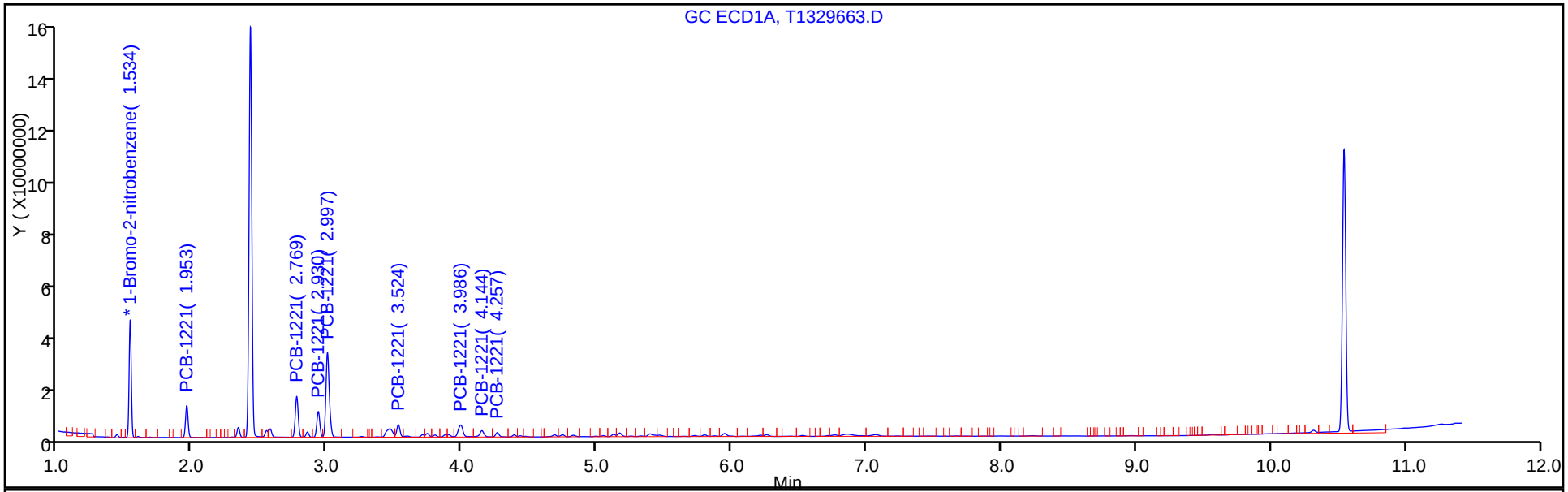
SG1221L3_00025	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

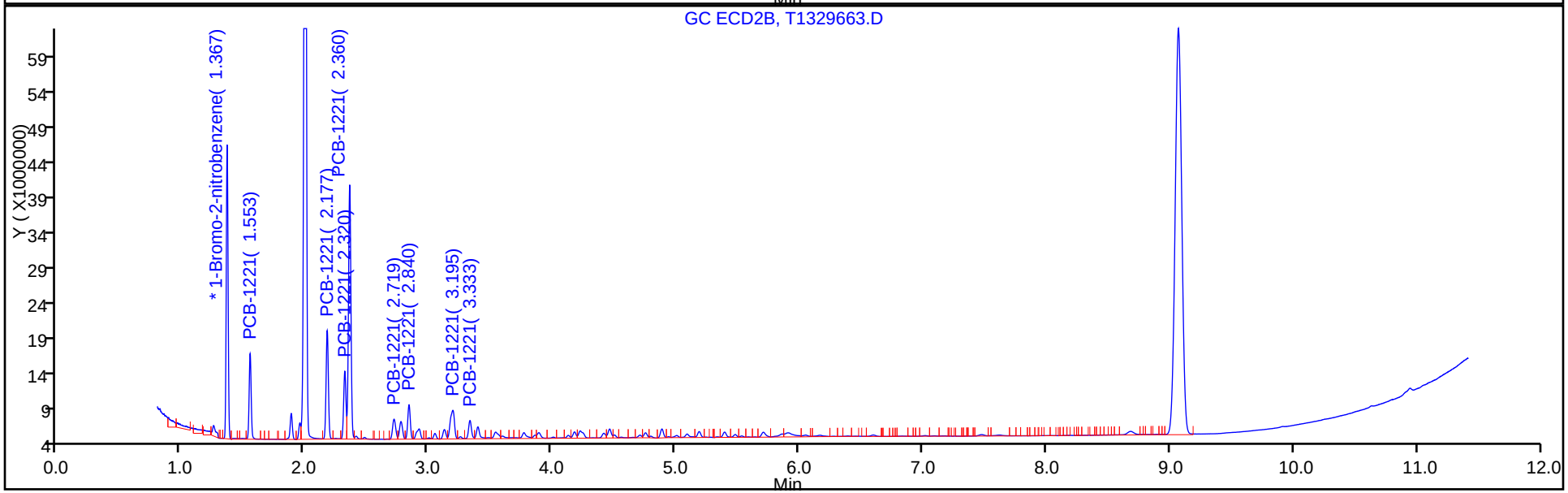
Report Date: 19-Jun-2016 09:11:44 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D

Injection Date:	17-Jun-2016 18:16:53	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.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	0.0065					Ave		0.0065						20.0			0.9900
PCB-1221 Peak 2	0.0093					Ave		0.0093						20.0			0.9900
PCB-1221 Peak 3	0.0058					Ave		0.0058						20.0			0.9900
PCB-1221 Peak 4	0.0233					Ave		0.0233						20.0			0.9900
PCB-1221 Peak 5	0.0023					Ave		0.0023						20.0			0.9900
PCB-1221 Peak 6	0.0032					Ave		0.0032						20.0			0.9900
PCB-1221 Peak 7	0.0044					Ave		0.0044						20.0			0.9900
PCB-1221 Peak 8	0.0020					Ave		0.0020						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	14025971					1000				
PCB-1221 Peak 2	BNB	Ave	19947928					1000				
PCB-1221 Peak 3	BNB	Ave	12488585					1000				
PCB-1221 Peak 4	BNB	Ave	50139134					1000				
PCB-1221 Peak 5	BNB	Ave	5025406					1000				
PCB-1221 Peak 6	BNB	Ave	6991129					1000				
PCB-1221 Peak 7	BNB	Ave	9438007					1000				
PCB-1221 Peak 8	BNB	Ave	4289330					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:16:53 ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:41 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:55:54

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	1.534	1.534	0.000	49057396	20.0	20.0	
2	1.367	1.367	0.000	43079790	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							
1	1.953	1.953	0.000	15836393	1000.0	1000.0	a
1	2.769	2.769	0.000	23088253	1000.0	1000.0	a
1	2.930	2.930	0.000	14916343	1000.0	1000.0	a
1	2.997	2.997	0.000	55421553	1000.0	1000.0	a
1	3.524	3.524	0.000	7771076	1000.0	1000.0	a
1	3.986	3.986	0.000	11261788	1000.0	1000.0	a
1	4.144	4.144	0.000	5587738	1000.0	1000.0	a
1	4.257	4.257	0.000	3128515	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	1.553	1.553	0.000	14025971	1000.0	1000.0	a
2	2.177	2.177	0.000	19947928	1000.0	1000.0	a
2	2.320	2.320	0.000	12488585	1000.0	1000.0	a
2	2.360	2.360	0.000	50139134	1000.0	1000.0	a
2	2.719	2.719	0.000	5025406	1000.0	1000.0	a
2	2.840	2.840	0.000	6991129	1000.0	1000.0	a
2	3.195	3.195	0.000	9438007	1000.0	1000.0	a
2	3.333	3.333	0.000	4289330	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

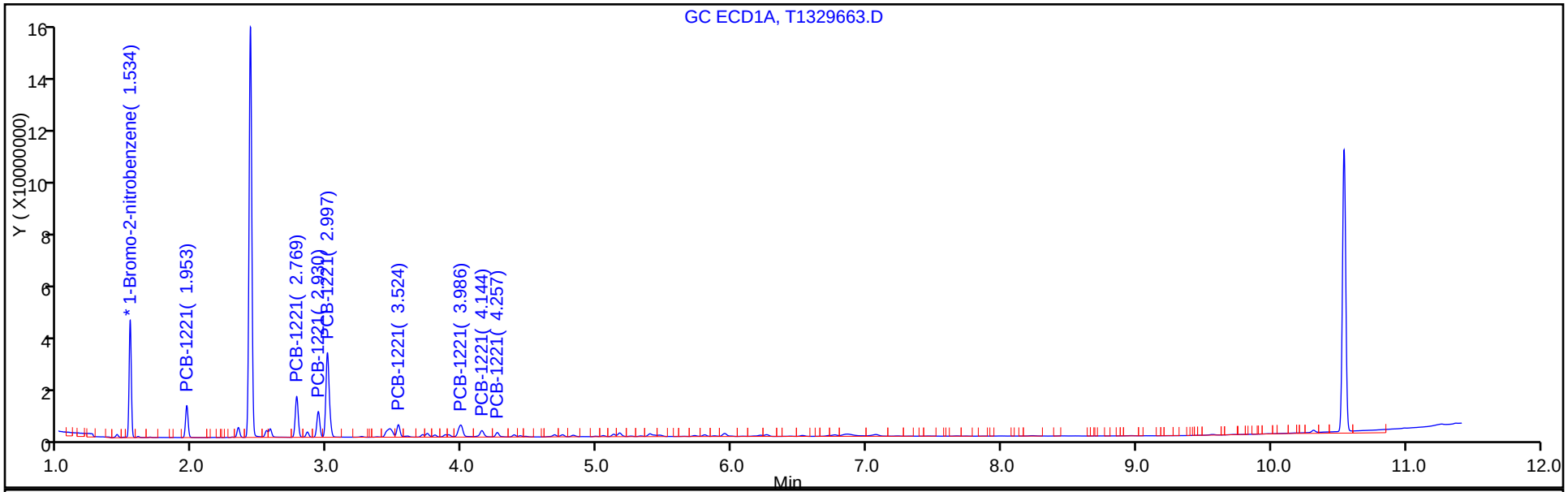
SG1221L3_00025	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

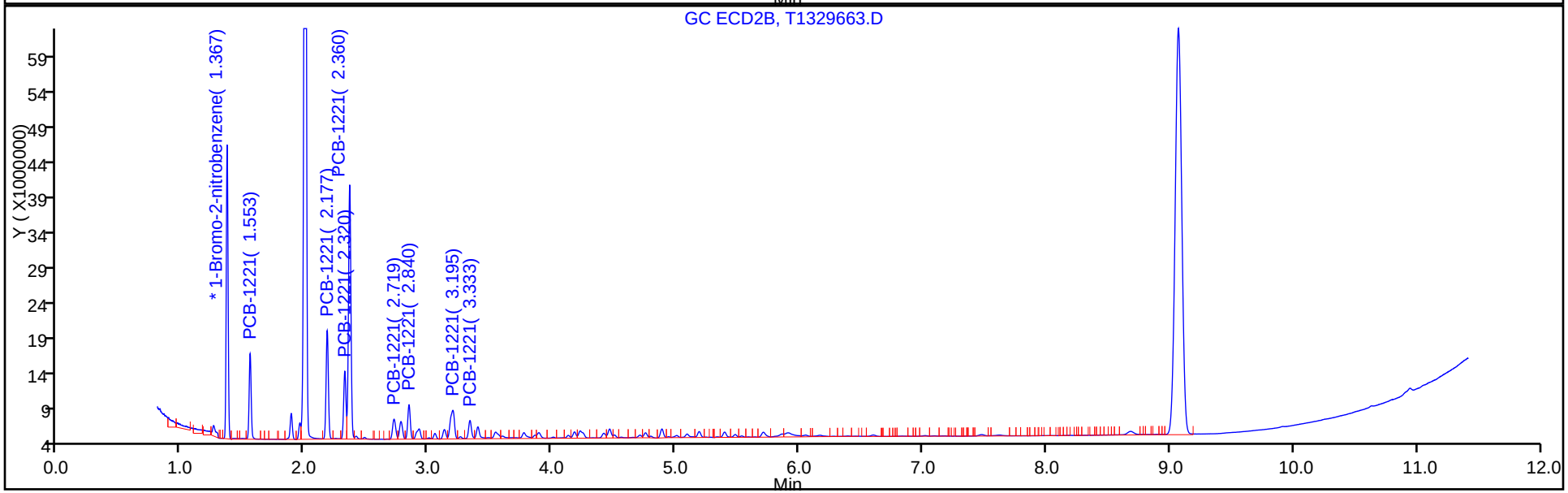
Report Date: 19-Jun-2016 09:11:44 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D

Injection Date:	17-Jun-2016 18:16:53	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.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	0.0210					Ave		0.0210						20.0			0.9900
PCB-1232 Peak 2	0.0169					Ave		0.0169						20.0			0.9900
PCB-1232 Peak 3	0.0064					Ave		0.0064						20.0			0.9900
PCB-1232 Peak 4	0.0323					Ave		0.0323						20.0			0.9900
PCB-1232 Peak 5	0.0136					Ave		0.0136						20.0			0.9900
PCB-1232 Peak 6	0.0102					Ave		0.0102						20.0			0.9900
PCB-1232 Peak 7	0.0100					Ave		0.0100						20.0			0.9900
PCB-1232 Peak 8	0.0113					Ave		0.0113						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	48899297					1000				
PCB-1232 Peak 2	BNB	Ave	39454974					1000				
PCB-1232 Peak 3	BNB	Ave	14992024					1000				
PCB-1232 Peak 4	BNB	Ave	75406138					1000				
PCB-1232 Peak 5	BNB	Ave	31631999					1000				
PCB-1232 Peak 6	BNB	Ave	23802440					1000				
PCB-1232 Peak 7	BNB	Ave	23259576					1000				
PCB-1232 Peak 8	BNB	Ave	26463577					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:31:23 ALS Bottle#: 10 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:47 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:59:31

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	1.534	1.534	0.000	46662355	20.0	20.0	
2	1.368	1.368	0.000	41416689	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	2.998	2.998	0.000	48899297	1000.0	1000.0	a
1	3.465	3.465	0.000	39454974	1000.0	1000.0	a
1	3.739	3.739	0.000	14992024	1000.0	1000.0	a
1	3.986	3.986	0.000	75406138	1000.0	1000.0	a
1	4.142	4.142	0.000	31631999	1000.0	1000.0	a
1	4.683	4.683	0.000	23802440	1000.0	1000.0	a
1	5.121	5.121	0.000	23259576	1000.0	1000.0	a
1	5.169	5.169	0.000	26463577	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	45103474	1000.0	1000.0	a
2	2.718	2.718	0.000	34140860	1000.0	1000.0	M
2	2.921	2.921	0.000	22896111	1000.0	1000.0	M
2	3.194	3.194	0.000	74849966	1000.0	1000.0	M
2	3.334	3.334	0.000	30842670	1000.0	1000.0	M
2	3.771	3.771	0.000	28528908	1000.0	1000.0	M
2	4.226	4.226	0.000	44087632	1000.0	1000.0	M
2	4.459	4.459	0.000	16628368	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

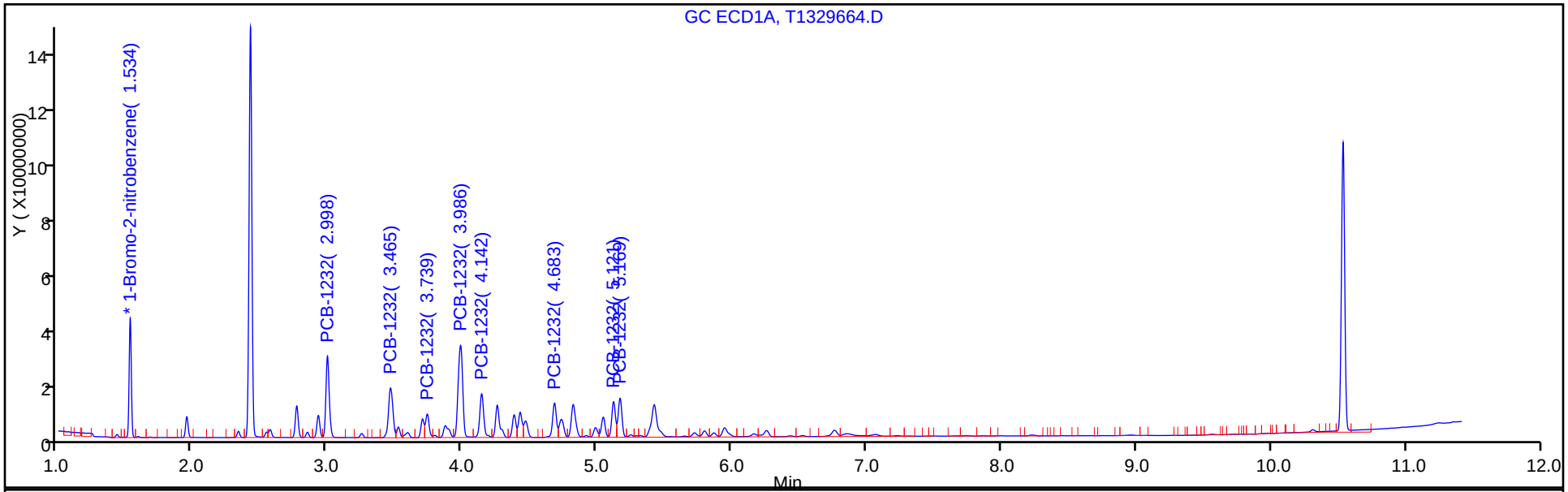
SG1232L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

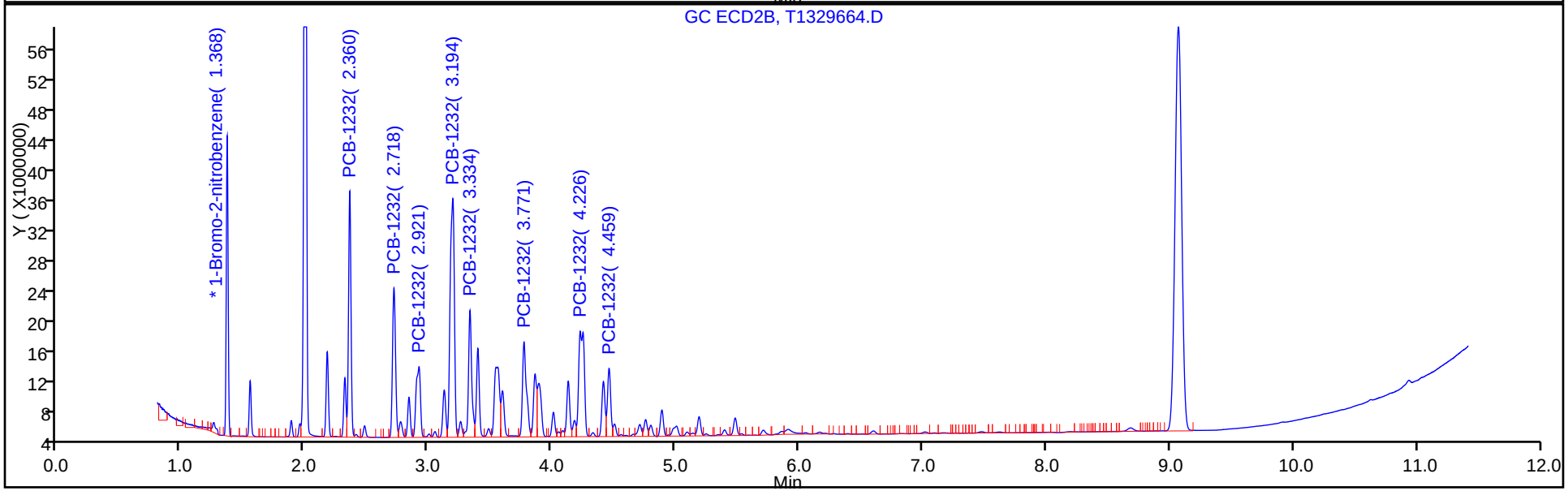
Report Date: 19-Jun-2016 09:11:50 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D

Injection Date:	17-Jun-2016 18:31:23	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.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	0.0218					Ave		0.0218						20.0			0.9900
PCB-1232 Peak 2	0.0165					Ave		0.0165						20.0			0.9900
PCB-1232 Peak 3	0.0111					Ave		0.0111						20.0			0.9900
PCB-1232 Peak 4	0.0361					Ave		0.0361						20.0			0.9900
PCB-1232 Peak 5	0.0149					Ave		0.0149						20.0			0.9900
PCB-1232 Peak 6	0.0138					Ave		0.0138						20.0			0.9900
PCB-1232 Peak 7	0.0213					Ave		0.0213						20.0			0.9900
PCB-1232 Peak 8	0.0080					Ave		0.0080						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	45103474					1000				
PCB-1232 Peak 2	BNB	Ave	34140860					1000				
PCB-1232 Peak 3	BNB	Ave	22896111					1000				
PCB-1232 Peak 4	BNB	Ave	74849966					1000				
PCB-1232 Peak 5	BNB	Ave	30842670					1000				
PCB-1232 Peak 6	BNB	Ave	28528908					1000				
PCB-1232 Peak 7	BNB	Ave	44087632					1000				
PCB-1232 Peak 8	BNB	Ave	16628368					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:31:23 ALS Bottle#: 10 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:47 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:59:31

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	1.534	1.534	0.000	46662355	20.0	20.0	
2	1.368	1.368	0.000	41416689	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	2.998	2.998	0.000	48899297	1000.0	1000.0	a
1	3.465	3.465	0.000	39454974	1000.0	1000.0	a
1	3.739	3.739	0.000	14992024	1000.0	1000.0	a
1	3.986	3.986	0.000	75406138	1000.0	1000.0	a
1	4.142	4.142	0.000	31631999	1000.0	1000.0	a
1	4.683	4.683	0.000	23802440	1000.0	1000.0	a
1	5.121	5.121	0.000	23259576	1000.0	1000.0	a
1	5.169	5.169	0.000	26463577	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	45103474	1000.0	1000.0	a
2	2.718	2.718	0.000	34140860	1000.0	1000.0	M
2	2.921	2.921	0.000	22896111	1000.0	1000.0	M
2	3.194	3.194	0.000	74849966	1000.0	1000.0	M
2	3.334	3.334	0.000	30842670	1000.0	1000.0	M
2	3.771	3.771	0.000	28528908	1000.0	1000.0	M
2	4.226	4.226	0.000	44087632	1000.0	1000.0	M
2	4.459	4.459	0.000	16628368	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

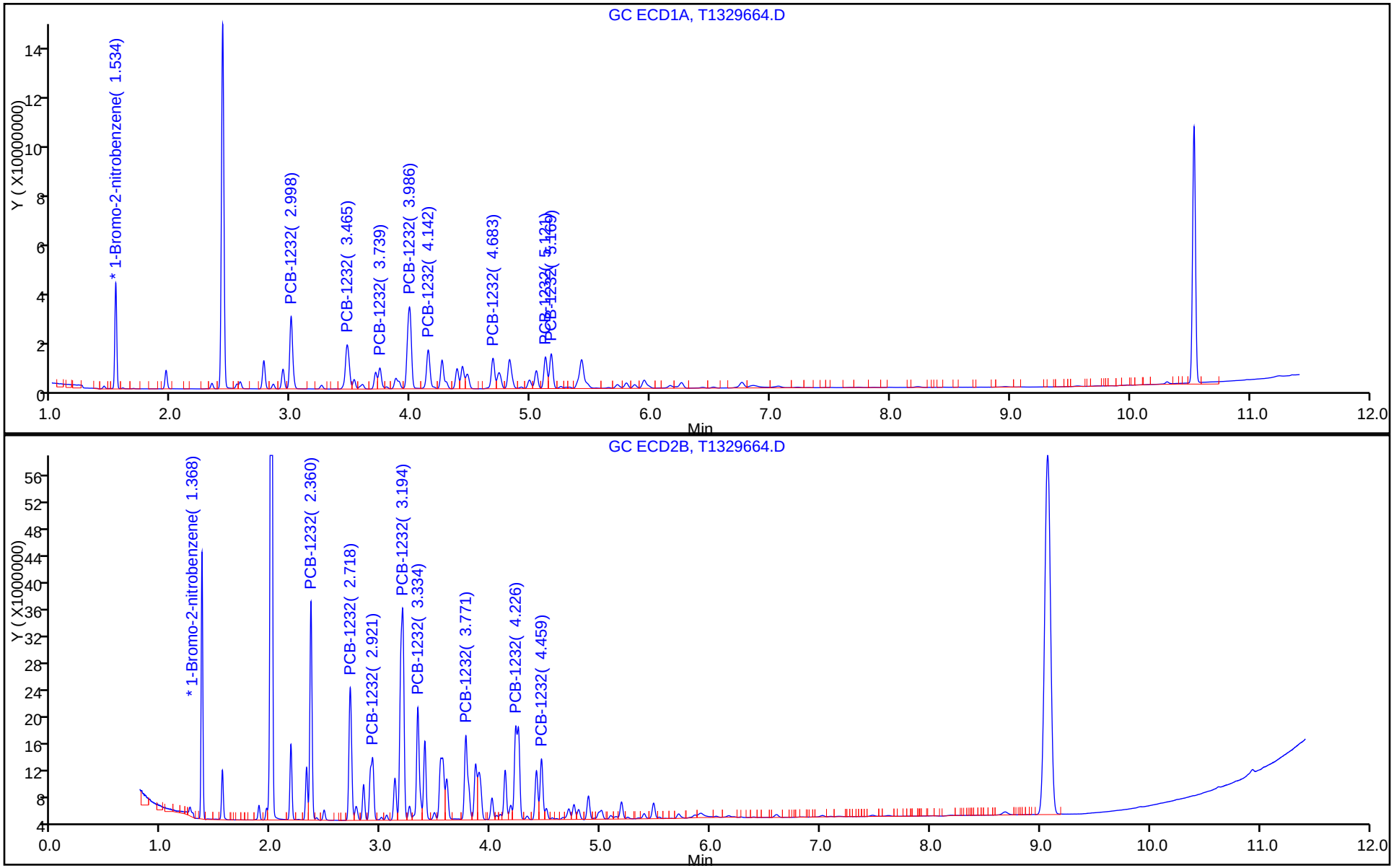
SG1232L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:50 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D

Injection Date:	17-Jun-2016 18:31:23	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.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	0.0144					Ave		0.0144						20.0			0.9900
PCB-1242 Peak 2	0.0283					Ave		0.0283						20.0			0.9900
PCB-1242 Peak 3	0.0113					Ave		0.0113						20.0			0.9900
PCB-1242 Peak 4	0.0574					Ave		0.0574						20.0			0.9900
PCB-1242 Peak 5	0.0241					Ave		0.0241						20.0			0.9900
PCB-1242 Peak 6	0.0223					Ave		0.0223						20.0			0.9900
PCB-1242 Peak 7	0.0200					Ave		0.0200						20.0			0.9900
PCB-1242 Peak 8	0.0224					Ave		0.0224						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	37524106					1000				
PCB-1242 Peak 2	BNB	Ave	73575017					1000				
PCB-1242 Peak 3	BNB	Ave	29503886					1000				
PCB-1242 Peak 4	BNB	Ave	149210359					1000				
PCB-1242 Peak 5	BNB	Ave	62602682					1000				
PCB-1242 Peak 6	BNB	Ave	57937524					1000				
PCB-1242 Peak 7	BNB	Ave	52106940					1000				
PCB-1242 Peak 8	BNB	Ave	58111849					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:45:54 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:53 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:01:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	51996898	20.0	20.0	
2	1.367	1.367	0.000	47857031	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	2.997	2.997	0.000	37524106	1000.0	1000.0	a
1	3.466	3.466	0.000	73575017	1000.0	1000.0	a
1	3.738	3.738	0.000	29503886	1000.0	1000.0	M
1	3.986	3.986	0.000	149210359	1000.0	1000.0	M
1	4.141	4.141	0.000	62602682	1000.0	1000.0	M
1	4.822	4.822	0.000	57937524	1000.0	1000.0	M
1	5.121	5.121	0.000	52106940	1000.0	1000.0	M
1	5.170	5.170	0.000	58111849	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	34667503	1000.0	1000.0	a
2	2.717	2.717	0.000	67998895	1000.0	1000.0	a
2	2.921	2.921	0.000	45393572	1000.0	1000.0	M
2	3.194	3.194	0.000	149614498	1000.0	1000.0	M
2	3.333	3.333	0.000	62126228	1000.0	1000.0	M
2	3.771	3.771	0.000	62499833	1000.0	1000.0	M
2	4.226	4.226	0.000	98728952	1000.0	1000.0	M
2	4.460	4.460	0.000	38582618	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

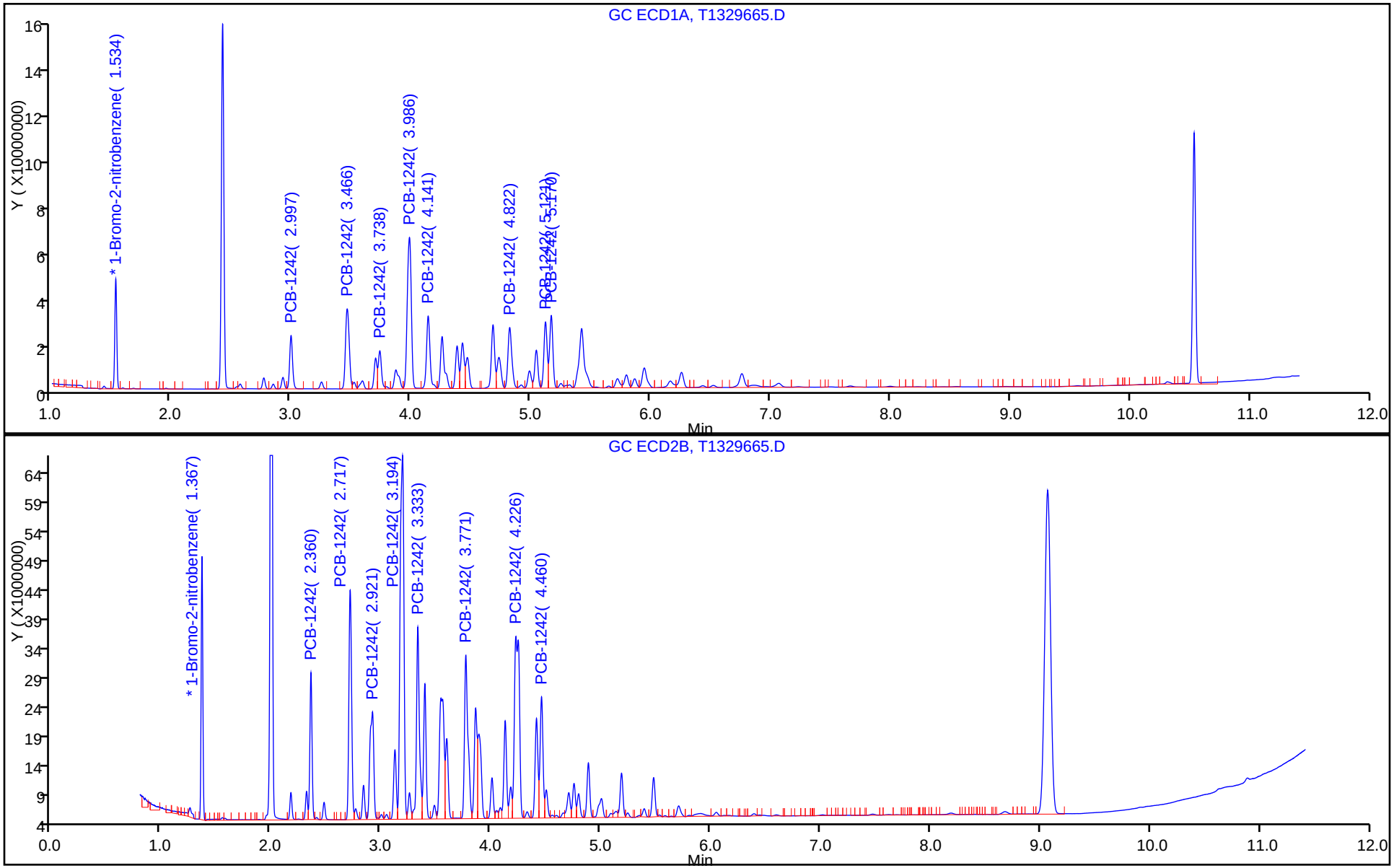
SG1242L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:55 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D

Injection Date:	17-Jun-2016 18:45:54	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56332

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.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	0.0145					Ave		0.0145						20.0			0.9900
PCB-1242 Peak 2	0.0284					Ave		0.0284						20.0			0.9900
PCB-1242 Peak 3	0.0190					Ave		0.0190						20.0			0.9900
PCB-1242 Peak 4	0.0625					Ave		0.0625						20.0			0.9900
PCB-1242 Peak 5	0.0260					Ave		0.0260						20.0			0.9900
PCB-1242 Peak 6	0.0261					Ave		0.0261						20.0			0.9900
PCB-1242 Peak 7	0.0413					Ave		0.0413						20.0			0.9900
PCB-1242 Peak 8	0.0161					Ave		0.0161						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56332

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	34667503					1000				
PCB-1242 Peak 2	BNB	Ave	67998895					1000				
PCB-1242 Peak 3	BNB	Ave	45393572					1000				
PCB-1242 Peak 4	BNB	Ave	149614498					1000				
PCB-1242 Peak 5	BNB	Ave	62126228					1000				
PCB-1242 Peak 6	BNB	Ave	62499833					1000				
PCB-1242 Peak 7	BNB	Ave	98728952					1000				
PCB-1242 Peak 8	BNB	Ave	38582618					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:45:54 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:53 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:01:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	51996898	20.0	20.0	
2	1.367	1.367	0.000	47857031	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	2.997	2.997	0.000	37524106	1000.0	1000.0	a
1	3.466	3.466	0.000	73575017	1000.0	1000.0	a
1	3.738	3.738	0.000	29503886	1000.0	1000.0	M
1	3.986	3.986	0.000	149210359	1000.0	1000.0	M
1	4.141	4.141	0.000	62602682	1000.0	1000.0	M
1	4.822	4.822	0.000	57937524	1000.0	1000.0	M
1	5.121	5.121	0.000	52106940	1000.0	1000.0	M
1	5.170	5.170	0.000	58111849	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	34667503	1000.0	1000.0	a
2	2.717	2.717	0.000	67998895	1000.0	1000.0	a
2	2.921	2.921	0.000	45393572	1000.0	1000.0	M
2	3.194	3.194	0.000	149614498	1000.0	1000.0	M
2	3.333	3.333	0.000	62126228	1000.0	1000.0	M
2	3.771	3.771	0.000	62499833	1000.0	1000.0	M
2	4.226	4.226	0.000	98728952	1000.0	1000.0	M
2	4.460	4.460	0.000	38582618	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

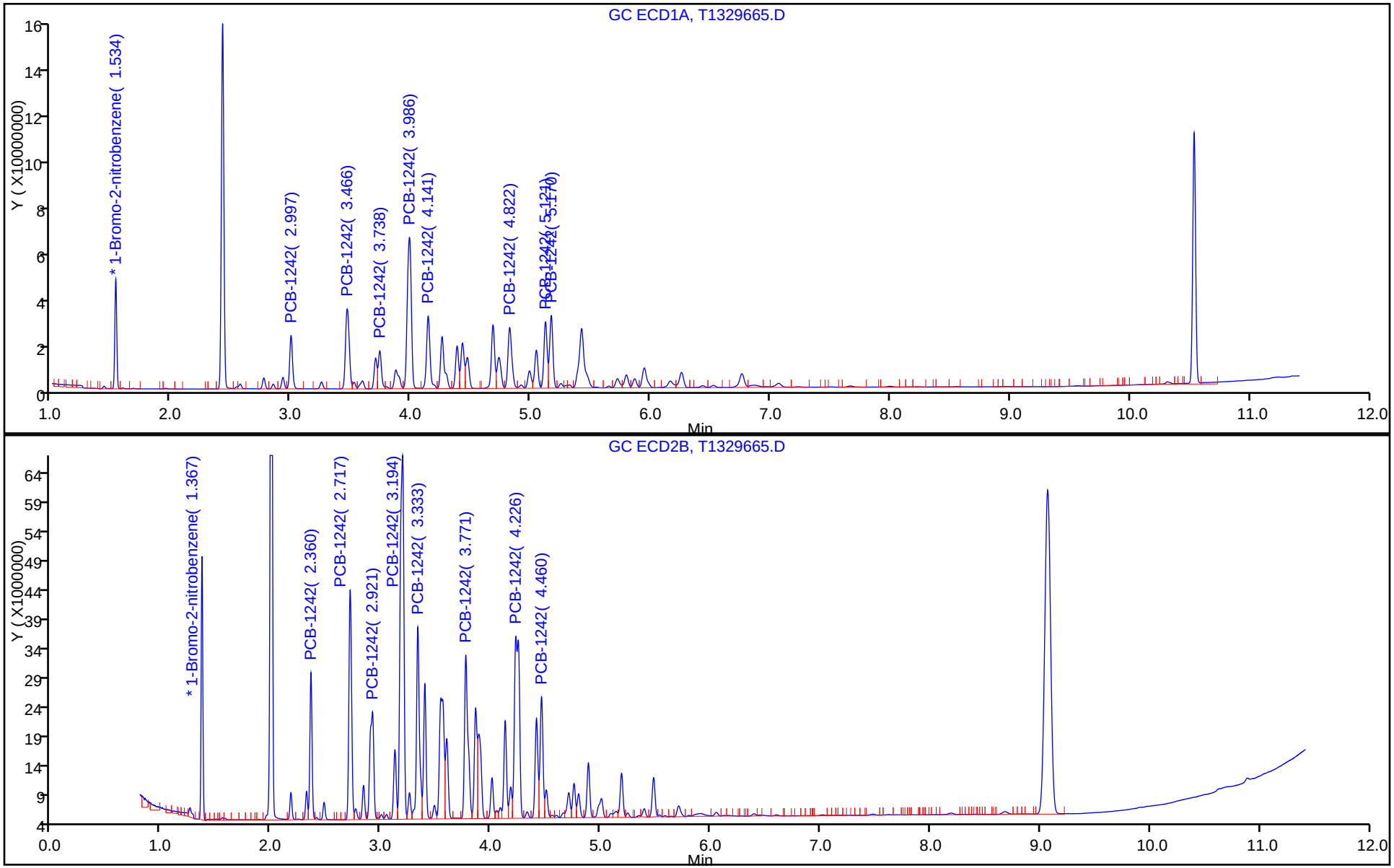
SG1242L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:56 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D

Injection Date:	17-Jun-2016 18:45:54	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56337

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.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	0.0138					Ave		0.0138						20.0			0.9900
PCB-1248 Peak 2	0.0344					Ave		0.0344						20.0			0.9900
PCB-1248 Peak 3	0.0205					Ave		0.0205						20.0			0.9900
PCB-1248 Peak 4	0.0187					Ave		0.0187						20.0			0.9900
PCB-1248 Peak 5	0.0295					Ave		0.0295						20.0			0.9900
PCB-1248 Peak 6	0.0315					Ave		0.0315						20.0			0.9900
PCB-1248 Peak 7	0.0343					Ave		0.0343						20.0			0.9900
PCB-1248 Peak 8	0.0133					Ave		0.0133						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56337

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	36401836					1000				
PCB-1248 Peak 2	BNB	Ave	90751385					1000				
PCB-1248 Peak 3	BNB	Ave	54069708					1000				
PCB-1248 Peak 4	BNB	Ave	49197995					1000				
PCB-1248 Peak 5	BNB	Ave	77739389					1000				
PCB-1248 Peak 6	BNB	Ave	83134147					1000				
PCB-1248 Peak 7	BNB	Ave	90374853					1000				
PCB-1248 Peak 8	BNB	Ave	35127736					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:00:24 ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:59 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:03:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	52727160	20.0	20.0	
2	1.367	1.367	0.000	47606303	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.464	3.464	0.000	36401836	1000.0	1000.0	M
1	3.982	3.982	0.000	90751385	1000.0	1000.0	M
1	4.383	4.383	0.000	54069708	1000.0	1000.0	M
1	4.428	4.428	0.000	49197995	1000.0	1000.0	M
1	4.821	4.821	0.000	77739389	1000.0	1000.0	M
1	5.121	5.121	0.000	83134147	1000.0	1000.0	M
1	5.168	5.168	0.000	90374853	1000.0	1000.0	M
1	6.257	6.257	0.000	35127736	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.716	2.716	0.000	32691681	1000.0	1000.0	M
2	3.186	3.186	0.000	89100591	1000.0	1000.0	M
2	3.542	3.542	0.000	92524692	1000.0	1000.0	M
2	3.859	3.859	0.000	54435580	1000.0	1000.0	M
2	4.226	4.226	0.000	151050511	1000.0	1000.0	M
2	4.460	4.460	0.000	66302401	1000.0	1000.0	M
2	4.886	4.886	0.000	41885424	1000.0	1000.0	M
2	5.481	5.481	0.000	28267581	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

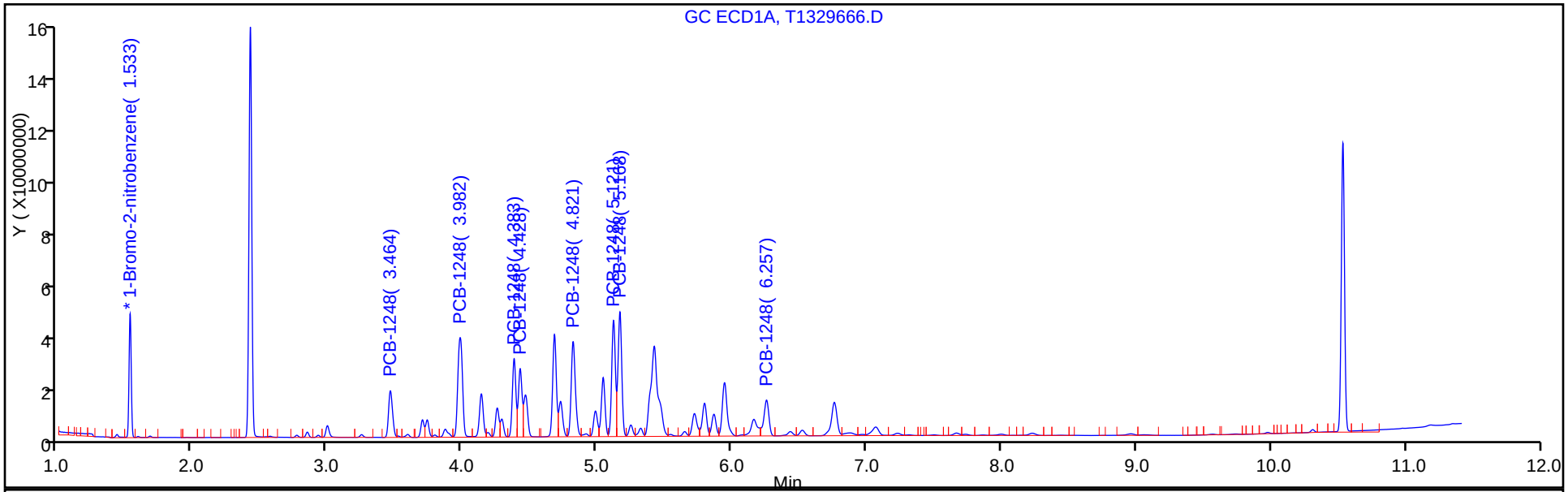
SG1248L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

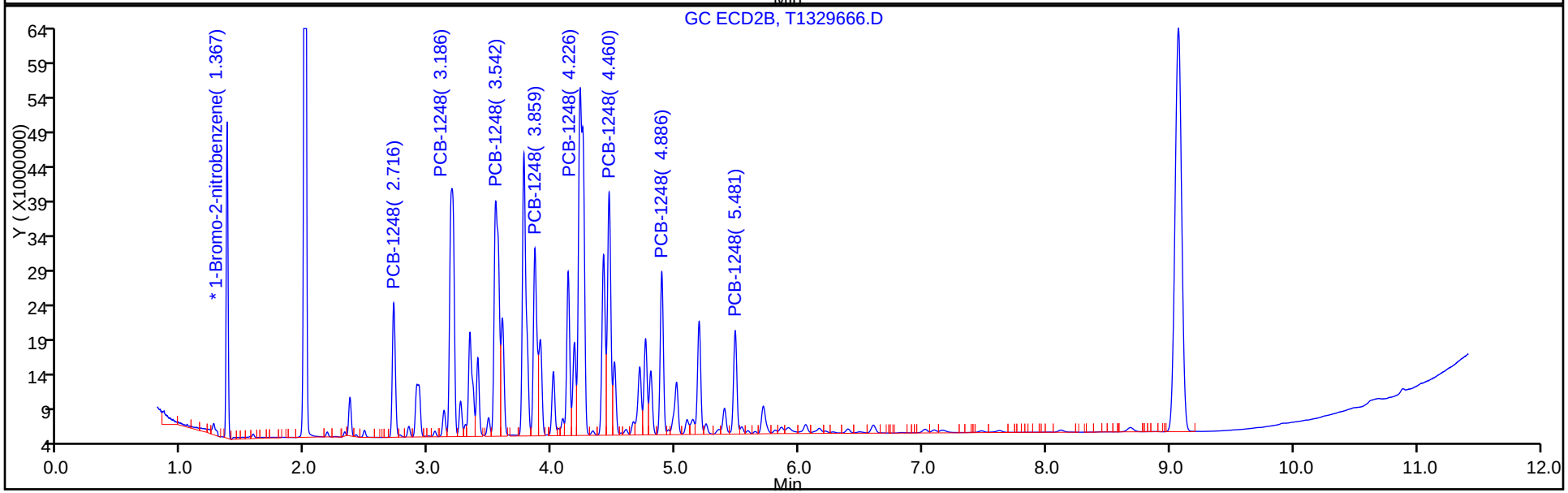
Report Date: 19-Jun-2016 09:12:02 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D

Injection Date:	17-Jun-2016 19:00:24	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56338

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.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	0.0137					Ave		0.0137						20.0			0.9900
PCB-1248 Peak 2	0.0374					Ave		0.0374						20.0			0.9900
PCB-1248 Peak 3	0.0389					Ave		0.0389						20.0			0.9900
PCB-1248 Peak 4	0.0229					Ave		0.0229						20.0			0.9900
PCB-1248 Peak 5	0.0635					Ave		0.0635						20.0			0.9900
PCB-1248 Peak 6	0.0279					Ave		0.0279						20.0			0.9900
PCB-1248 Peak 7	0.0176					Ave		0.0176						20.0			0.9900
PCB-1248 Peak 8	0.0119					Ave		0.0119						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56338

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	32691681					1000				
PCB-1248 Peak 2	BNB	Ave	89100591					1000				
PCB-1248 Peak 3	BNB	Ave	92524692					1000				
PCB-1248 Peak 4	BNB	Ave	54435580					1000				
PCB-1248 Peak 5	BNB	Ave	151050511					1000				
PCB-1248 Peak 6	BNB	Ave	66302401					1000				
PCB-1248 Peak 7	BNB	Ave	41885424					1000				
PCB-1248 Peak 8	BNB	Ave	28267581					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:00:24 ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:59 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:03:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	52727160	20.0	20.0	
2	1.367	1.367	0.000	47606303	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.464	3.464	0.000	36401836	1000.0	1000.0	M
1	3.982	3.982	0.000	90751385	1000.0	1000.0	M
1	4.383	4.383	0.000	54069708	1000.0	1000.0	M
1	4.428	4.428	0.000	49197995	1000.0	1000.0	M
1	4.821	4.821	0.000	77739389	1000.0	1000.0	M
1	5.121	5.121	0.000	83134147	1000.0	1000.0	M
1	5.168	5.168	0.000	90374853	1000.0	1000.0	M
1	6.257	6.257	0.000	35127736	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.716	2.716	0.000	32691681	1000.0	1000.0	M
2	3.186	3.186	0.000	89100591	1000.0	1000.0	M
2	3.542	3.542	0.000	92524692	1000.0	1000.0	M
2	3.859	3.859	0.000	54435580	1000.0	1000.0	M
2	4.226	4.226	0.000	151050511	1000.0	1000.0	M
2	4.460	4.460	0.000	66302401	1000.0	1000.0	M
2	4.886	4.886	0.000	41885424	1000.0	1000.0	M
2	5.481	5.481	0.000	28267581	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

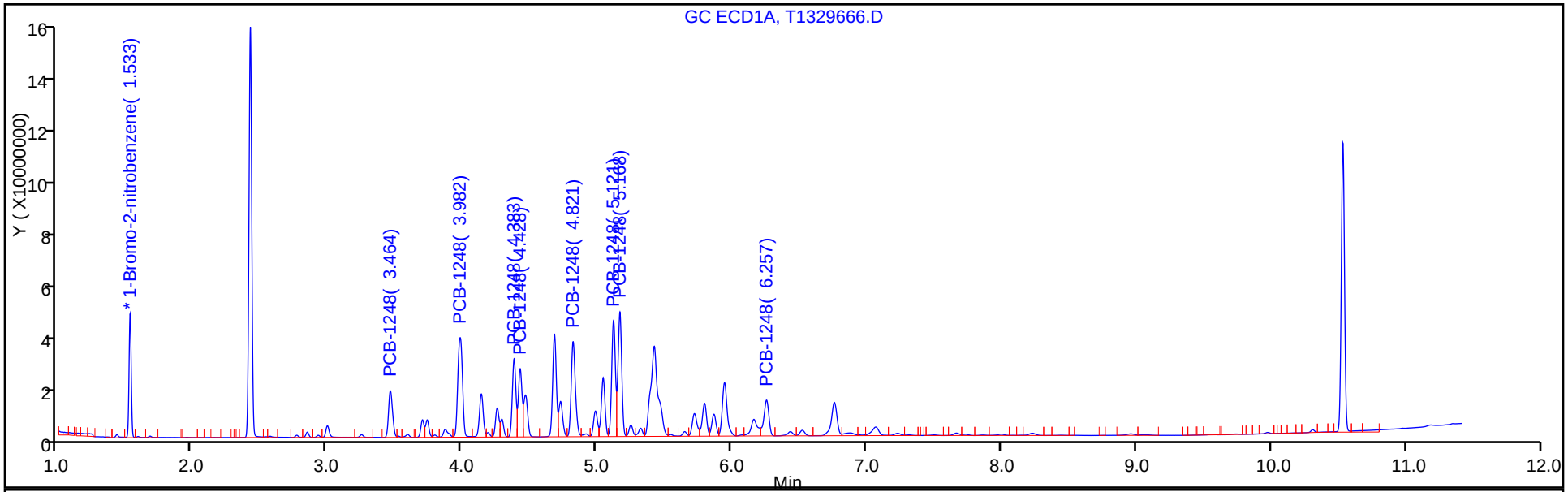
SG1248L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

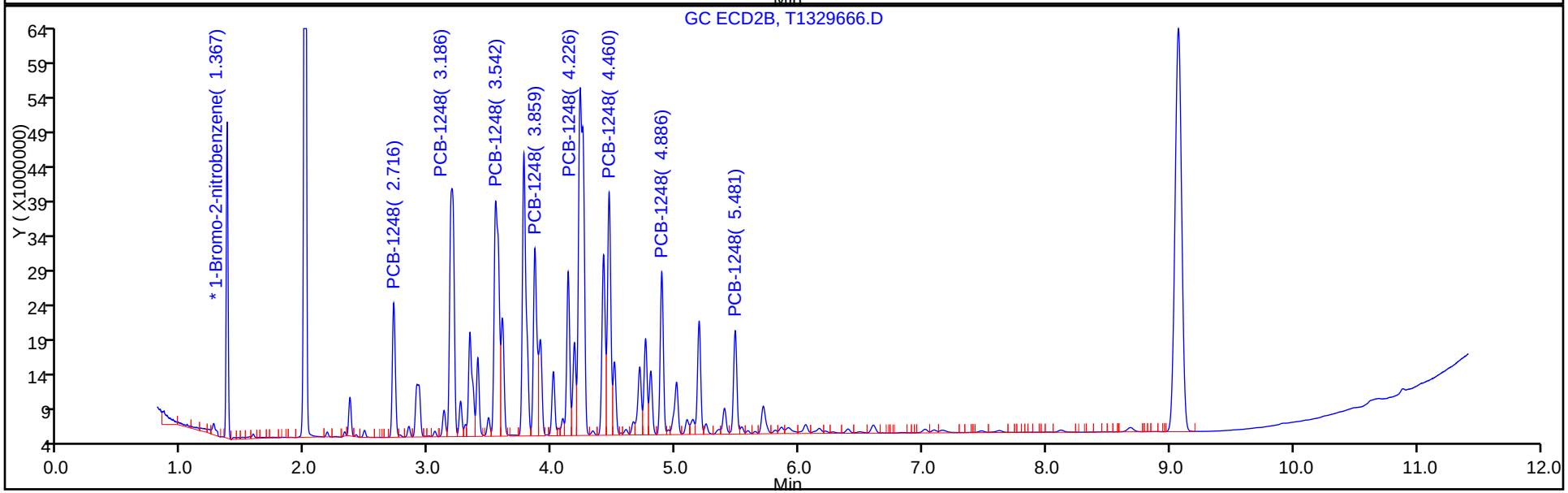
Report Date: 19-Jun-2016 09:12:02 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D

Injection Date:	17-Jun-2016 19:00:24	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56343

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.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	0.0117					Ave		0.0117						20.0			0.9900
PCB-1254 Peak 2	0.0330					Ave		0.0330						20.0			0.9900
PCB-1254 Peak 3	0.0386					Ave		0.0386						20.0			0.9900
PCB-1254 Peak 4	0.0300					Ave		0.0300						20.0			0.9900
PCB-1254 Peak 5	0.0609					Ave		0.0609						20.0			0.9900
PCB-1254 Peak 6	0.0434					Ave		0.0434						20.0			0.9900
PCB-1254 Peak 7	0.0382					Ave		0.0382						20.0			0.9900
PCB-1254 Peak 8	0.0585					Ave		0.0585						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56343

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	29133108					1000				
PCB-1254 Peak 2	BNB	Ave	81867095					1000				
PCB-1254 Peak 3	BNB	Ave	95877038					1000				
PCB-1254 Peak 4	BNB	Ave	74380731					1000				
PCB-1254 Peak 5	BNB	Ave	151049862					1000				
PCB-1254 Peak 6	BNB	Ave	107636280					1000				
PCB-1254 Peak 7	BNB	Ave	94722298					1000				
PCB-1254 Peak 8	BNB	Ave	145227823					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:14:55 ALS Bottle#: 13 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:05 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:05:54

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	1.533	1.533	0.000	49619620	20.0	20.0	
2	1.367	1.367	0.000	44775479	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	4.684	4.684	0.000	29133108	1000.0	1000.0	a
1	5.164	5.164	0.000	81867095	1000.0	1000.0	a
1	5.391	5.391	0.000	95877038	1000.0	1000.0	a
1	5.797	5.797	0.000	74380731	1000.0	1000.0	a
1	5.946	5.946	0.000	151049862	1000.0	1000.0	a
1	6.257	6.257	0.000	107636280	1000.0	1000.0	a
1	6.761	6.761	0.000	94722298	1000.0	1000.0	M
1	7.068	7.068	0.000	145227823	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	3.769	3.769	0.000	26458336	1000.0	1000.0	M
2	4.180	4.180	0.000	70491895	1000.0	1000.0	M
2	4.465	4.465	0.000	98568806	1000.0	1000.0	M
2	4.755	4.755	0.000	76333301	1000.0	1000.0	M
2	4.887	4.887	0.000	131779144	1000.0	1000.0	M
2	5.189	5.189	0.000	103083589	1000.0	1000.0	M
2	5.395	5.395	0.000	91735193	1000.0	1000.0	M
2	5.709	5.709	0.000	138261384	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

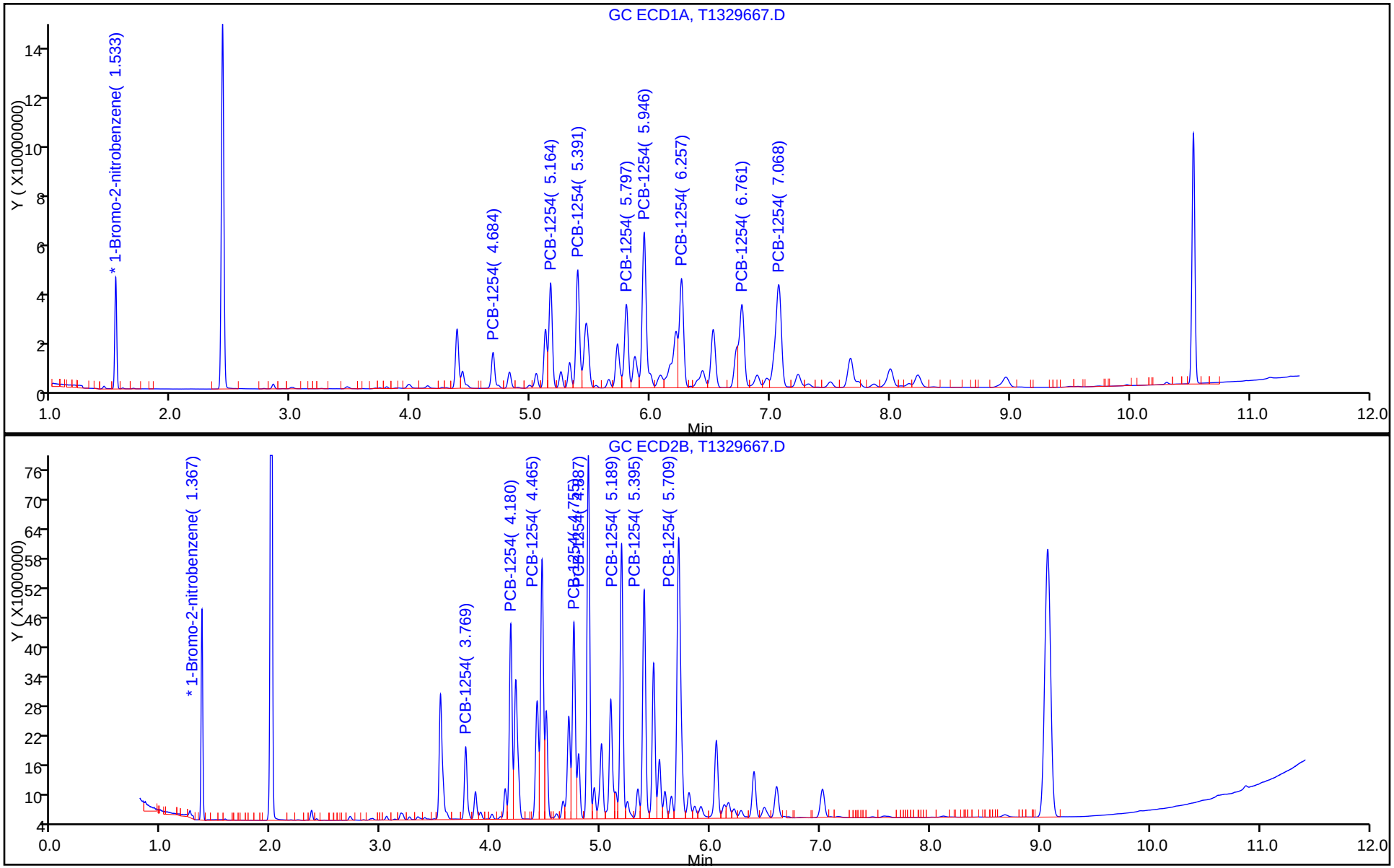
SG1254L3_00027	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:10 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D

Injection Date:	17-Jun-2016 19:14:55	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56344

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.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	0.0118					Ave		0.0118						20.0			0.9900
PCB-1254 Peak 2	0.0315					Ave		0.0315						20.0			0.9900
PCB-1254 Peak 3	0.0440					Ave		0.0440						20.0			0.9900
PCB-1254 Peak 4	0.0341					Ave		0.0341						20.0			0.9900
PCB-1254 Peak 5	0.0589					Ave		0.0589						20.0			0.9900
PCB-1254 Peak 6	0.0460					Ave		0.0460						20.0			0.9900
PCB-1254 Peak 7	0.0410					Ave		0.0410						20.0			0.9900
PCB-1254 Peak 8	0.0618					Ave		0.0618						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56344

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	26458336					1000				
PCB-1254 Peak 2	BNB	Ave	70491895					1000				
PCB-1254 Peak 3	BNB	Ave	98568806					1000				
PCB-1254 Peak 4	BNB	Ave	76333301					1000				
PCB-1254 Peak 5	BNB	Ave	131779144					1000				
PCB-1254 Peak 6	BNB	Ave	103083589					1000				
PCB-1254 Peak 7	BNB	Ave	91735193					1000				
PCB-1254 Peak 8	BNB	Ave	138261384					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:14:55 ALS Bottle#: 13 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:05 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:05:54

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	1.533	1.533	0.000	49619620	20.0	20.0	
2	1.367	1.367	0.000	44775479	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	4.684	4.684	0.000	29133108	1000.0	1000.0	a
1	5.164	5.164	0.000	81867095	1000.0	1000.0	a
1	5.391	5.391	0.000	95877038	1000.0	1000.0	a
1	5.797	5.797	0.000	74380731	1000.0	1000.0	a
1	5.946	5.946	0.000	151049862	1000.0	1000.0	a
1	6.257	6.257	0.000	107636280	1000.0	1000.0	a
1	6.761	6.761	0.000	94722298	1000.0	1000.0	M
1	7.068	7.068	0.000	145227823	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	3.769	3.769	0.000	26458336	1000.0	1000.0	M
2	4.180	4.180	0.000	70491895	1000.0	1000.0	M
2	4.465	4.465	0.000	98568806	1000.0	1000.0	M
2	4.755	4.755	0.000	76333301	1000.0	1000.0	M
2	4.887	4.887	0.000	131779144	1000.0	1000.0	M
2	5.189	5.189	0.000	103083589	1000.0	1000.0	M
2	5.395	5.395	0.000	91735193	1000.0	1000.0	M
2	5.709	5.709	0.000	138261384	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

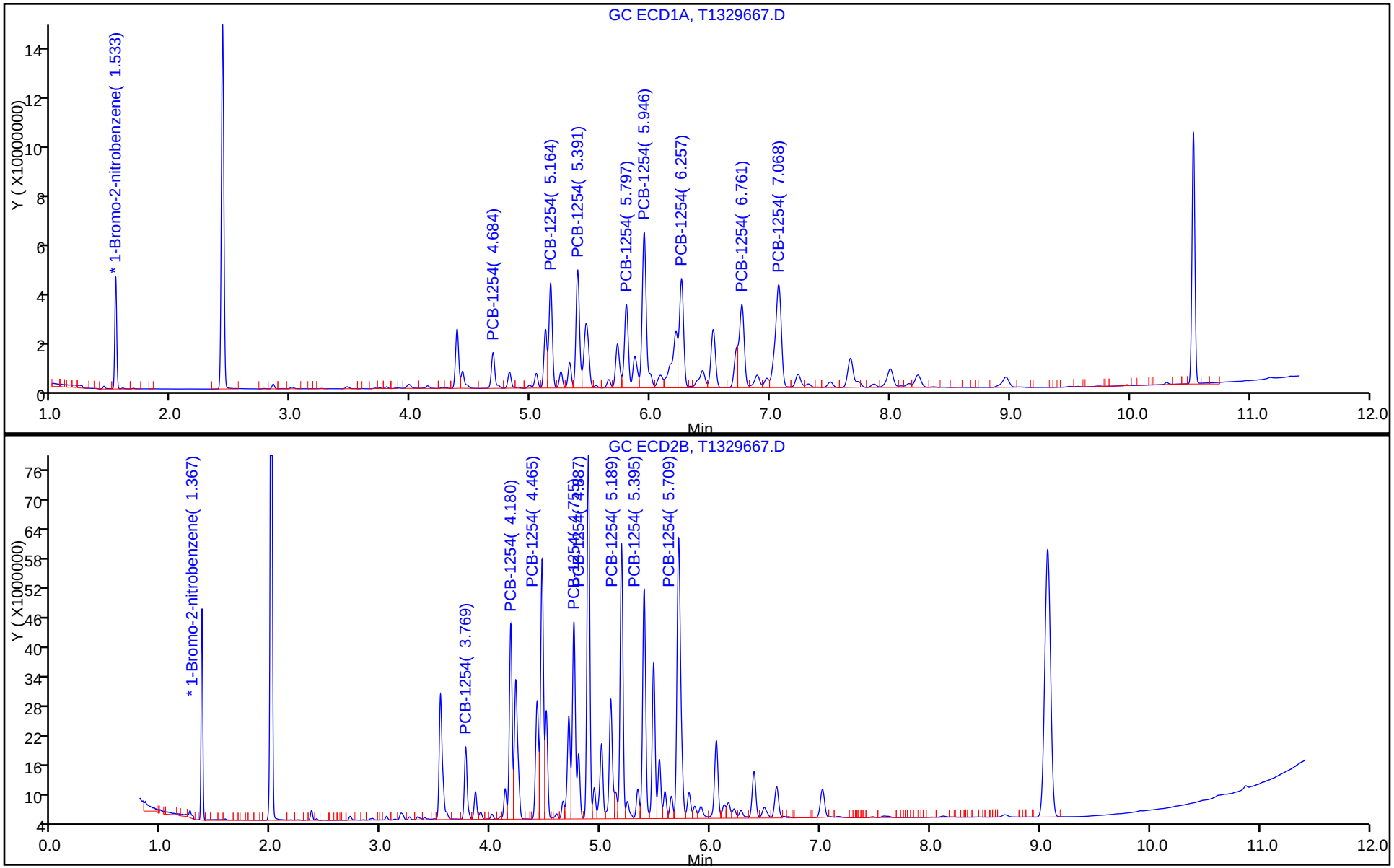
SG1254L3_00027	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:11 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D

Injection Date:	17-Jun-2016 19:14:55	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.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	0.0361					Ave		0.0361						20.0			0.9900
PCB-1262 Peak 2	0.0419					Ave		0.0419						20.0			0.9900
PCB-1262 Peak 3	0.0620					Ave		0.0620						20.0			0.9900
PCB-1262 Peak 4	0.0568					Ave		0.0568						20.0			0.9900
PCB-1262 Peak 5	0.1148					Ave		0.1148						20.0			0.9900
PCB-1262 Peak 6	0.0182					Ave		0.0182						20.0			0.9900
PCB-1262 Peak 7	0.0412					Ave		0.0412						20.0			0.9900
PCB-1262 Peak 8	0.0142					Ave		0.0142						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	89674640					1000				
PCB-1262 Peak 2	BNB	Ave	104035024					1000				
PCB-1262 Peak 3	BNB	Ave	154090069					1000				
PCB-1262 Peak 4	BNB	Ave	141181898					1000				
PCB-1262 Peak 5	BNB	Ave	285081371					1000				
PCB-1262 Peak 6	BNB	Ave	45130632					1000				
PCB-1262 Peak 7	BNB	Ave	102259307					1000				
PCB-1262 Peak 8	BNB	Ave	35317029					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:29:21 ALS Bottle#: 14 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:14 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:07:42

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	1.534	1.534	0.000	49668793	20.0	20.0	
2	1.368	1.368	0.000	45259079	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	6.213	6.213	0.000	89674640	1000.0	1000.0	a
1	6.524	6.524	0.000	104035024	1000.0	1000.0	a
1	7.229	7.229	0.000	154090069	1000.0	1000.0	a
1	7.738	7.738	0.000	141181898	1000.0	1000.0	a
1	8.233	8.233	0.000	285081371	1000.0	1000.0	a
1	9.744	9.744	0.000	45130632	1000.0	1000.0	a
1	9.974	9.974	0.000	102259307	1000.0	1000.0	
1	10.306	10.306	0.000	35317029	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.092	5.092	0.000	81745945	1000.0	1000.0	M
2	6.164	6.164	0.000	138403732	1000.0	1000.0	M
2	6.602	6.602	0.000	289513373	1000.0	1000.0	M
2	7.019	7.019	0.000	102630866	1000.0	1000.0	a
2	7.160	7.160	0.000	123711143	1000.0	1000.0	a
2	7.626	7.626	0.000	48287897	1000.0	1000.0	a
2	8.121	8.121	0.000	108064398	1000.0	1000.0	a
2	8.681	8.681	0.000	40912250	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

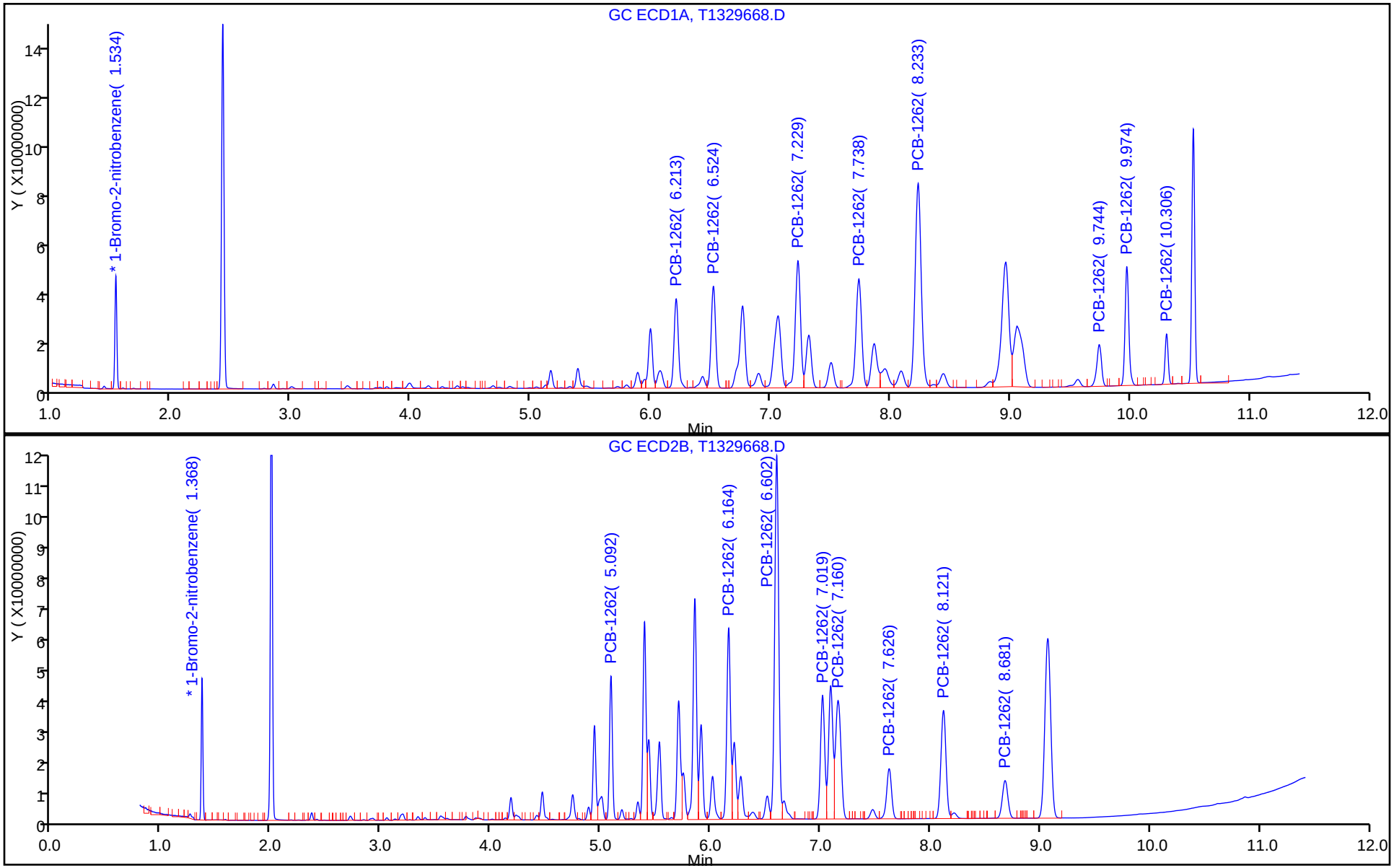
SG1262L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:17 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D

Injection Date:	17-Jun-2016 19:29:21	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.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	0.0361					Ave		0.0361						20.0			0.9900
PCB-1262 Peak 2	0.0612					Ave		0.0612						20.0			0.9900
PCB-1262 Peak 3	0.1279					Ave		0.1279						20.0			0.9900
PCB-1262 Peak 4	0.0454					Ave		0.0454						20.0			0.9900
PCB-1262 Peak 5	0.0547					Ave		0.0547						20.0			0.9900
PCB-1262 Peak 6	0.0213					Ave		0.0213						20.0			0.9900
PCB-1262 Peak 7	0.0478					Ave		0.0478						20.0			0.9900
PCB-1262 Peak 8	0.0181					Ave		0.0181						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	81745945					1000				
PCB-1262 Peak 2	BNB	Ave	138403732					1000				
PCB-1262 Peak 3	BNB	Ave	289513373					1000				
PCB-1262 Peak 4	BNB	Ave	102630866					1000				
PCB-1262 Peak 5	BNB	Ave	123711143					1000				
PCB-1262 Peak 6	BNB	Ave	48287897					1000				
PCB-1262 Peak 7	BNB	Ave	108064398					1000				
PCB-1262 Peak 8	BNB	Ave	40912250					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:29:21 ALS Bottle#: 14 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:14 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:07:42

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	1.534	1.534	0.000	49668793	20.0	20.0	
2	1.368	1.368	0.000	45259079	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	6.213	6.213	0.000	89674640	1000.0	1000.0	a
1	6.524	6.524	0.000	104035024	1000.0	1000.0	a
1	7.229	7.229	0.000	154090069	1000.0	1000.0	a
1	7.738	7.738	0.000	141181898	1000.0	1000.0	a
1	8.233	8.233	0.000	285081371	1000.0	1000.0	a
1	9.744	9.744	0.000	45130632	1000.0	1000.0	a
1	9.974	9.974	0.000	102259307	1000.0	1000.0	
1	10.306	10.306	0.000	35317029	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.092	5.092	0.000	81745945	1000.0	1000.0	M
2	6.164	6.164	0.000	138403732	1000.0	1000.0	M
2	6.602	6.602	0.000	289513373	1000.0	1000.0	M
2	7.019	7.019	0.000	102630866	1000.0	1000.0	a
2	7.160	7.160	0.000	123711143	1000.0	1000.0	a
2	7.626	7.626	0.000	48287897	1000.0	1000.0	a
2	8.121	8.121	0.000	108064398	1000.0	1000.0	a
2	8.681	8.681	0.000	40912250	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

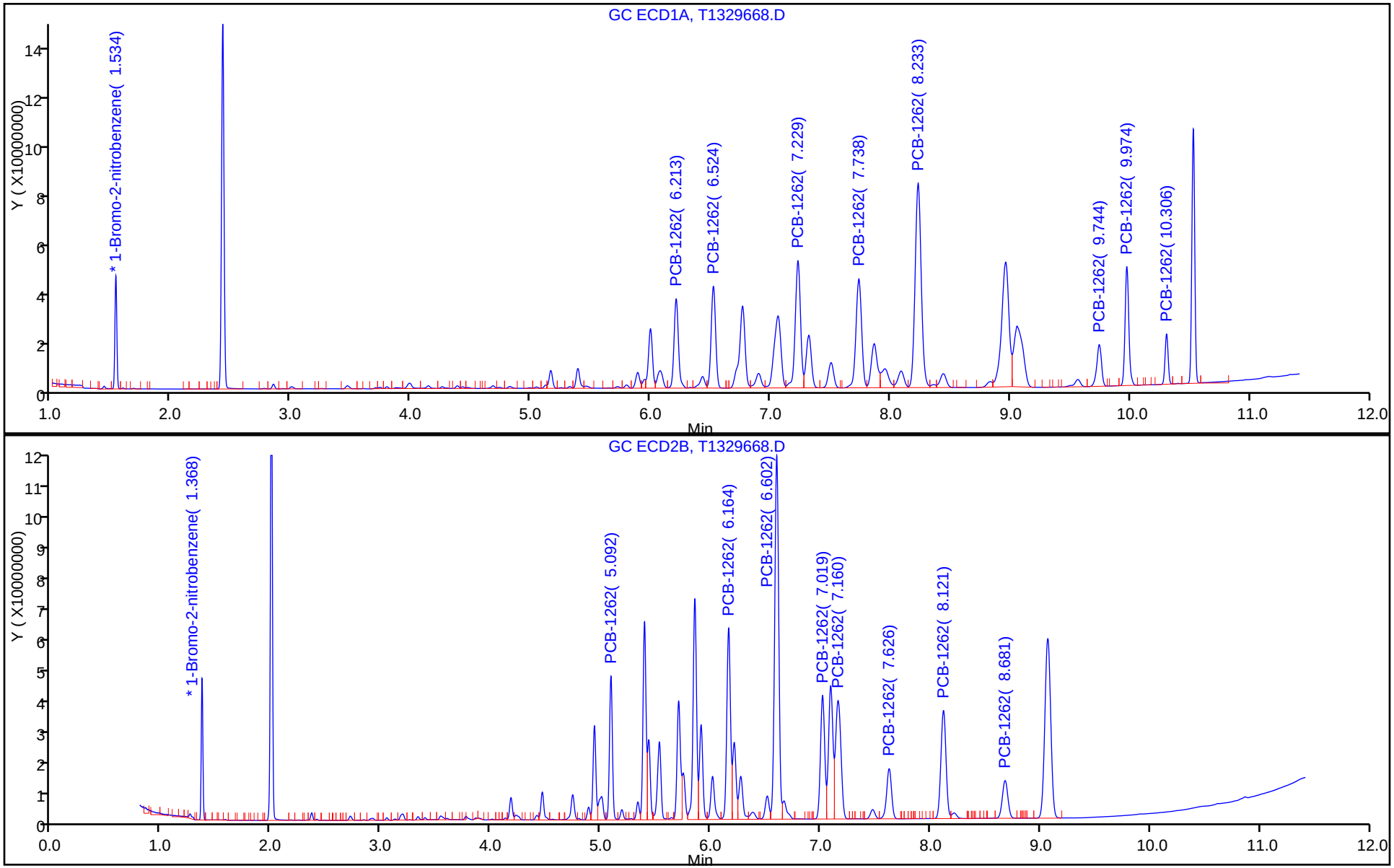
SG1262L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:17 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D

Injection Date:	17-Jun-2016 19:29:21	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.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	0.0215					Ave		0.0215						20.0			0.9900
PCB-1268 Peak 2	0.0279					Ave		0.0279						20.0			0.9900
PCB-1268 Peak 3	0.1192					Ave		0.1192						20.0			0.9900
PCB-1268 Peak 4	0.1132					Ave		0.1132						20.0			0.9900
PCB-1268 Peak 5	0.0941					Ave		0.0941						20.0			0.9900
PCB-1268 Peak 6	0.0260					Ave		0.0260						20.0			0.9900
PCB-1268 Peak 7	0.0391					Ave		0.0391						20.0			0.9900
PCB-1268 Peak 8	0.2629					Ave		0.2629						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	52457685					1000				
PCB-1268 Peak 2	BNB	Ave	68085509					1000				
PCB-1268 Peak 3	BNB	Ave	291403355					1000				
PCB-1268 Peak 4	BNB	Ave	276694202					1000				
PCB-1268 Peak 5	BNB	Ave	230000843					1000				
PCB-1268 Peak 6	BNB	Ave	63648345					1000				
PCB-1268 Peak 7	BNB	Ave	95650107					1000				
PCB-1268 Peak 8	BNB	Ave	642543789					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:43:54 ALS Bottle#: 15 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:20 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:09:04

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	1.534	1.534	0.000	48876217	20.0	20.0	
2	1.368	1.368	0.000	45299420	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	7.228	7.228	0.000	52457685	1000.0	1000.0	a
1	7.741	7.741	0.000	68085509	1000.0	1000.0	a
1	8.958	8.958	0.000	291403355	1000.0	1000.0	a
1	9.054	9.054	0.000	276694202	1000.0	1000.0	a
1	9.566	9.566	0.000	230000843	1000.0	1000.0	a
1	9.716	9.716	0.000	63648345	1000.0	1000.0	a
1	9.973	9.973	0.000	95650107	1000.0	1000.0	a
1	10.299	10.299	0.000	642543789	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	6.158	6.158	0.000	65956426	1000.0	1000.0	a
2	6.596	6.596	0.000	45181531	1000.0	1000.0	a
2	7.093	7.093	0.000	293338664	1000.0	1000.0	a
2	7.153	7.153	0.000	269759018	1000.0	1000.0	a
2	7.475	7.475	0.000	238832073	1000.0	1000.0	a
2	7.618	7.618	0.000	66742099	1000.0	1000.0	a
2	8.118	8.118	0.000	105420910	1000.0	1000.0	a
2	8.680	8.680	0.000	756916830	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

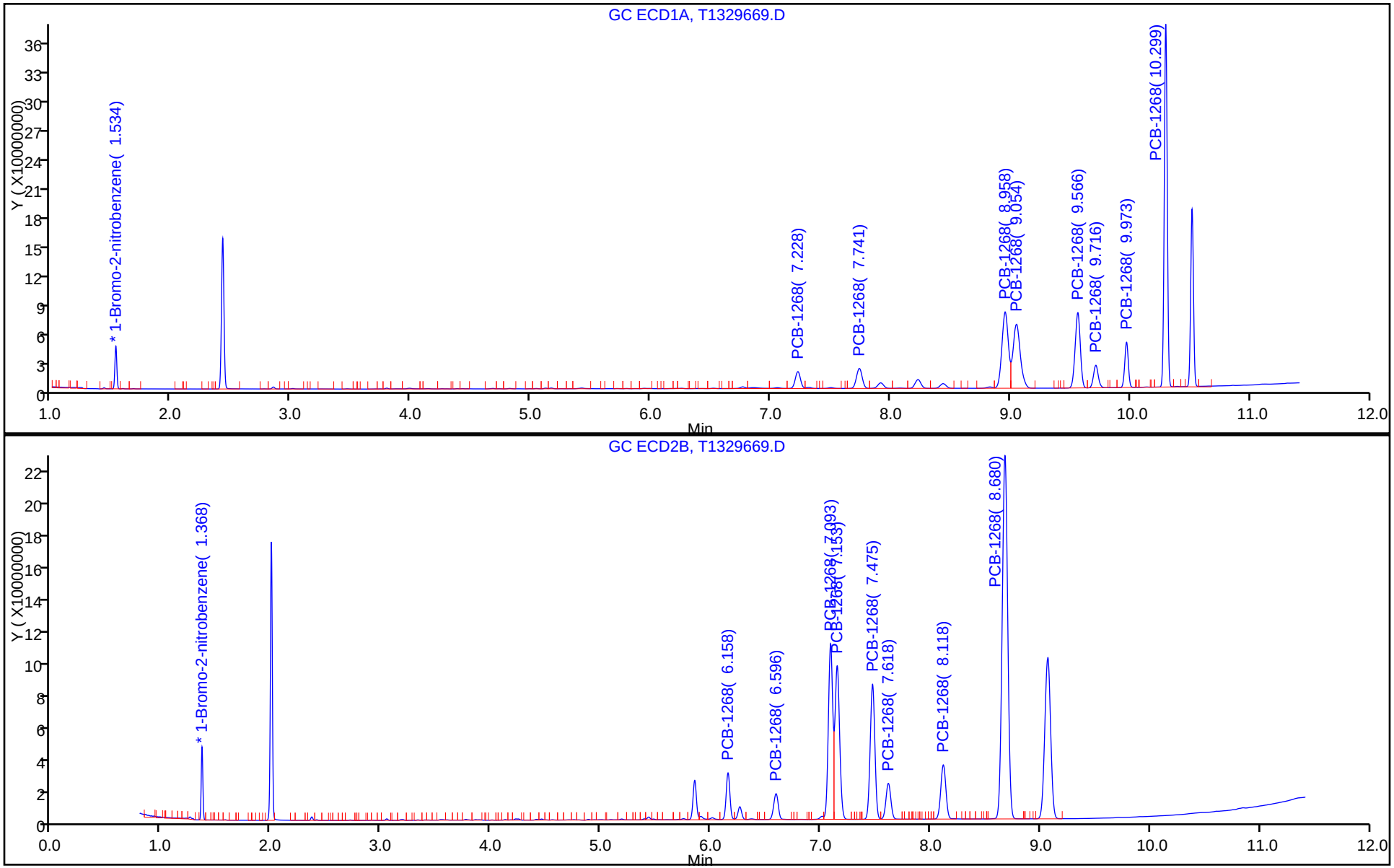
SG1268L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Injection Date:	17-Jun-2016 19:43:54	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#:	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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.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	0.0291					Ave		0.0291						20.0			0.9900
PCB-1268 Peak 2	0.0199					Ave		0.0199						20.0			0.9900
PCB-1268 Peak 3	0.1295					Ave		0.1295						20.0			0.9900
PCB-1268 Peak 4	0.1191					Ave		0.1191						20.0			0.9900
PCB-1268 Peak 5	0.1054					Ave		0.1054						20.0			0.9900
PCB-1268 Peak 6	0.0295					Ave		0.0295						20.0			0.9900
PCB-1268 Peak 7	0.0465					Ave		0.0465						20.0			0.9900
PCB-1268 Peak 8	0.3342					Ave		0.3342						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.: 460-118325-2 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	65956426					1000				
PCB-1268 Peak 2	BNB	Ave	45181531					1000				
PCB-1268 Peak 3	BNB	Ave	293338664					1000				
PCB-1268 Peak 4	BNB	Ave	269759018					1000				
PCB-1268 Peak 5	BNB	Ave	238832073					1000				
PCB-1268 Peak 6	BNB	Ave	66742099					1000				
PCB-1268 Peak 7	BNB	Ave	105420910					1000				
PCB-1268 Peak 8	BNB	Ave	756916830					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:43:54 ALS Bottle#: 15 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:20 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:09:04

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	1.534	1.534	0.000	48876217	20.0	20.0	
2	1.368	1.368	0.000	45299420	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	7.228	7.228	0.000	52457685	1000.0	1000.0	a
1	7.741	7.741	0.000	68085509	1000.0	1000.0	a
1	8.958	8.958	0.000	291403355	1000.0	1000.0	a
1	9.054	9.054	0.000	276694202	1000.0	1000.0	a
1	9.566	9.566	0.000	230000843	1000.0	1000.0	a
1	9.716	9.716	0.000	63648345	1000.0	1000.0	a
1	9.973	9.973	0.000	95650107	1000.0	1000.0	a
1	10.299	10.299	0.000	642543789	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	6.158	6.158	0.000	65956426	1000.0	1000.0	a
2	6.596	6.596	0.000	45181531	1000.0	1000.0	a
2	7.093	7.093	0.000	293338664	1000.0	1000.0	a
2	7.153	7.153	0.000	269759018	1000.0	1000.0	a
2	7.475	7.475	0.000	238832073	1000.0	1000.0	a
2	7.618	7.618	0.000	66742099	1000.0	1000.0	a
2	8.118	8.118	0.000	105420910	1000.0	1000.0	a
2	8.680	8.680	0.000	756916830	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

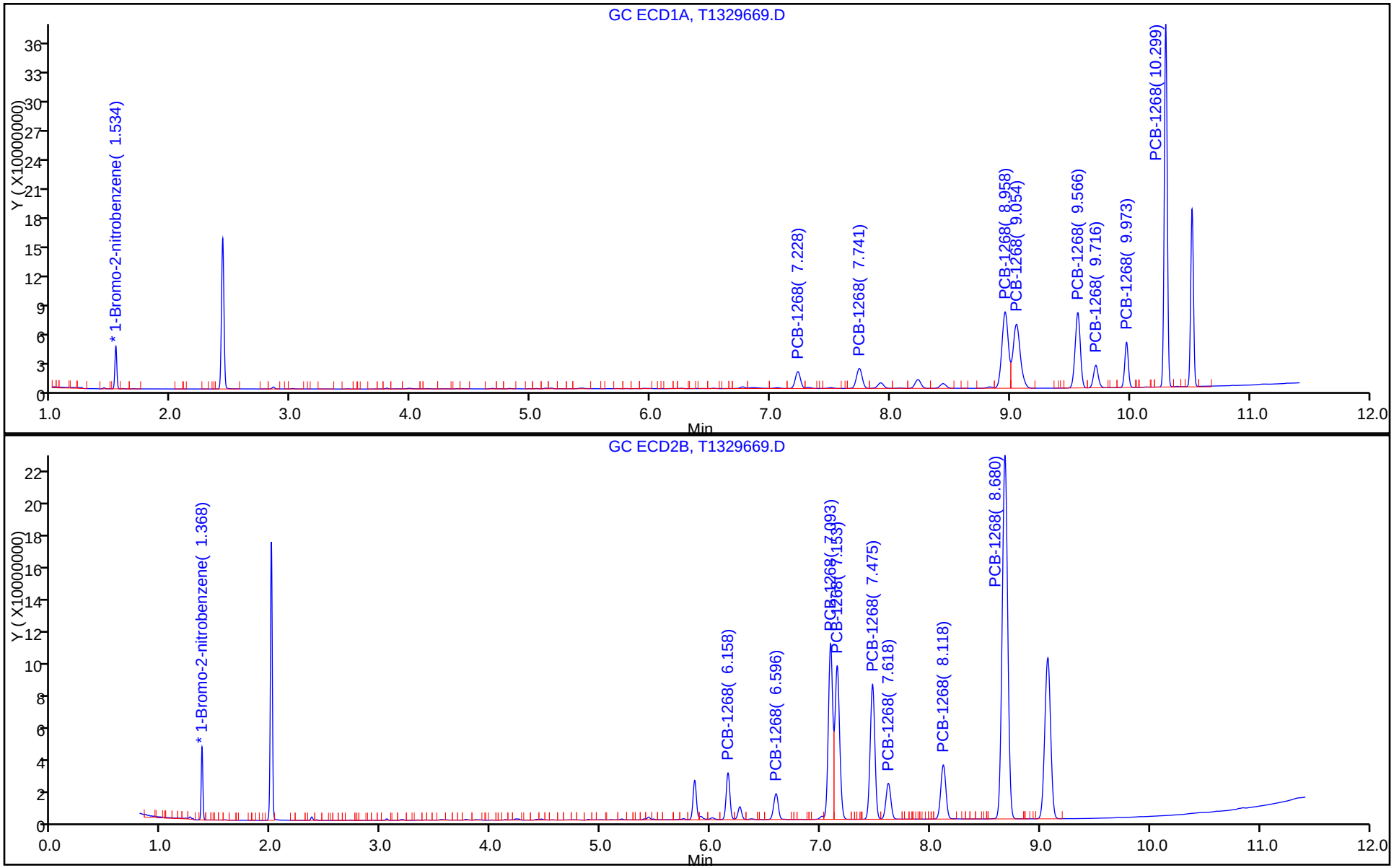
SG1268L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Injection Date:	17-Jun-2016 19:43:54	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#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.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	0.0164	0.0162		986	1000	-1.4	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0346		1070	1000	6.9	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0137		974	1000	-2.6	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0695		1050	1000	5.3	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0288		1040	1000	3.6	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0155		1080	1000	8.4	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0228		1020	1000	2.4	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0226		919	1000	-8.1	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0206		974	1000	-2.6	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0467		1050	1000	5.0	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0533		1030	1000	2.5	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0377		901	1000	-9.9	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0443		961	1000	-3.9	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0912		943	1000	-5.7	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0695		959	1000	-4.1	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0231		861	1000	-13.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.00	2.97	3.03
PCB-1016 Peak 2	3.47	3.44	3.50
PCB-1016 Peak 3	3.74	3.71	3.77
PCB-1016 Peak 4	3.99	3.96	4.02
PCB-1016 Peak 5	4.14	4.11	4.17
PCB-1016 Peak 6	4.38	4.35	4.41
PCB-1016 Peak 7	4.68	4.65	4.71
PCB-1016 Peak 8	4.82	4.79	4.85
PCB-1260 Peak 1	6.00	5.97	6.03
PCB-1260 Peak 2	6.21	6.18	6.24
PCB-1260 Peak 3	6.52	6.49	6.55
PCB-1260 Peak 4	7.23	7.20	7.26
PCB-1260 Peak 5	7.73	7.71	7.77
PCB-1260 Peak 6	8.23	8.20	8.26
PCB-1260 Peak 7	8.96	8.93	8.99
PCB-1260 Peak 8	9.98	9.95	10.01

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Jun-2016 18:02:22 ALS Bottle#: 8 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-007
Operator ID: Instrument ID: CPESTGC11
Sublist:

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:51

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	1.534	1.534	0.000	47837155	20.0	20.0	
2	1.367	1.367	0.000	41401410	20.0	20.0	M
						RPD = 0.00	
5 PCB-1016							M
1	2.997	2.998	-0.001	38768946	1000.0	985.8	
1	3.466	3.465	0.001	82720292	1000.0	1069.2	
1	3.739	3.738	0.001	32806436	1000.0	973.8	
1	3.985	3.985	0.000	166195021	1000.0	1052.7	
1	4.142	4.142	0.000	68964876	1000.0	1036.2	
1	4.384	4.384	0.000	37080461	1000.0	1083.7	
1	4.683	4.684	-0.001	54434962	1000.0	1024.4	
1	4.821	4.822	-0.001	53992949	1000.0	918.8	
		Average of Peak Amounts =				1018.1	
2	2.360	2.360	0.000	33815992	1000.0	984.4	
2	2.717	2.718	-0.001	74744319	1000.0	1114.0	
2	2.920	2.921	-0.001	49986897	1000.0	1115.9	
2	3.195	3.194	0.001	166914488	1000.0	1119.6	
2	3.333	3.333	0.000	69786287	1000.0	1133.2	
2	3.397	3.397	0.000	41293237	1000.0	1085.7	
2	3.770	3.770	0.000	67501609	1000.0	1081.3	
2	3.860	3.860	0.000	36349734	1000.0	1043.4	M
		Average of Peak Amounts =				1084.7	
						RPD = 6.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	5.996	5.996	0.000	49256236	1000.0	973.7	
1	6.210	6.211	-0.001	111683003	1000.0	1049.8	
1	6.521	6.521	0.000	127496396	1000.0	1025.5	
1	7.225	7.228	-0.003	90112541	1000.0	901.3	
1	7.734	7.735	-0.001	105956793	1000.0	961.2	
1	8.228	8.230	-0.002	218179687	1000.0	942.6	
1	8.963	8.960	0.003	166147295	1000.0	958.6	
1	9.978	9.979	-0.001	55212855	1000.0	860.9	
		Average of Peak Amounts =				959.2	
2	5.090	5.091	-0.001	96592775	1000.0	1075.2	M
2	5.708	5.708	0.000	177512496	1000.0	1143.9	M
2	5.855	5.855	0.000	85359198	1000.0	902.3	M
2	6.163	6.162	0.001	92577897	1000.0	963.7	M
2	6.600	6.600	0.000	207530422	1000.0	974.6	M
2	7.018	7.019	-0.001	116967266	1000.0	1067.1	
2	7.161	7.160	0.001	54307419	1000.0	869.1	
2	8.120	8.119	0.001	55167402	1000.0	897.0	
		Average of Peak Amounts =				986.6	
						RPD = 2.82	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

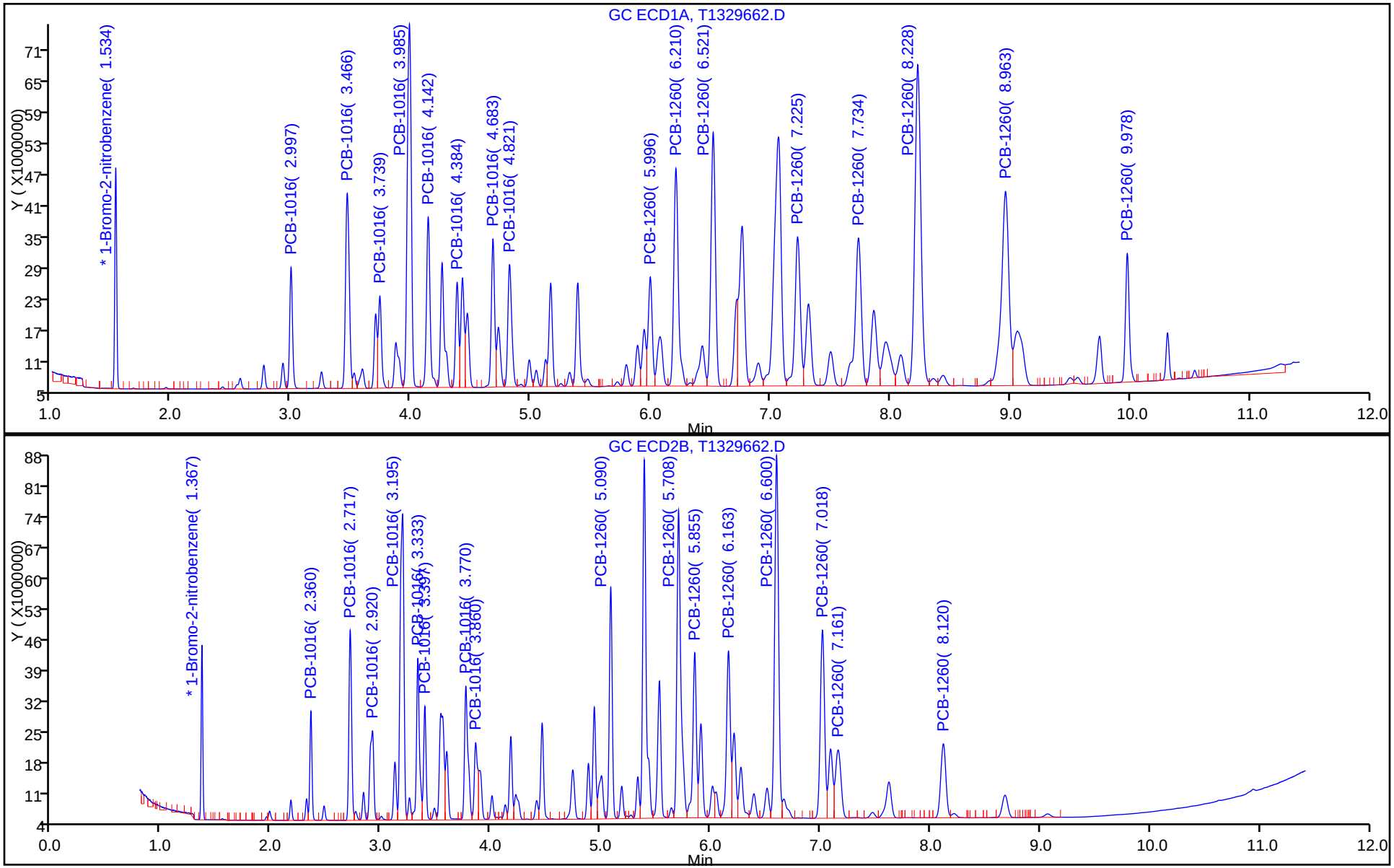
SGPCBICV_00018	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:33 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D

Injection Date:	17-Jun-2016 18:02:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.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	0.0166	0.0163		984	1000	-1.6	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0361		1110	1000	11.4	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0242		1120	1000	11.6	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0806		1120	1000	12.0	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0337		1130	1000	13.3	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0200		1090	1000	8.6	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0326		1080	1000	8.1	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0176		1040	1000	4.3	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0467		1080	1000	7.5	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0858		1140	1000	14.4	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0412		902	1000	-9.8	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0447		964	1000	-3.6	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1003		975	1000	-2.5	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0565		1070	1000	6.7	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0262		869	1000	-13.1	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0267		897	1000	-10.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.36	2.33	2.39
PCB-1016 Peak 2	2.72	2.69	2.75
PCB-1016 Peak 3	2.92	2.89	2.95
PCB-1016 Peak 4	3.20	3.16	3.22
PCB-1016 Peak 5	3.33	3.30	3.36
PCB-1016 Peak 6	3.40	3.37	3.43
PCB-1016 Peak 7	3.77	3.74	3.80
PCB-1016 Peak 8	3.86	3.83	3.89
PCB-1260 Peak 1	5.09	5.06	5.12
PCB-1260 Peak 2	5.71	5.68	5.74
PCB-1260 Peak 3	5.86	5.83	5.89
PCB-1260 Peak 4	6.16	6.13	6.19
PCB-1260 Peak 5	6.60	6.57	6.63
PCB-1260 Peak 6	7.02	6.99	7.05
PCB-1260 Peak 7	7.16	7.13	7.19
PCB-1260 Peak 8	8.12	8.09	8.15

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Jun-2016 18:02:22 ALS Bottle#: 8 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-007
Operator ID: Instrument ID: CPESTGC11
Sublist:

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:51

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	1.534	1.534	0.000	47837155	20.0	20.0	
2	1.367	1.367	0.000	41401410	20.0	20.0	M
						RPD = 0.00	
5 PCB-1016							M
1	2.997	2.998	-0.001	38768946	1000.0	985.8	
1	3.466	3.465	0.001	82720292	1000.0	1069.2	
1	3.739	3.738	0.001	32806436	1000.0	973.8	
1	3.985	3.985	0.000	166195021	1000.0	1052.7	
1	4.142	4.142	0.000	68964876	1000.0	1036.2	
1	4.384	4.384	0.000	37080461	1000.0	1083.7	
1	4.683	4.684	-0.001	54434962	1000.0	1024.4	
1	4.821	4.822	-0.001	53992949	1000.0	918.8	
		Average of Peak Amounts =				1018.1	
2	2.360	2.360	0.000	33815992	1000.0	984.4	
2	2.717	2.718	-0.001	74744319	1000.0	1114.0	
2	2.920	2.921	-0.001	49986897	1000.0	1115.9	
2	3.195	3.194	0.001	166914488	1000.0	1119.6	
2	3.333	3.333	0.000	69786287	1000.0	1133.2	
2	3.397	3.397	0.000	41293237	1000.0	1085.7	
2	3.770	3.770	0.000	67501609	1000.0	1081.3	
2	3.860	3.860	0.000	36349734	1000.0	1043.4	M
		Average of Peak Amounts =				1084.7	
						RPD = 6.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	5.996	5.996	0.000	49256236	1000.0	973.7	
1	6.210	6.211	-0.001	111683003	1000.0	1049.8	
1	6.521	6.521	0.000	127496396	1000.0	1025.5	
1	7.225	7.228	-0.003	90112541	1000.0	901.3	
1	7.734	7.735	-0.001	105956793	1000.0	961.2	
1	8.228	8.230	-0.002	218179687	1000.0	942.6	
1	8.963	8.960	0.003	166147295	1000.0	958.6	
1	9.978	9.979	-0.001	55212855	1000.0	860.9	
		Average of Peak Amounts =				959.2	
2	5.090	5.091	-0.001	96592775	1000.0	1075.2	M
2	5.708	5.708	0.000	177512496	1000.0	1143.9	M
2	5.855	5.855	0.000	85359198	1000.0	902.3	M
2	6.163	6.162	0.001	92577897	1000.0	963.7	M
2	6.600	6.600	0.000	207530422	1000.0	974.6	M
2	7.018	7.019	-0.001	116967266	1000.0	1067.1	
2	7.161	7.160	0.001	54307419	1000.0	869.1	
2	8.120	8.119	0.001	55167402	1000.0	897.0	
		Average of Peak Amounts =				986.6	
						RPD = 2.82	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

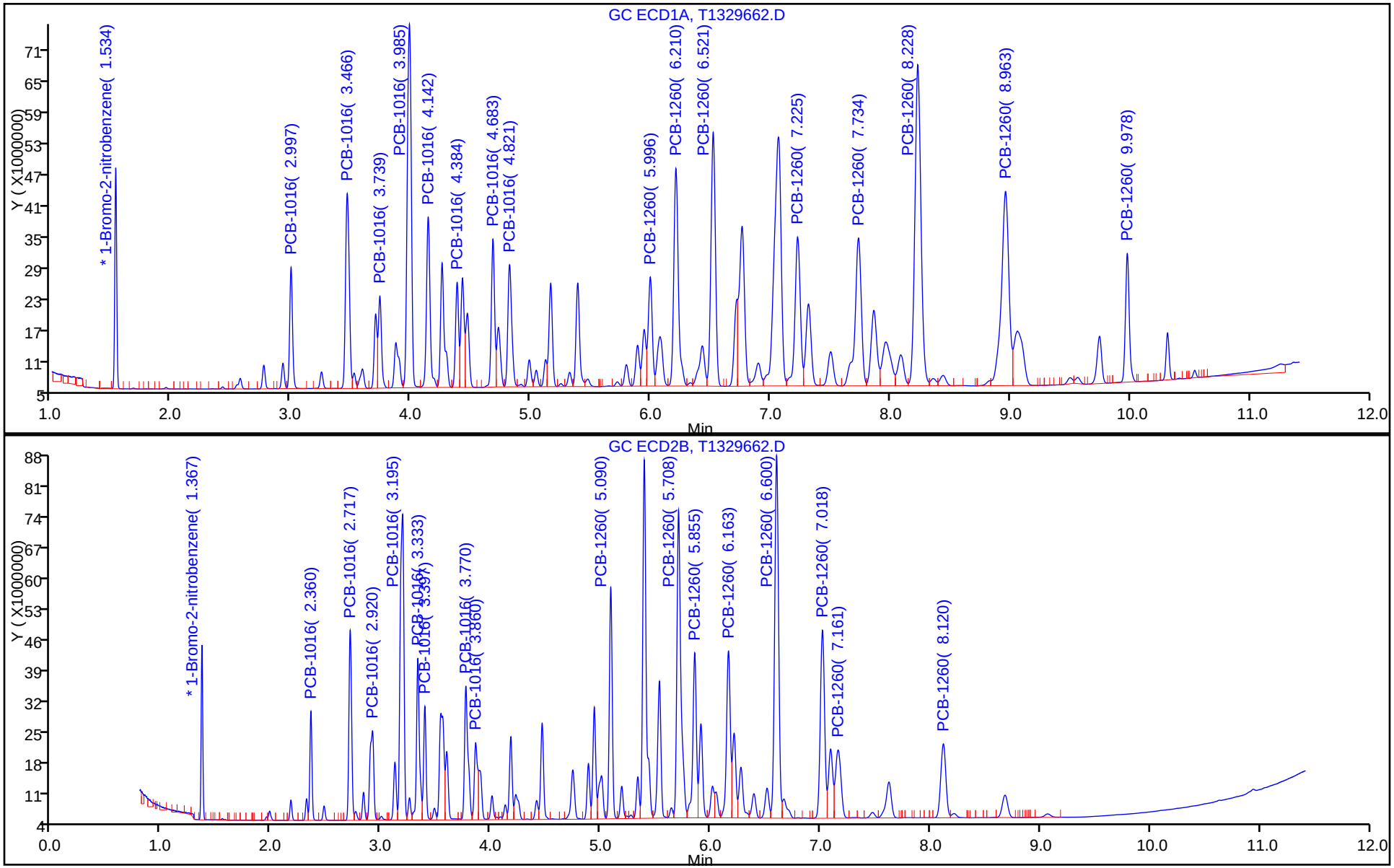
SGPCBICV_00018	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:35 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D

Injection Date:	17-Jun-2016 18:02:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCVIS 460-386235/2 Calibration Date: 08/23/2016 07:12

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332043.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	0.0164	0.0161		978	1000	-2.2	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0313		967	1000	-3.3	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0126		893	1000	-10.7	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0638		967	1000	-3.3	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0268		963	1000	-3.7	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0142		990	1000	-1.0	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0215		968	1000	-3.2	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0244		994	1000	-0.6	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0208		981	1000	-1.9	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0428		961	1000	-3.9	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0489		941	1000	-5.9	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0399		954	1000	-4.6	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0436		947	1000	-5.3	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0909		939	1000	-6.1	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0677		934	1000	-6.6	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0253		942	1000	-5.8	20.0
Tetrachloro-m-xylene	Ave	0.8815	0.8969		102	100	1.7	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.6658		93.1	100	-6.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCVIS 460-386235/2 Calibration Date: 08/23/2016 07:12

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332043.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.97	2.94	3.00
PCB-1016 Peak 2	3.44	3.41	3.47
PCB-1016 Peak 3	3.71	3.68	3.74
PCB-1016 Peak 4	3.95	3.92	3.98
PCB-1016 Peak 5	4.11	4.08	4.14
PCB-1016 Peak 6	4.35	4.32	4.38
PCB-1016 Peak 7	4.65	4.62	4.68
PCB-1016 Peak 8	4.79	4.76	4.82
PCB-1260 Peak 1	5.95	5.92	5.98
PCB-1260 Peak 2	6.16	6.13	6.19
PCB-1260 Peak 3	6.47	6.44	6.50
PCB-1260 Peak 4	7.17	7.14	7.20
PCB-1260 Peak 5	7.67	7.64	7.70
PCB-1260 Peak 6	8.17	8.14	8.20
PCB-1260 Peak 7	8.89	8.86	8.92
PCB-1260 Peak 8	9.94	9.91	9.97
Tetrachloro-m-xylene	2.40	2.37	2.43
DCB Decachlorobiphenyl	10.50	10.47	10.53

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332043.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Aug-2016 07:12:41 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:29

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	1.517	1.517	0.000	39864868	20.0	20.0	M
2	1.347	1.347	0.000	42615964	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.402	2.402	0.000	178767680	100.0	101.7	
2	1.969	1.969	0.000	206000404	100.0	107.7	
						RPD = 5.67	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.969	2.969	0.000	32050930	1000.0	978.0	
1	3.436	3.436	0.000	62356207	1000.0	967.1	
1	3.706	3.706	0.000	25066531	1000.0	892.9	
1	3.954	3.954	0.000	127185081	1000.0	966.7	
1	4.109	4.109	0.000	53434734	1000.0	963.4	
1	4.350	4.350	0.000	28233324	1000.0	990.1	
1	4.649	4.649	0.000	42884922	1000.0	968.4	
1	4.786	4.786	0.000	48695789	1000.0	994.4	
		Average of Peak Amounts =				965.1	
2	2.326	2.326	0.000	36827972	1000.0	1041.5	M
2	2.679	2.679	0.000	75751380	1000.0	1096.8	M
2	2.880	2.880	0.000	49280515	1000.0	1068.8	M
2	3.152	3.152	0.000	160750176	1000.0	1047.5	M
2	3.291	3.291	0.000	66886501	1000.0	1055.2	M
2	3.356	3.356	0.000	40399942	1000.0	1031.9	M
2	3.727	3.727	0.000	66371213	1000.0	1032.9	M
2	3.816	3.816	0.000	41874572	1000.0	1167.8	M
		Average of Peak Amounts =				1067.8	
						RPD = 10.10	
8 PCB-1260							M
1	5.952	5.952	0.000	41354005	1000.0	981.0	
1	6.164	6.164	0.000	85223715	1000.0	961.3	
1	6.472	6.472	0.000	97530775	1000.0	941.3	
1	7.171	7.171	0.000	79457359	1000.0	953.7	
1	7.671	7.671	0.000	86990559	1000.0	946.9	
1	8.165	8.165	0.000	181103379	1000.0	938.9	
1	8.889	8.889	0.000	134851378	1000.0	933.6	
1	9.936	9.936	0.000	50371667	1000.0	942.5	
		Average of Peak Amounts =				949.9	
2	5.043	5.043	0.000	95683322	1000.0	1034.7	M
2	5.656	5.656	0.000	163304426	1000.0	1022.4	M
2	5.800	5.800	0.000	95831118	1000.0	984.1	M
2	6.105	6.105	0.000	98480090	1000.0	996.0	M
2	6.540	6.540	0.000	239625392	1000.0	1093.2	M
2	6.952	6.952	0.000	110809734	1000.0	982.1	M
2	7.094	7.094	0.000	66235151	1000.0	1029.7	
2	8.043	8.043	0.000	68559727	1000.0	1082.9	
		Average of Peak Amounts =				1028.1	
						RPD = 7.91	
$ 11 DCB Decachlorobiphenyl							
1	10.497	10.497	0.000	132704649	100.0	93.1	
2	8.983	8.983	0.000	208388981	100.0	101.6	
						RPD = 8.76	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

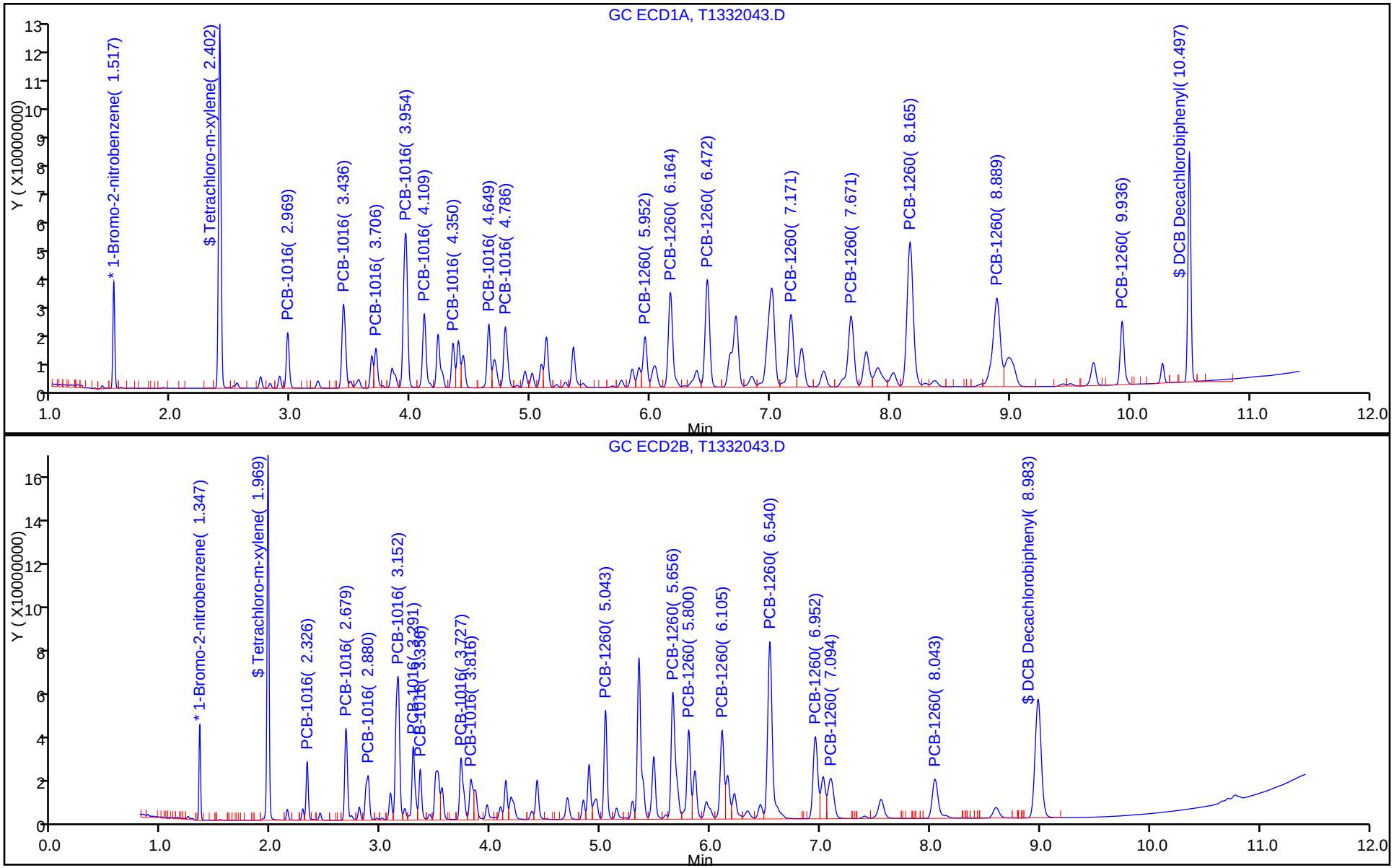
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 23-Aug-2016 10:14:39 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332043.D

Injection Date:	23-Aug-2016 07:12:41	Instrument ID:	CPESTGC11	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.: 460-118325-2

SDG No.:

Lab Sample ID: CCVIS 460-386235/2 Calibration Date: 08/23/2016 07:12

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332043.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	0.0166	0.0173		1040	1000	4.2	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0356		1100	1000	9.7	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0231		1070	1000	6.9	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0754		1050	1000	4.7	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0314		1060	1000	5.5	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0190		1030	1000	3.2	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0312		1030	1000	3.3	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0197		1170	1000	16.8	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0449		1030	1000	3.5	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0766		1020	1000	2.2	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0450		984	1000	-1.6	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0462		996	1000	-0.4	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1125		1090	1000	9.3	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0520		982	1000	-1.8	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0311		1030	1000	3.0	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0322		1080	1000	8.3	20.0
Tetrachloro-m-xylene	Ave	0.8978	0.9668		108	100	7.7	20.0
DCB Decachlorobiphenyl	Ave	0.9626	0.9780		102	100	1.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCVIS 460-386235/2 Calibration Date: 08/23/2016 07:12

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332043.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.33	2.30	2.36
PCB-1016 Peak 2	2.68	2.65	2.71
PCB-1016 Peak 3	2.88	2.85	2.91
PCB-1016 Peak 4	3.15	3.12	3.18
PCB-1016 Peak 5	3.29	3.26	3.32
PCB-1016 Peak 6	3.36	3.33	3.39
PCB-1016 Peak 7	3.73	3.70	3.76
PCB-1016 Peak 8	3.82	3.79	3.85
PCB-1260 Peak 1	5.04	5.01	5.07
PCB-1260 Peak 2	5.66	5.63	5.69
PCB-1260 Peak 3	5.80	5.77	5.83
PCB-1260 Peak 4	6.11	6.08	6.14
PCB-1260 Peak 5	6.54	6.51	6.57
PCB-1260 Peak 6	6.95	6.92	6.98
PCB-1260 Peak 7	7.09	7.06	7.12
PCB-1260 Peak 8	8.04	8.01	8.07
Tetrachloro-m-xylene	1.97	1.94	2.00
DCB Decachlorobiphenyl	8.98	8.88	9.08

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332043.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Aug-2016 07:12:41 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:29

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	1.517	1.517	0.000	39864868	20.0	20.0	M
2	1.347	1.347	0.000	42615964	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.402	2.402	0.000	178767680	100.0	101.7	
2	1.969	1.969	0.000	206000404	100.0	107.7	
						RPD = 5.67	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.969	2.969	0.000	32050930	1000.0	978.0	
1	3.436	3.436	0.000	62356207	1000.0	967.1	
1	3.706	3.706	0.000	25066531	1000.0	892.9	
1	3.954	3.954	0.000	127185081	1000.0	966.7	
1	4.109	4.109	0.000	53434734	1000.0	963.4	
1	4.350	4.350	0.000	28233324	1000.0	990.1	
1	4.649	4.649	0.000	42884922	1000.0	968.4	
1	4.786	4.786	0.000	48695789	1000.0	994.4	
		Average of Peak Amounts =				965.1	
2	2.326	2.326	0.000	36827972	1000.0	1041.5	M
2	2.679	2.679	0.000	75751380	1000.0	1096.8	M
2	2.880	2.880	0.000	49280515	1000.0	1068.8	M
2	3.152	3.152	0.000	160750176	1000.0	1047.5	M
2	3.291	3.291	0.000	66886501	1000.0	1055.2	M
2	3.356	3.356	0.000	40399942	1000.0	1031.9	M
2	3.727	3.727	0.000	66371213	1000.0	1032.9	M
2	3.816	3.816	0.000	41874572	1000.0	1167.8	M
		Average of Peak Amounts =				1067.8	
						RPD = 10.10	
8 PCB-1260							M
1	5.952	5.952	0.000	41354005	1000.0	981.0	
1	6.164	6.164	0.000	85223715	1000.0	961.3	
1	6.472	6.472	0.000	97530775	1000.0	941.3	
1	7.171	7.171	0.000	79457359	1000.0	953.7	
1	7.671	7.671	0.000	86990559	1000.0	946.9	
1	8.165	8.165	0.000	181103379	1000.0	938.9	
1	8.889	8.889	0.000	134851378	1000.0	933.6	
1	9.936	9.936	0.000	50371667	1000.0	942.5	
		Average of Peak Amounts =				949.9	
2	5.043	5.043	0.000	95683322	1000.0	1034.7	M
2	5.656	5.656	0.000	163304426	1000.0	1022.4	M
2	5.800	5.800	0.000	95831118	1000.0	984.1	M
2	6.105	6.105	0.000	98480090	1000.0	996.0	M
2	6.540	6.540	0.000	239625392	1000.0	1093.2	M
2	6.952	6.952	0.000	110809734	1000.0	982.1	M
2	7.094	7.094	0.000	66235151	1000.0	1029.7	
2	8.043	8.043	0.000	68559727	1000.0	1082.9	
		Average of Peak Amounts =				1028.1	
						RPD = 7.91	
$ 11 DCB Decachlorobiphenyl							
1	10.497	10.497	0.000	132704649	100.0	93.1	
2	8.983	8.983	0.000	208388981	100.0	101.6	
						RPD = 8.76	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

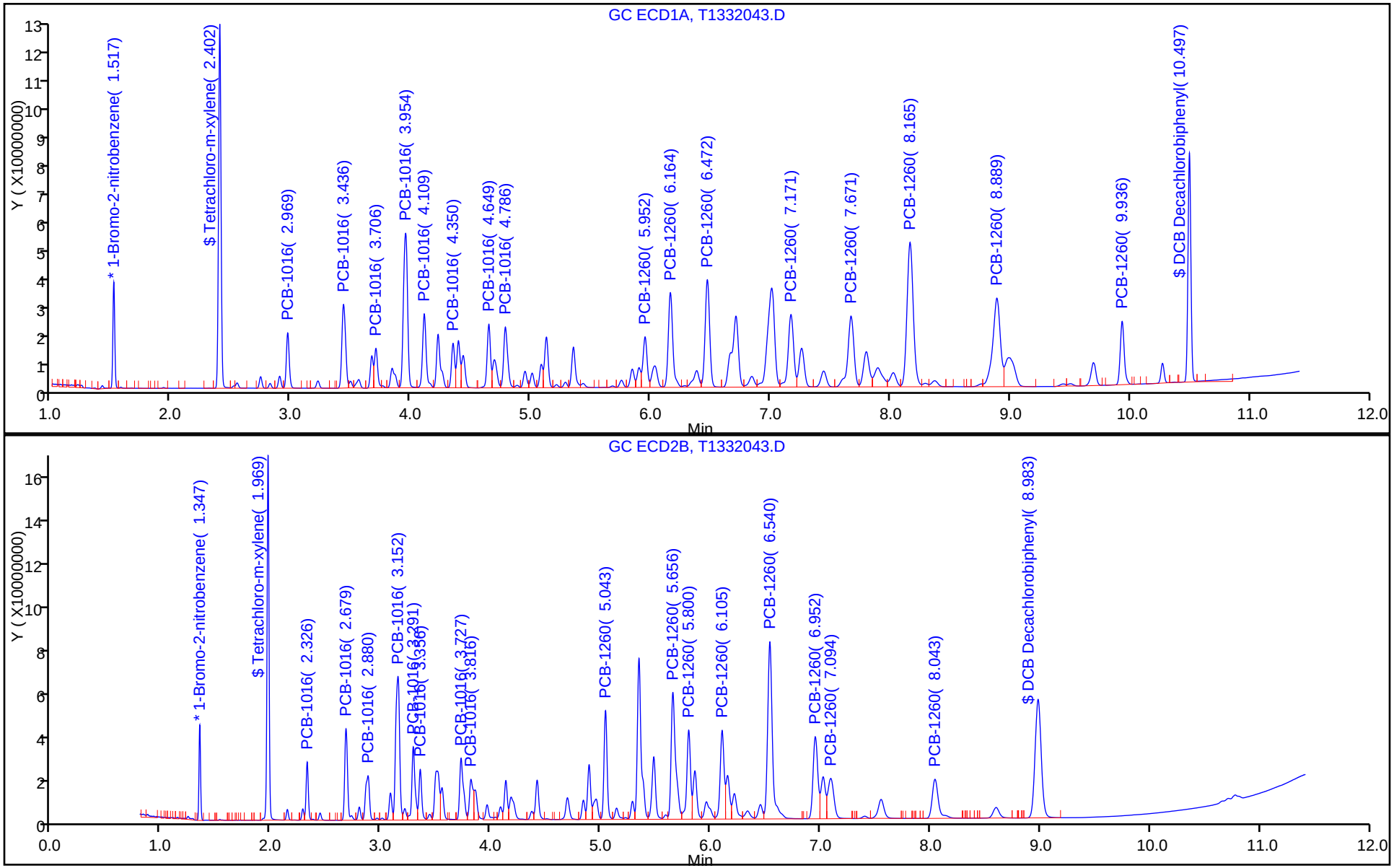
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 23-Aug-2016 10:14:40 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332043.D

Injection Date:	23-Aug-2016 07:12:41	Instrument ID:	CPESTGC11	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.: 460-118325-2

SDG No.:

Lab Sample ID: CCV 460-386235/12 Calibration Date: 08/23/2016 09:49

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8815	0.9048		103	100	2.6	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.7005		97.9	100	-2.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCV 460-386235/12 Calibration Date: 08/23/2016 09:49

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332053.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.40	2.37	2.43
DCB Decachlorobiphenyl	10.50	10.47	10.53

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332053.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 23-Aug-2016 09:49:44 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:15:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 10:10:41

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	1.516	1.517	-0.001	57900265	20.0	20.0	M
2	1.347	1.347	0.000	61071898	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.402	-0.002	261929085	100.0	102.6	
2	1.968	1.969	-0.001	300614812	100.0	109.6	
						RPD = 6.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 PCB-1248							
1	3.432	3.436	-0.004	38649619	1000.0	966.9	
1	3.948	3.953	-0.005	96815117	1000.0	971.5	
1	4.346	4.352	-0.006	57417342	1000.0	967.0	
1	4.391	4.397	-0.006	52475446	1000.0	971.3	
1	4.782	4.788	-0.006	83492646	1000.0	978.0	
1	5.083	5.090	-0.007	87620575	1000.0	959.8	
1	5.129	5.135	-0.006	98083423	1000.0	988.3	
1	6.207	6.215	-0.008	38080907	1000.0	987.2	
		Average of Peak Amounts =				973.8	
2	2.678	2.684	-0.006	44964697	1000.0	1072.2	
2	3.148	3.155	-0.007	120332648	1000.0	1052.8	
2	3.498	3.504	-0.006	122328776	1000.0	1030.6	
2	3.815	3.820	-0.005	71696287	1000.0	1026.7	
2	4.182	4.185	-0.003	203690221	1000.0	1051.2	
2	4.413	4.419	-0.006	90396648	1000.0	1062.8	
2	4.838	4.844	-0.006	56614100	1000.0	1053.6	
2	5.432	5.435	-0.003	39675602	1000.0	1094.1	
		Average of Peak Amounts =				1055.5	
						RPD = 8.05	
$ 11 DCB Decachlorobiphenyl							
1	10.501	10.497	0.004	202805756	100.0	97.9	
2	8.977	8.983	-0.006	311996330	100.0	106.1	
						RPD = 8.05	
S 12 Polychlorinated biphenyls, Total							
1						973.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

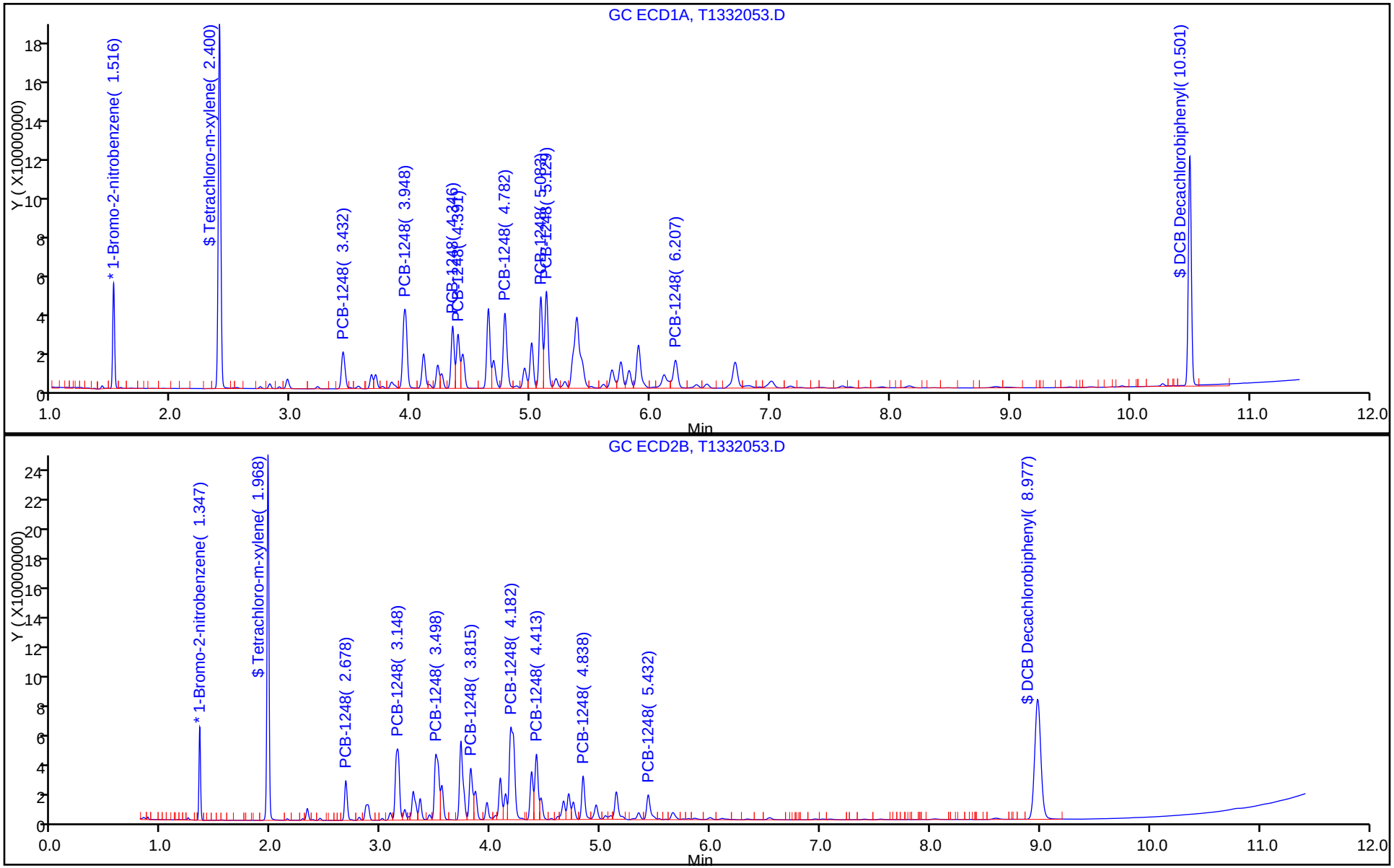
SG1248L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Aug-2016 10:15:07 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332053.D

Injection Date:	23-Aug-2016 09:49:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCV 460-386235/12 Calibration Date: 08/23/2016 09:49

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 19:00

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 19:00

Lab File ID: T1332053.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	0.0138	0.0134		967	1000	-3.3	20.0
PCB-1248 Peak 2	Ave	0.0344	0.0334		972	1000	-2.8	20.0
PCB-1248 Peak 3	Ave	0.0205	0.0198		967	1000	-3.3	20.0
PCB-1248 Peak 4	Ave	0.0187	0.0181		971	1000	-2.9	20.0
PCB-1248 Peak 5	Ave	0.0295	0.0288		978	1000	-2.2	20.0
PCB-1248 Peak 6	Ave	0.0315	0.0303		960	1000	-4.0	20.0
PCB-1248 Peak 7	Ave	0.0343	0.0339		988	1000	-1.2	20.0
PCB-1248 Peak 8	Ave	0.0133	0.0132		987	1000	-1.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCV 460-386235/12 Calibration Date: 08/23/2016 09:49

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 19:00

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 19:00

Lab File ID: T1332053.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	3.43	3.41	3.47
PCB-1248 Peak 2	3.95	3.92	3.98
PCB-1248 Peak 3	4.35	4.32	4.38
PCB-1248 Peak 4	4.39	4.37	4.43
PCB-1248 Peak 5	4.78	4.76	4.82
PCB-1248 Peak 6	5.08	5.06	5.12
PCB-1248 Peak 7	5.13	5.11	5.17
PCB-1248 Peak 8	6.21	6.19	6.25

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332053.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 23-Aug-2016 09:49:44 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:15:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 10:10:41

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	1.516	1.517	-0.001	57900265	20.0	20.0	M
2	1.347	1.347	0.000	61071898	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.402	-0.002	261929085	100.0	102.6	
2	1.968	1.969	-0.001	300614812	100.0	109.6	
						RPD = 6.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 PCB-1248							
1	3.432	3.436	-0.004	38649619	1000.0	966.9	
1	3.948	3.953	-0.005	96815117	1000.0	971.5	
1	4.346	4.352	-0.006	57417342	1000.0	967.0	
1	4.391	4.397	-0.006	52475446	1000.0	971.3	
1	4.782	4.788	-0.006	83492646	1000.0	978.0	
1	5.083	5.090	-0.007	87620575	1000.0	959.8	
1	5.129	5.135	-0.006	98083423	1000.0	988.3	
1	6.207	6.215	-0.008	38080907	1000.0	987.2	
		Average of Peak Amounts =				973.8	
2	2.678	2.684	-0.006	44964697	1000.0	1072.2	
2	3.148	3.155	-0.007	120332648	1000.0	1052.8	
2	3.498	3.504	-0.006	122328776	1000.0	1030.6	
2	3.815	3.820	-0.005	71696287	1000.0	1026.7	
2	4.182	4.185	-0.003	203690221	1000.0	1051.2	
2	4.413	4.419	-0.006	90396648	1000.0	1062.8	
2	4.838	4.844	-0.006	56614100	1000.0	1053.6	
2	5.432	5.435	-0.003	39675602	1000.0	1094.1	
		Average of Peak Amounts =				1055.5	
						RPD = 8.05	
$ 11 DCB Decachlorobiphenyl							
1	10.501	10.497	0.004	202805756	100.0	97.9	
2	8.977	8.983	-0.006	311996330	100.0	106.1	
						RPD = 8.05	
S 12 Polychlorinated biphenyls, Total							
1						973.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

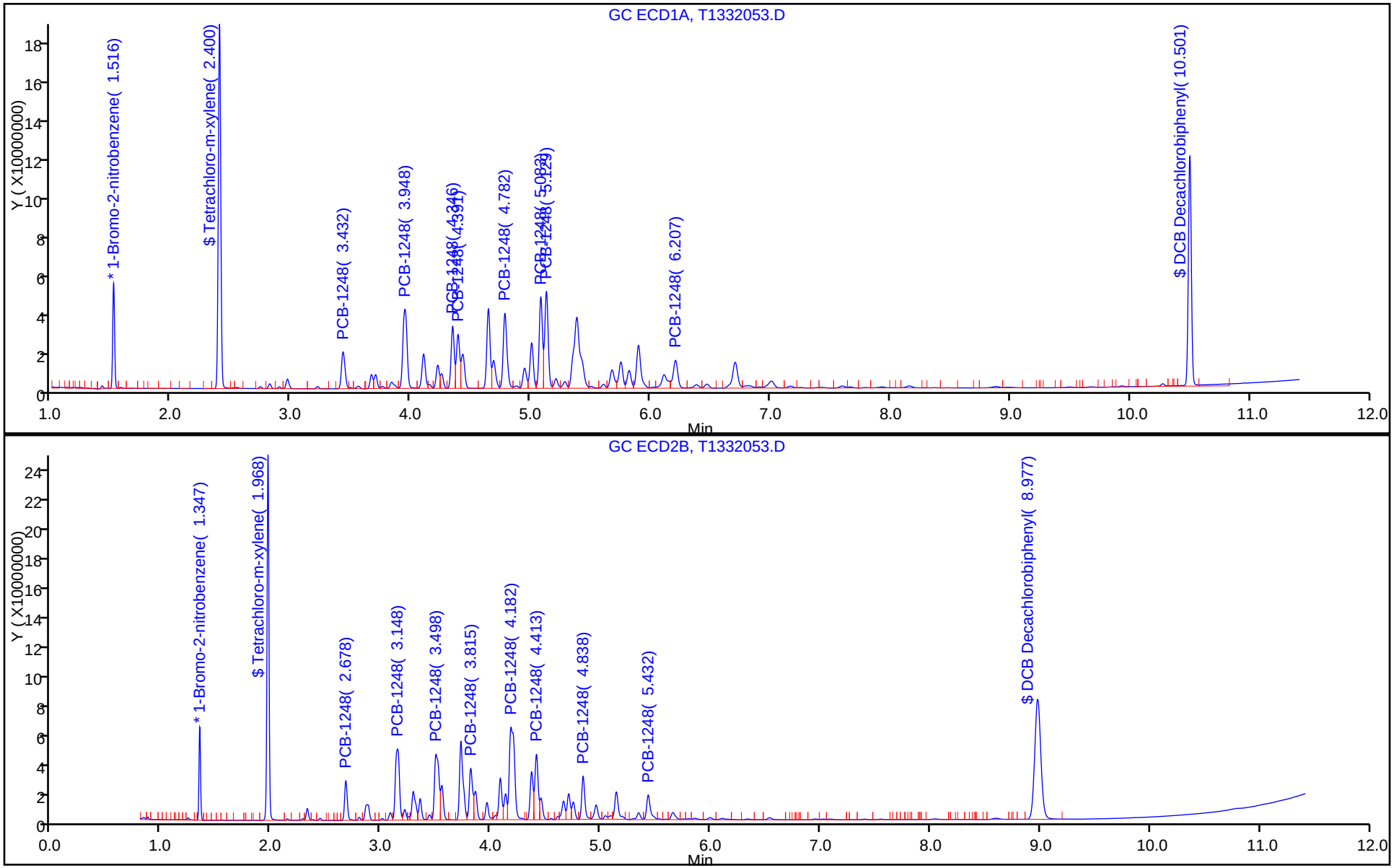
SG1248L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Aug-2016 10:15:07 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332053.D

Injection Date:	23-Aug-2016 09:49:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCV 460-386235/12 Calibration Date: 08/23/2016 09:49

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8978	0.9845		110	100	9.6	20.0
DCB Decachlorobiphenyl	Ave	0.9626	1.022		106	100	6.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCV 460-386235/12 Calibration Date: 08/23/2016 09:49

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332053.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.97	1.94	2.00
DCB Decachlorobiphenyl	8.98	8.88	9.08

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332053.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 23-Aug-2016 09:49:44 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:15:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 10:10:41

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	1.516	1.517	-0.001	57900265	20.0	20.0	M
2	1.347	1.347	0.000	61071898	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.402	-0.002	261929085	100.0	102.6	
2	1.968	1.969	-0.001	300614812	100.0	109.6	
						RPD = 6.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 PCB-1248							
1	3.432	3.436	-0.004	38649619	1000.0	966.9	
1	3.948	3.953	-0.005	96815117	1000.0	971.5	
1	4.346	4.352	-0.006	57417342	1000.0	967.0	
1	4.391	4.397	-0.006	52475446	1000.0	971.3	
1	4.782	4.788	-0.006	83492646	1000.0	978.0	
1	5.083	5.090	-0.007	87620575	1000.0	959.8	
1	5.129	5.135	-0.006	98083423	1000.0	988.3	
1	6.207	6.215	-0.008	38080907	1000.0	987.2	
		Average of Peak Amounts =				973.8	
2	2.678	2.684	-0.006	44964697	1000.0	1072.2	
2	3.148	3.155	-0.007	120332648	1000.0	1052.8	
2	3.498	3.504	-0.006	122328776	1000.0	1030.6	
2	3.815	3.820	-0.005	71696287	1000.0	1026.7	
2	4.182	4.185	-0.003	203690221	1000.0	1051.2	
2	4.413	4.419	-0.006	90396648	1000.0	1062.8	
2	4.838	4.844	-0.006	56614100	1000.0	1053.6	
2	5.432	5.435	-0.003	39675602	1000.0	1094.1	
		Average of Peak Amounts =				1055.5	
						RPD = 8.05	
$ 11 DCB Decachlorobiphenyl							
1	10.501	10.497	0.004	202805756	100.0	97.9	
2	8.977	8.983	-0.006	311996330	100.0	106.1	
						RPD = 8.05	
S 12 Polychlorinated biphenyls, Total							
1						973.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

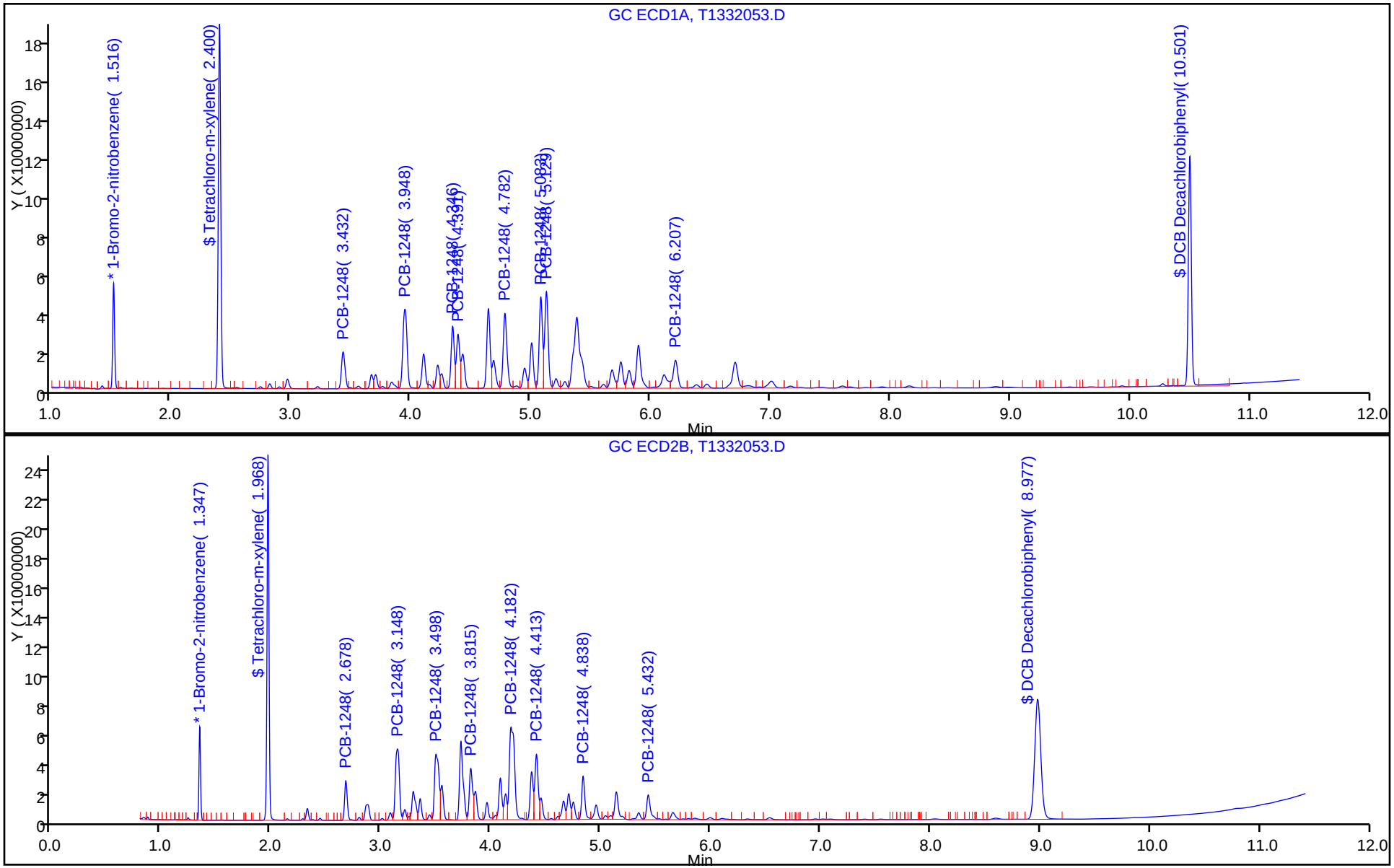
SG1248L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Aug-2016 10:15:07 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332053.D

Injection Date:	23-Aug-2016 09:49:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCV 460-386235/12 Calibration Date: 08/23/2016 09:49

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 19:00

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 19:00

Lab File ID: T1332053.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	0.0137	0.0147		1070	1000	7.2	20.0
PCB-1248 Peak 2	Ave	0.0374	0.0394		1050	1000	5.3	20.0
PCB-1248 Peak 3	Ave	0.0389	0.0401		1030	1000	3.1	20.0
PCB-1248 Peak 4	Ave	0.0229	0.0235		1030	1000	2.7	20.0
PCB-1248 Peak 5	Ave	0.0635	0.0667		1050	1000	5.1	20.0
PCB-1248 Peak 6	Ave	0.0279	0.0296		1060	1000	6.3	20.0
PCB-1248 Peak 7	Ave	0.0176	0.0185		1050	1000	5.4	20.0
PCB-1248 Peak 8	Ave	0.0119	0.0130		1090	1000	9.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCV 460-386235/12 Calibration Date: 08/23/2016 09:49

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 19:00

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 19:00

Lab File ID: T1332053.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.68	2.65	2.71
PCB-1248 Peak 2	3.15	3.13	3.19
PCB-1248 Peak 3	3.50	3.47	3.53
PCB-1248 Peak 4	3.82	3.79	3.85
PCB-1248 Peak 5	4.18	4.16	4.22
PCB-1248 Peak 6	4.41	4.39	4.45
PCB-1248 Peak 7	4.84	4.81	4.87
PCB-1248 Peak 8	5.43	5.41	5.47

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332053.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 23-Aug-2016 09:49:44 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:15:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 10:10:41

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	1.516	1.517	-0.001	57900265	20.0	20.0	M
2	1.347	1.347	0.000	61071898	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.402	-0.002	261929085	100.0	102.6	
2	1.968	1.969	-0.001	300614812	100.0	109.6	
						RPD = 6.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 PCB-1248							
1	3.432	3.436	-0.004	38649619	1000.0	966.9	
1	3.948	3.953	-0.005	96815117	1000.0	971.5	
1	4.346	4.352	-0.006	57417342	1000.0	967.0	
1	4.391	4.397	-0.006	52475446	1000.0	971.3	
1	4.782	4.788	-0.006	83492646	1000.0	978.0	
1	5.083	5.090	-0.007	87620575	1000.0	959.8	
1	5.129	5.135	-0.006	98083423	1000.0	988.3	
1	6.207	6.215	-0.008	38080907	1000.0	987.2	
		Average of Peak Amounts =				973.8	
2	2.678	2.684	-0.006	44964697	1000.0	1072.2	
2	3.148	3.155	-0.007	120332648	1000.0	1052.8	
2	3.498	3.504	-0.006	122328776	1000.0	1030.6	
2	3.815	3.820	-0.005	71696287	1000.0	1026.7	
2	4.182	4.185	-0.003	203690221	1000.0	1051.2	
2	4.413	4.419	-0.006	90396648	1000.0	1062.8	
2	4.838	4.844	-0.006	56614100	1000.0	1053.6	
2	5.432	5.435	-0.003	39675602	1000.0	1094.1	
		Average of Peak Amounts =				1055.5	
						RPD = 8.05	
$ 11 DCB Decachlorobiphenyl							
1	10.501	10.497	0.004	202805756	100.0	97.9	
2	8.977	8.983	-0.006	311996330	100.0	106.1	
						RPD = 8.05	
S 12 Polychlorinated biphenyls, Total							
1						973.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

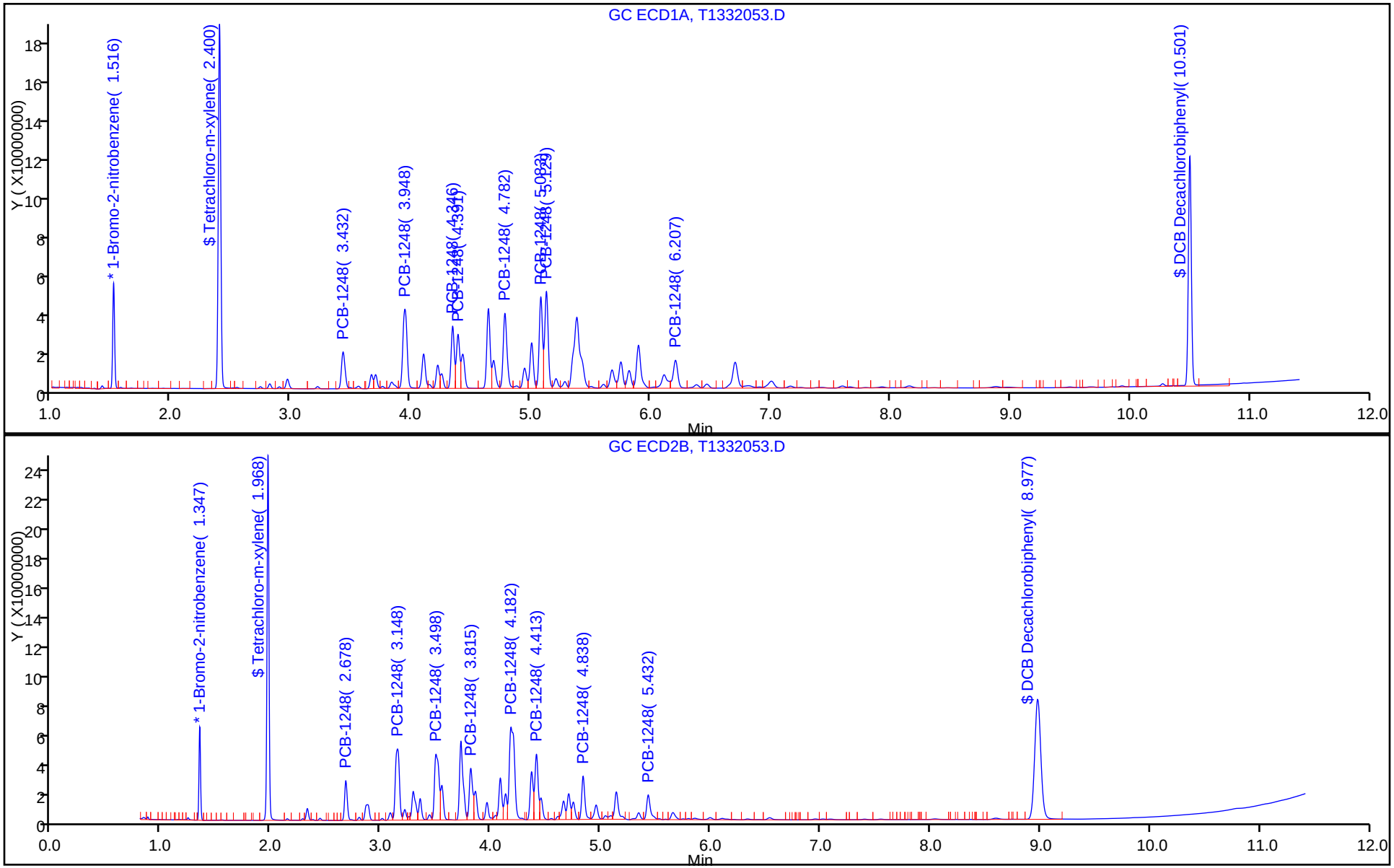
SG1248L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Aug-2016 10:15:07 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332053.D

Injection Date:	23-Aug-2016 09:49:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCVIS 460-386235/23 Calibration Date: 08/23/2016 12:51

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332064.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	0.0164	0.0148		901	1000	-9.9	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0294		909	1000	-9.1	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0126		892	1000	-10.8	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0635		962	1000	-3.8	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0266		956	1000	-4.4	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0143		997	1000	-0.3	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0217		977	1000	-2.3	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0244		995	1000	-0.5	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0211		996	1000	-0.4	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0436		979	1000	-2.1	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0500		963	1000	-3.7	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0411		984	1000	-1.6	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0450		975	1000	-2.5	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0936		967	1000	-3.3	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0697		961	1000	-3.9	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0263		982	1000	-1.8	20.0
Tetrachloro-m-xylene	Ave	0.8815	0.8364		94.9	100	-5.1	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.7017		98.1	100	-1.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCVIS 460-386235/23 Calibration Date: 08/23/2016 12:51

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332064.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.98	2.94	3.00
PCB-1016 Peak 2	3.44	3.41	3.47
PCB-1016 Peak 3	3.71	3.68	3.74
PCB-1016 Peak 4	3.96	3.92	3.98
PCB-1016 Peak 5	4.12	4.08	4.14
PCB-1016 Peak 6	4.36	4.32	4.38
PCB-1016 Peak 7	4.65	4.62	4.68
PCB-1016 Peak 8	4.79	4.76	4.82
PCB-1260 Peak 1	5.96	5.92	5.98
PCB-1260 Peak 2	6.17	6.13	6.19
PCB-1260 Peak 3	6.48	6.44	6.50
PCB-1260 Peak 4	7.18	7.14	7.20
PCB-1260 Peak 5	7.68	7.64	7.70
PCB-1260 Peak 6	8.17	8.14	8.20
PCB-1260 Peak 7	8.90	8.86	8.92
PCB-1260 Peak 8	9.94	9.91	9.97
Tetrachloro-m-xylene	2.41	2.37	2.43
DCB Decachlorobiphenyl	10.52	10.47	10.53

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332064.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 23-Aug-2016 12:51:45 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-023
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:44:38

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	1.520	1.517	0.003	40178168	20.0	20.0	M
2	1.344	1.347	-0.003	42624136	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.406	2.402	0.004	168033084	100.0	94.9	
2	1.965	1.969	-0.004	201848635	100.0	105.5	
						RPD = 10.58	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.975	2.969	0.006	29749308	1000.0	900.7	
1	3.440	3.436	0.004	59096876	1000.0	909.4	
1	3.711	3.706	0.005	25247277	1000.0	892.3	
1	3.960	3.954	0.006	127567434	1000.0	962.1	
1	4.115	4.109	0.006	53464821	1000.0	956.4	
1	4.355	4.350	0.005	28660737	1000.0	997.3	
1	4.654	4.649	0.005	43612369	1000.0	977.2	
1	4.792	4.786	0.006	49096273	1000.0	994.8	
		Average of Peak Amounts =				948.8	
2	2.321	2.326	-0.005	35539000	1000.0	1004.9	M
2	2.675	2.679	-0.004	69666478	1000.0	1008.5	M
2	2.877	2.880	-0.003	46080403	1000.0	999.2	M
2	3.150	3.152	-0.002	150325919	1000.0	979.4	M
2	3.289	3.291	-0.002	62862220	1000.0	991.5	M
2	3.352	3.356	-0.004	38352381	1000.0	979.4	M
2	3.725	3.727	-0.002	63792454	1000.0	992.6	M
2	3.815	3.816	-0.001	40432120	1000.0	1127.3	M
		Average of Peak Amounts =				1010.3	
						RPD = 6.29	
8 PCB-1260							M
1	5.959	5.952	0.007	42313269	1000.0	995.9	
1	6.171	6.164	0.007	87484826	1000.0	979.1	
1	6.480	6.472	0.008	100508812	1000.0	962.5	
1	7.178	7.171	0.007	82627428	1000.0	984.0	
1	7.679	7.671	0.008	90298682	1000.0	975.3	
1	8.171	8.165	0.006	188052603	1000.0	967.3	
1	8.896	8.889	0.007	139949301	1000.0	961.3	
1	9.944	9.936	0.008	52896923	1000.0	982.0	
		Average of Peak Amounts =				975.9	
2	5.041	5.043	-0.002	97857067	1000.0	1058.0	M
2	5.655	5.656	-0.001	171701596	1000.0	1074.7	M
2	5.800	5.800	0.000	100599658	1000.0	1032.8	M
2	6.105	6.105	0.000	100592621	1000.0	1017.1	M
2	6.539	6.540	-0.001	245824692	1000.0	1121.3	M
2	6.953	6.952	0.001	112901158	1000.0	1000.4	
2	7.094	7.094	0.000	69737931	1000.0	1084.0	
2	8.046	8.043	0.003	71129931	1000.0	1123.3	
		Average of Peak Amounts =				1064.0	
						RPD = 8.63	
$ 11 DCB Decachlorobiphenyl							
1	10.515	10.497	0.018	140954502	100.0	98.1	
2	8.983	8.983	0.000	214979513	100.0	104.8	
						RPD = 6.61	
S 12 Polychlorinated biphenyls, Total							
1						1924.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

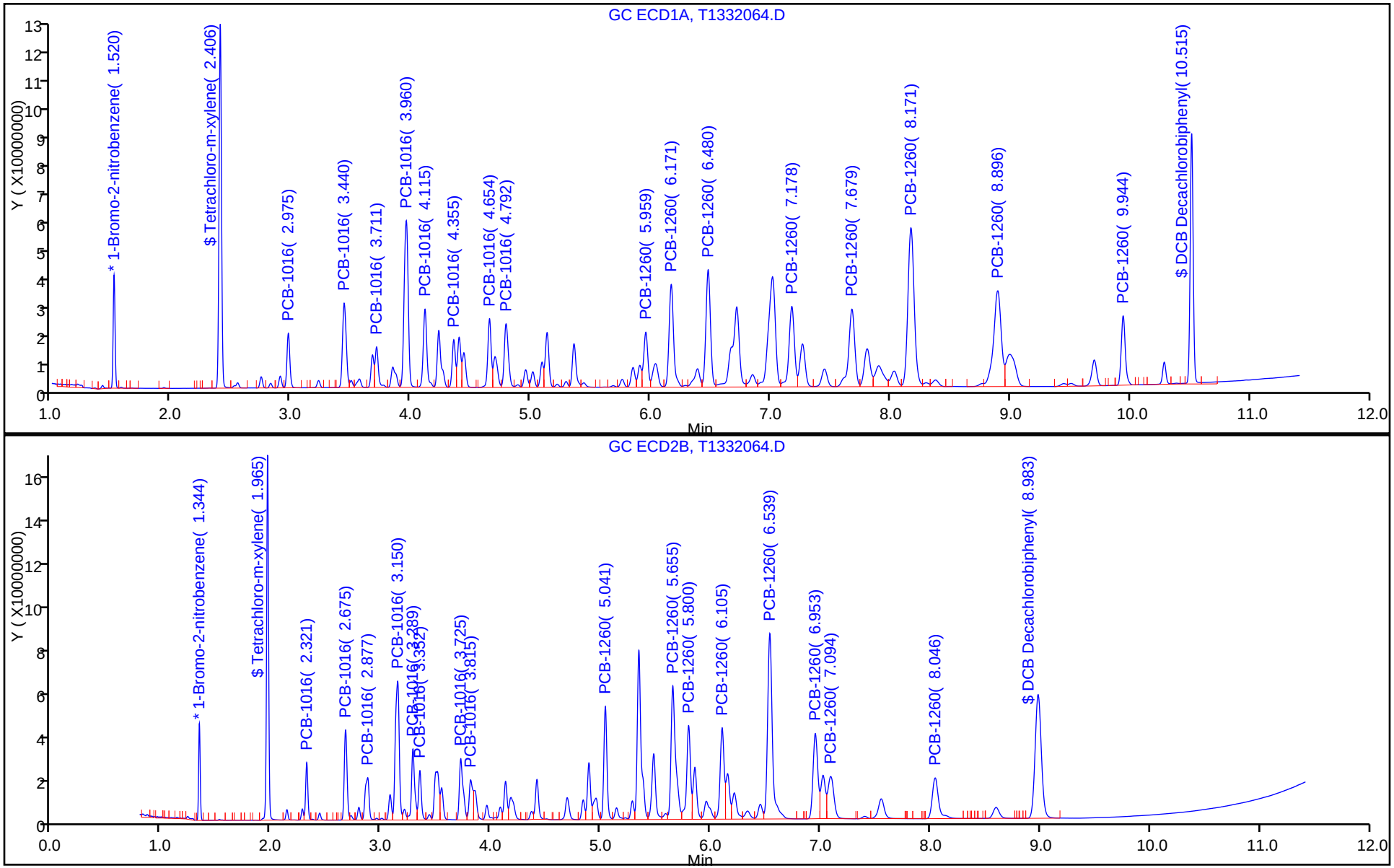
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 23-Aug-2016 14:42:37 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332064.D

Injection Date:	23-Aug-2016 12:51:45	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	23
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCVIS 460-386235/23 Calibration Date: 08/23/2016 12:51

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332064.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	0.0166	0.0167		1000	1000	0.5	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0327		1010	1000	0.9	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0216		999	1000	-0.0	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0705		979	1000	-2.1	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0295		991	1000	-0.9	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0180		979	1000	-2.1	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0299		993	1000	-0.7	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0190		1130	1000	12.7	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0459		1060	1000	5.8	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0806		1070	1000	7.5	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0472		1030	1000	3.3	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0472		1020	1000	1.7	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1154		1120	1000	12.1	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0530		1000	1000	0.0	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0327		1080	1000	8.4	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0334		1120	1000	12.3	20.0
Tetrachloro-m-xylene	Ave	0.8978	0.9471		105	100	5.5	20.0
DCB Decachlorobiphenyl	Ave	0.9626	1.009		105	100	4.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Lab Sample ID: CCVIS 460-386235/23 Calibration Date: 08/23/2016 12:51

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1332064.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.32	2.30	2.36
PCB-1016 Peak 2	2.68	2.65	2.71
PCB-1016 Peak 3	2.88	2.85	2.91
PCB-1016 Peak 4	3.15	3.12	3.18
PCB-1016 Peak 5	3.29	3.26	3.32
PCB-1016 Peak 6	3.35	3.33	3.39
PCB-1016 Peak 7	3.73	3.70	3.76
PCB-1016 Peak 8	3.82	3.79	3.85
PCB-1260 Peak 1	5.04	5.01	5.07
PCB-1260 Peak 2	5.66	5.63	5.69
PCB-1260 Peak 3	5.80	5.77	5.83
PCB-1260 Peak 4	6.11	6.08	6.14
PCB-1260 Peak 5	6.54	6.51	6.57
PCB-1260 Peak 6	6.95	6.92	6.98
PCB-1260 Peak 7	7.09	7.06	7.12
PCB-1260 Peak 8	8.05	8.01	8.07
Tetrachloro-m-xylene	1.97	1.94	2.00
DCB Decachlorobiphenyl	8.98	8.88	9.08

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332064.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 23-Aug-2016 12:51:45 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0044748-023
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:44:38

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	1.520	1.517	0.003	40178168	20.0	20.0	M
2	1.344	1.347	-0.003	42624136	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.406	2.402	0.004	168033084	100.0	94.9	
2	1.965	1.969	-0.004	201848635	100.0	105.5	
						RPD = 10.58	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.975	2.969	0.006	29749308	1000.0	900.7	
1	3.440	3.436	0.004	59096876	1000.0	909.4	
1	3.711	3.706	0.005	25247277	1000.0	892.3	
1	3.960	3.954	0.006	127567434	1000.0	962.1	
1	4.115	4.109	0.006	53464821	1000.0	956.4	
1	4.355	4.350	0.005	28660737	1000.0	997.3	
1	4.654	4.649	0.005	43612369	1000.0	977.2	
1	4.792	4.786	0.006	49096273	1000.0	994.8	
		Average of Peak Amounts =				948.8	
2	2.321	2.326	-0.005	35539000	1000.0	1004.9	M
2	2.675	2.679	-0.004	69666478	1000.0	1008.5	M
2	2.877	2.880	-0.003	46080403	1000.0	999.2	M
2	3.150	3.152	-0.002	150325919	1000.0	979.4	M
2	3.289	3.291	-0.002	62862220	1000.0	991.5	M
2	3.352	3.356	-0.004	38352381	1000.0	979.4	M
2	3.725	3.727	-0.002	63792454	1000.0	992.6	M
2	3.815	3.816	-0.001	40432120	1000.0	1127.3	M
		Average of Peak Amounts =				1010.3	
						RPD = 6.29	
8 PCB-1260							M
1	5.959	5.952	0.007	42313269	1000.0	995.9	
1	6.171	6.164	0.007	87484826	1000.0	979.1	
1	6.480	6.472	0.008	100508812	1000.0	962.5	
1	7.178	7.171	0.007	82627428	1000.0	984.0	
1	7.679	7.671	0.008	90298682	1000.0	975.3	
1	8.171	8.165	0.006	188052603	1000.0	967.3	
1	8.896	8.889	0.007	139949301	1000.0	961.3	
1	9.944	9.936	0.008	52896923	1000.0	982.0	
		Average of Peak Amounts =				975.9	
2	5.041	5.043	-0.002	97857067	1000.0	1058.0	M
2	5.655	5.656	-0.001	171701596	1000.0	1074.7	M
2	5.800	5.800	0.000	100599658	1000.0	1032.8	M
2	6.105	6.105	0.000	100592621	1000.0	1017.1	M
2	6.539	6.540	-0.001	245824692	1000.0	1121.3	M
2	6.953	6.952	0.001	112901158	1000.0	1000.4	
2	7.094	7.094	0.000	69737931	1000.0	1084.0	
2	8.046	8.043	0.003	71129931	1000.0	1123.3	
		Average of Peak Amounts =				1064.0	
						RPD = 8.63	
$ 11 DCB Decachlorobiphenyl							
1	10.515	10.497	0.018	140954502	100.0	98.1	
2	8.983	8.983	0.000	214979513	100.0	104.8	
						RPD = 6.61	
S 12 Polychlorinated biphenyls, Total							
1						1924.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

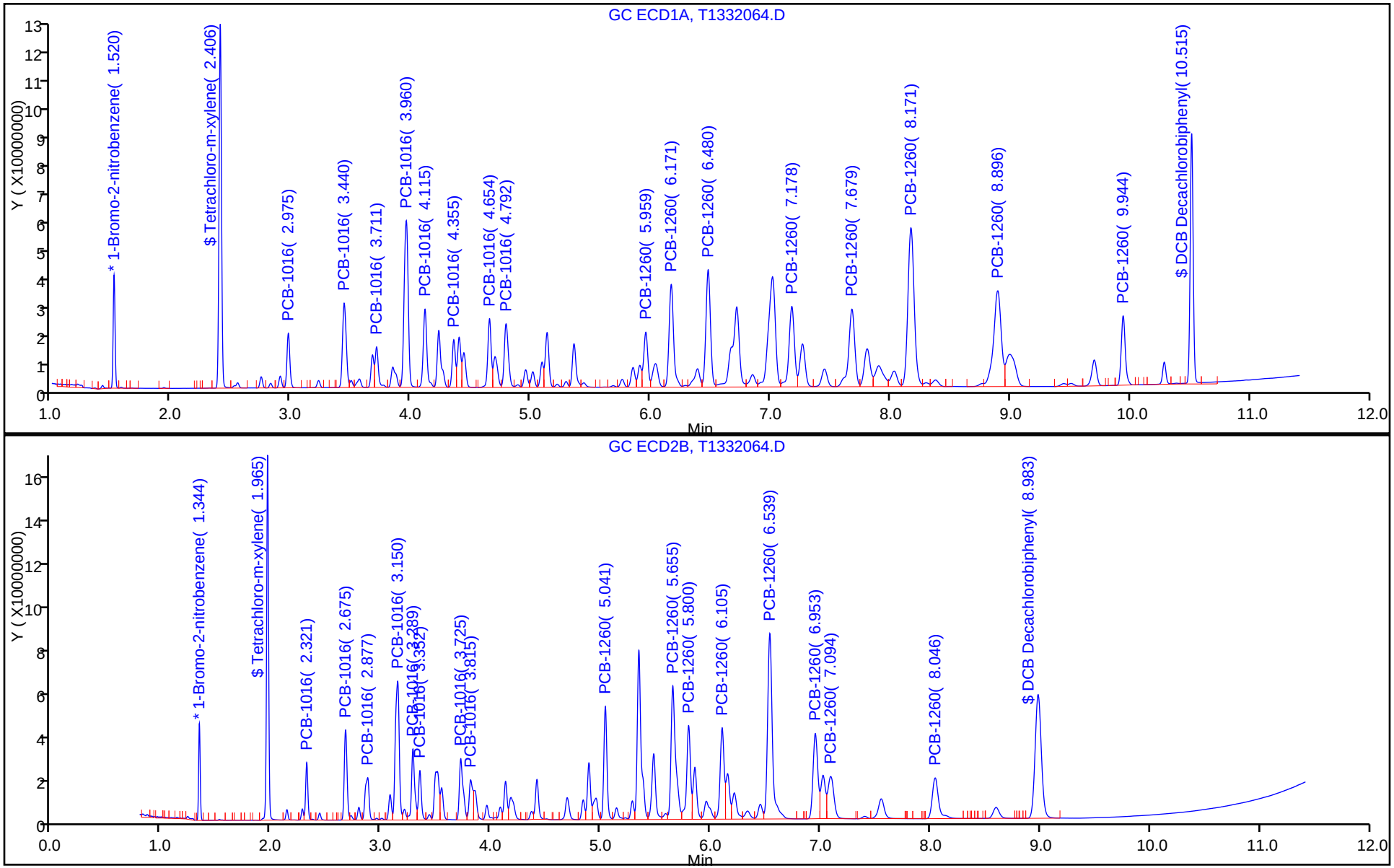
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 23-Aug-2016 14:42:38 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332064.D

Injection Date:	23-Aug-2016 12:51:45	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	23
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-386170/1-A

Matrix: Solid | Lab File ID: T1332044.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 08/23/2016 07:35

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.: 386235 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332044.D
Lims ID: MB 460-386170/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Aug-2016 07:35:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:34

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	1.520	1.517	0.003	37789205	20.0	20.0	
2	1.344	1.347	-0.003	38330897	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.406	2.402	0.004	84767291	50.0	50.9	
2	1.965	1.969	-0.004	97456555	50.0	56.6	
						RPD = 10.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.507	10.497	0.010	69146492	50.0	51.2	
2	8.983	8.983	0.000	107082638	50.0	58.0	
						RPD = 12.61	

Reagents:

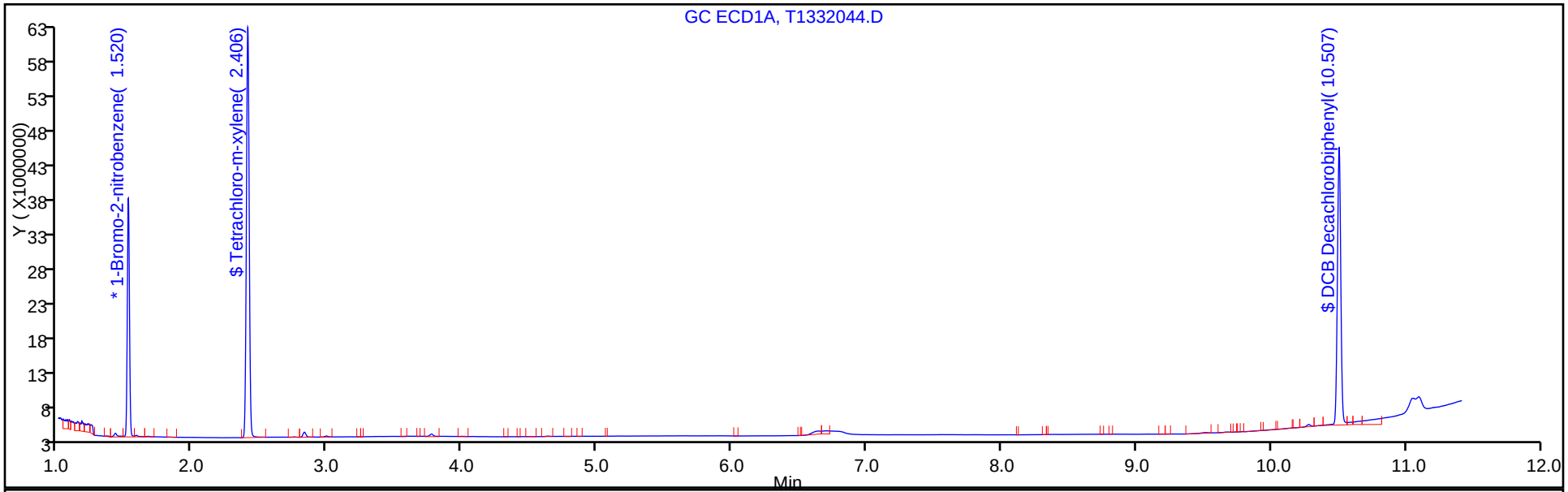
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

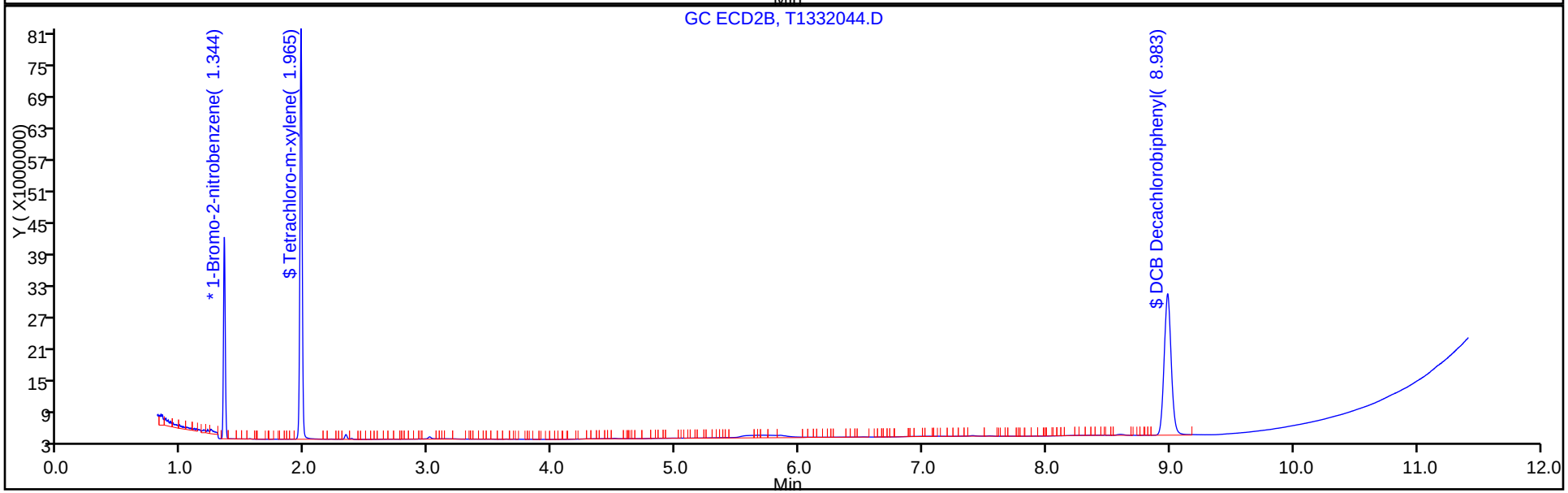
Report Date: 23-Aug-2016 10:14:42 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332044.D

Injection Date:	23-Aug-2016 07:35:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-386170/1-A			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		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-386170/1-A

Matrix: Solid | Lab File ID: T1332044.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 08/23/2016 07:35

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.: 386235 | 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	116		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332044.D
Lims ID: MB 460-386170/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Aug-2016 07:35:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:34

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	1.520	1.517	0.003	37789205	20.0	20.0	
2	1.344	1.347	-0.003	38330897	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.406	2.402	0.004	84767291	50.0	50.9	
2	1.965	1.969	-0.004	97456555	50.0	56.6	
						RPD = 10.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.507	10.497	0.010	69146492	50.0	51.2	
2	8.983	8.983	0.000	107082638	50.0	58.0	
						RPD = 12.61	

Reagents:

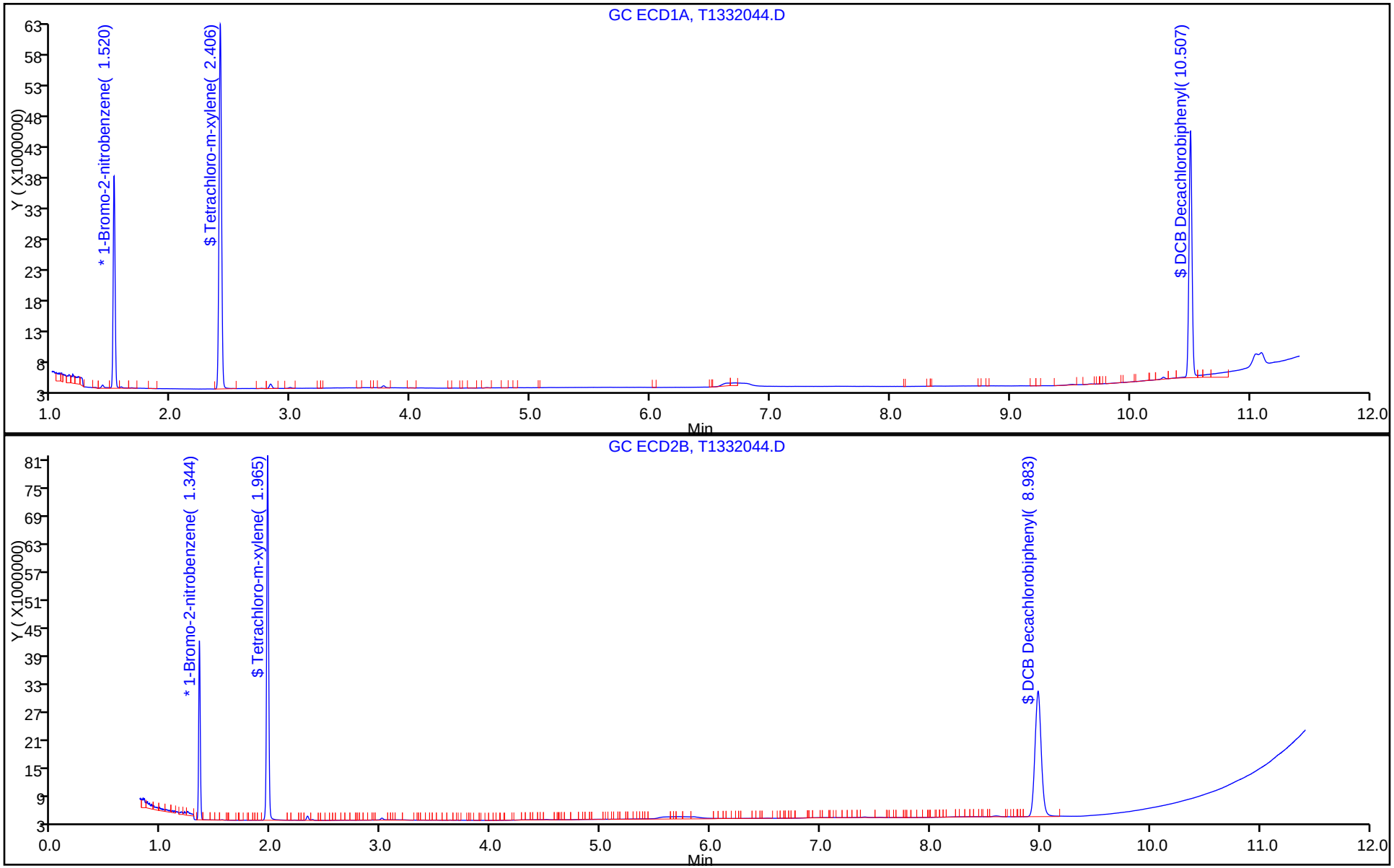
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Aug-2016 10:14:42 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332044.D

Injection Date:	23-Aug-2016 07:35:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-386170/1-A			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		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-386170/2-A

Matrix: Solid | Lab File ID: T1332045.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 08/23/2016 07:50

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.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*428*		*67*	*8.9*
11096-82-5	*Aroclor 1260*	*424*		*67*	*9.2*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D
Lims ID: LCS 460-386170/2-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Aug-2016 07:50:38 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:45

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	1.517	1.517	0.000	38302377	20.0	20.0	
2	1.347	1.347	0.000	39820983	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.402	-0.002	92356758	50.0	54.7	
2	1.968	1.969	-0.001	105224228	50.0	58.9	
						RPD = 7.32	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.967	2.969	-0.002	20157834	500.0	640.2	
1	3.433	3.436	-0.003	39677957	500.0	640.5	
1	3.704	3.706	-0.002	16749965	500.0	621.0	
1	3.950	3.954	-0.004	80811415	500.0	639.3	
1	4.107	4.109	-0.002	33991068	500.0	637.8	
1	4.348	4.350	-0.002	18213938	500.0	664.8	
1	4.647	4.649	-0.002	27054162	500.0	635.9	
1	4.784	4.786	-0.002	30874124	500.0	656.2	
		Average of Peak Amounts =				642.0	
2	2.324	2.326	-0.002	22870673	500.0	692.2	
2	2.678	2.679	-0.001	45383623	500.0	703.2	
2	2.878	2.880	-0.002	30693176	500.0	712.4	
2	3.151	3.152	-0.001	99879346	500.0	696.5	
2	3.291	3.291	0.000	41066207	500.0	693.3	
2	3.355	3.356	-0.001	24766274	500.0	677.0	
2	3.727	3.727	0.000	40128392	500.0	668.3	
2	3.816	3.816	0.000	25007941	500.0	746.3	M
		Average of Peak Amounts =				698.7	
						RPD = 8.46	
8 PCB-1260							
1	5.949	5.952	-0.003	26549320	500.0	655.5	
1	6.162	6.164	-0.002	54801975	500.0	643.3	
1	6.470	6.472	-0.002	63609105	500.0	639.0	
1	7.168	7.171	-0.003	51271038	500.0	640.5	
1	7.668	7.671	-0.003	55914083	500.0	633.5	
1	8.161	8.165	-0.004	116024737	500.0	626.0	
1	8.883	8.889	-0.006	86197166	500.0	621.1	
1	9.933	9.936	-0.003	32393267	500.0	630.8	
		Average of Peak Amounts =				636.2	
2	5.042	5.043	-0.001	59727306	500.0	691.2	
2	5.656	5.656	0.000	103877938	500.0	696.0	
2	5.800	5.800	0.000	59560074	500.0	654.5	
2	6.104	6.105	-0.001	61059014	500.0	660.8	
2	6.537	6.540	-0.003	151446080	500.0	739.4	
2	6.952	6.952	0.000	67080702	500.0	636.2	
2	7.093	7.094	-0.001	43086753	500.0	716.9	
2	8.043	8.043	0.000	43861030	500.0	741.4	
		Average of Peak Amounts =				692.1	
						RPD = 8.41	
$ 11 DCB Decachlorobiphenyl							
1	10.497	10.497	0.000	71661770	50.0	52.3	
2	8.982	8.983	-0.001	111384281	50.0	58.1	
						RPD = 10.52	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

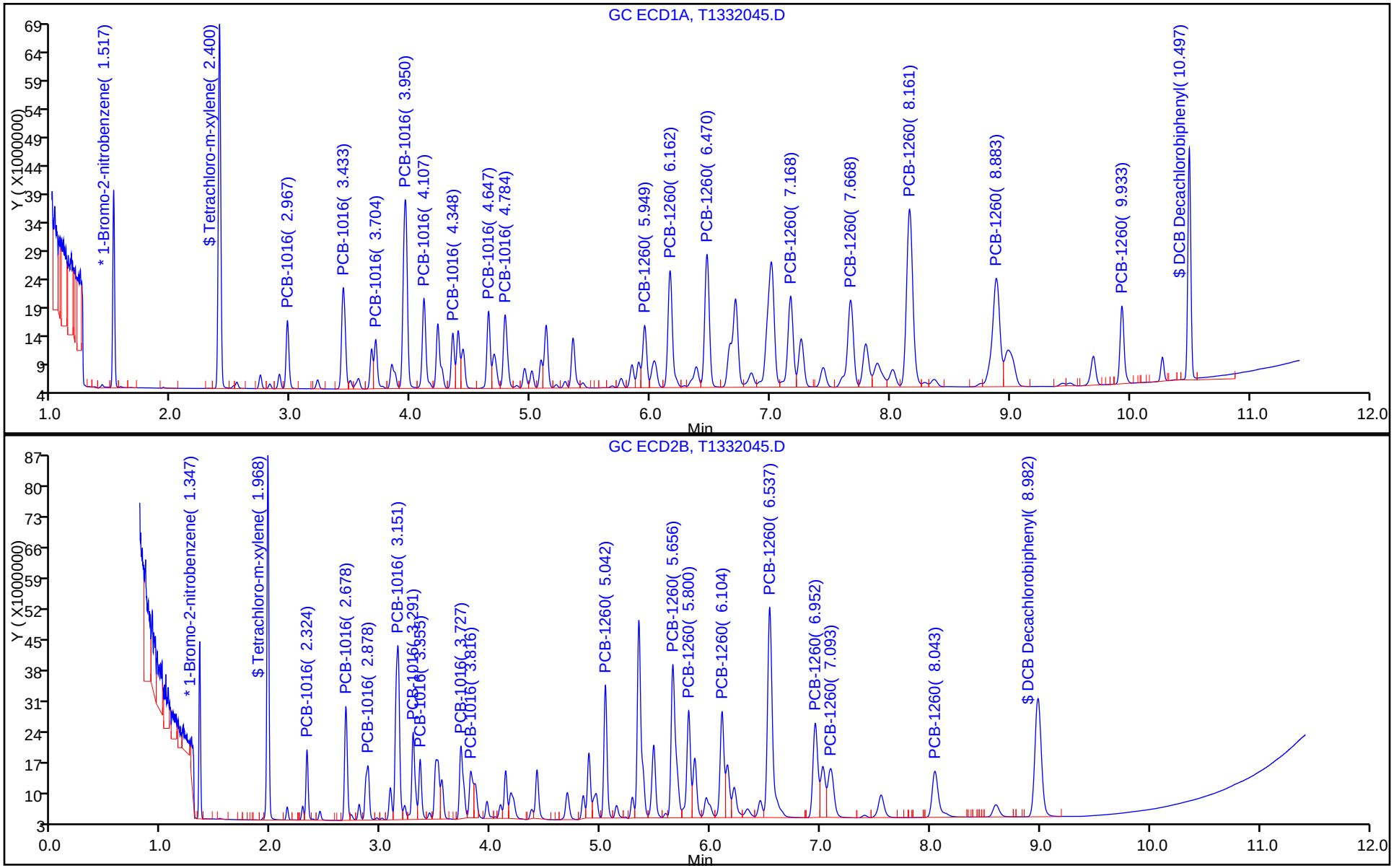
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Aug-2016 10:14:43 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D

Injection Date:	23-Aug-2016 07:50:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-386170/2-A			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		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-386170/2-A

Matrix: Solid | Lab File ID: T1332045.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 08/23/2016 07:50

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.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	466		67	8.9
11096-82-5	Aroclor 1260	461		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D
Lims ID: LCS 460-386170/2-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Aug-2016 07:50:38 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:45

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	1.517	1.517	0.000	38302377	20.0	20.0	
2	1.347	1.347	0.000	39820983	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.402	-0.002	92356758	50.0	54.7	
2	1.968	1.969	-0.001	105224228	50.0	58.9	
						RPD = 7.32	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.967	2.969	-0.002	20157834	500.0	640.2	
1	3.433	3.436	-0.003	39677957	500.0	640.5	
1	3.704	3.706	-0.002	16749965	500.0	621.0	
1	3.950	3.954	-0.004	80811415	500.0	639.3	
1	4.107	4.109	-0.002	33991068	500.0	637.8	
1	4.348	4.350	-0.002	18213938	500.0	664.8	
1	4.647	4.649	-0.002	27054162	500.0	635.9	
1	4.784	4.786	-0.002	30874124	500.0	656.2	
		Average of Peak Amounts =				642.0	
2	2.324	2.326	-0.002	22870673	500.0	692.2	
2	2.678	2.679	-0.001	45383623	500.0	703.2	
2	2.878	2.880	-0.002	30693176	500.0	712.4	
2	3.151	3.152	-0.001	99879346	500.0	696.5	
2	3.291	3.291	0.000	41066207	500.0	693.3	
2	3.355	3.356	-0.001	24766274	500.0	677.0	
2	3.727	3.727	0.000	40128392	500.0	668.3	
2	3.816	3.816	0.000	25007941	500.0	746.3	M
		Average of Peak Amounts =				698.7	
						RPD = 8.46	
8 PCB-1260							
1	5.949	5.952	-0.003	26549320	500.0	655.5	
1	6.162	6.164	-0.002	54801975	500.0	643.3	
1	6.470	6.472	-0.002	63609105	500.0	639.0	
1	7.168	7.171	-0.003	51271038	500.0	640.5	
1	7.668	7.671	-0.003	55914083	500.0	633.5	
1	8.161	8.165	-0.004	116024737	500.0	626.0	
1	8.883	8.889	-0.006	86197166	500.0	621.1	
1	9.933	9.936	-0.003	32393267	500.0	630.8	
		Average of Peak Amounts =				636.2	
2	5.042	5.043	-0.001	59727306	500.0	691.2	
2	5.656	5.656	0.000	103877938	500.0	696.0	
2	5.800	5.800	0.000	59560074	500.0	654.5	
2	6.104	6.105	-0.001	61059014	500.0	660.8	
2	6.537	6.540	-0.003	151446080	500.0	739.4	
2	6.952	6.952	0.000	67080702	500.0	636.2	
2	7.093	7.094	-0.001	43086753	500.0	716.9	
2	8.043	8.043	0.000	43861030	500.0	741.4	
		Average of Peak Amounts =				692.1	
						RPD = 8.41	
$ 11 DCB Decachlorobiphenyl							
1	10.497	10.497	0.000	71661770	50.0	52.3	
2	8.982	8.983	-0.001	111384281	50.0	58.1	
						RPD = 10.52	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

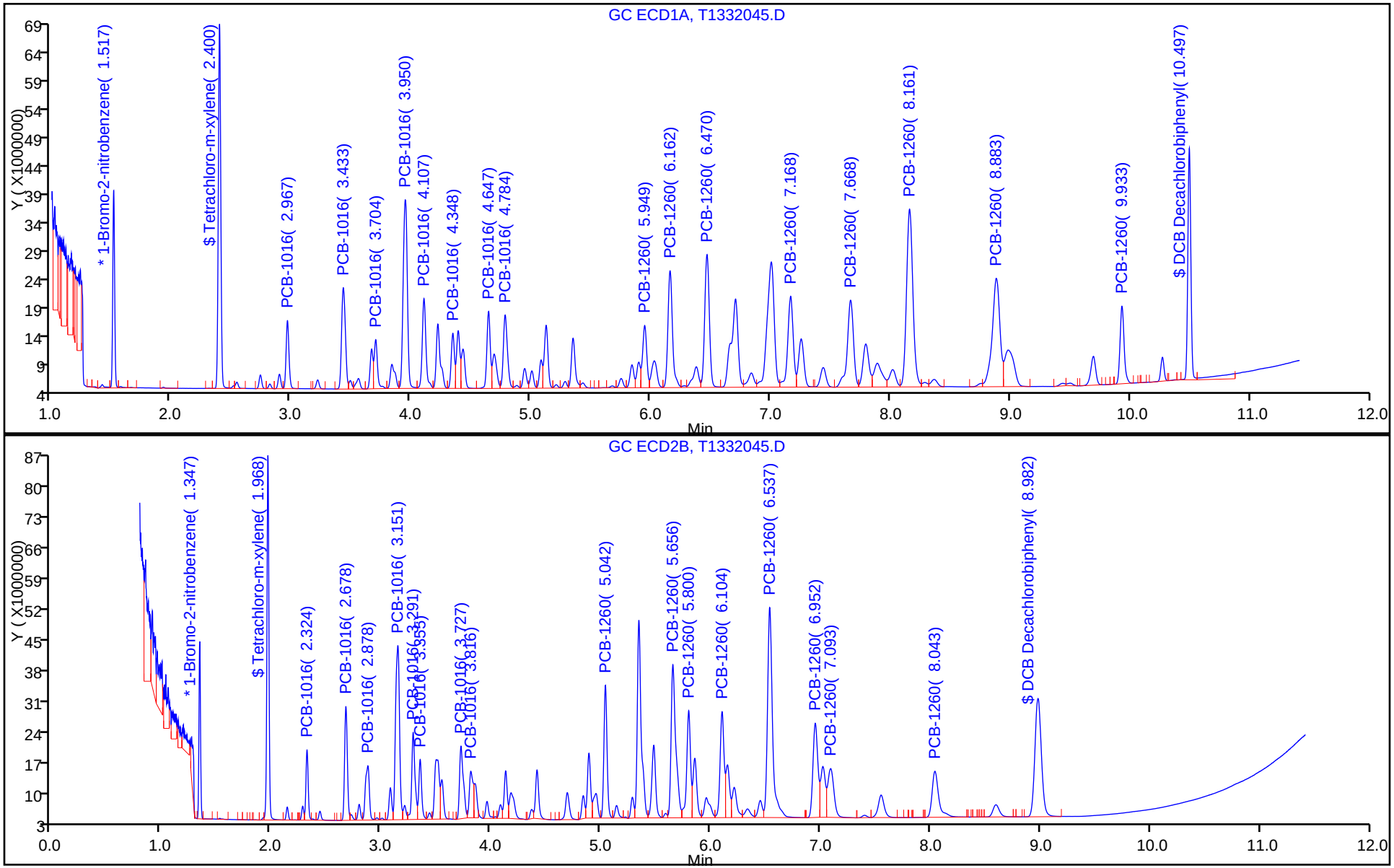
SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Aug-2016 10:14:44 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D

Injection Date:	23-Aug-2016 07:50:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-386170/2-A			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		



Report Date: 23-Aug-2016 10:14:44 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D

Injection Date: 23-Aug-2016 07:50:38 Instrument ID: CPESTGC11

Lims ID: LCS 460-386170/2-A

Client ID:

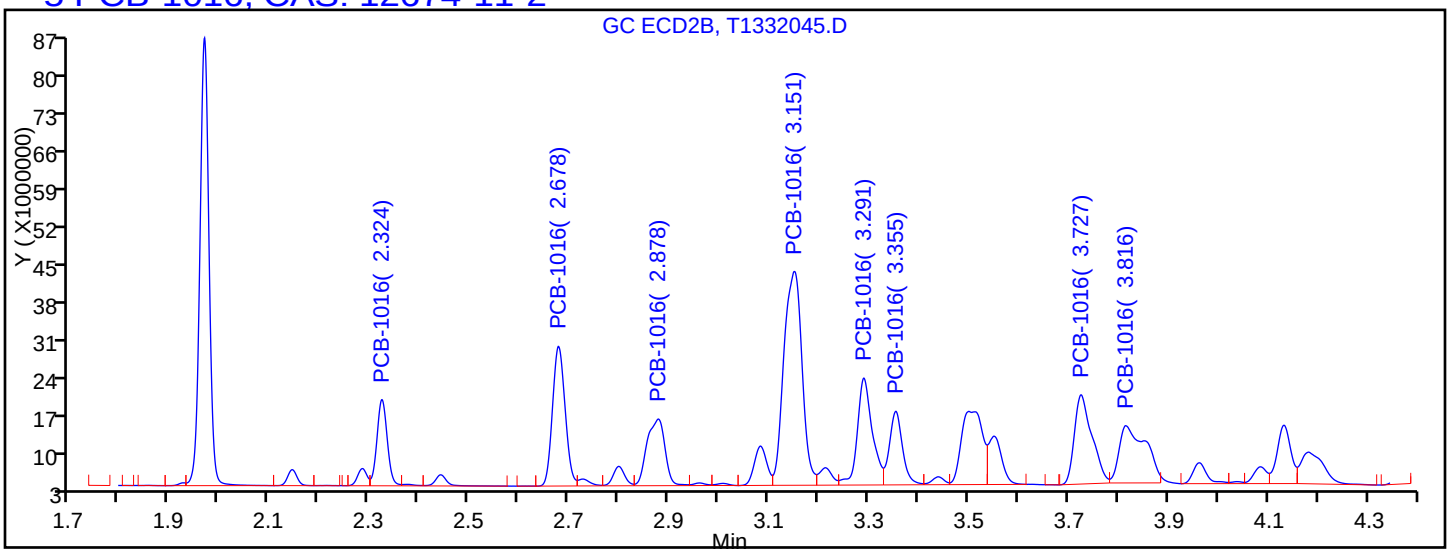
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

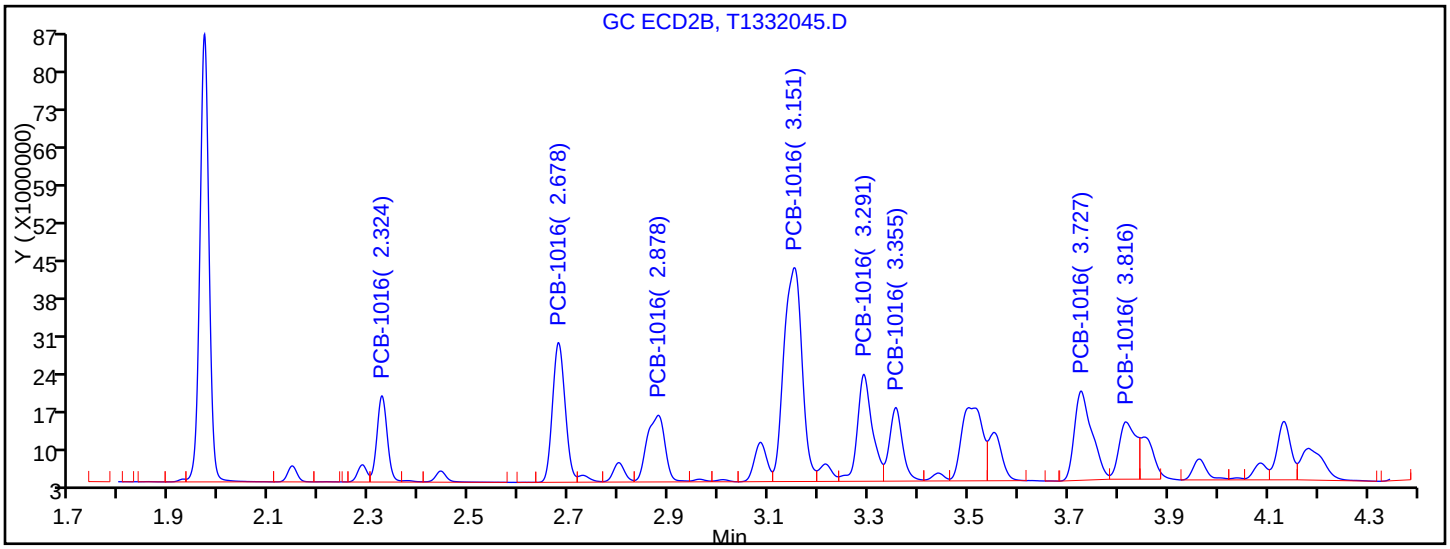
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.324	Response = 22870673	
RT = 2.678	Response = 45383623	
RT = 2.878	Response = 30693176	
RT = 3.151	Response = 99879346	
RT = 3.291	Response = 41066207	
RT = 3.355	Response = 24766274	
RT = 3.727	Response = 40128392	
RT = 3.816	Response = 38919387	M



Manual Integration Results

RT = 2.324	Response = 22870673
RT = 2.678	Response = 45383623
RT = 2.878	Response = 30693176
RT = 3.151	Response = 99879346
RT = 3.291	Response = 41066207
RT = 3.355	Response = 24766274

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 MS | Lab Sample ID: 460-118325-11 MS

Matrix: Solid | Lab File ID: T1332051.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:53

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0113(g) | Date Analyzed: 08/23/2016 09:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1720		370	49
11104-28-2	*Aroclor 1221*	*49*	*U*	*370*	*49*
11141-16-5	*Aroclor 1232*	*49*	*U*	*370*	*49*
53469-21-9	*Aroclor 1242*	*49*	*U*	*370*	*49*
12672-29-6	*Aroclor 1248*	*49*	*U*	*370*	*49*
11097-69-1	*Aroclor 1254*	*51*	*U*	*370*	*51*
11096-82-5	*Aroclor 1260*	*920*		*370*	*51*
37324-23-5	*Aroclor 1262*	*51*	*U*	*370*	*51*
11100-14-4	*Aroclor 1268*	*51*	*U*	*370*	*51*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 MS | Lab Sample ID: 460-118325-11 MS

Matrix: Solid | Lab File ID: T1332051.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:53

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0113(g) | Date Analyzed: 08/23/2016 09:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*1510*		*370*	*49*
11104-28-2	Aroclor 1221	49	U	370	49
11141-16-5	Aroclor 1232	49	U	370	49
53469-21-9	Aroclor 1242	49	U	370	49
12672-29-6	Aroclor 1248	49	U	370	49
11097-69-1	Aroclor 1254	51	U	370	51
11096-82-5	Aroclor 1260	950		370	51
37324-23-5	Aroclor 1262	51	U	370	51
11100-14-4	Aroclor 1268	51	U	370	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 MSD | Lab Sample ID: 460-118325-11 MSD

Matrix: Solid | Lab File ID: T1332052.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:53

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0080(g) | Date Analyzed: 08/23/2016 09:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	2100		370	49
11104-28-2	*Aroclor 1221*	*49*	*U*	*370*	*49*
11141-16-5	*Aroclor 1232*	*49*	*U*	*370*	*49*
53469-21-9	*Aroclor 1242*	*49*	*U*	*370*	*49*
12672-29-6	*Aroclor 1248*	*49*	*U*	*370*	*49*
11097-69-1	*Aroclor 1254*	*51*	*U*	*370*	*51*
11096-82-5	*Aroclor 1260*	*1110*		*370*	*51*
37324-23-5	*Aroclor 1262*	*51*	*U*	*370*	*51*
11100-14-4	*Aroclor 1268*	*51*	*U*	*370*	*51*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118325-2

SDG No.:

Client Sample ID: PRA-P25E3-8.25 MSD | Lab Sample ID: 460-118325-11 MSD

Matrix: Solid | Lab File ID: T1332052.D

Analysis Method: 8082A | Date Collected: 08/08/2016 10:53

Extraction Method: 3546 | Date Extracted: 08/22/2016 22:43

Sample wt/vol: 15.0080(g) | Date Analyzed: 08/23/2016 09:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 386235 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*1830*		*370*	*49*
11104-28-2	Aroclor 1221	49	U	370	49
11141-16-5	Aroclor 1232	49	U	370	49
53469-21-9	Aroclor 1242	49	U	370	49
12672-29-6	Aroclor 1248	49	U	370	49
11097-69-1	Aroclor 1254	51	U	370	51
11096-82-5	Aroclor 1260	1110		370	51
37324-23-5	Aroclor 1262	51	U	370	51
11100-14-4	Aroclor 1268	51	U	370	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		47-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Instrument ID: CPESTGC11 Start Date: 06/17/2016 16:35

Analysis Batch Number: 374290 End Date: 06/17/2016 19:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		06/17/2016 16:35	1		CLP-2 0.53(mm)
ZZZZZ		06/17/2016 16:35	1		CLP-1 0.53(mm)
IC 460-374290/2		06/17/2016 16:49	1	T1329657.D	CLP-2 0.53(mm)
IC 460-374290/2		06/17/2016 16:49	1	T1329657.D	CLP-1 0.53(mm)
IC 460-374290/3		06/17/2016 17:04	1	T1329658.D	CLP-2 0.53(mm)
IC 460-374290/3		06/17/2016 17:04	1	T1329658.D	CLP-1 0.53(mm)
IC 460-374290/4 ICRT		06/17/2016 17:18	1	T1329659.D	CLP-2 0.53(mm)
IC 460-374290/4 ICRT		06/17/2016 17:18	1	T1329659.D	CLP-1 0.53(mm)
IC 460-374290/5		06/17/2016 17:33	1	T1329660.D	CLP-2 0.53(mm)
IC 460-374290/5		06/17/2016 17:33	1	T1329660.D	CLP-1 0.53(mm)
IC 460-374290/6		06/17/2016 17:47	1	T1329661.D	CLP-2 0.53(mm)
IC 460-374290/6		06/17/2016 17:47	1	T1329661.D	CLP-1 0.53(mm)
ICV 460-374290/7		06/17/2016 18:02	1	T1329662.D	CLP-2 0.53(mm)
ICV 460-374290/7		06/17/2016 18:02	1	T1329662.D	CLP-1 0.53(mm)
IC 460-374290/8		06/17/2016 18:16	1	T1329663.D	CLP-2 0.53(mm)
IC 460-374290/8		06/17/2016 18:16	1	T1329663.D	CLP-1 0.53(mm)
IC 460-374290/9		06/17/2016 18:31	1	T1329664.D	CLP-2 0.53(mm)
IC 460-374290/9		06/17/2016 18:31	1	T1329664.D	CLP-1 0.53(mm)
IC 460-374290/10		06/17/2016 18:45	1	T1329665.D	CLP-2 0.53(mm)
IC 460-374290/10		06/17/2016 18:45	1	T1329665.D	CLP-1 0.53(mm)
IC 460-374290/11		06/17/2016 19:00	1	T1329666.D	CLP-2 0.53(mm)
IC 460-374290/11		06/17/2016 19:00	1	T1329666.D	CLP-1 0.53(mm)
IC 460-374290/12		06/17/2016 19:14	1	T1329667.D	CLP-2 0.53(mm)
IC 460-374290/12		06/17/2016 19:14	1	T1329667.D	CLP-1 0.53(mm)
IC 460-374290/13		06/17/2016 19:29	1	T1329668.D	CLP-2 0.53(mm)
IC 460-374290/13		06/17/2016 19:29	1	T1329668.D	CLP-1 0.53(mm)
IC 460-374290/14		06/17/2016 19:43	1	T1329669.D	CLP-2 0.53(mm)
IC 460-374290/14		06/17/2016 19:43	1	T1329669.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Instrument ID: CPESTGC11 Start Date: 08/23/2016 06:57

Analysis Batch Number: 386235 End Date: 08/23/2016 13:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/23/2016 06:57	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 06:57	1		CLP-1 0.53(mm)
CCVIS 460-386235/2		08/23/2016 07:12	1	T1332043.D	CLP-2 0.53(mm)
CCVIS 460-386235/2		08/23/2016 07:12	1	T1332043.D	Rtx-CLP 0.53(mm)
MB 460-386170/1-A		08/23/2016 07:35	1	T1332044.D	CLP-2 0.53(mm)
MB 460-386170/1-A		08/23/2016 07:35	1	T1332044.D	CLP-1 0.53(mm)
LCS 460-386170/2-A		08/23/2016 07:50	1	T1332045.D	CLP-2 0.53(mm)
LCS 460-386170/2-A		08/23/2016 07:50	1	T1332045.D	CLP-1 0.53(mm)
ZZZZZ		08/23/2016 08:05	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 08:05	1		CLP-1 0.53(mm)
ZZZZZ		08/23/2016 08:20	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 08:20	1		CLP-1 0.53(mm)
ZZZZZ		08/23/2016 08:35	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 08:35	1		CLP-1 0.53(mm)
ZZZZZ		08/23/2016 08:50	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 08:50	1		CLP-1 0.53(mm)
460-118325-11		08/23/2016 09:05	5	T1332050.D	CLP-2 0.53(mm)
460-118325-11		08/23/2016 09:05	5	T1332050.D	CLP-1 0.53(mm)
460-118325-11 MS		08/23/2016 09:19	5	T1332051.D	CLP-2 0.53(mm)
460-118325-11 MS		08/23/2016 09:19	5	T1332051.D	CLP-1 0.53(mm)
460-118325-11 MSD		08/23/2016 09:34	5	T1332052.D	CLP-2 0.53(mm)
460-118325-11 MSD		08/23/2016 09:34	5	T1332052.D	CLP-1 0.53(mm)
CCV 460-386235/12		08/23/2016 09:49	1	T1332053.D	CLP-2 0.53(mm)
CCV 460-386235/12		08/23/2016 09:49	1	T1332053.D	Rtx-CLP 0.53(mm)
460-118325-14		08/23/2016 10:04	1	T1332054.D	CLP-2 0.53(mm)
460-118325-14		08/23/2016 10:04	1	T1332054.D	Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 10:19	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 10:19	1		Rtx-CLP 0.53(mm)
460-118325-16		08/23/2016 10:42	2	T1332056.D	CLP-2 0.53(mm)
460-118325-16		08/23/2016 10:42	2	T1332056.D	Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 10:57	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 10:57	1		Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 11:12	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 11:12	1		Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 11:27	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 11:27	1		Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 11:42	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 11:42	1		Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 11:57	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 11:57	1		Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 12:12	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 12:12	1		Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 12:26	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 12:26	1		Rtx-CLP 0.53(mm)
CCVIS 460-386235/23		08/23/2016 12:51	1	T1332064.D	CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Instrument ID: CPESTGC11 Start Date: 08/23/2016 06:57

Analysis Batch Number: 386235 End Date: 08/23/2016 13:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-386235/23		08/23/2016 12:51	1	T1332064.D	Rtx-CLP 0.53(mm)
460-118325-8		08/23/2016 13:08	1	T1332065.D	CLP-2 0.53(mm)
460-118325-8		08/23/2016 13:08	1	T1332065.D	Rtx-CLP 0.53(mm)
460-118325-12		08/23/2016 13:23	1	T1332066.D	CLP-2 0.53(mm)
460-118325-12		08/23/2016 13:23	1	T1332066.D	Rtx-CLP 0.53(mm)
ZZZZZ		08/23/2016 13:38	1		CLP-2 0.53(mm)
ZZZZZ		08/23/2016 13:38	1		Rtx-CLP 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Batch Number: 386170 Batch Start Date: 08/22/16 22:43 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00032	OPPSTPCBSURR 00008		
MB 460-386170/1		3546, 8082A		15.0000 g	10 mL		50 uL		
LCS 460-386170/2		3546, 8082A		15.0000 g	10 mL	50 uL	50 uL		
460-118325-A-11 MS	PRA-P25E3-8.25	3546, 8082A	T	15.0113 g	10 mL	50 uL	50 uL		
460-118325-A-11 MSD	PRA-P25E3-8.25	3546, 8082A	T	15.0080 g	10 mL	50 uL	50 uL		
460-118325-A-11	PRA-P25E3-8.25	3546, 8082A	T	15.0055 g	10 mL		50 uL		
460-118325-A-14	PRA-P25E-10.75	3546, 8082A	T	15.0070 g	10 mL		50 uL		
460-118325-A-16	PRA-P25E1-8.25	3546, 8082A	T	15.0089 g	10 mL		50 uL		
460-118325-A-12	PRA-P25E3-10.75	3546, 8082A	T	15.0001 g	10 mL		50 uL		
460-118325-A-8	PRA-P25E2-8.25	3546, 8082A	T	15.0020 g	10 mL		50 uL		

Batch Notes	
Acid used for Clean Up ID	143508
Balance ID	A1
Batch Comment	PCB-SOIL
Analyst ID - Concentration	archie
Exchange Solvent ID	143600
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Hexane ID	143600
MeCl2 / Acetone ID	140899
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 ID	433101 (Silica Sand Lot #523501)
Person's name who did the prep	archie
Analyst ID - Spike Analyst	archie
TBA ID	(SW3665) LOT# 1826
Water Bath Temperature	n-evap temp. uncorrected 37c

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.: 460-118325-2

SDG No.:

Batch Number: 386170 Batch Start Date: 08/22/16 22:43 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-118325-2

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
PRA-P25E2-8.25	460-118325-8
PRA-P25E3-8.25	460-118325-11
PRA-P25E3-10.75	460-118325-12
PRA-P25E-10.75	460-118325-14
PRA-P25E1-8.25	460-118325-16

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-118325-2

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: 460-118325-2

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.: 460-118325-2

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 08/24/2016 14:16   End Date: 08/24/2016 14:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
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ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
460-118325-8	1	T	14:16	X	X																		
460-118325-11	1	T	14:16	X	X																		
460-118325-14	1	T	14:16	X	X																		
460-118325-16	1	T	14:16	X	X																		
ZZZZZZ			14:16																				
ZZZZZZ			14:16																				
460-118634-A-3 DU	1	T	14:16	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-118325-2

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 09/07/2016 08:52   End Date: 09/07/2016 08:52

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist																		
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
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ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
460-118325-12	1	T	08:52	X	X																		
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				
ZZZZZZ			08:52																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-2

SDG No.:

Batch Number: 386561 Batch Start Date: 08/24/16 14:16 Batch Analyst: Aumack, Kyle J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-118325-A-8	PRA-P25E2-8.25	Moisture	T	50	0.96 g	7.72 g	6.91 g		
460-118325-A-11	PRA-P25E3-8.25	Moisture	T	51	1.01 g	6.96 g	6.37 g		
460-118325-A-14	PRA-P25E-10.75	Moisture	T	52	1.01 g	7.80 g	6.79 g		
460-118325-A-16	PRA-P25E1-8.25	Moisture	T	53	1.05 g	8.78 g	7.72 g		
460-118634-A-3 DU		Moisture	T	56	0.97 g	6.21 g	5.29 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	08/24/16
Oven Temp In	107 Degrees C
Time samples were place in the oven	1448
Date samples were removed from oven	8/25/16
Oven Temp Out	100 Degrees C
Time Samples were removed from oven	0828
Oven ID	1
Thermometer ID	117036
Uncorrected In Temperature	107 Celsius
Uncorrected Out Temperature	100 Celsius

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.: 460-118325-2

SDG No.:

Batch Number: 389003 Batch Start Date: 09/07/16 08:52 Batch Analyst: Callahan, Rory W

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-118325-A-12	PRA-P25E3-10.75	Moisture	T	266	1.04 g	7.69 g	6.67 g		
460-119303-A-6 DU		Moisture	T	273	7.14 g	5.23 g	4.62 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	09/07/16
Oven Temp In	107 Degrees C
Time samples were place in the oven	0929
Date samples were removed from oven	09/08/16
Oven Temp Out	105 Degrees C
Time Samples were removed from oven	0613
Oven ID	3
Thermometer ID	117021
Uncorrected In Temperature	107 Celsius
Uncorrected Out Temperature	105 Celsius

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.

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

461-SJSC

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Tim Fisher

Company: Antea Group

Address: 500 Summit Lake dr. Suite 100

City: Valhalla State: NY

Phone / Fax

Samplers Name (Printed): Jared Leune, Chris Cellavolo, andrew mosetto

P. O. #

Analysis Turnaround Time: Standard [X]

Rush Charges Authorized For: 2 Week [ ] 1 Week [ ] Other [ ]

Site/Project Identification: McCandless

State (Location of site): NJ: [X] NY: [ ] Other:

Regulatory Program: SRP

ANALYSIS REQUESTED: PCBs

460-118325 Chain of Custody

LAB USE ONLY
Project No:
Job No: 118325

	Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs	Sample Numbers
	PRA-C116W-6.25	8/8/16	14:53	SO	1	X	-1
Hold->	PRA-S70E-1.25	↓	14:40	↓	1	X	-2
	PRA-S70-1.25	↓	14:24	↓	1	X	-3
	~~PRA-P13W-1.25~~						
Hold->	PRA-S13E-1.25	8/8/16	14:10	SO	1	X	-4
	PRA-S13_1.25	↓	13:59	↓	1	X	-5
	PRA-S13_MS-1.25	↓	13:53	↓	1	X	-~~6~~5
	PRA_S13_MSD-1.25	↓	13:53	↓	1	X	-~~7~~5
Hold->	PRA_S13W_1.25	↓	13:42	↓	1	X	-~~8~~6
	DUP1_20160808	↓	—	↓	1	X	-~~9~~7

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other ____, 7 = Other ____ Soil: 1 Water:

5-Day RUSH

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	Antea Group	8/8/16 1600	1) [signature]	TA
2) [signature]	TA	8/8/16 1810	2) [signature]	TA
3) [signature]	TA	8/8/16 1910	3) [signature]	TA Edison
4)			4)	8/8/16 1910

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL-0016 (0814)

IR7 - NOCS 1.1

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

451-SJSC

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Tim Fisher	Samplers Name (Printed) Jared Levine, Chris Calandrillo, Andrew Mussetto	Site/Project Identification McCandless
Company Antea Group	P. O. #	State (Location of site): NJ: ☒ NY: ☐ Other:
		Regulatory Program: SDP
Address 500 Summit Lake Dr. Suite 100	Analysis Turnaround Time: Standard ☒	
City Valhalla State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone Fax		

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB's	LAB USE ONLY Sample Numbers
Hold-> PRA-P25E2-8.25	8/8/16	11:08	SD	1	X	~~#8~~
Hold-> PRA-P25E2-10.75		11:10				~~#9~~
PRA-P25E3-3.75		10:46				~~#10~~
Hold-> PRA-P25E3-8.25		10:53				~~#11~~
Hold-> PRA-P25E3-10.75		10:50				~~#12~~
PRA-P25E-8.25		10:15				~~#13~~
Hold-> PRA-P25E-10.75		10:18				~~#14~~
PRA-P25E1-3.75		9:48				~~#15~~
Hold-> PRA-P25E1-8.25		9:52				~~#16~~
Hold-> PRA-P25E1-10.75	↓	9:50	↓	↓	↓	~~#17~~

Job No: 178325

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: 1
6 = Other _____, 7 = Other _____ — Water:

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
	Antea Group	8/8/16 1600	1)	TA
Relinquished by 2)	Company TA	Date / Time 8/8/16 1810	Received by 2)	Company UPS
Relinquished by 3)	Company TA	Date / Time 8/9/16 1110	Received by 3)	Company TA Edison
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

461-SJSC

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Tim Fisher	S. Levine, C. Calandrillo, A. Musetto	McCandless
Company: Antea Group	P. O. #	State (Location of site): NJ: X NY: Other:
		Regulatory Program: SRP
Address: 500 Summit Lake Dr, Suite 100	Analysis Turnaround Time: Standard X	LAB USE ONLY Project No:
City: Valhalla State: NY	Rush Charges Authorized For: 2 Week, 1 Week, Other	Job No: 178325
Phone: Fax:		

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs	Sample Numbers
PRA-P21SE-8.25	8/8/16	12:08	SO	1	X	-~~20~~18
PRA-P21SE-10.75		12:05				-~~21~~19
Hold PRA-P21SE-12.00		12:03				-~~22~~20
PRA-P21-8.25		11:50				-~~23~~21
PRA-P21-10.75		11:52				-~~24~~22
Hold-> PRA-P21-12.00		11:54				-~~25~~23
PRA-P21N-8.25		11:30				-~~26~~24
PRA-P21N-10.75		11:32				-~~27~~25
Hold-> PRA-P21N-12.00		11:34				-~~28~~26
PRA-P25E2-3.75	✓	11:06	✓	✓	✓	-~~29~~27

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil: 1

Water:

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Antea Group	8/8/16 1600	1)	TA
Relinquished by 2)	Company TA	Date / Time 8/8/16 1810	Received by 2)	Company TA
Relinquished by 3)	Company TA	Date / Time 8/8/16 1910	Received by 3)	Company TA Edison
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578)

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Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

461-SJSC

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Tim Fisher	J. Levine, C. Calandrillo, A. Musetto	McCandless
Company: Antea Group	P. O. #	State (Location of site): NJ: X NY: Other:
		Regulatory Program: SRP
Address: 500 Summit Lake Dr Suite 100	Analysis Turnaround Time: Standard X	
City: Valhalla State: NY	Rush Charges Authorized For: 2 Week / 1 Week / Other	
Phone: Fax:		

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs	LAB USE ONLY Sample Numbers
PRA-P7S-4.25	8/8/16	15:01	SO	1	X	~~-3028~~
PRA-P7W-4.25	↓	15:15	SO	1	X	-3F29
PRA-P7N-4.25	↓	15:30	SO	1	X	-3E30

LAB USE ONLY Project No: Job No: 118325

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil: 1 Water:

Special Instructions Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Antea Group	8/8/16 1600	1)	TA
2)	TA	8/8/16 1810	2) James	TA
3) James	TA	8/8/16 1910	3)	TA Edison
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578)

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 118325

Number of Coolers: 1 IR Gun # 7

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.1 °C	1.1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 8/8/16

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-118325-2

Login Number: 118325
List Number: 1
Creator: Lysy, Susan

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
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	1.1°C IR#7
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 <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.