

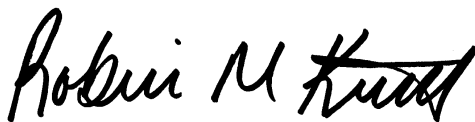
ANALYTICAL REPORT

Job Number: 510-72715-1

Job Description: South Bend Former Studebaker Foundry

For:

Weaver Boos Consultants LLC
4085 Meghan Beeler Court
South Bend, IN 46628
Attention: Jodi Slough



Approved for release.
Robin M Kintz
Project Manager I
12/12/2011 9:21 AM

Robin M Kintz
Project Manager I
robinm.kintz@testamericainc.com
12/12/2011

The test results in this report meet all NELAC requirements for parameters which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the Project Manager who signed this test report.

Valparaiso Certifications and IDs: New Hampshire (283711), Illinois (200065), Indiana DW (C-64-01), Indiana DW Micro (M-64-4), Washington (C842), Kentucky UST (57) and Foreign Soil Permit (P330-11-00073).

TestAmerica Laboratories, Inc.

TestAmerica Valparaiso 2400 Cumberland Drive, Valparaiso, IN 46383
Tel (219) 464-2389 Fax (219) 462-2953 www.testamericainc.com



Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Manual Integration Summary	5
Sample Summary	6
Executive Summary	7
Method Summary	8
Method / Analyst Summary	9
Sample Datasheets	10
Surrogate Summary	20
QC Data Summary	21
Data Qualifiers	23
QC Association Summary	24
Lab Chronicle	25
Organic Sample Data	27
GC Semi VOA	27
Method 8082	27
Method 8082 QC Summary	28
Method 8082 Sample Data	32
Standards Data	59
Method 8082 ICAL Data	59
Method 8082 CCAL Data	117
Raw QC Data	159
Method 8082 Blank Data	159
Method 8082 LCS/LCSD Data	164
Method 8082 Run Logs	168

Table of Contents

Method 8082 Prep Data	173
Inorganic Sample Data	174
General Chemistry Data	174
Gen Chem Cover Page	175
Gen Chem MDL	176
Gen Chem Analysis Run Log	177
Gen Chem Prep Data	178
Shipping and Receiving Documents	179
Client Chain of Custody	180
Sample Receipt Checklist	181

Job Narrative
510-72715-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC Semi VOA

Method(s) 8082: The following sample contained PCBs at a concentration greater than 50ppm: AREA D-3 (510-72715-3). Disposal of the sample in the High PCB Disposal Area is required.

Method(s) 8082: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: AREA D-1 (510-72715-1), AREA D-2 (510-72715-2), AREA D-3 (510-72715-3), SWD-1 (510-72715-4), SWD-2 (510-72715-5). Prep batch 90301.

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: AREA D-1 (510-72715-1), AREA D-2 (510-72715-2), AREA D-3 (510-72715-3), SWD-1 (510-72715-4), SWD-2 (510-72715-5). Prep batch 90301.

Method(s) 8082: The following samples required two sulfuric acid clean-ups to reduce matrix interferences: AREA D-1 (510-72715-1), AREA D-2 (510-72715-2), AREA D-3 (510-72715-3), SWD-1 (510-72715-4), SWD-2 (510-72715-5). Prep batch 90301.

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: AREA D-3 (510-72715-3), SWD-1 (510-72715-4). Elevated reporting limits (RLs) are provided. Prep batch 90301.

Method(s) 8082: The following samples were diluted due to the matrix of the samples: AREA D-1 (510-72715-1), AREA D-2 (510-72715-2), SWD-2 (510-72715-5). Elevated reporting limits (RLs) are provided. Prep batch 90301.

No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Instrument ID: SGCA Analysis Batch Number: 87982

Lab Sample ID: STD20 510-87982/1 IC Client Sample ID: _____

Date Analyzed: 10/11/11 13:25 Lab File ID: B4803.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	6.78	Incomplete Integration	iversc	10/11/11 15:30
PCB-1260 Peak 2	7.27	Incomplete Integration	iversc	10/11/11 15:30
PCB-1260 Peak 3	7.51	Incomplete Integration	iversc	10/11/11 15:30
PCB-1260 Peak 4	7.82	Incomplete Integration	iversc	10/11/11 15:30
PCB-1260 Peak 5	8.57	Incomplete Integration	iversc	10/11/11 15:30

Lab Sample ID: STD250 510-87982/4 IC Client Sample ID: _____

Date Analyzed: 10/11/11 14:11 Lab File ID: B4806.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dibutylchloroendate	9.57	Incomplete Integration	iversc	10/11/11 15:31

Lab Sample ID: STD1221 510-87982/10 IC Client Sample ID: _____

Date Analyzed: 10/11/11 15:43 Lab File ID: B4812.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	2.25	Incomplete Integration	iversc	10/11/11 16:05
PCB-1221 Peak 2	2.94	Incomplete Integration	iversc	10/11/11 16:05
PCB-1221 Peak 3	3.11	Incomplete Integration	iversc	10/11/11 16:05
PCB-1221 Peak 4	3.16	Incomplete Integration	iversc	10/11/11 16:05
PCB-1221 Peak 5	4.37	Incomplete Integration	iversc	10/11/11 16:05

SAMPLE SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-72715-1	AREA D-1	Solid	11/28/2011 1120	11/28/2011 1530
510-72715-2	AREA D-2	Solid	11/28/2011 1140	11/28/2011 1530
510-72715-3	AREA D-3	Solid	11/28/2011 1155	11/28/2011 1530
510-72715-4	SWD-1	Solid	11/28/2011 1210	11/28/2011 1530
510-72715-5	SWD-2	Solid	11/28/2011 1220	11/28/2011 1530

EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
510-72715-1	AREA D-1					
Percent Moisture		7.6		0.10	%	Moisture
Percent Solids		92		0.10	%	Moisture
510-72715-2	AREA D-2					
Percent Moisture		6.7		0.10	%	Moisture
Percent Solids		93		0.10	%	Moisture
510-72715-3	AREA D-3					
PCB-1260		74		2.2	mg/Kg	8082
Percent Moisture		11		0.10	%	Moisture
Percent Solids		89		0.10	%	Moisture
510-72715-4	SWD-1					
PCB-1260		1.6		0.22	mg/Kg	8082
Percent Moisture		11		0.10	%	Moisture
Percent Solids		89		0.10	%	Moisture
510-72715-5	SWD-2					
Percent Moisture		7.1		0.10	%	Moisture
Percent Solids		93		0.10	%	Moisture

METHOD SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL VAL	SW846 8082	
Mircrowave	TAL VAL		SW846 3546
Percent Moisture	TAL VAL	EPA Moisture	

Lab References:

TAL VAL = TestAmerica Valparaiso

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Method	Analyst	Analyst ID
SW846 8082	Ivers, Catherine L	CLI
EPA Moisture	Tran, Kevin	KT

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Client Sample ID: AREA D-1

Lab Sample ID: 510-72715-1

Date Sampled: 11/28/2011 1120

Client Matrix: Solid

% Moisture: 7.6

Date Received: 11/28/2011 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	510-90379	Instrument ID:	SGCA
Prep Method:	3546	Prep Batch:	510-90301	Initial Weight/Volume:	15.66 g
Dilution:	10			Final Weight/Volume:	5 mL
Analysis Date:	11/30/2011 1243	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	11/29/2011 0725			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.21		0.21
PCB-1221		<0.21		0.21
PCB-1232		<0.21		0.21
PCB-1242		<0.21		0.21
PCB-1248		<0.21		0.21
PCB-1254		<0.21		0.21
PCB-1260		<0.21		0.21

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D	14 - 147
Dibutylchloroendate	0	D	10 - 132

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Client Sample ID: AREA D-2

Lab Sample ID: 510-72715-2

Date Sampled: 11/28/2011 1140

Client Matrix: Solid

% Moisture: 6.7

Date Received: 11/28/2011 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90379	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90301	Initial Weight/Volume: 15.75 g
Dilution: 10		Final Weight/Volume: 5 mL
Analysis Date: 11/30/2011 1258	Run Type: DL	Injection Volume: 1 uL
Prep Date: 11/29/2011 0725		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.20		0.20
PCB-1221		<0.20		0.20
PCB-1232		<0.20		0.20
PCB-1242		<0.20		0.20
PCB-1248		<0.20		0.20
PCB-1254		<0.20		0.20
PCB-1260		<0.20		0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D	14 - 147
Dibutylchloroendate	0	D	10 - 132

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Client Sample ID: AREA D-3

Lab Sample ID: 510-72715-3

Date Sampled: 11/28/2011 1155

Client Matrix: Solid

% Moisture: 11.3

Date Received: 11/28/2011 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90379	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90301	Initial Weight/Volume: 15.37 g
Dilution: 100		Final Weight/Volume: 5 mL
Analysis Date: 11/30/2011 1313	Run Type: DL	Injection Volume: 1 uL
Prep Date: 11/29/2011 0725		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<2.2		2.2
PCB-1221		<2.2		2.2
PCB-1232		<2.2		2.2
PCB-1242		<2.2		2.2
PCB-1248		<2.2		2.2
PCB-1254		<2.2		2.2
PCB-1260		74		2.2

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D	14 - 147
Dibutylchloroendate	0	D	10 - 132

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Client Sample ID: SWD-1

Lab Sample ID: 510-72715-4

Date Sampled: 11/28/2011 1210

Client Matrix: Solid

% Moisture: 11.1

Date Received: 11/28/2011 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90379	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90301	Initial Weight/Volume: 15.41 g
Dilution: 10		Final Weight/Volume: 5 mL
Analysis Date: 11/30/2011 1328	Run Type: DL	Injection Volume: 1 uL
Prep Date: 11/29/2011 0725		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.22		0.22
PCB-1221		<0.22		0.22
PCB-1232		<0.22		0.22
PCB-1242		<0.22		0.22
PCB-1248		<0.22		0.22
PCB-1254		<0.22		0.22
PCB-1260		1.6		0.22

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D	14 - 147
Dibutylchloroendate	0	D	10 - 132

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Client Sample ID: SWD-2

Lab Sample ID: 510-72715-5

Date Sampled: 11/28/2011 1220

Client Matrix: Solid

% Moisture: 7.1

Date Received: 11/28/2011 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90379	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90301	Initial Weight/Volume: 15.06 g
Dilution: 10		Final Weight/Volume: 5 mL
Analysis Date: 11/30/2011 1344	Run Type: DL	Injection Volume: 1 uL
Prep Date: 11/29/2011 0725		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.21		0.21
PCB-1221		<0.21		0.21
PCB-1232		<0.21		0.21
PCB-1242		<0.21		0.21
PCB-1248		<0.21		0.21
PCB-1254		<0.21		0.21
PCB-1260		<0.21		0.21

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D	14 - 147
Dibutylchloroendate	0	D	10 - 132

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

General Chemistry

Client Sample ID: AREA D-1

Lab Sample ID: 510-72715-1

Date Sampled: 11/28/2011 1120

Client Matrix: Solid

Date Received: 11/28/2011 1530

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	7.6		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N
Percent Solids	92		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

General Chemistry

Client Sample ID: AREA D-2

Lab Sample ID: 510-72715-2

Client Matrix: Solid

Date Sampled: 11/28/2011 1140

Date Received: 11/28/2011 1530

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	6.7		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N
Percent Solids	93		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

General Chemistry

Client Sample ID: AREA D-3

Lab Sample ID: 510-72715-3

Date Sampled: 11/28/2011 1155

Client Matrix: Solid

Date Received: 11/28/2011 1530

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	11		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N
Percent Solids	89		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

General Chemistry

Client Sample ID: SWD-1

Lab Sample ID: 510-72715-4

Client Matrix: Solid

Date Sampled: 11/28/2011 1210

Date Received: 11/28/2011 1530

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	11		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N
Percent Solids	89		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

General Chemistry

Client Sample ID: SWD-2

Lab Sample ID: 510-72715-5

Client Matrix: Solid

Date Sampled: 11/28/2011 1220

Date Received: 11/28/2011 1530

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	7.1		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N
Percent Solids	93		%	0.10	1.0	Moisture
	Analysis Batch: 510-90361	Analysis Date: 11/29/2011	1655			DryWt Corrected: N

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBC1 %Rec	DCB1 %Rec
510-72715-1 DL	AREA D-1 DL	0D	0D
510-72715-2 DL	AREA D-2 DL	0D	0D
510-72715-3 DL	AREA D-3 DL	0D	0D
510-72715-4 DL	SWD-1 DL	0D	0D
510-72715-5 DL	SWD-2 DL	0D	0D
MB 510-90301/1-A		46	92
LCS 510-90301/2-A		76	106

Surrogate	Acceptance Limits
DBC = Dibutylchloroendate	10-132
DCB = DCB Decachlorobiphenyl	14-147

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Method Blank - Batch: 510-90301

Lab Sample ID: MB 510-90301/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 11/29/2011 1538
 Prep Date: 11/29/2011 0725
 Leach Date: N/A

Analysis Batch: 510-90304
 Prep Batch: 510-90301
 Leach Batch: N/A
 Units: mg/Kg

**Method: 8082
 Preparation: 3546**

Instrument ID: SGCA
 Lab File ID: B5656.D
 Initial Weight/Volume: 15 g
 Final Weight/Volume: 5 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	<0.020		0.020
PCB-1221	<0.020		0.020
PCB-1232	<0.020		0.020
PCB-1242	<0.020		0.020
PCB-1248	<0.020		0.020
PCB-1254	<0.020		0.020
PCB-1260	<0.020		0.020

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	14 - 147
Dibutylchloroendate	46	10 - 132

Lab Control Sample - Batch: 510-90301

Lab Sample ID: LCS 510-90301/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 11/29/2011 1554
 Prep Date: 11/29/2011 0725
 Leach Date: N/A

Analysis Batch: 510-90304
 Prep Batch: 510-90301
 Leach Batch: N/A
 Units: mg/Kg

**Method: 8082
 Preparation: 3546**

Instrument ID: SGCA
 Lab File ID: B5657.D
 Initial Weight/Volume: 15 g
 Final Weight/Volume: 5 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.334	0.324	97	71 - 118	
PCB-1260	0.334	0.332	100	72 - 125	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	106	14 - 147
Dibutylchloroendate	76	10 - 132

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Method Blank - Batch: 510-90361

**Method: Moisture
Preparation: N/A**

Lab Sample ID: MB 510-90361/1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 11/29/2011 1655
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 510-90361
Prep Batch: N/A
Leach Batch: N/A
Units: %

Instrument ID: No Equipment
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL
Percent Moisture	100		0.10
Percent Solids	0.013		0.10

DATA REPORTING QUALIFIERS

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Lab Section	Qualifier	Description
GC Semi VOA	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 510-90301					
LCS 510-90301/2-A	Lab Control Sample	T	Solid	3546	
MB 510-90301/1-A	Method Blank	T	Solid	3546	
510-72715-1DL	AREA D-1	T	Solid	3546	
510-72715-2DL	AREA D-2	T	Solid	3546	
510-72715-3DL	AREA D-3	T	Solid	3546	
510-72715-4DL	SWD-1	T	Solid	3546	
510-72715-5DL	SWD-2	T	Solid	3546	
Analysis Batch:510-90304					
LCS 510-90301/2-A	Lab Control Sample	T	Solid	8082	510-90301
MB 510-90301/1-A	Method Blank	T	Solid	8082	510-90301
Analysis Batch:510-90379					
510-72715-1DL	AREA D-1	T	Solid	8082	510-90301
510-72715-2DL	AREA D-2	T	Solid	8082	510-90301
510-72715-3DL	AREA D-3	T	Solid	8082	510-90301
510-72715-4DL	SWD-1	T	Solid	8082	510-90301
510-72715-5DL	SWD-2	T	Solid	8082	510-90301

Report Basis

T = Total

General Chemistry

Analysis Batch:510-90361					
MB 510-90361/1	Method Blank	T	Solid	Moisture	
510-72715-1	AREA D-1	T	Solid	Moisture	
510-72715-2	AREA D-2	T	Solid	Moisture	
510-72715-3	AREA D-3	T	Solid	Moisture	
510-72715-4	SWD-1	T	Solid	Moisture	
510-72715-5	SWD-2	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Laboratory Chronicle

Lab ID: 510-72715-1

Client ID: AREA D-1

Sample Date/Time: 11/28/2011 11:20 Received Date/Time: 11/28/2011 15:30

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	510-72715-A-1-A	DL	510-90379	510-90301	11/29/2011	07:25	10	TAL VAL	SNP
A:8082	510-72715-A-1-A	DL	510-90379	510-90301	11/30/2011	12:43	10	TAL VAL	CLI
A:Moisture	510-72715-B-1		510-90361		11/29/2011	16:55	1	TAL VAL	KT

Lab ID: 510-72715-2

Client ID: AREA D-2

Sample Date/Time: 11/28/2011 11:40 Received Date/Time: 11/28/2011 15:30

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	510-72715-B-2-A	DL	510-90379	510-90301	11/29/2011	07:25	10	TAL VAL	SNP
A:8082	510-72715-B-2-A	DL	510-90379	510-90301	11/30/2011	12:58	10	TAL VAL	CLI
A:Moisture	510-72715-A-2		510-90361		11/29/2011	16:55	1	TAL VAL	KT

Lab ID: 510-72715-3

Client ID: AREA D-3

Sample Date/Time: 11/28/2011 11:55 Received Date/Time: 11/28/2011 15:30

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	510-72715-B-3-A	DL	510-90379	510-90301	11/29/2011	07:25	100	TAL VAL	SNP
A:8082	510-72715-B-3-A	DL	510-90379	510-90301	11/30/2011	13:13	100	TAL VAL	CLI
A:Moisture	510-72715-A-3		510-90361		11/29/2011	16:55	1	TAL VAL	KT

Lab ID: 510-72715-4

Client ID: SWD-1

Sample Date/Time: 11/28/2011 12:10 Received Date/Time: 11/28/2011 15:30

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	510-72715-A-4-A	DL	510-90379	510-90301	11/29/2011	07:25	10	TAL VAL	SNP
A:8082	510-72715-A-4-A	DL	510-90379	510-90301	11/30/2011	13:28	10	TAL VAL	CLI
A:Moisture	510-72715-B-4		510-90361		11/29/2011	16:55	1	TAL VAL	KT

Lab ID: 510-72715-5

Client ID: SWD-2

Sample Date/Time: 11/28/2011 12:20 Received Date/Time: 11/28/2011 15:30

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	510-72715-B-5-A	DL	510-90379	510-90301	11/29/2011	07:25	10	TAL VAL	SNP
A:8082	510-72715-B-5-A	DL	510-90379	510-90301	11/30/2011	13:44	10	TAL VAL	CLI
A:Moisture	510-72715-A-5		510-90361		11/29/2011	16:55	1	TAL VAL	KT

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	MB 510-90301/1-A		510-90304	510-90301	11/29/2011 07:25	1	TAL VAL	SNP
A:8082	MB 510-90301/1-A		510-90304	510-90301	11/29/2011 15:38	1	TAL VAL	CLI
A:Moisture	MB 510-90361/1		510-90361		11/29/2011 16:55	1	TAL VAL	KT

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	LCS 510-90301/2-A		510-90304	510-90301	11/29/2011 07:25	1	TAL VAL	SNP
A:8082	LCS 510-90301/2-A		510-90304	510-90301	11/29/2011 15:54	1	TAL VAL	CLI

Lab References:

TAL VAL = TestAmerica Valparaiso

Method 8082

Polychlorinated Biphenyls (PCBs) by
Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Matrix: Solid Level: Low

GC Column (1): 8082/608 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DBC1 #	DCB1 #
AREA D-1 DL	510-72715-1 DL	0 D	0 D
AREA D-2 DL	510-72715-2 DL	0 D	0 D
AREA D-3 DL	510-72715-3 DL	0 D	0 D
SWD-1 DL	510-72715-4 DL	0 D	0 D
SWD-2 DL	510-72715-5 DL	0 D	0 D
	MB 510-90301/1-A	46	92
	LCS 510-90301/2-A	76	106

DBC = Dibutylchloroendate
DCB = DCB Decachlorobiphenyl

QC LIMITS
10-132
14-147

Column to be used to flag recovery values

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: B5657.D

Lab ID: LCS 510-90301/2-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.334	0.324	97	71-118	
PCB-1260	0.334	0.332	100	72-125	

Column to be used to flag recovery and RPD values

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: MB 510-90301/1-A
 Matrix: Solid Date Extracted: 11/29/2011 07:25
 Lab File ID: (1) B5656.D Lab File ID: (2) _____
 Date Analyzed: (1) 11/29/2011 15:38 Date Analyzed: (2) _____
 Instrument ID: (1) SGCA Instrument ID: (2) _____
 GC Column: (1) 8082/608 ID: 0.53 (mm) GC Column: (2) _____ ID: _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 510-90301/2-A	11/29/2011 15:54	
AREA D-1 DL	510-72715-1 DL	11/30/2011 12:43	
AREA D-2 DL	510-72715-2 DL	11/30/2011 12:58	
AREA D-3 DL	510-72715-3 DL	11/30/2011 13:13	
SWD-1 DL	510-72715-4 DL	11/30/2011 13:28	
SWD-2 DL	510-72715-5 DL	11/30/2011 13:44	

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 510-90301/2-A
 Instrument ID (1): SGCA Instrument ID (2): _____
 Date Analyzed (1): 11/29/2011 15:54 Date Analyzed (2): _____
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): _____ ID: _____

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.16	3.06	3.26	0.311	0.324	
		2	3.58	3.48	3.68	0.326		
		3	4.37	4.27	4.47	0.334		
		4	4.94	4.84	5.04	0.325		
		5	5.49	5.39	5.59	0.323		
PCB-1260	1	1	6.77	6.67	6.87	0.327	0.332	
		2	7.26	7.16	7.36	0.335		
		3	7.50	7.40	7.60	0.337		
		4	7.81	7.71	7.91	0.359		
		5	8.56	8.46	8.66	0.303		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Client Sample ID: AREA D-1 DL Lab Sample ID: 510-72715-1 DL
 Matrix: Solid Lab File ID: B5693.D
 Analysis Method: 8082 Date Collected: 11/28/2011 11:20
 Extraction Method: 3546 Date Extracted: 11/29/2011 07:25
 Sample wt/vol: 15.66(g) Date Analyzed: 11/30/2011 12:43
 Con. Extract Vol.: 5(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 7.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90379 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.21		0.21	0.024
11104-28-2	PCB-1221	<0.21		0.21	0.069
11141-16-5	PCB-1232	<0.21		0.21	0.014
53469-21-9	PCB-1242	<0.21		0.21	0.039
12672-29-6	PCB-1248	<0.21		0.21	0.036
11097-69-1	PCB-1254	<0.21		0.21	0.033
11096-82-5	PCB-1260	<0.21		0.21	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D	14-147
1770-80-5	Dibutylchloredate	0	D	10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5693.D
 Lims ID: 510-72715-A-1-A Client ID: AREA D-1
 Inject. Date: 30-Nov-2011 12:43:15 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-72715-a-1-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 12
 Lims Batch ID: 90379 Lims Sample ID: 14
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 12:54:34 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 14:04:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

5 PCB-1221

1	1	2.246
1	2	2.940
1	3	3.108
1	4	3.155
1	5	4.364
2	6	2.501
2	7	2.927
2	8	3.421
2	9	3.613
2	10	3.697

7 PCB-1232

1	1	2.941
1	2	3.156
1	3	3.582
1	4	4.365
1	5	4.451
2	6	2.501
2	7	3.697
2	8	4.269
2	9	5.152
2	10	5.874

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5693.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.116						
1	5		5.592						
2	6		3.699						
2	7		4.270						
2	8		5.154						
2	9		6.547						
2	10		6.933						
4 PCB-1016									
1	1		3.159						
1	2		3.583						
1	3		4.367						
1	4		4.937						
1	5		5.488						
2	6		3.698						
2	7		4.271						
2	8		5.154						
2	9		5.585						
2	10		5.877						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.594						
1	5		6.479						
2	6		4.271						
2	7		5.153						
2	8		5.879						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.553						
1	2		6.291						
1	3		6.477						
1	4		6.927						
1	5		7.805						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.277						
2	10		9.223						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
11 PCB-1260									
1	1	6.768	6.767	0.001	3508890	31.9		100.0	
1	2	7.257	7.256	0.001	5770409	36.1	119.7- 179.7	164.5	
1	3	7.496	7.494	0.002	1685961	26.0	29.6- 89.6	48.0	
1	4	7.803	7.803	0.000	6101190	36.2	126.4- 186.4	173.9	
1	5	8.560	8.561	-0.001	2224000	16.7	64.1- 124.1	63.4	
Average of Peak Amounts =						29.4			
2	6	7.834	7.833	0.001	838390	19.4		100.0	
2	7	8.202	8.202	0.000	2268191	27.1	163.4- 223.4	270.5	
2	8	8.633	8.632	0.001	3290468	32.7	201.9- 261.9	392.5	
2	9	9.353	9.352	0.001	1300469	14.8	146.4- 206.4	155.1	
2	10	9.743	9.742	0.001	1814106	20.5	153.8- 213.8	216.4	
Average of Peak Amounts =						22.9			
						RPD = 24.87			

\$ 3 Dibutylchloroendate

1	1	9.568
2	2	10.257

\$ 2 DCB Decachlorobiphenyl

1	1	10.768
2	2	11.577

Report Date: 30-Nov-2011 14:04:07

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5693.D

Injection Date: 30-Nov-2011 12:43:15

Limit Group: SGC - 1 - 8082 CAL

Client ID: AREA D-1

Instrument ID: SGCA

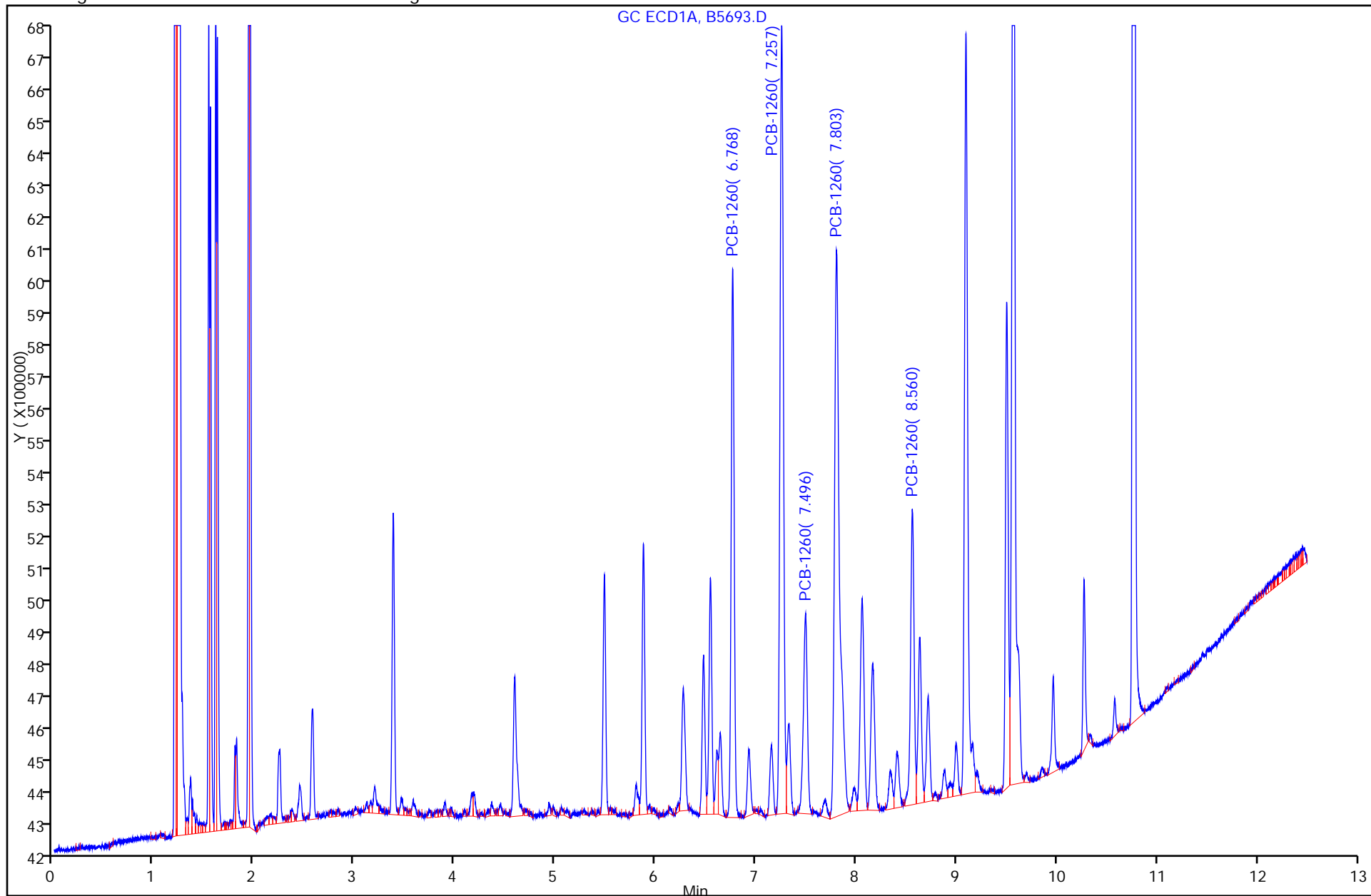
Lims Batch ID: 90379

Lims Sample ID: 14

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Client Sample ID: AREA D-2 DL Lab Sample ID: 510-72715-2 DL
 Matrix: Solid Lab File ID: B5694.D
 Analysis Method: 8082 Date Collected: 11/28/2011 11:40
 Extraction Method: 3546 Date Extracted: 11/29/2011 07:25
 Sample wt/vol: 15.75(g) Date Analyzed: 11/30/2011 12:58
 Con. Extract Vol.: 5(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 6.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90379 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.20		0.20	0.023
11104-28-2	PCB-1221	<0.20		0.20	0.068
11141-16-5	PCB-1232	<0.20		0.20	0.014
53469-21-9	PCB-1242	<0.20		0.20	0.039
12672-29-6	PCB-1248	<0.20		0.20	0.035
11097-69-1	PCB-1254	<0.20		0.20	0.033
11096-82-5	PCB-1260	<0.20		0.20	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D	14-147
1770-80-5	Dibutylchloredate	0	D	10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5694.D
 Lims ID: 510-72715-B-2-A Client ID: AREA D-2
 Inject. Date: 30-Nov-2011 12:58:30 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-72715-b-2-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 13
 Lims Batch ID: 90379 Lims Sample ID: 15
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 12:54:34 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 30-Nov-2011 14:05:21

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

5 PCB-1221

1	1	2.246
1	2	2.940
1	3	3.108
1	4	3.155
1	5	4.364
2	6	2.501
2	7	2.927
2	8	3.421
2	9	3.613
2	10	3.697

7 PCB-1232

1	1	2.941
1	2	3.156
1	3	3.582
1	4	4.365
1	5	4.451
2	6	2.501
2	7	3.697
2	8	4.269
2	9	5.152
2	10	5.874

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.116						
1	5		5.592						
2	6		3.699						
2	7		4.270						
2	8		5.154						
2	9		6.547						
2	10		6.933						
4 PCB-1016									
1	1		3.159						
1	2		3.583						
1	3		4.367						
1	4		4.937						
1	5		5.488						
2	6		3.698						
2	7		4.271						
2	8		5.154						
2	9		5.585						
2	10		5.877						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.594						
1	5		6.479						
2	6		4.271						
2	7		5.153						
2	8		5.879						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.553						
1	2		6.291						
1	3		6.477						
1	4		6.927						
1	5		7.805						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.277						
2	10		9.223						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
11 PCB-1260									
1	1	6.767	6.767	0.000	1763552	13.0		100.0	7
1	2	7.256	7.256	0.000	3047437	16.4	119.7- 179.7	172.8	A
1	3	7.494	7.494	0.000	919849	11.6	29.6- 89.6	52.2	A
1	4	7.803	7.803	0.000	3132588	14.9	126.4- 186.4	177.6	A
1	5	8.561	8.561	0.000	1122496	3.41	64.1- 124.1	63.6	A
Average of Peak Amounts =						11.9			
2	6	7.836	7.833	0.003	530916	9.74		100.0	7
2	7	8.202	8.202	0.000	1282976	11.9	163.4- 223.4	241.7	A
2	8	8.632	8.632	0.000	1741440	13.5	201.9- 261.9	328.0	A
2	9	9.351	9.352	-0.001	739142	5.07	146.4- 206.4	139.2	A
2	10	9.741	9.742	-0.001	984686	7.46	153.8- 213.8	185.5	A
Average of Peak Amounts =						9.53			

RPD = 21.87

LOD = 20.0

\$ 3 Dibutylchloroendate

1	1	9.568
2	2	10.257

\$ 2 DCB Decachlorobiphenyl

1	1	10.768
2	2	11.577

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 30-Nov-2011 14:05:21

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5694.D

Injection Date: 30-Nov-2011 12:58:30

Limit Group: SGC - 1 - 8082 CAL

Client ID: AREA D-2

Instrument ID: SGCA

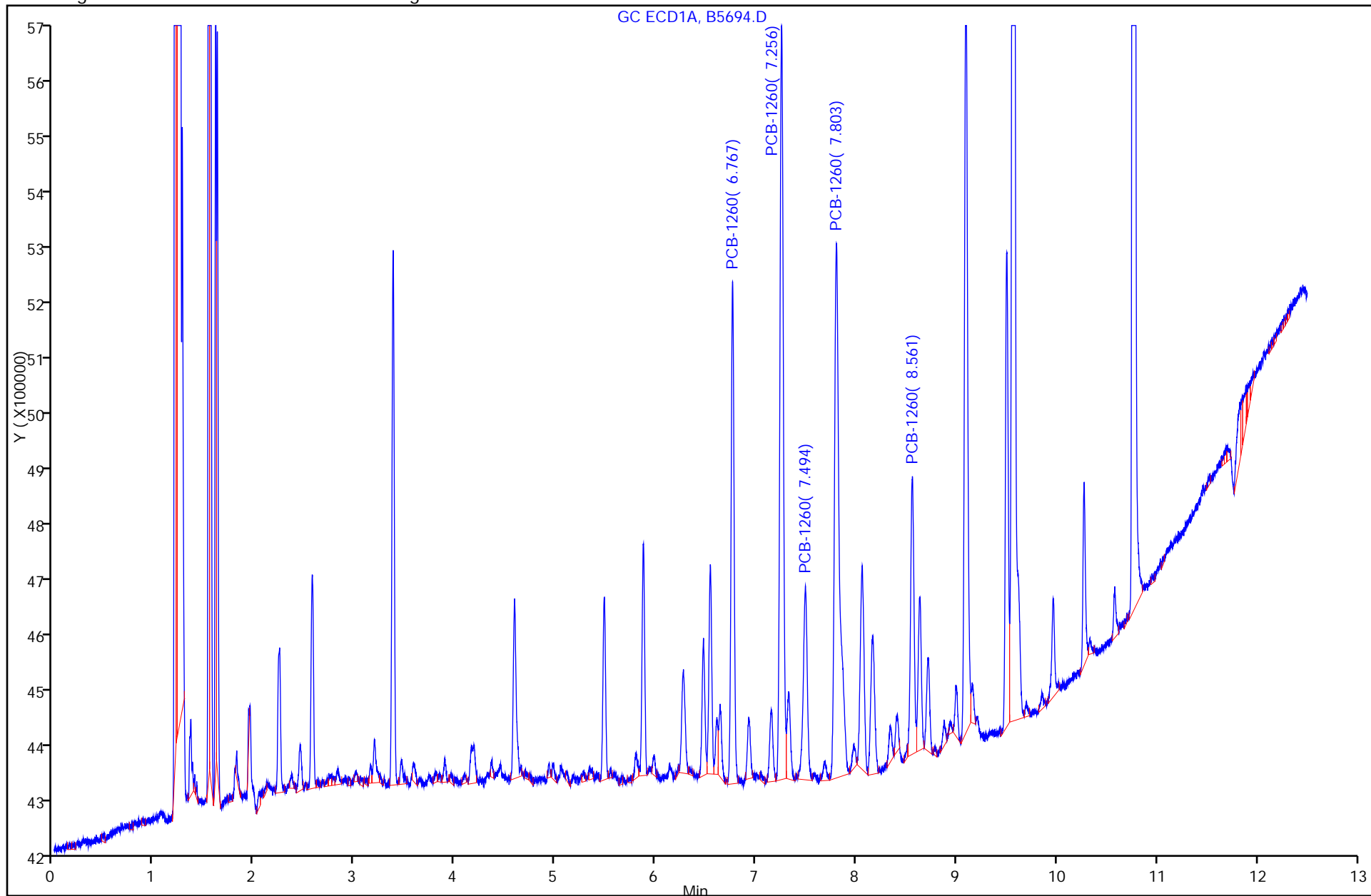
Lims Batch ID: 90379

Lims Sample ID: 15

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Client Sample ID: AREA D-3 DL Lab Sample ID: 510-72715-3 DL
 Matrix: Solid Lab File ID: B5695.D
 Analysis Method: 8082 Date Collected: 11/28/2011 11:55
 Extraction Method: 3546 Date Extracted: 11/29/2011 07:25
 Sample wt/vol: 15.37(g) Date Analyzed: 11/30/2011 13:13
 Con. Extract Vol.: 5(mL) Dilution Factor: 100
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 11.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90379 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<2.2		2.2	0.25
11104-28-2	PCB-1221	<2.2		2.2	0.73
11141-16-5	PCB-1232	<2.2		2.2	0.15
53469-21-9	PCB-1242	<2.2		2.2	0.42
12672-29-6	PCB-1248	<2.2		2.2	0.38
11097-69-1	PCB-1254	<2.2		2.2	0.35
11096-82-5	PCB-1260	74		2.2	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D	14-147
1770-80-5	Dibutylchloredate	0	D	10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5695.D
 Lims ID: 510-72715-B-3-A Client ID: AREA D-3
 Inject. Date: 30-Nov-2011 13:13:34 Dil. Factor: 100.0000
 Sample Type: Client
 Sample ID: 510-72715-b-3-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 90379 Lims Sample ID: 16
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 12:54:34 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 14:05:42

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

5 PCB-1221

1	1	2.246
1	2	2.940
1	3	3.108
1	4	3.155
1	5	4.364
2	6	2.501
2	7	2.927
2	8	3.421
2	9	3.613
2	10	3.697

7 PCB-1232

1	1	2.941
1	2	3.156
1	3	3.582
1	4	4.365
1	5	4.451
2	6	2.501
2	7	3.697
2	8	4.269
2	9	5.152
2	10	5.874

Data File: \\valsvr08\ChromData\SGCA\201111130-5995.b\B5695.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.116						
1	5		5.592						
2	6		3.699						
2	7		4.270						
2	8		5.154						
2	9		6.547						
2	10		6.933						
4 PCB-1016									
1	1		3.159						
1	2		3.583						
1	3		4.367						
1	4		4.937						
1	5		5.488						
2	6		3.698						
2	7		4.271						
2	8		5.154						
2	9		5.585						
2	10		5.877						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.594						
1	5		6.479						
2	6		4.271						
2	7		5.153						
2	8		5.879						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.553						
1	2		6.291						
1	3		6.477						
1	4		6.927						
1	5		7.805						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.277						
2	10		9.223						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

11 PCB-1260

1	1	6.766	6.767	-0.001	169358398	1898.9		100.0	
1	2	7.255	7.256	-0.001	316728058	2360.9	119.7- 179.7	187.0	
1	3	7.493	7.494	-0.001	102402029	1879.5	29.6- 89.6	60.5	
1	4	7.802	7.803	-0.001	350837202	2485.0	126.4- 186.4	207.2	
1	5	8.560	8.561	-0.001	124152149	1476.6	64.1- 124.1	73.3	
Average of Peak Amounts =						2020.2			
2	6	7.833	7.833	0.000	45681790	1446.7		100.0	
2	7	8.202	8.202	0.000	107298986	1750.0	163.4- 223.4	234.9	
2	8	8.632	8.632	0.000	161529523	2233.1	201.9- 261.9	353.6	
2	9	9.352	9.352	0.000	73918079	1306.9	146.4- 206.4	161.8	
2	10	9.742	9.742	0.000	76436179	1264.1	153.8- 213.8	167.3	
Average of Peak Amounts =						1600.2			

RPD = 23.20

\$ 3 Dibutylchloroendate

1	1	9.568
2	2	10.257

\$ 2 DCB Decachlorobiphenyl

1	1	10.768
2	2	11.577

Report Date: 30-Nov-2011 14:05:47

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5695.D

Injection Date: 30-Nov-2011 13:13:34

Limit Group: SGC - 1 - 8082 CAL

Client ID: AREA D-3

Instrument ID: SGCA

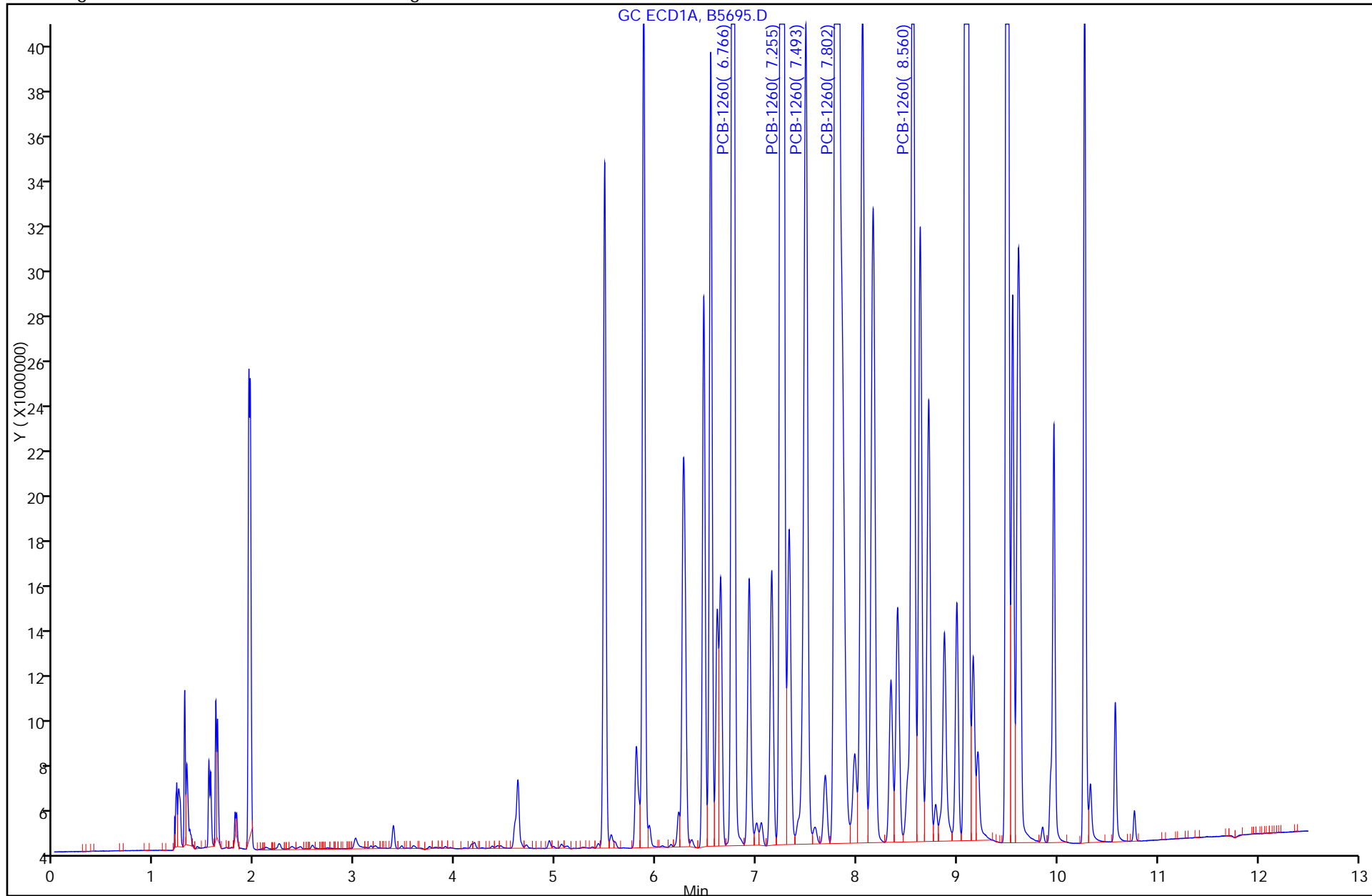
Lims Batch ID: 90379

Lims Sample ID: 16

Operator ID:

Injection Vol: 1.00 ul

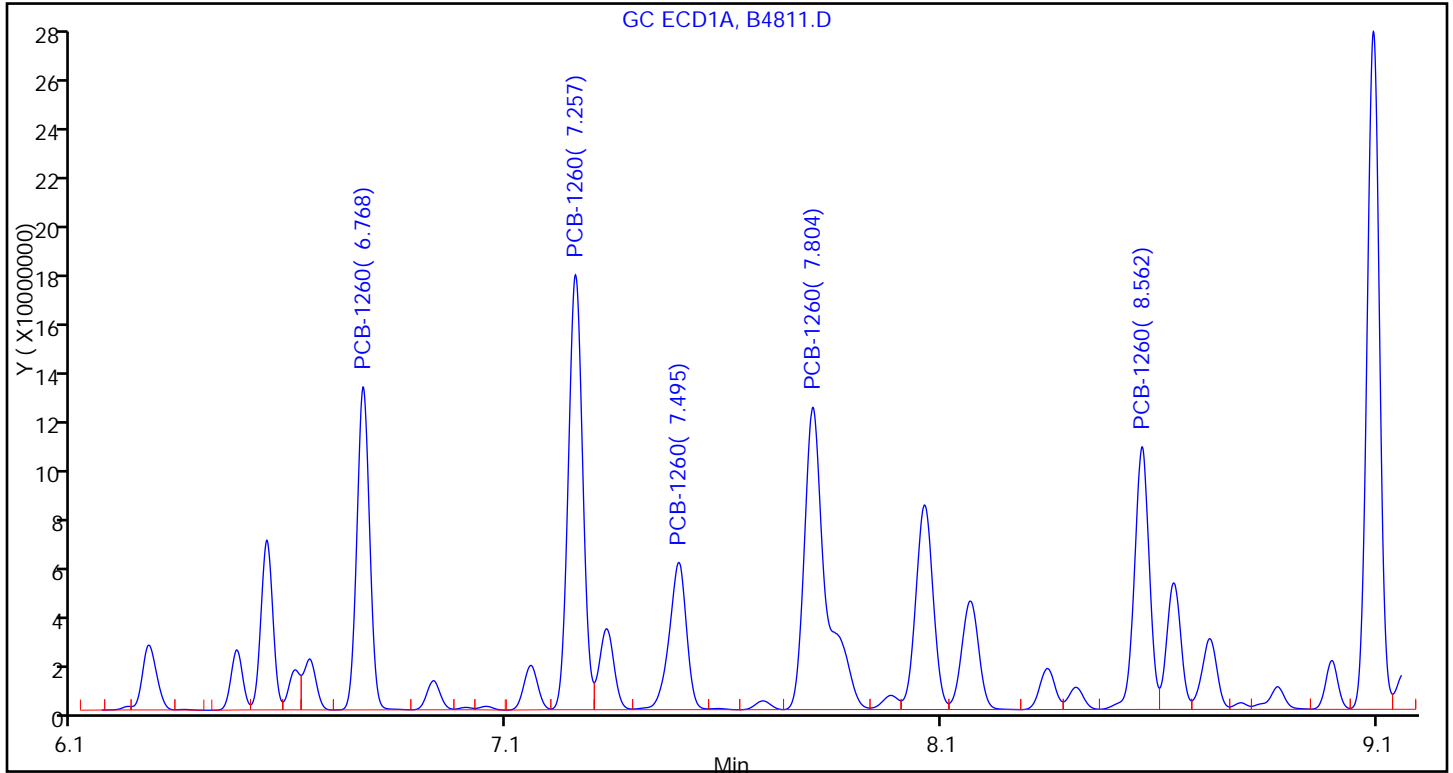
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



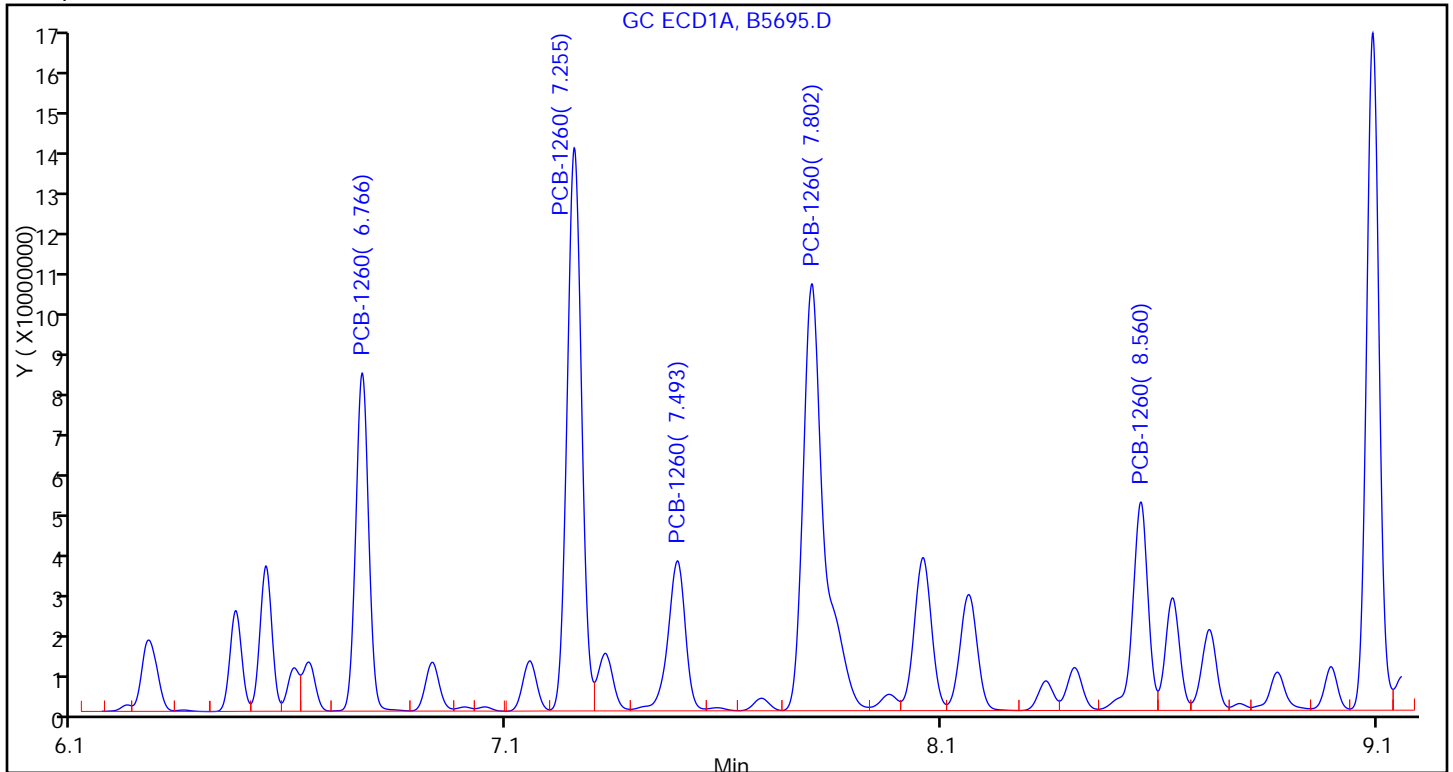
Report Date: 30-Nov-2011 14:05:47
Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5695.D
Injection Date: 30-Nov-2011 13:13:34
Client ID: AREA D-3
Lims Batch ID: 90379
Operator ID:
11 PCB-1260, Detector: 1, GC ECD1A

Chrom Revision: 1.2 13-Jul-2011 10:43:06
Limit Group: SGC - 1 - 8082 CAL
Instrument ID: SGCA
Lims Sample ID: 16
Injection Vol: 1.00 ul

Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Client Sample ID: SWD-1 DL Lab Sample ID: 510-72715-4 DL
 Matrix: Solid Lab File ID: B5696.D
 Analysis Method: 8082 Date Collected: 11/28/2011 12:10
 Extraction Method: 3546 Date Extracted: 11/29/2011 07:25
 Sample wt/vol: 15.41(g) Date Analyzed: 11/30/2011 13:28
 Con. Extract Vol.: 5(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 11.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90379 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.22		0.22	0.025
11104-28-2	PCB-1221	<0.22		0.22	0.073
11141-16-5	PCB-1232	<0.22		0.22	0.015
53469-21-9	PCB-1242	<0.22		0.22	0.042
12672-29-6	PCB-1248	<0.22		0.22	0.038
11097-69-1	PCB-1254	<0.22		0.22	0.035
11096-82-5	PCB-1260	1.6		0.22	0.018

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D	14-147
1770-80-5	Dibutylchloroendate	0	D	10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5696.D
 Lims ID: 510-72715-A-4-A Client ID: SWD-1
 Inject. Date: 30-Nov-2011 13:28:53 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-72715-a-4-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 15
 Lims Batch ID: 90379 Lims Sample ID: 17
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 12:54:34 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 14:06:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

5 PCB-1221

1	1	2.246
1	2	2.940
1	3	3.108
1	4	3.155
1	5	4.364
2	6	2.501
2	7	2.927
2	8	3.421
2	9	3.613
2	10	3.697

7 PCB-1232

1	1	2.941
1	2	3.156
1	3	3.582
1	4	4.365
1	5	4.451
2	6	2.501
2	7	3.697
2	8	4.269
2	9	5.152
2	10	5.874

Data File: \\valsrv08\ChromData\SGCA\20111130-5995.b\B5696.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.116						
1	5		5.592						
2	6		3.699						
2	7		4.270						
2	8		5.154						
2	9		6.547						
2	10		6.933						
4 PCB-1016									
1	1		3.159						
1	2		3.583						
1	3		4.367						
1	4		4.937						
1	5		5.488						
2	6		3.698						
2	7		4.271						
2	8		5.154						
2	9		5.585						
2	10		5.877						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.594						
1	5		6.479						
2	6		4.271						
2	7		5.153						
2	8		5.879						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.553						
1	2		6.291						
1	3		6.477						
1	4		6.927						
1	5		7.805						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.277						
2	10		9.223						

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5696.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.768	6.767	0.001	37994548	409.5		100.0		
1	2	7.257	7.256	0.001	69582576	501.5	119.7- 179.7	183.1		
1	3	7.495	7.494	0.001	21725124	400.6	29.6- 89.6	57.2		
1	4	7.803	7.803	0.000	75528541	532.8	126.4- 186.4	198.8		
1	5	8.562	8.561	0.001	26759040	311.5	64.1- 124.1	70.4		
		Average of Peak Amounts =				431.2				
2	6	7.835	7.833	0.002	10654574	328.2		100.0		
2	7	8.203	8.202	0.001	25155878	385.1	163.4- 223.4	236.1		
2	8	8.633	8.632	0.001	37560743	466.5	201.9- 261.9	352.5		
2	9	9.353	9.352	0.001	16572390	281.0	146.4- 206.4	155.5		
2	10	9.742	9.742	0.000	17220105	265.6	153.8- 213.8	161.6		
		Average of Peak Amounts =				345.3				
						RPD = 22.13				

\$ 3 Dibutylchloroendate

1	1	9.568
2	2	10.257

\$ 2 DCB Decachlorobiphenyl

1	1	10.768
2	2	11.577

Report Date: 30-Nov-2011 14:06:05

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5696.D

Injection Date: 30-Nov-2011 13:28:53

Limit Group: SGC - 1 - 8082 CAL

Client ID: SWD-1

Instrument ID: SGCA

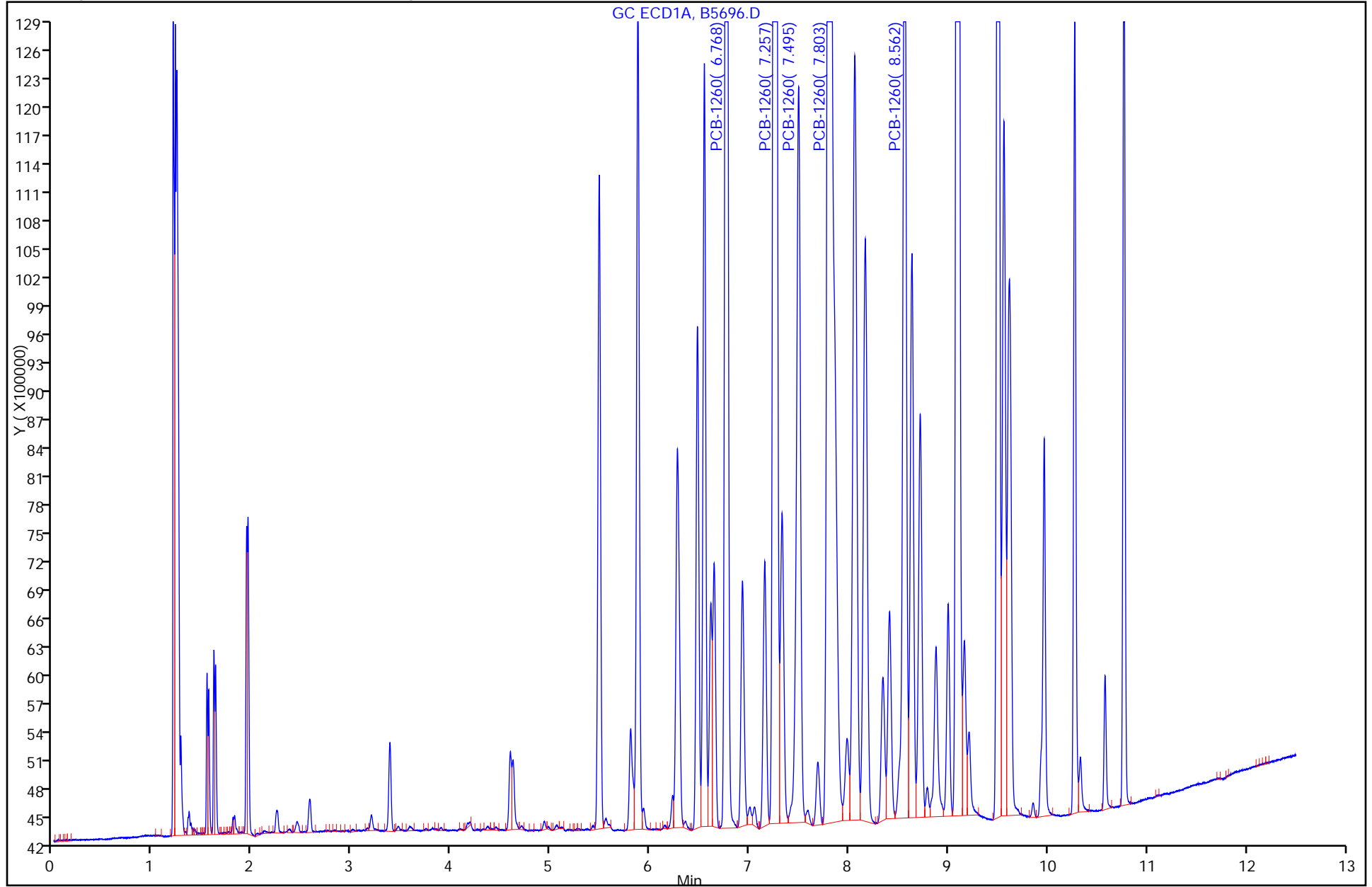
Lims Batch ID: 90379

Lims Sample ID: 17

Operator ID:

Injection Vol: 1.00 ul

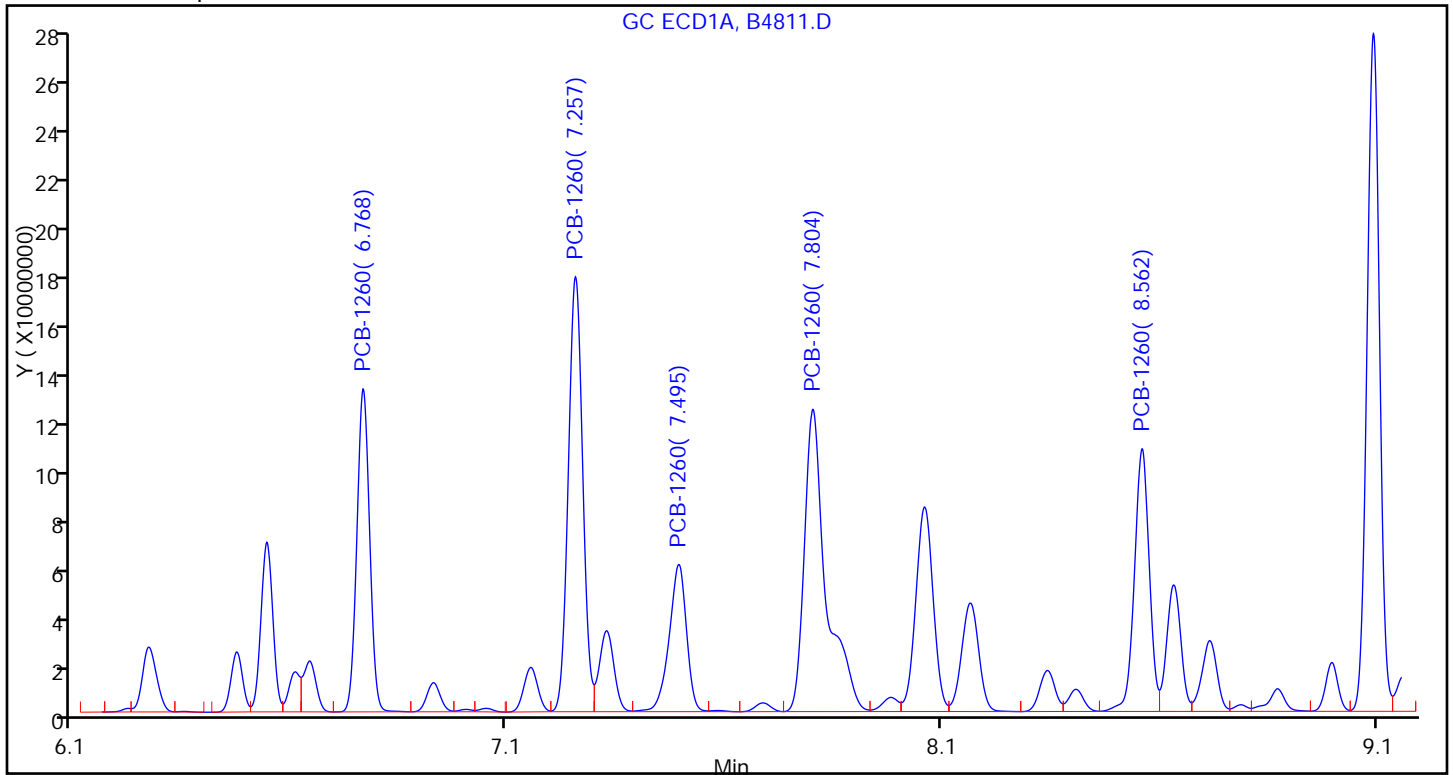
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



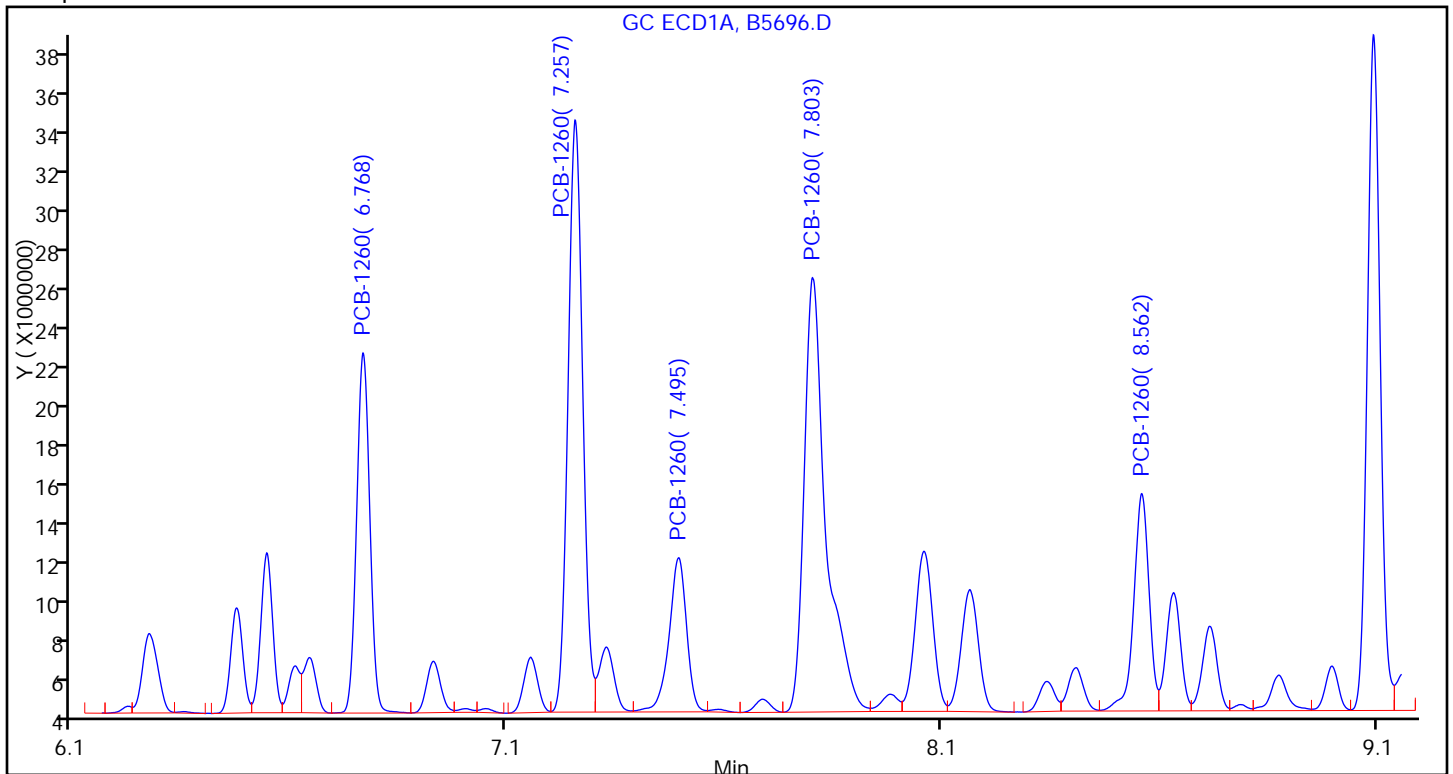
Report Date: 30-Nov-2011 14:06:05
Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5696.D
Injection Date: 30-Nov-2011 13:28:53
Client ID: SWD-1
Lims Batch ID: 90379
Operator ID:
11 PCB-1260, Detector: 1, GC ECD1A

Chrom Revision: 1.2 13-Jul-2011 10:43:06
Limit Group: SGC - 1 - 8082 CAL
Instrument ID: SGCA
Lims Sample ID: 17
Injection Vol: 1.00 ul

Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Client Sample ID: SWD-2 DL Lab Sample ID: 510-72715-5 DL
 Matrix: Solid Lab File ID: B5697.D
 Analysis Method: 8082 Date Collected: 11/28/2011 12:20
 Extraction Method: 3546 Date Extracted: 11/29/2011 07:25
 Sample wt/vol: 15.06(g) Date Analyzed: 11/30/2011 13:44
 Con. Extract Vol.: 5(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90379 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.21		0.21	0.024
11104-28-2	PCB-1221	<0.21		0.21	0.071
11141-16-5	PCB-1232	<0.21		0.21	0.015
53469-21-9	PCB-1242	<0.21		0.21	0.041
12672-29-6	PCB-1248	<0.21		0.21	0.037
11097-69-1	PCB-1254	<0.21		0.21	0.035
11096-82-5	PCB-1260	<0.21		0.21	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D	14-147
1770-80-5	Dibutylchloredate	0	D	10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5697.D
 Lims ID: 510-72715-B-5-A Client ID: SWD-2
 Inject. Date: 30-Nov-2011 13:44:19 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-72715-b-5-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 16
 Lims Batch ID: 90379 Lims Sample ID: 18
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 12:54:34 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 30-Nov-2011 14:06:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

5 PCB-1221

1	1	2.246
1	2	2.940
1	3	3.108
1	4	3.155
1	5	4.364
2	6	2.501
2	7	2.927
2	8	3.421
2	9	3.613
2	10	3.697

7 PCB-1232

1	1	2.941
1	2	3.156
1	3	3.582
1	4	4.365
1	5	4.451
2	6	2.501
2	7	3.697
2	8	4.269
2	9	5.152
2	10	5.874

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.116						
1	5		5.592						
2	6		3.699						
2	7		4.270						
2	8		5.154						
2	9		6.547						
2	10		6.933						
4 PCB-1016									
1	1		3.159						
1	2		3.583						
1	3		4.367						
1	4		4.937						
1	5		5.488						
2	6		3.698						
2	7		4.271						
2	8		5.154						
2	9		5.585						
2	10		5.877						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.594						
1	5		6.479						
2	6		4.271						
2	7		5.153						
2	8		5.879						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.553						
1	2		6.291						
1	3		6.477						
1	4		6.927						
1	5		7.805						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.277						
2	10		9.223						

Data File: \\valsvr08\ChromData\SGCA\201111130-5995.b\B5697.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

11 PCB-1260

1	1		6.767						
1	2		7.256						
1	3		7.494						
1	4		7.803						
1	5		8.561						
2	6		7.833						
2	7		8.202						
2	8		8.632						
2	9		9.352						
2	10		9.742						

\$ 3 Dibutylchloroendate

1	1		9.568						
2	2		10.257						

\$ 2 DCB Decachlorobiphenyl

1	1		10.768						
2	2		11.577						

Report Date: 30-Nov-2011 14:06:12

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5697.D

Injection Date: 30-Nov-2011 13:44:19

Limit Group: SGC - 1 - 8082 CAL

Client ID: SWD-2

Instrument ID: SGCA

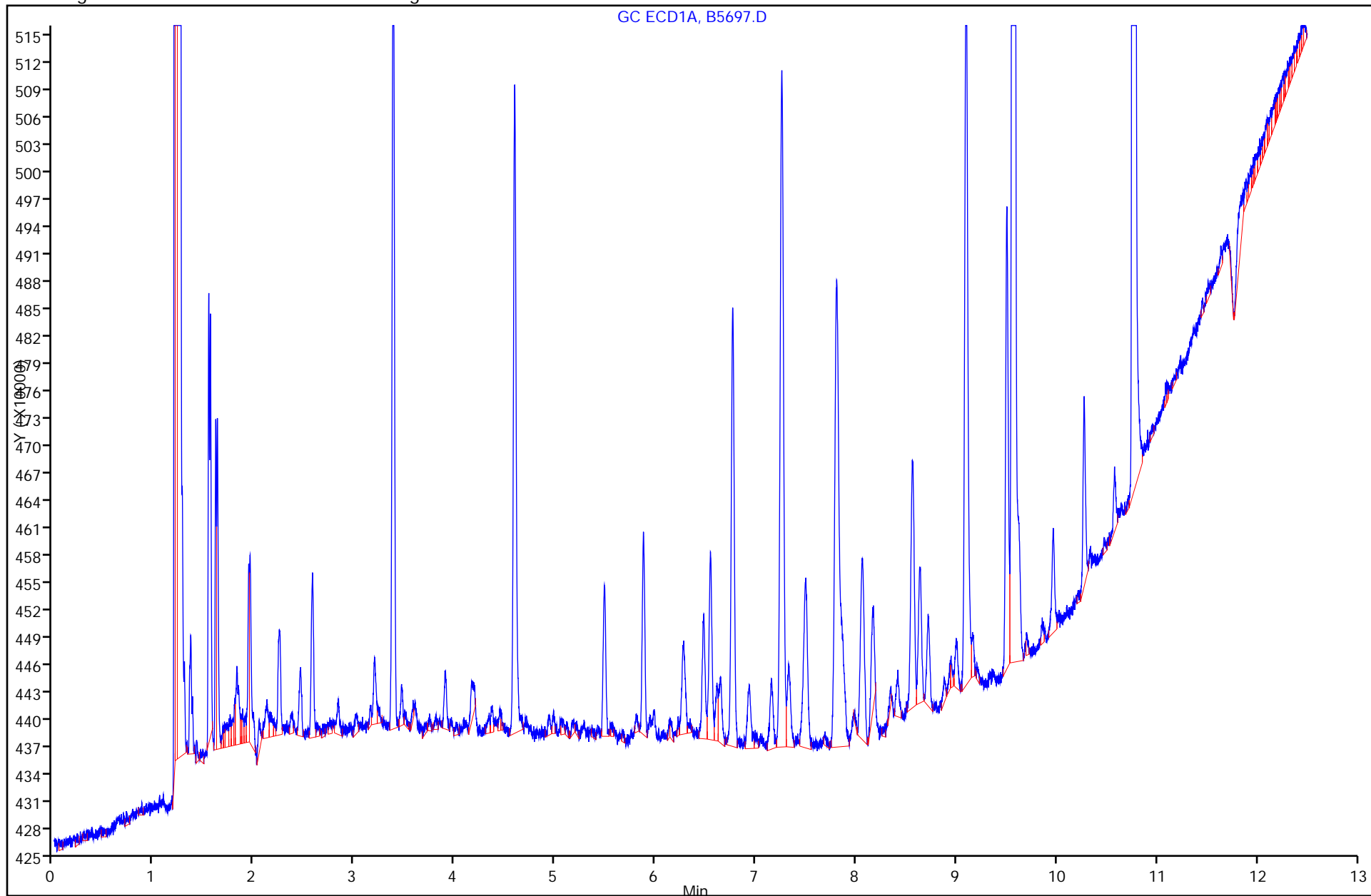
Lims Batch ID: 90379

Lims Sample ID: 18

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 13:25 Calibration End Date: 10/11/2011 15:28 Calibration ID: 4309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD20 510-87982/1	B4803.D
Level 2	STD50 510-87982/2	B4804.D
Level 3	STD100 510-87982/3	B4805.D
Level 4	STD250 510-87982/4	B4806.D
Level 5	STD500 510-87982/5	B4807.D
Level 6	STD1000 510-87982/6	B4808.D
Level 7	STD1500 510-87982/7	B4809.D
Level 8	STD2000 510-87982/8	B4810.D
Level 9	STD3000 510-87982/9	B4811.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	RT WINDOW	AVG RT
PCB-1016 Peak 1	3.169	3.159	3.159	3.159	3.161	3.160	3.161	3.158	3.157	3.059 - 3.259	3.160
PCB-1016 Peak 2	3.597	3.584	3.584	3.584	3.586	3.586	3.587	3.583	3.583	3.484 - 3.684	3.586
PCB-1016 Peak 3	4.380	4.367	4.367	4.367	4.369	4.368	4.369	4.366	4.367	4.267 - 4.467	4.369
PCB-1016 Peak 4	4.951	4.939	4.937	4.938	4.939	4.938	4.939	4.936	4.937	4.837 - 5.037	4.939
PCB-1016 Peak 5	5.502	5.490	5.489	5.490	5.490	5.490	5.492	5.488	5.489	5.389 - 5.589	5.491
PCB-1260 Peak 1	6.782	6.769	6.768	6.769	6.769	6.770	6.770	6.768	6.768	6.668 - 6.868	6.770
PCB-1260 Peak 2	7.271	7.259	7.258	7.256	7.259	7.258	7.259	7.257	7.257	7.158 - 7.358	7.259
PCB-1260 Peak 3	7.510	7.498	7.495	7.494	7.496	7.496	7.497	7.495	7.495	7.395 - 7.595	7.497
PCB-1260 Peak 4	7.821	7.807	7.803	7.804	7.804	7.805	7.806	7.804	7.804	7.703 - 7.903	7.806
PCB-1260 Peak 5	8.573	8.564	8.561	8.561	8.564	8.563	8.564	8.561	8.562	8.461 - 8.661	8.564
Dibutylchloroendate			9.567	9.568	9.569	9.568	9.568			9.468 - 9.668	9.568
DCB Decachlorobiphenyl			10.767	10.766	10.767	10.768	10.767			10.667 - 10.867	10.767

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 13:25 Calibration End Date: 10/11/2011 15:28 Calibration ID: 4309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD20 510-87982/1	B4803.D
Level 2	STD50 510-87982/2	B4804.D
Level 3	STD100 510-87982/3	B4805.D
Level 4	STD250 510-87982/4	B4806.D
Level 5	STD500 510-87982/5	B4807.D
Level 6	STD1000 510-87982/6	B4808.D
Level 7	STD1500 510-87982/7	B4809.D
Level 8	STD2000 510-87982/8	B4810.D
Level 9	STD3000 510-87982/9	B4811.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
PCB-1016 Peak 1	57338 38997 34594	41166 38119	39513 36988	37193 35076	Qua2	192809.282	37918.5989	-1.0687944					0.9990		0.9950	
PCB-1016 Peak 2	124532 80558 75008	99565 82665	85572 79393	79740 75738	Qua2	424020.540	83359.4154	-3.1142329					0.9980		0.9950	
PCB-1016 Peak 3	94565 64521 61290	69427 66246	68377 63874	63748 62137	Qua2	298802.106	64533.0455	-0.9508568					1.0000		0.9950	
PCB-1016 Peak 4	73357 50871 47815	54451 52123	53858 49986	50031 48667	Qua2	223520.229	50883.5823	-0.9215752					1.0000		0.9950	
PCB-1016 Peak 5	57735 32485 30194	36145 32717	35848 31357	32743 30834	Qua2	252403.260	32351.1700	-0.7206074					1.0000		0.9950	
PCB-1260 Peak 1	149670 93550 86819	100586 94822	98692 88645	92280 88585	Qua2	571502.602	92063.5149	-1.6736040					0.9990		0.9950	
PCB-1260 Peak 2	216827 139883 132247	150034 141952	148470 133866	137628 135027	Qua2	782493.097	138080.206	-1.8030256					1.0000		0.9950	
PCB-1260 Peak 3	83810 54847 53910	55612 56510	57384 54406	54191 54913	Qua2	299337.212	53264.0583	0.56448831					0.9990		0.9950	

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 13:25 Calibration End Date: 10/11/2011 15:28 Calibration ID: 4309

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
PCB-1260 Peak 4	246338 144443 138817	152049 148313	151565 139886	142602 141711	Qua2	1053102.98	139518.571	0.49950237						0.9990		0.9950
PCB-1260 Peak 5	167898 87013 82406	96183 89227	89286 83518	86700 84289	Qua2	838694.092	83139.5393	0.25016361						0.9990		0.9950
Dibutylchloroendate	1747145	1962599	1906190 1898310	1744751	Qua2	4367161.80	1429443.26	3966.54690						0.9990		0.9950
DCB Decachlorobiphenyl	1446753	1490218	1711631 1349367	1386401	Qua2	3361149.01	1373310.89	59.5867942						0.9980		0.9950

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 13:25 Calibration End Date: 10/11/2011 15:28 Calibration ID: 4309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD20 510-87982/1	B4803.D
Level 2	STD50 510-87982/2	B4804.D
Level 3	STD100 510-87982/3	B4805.D
Level 4	STD250 510-87982/4	B4806.D
Level 5	STD500 510-87982/5	B4807.D
Level 6	STD1000 510-87982/6	B4808.D
Level 7	STD1500 510-87982/7	B4809.D
Level 8	STD2000 510-87982/8	B4810.D
Level 9	STD3000 510-87982/9	B4811.D

ANALYTE	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
		LVL 6	LVL 7	LVL 8	LVL 9		LVL 6	LVL 7	LVL 8	LVL 9	
PCB-1016 Peak 1	Qua2	573375 38118592	2058301 55481719	3951267 70152563	9298152 103782771	19498587	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 2	Qua2	1245316 82665255	4978230 119089960	8557175 151475595	19935066 225024473	40279077	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 3	Qua2	945654 66245621	3471330 95811618	6837742 124273005	15936935 183868956	32260724	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 4	Qua2	733574 52123236	2722538 74979009	5385794 97333963	12507659 143446130	25435504	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 5	Qua2	577347 32717009	1807239 47036030	3584764 61668024	8185856 90581980	16242581	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 1	Qua2	1496695 94822260	5029324 132966781	9869220 177169652	23070026 260458380	46775192	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 2	Qua2	2168267 141952007	7501701 200799101	14847021 270053146	34406948 396741938	69941509	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 3	Qua2	838097 56510308	2780607 81608551	5738442 109825531	13547673 161728598	27423408	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 4	Qua2	2463375 148313383	7602428 209829450	15156497 283421590	35650469 416449862	72221355	10.0 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 5	Qua2	1678980 89226920	4809136 125276824	8928551 168577813	21675031 247218726	43506278	10.0 1000	50.0 1500	100 2000	250 3000	500
Dibutylchloroendate	Qua2	196259922	227797168	19061895	104685081	139771618	100	120	10.0	60.0	80.0
DCB Decachlorobiphenyl	Qua2	149021799	161924076	17116313	83184076	115740253	100	120	10.0	60.0	80.0

Curve Type Legend:

Qua2 = Quadratic 1/conc^2

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4803.D

Lims ID: std20 Client ID:
Inject. Date: 11-Oct-2011 13:25:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: std20

Misc. Info.:
Operator: Instrument ID: SGCA
Vol. Injected: 1.0000 ALS Bottle#: 1
Lims Batch ID: 87982 Lims Sample ID: 1
Sublist: chrom-PCBS*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
Last Update: 11-Oct-2011 15:30:26 Calib Date: 11-Oct-2011 14:57:23
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
Limit Group: SGC - 1 - 8082 CAL
Integrator: Falcon
Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:30:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.169	3.159	0.010	573375	10.0		100.0	
1	2	3.597	3.584	0.013	1245316	9.86	186.9- 246.9	217.2	
1	3	4.380	4.367	0.013	945654	10.0	143.8- 203.8	164.9	
1	4	4.951	4.937	0.014	733574	10.0	106.7- 166.7	127.9	
1	5	5.502	5.489	0.013	577347	10.0	55.8- 115.8	100.7	
Average of Peak Amounts =						9.98			
2	6	3.702	3.699	0.003	413876	9.97		100.0	
2	7	4.274	4.271	0.003	924761	10.0	189.6- 249.6	223.4	
2	8	5.157	5.152	0.005	681586	9.87	138.6- 198.6	164.7	
2	9	5.584	5.583	0.001	319945	10.0	49.7- 109.7	77.3	
2	10	5.878	5.874	0.004	576073	10.0	108.1- 168.1	139.2	
Average of Peak Amounts =						9.97			

RPD = 0.11

11 PCB-1260

1	1	6.782	6.768	0.014	1496695	10.0		100.0	M
1	2	7.271	7.258	0.013	2168267	10.0	119.7- 179.7	144.9	
1	3	7.510	7.495	0.015	838097	10.1	29.6- 89.6	56.0	
1	4	7.821	7.821	0.000	2463375	10.1	126.4- 186.4	164.6	M
1	5	8.573	8.561	0.012	1678980	10.1	64.1- 124.1	112.2	
Average of Peak Amounts =						10.1			
2	6	7.833	7.827	0.006	540815	10.0		100.0	
2	7	8.200	8.196	0.004	1165515	10.0	163.4- 223.4	215.5	
2	8	8.630	8.627	0.003	1457402	10.0	201.9- 261.9	269.5	
2	9	9.349	9.347	0.002	1027212	10.0	146.4- 206.4	189.9	
2	10	9.741	9.737	0.004	1147411	10.0	153.8- 213.8	212.2	
Average of Peak Amounts =						10.0			

RPD = 0.33

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 11-Oct-2011 15:30:27

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4803.D

Injection Date: 11-Oct-2011 13:25:25

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

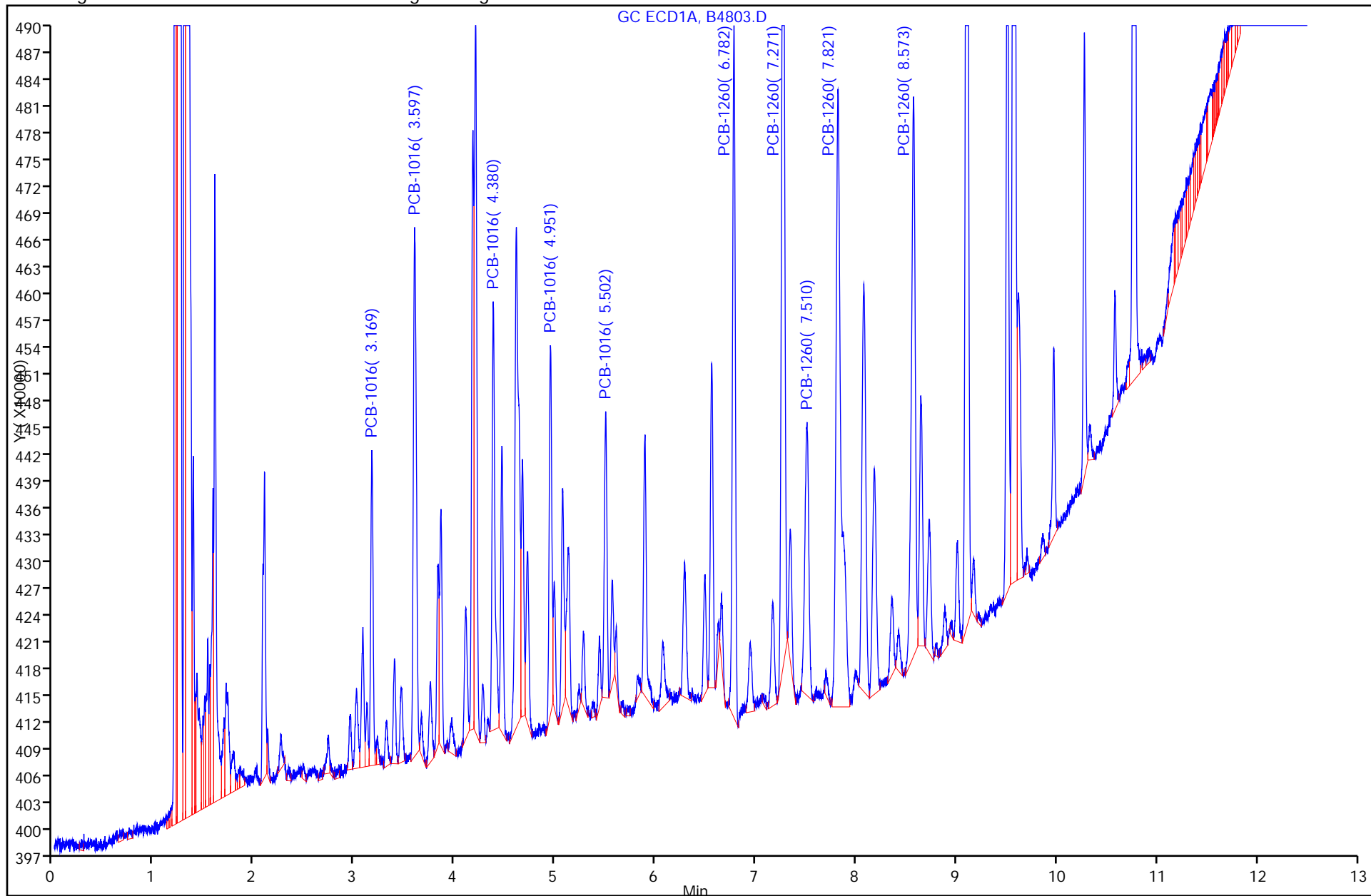
Lims Batch ID: 87982

Lims Sample ID: 1

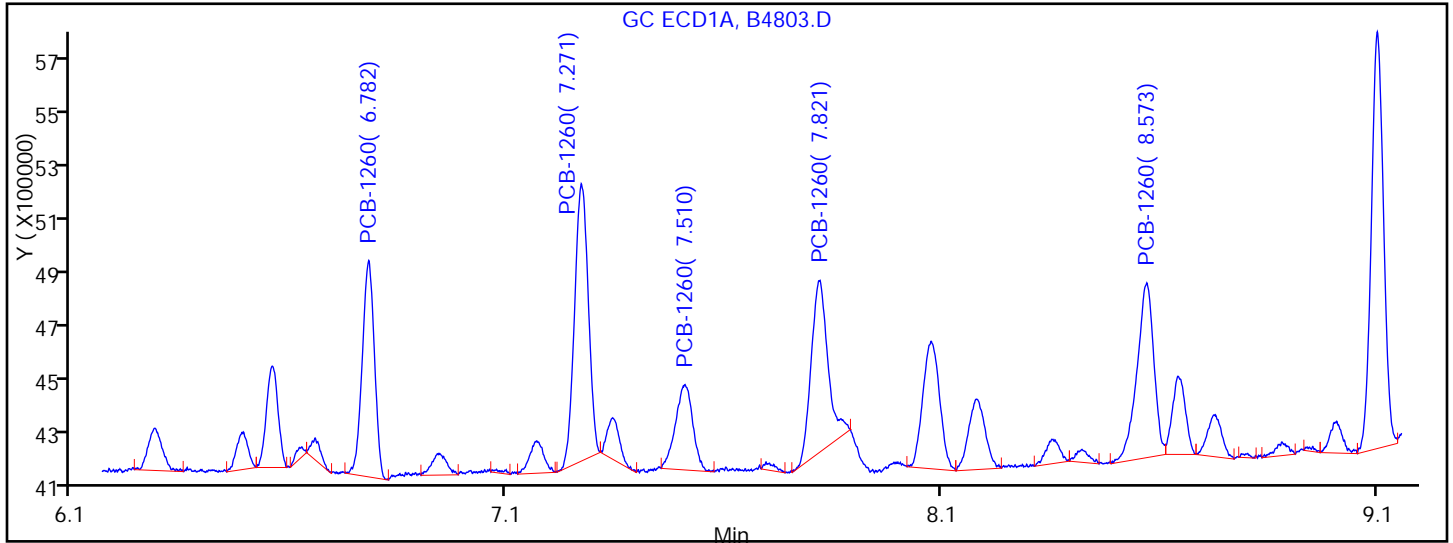
Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



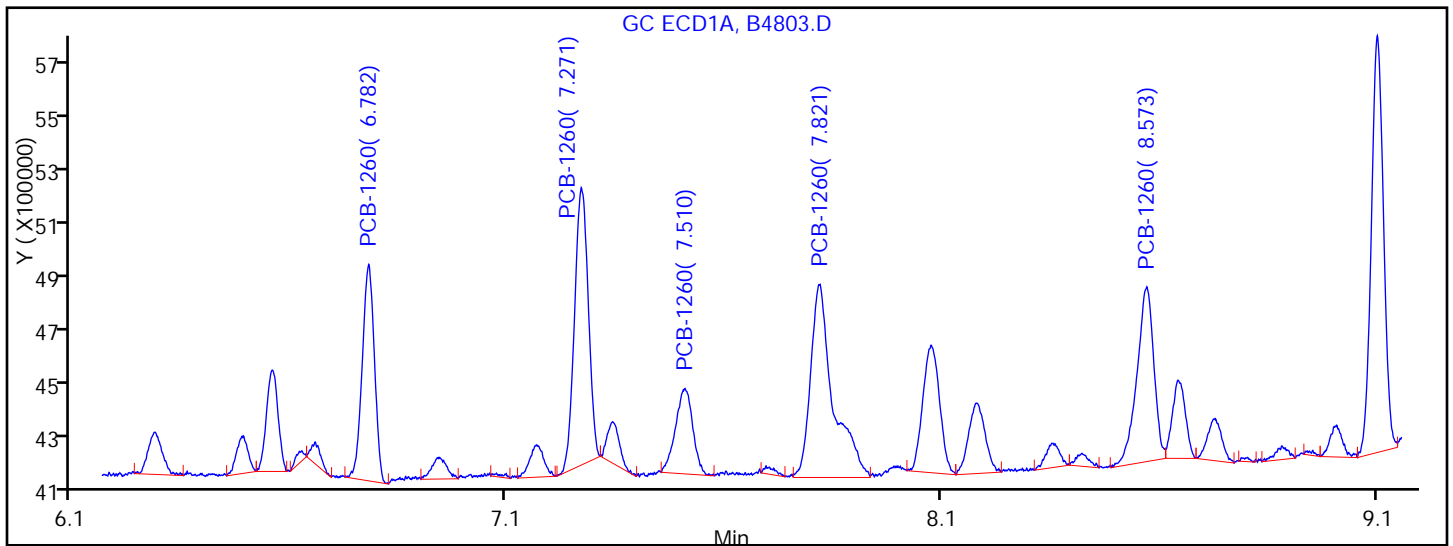
11 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.782	Response = 1496695
RT = 7.271	Response = 2168267
RT = 7.510	Response = 838097
RT = 7.821	Response = 1638824
RT = 8.573	Response = 1678980

M



Manual Integration Results

RT = 6.782	Response = 1496695
RT = 7.271	Response = 2168267
RT = 7.510	Response = 838097
RT = 7.821	Response = 2463375
RT = 8.573	Response = 1678980

M

Reviewer: iversc, 11-Oct-2011 15:30:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4804.D
 Lims ID: std50 Client ID:
 Inject. Date: 11-Oct-2011 13:40:43 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: std50
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 2
 Lims Batch ID: 87982 Lims Sample ID: 2
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:30:45 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:30:45

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.159	3.159	0.000	2058301	49.7		100.0	
1	2	3.584	3.584	0.000	4978230	54.7	186.9- 246.9	241.9	
1	3	4.367	4.367	0.000	3471330	49.5	143.8- 203.8	168.7	
1	4	4.939	4.937	0.002	2722538	49.5	106.7- 166.7	132.3	
1	5	5.490	5.489	0.001	1807239	48.3	55.8- 115.8	87.8	
Average of Peak Amounts =						50.3			
2	6	3.699	3.699	0.000	1458991	50.5		100.0	
2	7	4.270	4.271	-0.001	3140978	49.7	189.6- 249.6	215.3	
2	8	5.154	5.152	0.002	2698911	54.5	138.6- 198.6	185.0	
2	9	5.583	5.583	0.000	1117716	49.5	49.7- 109.7	76.6	
2	10	5.875	5.874	0.001	1972422	50.0	108.1- 168.1	135.2	
Average of Peak Amounts =						50.8			

RPD = 0.98

11 PCB-1260

1	1	6.769	6.768	0.001	5029324	48.6		100.0	
1	2	7.259	7.258	0.001	7501701	48.8	119.7- 179.7	149.2	
1	3	7.498	7.495	0.003	2780607	47.0	29.6- 89.6	55.3	
1	4	7.807	7.821	-0.014	7602428	47.4	126.4- 186.4	151.2	
1	5	8.564	8.561	0.003	4809136	48.3	64.1- 124.1	95.6	
Average of Peak Amounts =						48.0			
2	6	7.829	7.827	0.002	1837050	51.1		100.0	
2	7	8.197	8.196	0.001	3652771	48.7	163.4- 223.4	198.8	
2	8	8.628	8.627	0.001	4700260	49.8	201.9- 261.9	255.9	
2	9	9.349	9.347	0.002	3217238	48.4	146.4- 206.4	175.1	
2	10	9.739	9.737	0.002	3622849	48.8	153.8- 213.8	197.2	
Average of Peak Amounts =						49.4			

RPD = 2.71

Report Date: 11-Oct-2011 15:30:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4804.D

Injection Date: 11-Oct-2011 13:40:43

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

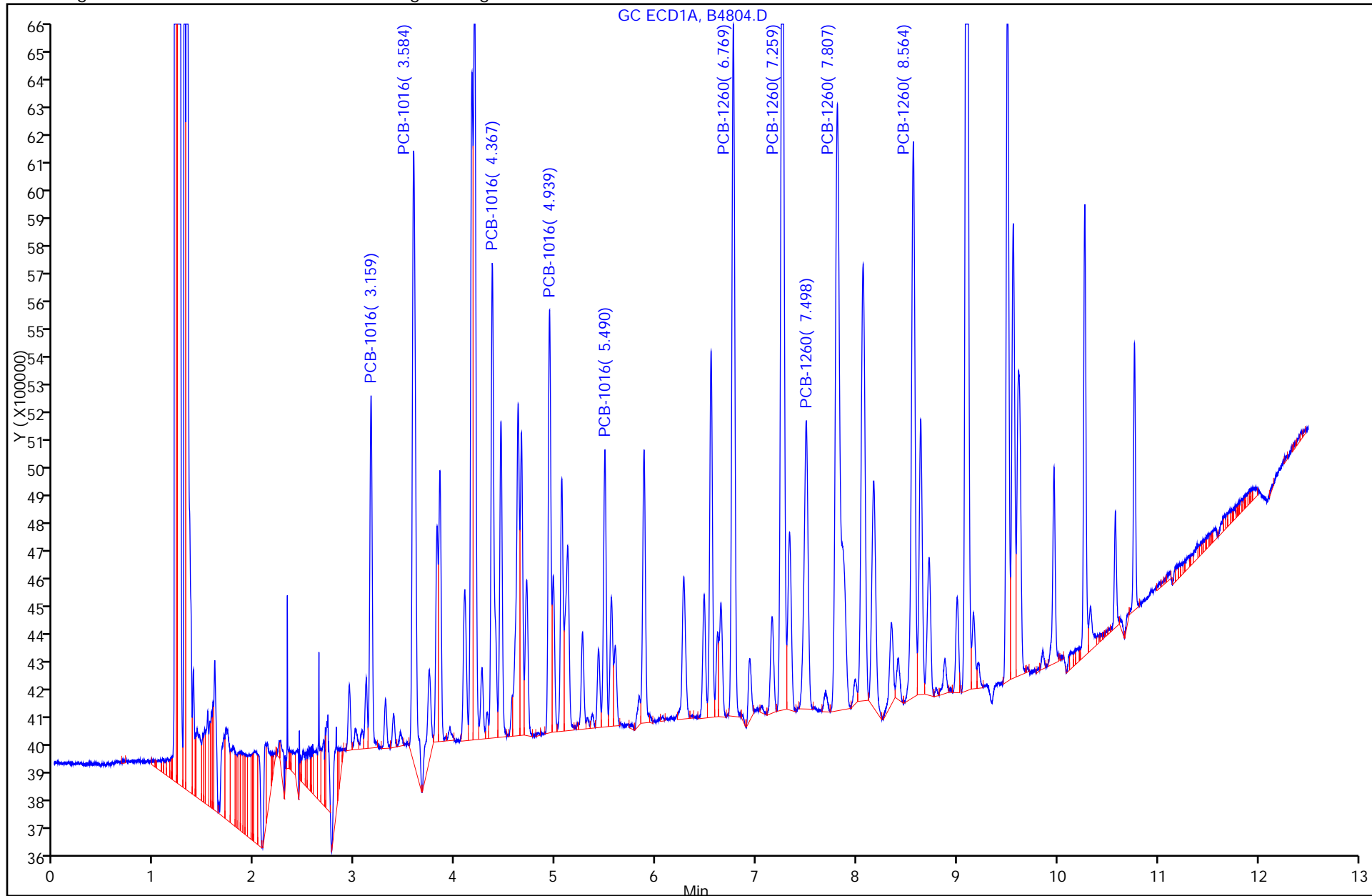
Lims Batch ID: 87982

Lims Sample ID: 2

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4805.D
 Lims ID: std100 Client ID:
 Inject. Date: 11-Oct-2011 13:55:50 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: std100
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 87982 Lims Sample ID: 3
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:31:04 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:31:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.159	3.159	0.000	3951267	100.2		100.0	
1	2	3.584	3.584	0.000	8557175	97.8	186.9- 246.9	216.6	
1	3	4.367	4.367	0.000	6837742	102.2	143.8- 203.8	173.1	
1	4	4.937	4.937	0.000	5385794	102.3	106.7- 166.7	136.3	
1	5	5.489	5.489	0.000	3584764	103.6	55.8- 115.8	90.7	
Average of Peak Amounts =						101.2			
2	6	3.699	3.699	0.000	2769515	101.7		100.0	
2	7	4.271	4.271	0.000	6063141	102.3	189.6- 249.6	218.9	
2	8	5.152	5.152	0.000	4655738	98.1	138.6- 198.6	168.1	
2	9	5.583	5.583	0.000	2138826	100.3	49.7- 109.7	77.2	
2	10	5.874	5.874	0.000	3688797	99.4	108.1- 168.1	133.2	
Average of Peak Amounts =						100.3			

RPD = 0.89

11 PCB-1260

1	1	6.768	6.768	0.000	9869220	101.6		100.0	
1	2	7.258	7.258	0.000	14847021	102.3	119.7- 179.7	150.4	
1	3	7.495	7.495	0.000	5738442	103.1	29.6- 89.6	58.1	
1	4	7.803	7.803	0.000	15156497	102.0	126.4- 186.4	153.6	
1	5	8.561	8.561	0.000	8928551	98.4	64.1- 124.1	90.5	
Average of Peak Amounts =						101.5			
2	6	7.827	7.827	0.000	3092456	90.9		100.0	
2	7	8.196	8.196	0.000	7023082	101.1	163.4- 223.4	227.1	
2	8	8.627	8.627	0.000	8940051	102.1	201.9- 261.9	289.1	
2	9	9.347	9.347	0.000	6306791	102.5	146.4- 206.4	203.9	
2	10	9.737	9.737	0.000	7062446	102.9	153.8- 213.8	228.4	
Average of Peak Amounts =						99.9			

RPD = 1.56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.567	9.567	0.000	19061895	10.0			
2	2	10.249	10.249	0.000	10142459	10.0			
							RPD = 0.14		

\$ 2 DCB Decachlorobiphenyl

1	1	10.767	10.767	0.000	17116313	10.0			
2	2	11.567	11.567	0.000	12150255	10.0			
							RPD = 0.02		

Report Date: 11-Oct-2011 15:31:04

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4805.D

Injection Date: 11-Oct-2011 13:55:50

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

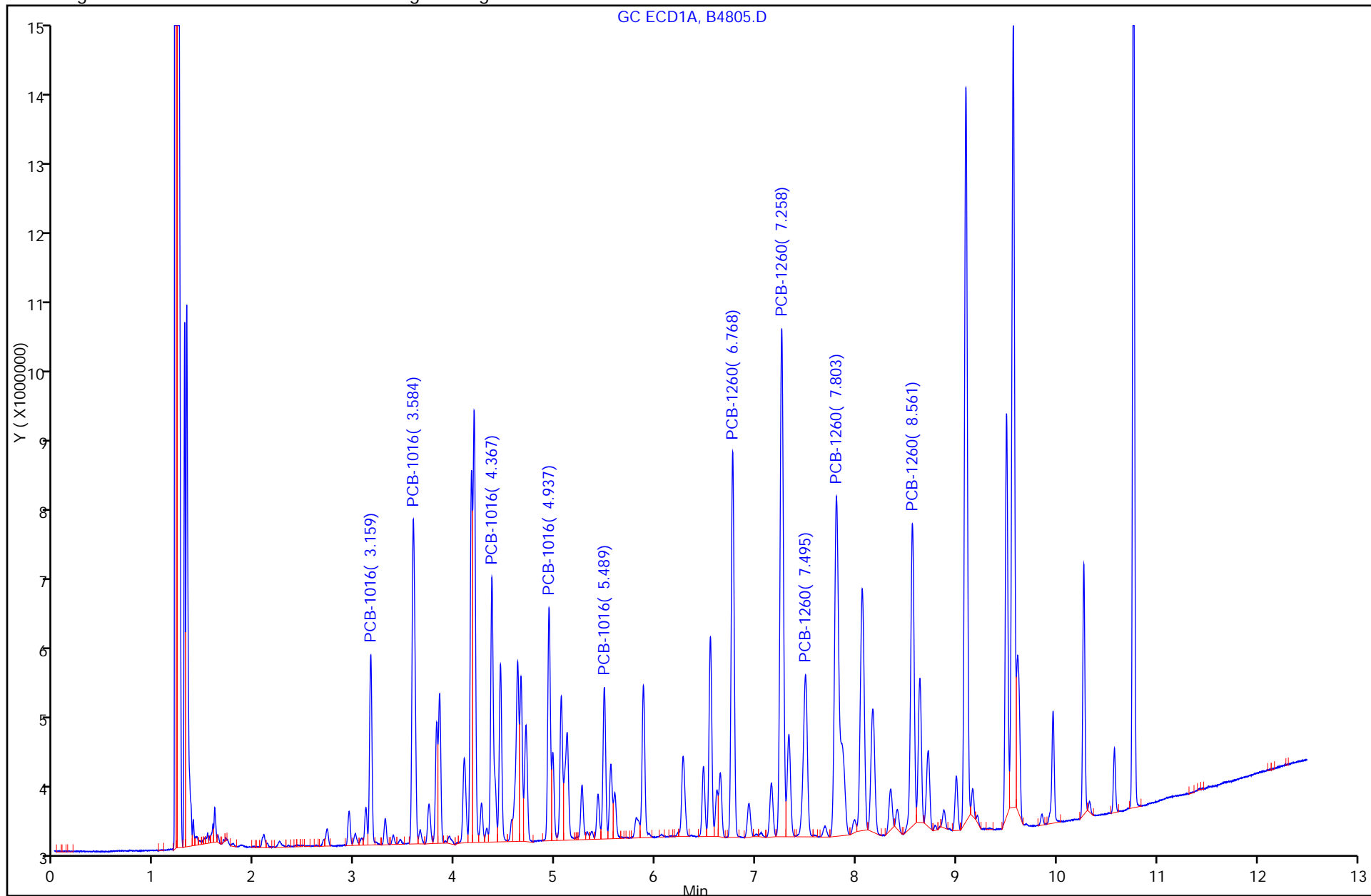
Lims Batch ID: 87982

Lims Sample ID: 3

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4806.D
 Lims ID: std250 Client ID:
 Inject. Date: 11-Oct-2011 14:11:07 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 4
 Sample ID: std250
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 87982 Lims Sample ID: 4
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:31:36 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:31:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.159	3.160	-0.001	9298152	243.1		100.0	
1	2	3.584	3.586	-0.002	19935066	235.9	186.9- 246.9	214.4	
1	3	4.367	4.368	-0.001	15936935	244.4	143.8- 203.8	171.4	
1	4	4.938	4.938	0.000	12507659	243.6	106.7- 166.7	134.5	
1	5	5.490	5.490	0.000	8185856	247.1	55.8- 115.8	88.0	
Average of Peak Amounts =						242.8			
2	6	3.700	3.699	0.001	6366088	243.8		100.0	
2	7	4.271	4.271	0.000	13886950	244.3	189.6- 249.6	218.1	
2	8	5.154	5.153	0.001	10701218	235.4	138.6- 198.6	168.1	
2	9	5.584	5.584	0.000	4990710	243.9	49.7- 109.7	78.4	
2	10	5.876	5.875	0.001	8749163	246.5	108.1- 168.1	137.4	
Average of Peak Amounts =						242.8			

RPD = 0.01

11 PCB-1260

1	1	6.769	6.770	-0.001	23070026	246.1		100.0	
1	2	7.256	7.258	-0.002	34406948	244.7	119.7- 179.7	149.1	
1	3	7.494	7.496	-0.002	13547673	250.0	29.6- 89.6	58.7	
1	4	7.804	7.821	-0.017	35650469	249.4	126.4- 186.4	154.5	
1	5	8.561	8.563	-0.002	21675031	252.4	64.1- 124.1	94.0	
Average of Peak Amounts =						248.5			
2	6	7.827	7.828	-0.001	8228655	253.0		100.0	
2	7	8.196	8.196	0.000	16245825	245.2	163.4- 223.4	197.4	
2	8	8.626	8.628	-0.002	20184863	242.8	201.9- 261.9	245.3	
2	9	9.347	9.348	-0.001	14300777	242.4	146.4- 206.4	173.8	
2	10	9.736	9.738	-0.002	15926951	244.1	153.8- 213.8	193.6	
Average of Peak Amounts =						245.5			

RPD = 1.23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

\$ 3 Dibutylchlorendate M
 1 1 9.568 9.568 0.000 104685081 60.1 M

2 2 10.251 10.251 0.000 50927759 58.5
 RPD = 2.84

\$ 2 DCB Decachlorobiphenyl

1 1 10.766 10.768 -0.002 83184076 58.0
 2 2 11.568 11.568 0.000 57290974 58.4
 RPD = 0.65

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 11-Oct-2011 15:31:36

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4806.D

Injection Date: 11-Oct-2011 14:11:07

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

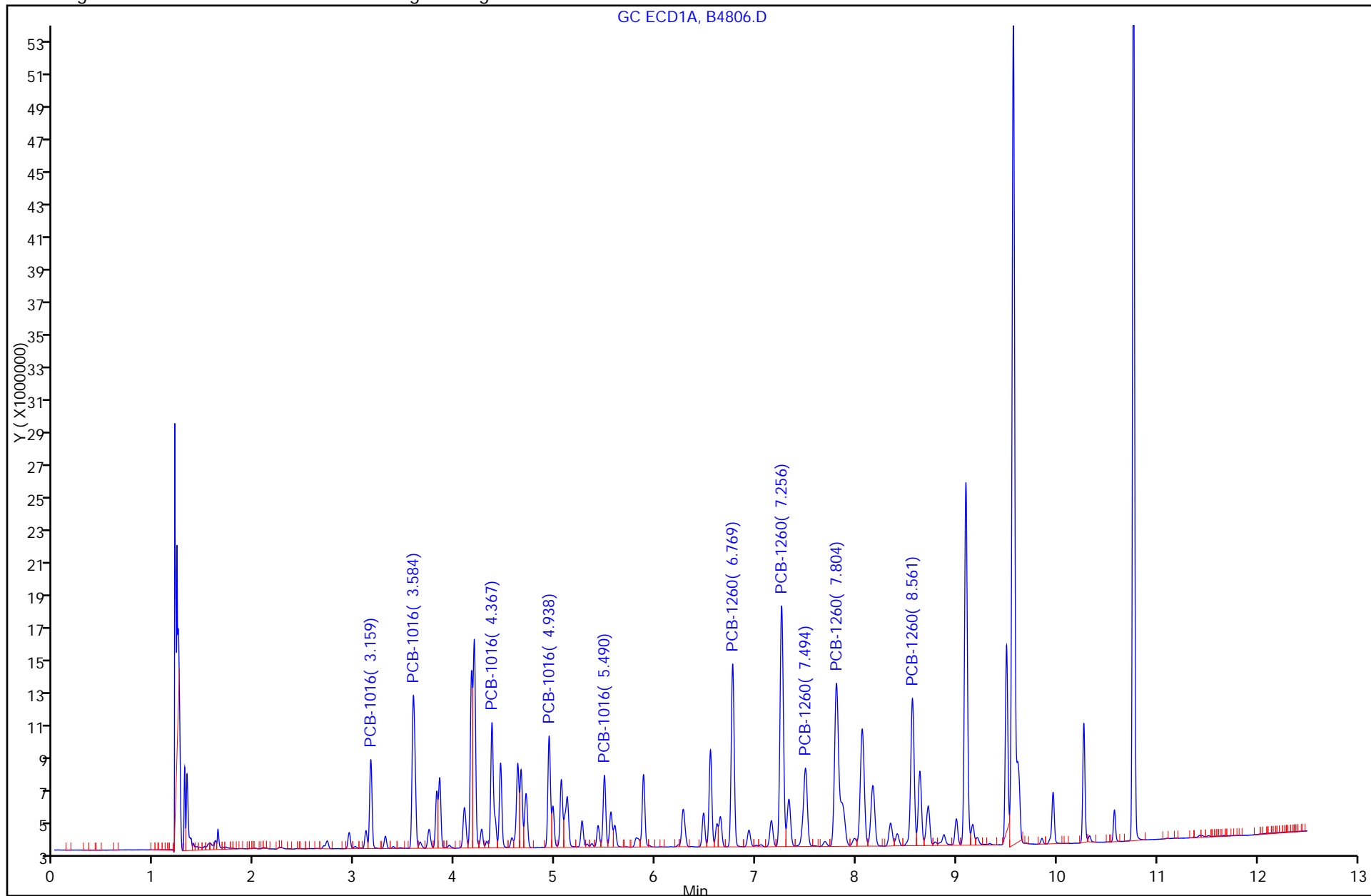
Lims Batch ID: 87982

Lims Sample ID: 4

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4806.D

Injection Date: 11-Oct-2011 14:11:07

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

Lims Batch ID: 87982

Lims Sample ID: 4

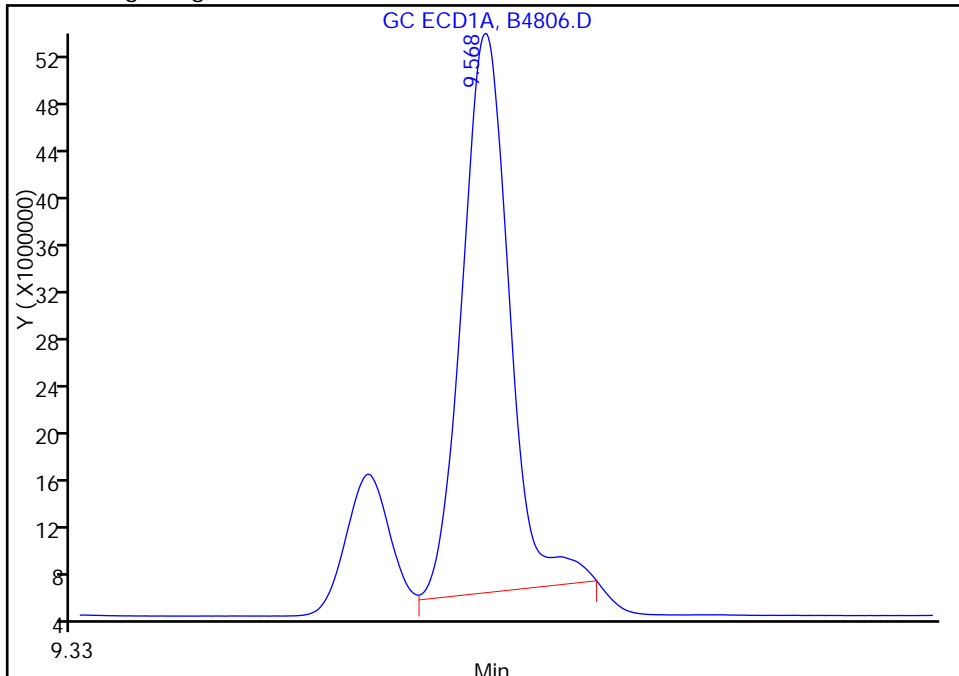
Operator ID:

Injection Vol: 1.00 ul

\$ 3 Dibutylchlorendate, Signal: 1, Type: quant, RT: 9.57, Det: GC ECD1A

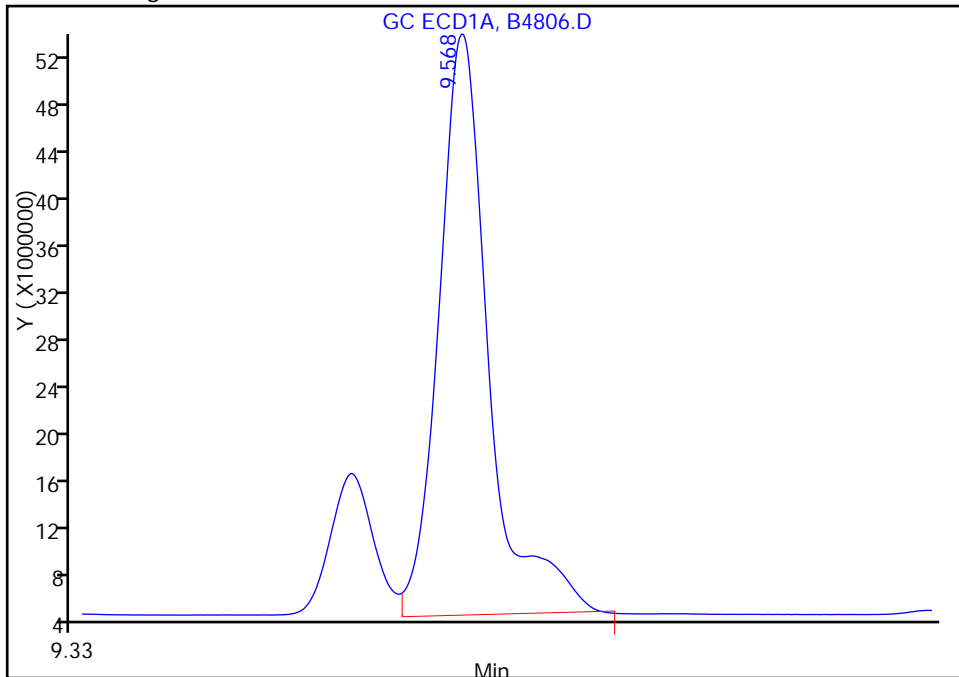
RT: 9.57
Response: 90403804
Amount: 57.696616

Processing Integration Results



RT: 9.57
Response: 104685081
Amount: 60.142579

Manual Integration Results



Reviewer: iversc, 11-Oct-2011 15:31:36
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4807.D
 Lims ID: std500 Client ID:
 Inject. Date: 11-Oct-2011 14:26:29 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: std500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 87982 Lims Sample ID: 5
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:31:52 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:31:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.161	3.160	0.001	19498587	515.7		100.0	
1	2	3.586	3.586	0.000	40279077	486.2	186.9- 246.9	206.6	
1	3	4.369	4.368	0.001	32260724	498.7	143.8- 203.8	165.5	
1	4	4.939	4.938	0.001	25435504	499.7	106.7- 166.7	130.4	
1	5	5.490	5.490	0.000	16242581	499.6	55.8- 115.8	83.3	
Average of Peak Amounts =						500.0			
2	6	3.700	3.699	0.001	12447145	490.3		100.0	
2	7	4.272	4.271	0.001	27497979	496.4	189.6- 249.6	220.9	
2	8	5.154	5.153	0.001	21309884	486.5	138.6- 198.6	171.2	
2	9	5.584	5.584	0.000	10114037	508.8	49.7- 109.7	81.3	
2	10	5.875	5.875	0.000	17391748	503.5	108.1- 168.1	139.7	
Average of Peak Amounts =						497.1			

RPD = 0.58

11 PCB-1260

1	1	6.769	6.770	-0.001	46775192	506.4		100.0	
1	2	7.259	7.258	0.001	69941509	504.2	119.7- 179.7	149.5	
1	3	7.496	7.496	0.000	27423408	506.8	29.6- 89.6	58.6	
1	4	7.804	7.821	-0.017	72221355	509.4	126.4- 186.4	154.4	
1	5	8.564	8.563	0.001	43506278	512.5	64.1- 124.1	93.0	
Average of Peak Amounts =						507.8			
2	6	7.827	7.828	-0.001	16778179	521.0		100.0	
2	7	8.196	8.196	0.000	32994622	509.5	163.4- 223.4	196.7	
2	8	8.627	8.628	-0.001	40015580	497.8	201.9- 261.9	238.5	
2	9	9.348	9.348	0.000	29503039	508.5	146.4- 206.4	175.8	
2	10	9.738	9.738	0.000	31728309	501.4	153.8- 213.8	189.1	
Average of Peak Amounts =						507.7			

RPD = 0.04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.569	9.568	0.001	139771618	77.9			
2	2	10.250	10.251	-0.001	69260611	81.0			
							RPD = 3.88		

\$ 2 DCB Decachlorobiphenyl

1	1	10.767	10.768	-0.001	115740253	81.5			
2	2	11.568	11.568	0.000	78389261	81.2			
							RPD = 0.39		

Report Date: 11-Oct-2011 15:31:52

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4807.D

Injection Date: 11-Oct-2011 14:26:29

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

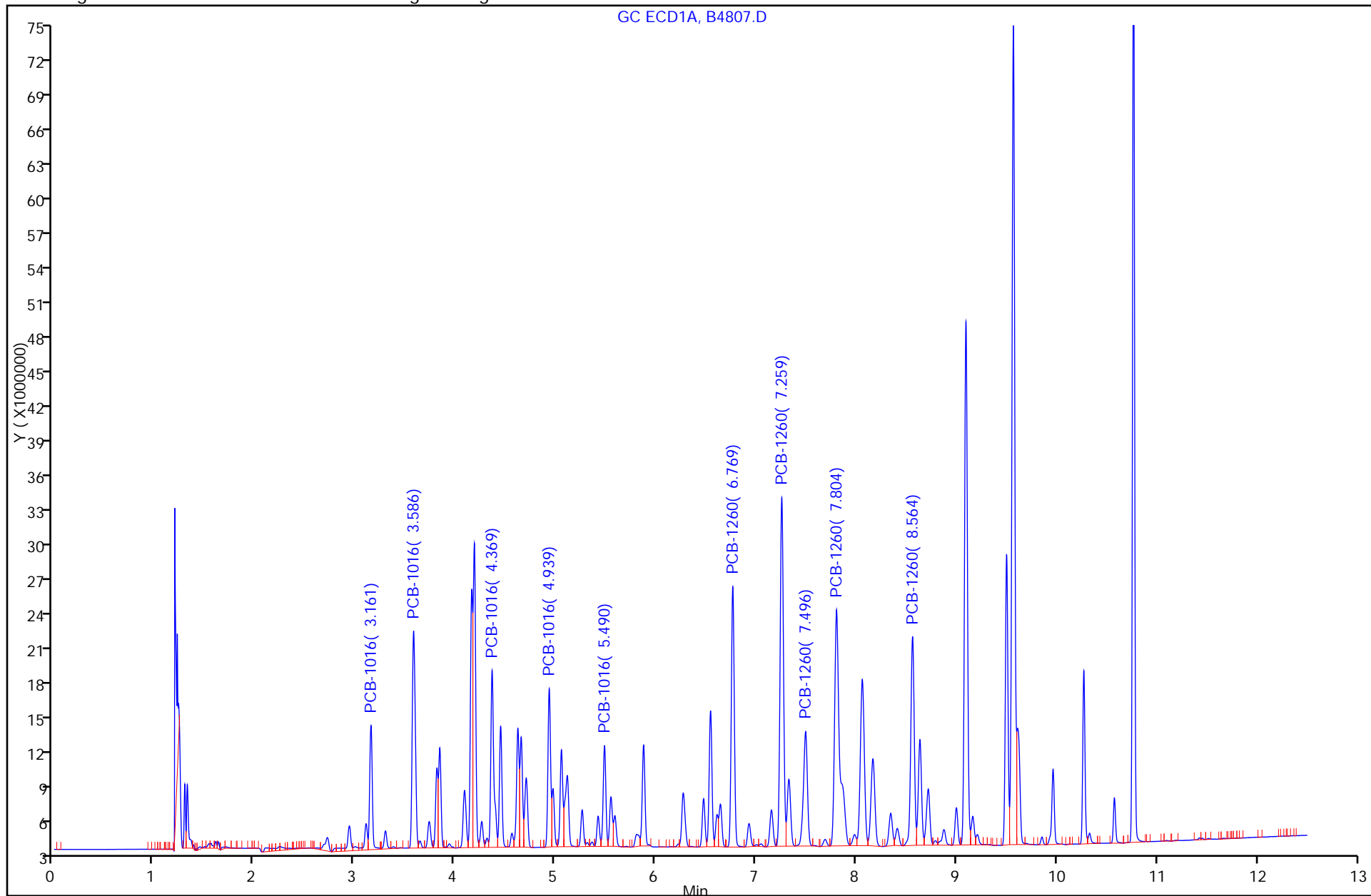
Lims Batch ID: 87982

Lims Sample ID: 5

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4808.D
 Lims ID: std1000 Client ID:
 Inject. Date: 11-Oct-2011 14:41:54 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: std1000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 6
 Lims Batch ID: 87982 Lims Sample ID: 6
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:32:10 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:32:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.160	3.160	0.000	38118592	1013.4		100.0	
1	2	3.586	3.586	0.000	82665255	1023.4	186.9- 246.9	216.9	
1	3	4.368	4.368	0.000	66245621	1025.2	143.8- 203.8	173.8	
1	4	4.938	4.938	0.000	52123236	1027.2	106.7- 166.7	136.7	
1	5	5.490	5.490	0.000	32717009	1021.1	55.8- 115.8	85.8	
Average of Peak Amounts =						1022.1			
2	6	3.699	3.699	0.000	25070020	1029.6		100.0	
2	7	4.271	4.271	0.000	55063984	1027.7	189.6- 249.6	219.6	
2	8	5.153	5.153	0.000	42273735	1028.7	138.6- 198.6	168.6	
2	9	5.584	5.584	0.000	19988056	1047.3	49.7- 109.7	79.7	
2	10	5.875	5.875	0.000	34621923	1039.5	108.1- 168.1	138.1	
Average of Peak Amounts =						1034.6			

RPD = 1.22

11 PCB-1260

1	1	6.770	6.770	0.000	94822260	1036.7		100.0	
1	2	7.258	7.258	0.000	141952007	1032.7	119.7- 179.7	149.7	
1	3	7.496	7.496	0.000	56510308	1029.5	29.6- 89.6	59.6	
1	4	7.805	7.805	0.000	148313383	1038.3	126.4- 186.4	156.4	
1	5	8.563	8.563	0.000	89226920	1042.5	64.1- 124.1	94.1	
Average of Peak Amounts =						1035.9			
2	6	7.828	7.828	0.000	34323875	1064.2		100.0	
2	7	8.196	8.196	0.000	66388028	1046.6	163.4- 223.4	193.4	
2	8	8.628	8.628	0.000	79611203	1037.4	201.9- 261.9	231.9	
2	9	9.348	9.348	0.000	60559647	1051.7	146.4- 206.4	176.4	
2	10	9.738	9.738	0.000	63094707	1036.9	153.8- 213.8	183.8	
Average of Peak Amounts =						1047.4			

RPD = 1.10

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4808.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.568	9.568	0.000	196259922	104.1			
2	2	10.251	10.251	0.000	88394942	105.0			
							RPD =	0.83	

\$ 2 DCB Decachlorobiphenyl

1	1	10.768	10.768	0.000	149021799	105.6			
2	2	11.568	11.568	0.000	99916338	104.7			
							RPD =	0.80	

Report Date: 11-Oct-2011 15:32:10

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4808.D

Injection Date: 11-Oct-2011 14:41:54

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

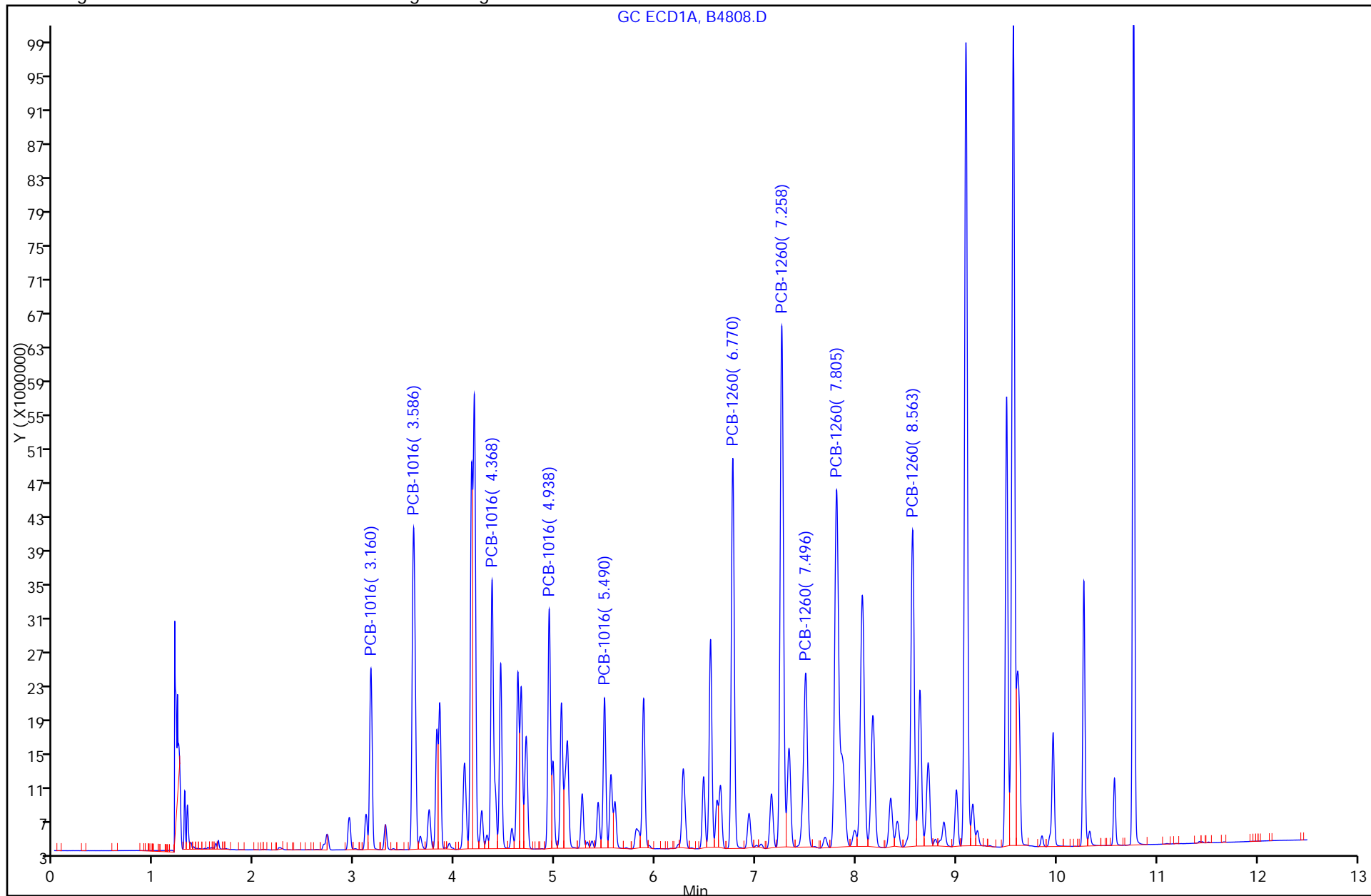
Lims Batch ID: 87982

Lims Sample ID: 6

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Lims ID: std1500 Client ID:
 Inject. Date: 11-Oct-2011 14:57:23 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 7
 Sample ID: std1500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 87982 Lims Sample ID: 7
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:32:27 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:32:27

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.161	3.159	0.002	55481719	1477.8		100.0	
1	2	3.587	3.584	0.003	119089960	1503.4	186.9- 246.9	214.6	
1	3	4.369	4.367	0.002	95811618	1480.1	143.8- 203.8	172.7	
1	4	4.939	4.937	0.002	74979009	1477.7	106.7- 166.7	135.1	
1	5	5.492	5.489	0.003	47036030	1480.1	55.8- 115.8	84.8	
Average of Peak Amounts =						1483.8			
2	6	3.701	3.699	0.002	34976696	1484.0		100.0	
2	7	4.272	4.271	0.001	77276843	1479.0	189.6- 249.6	220.9	
2	8	5.154	5.152	0.002	58361658	1501.0	138.6- 198.6	166.9	
2	9	5.584	5.583	0.001	26846373	1446.9	49.7- 109.7	76.8	
2	10	5.876	5.874	0.002	47358367	1459.0	108.1- 168.1	135.4	
Average of Peak Amounts =						1474.0			

RPD = 0.67

11 PCB-1260

1	1	6.770	6.768	0.002	132966781	1460.4		100.0	
1	2	7.259	7.258	0.001	200799101	1467.1	119.7- 179.7	151.0	
1	3	7.497	7.495	0.002	81608551	1464.9	29.6- 89.6	61.4	
1	4	7.806	7.803	0.003	209829450	1454.9	126.4- 186.4	157.8	
1	5	8.564	8.561	0.003	125276824	1447.7	64.1- 124.1	94.2	
Average of Peak Amounts =						1459.0			
2	6	7.828	7.827	0.001	46004433	1420.9		100.0	
2	7	8.197	8.196	0.001	90757821	1447.7	163.4- 223.4	197.3	
2	8	8.627	8.627	0.000	108939608	1468.5	201.9- 261.9	236.8	
2	9	9.348	9.347	0.001	83145572	1446.5	146.4- 206.4	180.7	
2	10	9.738	9.737	0.001	86656411	1464.1	153.8- 213.8	188.4	
Average of Peak Amounts =						1449.5			

RPD = 0.65

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.568	9.568	0.000	227797168	117.8			
2	2	10.251	10.249	0.002	96623069	115.5			
							RPD = 1.95		

\$ 2 DCB Decachlorobiphenyl

1	1	10.767	10.767	0.000	161924076	114.9			
2	2	11.568	11.567	0.001	109863148	115.7			
							RPD = 0.68		

Report Date: 11-Oct-2011 15:32:27

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D

Injection Date: 11-Oct-2011 14:57:23

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

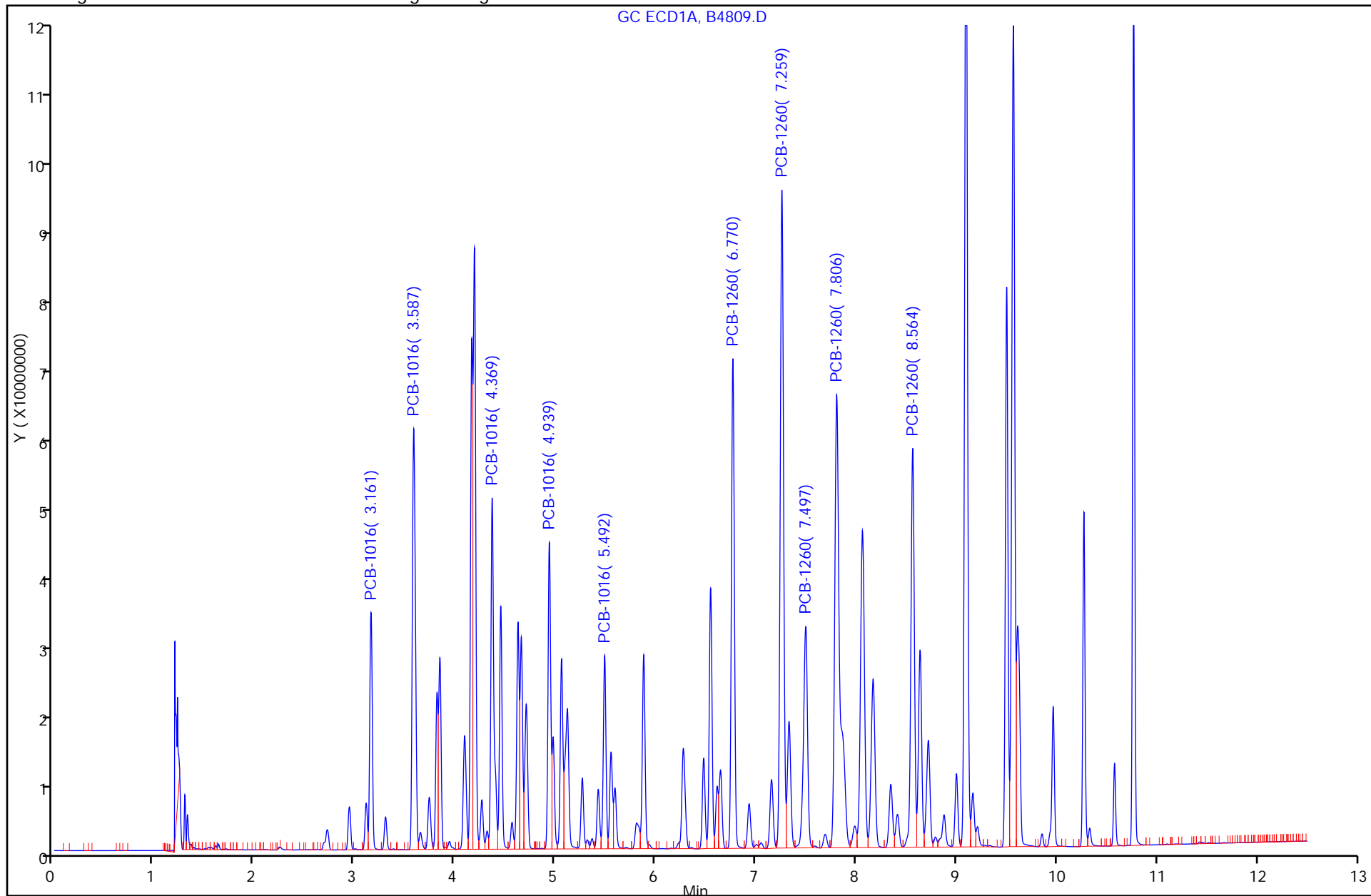
Lims Batch ID: 87982

Lims Sample ID: 7

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4810.D
 Lims ID: std2000 Client ID:
 Inject. Date: 11-Oct-2011 15:12:45 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std2000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 8
 Lims Batch ID: 87982 Lims Sample ID: 8
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:33:26 Calib Date: 11-Oct-2011 15:12:45
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4810.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:33:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.158	3.159	-0.001	70152563	1942.6		100.0	
1	2	3.583	3.584	-0.001	151475595	1977.5	186.9- 246.9	215.9	
1	3	4.366	4.367	-0.001	124273005	1963.7	143.8- 203.8	177.1	
1	4	4.936	4.937	-0.001	97333963	1964.5	106.7- 166.7	138.7	
1	5	5.488	5.489	-0.001	61668024	1981.1	55.8- 115.8	87.9	
Average of Peak Amounts =						1965.9			
2	6	3.698	3.699	-0.001	44380277	1977.6		100.0	
2	7	4.270	4.271	-0.001	97749760	1964.0	189.6- 249.6	220.3	
2	8	5.152	5.152	0.000	75884803	2037.8	138.6- 198.6	171.0	
2	9	5.583	5.583	0.000	35170133	1986.3	49.7- 109.7	79.2	
2	10	5.874	5.874	0.000	62005951	1987.9	108.1- 168.1	139.7	
Average of Peak Amounts =						1990.7			

RPD = 1.26

11 PCB-1260

1	1	6.768	6.768	0.000	177169652	1981.0		100.0	
1	2	7.257	7.258	-0.001	270053146	1992.4	119.7- 179.7	152.4	
1	3	7.495	7.495	0.000	109825531	1974.3	29.6- 89.6	62.0	
1	4	7.804	7.803	0.001	283421590	1975.3	126.4- 186.4	160.0	
1	5	8.561	8.561	0.000	168577813	1966.2	64.1- 124.1	95.2	
Average of Peak Amounts =						1977.8			
2	6	7.826	7.827	-0.001	61674674	1953.7		100.0	
2	7	8.194	8.196	-0.002	120549837	1978.7	163.4- 223.4	195.5	
2	8	8.626	8.627	-0.001	145190861	2019.1	201.9- 261.9	235.4	
2	9	9.346	9.347	-0.001	111116283	1972.6	146.4- 206.4	180.2	
2	10	9.736	9.737	-0.001	116041581	2013.3	153.8- 213.8	188.2	
Average of Peak Amounts =						1987.5			

RPD = 0.49

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4810.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1 1 9.568

2 2 10.249

\$ 2 DCB Decachlorobiphenyl

1 1 10.767

2 2 11.567

Report Date: 11-Oct-2011 15:33:26

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4810.D

Injection Date: 11-Oct-2011 15:12:45

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

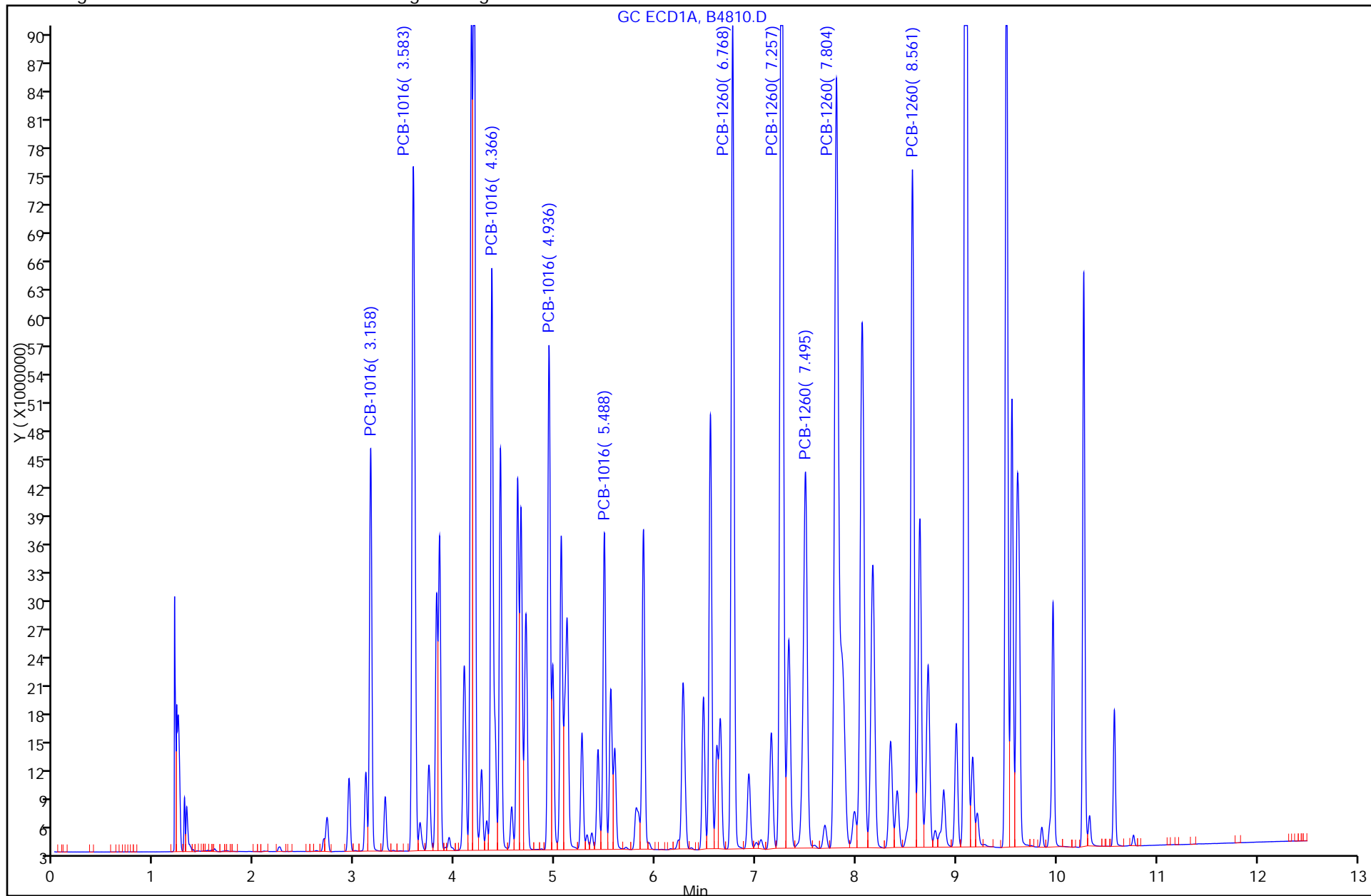
Lims Batch ID: 87982

Lims Sample ID: 8

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4811.D
 Lims ID: std3000 Client ID:
 Inject. Date: 11-Oct-2011 15:28:10 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 9
 Sample ID: std3000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 9
 Lims Batch ID: 87982 Lims Sample ID: 9
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:46:19 Calib Date: 11-Oct-2011 15:28:10
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4811.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:46:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.157	3.159	-0.002	103782771	2982.7		100.0	
1	2	3.583	3.584	-0.001	225024473	3039.5	186.9- 246.9	216.8	
1	3	4.367	4.367	0.000	183868956	2975.0	143.8- 203.8	177.2	
1	4	4.937	4.937	0.000	143446130	2975.0	106.7- 166.7	138.2	
1	5	5.489	5.489	0.000	90581980	2991.5	55.8- 115.8	87.3	
Average of Peak Amounts =						2992.7			
2	6	3.697	3.699	-0.002	65623167	3087.2		100.0	
2	7	4.269	4.271	-0.002	142705311	3041.9	189.6- 249.6	217.5	
2	8	5.152	5.152	0.000	108906772	3132.4	138.6- 198.6	166.0	
2	9	5.582	5.583	-0.001	50616189	3047.8	49.7- 109.7	77.1	
2	10	5.874	5.874	0.000	91005565	3055.8	108.1- 168.1	138.7	
Average of Peak Amounts =						3073.0			

RPD = 2.65

11 PCB-1260

1	1	6.768	6.768	0.000	260458380	2984.9		100.0	
1	2	7.257	7.258	-0.001	396741938	2983.9	119.7- 179.7	152.3	
1	3	7.495	7.495	0.000	161728598	2939.2	29.6- 89.6	62.1	
1	4	7.804	7.803	0.001	416449862	2946.3	126.4- 186.4	159.9	
1	5	8.562	8.561	0.001	247218726	2937.5	64.1- 124.1	94.9	
Average of Peak Amounts =						2958.3			
2	6	7.827	7.827	0.000	92330917	2979.0		100.0	
2	7	8.196	8.196	0.000	174997901	2991.5	163.4- 223.4	189.5	
2	8	8.627	8.627	0.000	211528089	3070.3	201.9- 261.9	229.1	
2	9	9.347	9.347	0.000	161202367	2959.7	146.4- 206.4	174.6	
2	10	9.737	9.737	0.000	167456196	3035.2	153.8- 213.8	181.4	
Average of Peak Amounts =						3007.2			

RPD = 1.64

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4811.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1 1 9.568

2 2 10.249

\$ 2 DCB Decachlorobiphenyl

1 1 10.767

2 2 11.567

Report Date: 11-Oct-2011 15:46:23

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4811.D

Injection Date: 11-Oct-2011 15:28:10

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

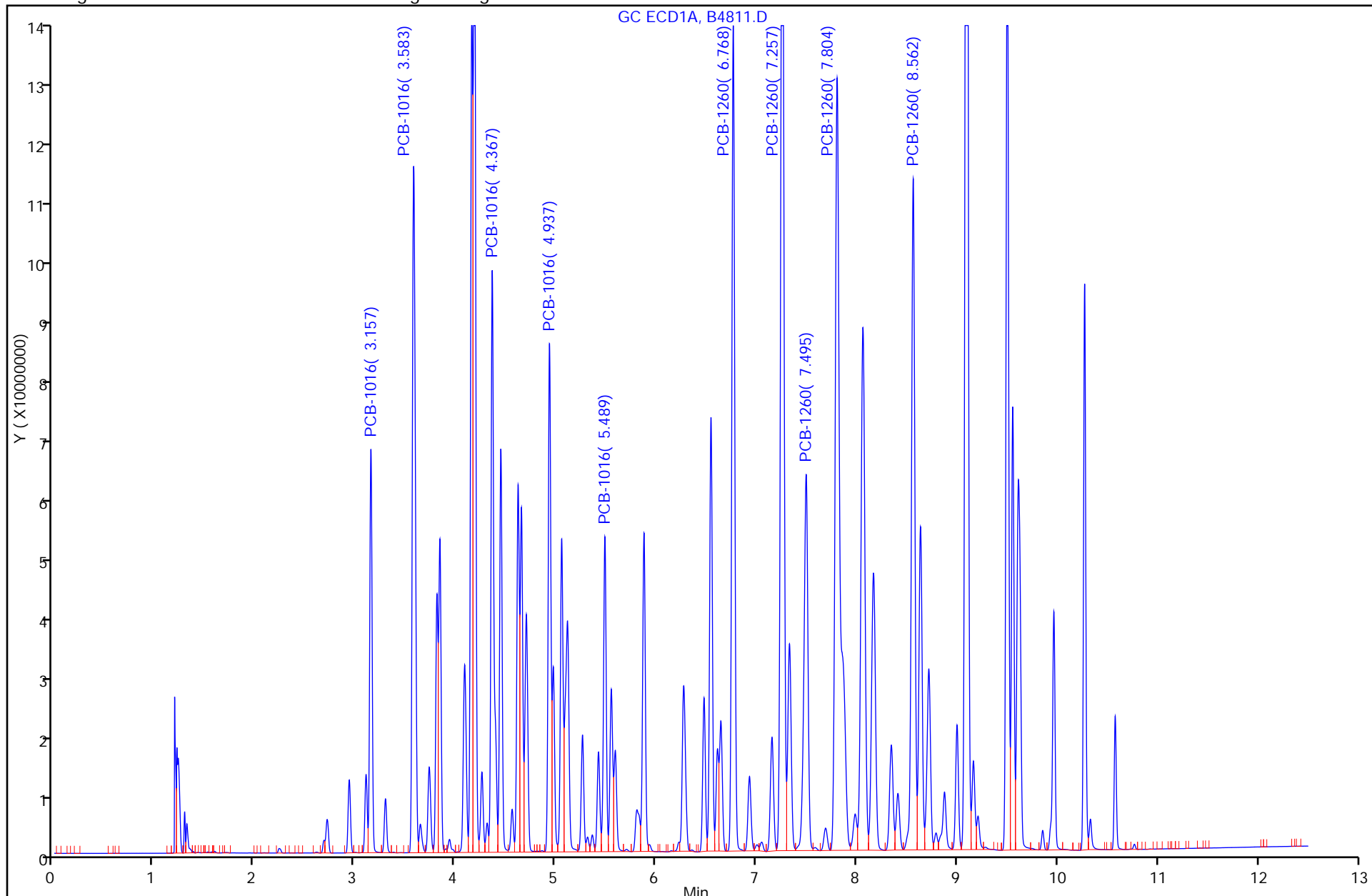
Lims Batch ID: 87982

Lims Sample ID: 9

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:43 Calibration End Date: 10/11/2011 15:43 Calibration ID: 4313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-87982/10	B4812.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.247										2.147 - 2.347	2.247
PCB-1221 Peak 2	2.941										2.841 - 3.041	2.941
PCB-1221 Peak 3	3.108										3.008 - 3.208	3.108
PCB-1221 Peak 4	3.156										3.056 - 3.256	3.156
PCB-1221 Peak 5	4.366										4.266 - 4.466	4.366

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:43 Calibration End Date: 10/11/2011 15:43 Calibration ID: 4313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-87982/10	B4812.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	17151				Ave		17151.3310						10.0			
PCB-1221 Peak 2	22930				Ave		22929.6540						10.0			
PCB-1221 Peak 3	14032				Ave		14031.6215						10.0			
PCB-1221 Peak 4	54119				Ave		54119.1420						10.0			
PCB-1221 Peak 5	4254.8				Ave		4254.84150						10.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:43 Calibration End Date: 10/11/2011 15:43 Calibration ID: 4313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-87982/10	B4812.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	34302662					2000				
PCB-1221 Peak 2	Ave	45859308					2000				
PCB-1221 Peak 3	Ave	28063243					2000				
PCB-1221 Peak 4	Ave	108238284					2000				
PCB-1221 Peak 5	Ave	8509683					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4812.D
 Lims ID: std1221 Client ID:
 Inject. Date: 11-Oct-2011 15:43:15 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1221
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 10
 Lims Batch ID: 87982 Lims Sample ID: 10
 Sublist: chrom-PCBS*sub2
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 16:05:38 Calib Date: 11-Oct-2011 15:43:15
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4812.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 16:05:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
5 PCB-1221									M
1	1	2.247	2.247	0.000	34302662	2000.0		100.0	M
1	2	2.941	2.941	0.000	45859308	2000.0	0.0- 30.0	133.7	
1	3	3.108	3.108	0.000	28063243	2000.0	0.0- 30.0	81.8	
1	4	3.156	3.156	0.000	108238284	2000.0	0.0- 30.0	315.5	
1	5	4.366	4.366	0.000	8509683	2000.0	0.0- 30.0	24.8	
Average of Peak Amounts =						2000.0			
2	6	2.501	2.501	0.000	22822912	2000.0		100.0	
2	7	2.927	2.927	0.000	7399309	2000.0	0.0- 30.0	32.4	
2	8	3.422	3.422	0.000	30090350	2000.0	0.0- 30.0	131.8	
2	9	3.613	3.613	0.000	18808893	2000.0	0.0- 30.0	82.4	
2	10	3.697	3.697	0.000	68568594	2000.0	0.0- 30.0	300.4	
Average of Peak Amounts =						2000.0			
						RPD = 0.00			

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 11-Oct-2011 16:05:39

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4812.D

Injection Date: 11-Oct-2011 15:43:15

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

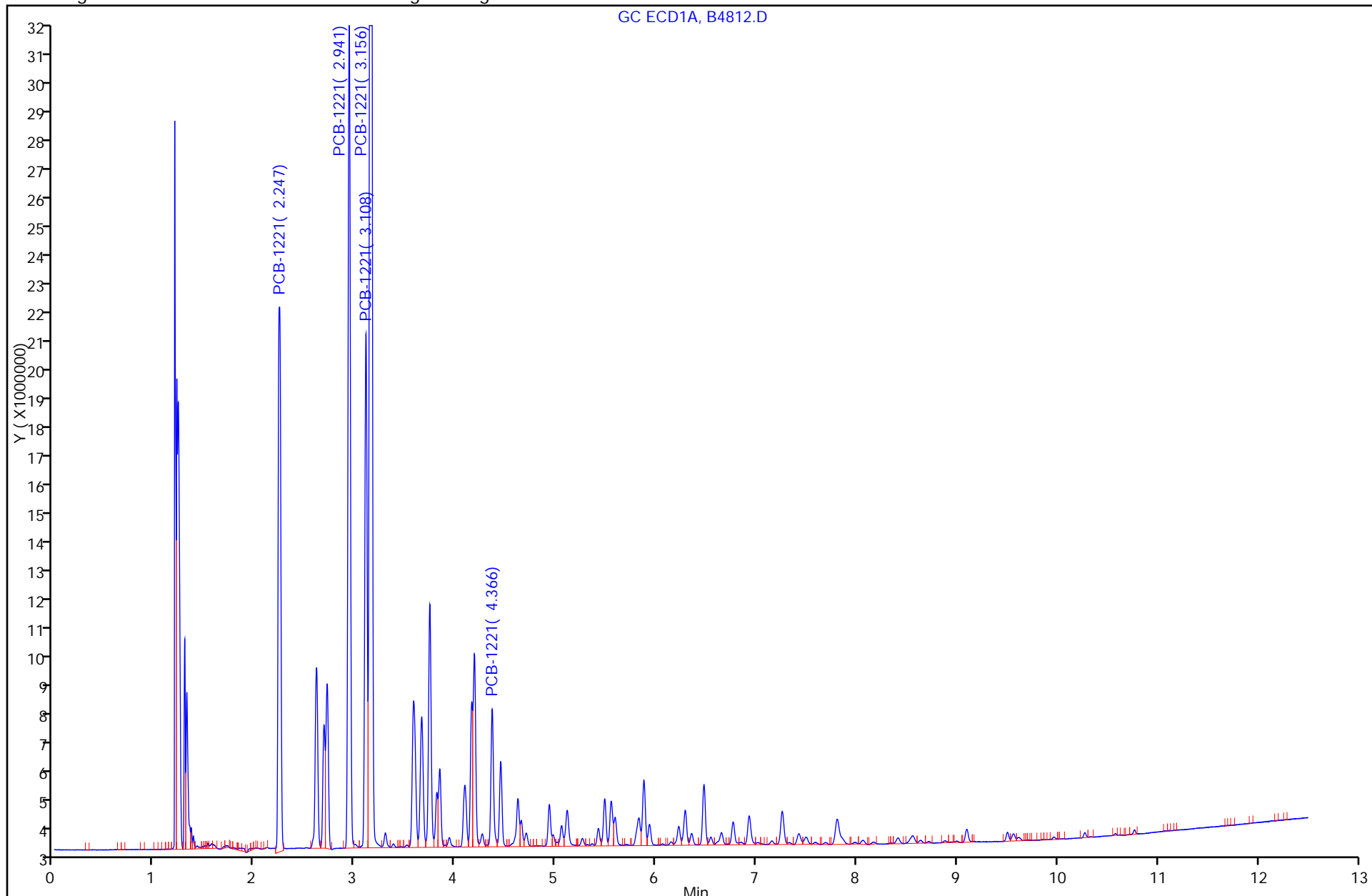
Lims Batch ID: 87982

Lims Sample ID: 10

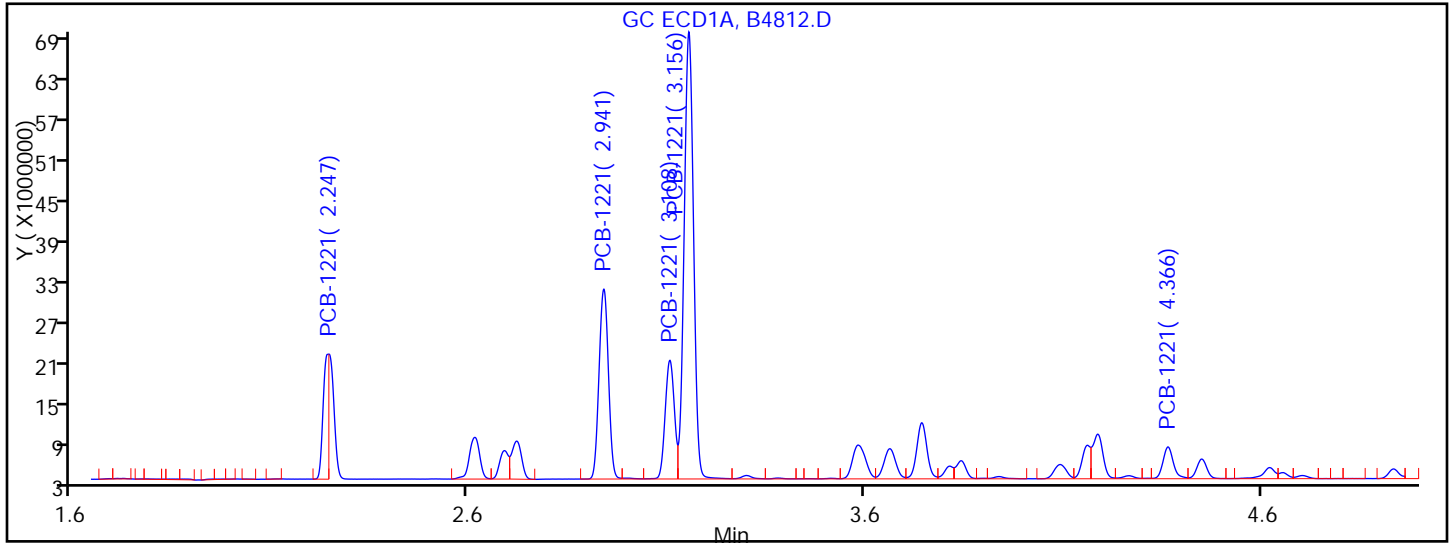
Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2

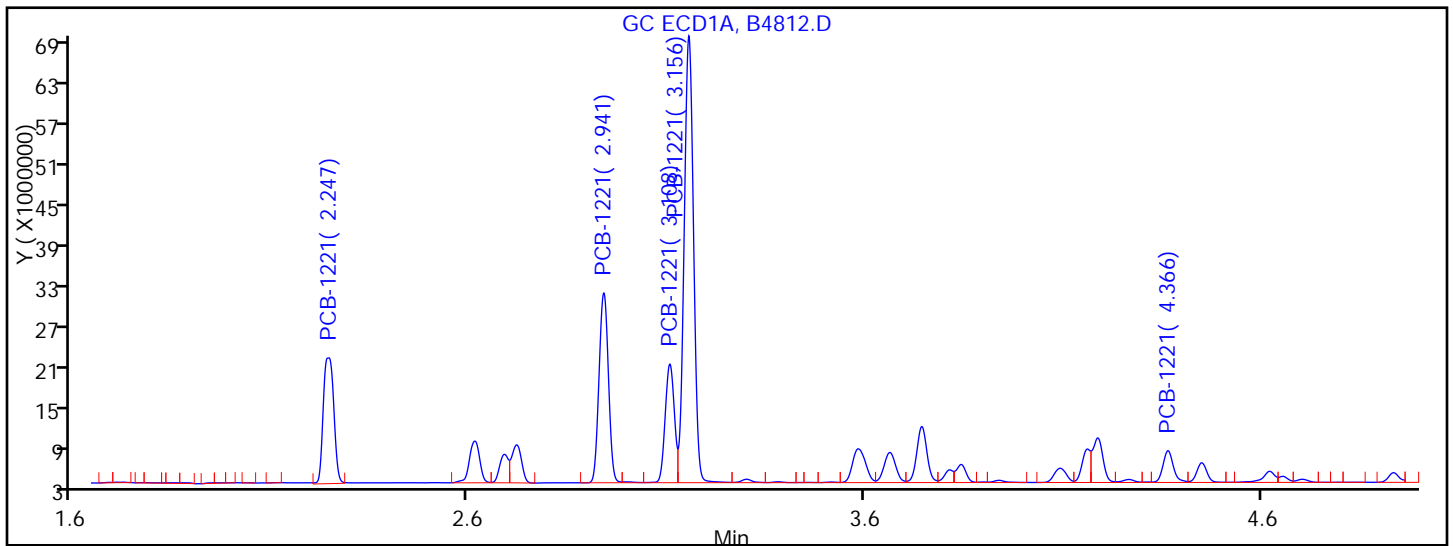


5 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 2.247	Response = 17428467	M
RT = 2.941	Response = 45859308	
RT = 3.108	Response = 28063243	
RT = 3.156	Response = 108238284	
RT = 4.366	Response = 8509683	



Manual Integration Results

RT = 2.247	Response = 34302662	M
RT = 2.941	Response = 45859308	
RT = 3.108	Response = 28063243	
RT = 3.156	Response = 108238284	
RT = 4.366	Response = 8509683	

Reviewer: iversc, 11-Oct-2011 16:05:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:58 Calibration End Date: 10/11/2011 15:58 Calibration ID: 4317

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-87982/11	B4813.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.942										2.842 - 3.042	2.942
PCB-1232 Peak 2	3.158										3.058 - 3.258	3.158
PCB-1232 Peak 3	3.583										3.483 - 3.683	3.583
PCB-1232 Peak 4	4.367										4.267 - 4.467	4.367
PCB-1232 Peak 5	4.453										4.353 - 4.553	4.453

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:58 Calibration End Date: 10/11/2011 15:58 Calibration ID: 4317

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-87982/11	B4813.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	13392				Ave		13392.4075						10.0			
PCB-1232 Peak 2	41757				Ave		41756.5095						10.0			
PCB-1232 Peak 3	36704				Ave		36703.7750						10.0			
PCB-1232 Peak 4	29567				Ave		29567.0520						10.0			
PCB-1232 Peak 5	17872				Ave		17872.1520						10.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:58 Calibration End Date: 10/11/2011 15:58 Calibration ID: 4317

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-87982/11	B4813.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	26784815					2000				
PCB-1232 Peak 2	Ave	83513019					2000				
PCB-1232 Peak 3	Ave	73407550					2000				
PCB-1232 Peak 4	Ave	59134104					2000				
PCB-1232 Peak 5	Ave	35744304					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4813.D
 Lims ID: std1232 Client ID:
 Inject. Date: 11-Oct-2011 15:58:43 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1232
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 11
 Lims Batch ID: 87982 Lims Sample ID: 11
 Sublist: chrom-PCBS*sub3
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 16:46:46 Calib Date: 11-Oct-2011 16:29:18
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 16:46:46

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
7 PCB-1232									
1	1	2.942	2.942	0.000	26784815	2000.0		100.0	
1	2	3.158	3.158	0.000	83513019	2000.0	0.0- 30.0	311.8	
1	3	3.583	3.583	0.000	73407550	2000.0	0.0- 30.0	274.1	
1	4	4.367	4.367	0.000	59134104	2000.0	0.0- 30.0	220.8	
1	5	4.453	4.453	0.000	35744304	2000.0	0.0- 30.0	133.4	
Average of Peak Amounts =						2000.0			
2	6	2.502	2.502	0.000	12350781	2000.0		100.0	
2	7	3.698	3.698	0.000	53035070	2000.0	0.0- 30.0	429.4	
2	8	4.269	4.269	0.000	51127692	2000.0	0.0- 30.0	414.0	
2	9	5.153	5.153	0.000	37946327	2000.0	0.0- 30.0	307.2	
2	10	5.874	5.874	0.000	29345220	2000.0	0.0- 30.0	237.6	
Average of Peak Amounts =						2000.0			
RPD = 0.00									

Report Date: 11-Oct-2011 16:46:46

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4813.D

Injection Date: 11-Oct-2011 15:58:43

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

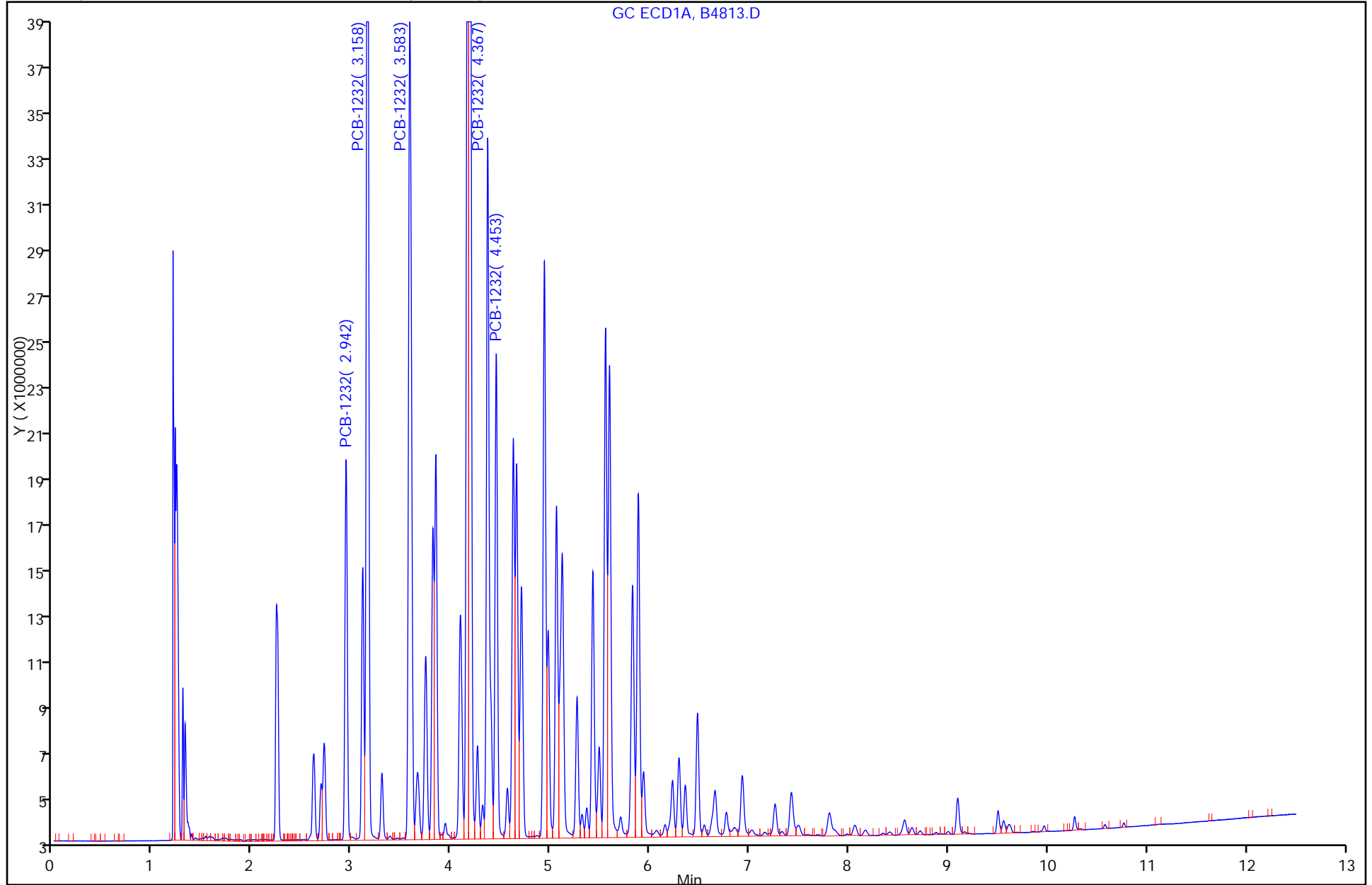
Lims Batch ID: 87982

Lims Sample ID: 11

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:13 Calibration End Date: 10/11/2011 16:13 Calibration ID: 4321

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-87982/12	B4814.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.156										3.056 - 3.256	3.156
PCB-1242 Peak 2	3.582										3.482 - 3.682	3.582
PCB-1242 Peak 3	4.451										4.351 - 4.551	4.451
PCB-1242 Peak 4	5.115										5.015 - 5.215	5.115
PCB-1242 Peak 5	5.591										5.491 - 5.691	5.591

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:13 Calibration End Date: 10/11/2011 16:13 Calibration ID: 4321

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-87982/12	B4814.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	29770				Ave		29770.2060						10.0			
PCB-1242 Peak 2	63473				Ave		63472.5290						10.0			
PCB-1242 Peak 3	30091				Ave		30090.6490						10.0			
PCB-1242 Peak 4	27726				Ave		27725.7080						10.0			
PCB-1242 Peak 5	37871				Ave		37871.3920						10.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:13 Calibration End Date: 10/11/2011 16:13 Calibration ID: 4321

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-87982/12	B4814.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	59540412					2000				
PCB-1242 Peak 2	Ave	126945058					2000				
PCB-1242 Peak 3	Ave	60181298					2000				
PCB-1242 Peak 4	Ave	55451416					2000				
PCB-1242 Peak 5	Ave	75742784					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4814.D
 Lims ID: std1242 Client ID:
 Inject. Date: 11-Oct-2011 16:13:53 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1242
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 12
 Lims Batch ID: 87982 Lims Sample ID: 12
 Sublist: chrom-PCBS*sub4
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 16:47:01 Calib Date: 11-Oct-2011 16:29:18
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 16:47:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
10 PCB-1242										
1	1	3.156	3.156	0.000	59540412	2000.0		100.0		
1	2	3.582	3.582	0.000	126945058	2000.0	0.0- 30.0	213.2		
1	3	4.451	4.451	0.000	60181298	2000.0	0.0- 30.0	101.1		
1	4	5.115	5.115	0.000	55451416	2000.0	0.0- 30.0	93.1		
1	5	5.591	5.591	0.000	75742784	2000.0	0.0- 30.0	127.2		
		Average of Peak Amounts =				2000.0				
2	6	3.697	3.697	0.000	38372905	2000.0		100.0		
2	7	4.269	4.269	0.000	83356609	2000.0	0.0- 30.0	217.2		
2	8	5.151	5.151	0.000	63853655	2000.0	0.0- 30.0	166.4		
2	9	6.542	6.542	0.000	59725240	2000.0	0.0- 30.0	155.6		
2	10	6.926	6.926	0.000	59236938	2000.0	0.0- 30.0	154.4		
		Average of Peak Amounts =				2000.0				
						RPD = 0.00				

Report Date: 11-Oct-2011 16:47:01

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4814.D

Injection Date: 11-Oct-2011 16:13:53

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

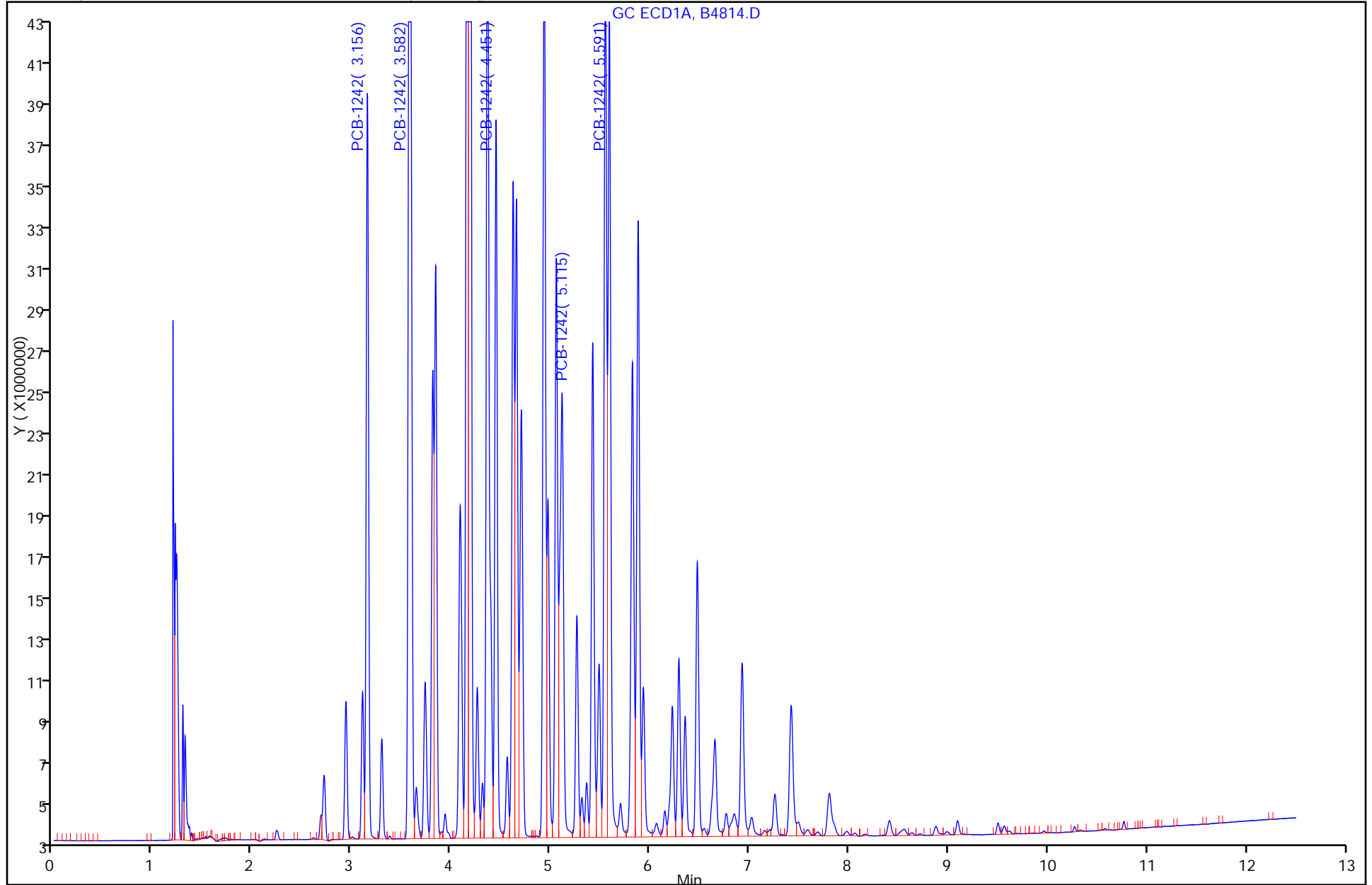
Lims Batch ID: 87982

Lims Sample ID: 12

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:29 Calibration End Date: 10/11/2011 16:29 Calibration ID: 4325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-87982/13	B4815.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.582										3.482 - 3.682	3.582
PCB-1248 Peak 2	4.190										4.090 - 4.290	4.190
PCB-1248 Peak 3	5.059										4.959 - 5.159	5.059
PCB-1248 Peak 4	5.593										5.493 - 5.693	5.593
PCB-1248 Peak 5	6.478										6.378 - 6.578	6.478

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:29 Calibration End Date: 10/11/2011 16:29 Calibration ID: 4325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-87982/13	B4815.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	29867				Ave		29866.9405						10.0			
PCB-1248 Peak 2	37405				Ave		37404.7195						10.0			
PCB-1248 Peak 3	43382				Ave		43382.1090						10.0			
PCB-1248 Peak 4	62322				Ave		62321.8135						10.0			
PCB-1248 Peak 5	36301				Ave		36300.9330						10.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:29 Calibration End Date: 10/11/2011 16:29 Calibration ID: 4325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-87982/13	B4815.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	59733881					2000				
PCB-1248 Peak 2	Ave	74809439					2000				
PCB-1248 Peak 3	Ave	86764218					2000				
PCB-1248 Peak 4	Ave	124643627					2000				
PCB-1248 Peak 5	Ave	72601866					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D
 Lims ID: std1248 Client ID:
 Inject. Date: 11-Oct-2011 16:29:18 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1248
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 13
 Lims Batch ID: 87982 Lims Sample ID: 13
 Sublist: chrom-PCBS*sub5
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 16:47:15 Calib Date: 11-Oct-2011 16:29:18
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 16:47:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
6 PCB-1248										
1	1	3.582	3.582	0.000	59733881	2000.0		100.0		
1	2	4.190	4.190	0.000	74809439	2000.0	0.0- 30.0	125.2		
1	3	5.059	5.059	0.000	86764218	2000.0	0.0- 30.0	145.3		
1	4	5.593	5.593	0.000	124643627	2000.0	0.0- 30.0	208.7		
1	5	6.478	6.478	0.000	72601866	2000.0	0.0- 30.0	121.5		
		Average of Peak Amounts =				2000.0				
2	6	4.269	4.269	0.000	39970204	2000.0		100.0		
2	7	5.149	5.149	0.000	35207310	2000.0	0.0- 30.0	88.1		
2	8	5.874	5.874	0.000	84240905	2000.0	0.0- 30.0	210.8		
2	9	6.541	6.541	0.000	105815385	2000.0	0.0- 30.0	264.7		
2	10	6.929	6.929	0.000	100284841	2000.0	0.0- 30.0	250.9		
		Average of Peak Amounts =				2000.0				
						RPD = 0.00				

Report Date: 11-Oct-2011 16:47:15

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D

Injection Date: 11-Oct-2011 16:29:18

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

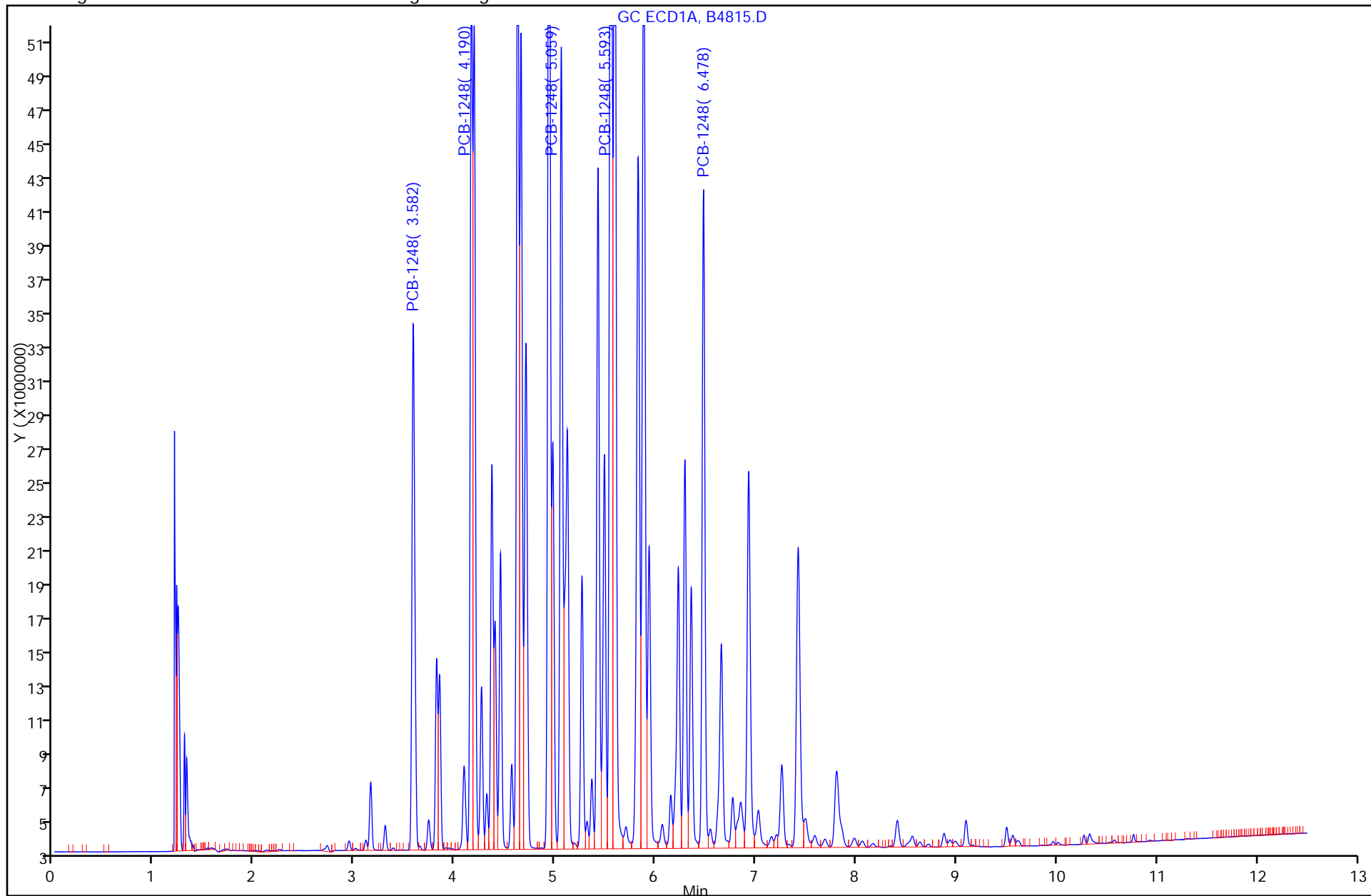
Lims Batch ID: 87982

Lims Sample ID: 13

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:44 Calibration End Date: 10/11/2011 16:44 Calibration ID: 4329

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-87982/14	B4816.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.551										5.451 - 5.651	5.551
PCB-1254 Peak 2	6.290										6.190 - 6.390	6.290
PCB-1254 Peak 3	6.476										6.376 - 6.576	6.476
PCB-1254 Peak 4	6.926										6.826 - 7.026	6.926
PCB-1254 Peak 5	7.804										7.704 - 7.904	7.804

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:44 Calibration End Date: 10/11/2011 16:44 Calibration ID: 4329

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-87982/14	B4816.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	66638				Ave		66637.7765						10.0			
PCB-1254 Peak 2	53163				Ave		53162.6095						10.0			
PCB-1254 Peak 3	107955				Ave		107955.379						10.0			
PCB-1254 Peak 4	132967				Ave		132967.202						10.0			
PCB-1254 Peak 5	121496				Ave		121495.643						10.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:44 Calibration End Date: 10/11/2011 16:44 Calibration ID: 4329

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-87982/14	B4816.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	133275553					2000				
PCB-1254 Peak 2	Ave	106325219					2000				
PCB-1254 Peak 3	Ave	215910758					2000				
PCB-1254 Peak 4	Ave	265934404					2000				
PCB-1254 Peak 5	Ave	242991286					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Lims ID: std1254 Client ID:
 Inject. Date: 11-Oct-2011 16:44:21 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1254
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 87982 Lims Sample ID: 14
 Sublist: chrom-PCBS*sub6
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 17:16:44 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 17:16:44

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
9 PCB-1254									
1	1	5.551	5.551	0.000	133275553	2000.0		100.0	
1	2	6.290	6.290	0.000	106325219	2000.0	0.0- 30.0	79.8	
1	3	6.476	6.476	0.000	215910758	2000.0	0.0- 30.0	162.0	
1	4	6.926	6.926	0.000	265934404	2000.0	0.0- 30.0	199.5	
1	5	7.804	7.804	0.000	242991286	2000.0	0.0- 30.0	182.3	
Average of Peak Amounts =						2000.0			
2	6	6.539	6.539	0.000	76220681	2000.0		100.0	
2	7	6.853	6.853	0.000	81963657	2000.0	0.0- 30.0	107.5	
2	8	7.750	7.750	0.000	139975745	2000.0	0.0- 30.0	183.6	
2	9	8.270	8.270	0.000	179045538	2000.0	0.0- 30.0	234.9	
2	10	9.217	9.217	0.000	157645021	2000.0	0.0- 30.0	206.8	
Average of Peak Amounts =						2000.0			
RPD = 0.00									

Report Date: 11-Oct-2011 17:16:44

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D

Injection Date: 11-Oct-2011 16:44:21

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

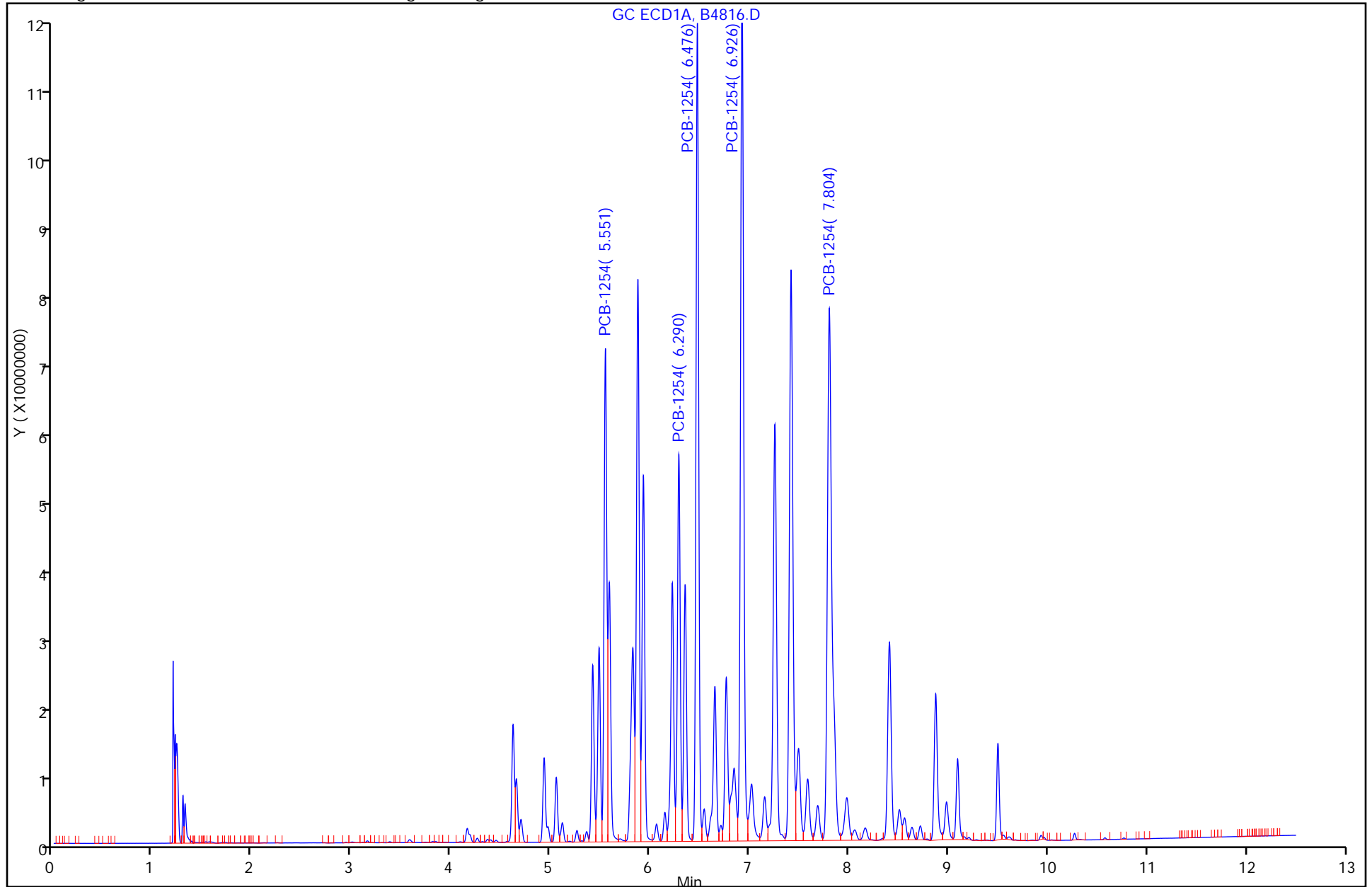
Lims Batch ID: 87982

Lims Sample ID: 14

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90304/26 Calibration Date: 11/29/2011 15:00
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5655.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua2		37280		1540	1500	2.4	15.0
PCB-1016 Peak 2	Qua2		80449		1530	1500	2.0	15.0
PCB-1016 Peak 3	Qua2		64652		1530	1500	2.2	15.0
PCB-1016 Peak 4	Qua2		50417		1520	1500	1.6	15.0
PCB-1016 Peak 5	Qua2		32303		1540	1500	2.9	15.0
PCB-1260 Peak 1	Qua2		90801		1510	1500	1.0	15.0
PCB-1260 Peak 2	Qua2		136068		1500	1500	0.1	15.0
PCB-1260 Peak 3	Qua2		55024		1520	1500	1.3	15.0
PCB-1260 Peak 4	Qua2		142621		1520	1500	1.2	15.0
PCB-1260 Peak 5	Qua2		86250		1540	1500	2.6	15.0
Dibutylchlorendate	Qua2		2020099		107	100	6.7	15.0
DCB Decachlorobiphenyl	Qua2		1461564		104	100	3.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90304/26 Calibration Date: 11/29/2011 15:00
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5655.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.16	3.06	3.26
PCB-1016 Peak 2	3.58	3.48	3.68
PCB-1016 Peak 3	4.36	4.26	4.46
PCB-1016 Peak 4	4.93	4.83	5.03
PCB-1016 Peak 5	5.49	5.39	5.59
PCB-1260 Peak 1	6.77	6.67	6.87
PCB-1260 Peak 2	7.26	7.16	7.36
PCB-1260 Peak 3	7.49	7.39	7.59
PCB-1260 Peak 4	7.80	7.70	7.90
PCB-1260 Peak 5	8.56	8.46	8.66
Dibutylchloroendate	9.57	9.47	9.67
DCB Decachlorobiphenyl	10.77	10.67	10.87

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5655.D
 Lims ID: ccv1500 Client ID:
 Inject. Date: 29-Nov-2011 15:00:35 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 25
 Lims Batch ID: 90304 Lims Sample ID: 26
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111129-5985.b\PCBS.m
 Last Update: 29-Nov-2011 15:20:58 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 29-Nov-2011 15:20:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.155	3.155	0.000	55919426	1536.2		100.0	
1	2	3.581	3.581	0.000	120674183	1530.0	186.9- 246.9	215.8	
1	3	4.364	4.364	0.000	96978698	1532.8	143.8- 203.8	173.4	
1	4	4.934	4.934	0.000	75626117	1523.9	106.7- 166.7	135.2	
1	5	5.487	5.487	0.000	48453772	1543.0	55.8- 115.8	86.6	
Average of Peak Amounts =						1533.2			
2	6	3.697	3.697	0.000	31857287	1333.4		100.0	
2	7	4.268	4.268	0.000	70058145	1340.6	189.6- 249.6	219.9	
2	8	5.153	5.153	0.000	53821676	1321.7	138.6- 198.6	168.9	
2	9	5.584	5.584	0.000	24860850	1327.5	49.7- 109.7	78.0	
2	10	5.876	5.876	0.000	44101344	1345.4	108.1- 168.1	138.4	
Average of Peak Amounts =						1333.7			

RPD = 13.91

11 PCB-1260

1	1	6.767	6.767	0.000	136201740	1514.9		100.0	
1	2	7.256	7.256	0.000	204101647	1501.9	119.7- 179.7	149.9	
1	3	7.493	7.493	0.000	82535585	1519.5	29.6- 89.6	60.6	
1	4	7.802	7.802	0.000	213930827	1517.6	126.4- 186.4	157.1	
1	5	8.560	8.560	0.000	129375283	1538.9	64.1- 124.1	95.0	
Average of Peak Amounts =						1518.6			
2	6	7.832	7.832	0.000	43689006	1382.3		100.0	
2	7	8.201	8.201	0.000	86106506	1384.7	163.4- 223.4	197.1	
2	8	8.632	8.632	0.000	104362916	1373.9	201.9- 261.9	238.9	
2	9	9.352	9.352	0.000	81113531	1438.8	146.4- 206.4	185.7	
2	10	9.742	9.742	0.000	85304087	1422.5	153.8- 213.8	195.3	
Average of Peak Amounts =						1400.4			

RPD = 8.09

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.567	9.567	0.000	202009888	106.7			
2	2	10.256	10.256	0.000	80346165	94.8			
							RPD = 11.76		

\$ 2 DCB Decachlorobiphenyl

1	1	10.769	10.769	0.000	146156407	103.5			
2	2	11.577	11.577	0.000	94510509	98.8			
							RPD = 4.64		

Report Date: 29-Nov-2011 15:20:58

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5655.D

Injection Date: 29-Nov-2011 15:00:35

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

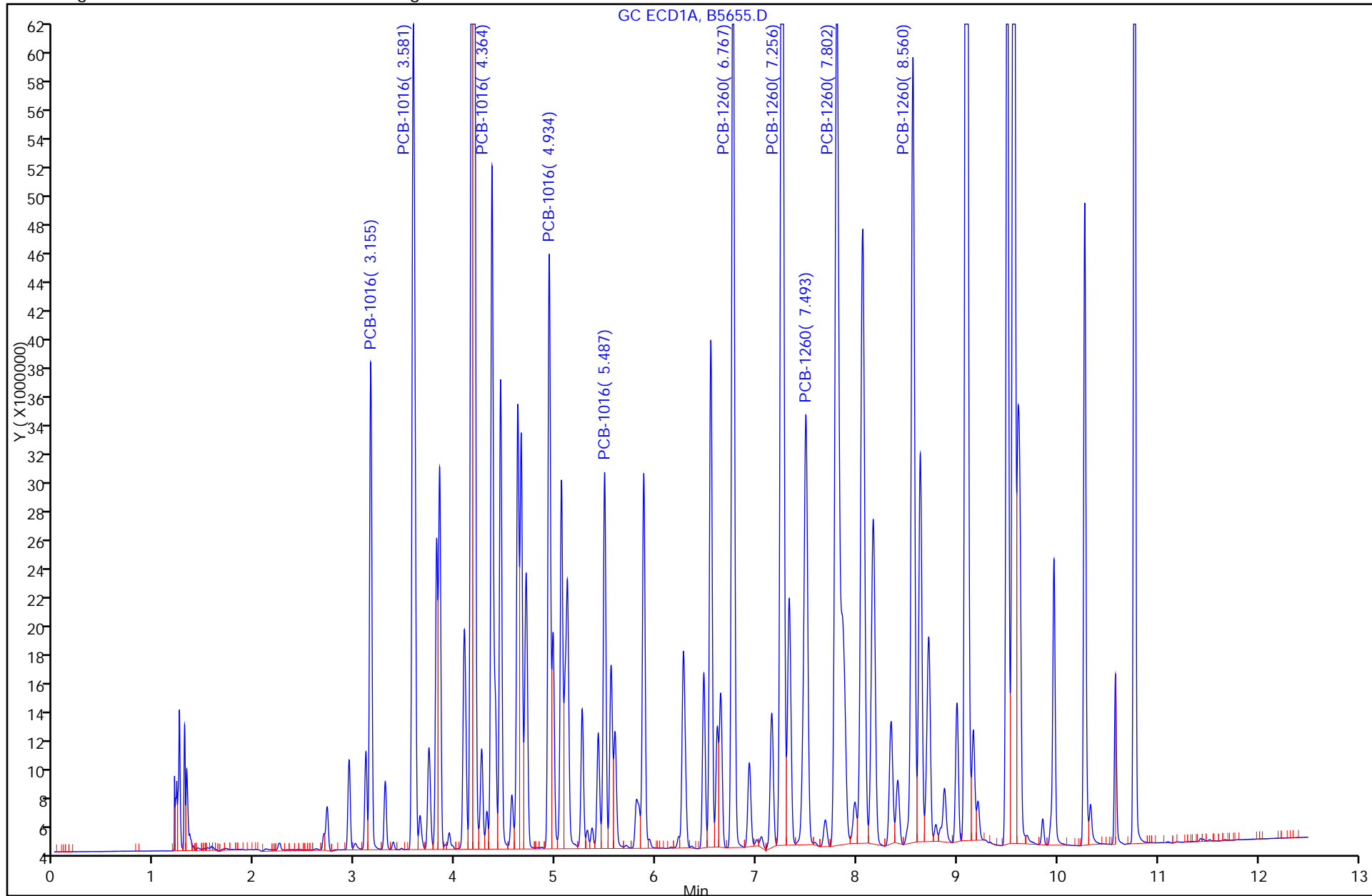
Lims Batch ID: 90304

Lims Sample ID: 26

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-90304/38 Calibration Date: 11/29/2011 18:26
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5667.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua2		39203		1060	1000	6.1	15.0
PCB-1016 Peak 2	Qua2		83679		1040	1000	3.9	15.0
PCB-1016 Peak 3	Qua2		67831		1060	1000	6.3	15.0
PCB-1016 Peak 4	Qua2		52504		1050	1000	4.7	15.0
PCB-1016 Peak 5	Qua2		32950		1030	1000	3.5	15.0
PCB-1260 Peak 1	Qua2		94778		1040	1000	4.3	15.0
PCB-1260 Peak 2	Qua2		142332		1040	1000	3.9	15.0
PCB-1260 Peak 3	Qua2		56903		1050	1000	5.1	15.0
PCB-1260 Peak 4	Qua2		149857		1060	1000	6.3	15.0
PCB-1260 Peak 5	Qua2		90745		1080	1000	7.8	15.0
Dibutylchloroendate	Qua2		1907001		102	100	1.7	15.0
DCB Decachlorobiphenyl	Qua2		1509309		107	100	7.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-90304/38 Calibration Date: 11/29/2011 18:26
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5667.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.16	3.06	3.26
PCB-1016 Peak 2	3.58	3.48	3.68
PCB-1016 Peak 3	4.37	4.27	4.47
PCB-1016 Peak 4	4.94	4.84	5.04
PCB-1016 Peak 5	5.49	5.39	5.59
PCB-1260 Peak 1	6.77	6.67	6.87
PCB-1260 Peak 2	7.26	7.16	7.36
PCB-1260 Peak 3	7.50	7.40	7.60
PCB-1260 Peak 4	7.81	7.71	7.91
PCB-1260 Peak 5	8.56	8.46	8.66
Dibutylchloroendate	9.57	9.47	9.67
DCB Decachlorobiphenyl	10.77	10.67	10.87

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5667.D
 Lims ID: ccv1000 Client ID:
 Inject. Date: 29-Nov-2011 18:26:41 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 24
 Lims Batch ID: 90304 Lims Sample ID: 38
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111129-5985.b\PCBS.m
 Last Update: 30-Nov-2011 09:34:56 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 09:34:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.159	3.159	0.000	39203462	1060.5		100.0	
1	2	3.584	3.584	0.000	83679494	1039.1	186.9- 246.9	213.4	
1	3	4.368	4.368	0.000	67831319	1063.1	143.8- 203.8	173.0	
1	4	4.938	4.938	0.000	52504300	1047.3	106.7- 166.7	133.9	
1	5	5.490	5.490	0.000	32949721	1034.5	55.8- 115.8	84.0	
Average of Peak Amounts =						1048.9			
2	6	3.698	3.698	0.000	22431973	913.3		100.0	
2	7	4.271	4.271	0.000	48589489	904.5	189.6- 249.6	216.6	
2	8	5.155	5.155	0.000	38327784	909.6	138.6- 198.6	170.9	
2	9	5.586	5.586	0.000	17830967	926.3	49.7- 109.7	79.5	
2	10	5.878	5.878	0.000	31087198	926.1	108.1- 168.1	138.6	
Average of Peak Amounts =						916.0			

RPD = 13.53

11 PCB-1260

1	1	6.769	6.769	0.000	94778318	1043.1		100.0	
1	2	7.259	7.259	0.000	142332267	1039.2	119.7- 179.7	150.2	
1	3	7.496	7.496	0.000	56903090	1051.0	29.6- 89.6	60.0	
1	4	7.805	7.805	0.000	149856609	1062.5	126.4- 186.4	158.1	
1	5	8.563	8.563	0.000	90744650	1077.9	64.1- 124.1	95.7	
Average of Peak Amounts =						1054.7			
2	6	7.835	7.835	0.000	30882639	970.9		100.0	
2	7	8.204	8.204	0.000	59865362	945.6	163.4- 223.4	193.8	
2	8	8.634	8.634	0.000	72768798	933.5	201.9- 261.9	235.6	
2	9	9.353	9.353	0.000	55258841	968.3	146.4- 206.4	178.9	
2	10	9.743	9.743	0.000	57737451	938.2	153.8- 213.8	187.0	
Average of Peak Amounts =						951.3			

RPD = 10.31

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5667.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.569	9.569	0.000	190700080	101.7			
2	2	10.258	10.258	0.000	83859658	99.3			
							RPD =	2.40	

\$ 2 DCB Decachlorobiphenyl

1	1	10.770	10.770	0.000	150930940	107.0			
2	2	11.578	11.578	0.000	95577430	100.0			
							RPD =	6.74	

Report Date: 30-Nov-2011 09:34:57

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5667.D

Injection Date: 29-Nov-2011 18:26:41

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

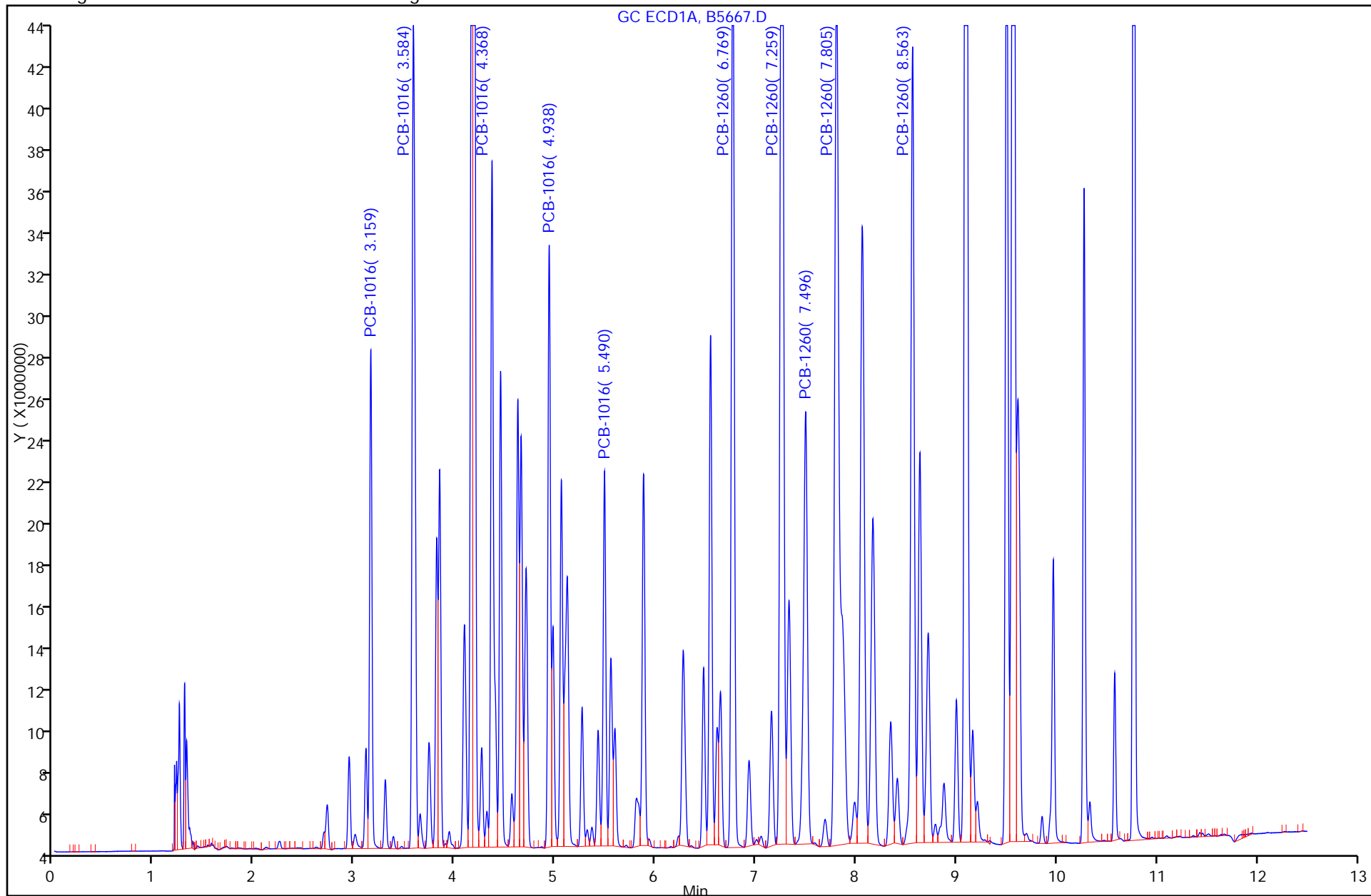
Lims Batch ID: 90304

Lims Sample ID: 38

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-90304/39 Calibration Date: 11/29/2011 18:41
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5668.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua2		39222		1060	1000	6.1	15.0
PCB-1016 Peak 2	Qua2		83694		1040	1000	3.9	15.0
PCB-1016 Peak 3	Qua2		68186		1070	1000	6.9	15.0
PCB-1016 Peak 4	Qua2		52806		1050	1000	5.4	15.0
PCB-1016 Peak 5	Qua2		33280		1050	1000	4.5	15.0
PCB-1260 Peak 1	Qua2		95962		1060	1000	5.6	15.0
PCB-1260 Peak 2	Qua2		144430		1050	1000	5.5	15.0
PCB-1260 Peak 3	Qua2		57690		1070	1000	6.5	15.0
PCB-1260 Peak 4	Qua2		152211		1080	1000	7.9	15.0
PCB-1260 Peak 5	Qua2		92444		1100	1000	9.8	15.0
Dibutylchloredate	Qua2		1951364		104	100	3.6	15.0
DCB Decachlorobiphenyl	Qua2		1575332		112	100	11.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-90304/39 Calibration Date: 11/29/2011 18:41
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5668.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.16	3.06	3.26
PCB-1016 Peak 2	3.58	3.48	3.68
PCB-1016 Peak 3	4.37	4.27	4.47
PCB-1016 Peak 4	4.94	4.84	5.04
PCB-1016 Peak 5	5.49	5.39	5.59
PCB-1260 Peak 1	6.77	6.67	6.87
PCB-1260 Peak 2	7.26	7.16	7.36
PCB-1260 Peak 3	7.50	7.40	7.60
PCB-1260 Peak 4	7.81	7.71	7.91
PCB-1260 Peak 5	8.56	8.46	8.66
Dibutylchloroendate	9.57	9.47	9.67
DCB Decachlorobiphenyl	10.77	10.67	10.87

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5668.D
 Lims ID: ccv1000 Client ID:
 Inject. Date: 29-Nov-2011 18:41:46 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 24
 Lims Batch ID: 90304 Lims Sample ID: 39
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111129-5985.b\PCBS.m
 Last Update: 30-Nov-2011 09:35:20 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 09:35:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.157	3.157	0.000	39221797	1061.0		100.0	
1	2	3.582	3.582	0.000	83694422	1039.3	186.9- 246.9	213.4	
1	3	4.366	4.366	0.000	68186451	1068.8	143.8- 203.8	173.8	
1	4	4.936	4.936	0.000	52805952	1053.5	106.7- 166.7	134.6	
1	5	5.488	5.488	0.000	33280207	1045.3	55.8- 115.8	84.9	
Average of Peak Amounts =						1053.6			
2	6	3.698	3.698	0.000	22701870	925.0		100.0	
2	7	4.270	4.270	0.000	48822625	909.1	189.6- 249.6	215.1	
2	8	5.154	5.154	0.000	38493642	913.9	138.6- 198.6	169.6	
2	9	5.585	5.585	0.000	17706463	919.4	49.7- 109.7	78.0	
2	10	5.877	5.877	0.000	31210103	930.0	108.1- 168.1	137.5	
Average of Peak Amounts =						919.5			
						RPD = 13.59			

11 PCB-1260

1	1	6.769	6.769	0.000	95961649	1056.4		100.0	
1	2	7.257	7.257	0.000	144429613	1054.8	119.7- 179.7	150.5	
1	3	7.495	7.495	0.000	57689609	1065.4	29.6- 89.6	60.1	
1	4	7.805	7.805	0.000	152211274	1079.3	126.4- 186.4	158.6	
1	5	8.561	8.561	0.000	92444106	1098.2	64.1- 124.1	96.3	
Average of Peak Amounts =						1070.8			
2	6	7.835	7.835	0.000	30240355	950.4		100.0	
2	7	8.204	8.204	0.000	59959022	947.1	163.4- 223.4	198.3	
2	8	8.633	8.633	0.000	73445451	942.7	201.9- 261.9	242.9	
2	9	9.353	9.353	0.000	55839819	978.8	146.4- 206.4	184.7	
2	10	9.743	9.743	0.000	58902979	958.3	153.8- 213.8	194.8	
Average of Peak Amounts =						955.5			
						RPD = 11.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.568	9.568	0.000	195136350	103.6			
2	2	10.257	10.257	0.000	85977569	101.9			
							RPD = 1.66		

\$ 2 DCB Decachlorobiphenyl

1	1	10.769	10.769	0.000	157533153	111.7			
2	2	11.577	11.577	0.000	98970419	103.7			
							RPD = 7.45		

Report Date: 30-Nov-2011 09:35:20

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5668.D

Injection Date: 29-Nov-2011 18:41:46

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

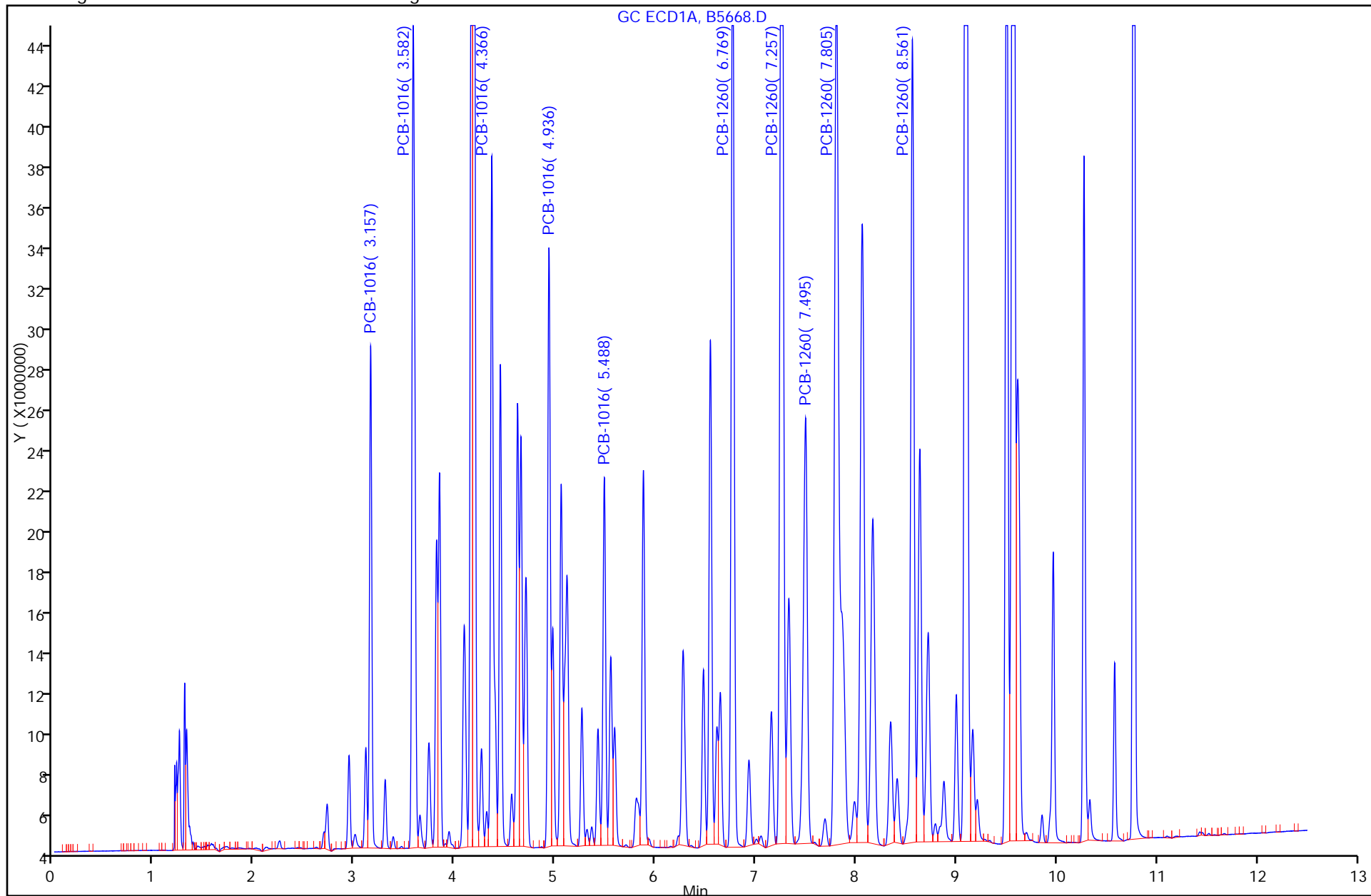
Lims Batch ID: 90304

Lims Sample ID: 39

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90379/1 Calibration Date: 11/30/2011 09:22
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5680.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua2		36783		1510	1500	1.0	15.0
PCB-1016 Peak 2	Qua2		79315		1510	1500	0.5	15.0
PCB-1016 Peak 3	Qua2		63692		1510	1500	0.6	15.0
PCB-1016 Peak 4	Qua2		49538		1500	1500	-0.2	15.0
PCB-1016 Peak 5	Qua2		31627		1510	1500	0.6	15.0
PCB-1260 Peak 1	Qua2		89848		1500	1500	-0.1	15.0
PCB-1260 Peak 2	Qua2		134525		1480	1500	-1.0	15.0
PCB-1260 Peak 3	Qua2		55561		1530	1500	2.3	15.0
PCB-1260 Peak 4	Qua2		141215		1500	1500	0.2	15.0
PCB-1260 Peak 5	Qua2		84684		1510	1500	0.7	15.0
Dibutylchloredate	Qua2		2012705		106	100	6.4	15.0
DCB Decachlorobiphenyl	Qua2		1489574		106	100	5.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90379/1 Calibration Date: 11/30/2011 09:22
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5680.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.16	3.06	3.26
PCB-1016 Peak 2	3.58	3.48	3.68
PCB-1016 Peak 3	4.37	4.27	4.47
PCB-1016 Peak 4	4.94	4.84	5.04
PCB-1016 Peak 5	5.49	5.39	5.59
PCB-1260 Peak 1	6.77	6.67	6.87
PCB-1260 Peak 2	7.26	7.16	7.36
PCB-1260 Peak 3	7.50	7.40	7.60
PCB-1260 Peak 4	7.81	7.71	7.91
PCB-1260 Peak 5	8.56	8.46	8.66
Dibutylchloroendate	9.57	9.47	9.67
DCB Decachlorobiphenyl	10.77	10.67	10.87

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5680.D
 Lims ID: ccv1500 Client ID:
 Inject. Date: 30-Nov-2011 09:22:56 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 25
 Lims Batch ID: 90379 Lims Sample ID: 1
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 09:47:10 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 09:47:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.159	3.159	0.000	55174791	1514.7		100.0	
1	2	3.584	3.584	0.000	118971750	1507.0	186.9- 246.9	215.6	
1	3	4.368	4.368	0.000	95538624	1509.4	143.8- 203.8	173.2	
1	4	4.938	4.938	0.000	74306875	1496.5	106.7- 166.7	134.7	
1	5	5.489	5.489	0.000	47439811	1509.3	55.8- 115.8	86.0	
Average of Peak Amounts =						1507.4			
2	6	3.699	3.699	0.000	31363827	1310.8		100.0	
2	7	4.272	4.272	0.000	68725327	1312.8	189.6- 249.6	219.1	
2	8	5.155	5.155	0.000	52645901	1289.4	138.6- 198.6	167.9	
2	9	5.587	5.587	0.000	24274886	1293.2	49.7- 109.7	77.4	
2	10	5.879	5.879	0.000	42742901	1300.7	108.1- 168.1	136.3	
Average of Peak Amounts =						1301.4			
						RPD = 14.67			

11 PCB-1260

1	1	6.770	6.770	0.000	134771356	1498.5		100.0	
1	2	7.259	7.259	0.000	201787373	1484.5	119.7- 179.7	149.7	
1	3	7.495	7.495	0.000	83342241	1534.1	29.6- 89.6	61.8	
1	4	7.805	7.805	0.000	211822517	1502.6	126.4- 186.4	157.2	
1	5	8.564	8.564	0.000	127026328	1510.9	64.1- 124.1	94.3	
Average of Peak Amounts =						1506.1			
2	6	7.835	7.835	0.000	42294416	1337.4		100.0	
2	7	8.204	8.204	0.000	83866793	1346.7	163.4- 223.4	198.3	
2	8	8.634	8.634	0.000	102250791	1343.7	201.9- 261.9	241.8	
2	9	9.354	9.354	0.000	82936178	1472.3	146.4- 206.4	196.1	
2	10	9.744	9.744	0.000	85341771	1423.1	153.8- 213.8	201.8	
Average of Peak Amounts =						1384.7			
						RPD = 8.40			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.569	9.569	0.000	201270510	106.4			
2	2	10.258	10.258	0.000	78264580	92.2			
							RPD = 14.24		

\$ 2 DCB Decachlorobiphenyl

1	1	10.770	10.770	0.000	148957364	105.5			
2	2	11.578	11.578	0.000	95716719	100.1			
							RPD = 5.25		

Report Date: 30-Nov-2011 09:47:11

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5680.D

Injection Date: 30-Nov-2011 09:22:56

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

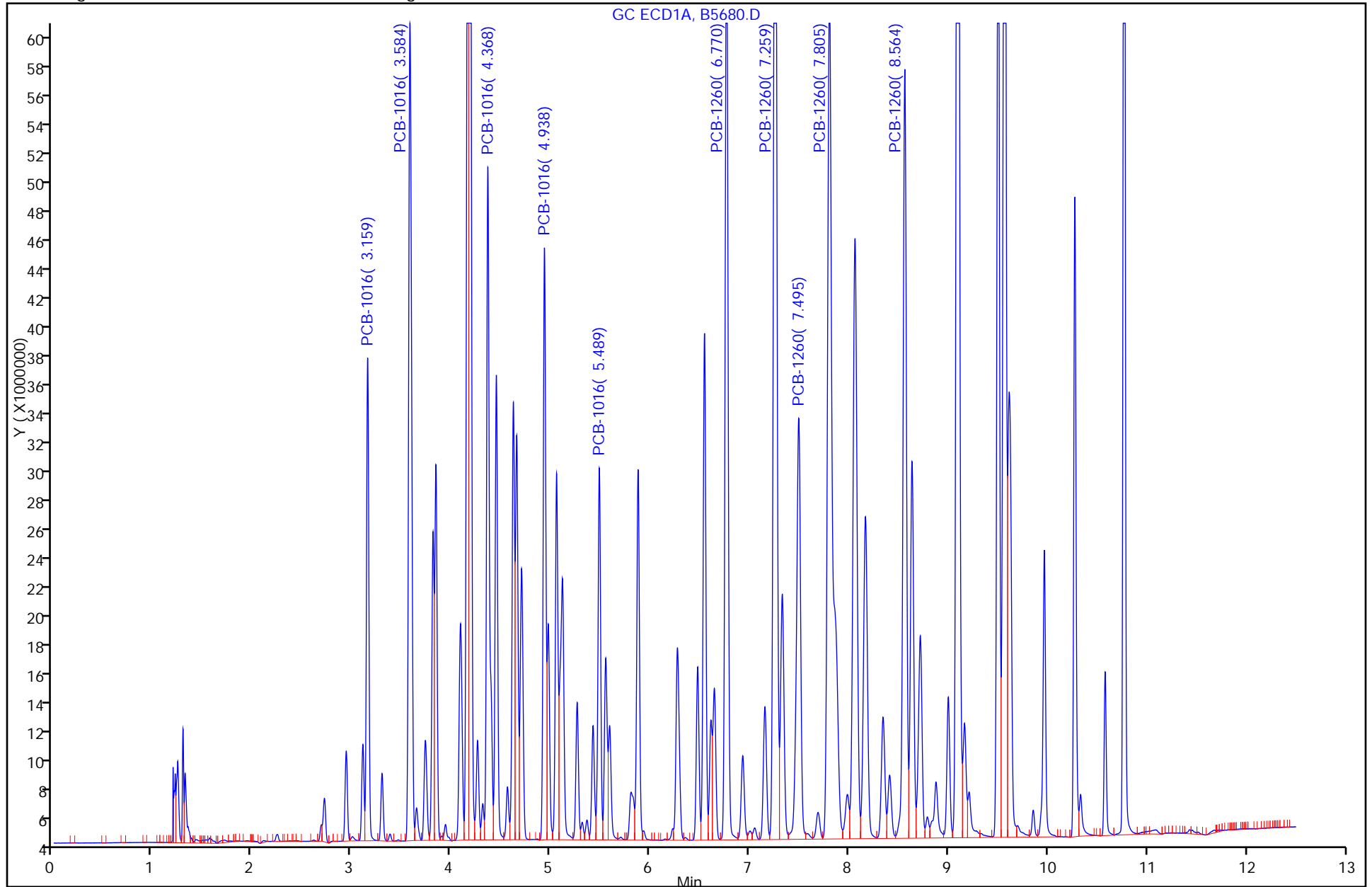
Lims Batch ID: 90379

Lims Sample ID: 1

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1242 510-90379/2 Calibration Date: 11/30/2011 09:38
 Instrument ID: SGCA Calib Start Date: 10/11/2011 16:13
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 16:13
 Lab File ID: B5681.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	29770	31622		2120	2000	6.2	15.0
PCB-1242 Peak 2	Ave	63473	66940		2110	2000	5.5	15.0
PCB-1242 Peak 3	Ave	30091	31690		2110	2000	5.3	15.0
PCB-1242 Peak 4	Ave	27726	28926		2090	2000	4.3	15.0
PCB-1242 Peak 5	Ave	37871	39306		2080	2000	3.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1242 510-90379/2 Calibration Date: 11/30/2011 09:38
 Instrument ID: SGCA Calib Start Date: 10/11/2011 16:13
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 16:13
 Lab File ID: B5681.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	3.16	3.06	3.26
PCB-1242 Peak 2	3.58	3.48	3.68
PCB-1242 Peak 3	4.45	4.35	4.55
PCB-1242 Peak 4	5.12	5.02	5.22
PCB-1242 Peak 5	5.59	5.49	5.69

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5681.D
 Lims ID: ccv1242 Client ID:
 Inject. Date: 30-Nov-2011 09:38:25 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1242
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 1
 Lims Batch ID: 90379 Lims Sample ID: 2
 Sublist: chrom-PCBS*sub4
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 10:44:01 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 10:44:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
10 PCB-1242										
1	1	3.159	3.159	0.000	63243044	2124.4		100.0		
1	2	3.584	3.584	0.000	133880171	2109.3	0.0- 30.0	211.7		
1	3	4.453	4.453	0.000	63379864	2106.3	0.0- 30.0	100.2		
1	4	5.116	5.116	0.000	57851911	2086.6	0.0- 30.0	91.5		
1	5	5.592	5.592	0.000	78611669	2075.8	0.0- 30.0	124.3		
		Average of Peak Amounts =				2100.5				
2	6	3.699	3.699	0.000	35751267	1863.4		100.0		
2	7	4.270	4.270	0.000	77283019	1854.3	0.0- 30.0	216.2		
2	8	5.154	5.154	0.000	59544883	1865.0	0.0- 30.0	166.6		
2	9	6.547	6.547	0.000	56233367	1883.1	0.0- 30.0	157.3		
2	10	6.933	6.933	0.000	55423665	1871.3	0.0- 30.0	155.0		
		Average of Peak Amounts =				1867.4				
						RPD = 11.75				

Report Date: 30-Nov-2011 10:44:01

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5681.D

Injection Date: 30-Nov-2011 09:38:25

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

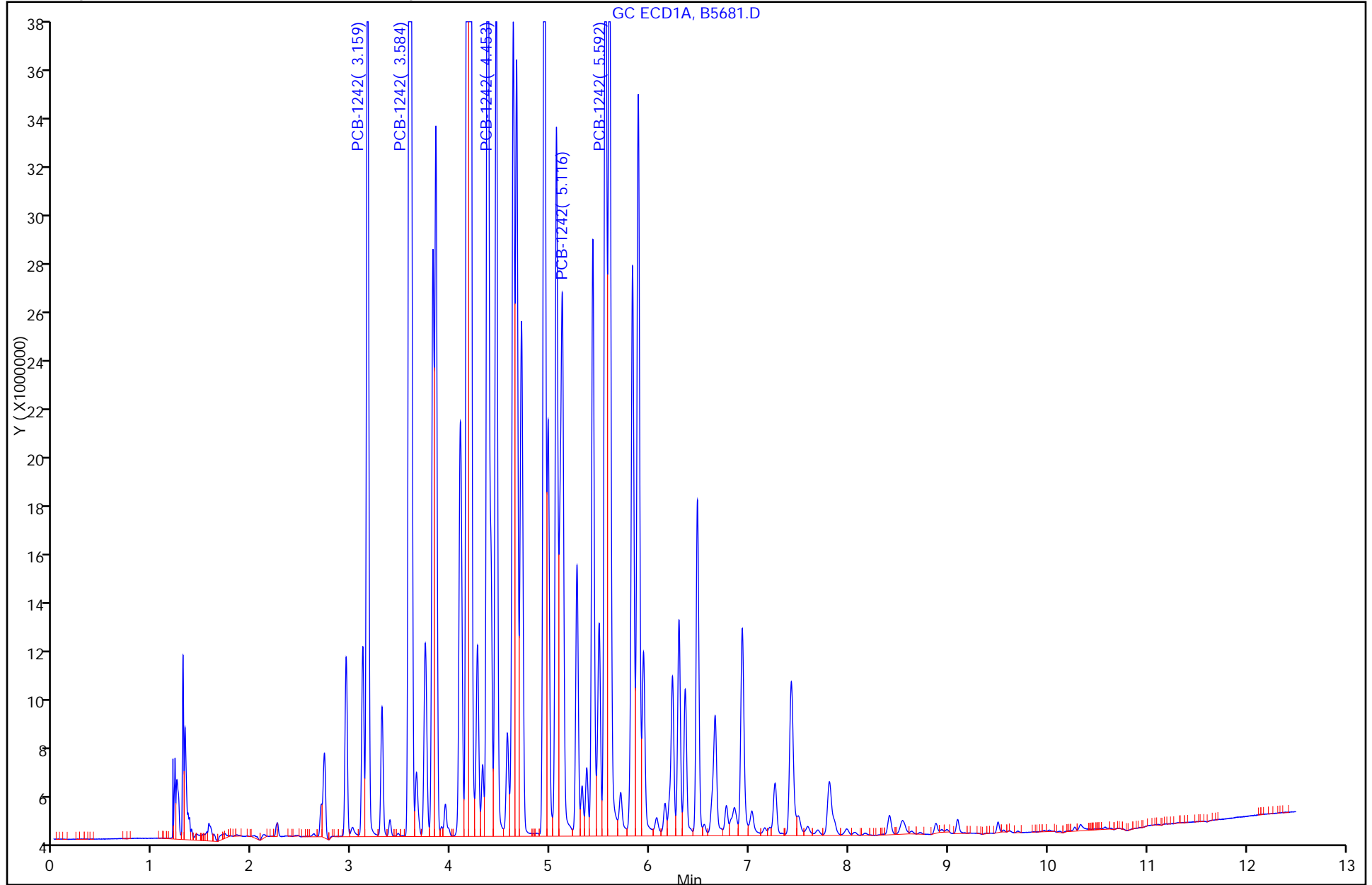
Lims Batch ID: 90379

Lims Sample ID: 2

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1248 510-90379/3 Calibration Date: 11/30/2011 09:53
 Instrument ID: SGCA Calib Start Date: 10/11/2011 16:29
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 16:29
 Lab File ID: B5682.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	29867	32037		2150	2000	7.3	15.0
PCB-1248 Peak 2	Ave	37405	39832		2130	2000	6.5	15.0
PCB-1248 Peak 3	Ave	43382	45692		2110	2000	5.3	15.0
PCB-1248 Peak 4	Ave	62322	64550		2070	2000	3.6	15.0
PCB-1248 Peak 5	Ave	36301	38011		2090	2000	4.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1248 510-90379/3 Calibration Date: 11/30/2011 09:53
 Instrument ID: SGCA Calib Start Date: 10/11/2011 16:29
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 16:29
 Lab File ID: B5682.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	3.58	3.48	3.68
PCB-1248 Peak 2	4.19	4.09	4.29
PCB-1248 Peak 3	5.06	4.96	5.16
PCB-1248 Peak 4	5.59	5.49	5.69
PCB-1248 Peak 5	6.48	6.38	6.58

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5682.D
 Lims ID: ccv1248 Client ID:
 Inject. Date: 30-Nov-2011 09:53:49 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: CCV1248
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 2
 Lims Batch ID: 90379 Lims Sample ID: 3
 Sublist: chrom-PCBS*sub5
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 10:44:12 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 10:44:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
6 PCB-1248										
1	1	3.583	3.583	0.000	64074193	2145.3		100.0		
1	2	4.191	4.191	0.000	79664589	2129.8	0.0- 30.0	124.3		
1	3	5.059	5.059	0.000	91384215	2106.5	0.0- 30.0	142.6		
1	4	5.594	5.594	0.000	129100856	2071.5	0.0- 30.0	201.5		
1	5	6.479	6.479	0.000	76022892	2094.2	0.0- 30.0	118.6		
		Average of Peak Amounts =				2109.5				
2	6	4.271	4.271	0.000	37576281	1880.2		100.0		
2	7	5.153	5.153	0.000	33008096	1875.1	0.0- 30.0	87.8		
2	8	5.879	5.879	0.000	79812647	1894.9	0.0- 30.0	212.4		
2	9	6.547	6.547	0.000	101263477	1914.0	0.0- 30.0	269.5		
2	10	6.934	6.934	0.000	95353962	1901.7	0.0- 30.0	253.8		
		Average of Peak Amounts =				1893.2				
						RPD = 10.81				

Report Date: 30-Nov-2011 10:44:12

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5682.D

Injection Date: 30-Nov-2011 09:53:49

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

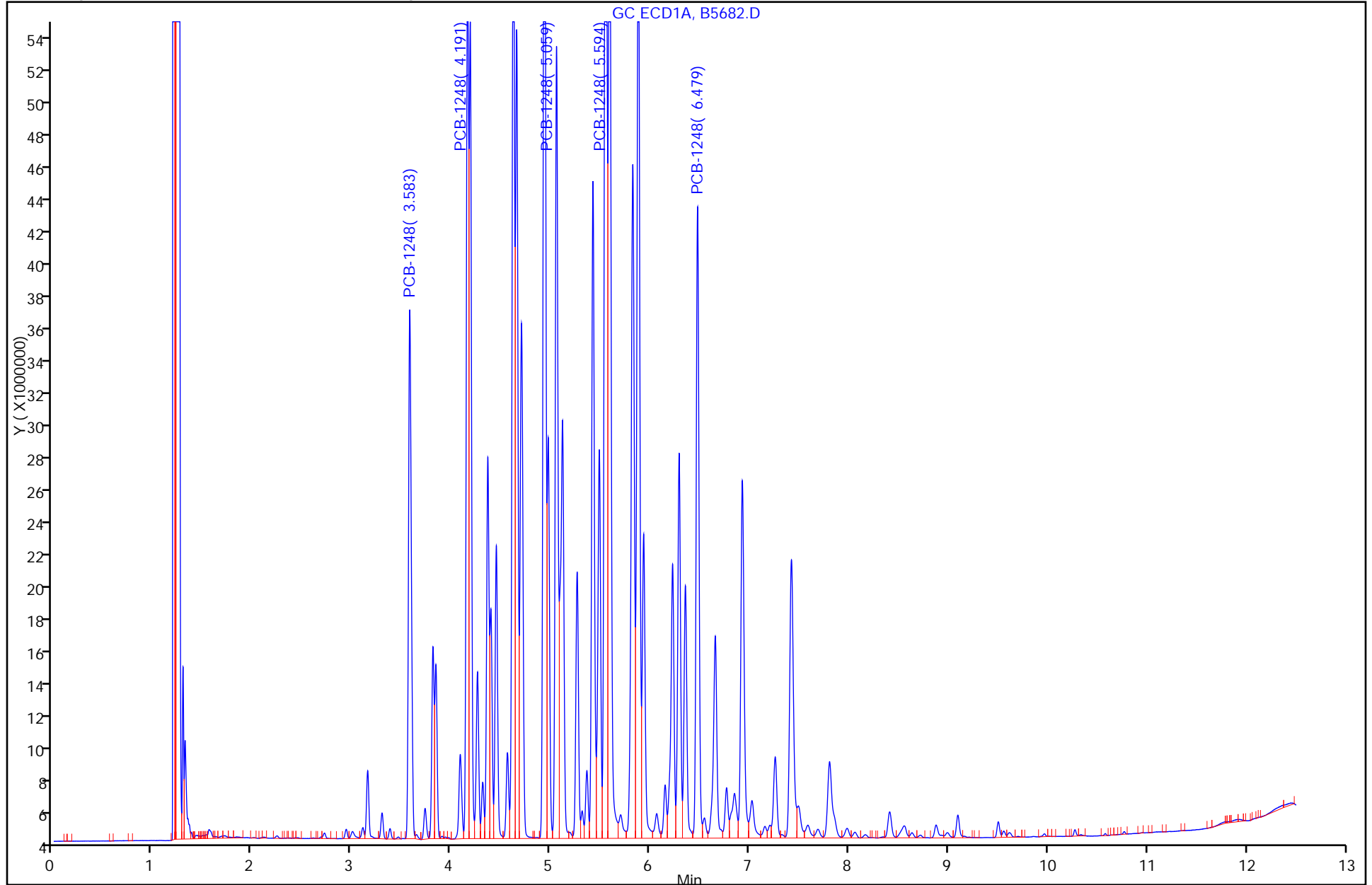
Lims Batch ID: 90379

Lims Sample ID: 3

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1254 510-90379/4 Calibration Date: 11/30/2011 10:09
 Instrument ID: SGCA Calib Start Date: 10/11/2011 16:44
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 16:44
 Lab File ID: B5683.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	66638	65210		1960	2000	-2.1	15.0
PCB-1254 Peak 2	Ave	53163	52920		1990	2000	-0.5	15.0
PCB-1254 Peak 3	Ave	107955	107307		1990	2000	-0.6	15.0
PCB-1254 Peak 4	Ave	132967	128471		1930	2000	-3.4	15.0
PCB-1254 Peak 5	Ave	121496	123536		2030	2000	1.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1254 510-90379/4 Calibration Date: 11/30/2011 10:09
 Instrument ID: SGCA Calib Start Date: 10/11/2011 16:44
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 16:44
 Lab File ID: B5683.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1254 Peak 1	5.55	5.45	5.65
PCB-1254 Peak 2	6.29	6.19	6.39
PCB-1254 Peak 3	6.48	6.38	6.58
PCB-1254 Peak 4	6.93	6.83	7.03
PCB-1254 Peak 5	7.81	7.71	7.91

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5683.D
 Lims ID: ccv1254 Client ID:
 Inject. Date: 30-Nov-2011 10:09:13 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: CCV1254
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 90379 Lims Sample ID: 4
 Sublist: chrom-PCBS*sub6
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 10:44:23 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 10:44:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
9 PCB-1254									
1	1	5.553	5.553	0.000	130420418	1957.2		100.0	
1	2	6.291	6.291	0.000	105840277	1990.9	0.0- 30.0	81.2	
1	3	6.477	6.477	0.000	214614157	1988.0	0.0- 30.0	164.6	
1	4	6.927	6.927	0.000	256941270	1932.4	0.0- 30.0	197.0	
1	5	7.805	7.805	0.000	247071476	2033.6	0.0- 30.0	189.4	
Average of Peak Amounts =						1980.4			
2	6	6.543	6.543	0.000	70560850	1851.5		100.0	
2	7	6.858	6.858	0.000	75490303	1842.0	0.0- 30.0	107.0	
2	8	7.758	7.758	0.000	129267376	1847.0	0.0- 30.0	183.2	
2	9	8.277	8.277	0.000	166266696	1857.3	0.0- 30.0	235.6	
2	10	9.223	9.223	0.000	151099758	1917.0	0.0- 30.0	214.1	
Average of Peak Amounts =						1862.9			
						RPD = 6.11			

Report Date: 30-Nov-2011 10:44:23

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5683.D

Injection Date: 30-Nov-2011 10:09:13

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

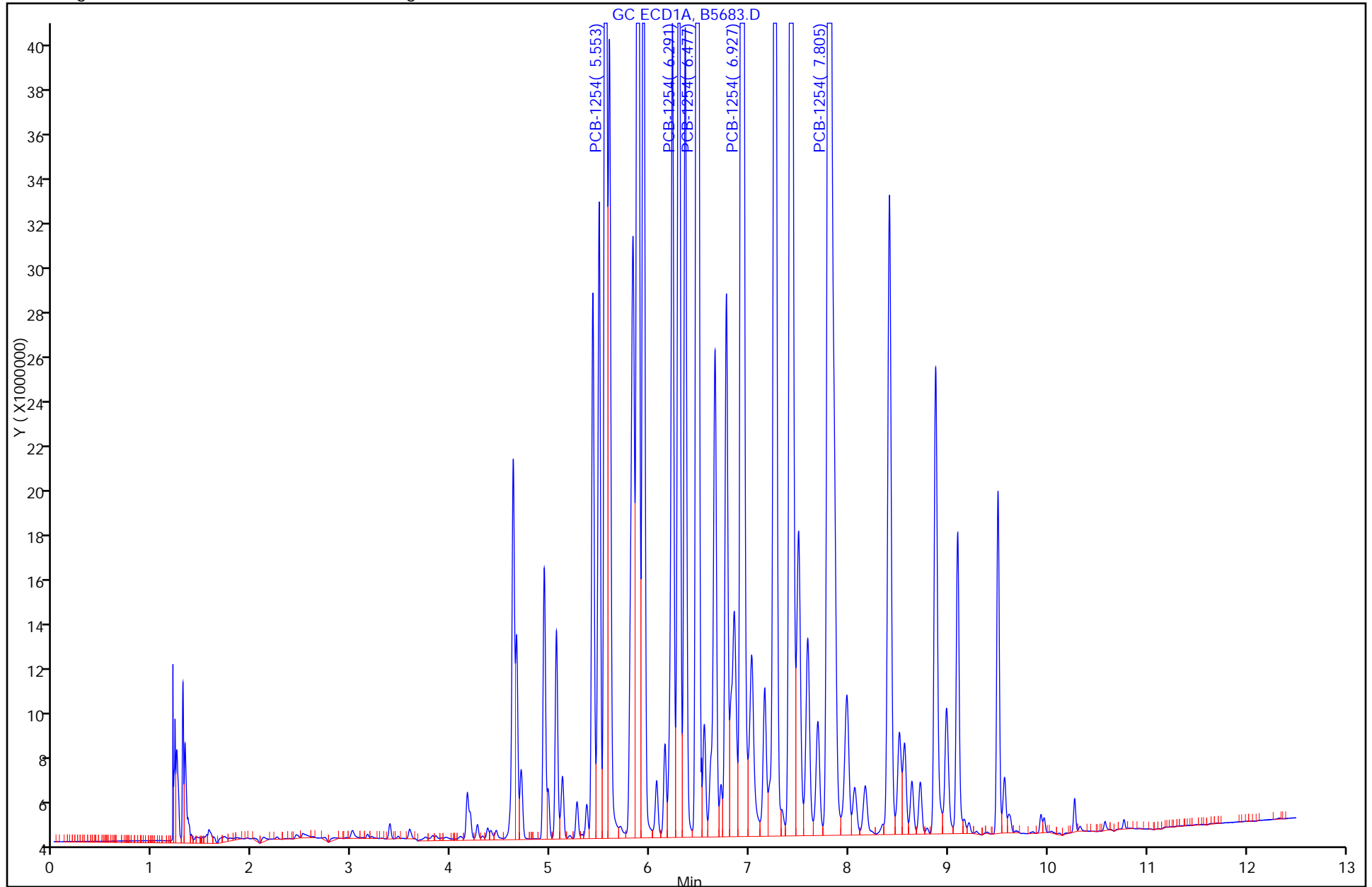
Lims Batch ID: 90379

Lims Sample ID: 4

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-90379/13 Calibration Date: 11/30/2011 12:27
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5692.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua2		37027		1000	1000	-0.0	15.0
PCB-1016 Peak 2	Qua2		79892		990	1000	-1.0	15.0
PCB-1016 Peak 3	Qua2		63856		1000	1000	-0.0	15.0
PCB-1016 Peak 4	Qua2		49827		993	1000	-0.7	15.0
PCB-1016 Peak 5	Qua2		31159		977	1000	-2.3	15.0
PCB-1260 Peak 1	Qua2		90245		992	1000	-0.8	15.0
PCB-1260 Peak 2	Qua2		135016		985	1000	-1.5	15.0
PCB-1260 Peak 3	Qua2		54656		1010	1000	1.0	15.0
PCB-1260 Peak 4	Qua2		141471		1000	1000	0.3	15.0
PCB-1260 Peak 5	Qua2		86500		1030	1000	2.7	15.0
Dibutylchloredate	Qua2		1832309		98.3	100	-1.7	15.0
DCB Decachlorobiphenyl	Qua2		1479214		105	100	4.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-90379/13 Calibration Date: 11/30/2011 12:27
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5692.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.16	3.06	3.26
PCB-1016 Peak 2	3.58	3.48	3.68
PCB-1016 Peak 3	4.37	4.27	4.47
PCB-1016 Peak 4	4.94	4.84	5.04
PCB-1016 Peak 5	5.49	5.39	5.59
PCB-1260 Peak 1	6.77	6.67	6.87
PCB-1260 Peak 2	7.26	7.16	7.36
PCB-1260 Peak 3	7.49	7.39	7.59
PCB-1260 Peak 4	7.80	7.70	7.90
PCB-1260 Peak 5	8.56	8.46	8.66
Dibutylchloroendate	9.57	9.47	9.67
DCB Decachlorobiphenyl	10.77	10.67	10.87

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5692.D
 Lims ID: ccv1000 Client ID:
 Inject. Date: 30-Nov-2011 12:27:44 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 24
 Lims Batch ID: 90379 Lims Sample ID: 13
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 12:54:34 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 12:54:34

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.159	3.159	0.000	37027321	999.6		100.0	
1	2	3.583	3.583	0.000	79891764	989.9	186.9- 246.9	215.8	
1	3	4.367	4.367	0.000	63856357	999.6	143.8- 203.8	172.5	
1	4	4.937	4.937	0.000	49826502	992.7	106.7- 166.7	134.6	
1	5	5.488	5.488	0.000	31159182	976.6	55.8- 115.8	84.2	
Average of Peak Amounts =						991.7			
2	6	3.698	3.698	0.000	21808872	886.3		100.0	
2	7	4.271	4.271	0.000	47545079	883.8	189.6- 249.6	218.0	
2	8	5.154	5.154	0.000	37218520	881.2	138.6- 198.6	170.7	
2	9	5.585	5.585	0.000	17680463	918.0	49.7- 109.7	81.1	
2	10	5.877	5.877	0.000	30339610	902.6	108.1- 168.1	139.1	
Average of Peak Amounts =						894.4			

RPD = 10.32

11 PCB-1260

1	1	6.767	6.767	0.000	90244740	991.9		100.0	
1	2	7.256	7.256	0.000	135016059	984.8	119.7- 179.7	149.6	
1	3	7.494	7.494	0.000	54656061	1009.7	29.6- 89.6	60.6	
1	4	7.803	7.803	0.000	141470607	1002.8	126.4- 186.4	156.8	
1	5	8.561	8.561	0.000	86499639	1027.2	64.1- 124.1	95.9	
Average of Peak Amounts =						1003.3			
2	6	7.833	7.833	0.000	30347346	953.8		100.0	
2	7	8.202	8.202	0.000	58809697	928.2	163.4- 223.4	193.8	
2	8	8.632	8.632	0.000	71830468	920.8	201.9- 261.9	236.7	
2	9	9.352	9.352	0.000	55689995	976.1	146.4- 206.4	183.5	
2	10	9.742	9.742	0.000	58586181	952.8	153.8- 213.8	193.1	
Average of Peak Amounts =						946.3			

RPD = 5.84

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5692.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.568	9.568	0.000	183230913	98.3			
2	2	10.257	10.257	0.000	81107745	95.8			
							RPD = 2.60		

\$ 2 DCB Decachlorobiphenyl

1	1	10.768	10.768	0.000	147921438	104.8			
2	2	11.577	11.577	0.000	99425454	104.2			
							RPD = 0.56		

Report Date: 30-Nov-2011 12:54:34

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5692.D

Injection Date: 30-Nov-2011 12:27:44

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

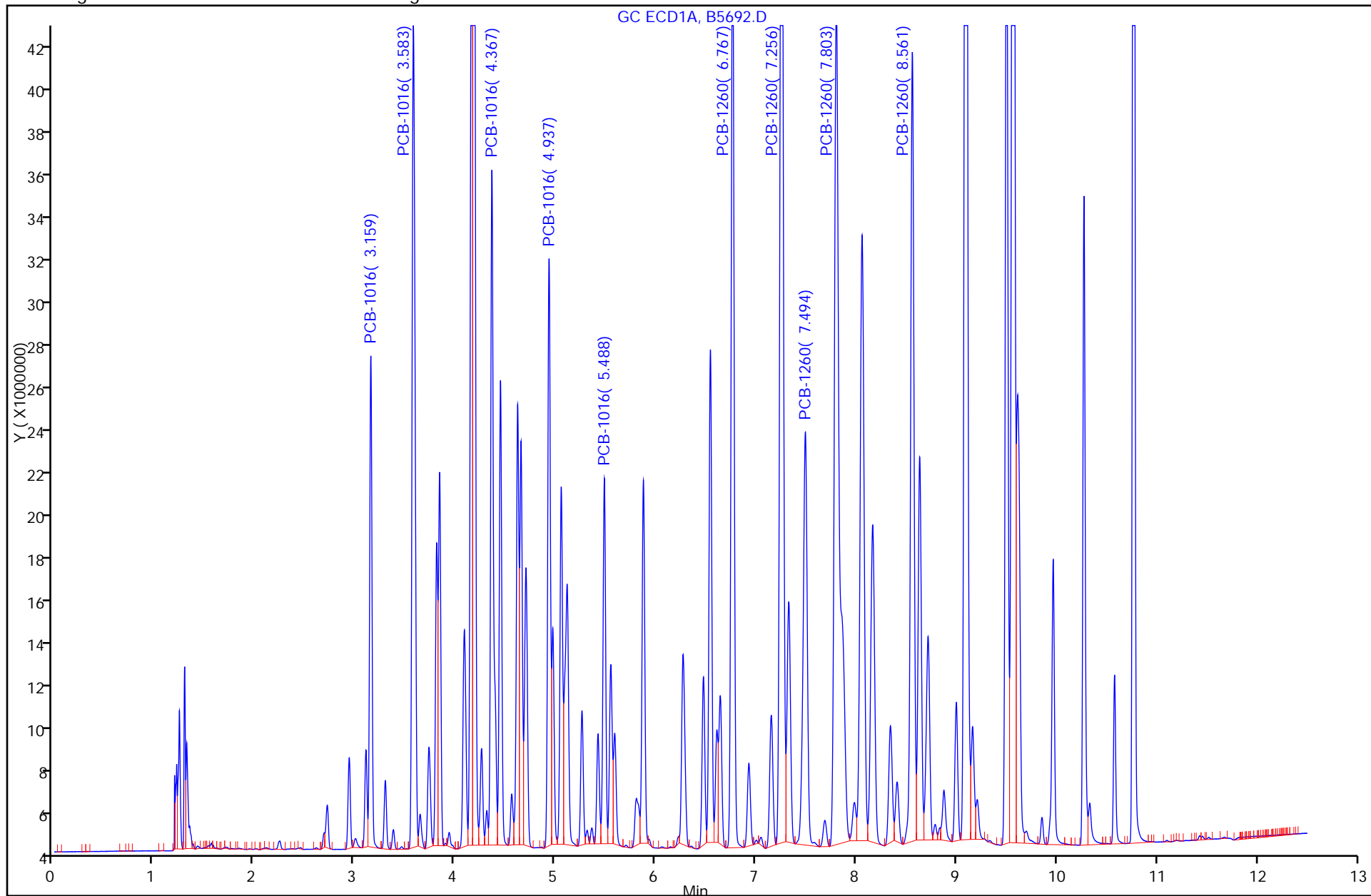
Lims Batch ID: 90379

Lims Sample ID: 13

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90379/19 Calibration Date: 11/30/2011 13:59
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5698.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Qua2		37090		1530	1500	1.9	15.0
PCB-1016 Peak 2	Qua2		79534		1510	1500	0.8	15.0
PCB-1016 Peak 3	Qua2		64180		1520	1500	1.4	15.0
PCB-1016 Peak 4	Qua2		49840		1510	1500	0.4	15.0
PCB-1016 Peak 5	Qua2		31612		1510	1500	0.6	15.0
PCB-1260 Peak 1	Qua2		90101		1500	1500	0.2	15.0
PCB-1260 Peak 2	Qua2		135726		1500	1500	-0.1	15.0
PCB-1260 Peak 3	Qua2		55269		1530	1500	1.7	15.0
PCB-1260 Peak 4	Qua2		143283		1520	1500	1.6	15.0
PCB-1260 Peak 5	Qua2		87301		1560	1500	3.8	15.0
Dibutylchloredate	Qua2		2046217		108	100	7.8	15.0
DCB Decachlorobiphenyl	Qua2		1520561		108	100	7.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90379/19 Calibration Date: 11/30/2011 13:59
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B5698.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.16	3.06	3.26
PCB-1016 Peak 2	3.58	3.48	3.68
PCB-1016 Peak 3	4.37	4.27	4.47
PCB-1016 Peak 4	4.94	4.84	5.04
PCB-1016 Peak 5	5.49	5.39	5.59
PCB-1260 Peak 1	6.77	6.67	6.87
PCB-1260 Peak 2	7.26	7.16	7.36
PCB-1260 Peak 3	7.50	7.40	7.60
PCB-1260 Peak 4	7.80	7.70	7.90
PCB-1260 Peak 5	8.56	8.46	8.66
Dibutylchloroendate	9.57	9.47	9.67
DCB Decachlorobiphenyl	10.77	10.67	10.87

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5698.D
 Lims ID: ccv1500 Client ID:
 Inject. Date: 30-Nov-2011 13:59:40 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 25
 Lims Batch ID: 90379 Lims Sample ID: 19
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111130-5995.b\PCBS.m
 Last Update: 30-Nov-2011 14:18:03 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 14:18:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

4 PCB-1016

1	1	3.159	3.159	0.000	55634867	1527.9		100.0	
1	2	3.584	3.584	0.000	119301464	1511.4	186.9- 246.9	214.4	
1	3	4.367	4.367	0.000	96270467	1521.3	143.8- 203.8	173.0	
1	4	4.938	4.938	0.000	74760633	1505.9	106.7- 166.7	134.4	
1	5	5.489	5.489	0.000	47418359	1508.6	55.8- 115.8	85.2	
Average of Peak Amounts =						1515.0			
2	6	3.699	3.699	0.000	32015220	1340.6		100.0	
2	7	4.271	4.271	0.000	69451424	1327.9	189.6- 249.6	216.9	
2	8	5.155	5.155	0.000	54316375	1335.3	138.6- 198.6	169.7	
2	9	5.585	5.585	0.000	26029588	1396.4	49.7- 109.7	81.3	
2	10	5.878	5.878	0.000	44448998	1356.9	108.1- 168.1	138.8	
Average of Peak Amounts =						1351.4			
						RPD = 11.42			

11 PCB-1260

1	1	6.769	6.769	0.000	135151921	1502.9		100.0	
1	2	7.257	7.257	0.000	203588852	1498.1	119.7- 179.7	150.6	
1	3	7.495	7.495	0.000	82903957	1526.2	29.6- 89.6	61.3	
1	4	7.804	7.804	0.000	214924663	1524.6	126.4- 186.4	159.0	
1	5	8.561	8.561	0.000	130950762	1557.7	64.1- 124.1	96.9	
Average of Peak Amounts =						1521.9			
2	6	7.834	7.834	0.000	45003624	1424.8		100.0	
2	7	8.202	8.202	0.000	86445824	1390.5	163.4- 223.4	192.1	
2	8	8.633	8.633	0.000	106035020	1397.8	201.9- 261.9	235.6	
2	9	9.353	9.353	0.000	82313310	1460.9	146.4- 206.4	182.9	
2	10	9.744	9.744	0.000	86541215	1444.8	153.8- 213.8	192.3	
Average of Peak Amounts =						1423.7			
						RPD = 6.66			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.568	9.568	0.000	204621701	107.8			
2	2	10.257	10.257	0.000	81077877	95.8			
							RPD = 11.86		

\$ 2 DCB Decachlorobiphenyl

1	1	10.769	10.769	0.000	152056073	107.8			
2	2	11.578	11.578	0.000	98788985	103.5			
							RPD = 4.04		

Report Date: 30-Nov-2011 14:18:03

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111130-5995.b\B5698.D

Injection Date: 30-Nov-2011 13:59:40

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

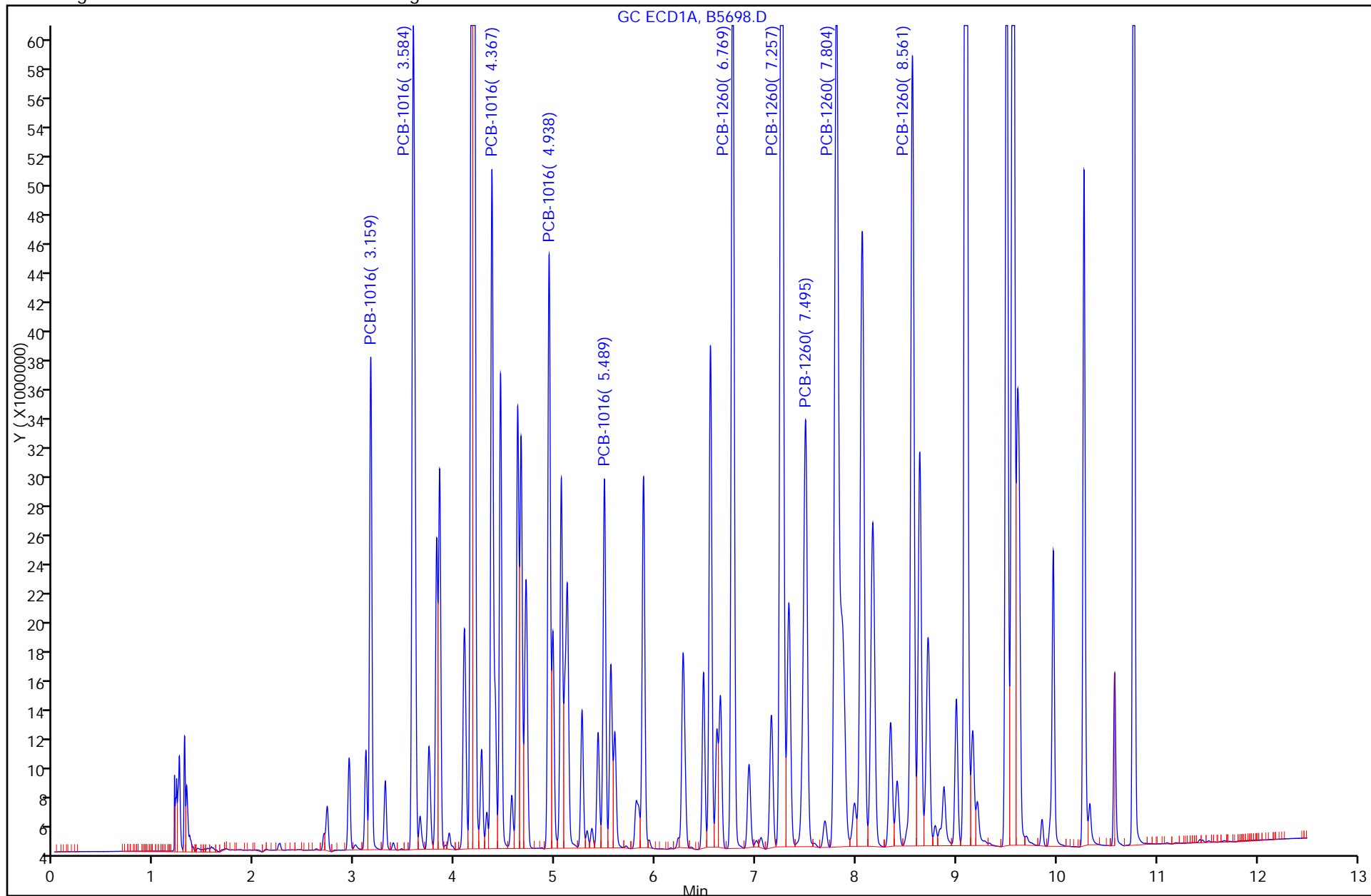
Lims Batch ID: 90379

Lims Sample ID: 19

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 510-90301/1-A
 Matrix: Solid Lab File ID: B5656.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 11/29/2011 07:25
 Sample wt/vol: 15(g) Date Analyzed: 11/29/2011 15:38
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90304 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.020		0.020	0.0023
11104-28-2	PCB-1221	<0.020		0.020	0.0066
11141-16-5	PCB-1232	<0.020		0.020	0.0014
53469-21-9	PCB-1242	<0.020		0.020	0.0038
12672-29-6	PCB-1248	<0.020		0.020	0.0035
11097-69-1	PCB-1254	<0.020		0.020	0.0032
11096-82-5	PCB-1260	<0.020		0.020	0.0016

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		14-147
1770-80-5	Dibutylchloredate	46		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5656.D
 Lims ID: MB 510-90301/1-A Client ID:
 Inject. Date: 29-Nov-2011 15:38:58 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: mb 510-90301/1-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 29
 Lims Batch ID: 90304 Lims Sample ID: 27
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111129-5985.b\PCBS.m
 Last Update: 30-Nov-2011 09:35:20 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 30-Nov-2011 09:36:25

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
\$	1								1
	1		0.0						
									1
	1		0.0						
	1		2.246						
	2		2.940						
	3		3.108						
	4		3.155						
	5		4.364						
	6		2.501						
	7		2.927						
	8		3.421						
	9		3.613						
	10		3.697						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
7 PCB-1232									
1	1		2.941						
1	2		3.156						
1	3		3.582						
1	4		4.365						
1	5		4.451						
2	6		2.501						
2	7		3.697						
2	8		4.269						
2	9		5.152						
2	10		5.874						
10 PCB-1242									
1	1		3.157						
1	2		3.582						
1	3		4.450						
1	4		5.114						
1	5		5.591						
2	6		3.697						
2	7		4.268						
2	8		5.152						
2	9		6.545						
2	10		6.931						
4 PCB-1016									
1	1		3.159						
1	2		3.584						
1	3		4.368						
1	4		4.938						
1	5		5.490						
2	6		3.698						
2	7		4.271						
2	8		5.155						
2	9		5.586						
2	10		5.878						
6 PCB-1248									
1	1		3.580						
1	2		4.187						
1	3		5.057						
1	4		5.590						
1	5		6.476						
2	6		4.268						
2	7		5.149						
2	8		5.876						
2	9		6.544						
2	10		6.932						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	-----------------	-------------	-------	-------

9 PCB-1254

1	1	5.549
1	2	6.288
1	3	6.474
1	4	6.926
1	5	7.803
2	6	6.541
2	7	6.857
2	8	7.755
2	9	8.276
2	10	9.222

11 PCB-1260

1	1	6.769
1	2	7.259
1	3	7.496
1	4	7.805
1	5	8.563
2	6	7.835
2	7	8.204
2	8	8.634
2	9	9.353
2	10	9.743

\$ 3 Dibutylchloroendate

1	1	9.582	9.569	0.013	79207539	46.4
2	2	10.261	10.258	0.003	47989351	54.9

RPD = 16.80

\$ 2 DCB Decachlorobiphenyl

1	1	10.777	10.770	0.007	130614144	92.3
2	2	11.582	11.578	0.004	85021938	88.4

RPD = 4.25

QC Flag Legend

Processing Flags

1 - Missing Peaks

Report Date: 30-Nov-2011 09:36:26

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5656.D

Injection Date: 29-Nov-2011 15:38:58

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

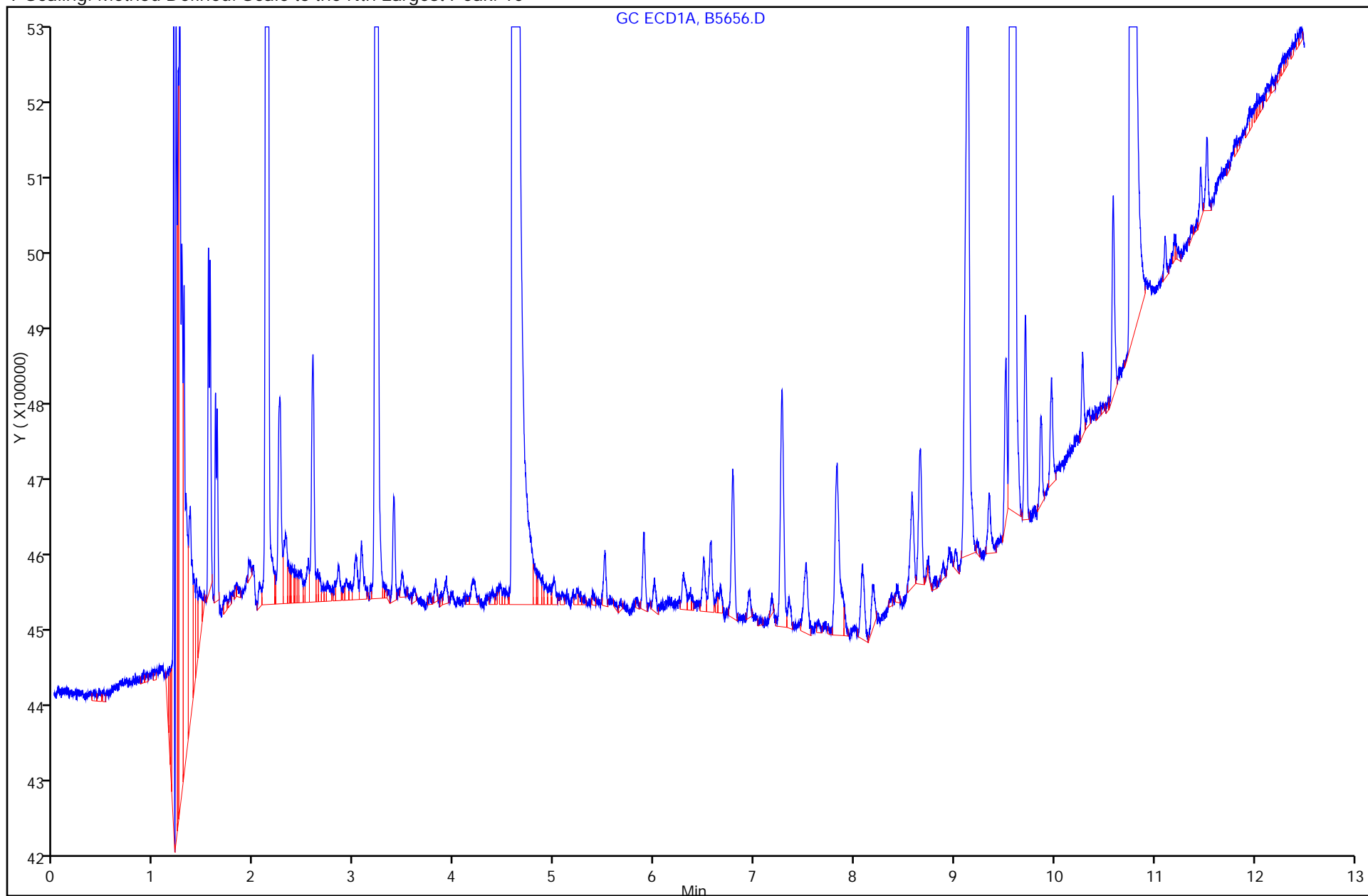
Lims Batch ID: 90304

Lims Sample ID: 27

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 510-90301/2-A
 Matrix: Solid Lab File ID: B5657.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 11/29/2011 07:25
 Sample wt/vol: 15(g) Date Analyzed: 11/29/2011 15:54
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90304 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.324		0.020	0.0023
11096-82-5	PCB-1260	0.332		0.020	0.0016

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		14-147
1770-80-5	Dibutylchloredate	76		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5657.D
 Lims ID: LCS 510-90301/2-A Client ID:
 Inject. Date: 29-Nov-2011 15:54:05 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: lcs 510-90301/2-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 30
 Lims Batch ID: 90304 Lims Sample ID: 28
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111129-5985.b\PCBS.m
 Last Update: 30-Nov-2011 09:35:20 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 30-Nov-2011 09:36:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.157	3.159	-0.002	34627348	932.6		100.0		
1	2	3.582	3.584	-0.002	78998420	978.4	186.9- 246.9	228.1		
1	3	4.366	4.368	-0.002	63940872	1001.0	143.8- 203.8	184.7		
1	4	4.937	4.938	-0.001	48912487	974.1	106.7- 166.7	141.3		
1	5	5.489	5.490	-0.001	30906228	968.4	55.8- 115.8	89.3		
		Average of Peak Amounts =				970.9				
2	6	3.698	3.698	0.000	20445595	827.6		100.0		
2	7	4.270	4.271	-0.001	46850669	870.1	189.6- 249.6	229.1		
2	8	5.154	5.155	-0.001	36500401	862.9	138.6- 198.6	178.5		
2	9	5.585	5.586	-0.001	17842794	927.0	49.7- 109.7	87.3		
2	10	5.877	5.878	-0.001	29504917	876.4	108.1- 168.1	144.3		
		Average of Peak Amounts =				872.8				
		RPD = 10.64								
11 PCB-1260										
1	1	6.769	6.769	0.000	89359024	981.9		100.0		
1	2	7.257	7.259	-0.002	137891356	1006.2	119.7- 179.7	154.3		
1	3	7.495	7.496	-0.001	54692438	1010.4	29.6- 89.6	61.2		
1	4	7.805	7.805	0.000	152054110	1078.1	126.4- 186.4	170.2		
1	5	8.562	8.563	-0.001	76737017	910.4	64.1- 124.1	85.9		
		Average of Peak Amounts =				997.4				
2	6	7.835	7.835	0.000	28333299	889.4		100.0		
2	7	8.203	8.204	-0.001	57557314	907.6	163.4- 223.4	203.1		
2	8	8.633	8.634	-0.001	70752764	906.1	201.9- 261.9	249.7		
2	9	9.354	9.353	0.001	47134785	822.3	146.4- 206.4	166.4		
2	10	9.743	9.743	0.000	52971574	856.8	153.8- 213.8	187.0		
		Average of Peak Amounts =				876.5				
		RPD = 12.91								

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	--------------------	-------------	-------	-------

\$ 3 Dibutylchlorendate

1	1	9.570	9.569	0.001	136366023	76.2			
2	2	10.258	10.258	0.000	59992142	69.5			
							RPD = 9.18		

\$ 2 DCB Decachlorobiphenyl

1	1	10.770	10.770	0.000	149626758	106.0			
2	2	11.579	11.578	0.001	97194002	101.8			
							RPD = 4.10		

Report Date: 30-Nov-2011 09:36:40

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111129-5985.b\B5657.D

Injection Date: 29-Nov-2011 15:54:05

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

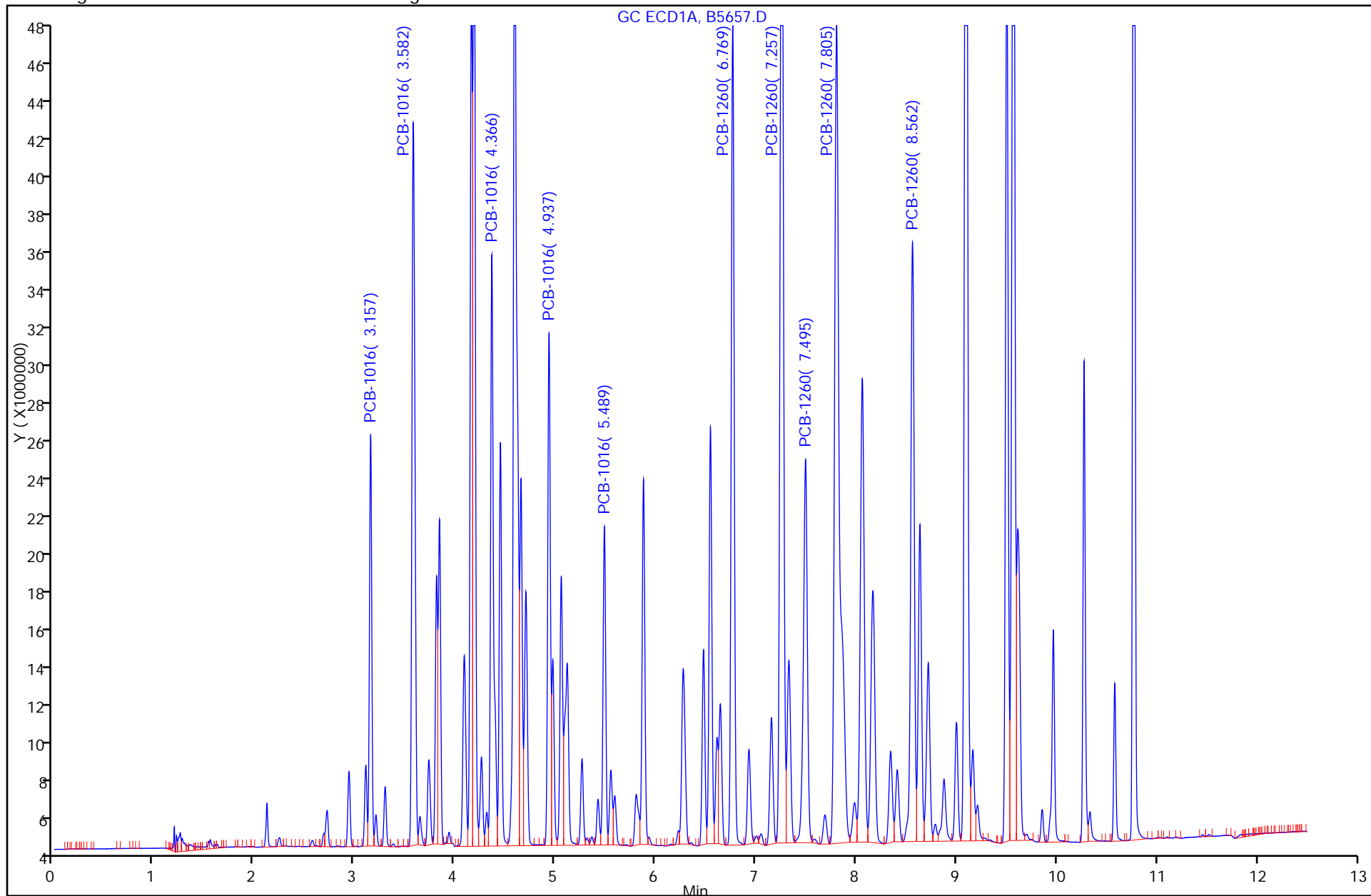
Lims Batch ID: 90304

Lims Sample ID: 28

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Instrument ID: SGCA Start Date: 10/11/2011 13:25

Analysis Batch Number: 87982 End Date: 10/11/2011 20:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD20 510-87982/1 IC		10/11/2011 13:25	1	B4803.D	8082/608 0.53 (mm)
STD20 510-87982/1 IC		10/11/2011 13:25	1		8082/608V2 0.53 (mm)
STD50 510-87982/2 IC		10/11/2011 13:40	1	B4804.D	8082/608 0.53 (mm)
STD50 510-87982/2 IC		10/11/2011 13:40	1		8082/608V2 0.53 (mm)
STD100 510-87982/3 IC		10/11/2011 13:55	1	B4805.D	8082/608 0.53 (mm)
STD100 510-87982/3 IC		10/11/2011 13:55	1		8082/608V2 0.53 (mm)
STD250 510-87982/4 IC		10/11/2011 14:11	1	B4806.D	8082/608 0.53 (mm)
STD250 510-87982/4 IC		10/11/2011 14:11	1		8082/608V2 0.53 (mm)
STD500 510-87982/5 IC		10/11/2011 14:26	1	B4807.D	8082/608 0.53 (mm)
STD500 510-87982/5 IC		10/11/2011 14:26	1		8082/608V2 0.53 (mm)
STD1000 510-87982/6 IC		10/11/2011 14:41	1	B4808.D	8082/608 0.53 (mm)
STD1000 510-87982/6 IC		10/11/2011 14:41	1		8082/608V2 0.53 (mm)
STD1500 510-87982/7 IC		10/11/2011 14:57	1	B4809.D	8082/608 0.53 (mm)
STD1500 510-87982/7 IC		10/11/2011 14:57	1		8082/608V2 0.53 (mm)
STD2000 510-87982/8 IC		10/11/2011 15:12	1	B4810.D	8082/608 0.53 (mm)
STD2000 510-87982/8 IC		10/11/2011 15:12	1		8082/608V2 0.53 (mm)
STD3000 510-87982/9 IC		10/11/2011 15:28	1	B4811.D	8082/608 0.53 (mm)
STD3000 510-87982/9 IC		10/11/2011 15:28	1		8082/608V2 0.53 (mm)
STD1221 510-87982/10 IC		10/11/2011 15:43	1	B4812.D	8082/608 0.53 (mm)
STD1221 510-87982/10 IC		10/11/2011 15:43	1		8082/608V2 0.53 (mm)
STD1232 510-87982/11 IC		10/11/2011 15:58	1	B4813.D	8082/608 0.53 (mm)
STD1232 510-87982/11 IC		10/11/2011 15:58	1		8082/608V2 0.53 (mm)
STD1242 510-87982/12 IC		10/11/2011 16:13	1	B4814.D	8082/608 0.53 (mm)
STD1242 510-87982/12 IC		10/11/2011 16:13	1		8082/608V2 0.53 (mm)
STD1248 510-87982/13 IC		10/11/2011 16:29	1	B4815.D	8082/608 0.53 (mm)
STD1248 510-87982/13 IC		10/11/2011 16:29	1		8082/608V2 0.53 (mm)
STD1254 510-87982/14 IC		10/11/2011 16:44	1	B4816.D	8082/608 0.53 (mm)
STD1254 510-87982/14 IC		10/11/2011 16:44	1		8082/608V2 0.53 (mm)
ICV 510-87982/15		10/11/2011 16:59	1		8082/608 0.53 (mm)
ICV 510-87982/15		10/11/2011 16:59	1		8082/608V2 0.53 (mm)
CCV1500 510-87982/16		10/11/2011 17:15	1		8082/608 0.53 (mm)
CCV1500 510-87982/16		10/11/2011 17:15	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 17:36	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 17:36	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Instrument ID: SGCA Start Date: 10/11/2011 13:25

Analysis Batch Number: 87982 End Date: 10/11/2011 20:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/11/2011 17:51	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 17:51	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 18:06	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 18:06	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 18:21	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 18:21	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 18:37	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 18:37	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 18:52	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 18:52	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 19:08	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 19:08	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 19:23	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 19:23	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 19:38	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 19:38	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 19:53	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 19:53	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 20:09	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 20:09	1		8082/608V2 0.53 (mm)
ZZZZZ		10/11/2011 20:24	1		8082/608 0.53 (mm)
ZZZZZ		10/11/2011 20:24	1		8082/608V2 0.53 (mm)
CCV1000 510-87982/29		10/11/2011 20:40	1		8082/608 0.53 (mm)
CCV1000 510-87982/29		10/11/2011 20:40	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Instrument ID: SGCA Start Date: 11/29/2011 08:41

Analysis Batch Number: 90304 End Date: 11/29/2011 18:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-90304/1		11/29/2011 08:41	1		8082/608 0.53 (mm)
CCV1500 510-90304/1		11/29/2011 08:41	1		8082/608V2 0.53 (mm)
CCV1242 510-90304/2		11/29/2011 08:57	1		8082/608 0.53 (mm)
CCV1242 510-90304/2		11/29/2011 08:57	1		8082/608V2 0.53 (mm)
CCV1248 510-90304/3		11/29/2011 09:12	1		8082/608 0.53 (mm)
CCV1248 510-90304/3		11/29/2011 09:12	1		8082/608V2 0.53 (mm)
CCV1254 510-90304/4		11/29/2011 09:27	1		8082/608 0.53 (mm)
CCV1254 510-90304/4		11/29/2011 09:27	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 09:42	20		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 09:42	20		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 09:57	10		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 09:57	10		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 10:12	200		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 10:12	200		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 10:27	100		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 10:27	100		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 10:43	100		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 10:43	100		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 10:58	10		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 10:58	10		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 11:13	10		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 11:13	10		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 11:28	10		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 11:28	10		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 11:43	100		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 11:43	100		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 11:58	500		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 11:58	500		8082/608V2 0.53 (mm)
CCV1000 510-90304/15		11/29/2011 12:14	1		8082/608 0.53 (mm)
CCV1000 510-90304/15		11/29/2011 12:14	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 12:29	500		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 12:29	500		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 12:44	10		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 12:44	10		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 12:59	10		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 12:59	10		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 13:14	100		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 13:14	100		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 13:29	100		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 13:29	100		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 13:44	10		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 13:44	10		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 13:59	10		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 13:59	10		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 14:14	200		8082/608 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Instrument ID: SGCA Start Date: 11/29/2011 08:41

Analysis Batch Number: 90304 End Date: 11/29/2011 18:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/29/2011 14:14	200		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 14:30	500		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 14:30	500		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 14:45	1000		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 14:45	1000		8082/608V2 0.53 (mm)
CCV1500 510-90304/26		11/29/2011 15:00	1	B5655.D	8082/608 0.53 (mm)
CCV1500 510-90304/26		11/29/2011 15:00	1		8082/608V2 0.53 (mm)
MB 510-90301/1-A		11/29/2011 15:38	1	B5656.D	8082/608 0.53 (mm)
ZZZZZ		11/29/2011 15:38	1		8082/608V2 0.53 (mm)
LCS 510-90301/2-A		11/29/2011 15:54	1	B5657.D	8082/608 0.53 (mm)
ZZZZZ		11/29/2011 15:54	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 16:09	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 16:09	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 16:24	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 16:24	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 16:39	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 16:39	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 16:55	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 16:55	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 17:10	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 17:10	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 17:25	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 17:25	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 17:40	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 17:40	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 17:55	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 17:55	1		8082/608V2 0.53 (mm)
ZZZZZ		11/29/2011 18:11	1		8082/608 0.53 (mm)
ZZZZZ		11/29/2011 18:11	1		8082/608V2 0.53 (mm)
CCV1000 510-90304/38		11/29/2011 18:26	1	B5667.D	8082/608 0.53 (mm)
CCV1000 510-90304/38		11/29/2011 18:26	1		8082/608V2 0.53 (mm)
CCV1000 510-90304/39		11/29/2011 18:41	1	B5668.D	8082/608 0.53 (mm)
CCV1000 510-90304/39		11/29/2011 18:41	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Instrument ID: SGCA Start Date: 11/30/2011 09:22

Analysis Batch Number: 90379 End Date: 11/30/2011 13:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-90379/1		11/30/2011 09:22	1	B5680.D	8082/608 0.53 (mm)
CCV1500 510-90379/1		11/30/2011 09:22	1		8082/608V2 0.53 (mm)
CCV1242 510-90379/2		11/30/2011 09:38	1	B5681.D	8082/608 0.53 (mm)
CCV1242 510-90379/2		11/30/2011 09:38	1		8082/608V2 0.53 (mm)
CCV1248 510-90379/3		11/30/2011 09:53	1	B5682.D	8082/608 0.53 (mm)
CCV1248 510-90379/3		11/30/2011 09:53	1		8082/608V2 0.53 (mm)
CCV1254 510-90379/4		11/30/2011 10:09	1	B5683.D	8082/608 0.53 (mm)
CCV1254 510-90379/4		11/30/2011 10:09	1		8082/608V2 0.53 (mm)
ZZZZZ		11/30/2011 10:24	10		8082/608 0.53 (mm)
ZZZZZ		11/30/2011 10:24	10		8082/608V2 0.53 (mm)
ZZZZZ		11/30/2011 10:40	10		8082/608 0.53 (mm)
ZZZZZ		11/30/2011 10:40	10		8082/608V2 0.53 (mm)
ZZZZZ		11/30/2011 10:55	10		8082/608 0.53 (mm)
ZZZZZ		11/30/2011 10:55	10		8082/608V2 0.53 (mm)
ZZZZZ		11/30/2011 11:10	10		8082/608 0.53 (mm)
ZZZZZ		11/30/2011 11:10	10		8082/608V2 0.53 (mm)
ZZZZZ		11/30/2011 11:26	10		8082/608 0.53 (mm)
ZZZZZ		11/30/2011 11:26	10		8082/608V2 0.53 (mm)
ZZZZZ		11/30/2011 11:41	10		8082/608 0.53 (mm)
ZZZZZ		11/30/2011 11:41	10		8082/608V2 0.53 (mm)
ZZZZZ		11/30/2011 11:57	10		8082/608 0.53 (mm)
ZZZZZ		11/30/2011 11:57	10		8082/608V2 0.53 (mm)
ZZZZZ		11/30/2011 12:12	10		8082/608 0.53 (mm)
ZZZZZ		11/30/2011 12:12	10		8082/608V2 0.53 (mm)
CCV1000 510-90379/13		11/30/2011 12:27	1	B5692.D	8082/608 0.53 (mm)
CCV1000 510-90379/13		11/30/2011 12:27	1		8082/608V2 0.53 (mm)
510-72715-1 DL	AREA D-1 DL	11/30/2011 12:43	10	B5693.D	8082/608 0.53 (mm)
ZZZZZ		11/30/2011 12:43	10		8082/608V2 0.53 (mm)
510-72715-2 DL	AREA D-2 DL	11/30/2011 12:58	10	B5694.D	8082/608 0.53 (mm)
ZZZZZ		11/30/2011 12:58	10		8082/608V2 0.53 (mm)
510-72715-3 DL	AREA D-3 DL	11/30/2011 13:13	100	B5695.D	8082/608 0.53 (mm)
ZZZZZ		11/30/2011 13:13	100		8082/608V2 0.53 (mm)
510-72715-4 DL	SWD-1 DL	11/30/2011 13:28	10	B5696.D	8082/608 0.53 (mm)
ZZZZZ		11/30/2011 13:28	10		8082/608V2 0.53 (mm)
510-72715-5 DL	SWD-2 DL	11/30/2011 13:44	10	B5697.D	8082/608 0.53 (mm)
ZZZZZ		11/30/2011 13:44	10		8082/608V2 0.53 (mm)
CCV1500 510-90379/19		11/30/2011 13:59	1	B5698.D	8082/608 0.53 (mm)
CCV1500 510-90379/19		11/30/2011 13:59	1		8082/608V2 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Batch Number: 90301 Batch Start Date: 11/29/11 07:25 Batch Analyst: Page, Sarah N

Batch Method: 3546 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SGPCBSKWS 00026	SGPCBSSWS 00032		
MB 510-90301/1		3546, 8082		15 g	5 mL		250 uL		
LCS 510-90301/2		3546, 8082		15 g	5 mL	250 uL	250 uL		
510-72715-A-1	AREA D-1	3546, 8082	T	15.66 g	5 mL		250 uL		
510-72715-B-2	AREA D-2	3546, 8082	T	15.75 g	5 mL		250 uL		
510-72715-B-3	AREA D-3	3546, 8082	T	15.37 g	5 mL		250 uL		
510-72715-A-4	SWD-1	3546, 8082	T	15.41 g	5 mL		250 uL		
510-72715-B-5	SWD-2	3546, 8082	T	15.06 g	5 mL		250 uL		

Batch Notes	
Balance ID	37912
Hexane Lot#	ophexr_00082
Microwave Start Time	0940
Microwave Stop Time	1005
Na2SO4 Lot Number	opna2so4_00021
Ottawa Sand Lot #	opsand_00007
Person's name who did the prep	Sarah Page
Water Bath Temperature	35, 36

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso Job Number: 510-72715-1

SDG No.: _____

Project: South Bend Former Studebaker Foundry

Client Sample ID	Lab Sample ID
<u>AREA D-1</u>	<u>510-72715-1</u>
<u>AREA D-2</u>	<u>510-72715-2</u>
<u>AREA D-3</u>	<u>510-72715-3</u>
<u>SWD-1</u>	<u>510-72715-4</u>
<u>SWD-2</u>	<u>510-72715-5</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso

Job Number: 510-72715-1

SDG Number: _____

Matrix: Solid

Instrument ID: NOEQUIP

Method: Moisture

RL Date: 11/15/2005 14:44

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/29/2011 16:55 End Date: 11/29/2011 16:55

Lab Sample ID	D / F	T y p e	Time	Analytes															
				% S o l	M o i s t														
MB 510-90361/1	1	T	16:55	X	X														
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
510-72715-1	1	T	16:55	X	X														
510-72715-2	1	T	16:55	X	X														
510-72715-3	1	T	16:55	X	X														
510-72715-4	1	T	16:55	X	X														
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
510-72715-5	1	T	16:55	X	X														
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																
ZZZZZZ			16:55																

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-72715-1

SDG No.: _____

Batch Number: 90361 Batch Start Date: 11/29/11 16:55 Batch Analyst: Tran, Kevin

Batch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
MB 510-90361/1		Moisture		1	1.0194 g	11.4263 g	1.0208 g		
510-72715-B-1	AREA D-1	Moisture	T	5	1.0391 g	11.9236 g	11.0964 g		
510-72715-A-2	AREA D-2	Moisture	T	6	1.0416 g	11.5568 g	10.8544 g		
510-72715-A-3	AREA D-3	Moisture	T	7	1.0170 g	11.7136 g	10.5092 g		
510-72715-B-4	SWD-1	Moisture	T	8	1.0186 g	11.6597 g	10.4769 g		
510-72715-A-5	SWD-2	Moisture	T	18	1.0064 g	11.2166 g	10.4944 g		

Batch Notes	
Balance ID	p214-046004 No Unit
Date samples were placed in the oven	11/29/11
Oven Temp when samples are put in oven	104.2 Degrees C
Time samples were place in the oven	1715
Date samples were removed from oven	11/30/11
Oven Temp when samples removed from oven	103.2 Degrees C
Time Samples were removed from oven	0915
Oven ID	wc-ovn-1
ID number of the thermometer	14-986B-G
Uncorrected In Temperature	104.0 Celsius
Uncorrected Out Temperature	103.0 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Chain of Custody Record

2400-Cumberland Drive
Valparaiso, IN 46383
Phone (219) 464-2389 Fax (219) 462-2953

Client Information		Lab PMI Kintz, Robin M	Carrier Tracking No(s)	COC No 510-14134.1															
Client Contact: Ed Stefanek/Jodi Slough		E-Mail robinm.kintz@testamerica.com		Page: 1 of 1															
Company: Weaver Boos Consultants LLC				Job #															
Address: 4085 Meghan Beeler Court																			
City: South Bend																			
State, Zip: IN, 46628																			
Phone: 574-271-3447																			
E-mail: estefanek@weaverboos.com / jslough@weaverboos.com																			
Project Name: South Bend Former Studebaker Foundry																			
Site: South Bend Former Studebaker Foundry																			
Due Date Requested:																			
TAT Requested (days):																			
FO # 0058-373-01																			
WO #																			
Project # 51001692																			
SSOW#																			
72715																			
Sample Identification																			
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Organic, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270C, 8270C_SIM - BNAs	N	8082 - PCBs	N	8015 - TPH GRO	N	8015 - TPH ERO	N	8260B - VOCs (Trip Blanks)	N	Total/Free Cyanide	X	Total Number of Containers	X
11/28/11	1120	C	S	N	N														
11/28/11	1140	C	S	N	N														
11/28/11	1155	C	S	N	N														
11/28/11	1210	C	S	N	N														
11/28/11	1200	C	S	N	N														
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Special Instructions/QC Requirements:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
Deliverable Requested: I, II, III, (V) Other (specify)																			
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:													
Relinquished by: Jodi Slough		11/28/11 1520		11:28 AM		ABC		Received by: Chris Emeric											
Relinquished by: Chris Emeric		11-25-11 1530		11/28/11		Test America		Received by: Jodi Slough											
Relinquished by:						Test America		Received by:											
Custody Seals Intact:		Custody Seal No.:																	

Cooler Temperature(s) °C and Other Remarks:
510-28-052 B.i.c. Corrected Temp 3.4 °C

Login Sample Receipt Checklist

Client: Weaver Boos Consultants LLC

Job Number: 510-72715-1

Login Number: 72715
List Number: 2
Creator: Richter, Debbie D

List Source: TestAmerica Valparaiso

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.