

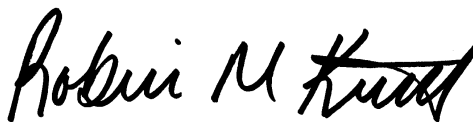
ANALYTICAL REPORT

Job Number: 510-73055-1

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
12/9/2011 5:06 PM

Robin M Kintz
Project Manager I
robinm.kintz@testamericainc.com
12/09/2011

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).

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Job Narrative
510-73055-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC Semi VOA

Method(s) 8082: Due to the high concentration of PCBs, the matrix spike / matrix spike duplicate (MS/MSD) for batch 90702 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8082: The following samples were diluted due to the abundance of non-target analytes and the matrix of the samples: AREAD-3b (510-73055-9), Field Duplicate (510-73055-10), TRAB-8b (510-73055-6). Elevated reporting limits (RLs) are provided. Prep batch 90702.

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: (510-73055-1 MS), (510-73055-1 MSD), TRAB-10b (510-73055-7), TRAB-11b (510-73055-8), TRAB-6b (510-73055-4), TRAB-7b (510-73055-5), TRC-1c (510-73055-1), TRC-4c (510-73055-2), TRC-5c (510-73055-3). Elevated reporting limits (RLs) are provided. Prep batch 90702.

Method(s) 8082: The following samples required two sulfuric acid clean-ups to reduce matrix interferences: (510-73055-1 MS), (510-73055-1 MSD), AREAD-3b (510-73055-9), Field Duplicate (510-73055-10), TRAB-10b (510-73055-7), TRAB-11b (510-73055-8), TRAB-6b (510-73055-4), TRAB-7b (510-73055-5), TRAB-8b (510-73055-6), TRC-1c (510-73055-1), TRC-4c (510-73055-2), TRC-5c (510-73055-3). Prep batch 90702.

Method(s) 8082: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: (510-73055-1 MS), (510-73055-1 MSD), AREAD-3b (510-73055-9), Field Duplicate (510-73055-10), TRAB-10b (510-73055-7), TRAB-11b (510-73055-8), TRAB-6b (510-73055-4), TRAB-7b (510-73055-5), TRAB-8b (510-73055-6), TRC-1c (510-73055-1), TRC-4c (510-73055-2), TRC-5c (510-73055-3). Prep batch 90702.

Method(s) 8082: The following samples contained PCBs at a concentration greater than 50ppm: TRAB-10b (510-73055-7), TRAB-11b (510-73055-8), TRAB-6b (510-73055-4), TRC-1c (510-73055-1), TRC-4c (510-73055-2), TRC-5c (510-73055-3). Disposal of the samples in the High PCB Disposal Area is required.

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.: 510-73055-1

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: 510-73055-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-73055-1	TRC-1c	Solid	12/06/2011 1215	12/06/2011 1610
510-73055-2	TRC-4c	Solid	12/06/2011 1220	12/06/2011 1610
510-73055-3	TRC-5c	Solid	12/06/2011 1225	12/06/2011 1610
510-73055-4	TRAB-6b	Solid	12/06/2011 1445	12/06/2011 1610
510-73055-5	TRAB-7b	Solid	12/06/2011 1450	12/06/2011 1610
510-73055-6	TRAB-8b	Solid	12/06/2011 1455	12/06/2011 1610
510-73055-7	TRAB-10b	Solid	12/06/2011 1500	12/06/2011 1610
510-73055-8	TRAB-11b	Solid	12/06/2011 1505	12/06/2011 1610
510-73055-9	AREAD-3b	Solid	12/06/2011 1540	12/06/2011 1610
510-73055-10	Field Duplicate	Solid	12/06/2011 1545	12/06/2011 1610

EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
510-73055-1	TRC-1C					
PCB-1260		1000		41	mg/Kg	8082
Percent Moisture		6.5		0.10	%	Moisture
Percent Solids		93		0.10	%	Moisture
510-73055-2	TRC-4C					
PCB-1260		850		41	mg/Kg	8082
Percent Moisture		3.8		0.10	%	Moisture
Percent Solids		96		0.10	%	Moisture
510-73055-3	TRC-5C					
PCB-1260		2200		110	mg/Kg	8082
Percent Moisture		8.3		0.10	%	Moisture
Percent Solids		92		0.10	%	Moisture
510-73055-4	TRAB-6B					
PCB-1260		250		10	mg/Kg	8082
Percent Moisture		8.0		0.10	%	Moisture
Percent Solids		92		0.10	%	Moisture
510-73055-5	TRAB-7B					
PCB-1260		6.1		0.20	mg/Kg	8082
Percent Moisture		4.1		0.10	%	Moisture
Percent Solids		96		0.10	%	Moisture
510-73055-6	TRAB-8B					
PCB-1260		0.41		0.20	mg/Kg	8082
Percent Moisture		5.0		0.10	%	Moisture
Percent Solids		95		0.10	%	Moisture
510-73055-7	TRAB-10B					
PCB-1260		110		4.3	mg/Kg	8082
Percent Moisture		9.2		0.10	%	Moisture
Percent Solids		91		0.10	%	Moisture
510-73055-8	TRAB-11B					
PCB-1260		61		2.1	mg/Kg	8082
Percent Moisture		7.9		0.10	%	Moisture
Percent Solids		92		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
510-73055-9	AREAD-3B					
PCB-1260		0.36		0.23	mg/Kg	8082
Percent Moisture		13		0.10	%	Moisture
Percent Solids		87		0.10	%	Moisture
510-73055-10	FIELD DUPLICATE					
Percent Moisture		13		0.10	%	Moisture
Percent Solids		87		0.10	%	Moisture

METHOD SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

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: 510-73055-1

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

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Client Sample ID: TRC-1c

Lab Sample ID: 510-73055-1

Date Sampled: 12/06/2011 1215

Client Matrix: Solid

% Moisture: 6.5

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.70 g
Dilution: 2000		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1459	Run Type: DL	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<41		41
PCB-1221		<41		41
PCB-1232		<41		41
PCB-1242		<41		41
PCB-1248		<41		41
PCB-1254		<41		41
PCB-1260		1000		41

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: 510-73055-1

Client Sample ID: TRC-4c

Lab Sample ID: 510-73055-2

Date Sampled: 12/06/2011 1220

Client Matrix: Solid

% Moisture: 3.8

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.10 g
Dilution: 2000		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1604	Run Type: DL	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<41		41
PCB-1221		<41		41
PCB-1232		<41		41
PCB-1242		<41		41
PCB-1248		<41		41
PCB-1254		<41		41
PCB-1260		850		41

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: 510-73055-1

Client Sample ID: TRC-5c

Lab Sample ID: 510-73055-3

Date Sampled: 12/06/2011 1225

Client Matrix: Solid

% Moisture: 8.3

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.31 g
Dilution: 5000		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1821	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<110		110
PCB-1221		<110		110
PCB-1232		<110		110
PCB-1242		<110		110
PCB-1248		<110		110
PCB-1254		<110		110
PCB-1260		2200		110

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: 510-73055-1

Client Sample ID: **TRAB-6b**

Lab Sample ID: 510-73055-4

Date Sampled: 12/06/2011 1445

Client Matrix: Solid

% Moisture: 8.0

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.57 g
Dilution: 500		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1836	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<10		10
PCB-1221		<10		10
PCB-1232		<10		10
PCB-1242		<10		10
PCB-1248		<10		10
PCB-1254		<10		10
PCB-1260		250		10

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: 510-73055-1

Client Sample ID: TRAB-7b

Lab Sample ID: 510-73055-5

Date Sampled: 12/06/2011 1450

Client Matrix: Solid

% Moisture: 4.1

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.82 g
Dilution: 10		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1650	Run Type: DL	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		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		6.1		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: 510-73055-1

Client Sample ID: TRAB-8b

Lab Sample ID: 510-73055-6

Date Sampled: 12/06/2011 1455

Client Matrix: Solid

% Moisture: 5.0

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.44 g
Dilution: 10		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1705	Run Type: DL	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		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		0.41		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: 510-73055-1

Client Sample ID: TRAB-10b

Lab Sample ID: 510-73055-7

Date Sampled: 12/06/2011 1500

Client Matrix: Solid

% Moisture: 9.2

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.43 g
Dilution: 200		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1720	Run Type: DL	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<4.3		4.3
PCB-1221		<4.3		4.3
PCB-1232		<4.3		4.3
PCB-1242		<4.3		4.3
PCB-1248		<4.3		4.3
PCB-1254		<4.3		4.3
PCB-1260		110		4.3

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: 510-73055-1

Client Sample ID: **TRAB-11b**

Lab Sample ID: 510-73055-8

Date Sampled: 12/06/2011 1505

Client Matrix: Solid

% Moisture: 7.9

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.39 g
Dilution: 100		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1735	Run Type: DL	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<2.1		2.1
PCB-1221		<2.1		2.1
PCB-1232		<2.1		2.1
PCB-1242		<2.1		2.1
PCB-1248		<2.1		2.1
PCB-1254		<2.1		2.1
PCB-1260		61		2.1

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: 510-73055-1

Client Sample ID: AREAD-3b

Lab Sample ID: 510-73055-9

Date Sampled: 12/06/2011 1540

Client Matrix: Solid

% Moisture: 12.9

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.26 g
Dilution: 10		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1750	Run Type: DL	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.23		0.23
PCB-1221		<0.23		0.23
PCB-1232		<0.23		0.23
PCB-1242		<0.23		0.23
PCB-1248		<0.23		0.23
PCB-1254		<0.23		0.23
PCB-1260		0.36		0.23

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: 510-73055-1

Client Sample ID: Field Duplicate

Lab Sample ID: 510-73055-10

Date Sampled: 12/06/2011 1545

Client Matrix: Solid

% Moisture: 13.1

Date Received: 12/06/2011 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-90710	Instrument ID: SGCA
Prep Method: 3546	Prep Batch: 510-90702	Initial Weight/Volume: 15.86 g
Dilution: 10		Final Weight/Volume: 5 mL
Analysis Date: 12/07/2011 1806	Run Type: DL	Injection Volume: 1 uL
Prep Date: 12/07/2011 0804		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		<0.22		0.22

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

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: TRC-1c

Lab Sample ID: 510-73055-1

Date Sampled: 12/06/2011 1215

Client Matrix: Solid

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	6.5		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011 1728				DryWt Corrected: N
Percent Solids	93		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011 1728				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: TRC-4c

Lab Sample ID: 510-73055-2

Date Sampled: 12/06/2011 1220

Client Matrix: Solid

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.8		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: TRC-5c

Lab Sample ID: 510-73055-3

Date Sampled: 12/06/2011 1225

Client Matrix: Solid

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	8.3		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N
Percent Solids	92		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: TRAB-6b

Lab Sample ID: 510-73055-4

Date Sampled: 12/06/2011 1445

Client Matrix: Solid

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	8.0		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N
Percent Solids	92		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: TRAB-7b

Lab Sample ID: 510-73055-5

Date Sampled: 12/06/2011 1450

Client Matrix: Solid

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.1		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: TRAB-8b

Lab Sample ID: 510-73055-6

Date Sampled: 12/06/2011 1455

Client Matrix: Solid

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	5.0		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: TRAB-10b

Lab Sample ID: 510-73055-7

Date Sampled: 12/06/2011 1500

Client Matrix: Solid

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	9.2		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011 1728				DryWt Corrected: N
Percent Solids	91		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011 1728				DryWt Corrected: N

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: TRAB-11b

Lab Sample ID: 510-73055-8

Client Matrix: Solid

Date Sampled: 12/06/2011 1505

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	7.9		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N
Percent Solids	92		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: AREAD-3b

Lab Sample ID: 510-73055-9

Client Matrix: Solid

Date Sampled: 12/06/2011 1540

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	13		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N
Percent Solids	87		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N

Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

General Chemistry

Client Sample ID: Field Duplicate

Lab Sample ID: 510-73055-10

Client Matrix: Solid

Date Sampled: 12/06/2011 1545

Date Received: 12/06/2011 1610

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	13		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			DryWt Corrected: N
Percent Solids	87		%	0.10	1.0	Moisture
	Analysis Batch: 510-90755	Analysis Date: 12/07/2011	1728			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
510-73055-1 DL	TRC-1c DL	0D	0D
510-73055-2 DL	TRC-4c DL	0D	0D
510-73055-3 DL2	TRC-5c DL2	0D	0D
510-73055-4 DL2	TRAB-6b DL2	0D	0D
510-73055-5 DL	TRAB-7b DL	0D	0D
510-73055-6 DL	TRAB-8b DL	0D	0D
510-73055-7 DL	TRAB-10b DL	0D	0D
510-73055-8 DL	TRAB-11b DL	0D	0D
510-73055-9 DL	AREAD-3b DL	0D	0D
510-73055-10 DL	Field Duplicate DL	0D	0D
MB 510-90702/1-A		63	95
LCS 510-90702/2-A		69	90
510-73055-1 MS DL	TRC-1c MS DL	0D	0D
510-73055-1 MSD DL	TRC-1c MSD DL	0D	0D

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

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Method Blank - Batch: 510-90702

Method: 8082
Preparation: 3546

Lab Sample ID: MB 510-90702/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 12/07/2011 1344
Prep Date: 12/07/2011 0804
Leach Date: N/A

Analysis Batch: 510-90710
Prep Batch: 510-90702
Leach Batch: N/A
Units: mg/Kg

Instrument ID: SGCA
Lab File ID: B5866.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	95	14 - 147
Dibutylchloroendate	63	10 - 132

Lab Control Sample - Batch: 510-90702

Method: 8082
Preparation: 3546

Lab Sample ID: LCS 510-90702/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 12/07/2011 1359
Prep Date: 12/07/2011 0804
Leach Date: N/A

Analysis Batch: 510-90710
Prep Batch: 510-90702
Leach Batch: N/A
Units: mg/Kg

Instrument ID: SGCA
Lab File ID: B5867.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	0.320	96	71 - 118	
PCB-1260	0.334	0.341	102	72 - 125	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	14 - 147
Dibutylchloroendate	69	10 - 132

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-90702**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 510-73055-1DL
Client Matrix: Solid
Dilution: 2000
Analysis Date: 12/07/2011 1515
Prep Date: 12/07/2011 0804
Leach Date: N/A

Analysis Batch: 510-90710
Prep Batch: 510-90702
Leach Batch: N/A
Run Type: DL

Instrument ID: SGCA
Lab File ID: B5871.D
Initial Weight/Volume: 15.56 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

MSD Lab Sample ID: 510-73055-1DL
Client Matrix: Solid
Dilution: 2000
Analysis Date: 12/07/2011 1530
Prep Date: 12/07/2011 0804
Leach Date: N/A

Analysis Batch: 510-90710
Prep Batch: 510-90702
Leach Batch: N/A
Run Type: DL

Instrument ID: SGCA
Lab File ID: B5872.D
Initial Weight/Volume: 15.98 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	NC	NC	71 - 118	NC	30		
PCB-1260	366584	-66042	72 - 125	96	30	4	4 F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	0	D	0	D	14 - 147		
Dibutylchlorodate	0	D	0	D	10 - 132		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-90702**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 510-73055-1DL
Client Matrix: Solid
Dilution: 2000
Analysis Date: 12/07/2011 1515
Prep Date: 12/07/2011 0804
Leach Date: N/A
Run Type: DL

Units: mg/Kg

MSD Lab Sample ID: 510-73055-1DL
Client Matrix: Solid
Dilution: 2000
Analysis Date: 12/07/2011 1530
Prep Date: 12/07/2011 0804
Leach Date: N/A
Run Type: DL

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	<41	0.344	0.335	<41	<40
PCB-1260	1000	0.344	0.335	2290 4	810 4 F

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Method Blank - Batch: 510-90755

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

Lab Sample ID: MB 510-90755/1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 12/07/2011 1728
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 510-90755
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	0.018		0.10

DATA REPORTING QUALIFIERS

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Lab Section	Qualifier	Description
GC Semi VOA		
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	RPD of the MS and MSD exceeds the control limits
	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: 510-73055-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 510-90702					
LCS 510-90702/2-A	Lab Control Sample	T	Solid	3546	
MB 510-90702/1-A	Method Blank	T	Solid	3546	
510-73055-1DL	TRC-1c	T	Solid	3546	
510-73055-1MSDL	Matrix Spike	T	Solid	3546	
510-73055-1MSDDL	Matrix Spike Duplicate	T	Solid	3546	
510-73055-2DL	TRC-4c	T	Solid	3546	
510-73055-3DL2	TRC-5c	T	Solid	3546	
510-73055-4DL2	TRAB-6b	T	Solid	3546	
510-73055-5DL	TRAB-7b	T	Solid	3546	
510-73055-6DL	TRAB-8b	T	Solid	3546	
510-73055-7DL	TRAB-10b	T	Solid	3546	
510-73055-8DL	TRAB-11b	T	Solid	3546	
510-73055-9DL	AREAD-3b	T	Solid	3546	
510-73055-10DL	Field Duplicate	T	Solid	3546	
Analysis Batch:510-90710					
LCS 510-90702/2-A	Lab Control Sample	T	Solid	8082	510-90702
MB 510-90702/1-A	Method Blank	T	Solid	8082	510-90702
510-73055-1DL	TRC-1c	T	Solid	8082	510-90702
510-73055-1MSDL	Matrix Spike	T	Solid	8082	510-90702
510-73055-1MSDDL	Matrix Spike Duplicate	T	Solid	8082	510-90702
510-73055-2DL	TRC-4c	T	Solid	8082	510-90702
510-73055-3DL2	TRC-5c	T	Solid	8082	510-90702
510-73055-4DL2	TRAB-6b	T	Solid	8082	510-90702
510-73055-5DL	TRAB-7b	T	Solid	8082	510-90702
510-73055-6DL	TRAB-8b	T	Solid	8082	510-90702
510-73055-7DL	TRAB-10b	T	Solid	8082	510-90702
510-73055-8DL	TRAB-11b	T	Solid	8082	510-90702
510-73055-9DL	AREAD-3b	T	Solid	8082	510-90702
510-73055-10DL	Field Duplicate	T	Solid	8082	510-90702

Report Basis

T = Total

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:510-90755					
MB 510-90755/1	Method Blank	T	Solid	Moisture	
510-73055-1	TRC-1c	T	Solid	Moisture	
510-73055-2	TRC-4c	T	Solid	Moisture	
510-73055-3	TRC-5c	T	Solid	Moisture	
510-73055-4	TRAB-6b	T	Solid	Moisture	
510-73055-5	TRAB-7b	T	Solid	Moisture	
510-73055-6	TRAB-8b	T	Solid	Moisture	
510-73055-7	TRAB-10b	T	Solid	Moisture	
510-73055-8	TRAB-11b	T	Solid	Moisture	
510-73055-9	AREAD-3b	T	Solid	Moisture	
510-73055-10	Field Duplicate	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Laboratory Chronicle

Lab ID: 510-73055-1

Client ID: TRC-1c

Sample Date/Time: 12/06/2011 12:15 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-1-A	DL	510-90710	510-90702	12/07/2011 08:04	2000	TAL VAL	SNP
A:8082	510-73055-B-1-A	DL	510-90710	510-90702	12/07/2011 14:59	2000	TAL VAL	CLI
A:Moisture	510-73055-B-1		510-90755		12/07/2011 17:28	1	TAL VAL	KT

Lab ID: 510-73055-1 MS

Client ID: TRC-1c

Sample Date/Time: 12/06/2011 12:15 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-1-B MS	DL	510-90710	510-90702	12/07/2011 08:04	2000	TAL VAL	SNP
A:8082	510-73055-B-1-B MS	DL	510-90710	510-90702	12/07/2011 15:15	2000	TAL VAL	CLI

Lab ID: 510-73055-1 MSD

Client ID: TRC-1c

Sample Date/Time: 12/06/2011 12:15 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-1-C MSD	DL	510-90710	510-90702	12/07/2011 08:04	2000	TAL VAL	SNP
A:8082	510-73055-B-1-C MSD	DL	510-90710	510-90702	12/07/2011 15:30	2000	TAL VAL	CLI

Lab ID: 510-73055-2

Client ID: TRC-4c

Sample Date/Time: 12/06/2011 12:20 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-2-A	DL	510-90710	510-90702	12/07/2011 08:04	2000	TAL VAL	SNP
A:8082	510-73055-B-2-A	DL	510-90710	510-90702	12/07/2011 16:04	2000	TAL VAL	CLI
A:Moisture	510-73055-A-2		510-90755		12/07/2011 17:28	1	TAL VAL	KT

Lab ID: 510-73055-3

Client ID: TRC-5c

Sample Date/Time: 12/06/2011 12:25 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-3-A	DL2	510-90710	510-90702	12/07/2011 08:04	5000	TAL VAL	SNP
A:8082	510-73055-B-3-A	DL2	510-90710	510-90702	12/07/2011 18:21	5000	TAL VAL	CLI
A:Moisture	510-73055-A-3		510-90755		12/07/2011 17:28	1	TAL VAL	KT

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Laboratory Chronicle

Lab ID: 510-73055-4

Client ID: TRAB-6b

Sample Date/Time: 12/06/2011 14:45 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-4-A	DL2	510-90710	510-90702	12/07/2011 08:04	500	TAL VAL	SNP
A:8082	510-73055-B-4-A	DL2	510-90710	510-90702	12/07/2011 18:36	500	TAL VAL	CLI
A:Moisture	510-73055-B-4		510-90755		12/07/2011 17:28	1	TAL VAL	KT

Lab ID: 510-73055-5

Client ID: TRAB-7b

Sample Date/Time: 12/06/2011 14:50 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-5-A	DL	510-90710	510-90702	12/07/2011 08:04	10	TAL VAL	SNP
A:8082	510-73055-B-5-A	DL	510-90710	510-90702	12/07/2011 16:50	10	TAL VAL	CLI
A:Moisture	510-73055-A-5		510-90755		12/07/2011 17:28	1	TAL VAL	KT

Lab ID: 510-73055-6

Client ID: TRAB-8b

Sample Date/Time: 12/06/2011 14:55 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-6-A	DL	510-90710	510-90702	12/07/2011 08:04	10	TAL VAL	SNP
A:8082	510-73055-B-6-A	DL	510-90710	510-90702	12/07/2011 17:05	10	TAL VAL	CLI
A:Moisture	510-73055-A-6		510-90755		12/07/2011 17:28	1	TAL VAL	KT

Lab ID: 510-73055-7

Client ID: TRAB-10b

Sample Date/Time: 12/06/2011 15:00 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-7-A	DL	510-90710	510-90702	12/07/2011 08:04	200	TAL VAL	SNP
A:8082	510-73055-B-7-A	DL	510-90710	510-90702	12/07/2011 17:20	200	TAL VAL	CLI
A:Moisture	510-73055-A-7		510-90755		12/07/2011 17:28	1	TAL VAL	KT

Lab ID: 510-73055-8

Client ID: TRAB-11b

Sample Date/Time: 12/06/2011 15:05 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	510-73055-B-8-A	DL	510-90710	510-90702	12/07/2011 08:04	100	TAL VAL	SNP
A:8082	510-73055-B-8-A	DL	510-90710	510-90702	12/07/2011 17:35	100	TAL VAL	CLI
A:Moisture	510-73055-B-8		510-90755		12/07/2011 17:28	1	TAL VAL	KT

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Laboratory Chronicle

Lab ID: 510-73055-9

Client ID: AREAD-3b

Sample Date/Time: 12/06/2011 15:40 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	510-73055-A-9-A	DL	510-90710	510-90702	12/07/2011	08:04	10	TAL VAL	SNP
A:8082	510-73055-A-9-A	DL	510-90710	510-90702	12/07/2011	17:50	10	TAL VAL	CLI
A:Moisture	510-73055-A-9		510-90755		12/07/2011	17:28	1	TAL VAL	KT

Lab ID: 510-73055-10

Client ID: Field Duplicate

Sample Date/Time: 12/06/2011 15:45 Received Date/Time: 12/06/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	510-73055-A-10-A	DL	510-90710	510-90702	12/07/2011	08:04	10	TAL VAL	SNP
A:8082	510-73055-A-10-A	DL	510-90710	510-90702	12/07/2011	18:06	10	TAL VAL	CLI
A:Moisture	510-73055-B-10		510-90755		12/07/2011	17:28	1	TAL VAL	KT

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	MB 510-90702/1-A		510-90710	510-90702	12/07/2011	08:04	1	TAL VAL	SNP
A:8082	MB 510-90702/1-A		510-90710	510-90702	12/07/2011	13:44	1	TAL VAL	CLI
A:Moisture	MB 510-90755/1		510-90755		12/07/2011	17:28	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		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:3546	LCS 510-90702/2-A		510-90710	510-90702	12/07/2011	08:04	1	TAL VAL	SNP
A:8082	LCS 510-90702/2-A		510-90710	510-90702	12/07/2011	13:59	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.: 510-73055-1

SDG No.: _____

Matrix: Solid Level: Low

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

Client Sample ID	Lab Sample ID	DBC1 #	DCB1 #
TRC-1c DL	510-73055-1 DL	0 D	0 D
TRC-4c DL	510-73055-2 DL	0 D	0 D
TRC-5c DL2	510-73055-3 DL2	0 D	0 D
TRAB-6b DL2	510-73055-4 DL2	0 D	0 D
TRAB-7b DL	510-73055-5 DL	0 D	0 D
TRAB-8b DL	510-73055-6 DL	0 D	0 D
TRAB-10b DL	510-73055-7 DL	0 D	0 D
TRAB-11b DL	510-73055-8 DL	0 D	0 D
AREAD-3b DL	510-73055-9 DL	0 D	0 D
Field Duplicate DL	510-73055-10 DL	0 D	0 D
	MB 510-90702/1-A	63	95
	LCS 510-90702/2-A	69	90
TRC-1c MS DL	510-73055-1 MS DL	0 D	0 D
TRC-1c MSD DL	510-73055-1 MSD DL	0 D	0 D

DBC = Dibutylchloroendate
DCB = DCB Decachlorobiphenyl

QC LIMITS
10-132
14-147

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: B5867.D

Lab ID: LCS 510-90702/2-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.334	0.320	96	71-118	
PCB-1260	0.334	0.341	102	72-125	

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: B5871.D
 Lab ID: 510-73055-1 MS DL Client ID: TRC-1c MS DL

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	0.344	<41	<41	NC	71-118	
PCB-1260	0.344	1000	2290	36658 4	72-125	4

Column to be used to flag recovery and RPD values
 FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: B5872.D

Lab ID: 510-73055-1 MSD DL Client ID: TRC-1c MSD DL

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	0.335	<40	NC	NC	30	71-118	
PCB-1260	0.335	810	-6604 2	96	30	72-125	4 F

Column to be used to flag recovery and RPD values

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: MB 510-90702/1-A
 Matrix: Solid Date Extracted: 12/07/2011 08:04
 Lab File ID: (1) B5866.D Lab File ID: (2) _____
 Date Analyzed: (1) 12/07/2011 13:44 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 510-90702/2-A	12/07/2011 13:59	
TRC-1c DL	510-73055-1 DL	12/07/2011 14:59	
TRC-1c MS DL	510-73055-1 MS DL	12/07/2011 15:15	
TRC-1c MSD DL	510-73055-1 MSD DL	12/07/2011 15:30	
TRC-4c DL	510-73055-2 DL	12/07/2011 16:04	
TRAB-7b DL	510-73055-5 DL	12/07/2011 16:50	
TRAB-8b DL	510-73055-6 DL	12/07/2011 17:05	
TRAB-10b DL	510-73055-7 DL	12/07/2011 17:20	
TRAB-11b DL	510-73055-8 DL	12/07/2011 17:35	
AREAD-3b DL	510-73055-9 DL	12/07/2011 17:50	
Field Duplicate DL	510-73055-10 DL	12/07/2011 18:06	
TRC-5c DL2	510-73055-3 DL2	12/07/2011 18:21	
TRAB-6b DL2	510-73055-4 DL2	12/07/2011 18:36	

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRC-1c MS DL Lab Sample ID: 510-73055-1 MS DL
 Instrument ID (1): SGCA Instrument ID (2): _____
 Date Analyzed (1): 12/07/2011 15:15 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-1260	1	1	6.77	6.67	6.87	2270	2290	
		2	7.26	7.16	7.36	2490		
		3	7.50	7.40	7.60	2250		
		4	7.81	7.71	7.91	2570		
		5	8.57	8.46	8.66	1870		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRC-1c MSD DL Lab Sample ID: 510-73055-1 MSD DL
 Instrument ID (1): SGCA Instrument ID (2): _____
 Date Analyzed (1): 12/07/2011 15:30 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-1260	1	1	6.77	6.67	6.87	782	810	
		2	7.26	7.16	7.36	857		
		3	7.50	7.40	7.60	812		
		4	7.81	7.71	7.91	920		
		5	8.56	8.46	8.66	677		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 510-90702/2-A
 Instrument ID (1): SGCA Instrument ID (2): _____
 Date Analyzed (1): 12/07/2011 13:59 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	0.306	0.320	
		2	3.58	3.48	3.68	0.319		
		3	4.36	4.27	4.47	0.325		
		4	4.94	4.84	5.04	0.319		
		5	5.49	5.39	5.59	0.329		
PCB-1260	1	1	6.77	6.67	6.87	0.330	0.341	
		2	7.26	7.16	7.36	0.343		
		3	7.49	7.40	7.60	0.349		
		4	7.80	7.71	7.91	0.369		
		5	8.56	8.46	8.66	0.312		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRC-1c DL Lab Sample ID: 510-73055-1 DL
 Matrix: Solid Lab File ID: B5870.D
 Analysis Method: 8082 Date Collected: 12/06/2011 12:15
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.70(g) Date Analyzed: 12/07/2011 14:59
 Con. Extract Vol.: 5(mL) Dilution Factor: 2000
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<41		41	4.6
11104-28-2	PCB-1221	<41		41	14
11141-16-5	PCB-1232	<41		41	2.8
53469-21-9	PCB-1242	<41		41	7.8
12672-29-6	PCB-1248	<41		41	7.1
11097-69-1	PCB-1254	<41		41	6.6
11096-82-5	PCB-1260	1000		41	3.3

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\20111207-6033.b\B5870.D
 Lims ID: 510-73055-B-1-A Client ID: TRC-1c
 Inject. Date: 07-Dec-2011 14:59:45 Dil. Factor: 2000.0000
 Sample Type: Client
 Sample ID: 510-73055-b-1-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 8
 Lims Batch ID: 90710 Lims Sample ID: 9
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:48:25 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: 07-Dec-2011 15:21:16

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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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\20111207-6033.b\B5870.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.159						
1	2		3.584						
1	3		4.367						
1	4		4.937						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		5.587						
2	10		5.879						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
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	6.785	6.770	0.015	130205963	1446.1		100.0		
1	2	7.276	7.259	0.017	217943851	1606.4	119.7- 179.7	167.4		
1	3	7.514	7.495	0.019	82495959	1518.7	29.6- 89.6	63.4		
1	4	7.823	7.805	0.018	243631007	1728.0	126.4- 186.4	187.1		
1	5	8.578	8.563	0.015	106320054	1263.9	64.1- 124.1	81.7		
		Average of Peak Amounts =				1512.6				
2	6	7.847	7.836	0.011	39251484	1239.4		100.0		
2	7	8.216	8.205	0.011	83455657	1339.7	163.4- 223.4	212.6		
2	8	8.643	8.635	0.008	108905989	1439.0	201.9- 261.9	277.5		
2	9	9.361	9.354	0.007	61518884	1081.4	146.4- 206.4	156.7		
2	10	9.751	9.744	0.007	62417143	1018.8	153.8- 213.8	159.0		
		Average of Peak Amounts =				1223.7				
						RPD = 21.12				

\$ 3 Dibutylchloroendate

1	1	9.568
2	2	10.259

\$ 2 DCB Decachlorobiphenyl

1	1	10.769
2	2	11.579

Report Date: 07-Dec-2011 15:21:32

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5870.D

Injection Date: 07-Dec-2011 14:59:45

Limit Group: SGC - 1 - 8082 CAL

Client ID: TRC-1c

Instrument ID: SGCA

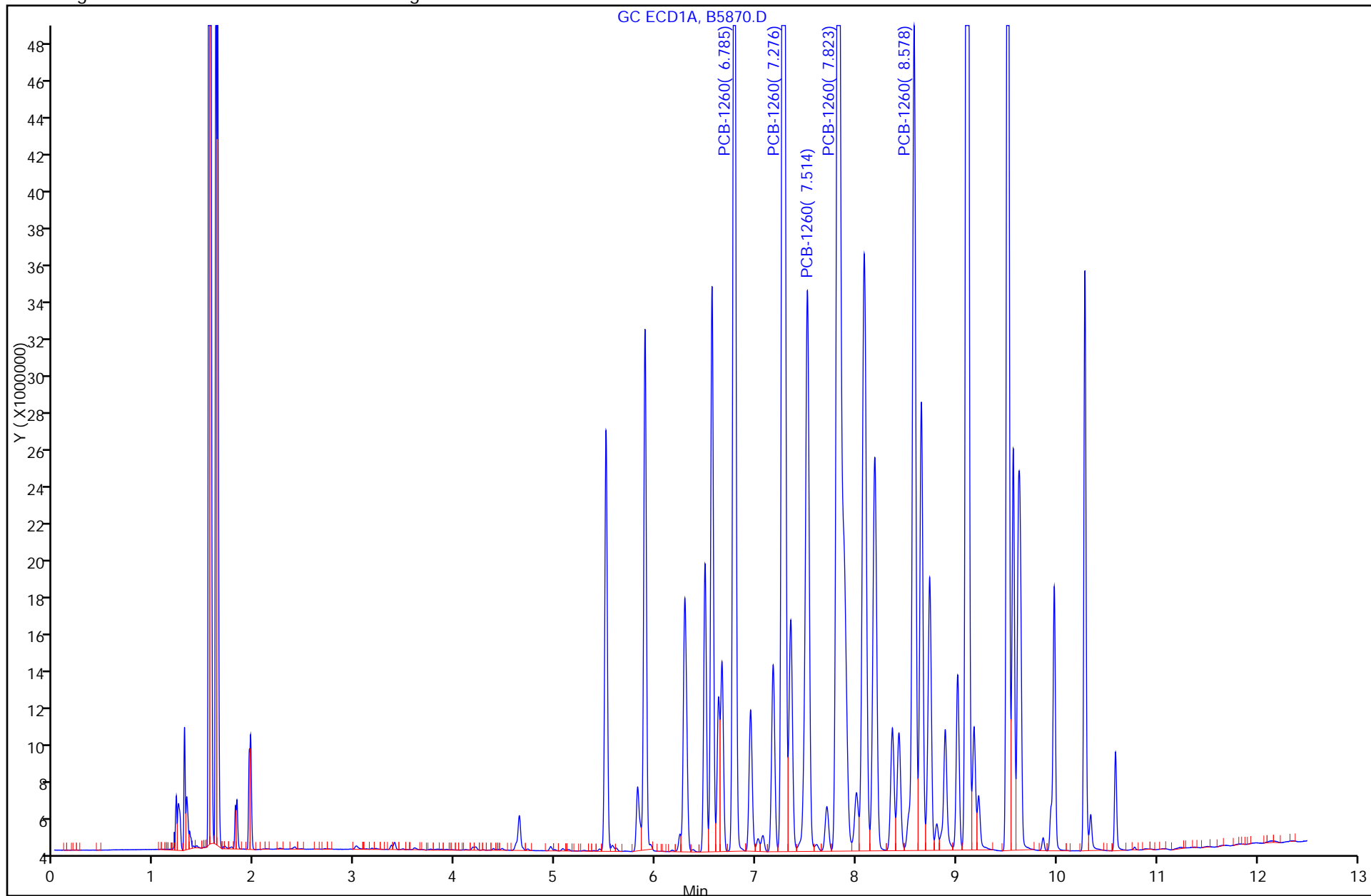
Lims Batch ID: 90710

Lims Sample ID: 9

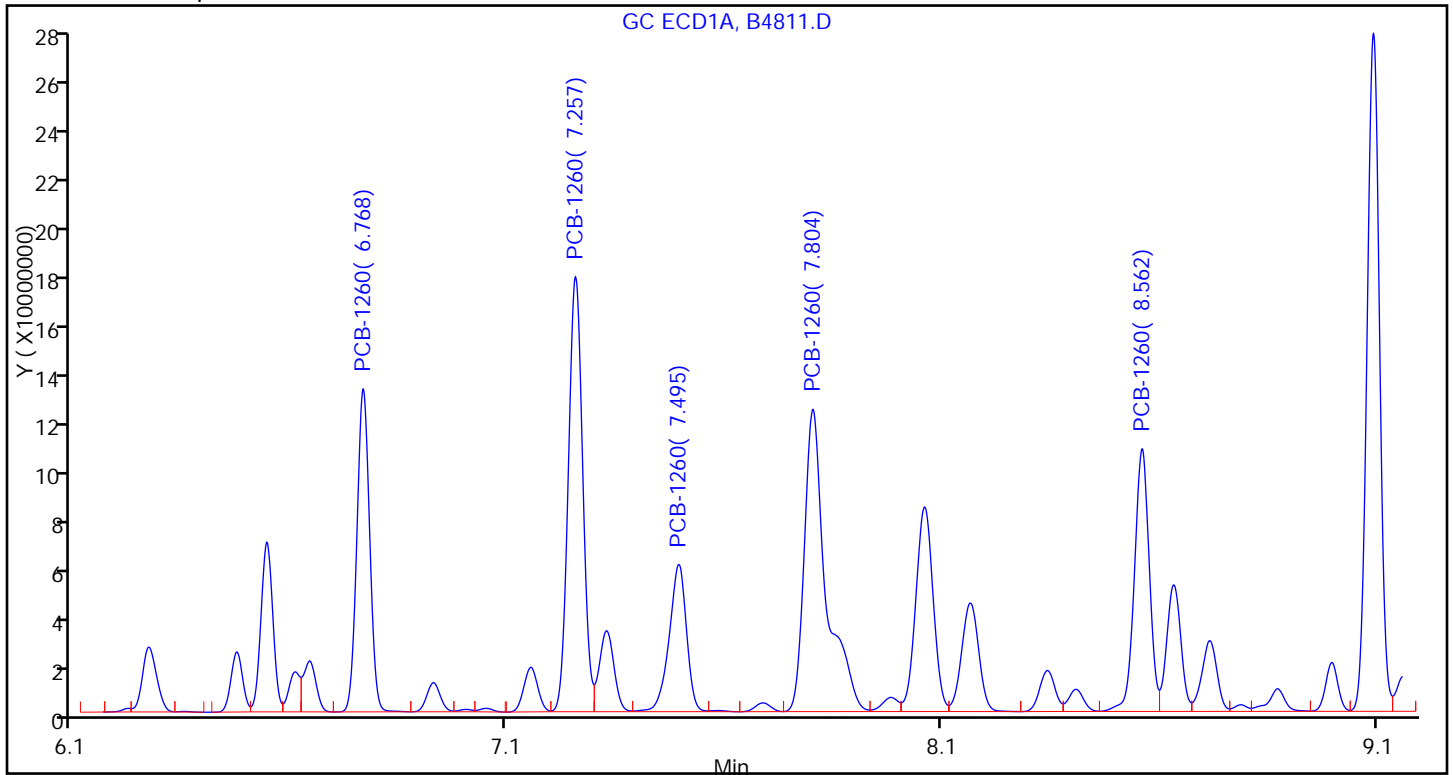
Operator ID:

Injection Vol: 1.00 ul

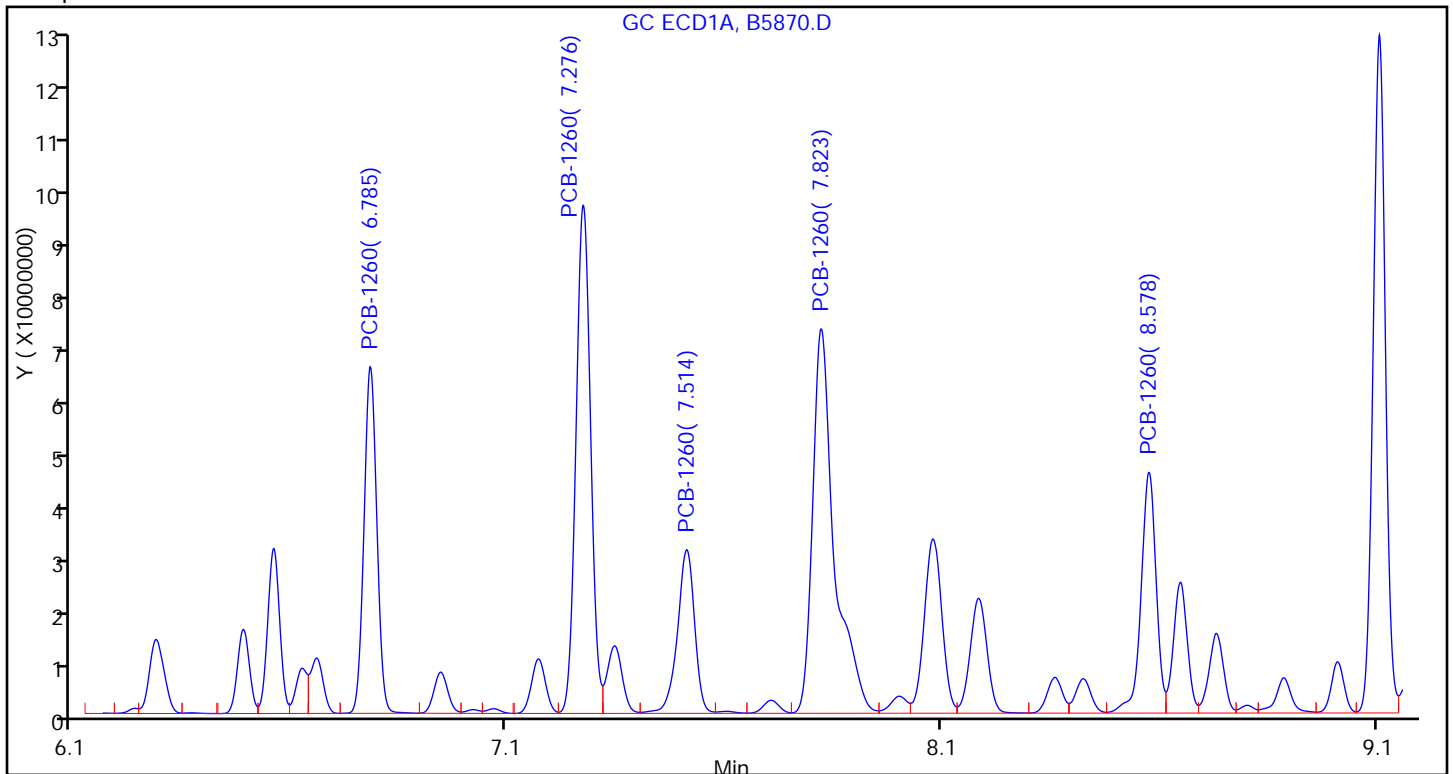
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRC-4c DL Lab Sample ID: 510-73055-2 DL
 Matrix: Solid Lab File ID: B5874.D
 Analysis Method: 8082 Date Collected: 12/06/2011 12:20
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.10(g) Date Analyzed: 12/07/2011 16:04
 Con. Extract Vol.: 5(mL) Dilution Factor: 2000
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 3.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<41		41	4.7
11104-28-2	PCB-1221	<41		41	14
11141-16-5	PCB-1232	<41		41	2.9
53469-21-9	PCB-1242	<41		41	7.9
12672-29-6	PCB-1248	<41		41	7.1
11097-69-1	PCB-1254	<41		41	6.7
11096-82-5	PCB-1260	850		41	3.4

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\20111207-6033.b\B5874.D
 Lims ID: 510-73055-B-2-A Client ID: TRC-4c
 Inject. Date: 07-Dec-2011 16:04:43 Dil. Factor: 2000.0000
 Sample Type: Client
 Sample ID: 510-73055-b-2-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 11
 Lims Batch ID: 90710 Lims Sample ID: 13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 16:37:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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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
4 PCB-1016									
1	1		3.157						
1	2		3.583						
1	3		4.367						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.587						
2	10		5.879						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
2	10		9.223						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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11 PCB-1260

1	1	6.781	6.769	0.012	107657433	1188.9		100.0	
1	2	7.270	7.259	0.011	178596787	1310.2	119.7- 179.7	165.9	
1	3	7.507	7.496	0.011	67483229	1244.9	29.6- 89.6	62.7	
1	4	7.818	7.804	0.014	198260160	1406.4	126.4- 186.4	184.2	
1	5	8.573	8.562	0.011	87771334	1042.4	64.1- 124.1	81.5	
Average of Peak Amounts =						1238.5			
2	6	7.844	7.836	0.008	33095088	1041.7		100.0	
2	7	8.212	8.205	0.007	70541204	1122.6	163.4- 223.4	213.1	
2	8	8.641	8.634	0.007	92457374	1205.4	201.9- 261.9	279.4	
2	9	9.359	9.354	0.005	52719501	922.6	146.4- 206.4	159.3	
2	10	9.748	9.744	0.004	53782617	870.7	153.8- 213.8	162.5	
Average of Peak Amounts =						1032.6			

RPD = 18.14

\$ 3 Dibutylchloroendate

1	1	9.569							
2	2	10.259							

\$ 2 DCB Decachlorobiphenyl

1	1	10.771							
2	2	11.579							

Report Date: 07-Dec-2011 16:37:59

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5874.D

Injection Date: 07-Dec-2011 16:04:43

Limit Group: SGC - 1 - 8082 CAL

Client ID: TRC-4c

Instrument ID: SGCA

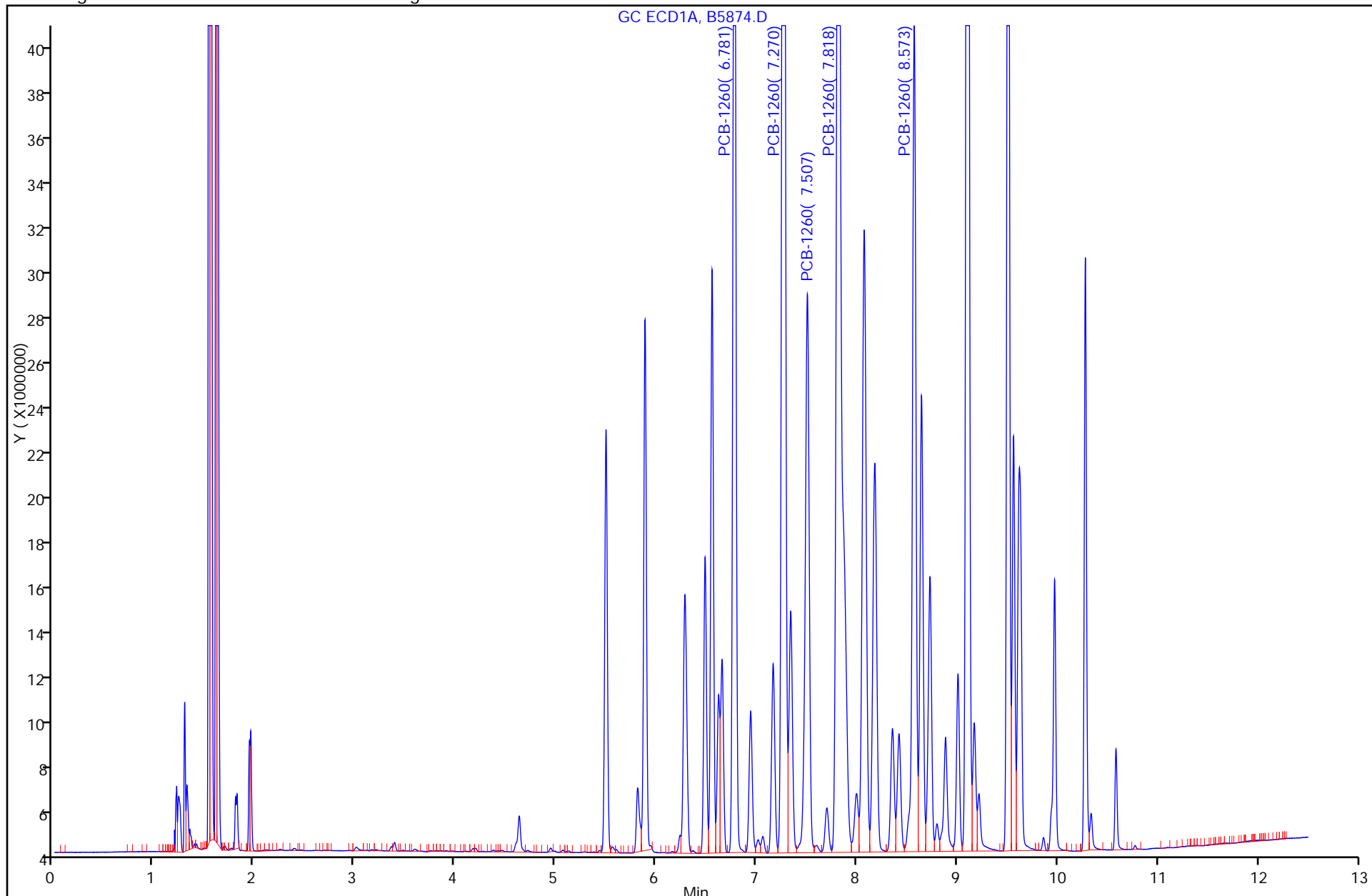
Lims Batch ID: 90710

Lims Sample ID: 13

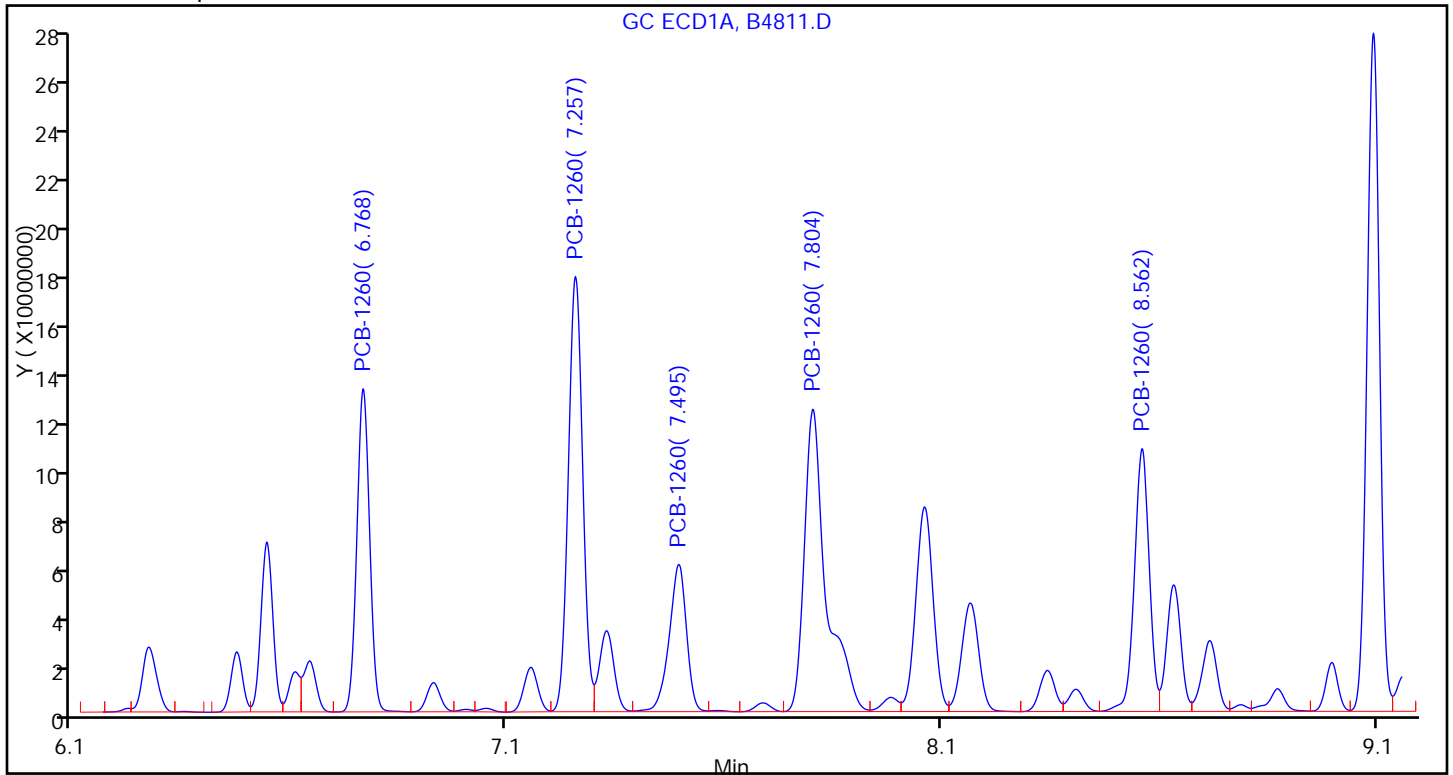
Operator ID:

Injection Vol: 1.00 ul

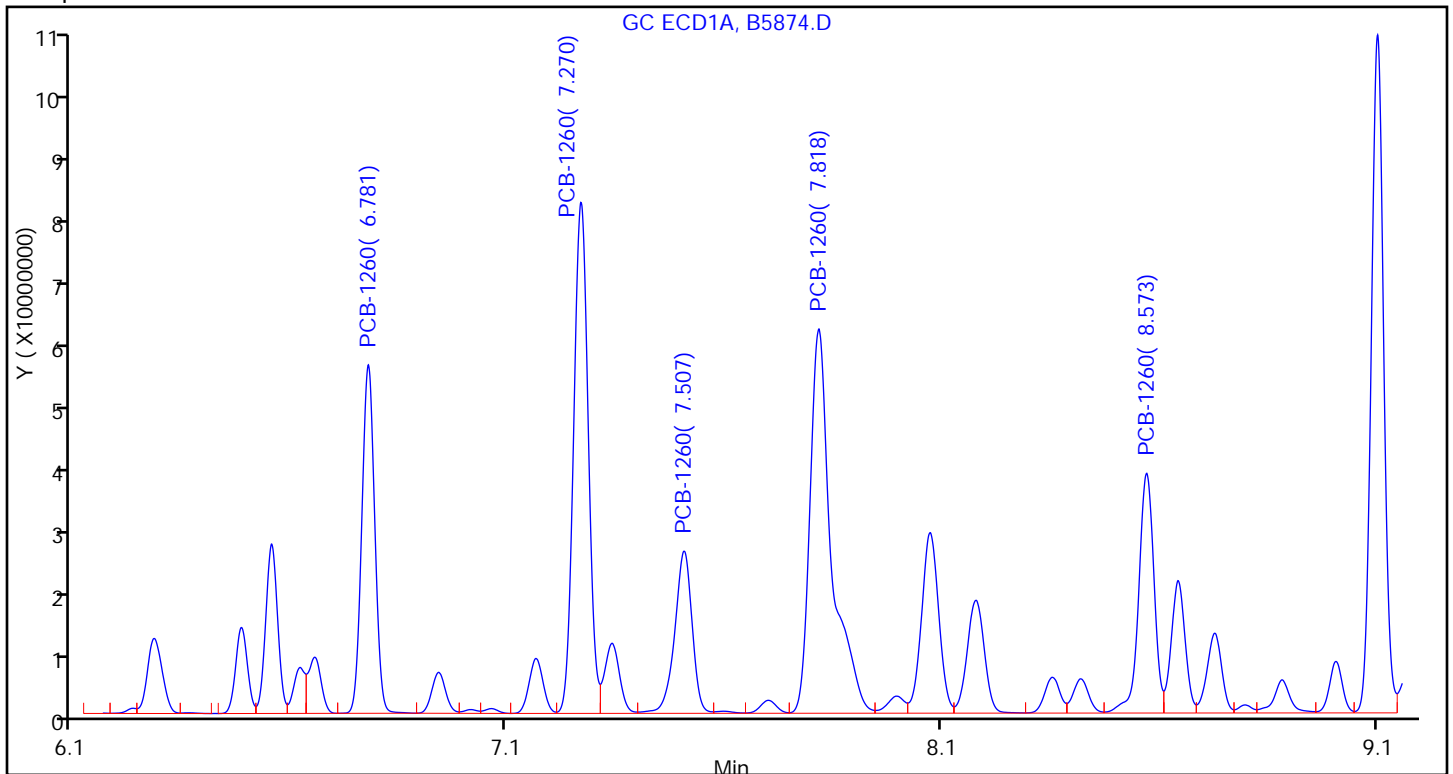
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRC-5c DL2 Lab Sample ID: 510-73055-3 DL2
 Matrix: Solid Lab File ID: B5883.D
 Analysis Method: 8082 Date Collected: 12/06/2011 12:25
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.31(g) Date Analyzed: 12/07/2011 18:21
 Con. Extract Vol.: 5(mL) Dilution Factor: 5000
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 8.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<110		110	12
11104-28-2	PCB-1221	<110		110	35
11141-16-5	PCB-1232	<110		110	7.4
53469-21-9	PCB-1242	<110		110	20
12672-29-6	PCB-1248	<110		110	18
11097-69-1	PCB-1254	<110		110	17
11096-82-5	PCB-1260	2200		110	8.7

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\20111207-6033.b\B5883.D
 Lims ID: 510-73055-B-3-A Client ID: TRC-5c
 Inject. Date: 07-Dec-2011 18:21:23 Dil. Factor: 5000.0000
 Sample Type: Client
 Sample ID: 510-73055-b-3-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 20
 Lims Batch ID: 90710 Lims Sample ID: 22
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 18:38:45

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\20111207-6033.b\B5883.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.157						
1	2		3.583						
1	3		4.367						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.587						
2	10		5.879						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
2	10		9.223						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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11 PCB-1260

1	1	6.769	6.769	0.000	106577883	1176.6		100.0	
1	2	7.257	7.259	-0.002	177282375	1300.3	119.7- 179.7	166.3	
1	3	7.495	7.496	-0.001	66685098	1230.3	29.6- 89.6	62.6	
1	4	7.805	7.804	0.001	197210636	1399.0	126.4- 186.4	185.0	
1	5	8.563	8.562	0.001	87294528	1036.7	64.1- 124.1	81.9	
Average of Peak Amounts =						1228.6			
2	6	7.836	7.836	0.000	32716412	1029.6		100.0	
2	7	8.205	8.205	0.000	70359203	1119.5	163.4- 223.4	215.1	
2	8	8.635	8.634	0.001	92947728	1212.3	201.9- 261.9	284.1	
2	9	9.355	9.354	0.001	53441773	935.6	146.4- 206.4	163.3	
2	10	9.745	9.744	0.001	61901475	1009.9	153.8- 213.8	189.2	
Average of Peak Amounts =						1061.4			

RPD = 14.60

\$ 3 Dibutylchloroendate

1	1	9.569
2	2	10.259

\$ 2 DCB Decachlorobiphenyl

1	1	10.771
2	2	11.579

Report Date: 07-Dec-2011 18:38:45

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5883.D

Injection Date: 07-Dec-2011 18:21:23

Limit Group: SGC - 1 - 8082 CAL

Client ID: TRC-5c

Instrument ID: SGCA

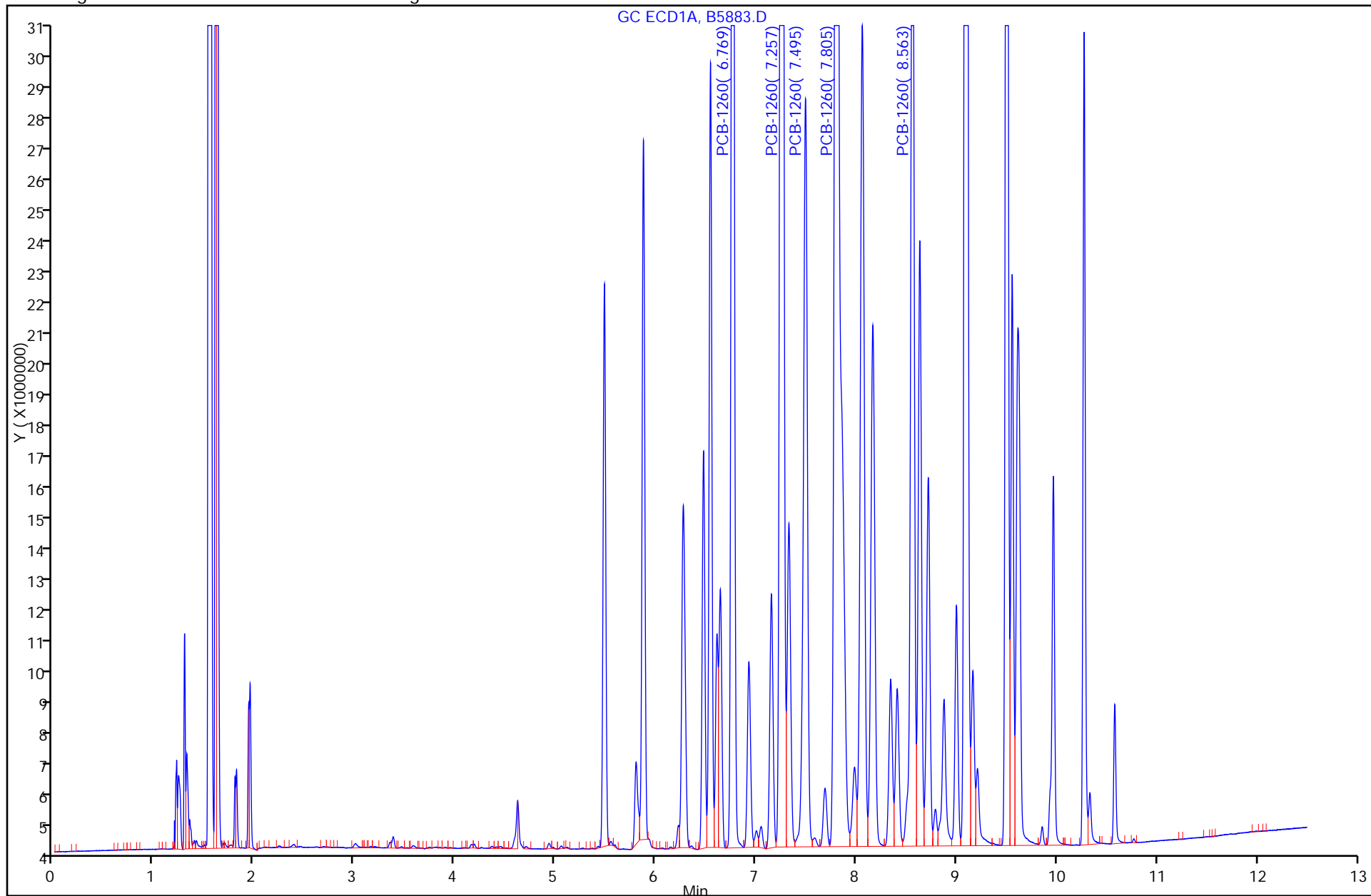
Lims Batch ID: 90710

Lims Sample ID: 22

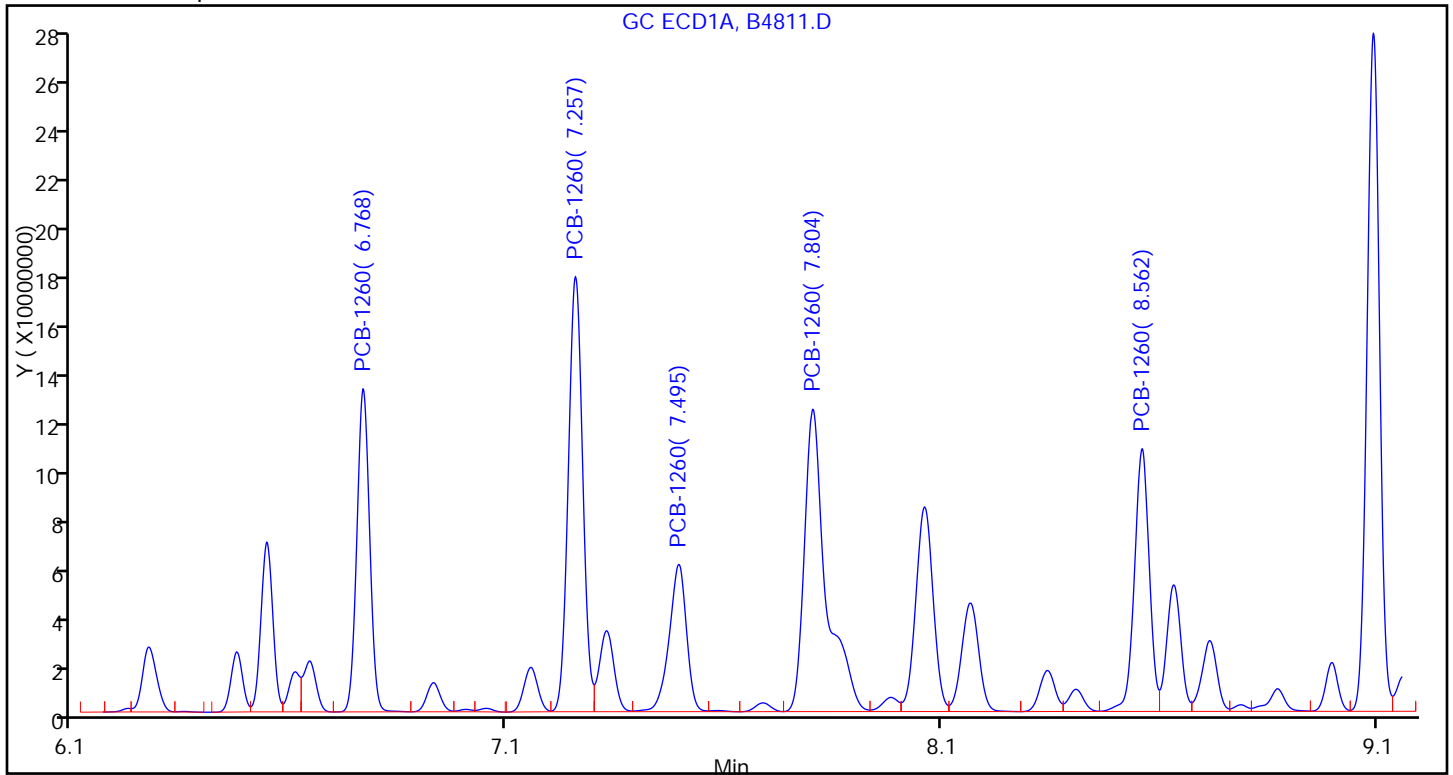
Operator ID:

Injection Vol: 1.00 ul

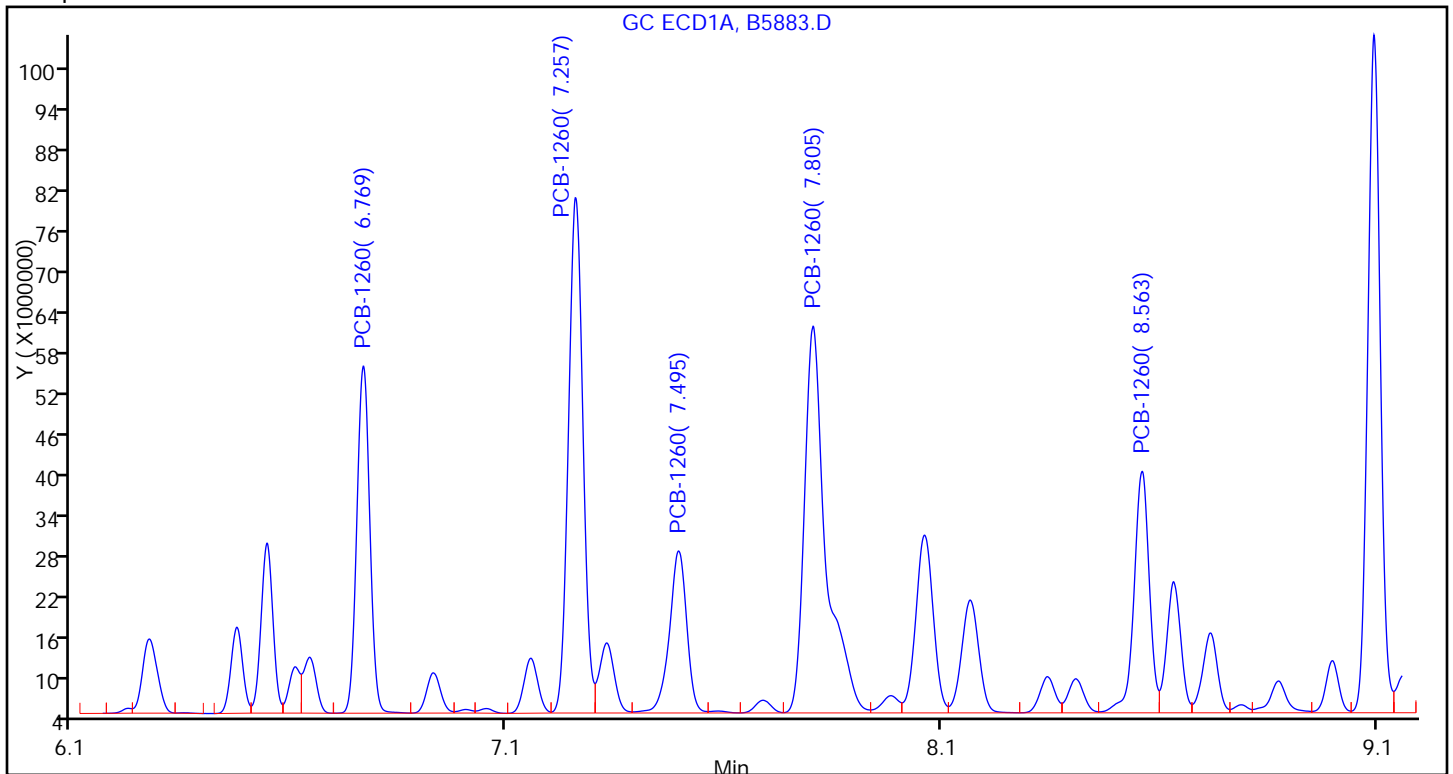
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRAB-6b DL2 Lab Sample ID: 510-73055-4 DL2
 Matrix: Solid Lab File ID: B5884.D
 Analysis Method: 8082 Date Collected: 12/06/2011 14:45
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.57(g) Date Analyzed: 12/07/2011 18:36
 Con. Extract Vol.: 5(mL) Dilution Factor: 500
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 8.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<10		10	1.2
11104-28-2	PCB-1221	<10		10	3.5
11141-16-5	PCB-1232	<10		10	0.72
53469-21-9	PCB-1242	<10		10	2.0
12672-29-6	PCB-1248	<10		10	1.8
11097-69-1	PCB-1254	<10		10	1.7
11096-82-5	PCB-1260	250		10	0.85

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\20111207-6033.b\B5884.D
 Lims ID: 510-73055-B-4-A Client ID: TRAB-6b
 Inject. Date: 07-Dec-2011 18:36:30 Dil. Factor: 500.0000
 Sample Type: Client
 Sample ID: 510-73055-b-4-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 26
 Lims Batch ID: 90710 Lims Sample ID: 23
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 19:05:28 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: 08-Dec-2011 13:01:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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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\20111207-6033.b\B5884.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.158						
1	2		3.583						
1	3		4.366						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.585						
2	10		5.878						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
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	6.770	6.768	0.002	124530672	1381.1		100.0		
1	2	7.259	7.257	0.002	201754151	1484.2	119.7- 179.7	162.0		
1	3	7.495	7.494	0.001	77420589	1426.3	29.6- 89.6	62.2		
1	4	7.805	7.803	0.002	218745320	1551.7	126.4- 186.4	175.7		
1	5	8.563	8.560	0.003	102128232	1213.9	64.1- 124.1	82.0		
		Average of Peak Amounts =				1411.5				
2	6	7.837	7.837	0.000	39741476	1255.1		100.0		
2	7	8.205	8.204	0.001	82757924	1327.9	163.4- 223.4	208.2		
2	8	8.635	8.634	0.001	105843676	1395.1	201.9- 261.9	266.3		
2	9	9.355	9.354	0.001	63811302	1122.9	146.4- 206.4	160.6		
2	10	9.745	9.744	0.001	72146034	1188.4	153.8- 213.8	181.5		
		Average of Peak Amounts =				1257.9				
						RPD = 11.51				

\$ 3 Dibutylchloroendate

1	1	9.568
2	2	10.258

\$ 2 DCB Decachlorobiphenyl

1	1	10.769
2	2	11.579

Report Date: 08-Dec-2011 13:01:34

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5884.D

Injection Date: 07-Dec-2011 18:36:30

Limit Group: SGC - 1 - 8082 CAL

Client ID: TRAB-6b

Instrument ID: SGCA

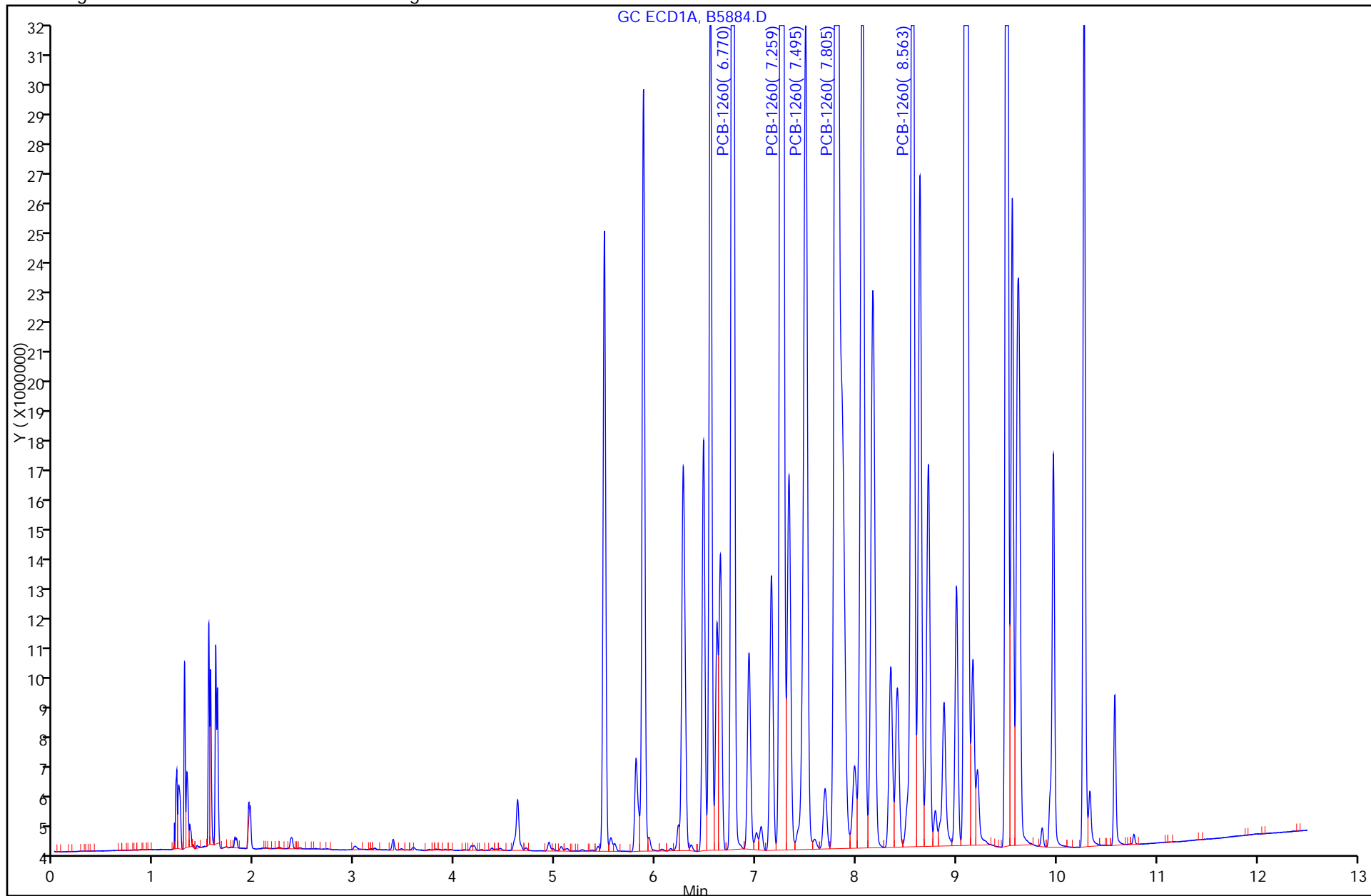
Lims Batch ID: 90710

Lims Sample ID: 23

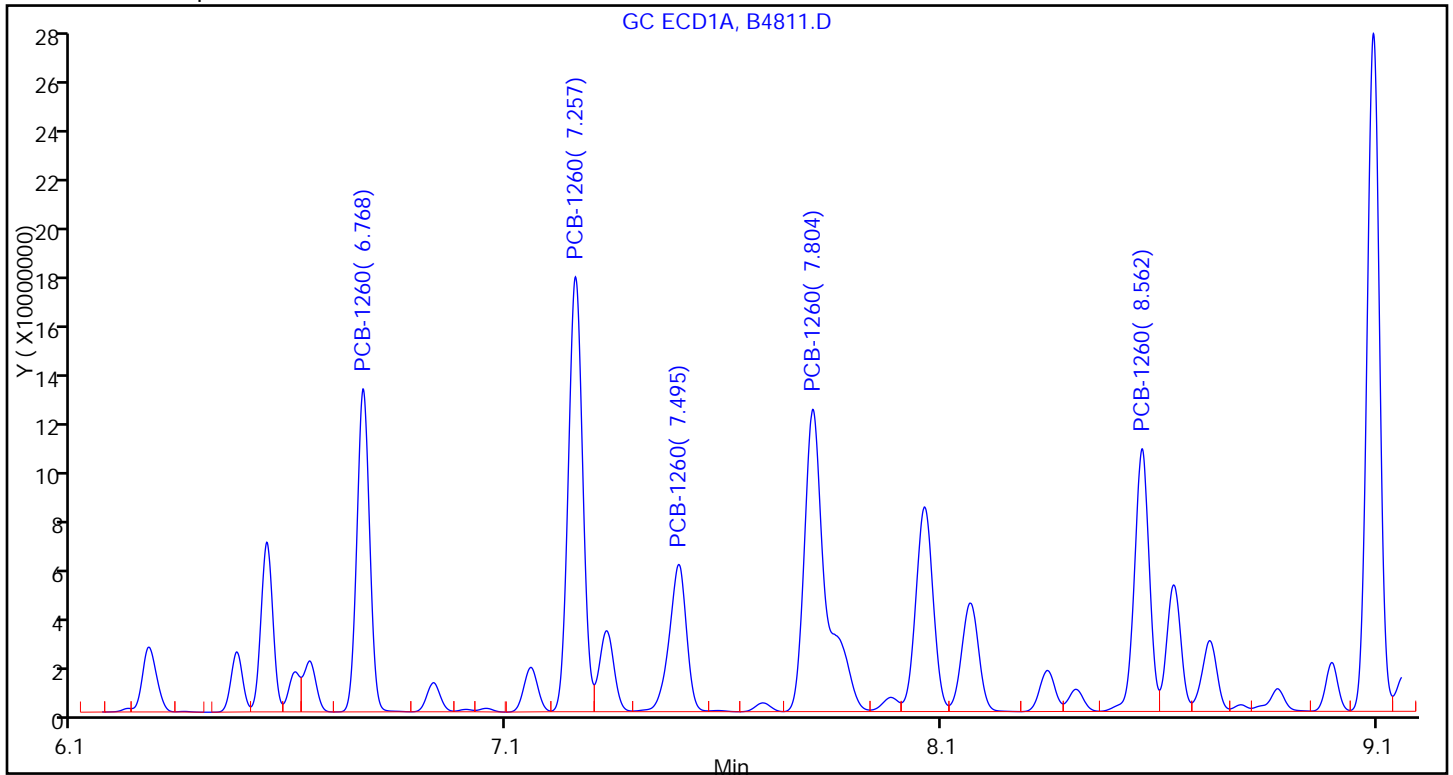
Operator ID:

Injection Vol: 1.00 ul

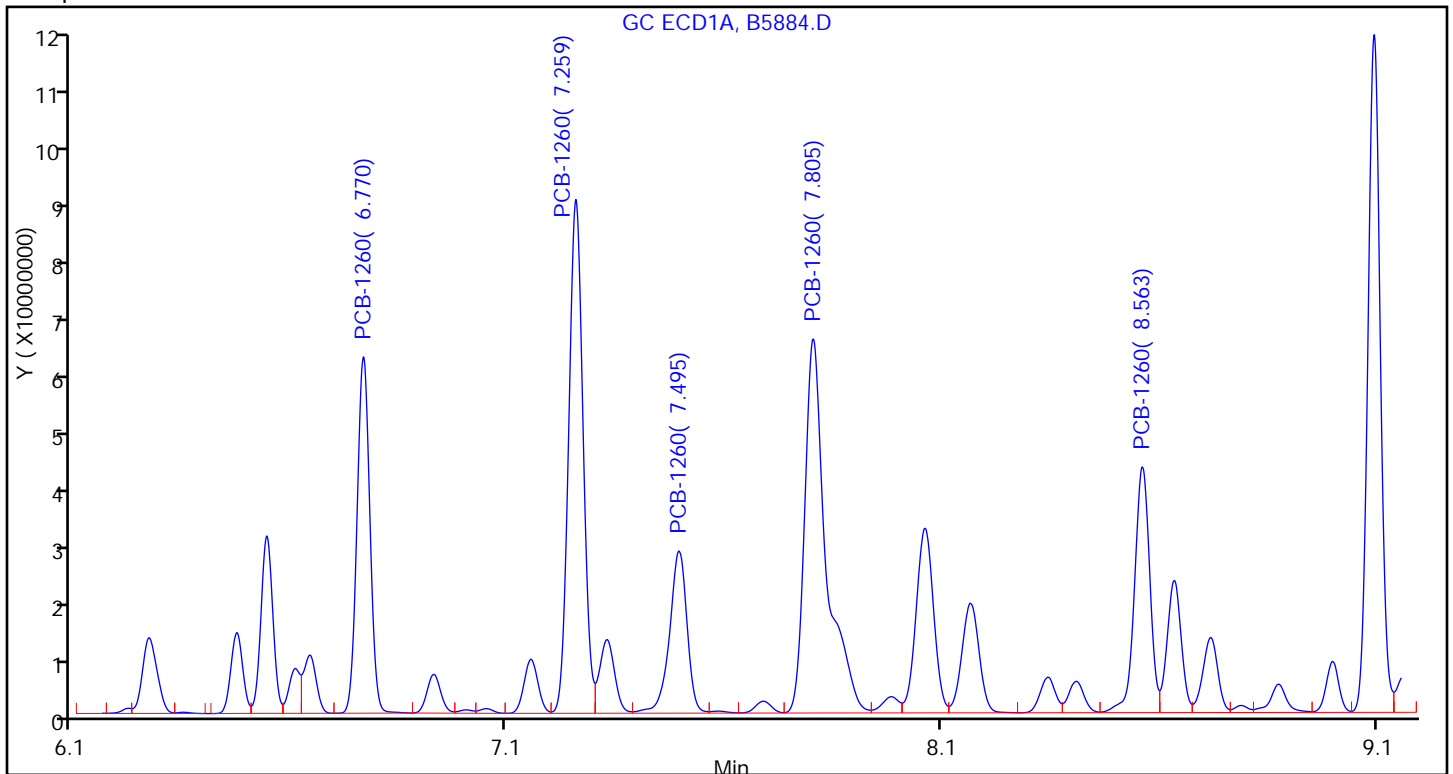
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRAB-7b DL Lab Sample ID: 510-73055-5 DL
 Matrix: Solid Lab File ID: B5877.D
 Analysis Method: 8082 Date Collected: 12/06/2011 14:50
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.82 (g) Date Analyzed: 12/07/2011 16:50
 Con. Extract Vol.: 5 (mL) Dilution Factor: 10
 Injection Volume: 1 (uL) GC Column: 8082/608 ID: 0.53 (mm)
 % Moisture: 4.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.20		0.20	0.022
11104-28-2	PCB-1221	<0.20		0.20	0.066
11141-16-5	PCB-1232	<0.20		0.20	0.014
53469-21-9	PCB-1242	<0.20		0.20	0.038
12672-29-6	PCB-1248	<0.20		0.20	0.034
11097-69-1	PCB-1254	<0.20		0.20	0.032
11096-82-5	PCB-1260	6.1		0.20	0.016

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\20111207-6033.b\B5877.D
 Lims ID: 510-73055-B-5-A Client ID: TRAB-7b
 Inject. Date: 07-Dec-2011 16:50:18 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-73055-b-5-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 90710 Lims Sample ID: 16
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 17:18:35

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\20111207-6033.b\B5877.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.157						
1	2		3.583						
1	3		4.367						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.587						
2	10		5.879						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
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	6.769	6.769	0.000	162462301	1818.6		100.0		
1	2	7.258	7.259	-0.001	266146331	1972.6	119.7- 179.7	163.8		
1	3	7.495	7.496	-0.001	101718438	1867.1	29.6- 89.6	62.6		
1	4	7.804	7.804	0.000	292777679	2075.5	126.4- 186.4	180.2		
1	5	8.563	8.562	0.001	132623779	1577.6	64.1- 124.1	81.6		
		Average of Peak Amounts =				1862.3				
2	6	7.837	7.836	0.001	49961023	1585.2		100.0		
2	7	8.206	8.205	0.001	105030591	1710.4	163.4- 223.4	210.2		
2	8	8.635	8.634	0.001	136275045	1842.5	201.9- 261.9	272.8		
2	9	9.355	9.354	0.001	80845294	1433.9	146.4- 206.4	161.8		
2	10	9.745	9.744	0.001	92158429	1546.7	153.8- 213.8	184.5		
		Average of Peak Amounts =				1623.7				
						RPD = 13.69				

\$ 3 Dibutylchloroendate

1	1	9.569
2	2	10.259

\$ 2 DCB Decachlorobiphenyl

1	1	10.771
2	2	11.579

Report Date: 07-Dec-2011 17:18:35

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5877.D

Injection Date: 07-Dec-2011 16:50:18

Limit Group: SGC - 1 - 8082 CAL

Client ID: TRAB-7b

Instrument ID: SGCA

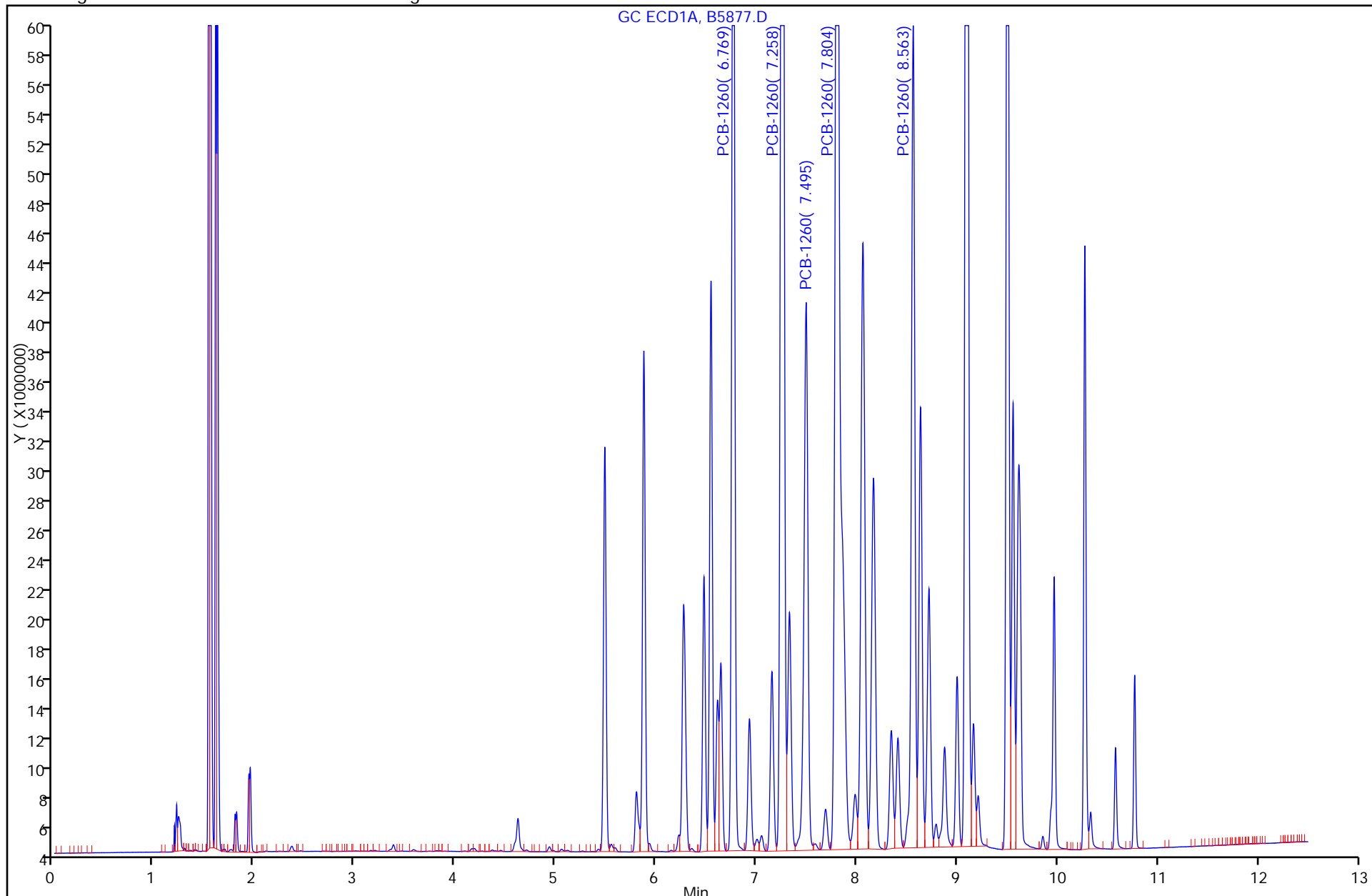
Lims Batch ID: 90710

Lims Sample ID: 16

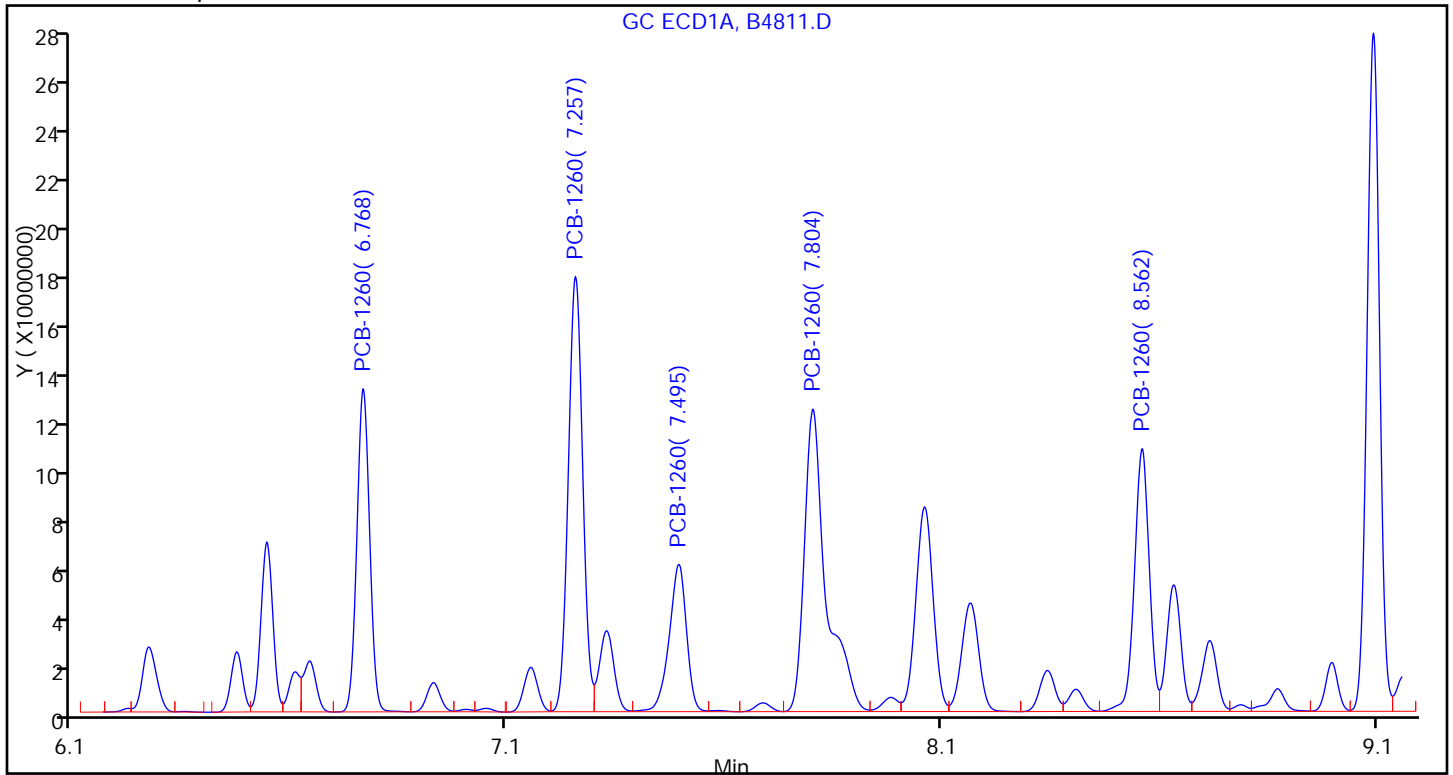
Operator ID:

Injection Vol: 1.00 ul

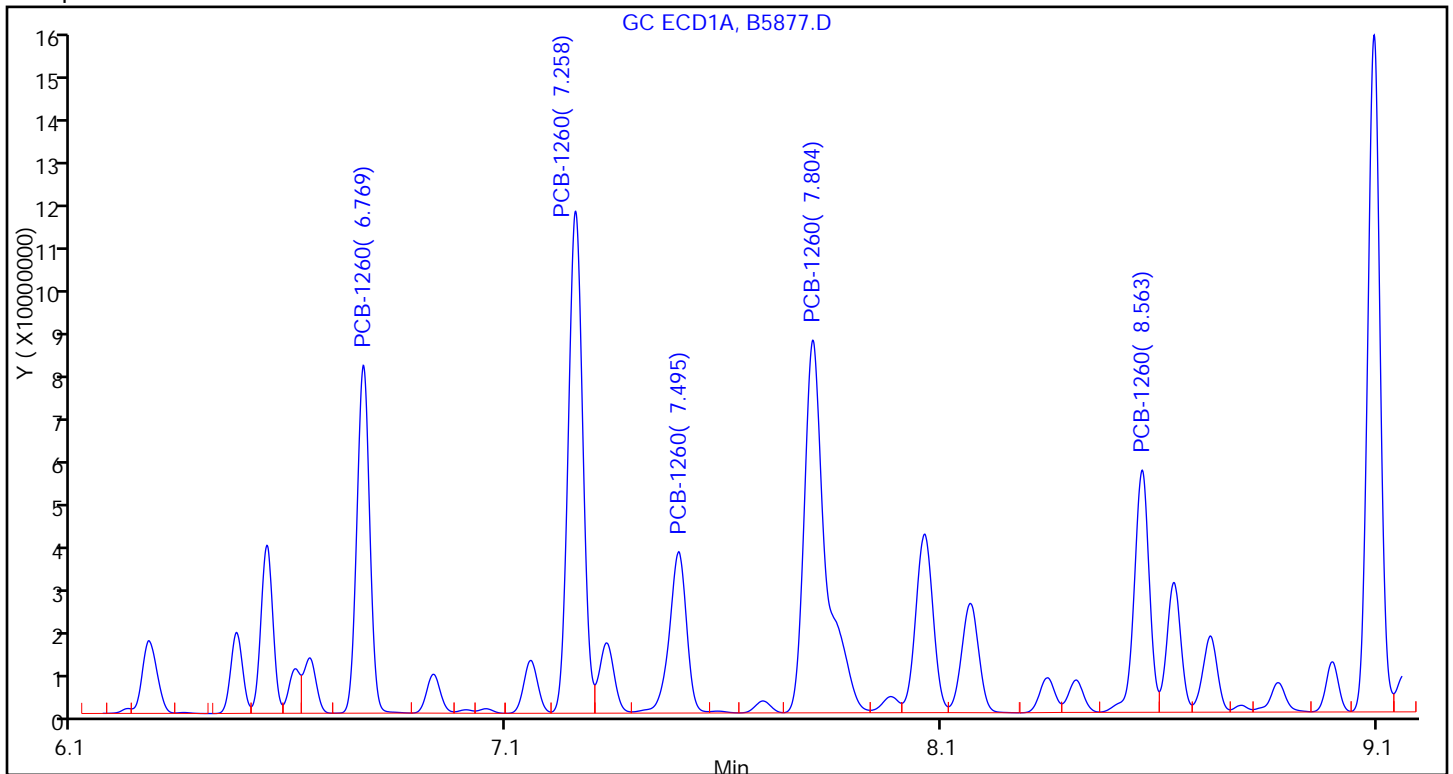
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRAB-8b DL Lab Sample ID: 510-73055-6 DL
 Matrix: Solid Lab File ID: B5878.D
 Analysis Method: 8082 Date Collected: 12/06/2011 14:55
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.44(g) Date Analyzed: 12/07/2011 17:05
 Con. Extract Vol.: 5(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 5.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 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	0.41		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\20111207-6033.b\B5878.D
 Lims ID: 510-73055-B-6-A Client ID: TRAB-8b
 Inject. Date: 07-Dec-2011 17:05:33 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-73055-b-6-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 15
 Lims Batch ID: 90710 Lims Sample ID: 17
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 17:19:01

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\20111207-6033.b\B5878.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.157						
1	2		3.583						
1	3		4.367						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.587						
2	10		5.879						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
2	10		9.223						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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11 PCB-1260

1	1	6.770	6.769	0.001	11588622	119.9		100.0	
1	2	7.260	7.259	0.001	18663531	129.7	119.7- 179.7	161.1	
1	3	7.499	7.496	0.003	6615660	118.4	29.6- 89.6	57.1	
1	4	7.807	7.804	0.003	20286414	137.8	126.4- 186.4	175.1	
1	5	8.564	8.562	0.002	9255221	101.2	64.1- 124.1	79.9	
Average of Peak Amounts =						121.4			
2	6	7.838	7.836	0.002	3440619	101.1		100.0	
2	7	8.207	8.205	0.002	7637701	110.3	163.4- 223.4	222.0	
2	8	8.635	8.634	0.001	10546581	122.9	201.9- 261.9	306.5	
2	9	9.355	9.354	0.001	5591092	89.3	146.4- 206.4	162.5	
2	10	9.745	9.744	0.001	5814280	83.6	153.8- 213.8	169.0	
Average of Peak Amounts =						101.4			

RPD = 17.93

\$ 3 Dibutylchloroendate

1	1	9.569
2	2	10.259

\$ 2 DCB Decachlorobiphenyl

1	1	10.771
2	2	11.579

Report Date: 07-Dec-2011 17:19:01

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5878.D

Injection Date: 07-Dec-2011 17:05:33

Limit Group: SGC - 1 - 8082 CAL

Client ID: TRAB-8b

Instrument ID: SGCA

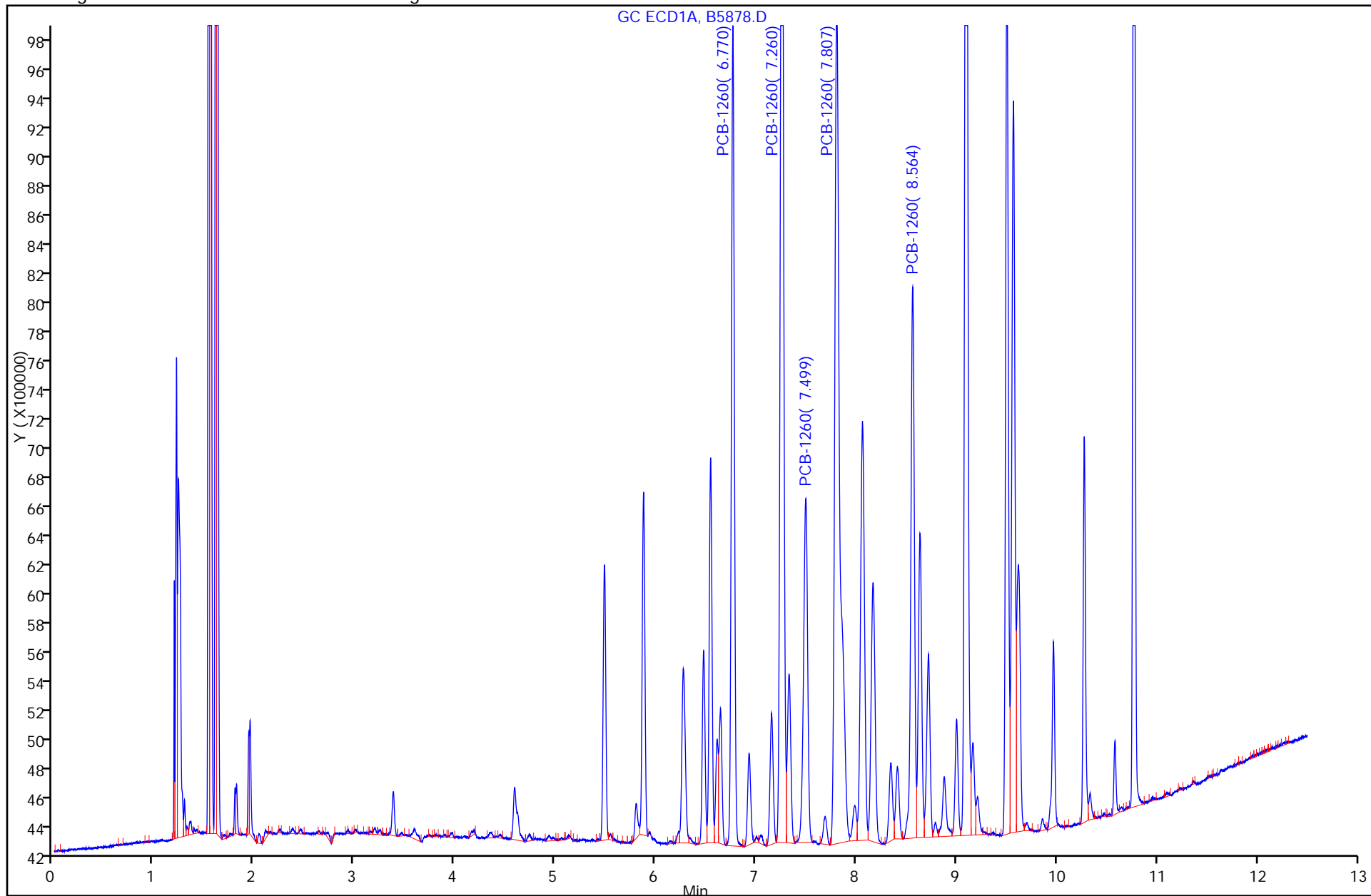
Lims Batch ID: 90710

Lims Sample ID: 17

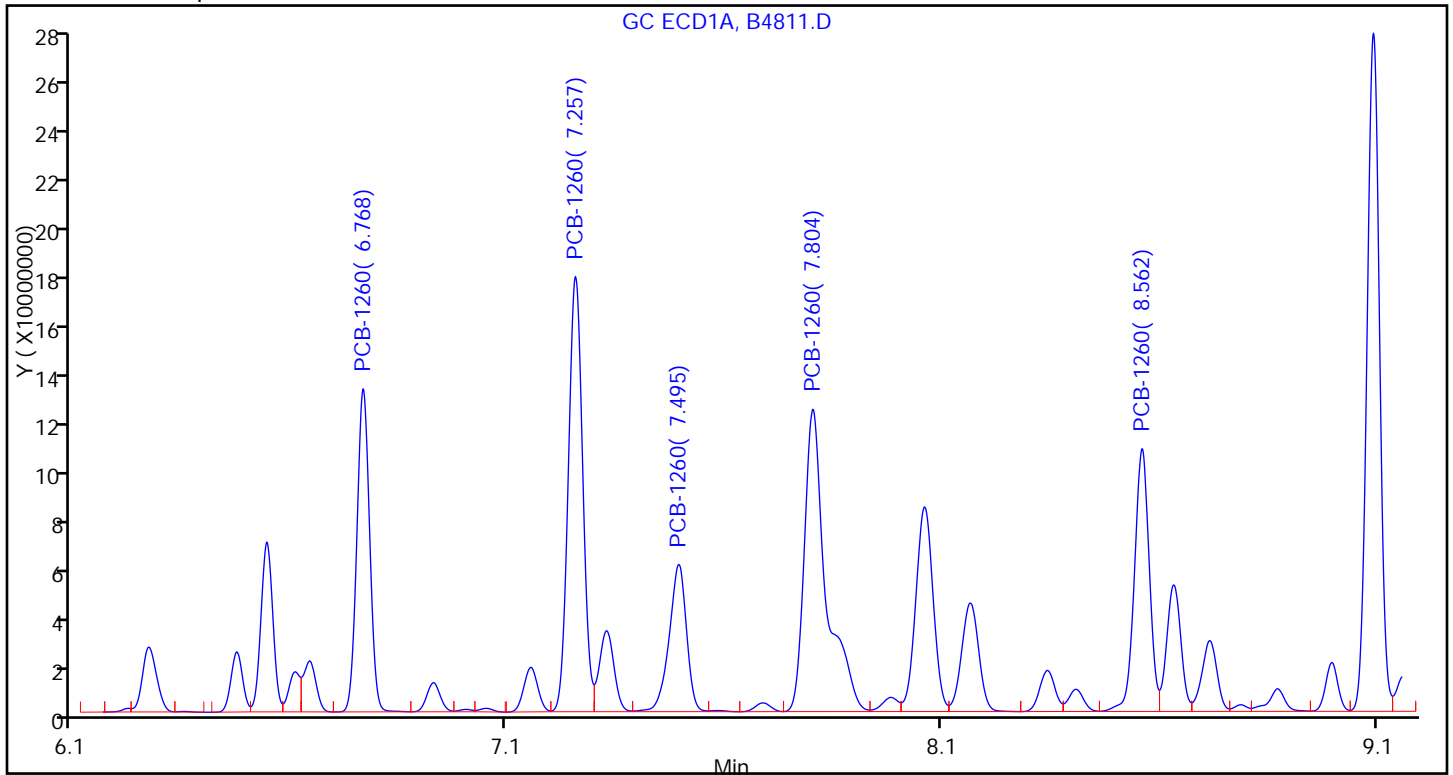
Operator ID:

Injection Vol: 1.00 ul

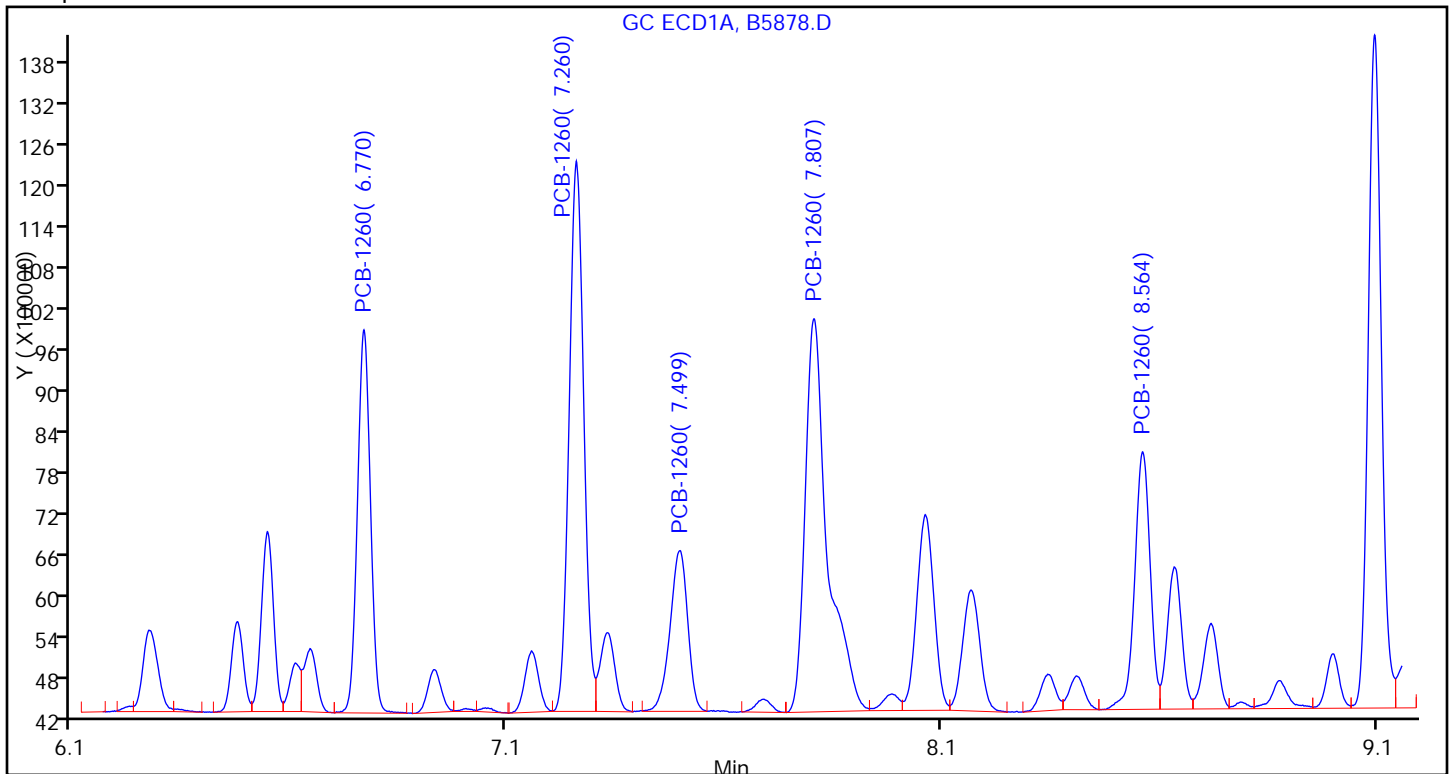
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRAB-10b DL Lab Sample ID: 510-73055-7 DL
 Matrix: Solid Lab File ID: B5879.D
 Analysis Method: 8082 Date Collected: 12/06/2011 15:00
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.43(g) Date Analyzed: 12/07/2011 17:20
 Con. Extract Vol.: 5(mL) Dilution Factor: 200
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 9.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<4.3		4.3	0.49
11104-28-2	PCB-1221	<4.3		4.3	1.4
11141-16-5	PCB-1232	<4.3		4.3	0.30
53469-21-9	PCB-1242	<4.3		4.3	0.82
12672-29-6	PCB-1248	<4.3		4.3	0.74
11097-69-1	PCB-1254	<4.3		4.3	0.69
11096-82-5	PCB-1260	110		4.3	0.35

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\20111207-6033.b\B5879.D
 Lims ID: 510-73055-B-7-A Client ID: TRAB-10b
 Inject. Date: 07-Dec-2011 17:20:41 Dil. Factor: 200.0000
 Sample Type: Client
 Sample ID: 510-73055-b-7-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 16
 Lims Batch ID: 90710 Lims Sample ID: 18
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 17:37:12

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5879.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.157						
1	2		3.583						
1	3		4.367						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.587						
2	10		5.879						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
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	6.769	-0.001	127975567	1420.6		100.0		
1	2	7.258	7.259	-0.001	212116999	1562.4	119.7- 179.7	165.7		
1	3	7.495	7.496	-0.001	80825964	1488.4	29.6- 89.6	63.2		
1	4	7.805	7.804	0.001	232253277	1647.4	126.4- 186.4	181.5		
1	5	8.564	8.562	0.002	108544917	1290.5	64.1- 124.1	84.8		
		Average of Peak Amounts =				1481.8				
2	6	7.837	7.836	0.001	40107357	1266.9		100.0		
2	7	8.205	8.205	0.000	84881561	1363.9	163.4- 223.4	211.6		
2	8	8.635	8.634	0.001	109574375	1448.7	201.9- 261.9	273.2		
2	9	9.355	9.354	0.001	66273861	1167.6	146.4- 206.4	165.2		
2	10	9.745	9.744	0.001	75710488	1251.3	153.8- 213.8	188.8		
		Average of Peak Amounts =				1299.7				
						RPD = 13.10				

\$ 3 Dibutylchloroendate

1	1	9.569
2	2	10.259

\$ 2 DCB Decachlorobiphenyl

1	1	10.771
2	2	11.579

Report Date: 07-Dec-2011 17:37:12

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5879.D

Injection Date: 07-Dec-2011 17:20:41

Limit Group: SGC - 1 - 8082 CAL

Client ID: TRAB-10b

Instrument ID: SGCA

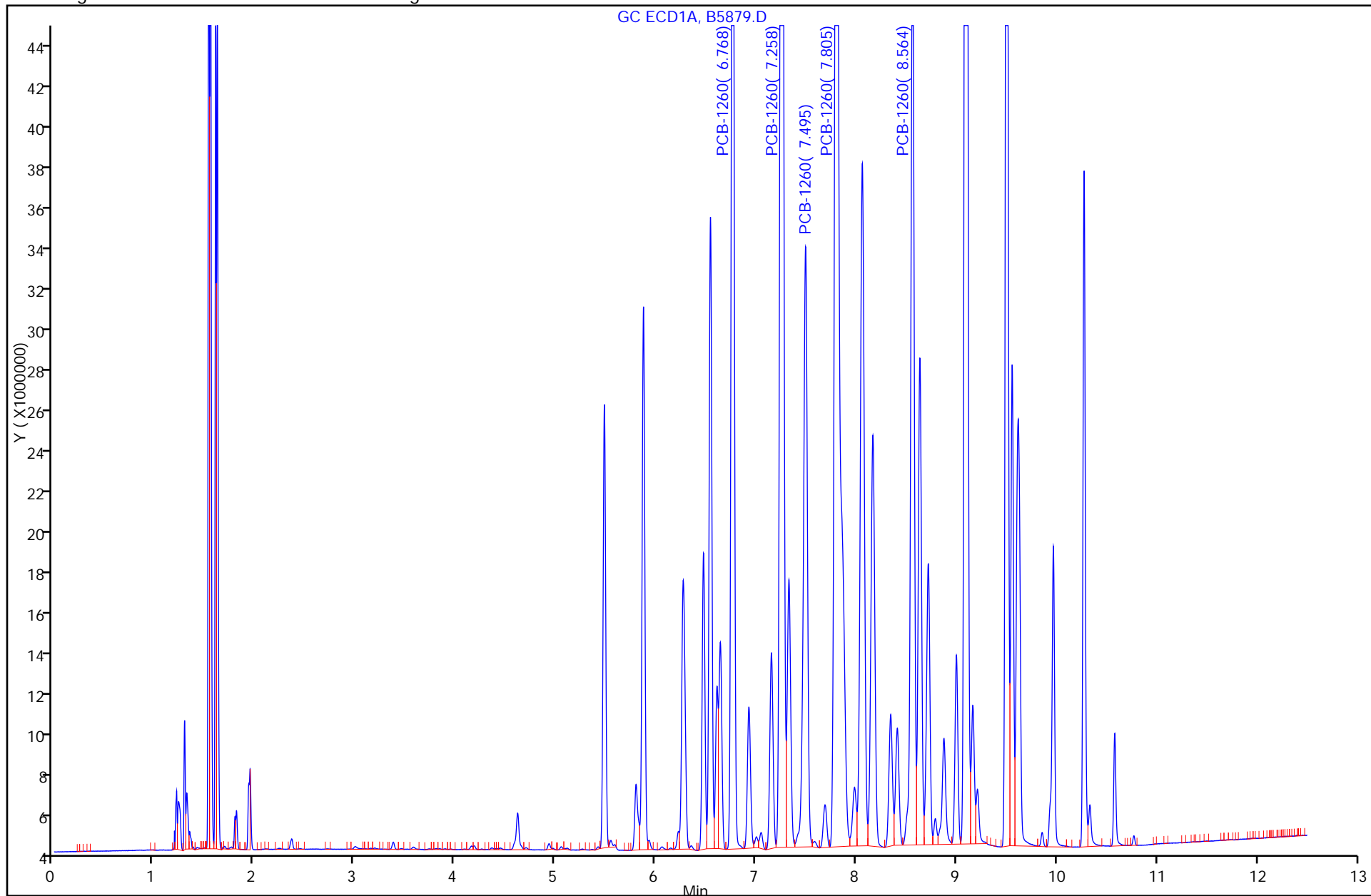
Lims Batch ID: 90710

Lims Sample ID: 18

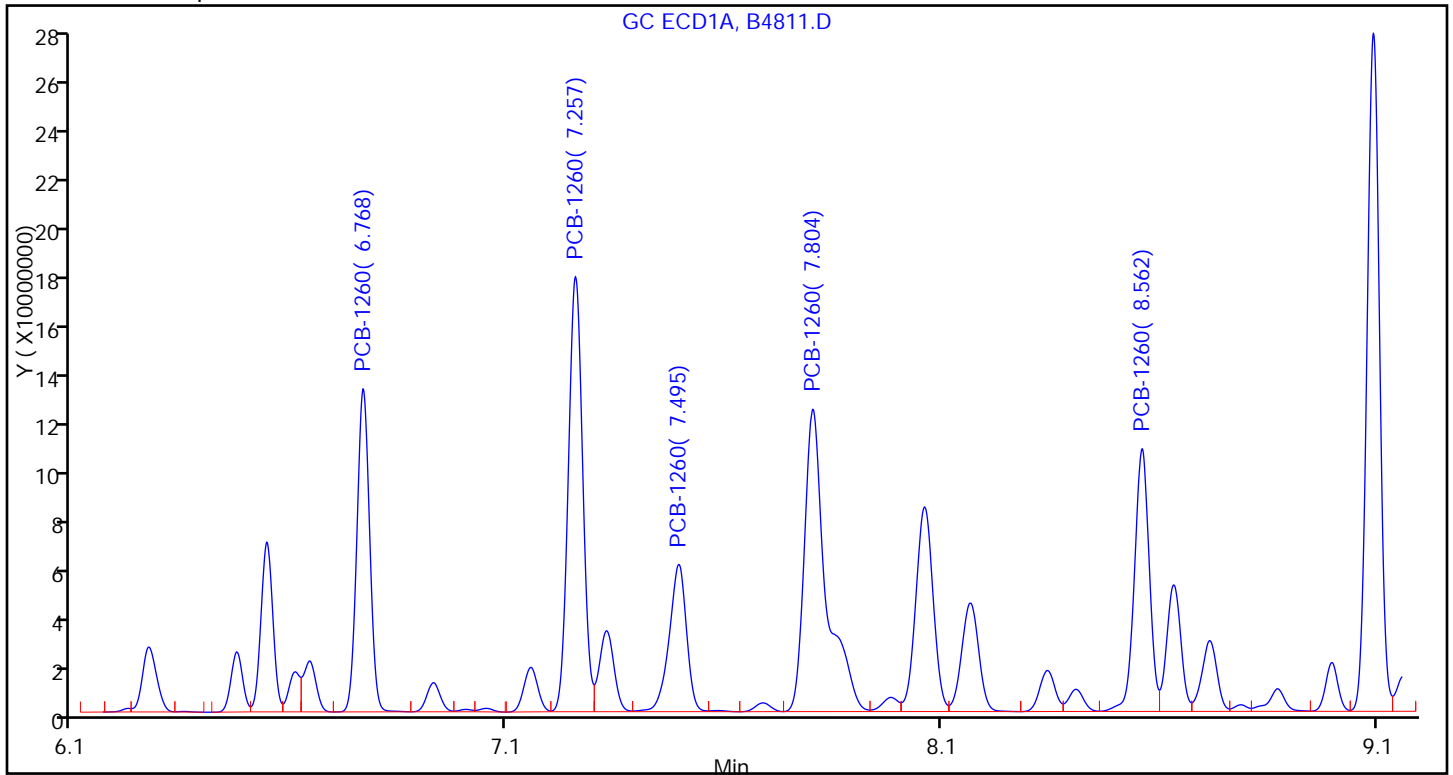
Operator ID:

Injection Vol: 1.00 ul

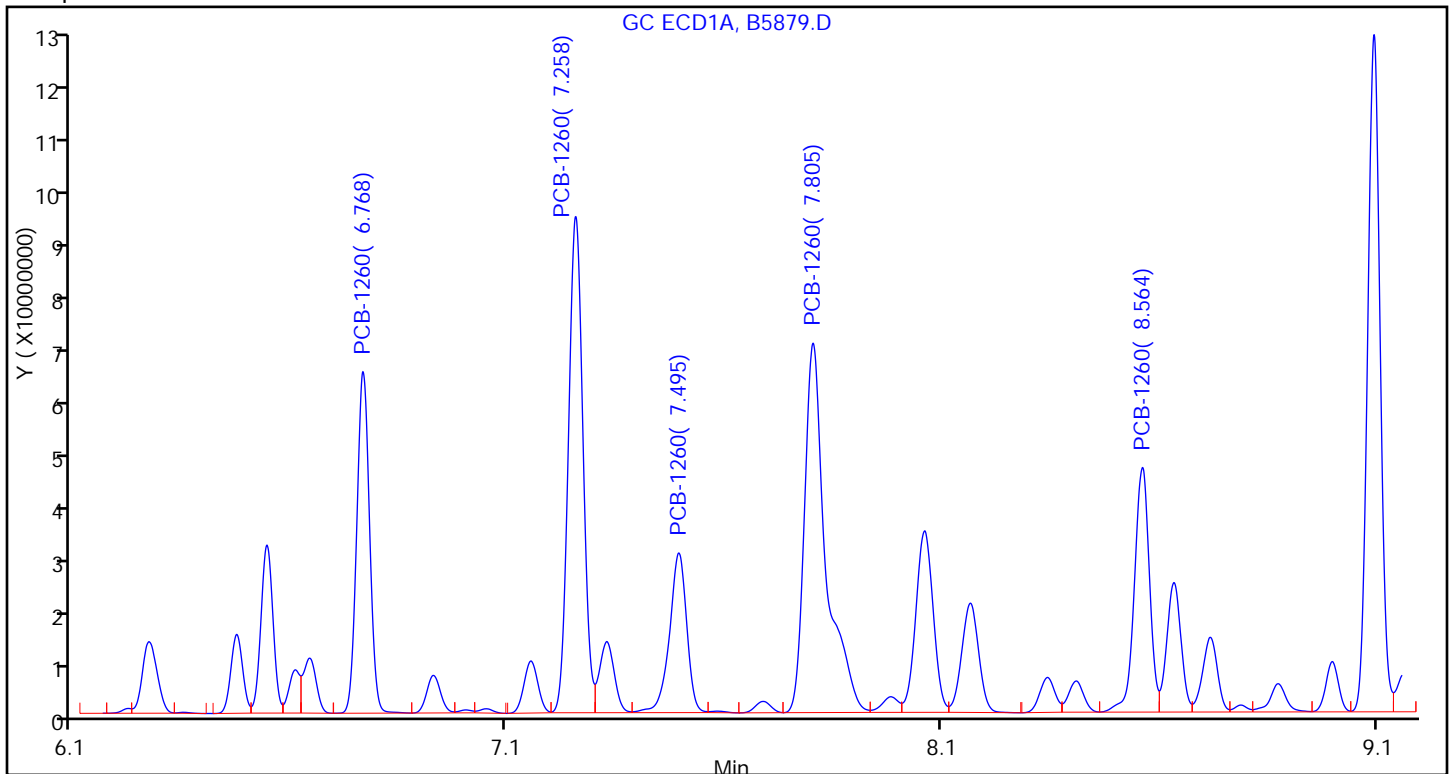
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRAB-11b DL Lab Sample ID: 510-73055-8 DL
 Matrix: Solid Lab File ID: B5880.D
 Analysis Method: 8082 Date Collected: 12/06/2011 15:05
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.39(g) Date Analyzed: 12/07/2011 17:35
 Con. Extract Vol.: 5(mL) Dilution Factor: 100
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 7.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<2.1		2.1	0.24
11104-28-2	PCB-1221	<2.1		2.1	0.70
11141-16-5	PCB-1232	<2.1		2.1	0.15
53469-21-9	PCB-1242	<2.1		2.1	0.40
12672-29-6	PCB-1248	<2.1		2.1	0.36
11097-69-1	PCB-1254	<2.1		2.1	0.34
11096-82-5	PCB-1260	61		2.1	0.17

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\20111207-6033.b\B5880.D
 Lims ID: 510-73055-B-8-A Client ID: TRAB-11b
 Inject. Date: 07-Dec-2011 17:35:48 Dil. Factor: 100.0000
 Sample Type: Client
 Sample ID: 510-73055-b-8-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 17
 Lims Batch ID: 90710 Lims Sample ID: 19
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 18:10:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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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\20111207-6033.b\B5880.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.157						
1	2		3.583						
1	3		4.367						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.587						
2	10		5.879						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
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	6.769	6.769	0.000	149691520	1670.5		100.0	
1	2	7.258	7.259	-0.001	243710895	1801.7	119.7- 179.7	162.8	
1	3	7.496	7.496	0.000	94227884	1731.7	29.6- 89.6	62.9	
1	4	7.804	7.804	0.000	267974558	1900.2	126.4- 186.4	179.0	
1	5	8.563	8.562	0.001	126013146	1498.8	64.1- 124.1	84.2	
Average of Peak Amounts =						1720.6			
2	6	7.837	7.836	0.001	46727972	1480.5		100.0	
2	7	8.206	8.205	0.001	97584389	1581.3	163.4- 223.4	208.8	
2	8	8.636	8.634	0.002	125612660	1683.0	201.9- 261.9	268.8	
2	9	9.355	9.354	0.001	76313164	1350.7	146.4- 206.4	163.3	
2	10	9.745	9.744	0.001	87109764	1455.0	153.8- 213.8	186.4	
Average of Peak Amounts =						1510.1			

RPD = 13.03

\$ 3 Dibutylchloroendate

1	1	9.569
2	2	10.259

\$ 2 DCB Decachlorobiphenyl

1	1	10.771
2	2	11.579

Report Date: 07-Dec-2011 18:10:00

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5880.D

Injection Date: 07-Dec-2011 17:35:48

Limit Group: SGC - 1 - 8082 CAL

Client ID: TRAB-11b

Instrument ID: SGCA

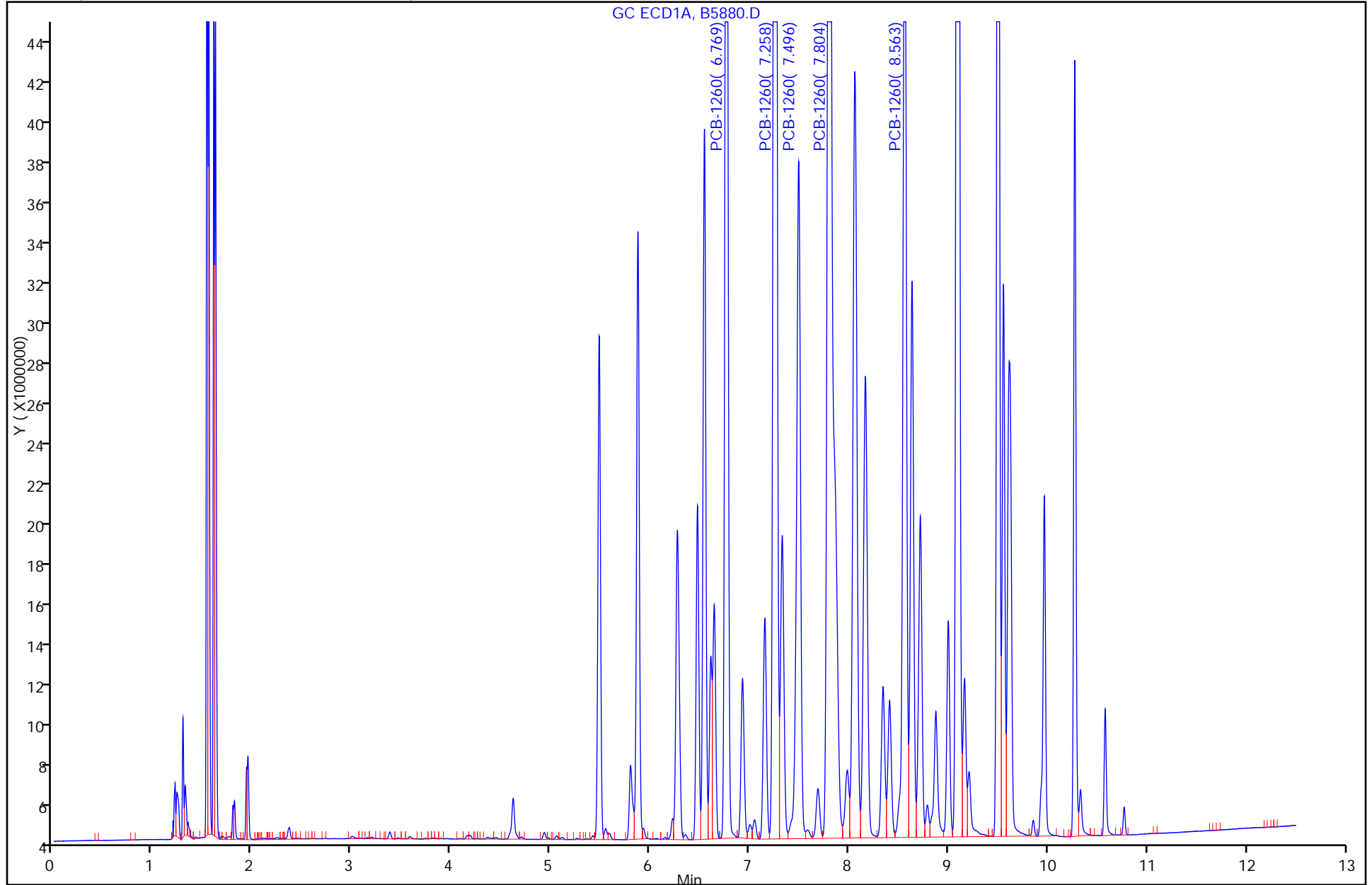
Lims Batch ID: 90710

Lims Sample ID: 19

Operator ID:

Injection Vol: 1.00 ul

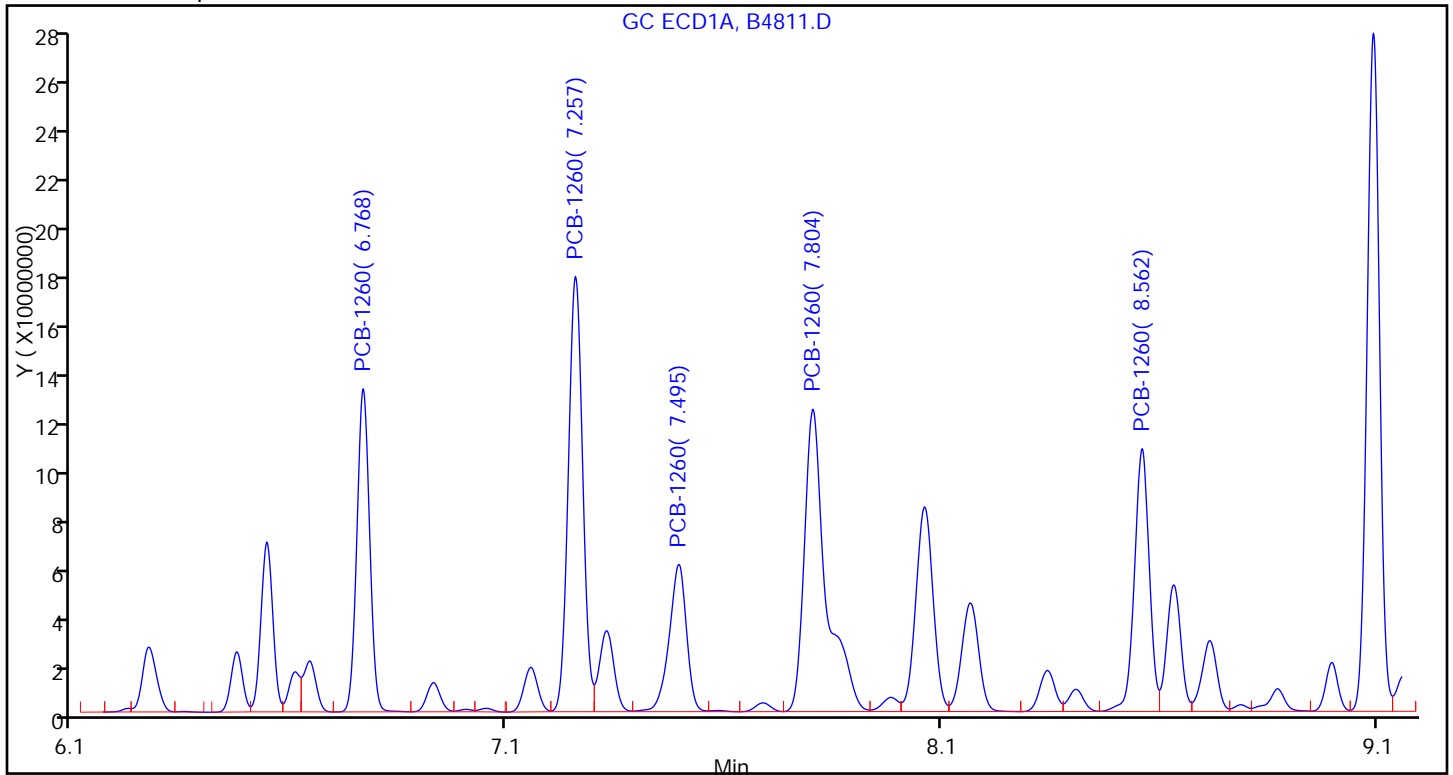
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



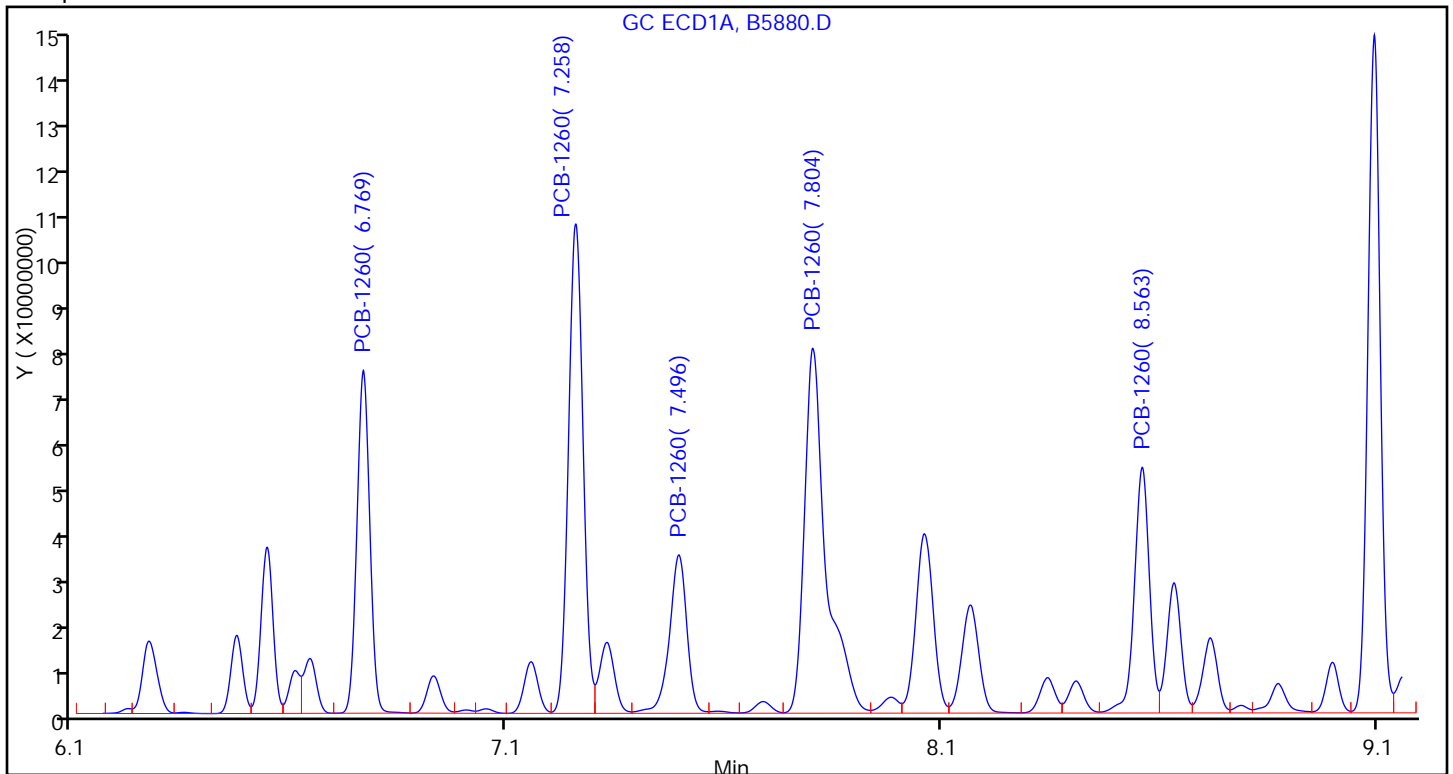
Report Date: 07-Dec-2011 18:10:00
Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5880.D
Injection Date: 07-Dec-2011 17:35:48
Client ID: TRAB-11b
Lims Batch ID: 90710
Operator ID:
11 PCB-1260, Detector: 1, GC ECD1A

Chrom Revision: 1.2 13-Jul-2011 10:43:06
Limit Group: SGC - 1 - 8082 CAL
Instrument ID: SGCA
Lims Sample ID: 19
Injection Vol: 1.00 ul

Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: AREAD-3b DL Lab Sample ID: 510-73055-9 DL
 Matrix: Solid Lab File ID: B5881.D
 Analysis Method: 8082 Date Collected: 12/06/2011 15:40
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.26(g) Date Analyzed: 12/07/2011 17:50
 Con. Extract Vol.: 5(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 12.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.23		0.23	0.026
11104-28-2	PCB-1221	<0.23		0.23	0.075
11141-16-5	PCB-1232	<0.23		0.23	0.016
53469-21-9	PCB-1242	<0.23		0.23	0.043
12672-29-6	PCB-1248	<0.23		0.23	0.039
11097-69-1	PCB-1254	<0.23		0.23	0.036
11096-82-5	PCB-1260	0.36		0.23	0.018

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\20111207-6033.b\B5881.D
 Lims ID: 510-73055-A-9-A Client ID: AREAD-3b
 Inject. Date: 07-Dec-2011 17:50:49 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-73055-a-9-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 18
 Lims Batch ID: 90710 Lims Sample ID: 20
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 18:10:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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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\20111207-6033.b\B5881.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.157						
1	2		3.583						
1	3		4.367						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.587						
2	10		5.879						
10 PCB-1242									
1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						
6 PCB-1248									
1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						
9 PCB-1254									
1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
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	6.769	-0.001	9563382	97.8		100.0	
1	2	7.258	7.259	-0.001	15006070	103.1	119.7- 179.7	156.9	
1	3	7.495	7.496	-0.001	5361940	95.0	29.6- 89.6	56.1	
1	4	7.805	7.804	0.001	16365408	109.7	126.4- 186.4	171.1	
1	5	8.563	8.562	0.001	7065876	74.9	64.1- 124.1	73.9	
Average of Peak Amounts =						96.1			
2	6	7.838	7.836	0.002	2765351	79.9		100.0	
2	7	8.205	8.205	0.000	6257655	88.9	163.4- 223.4	226.3	
2	8	8.634	8.634	0.000	8693772	99.8	201.9- 261.9	314.4	
2	9	9.354	9.354	0.000	4625647	72.5	146.4- 206.4	167.3	
2	10	9.744	9.744	0.000	5803444	83.4	153.8- 213.8	209.9	
Average of Peak Amounts =						84.9			

RPD = 12.39

\$ 3 Dibutylchloroendate

1	1	9.569
2	2	10.259

\$ 2 DCB Decachlorobiphenyl

1	1	10.771
2	2	11.579

Report Date: 07-Dec-2011 18:10:20

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5881.D

Injection Date: 07-Dec-2011 17:50:49

Limit Group: SGC - 1 - 8082 CAL

Client ID: AREAD-3b

Instrument ID: SGCA

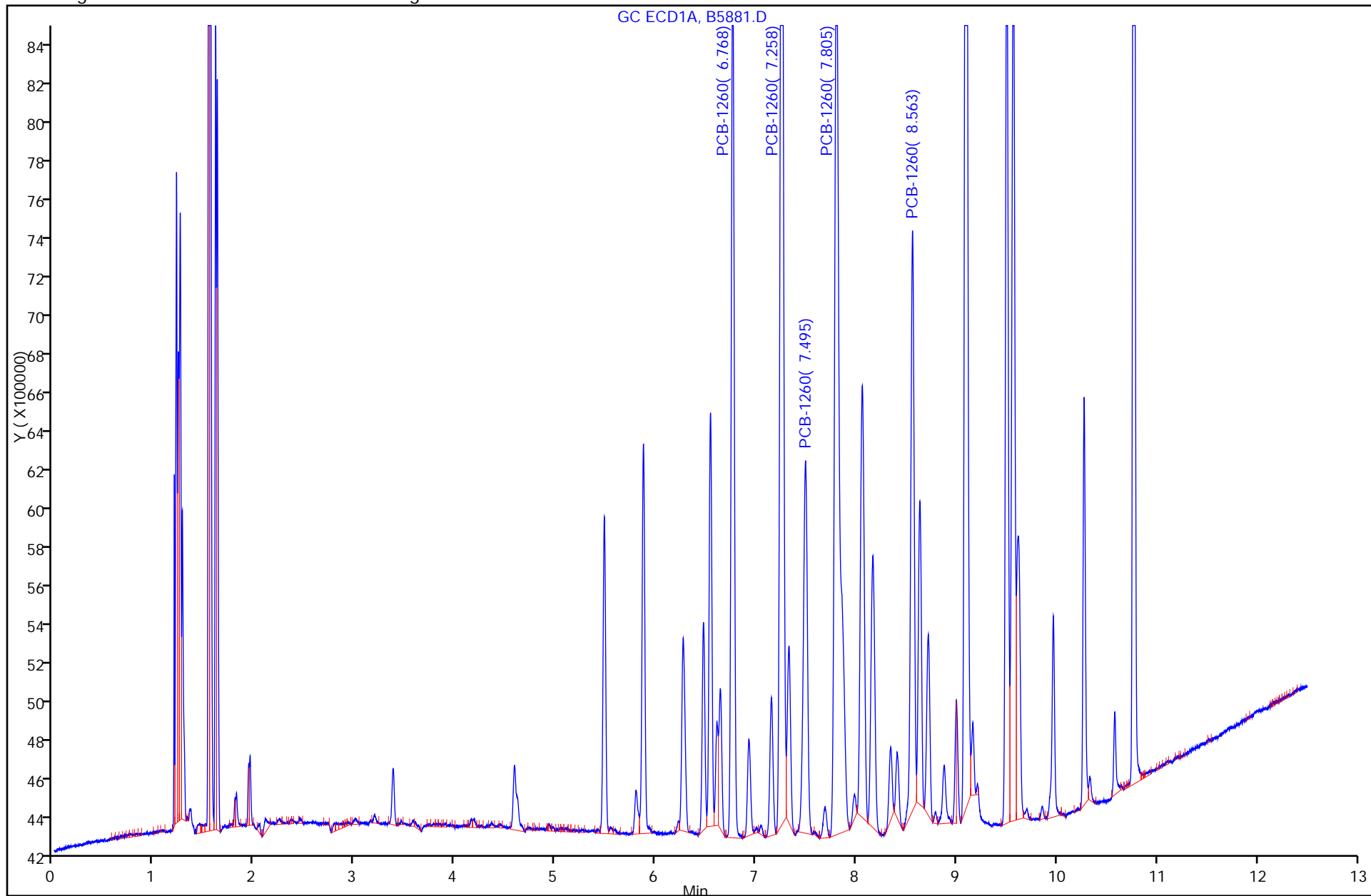
Lims Batch ID: 90710

Lims Sample ID: 20

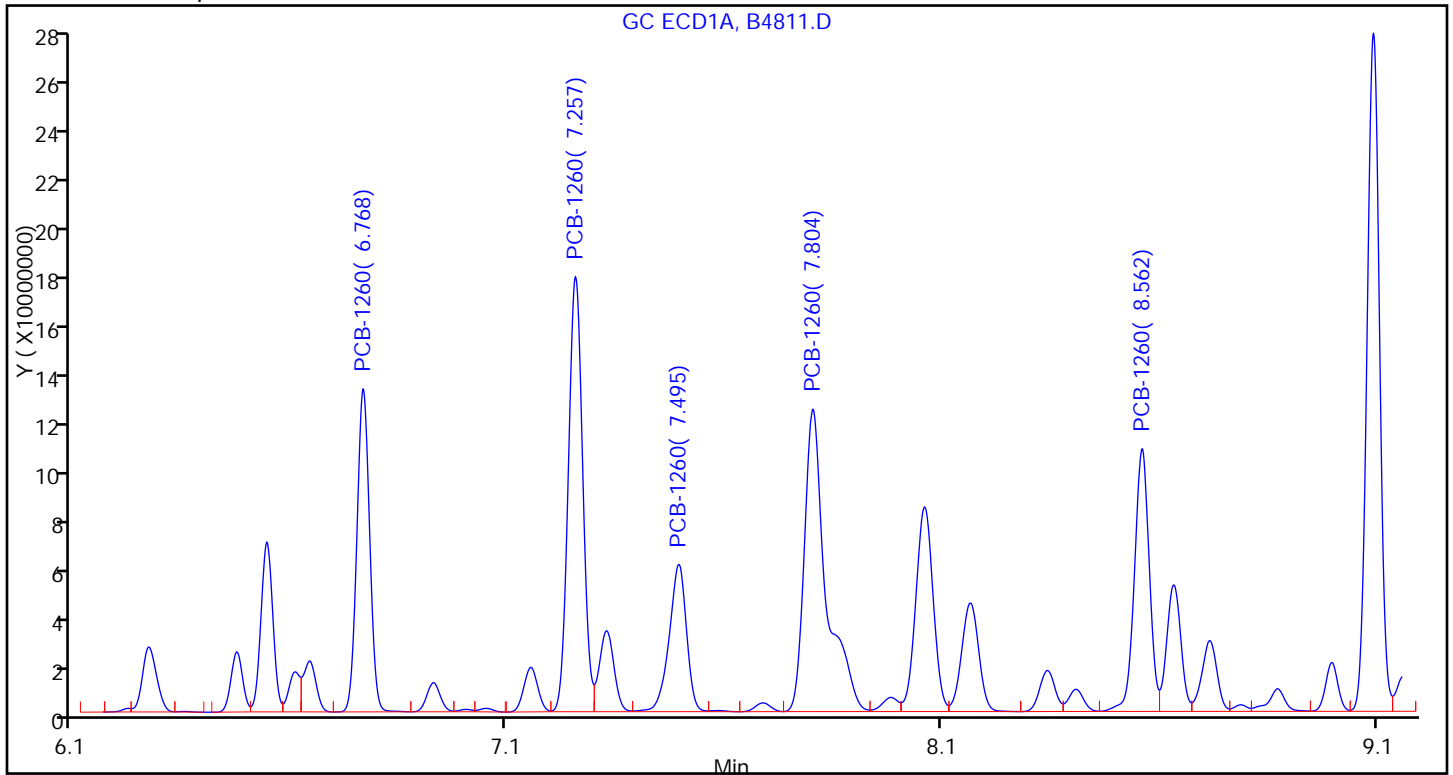
Operator ID:

Injection Vol: 1.00 ul

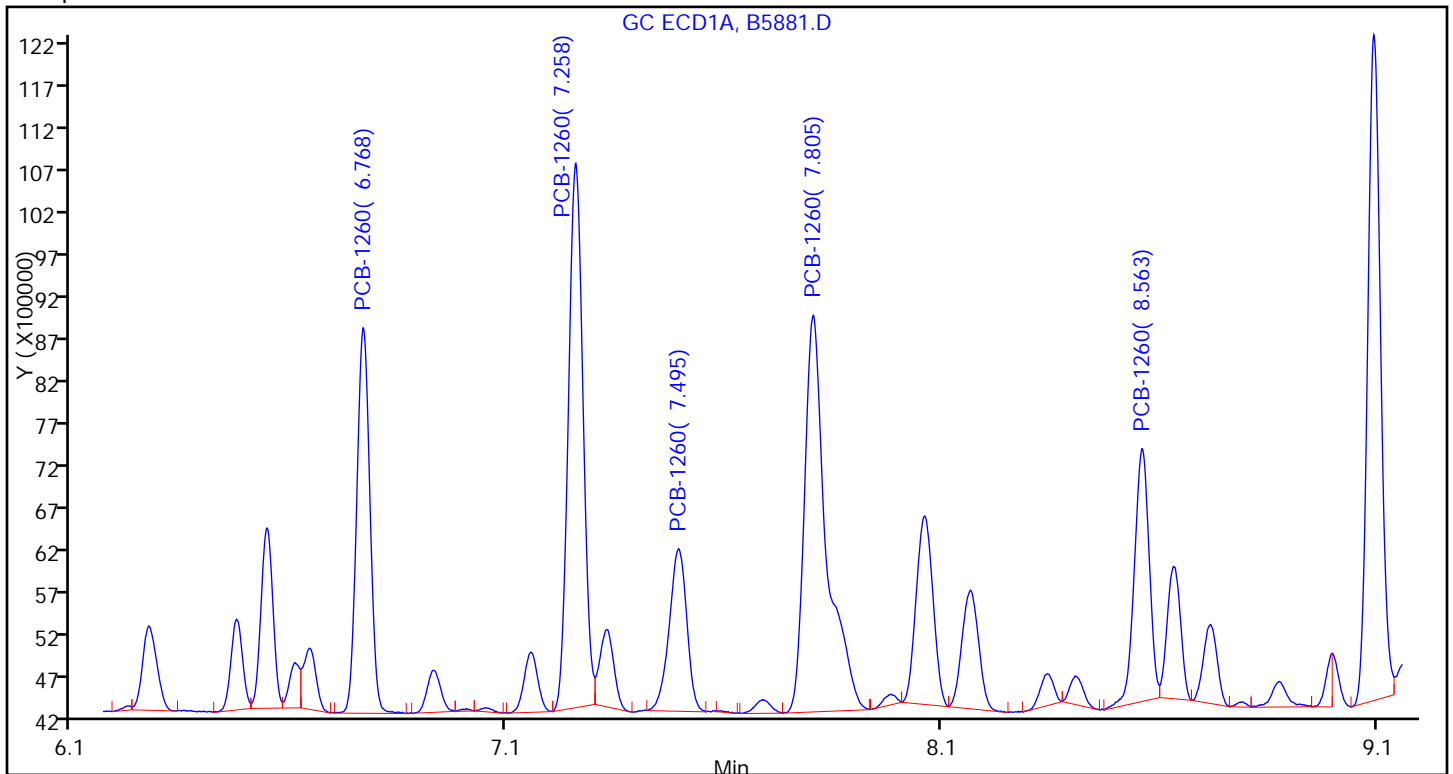
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 10



Calibration Sample, Level: 9



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: Field Duplicate DL Lab Sample ID: 510-73055-10 DL
 Matrix: Solid Lab File ID: B5882.D
 Analysis Method: 8082 Date Collected: 12/06/2011 15:45
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.86(g) Date Analyzed: 12/07/2011 18:06
 Con. Extract Vol.: 5(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 13.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 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	0.072
11141-16-5	PCB-1232	<0.22		0.22	0.015
53469-21-9	PCB-1242	<0.22		0.22	0.041
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	<0.22		0.22	0.018

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\20111207-6033.b\B5882.D
 Lims ID: 510-73055-A-10-A Client ID: Field Duplicate
 Inject. Date: 07-Dec-2011 18:06:15 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-73055-a-10-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 19
 Lims Batch ID: 90710 Lims Sample ID: 21
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 18:23:22

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\20111207-6033.b\B5882.D

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

4 PCB-1016

1	1		3.157						
1	2		3.583						
1	3		4.367						
1	4		4.936						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.154						
2	9		5.587						
2	10		5.879						

10 PCB-1242

1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						

6 PCB-1248

1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						

9 PCB-1254

1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
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	6.770	6.769	0.001	2419263	20.1		100.0	7
1	2	7.260	7.259	0.001	3769000	21.6	119.7- 179.7	155.8	A
1	3	7.499	7.496	0.003	1297984	18.7	29.6- 89.6	53.7	A
1	4	7.806	7.804	0.002	3982152	21.0	126.4- 186.4	164.6	A
1	5	8.564	8.562	0.002	1897332	12.7	64.1- 124.1	78.4	A
Average of Peak Amounts =						18.8			
2	6	7.837	7.836	0.001	764239	17.1		100.0	7
2	7	8.206	8.205	0.001	1692031	18.2	163.4- 223.4	221.4	A
2	8	8.635	8.634	0.001	2135807	18.4	201.9- 261.9	279.5	A
2	9	9.355	9.354	0.001	1173486	12.6	146.4- 206.4	153.5	A
2	10	9.745	9.744	0.001	1477709	15.2	153.8- 213.8	193.4	A
Average of Peak Amounts =						16.3			

RPD = 14.54

LOD = 20.0

\$ 3 Dibutylchloroendate

1	1	9.569
2	2	10.259

\$ 2 DCB Decachlorobiphenyl

1	1	10.771
2	2	11.579

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 07-Dec-2011 18:23:22

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5882.D

Injection Date: 07-Dec-2011 18:06:15

Limit Group: SGC - 1 - 8082 CAL

Client ID: Field Duplicate

Instrument ID: SGCA

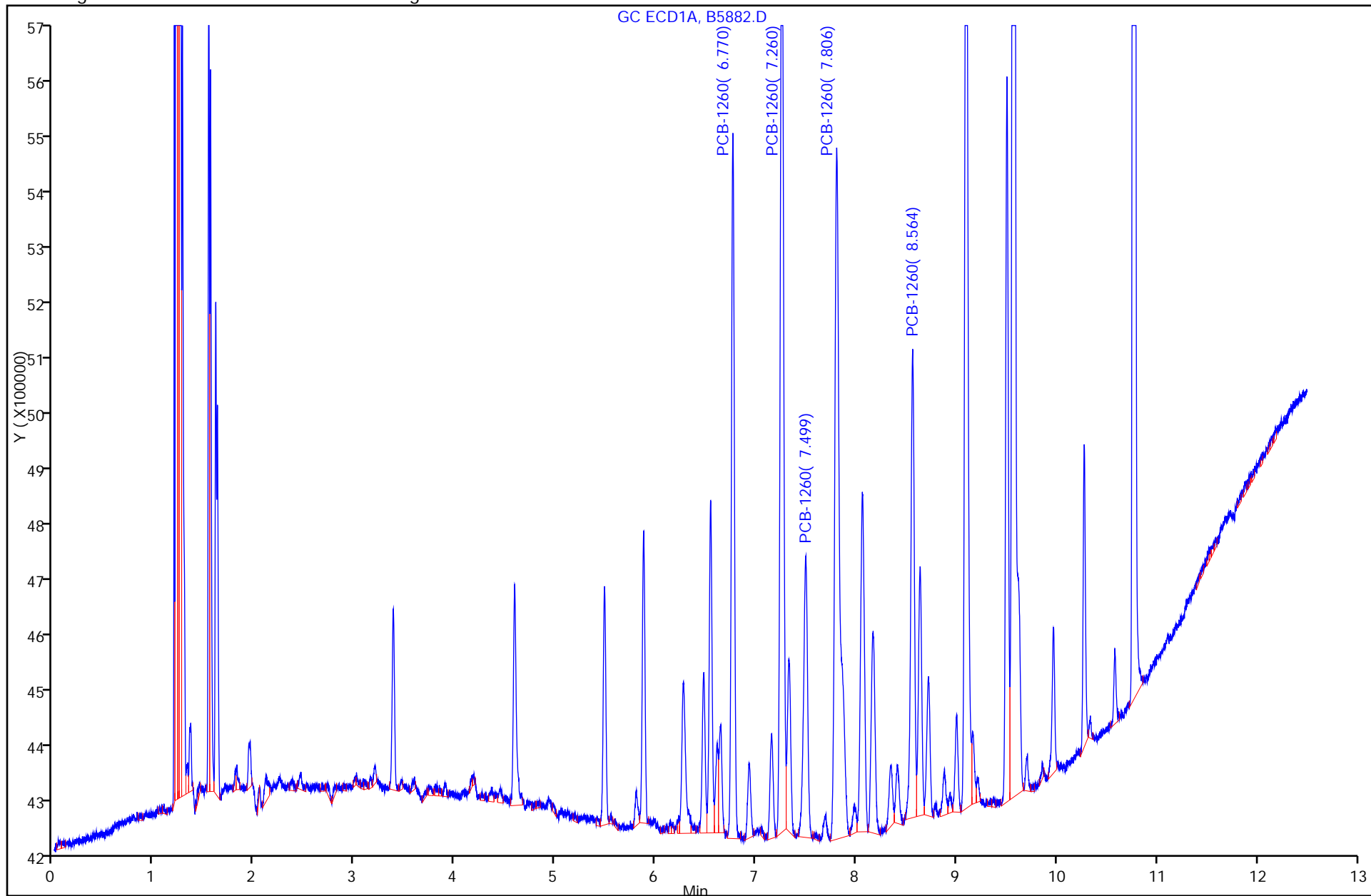
Lims Batch ID: 90710

Lims Sample ID: 21

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.: 510-73055-1 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.: 510-73055-1 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.: 510-73055-1 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.: 510-73055-1 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
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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

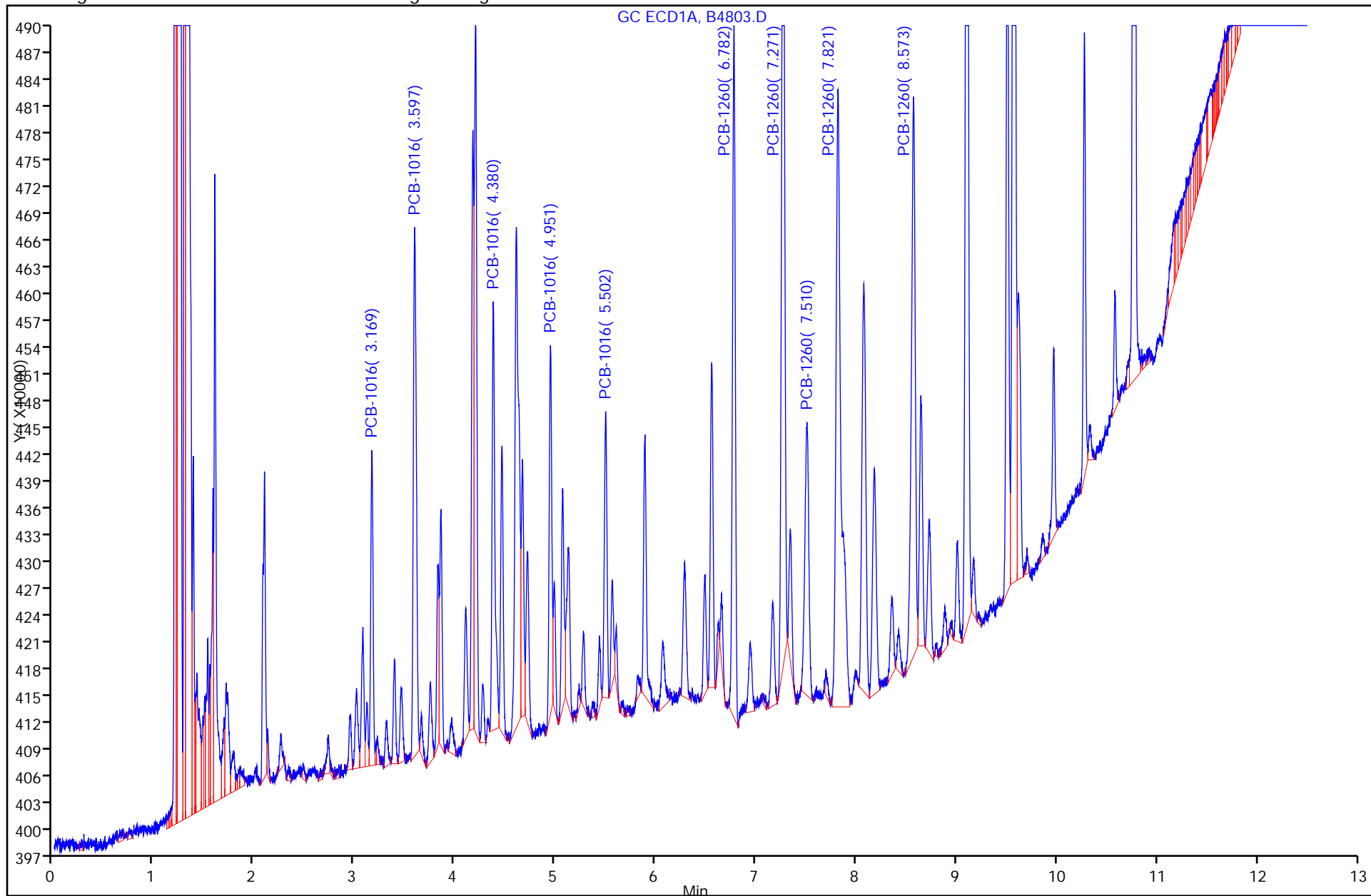
Lims Batch ID: 87982

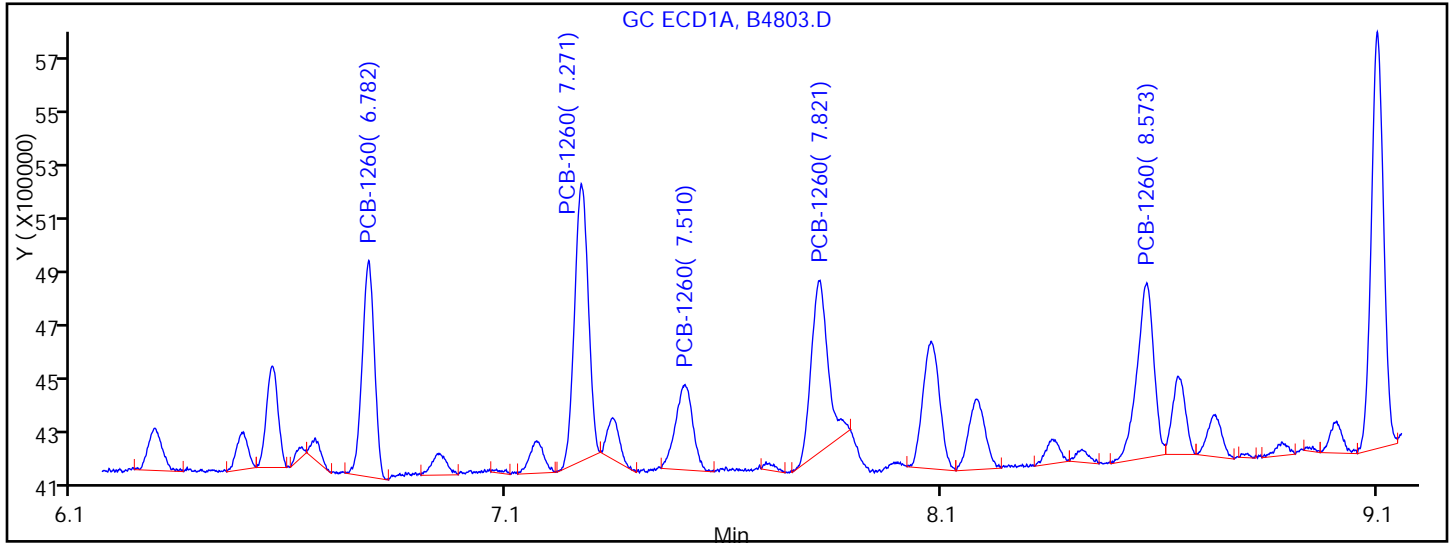
Lims Sample ID: 1

Operator ID:

Injection Vol: 1.00 ul

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

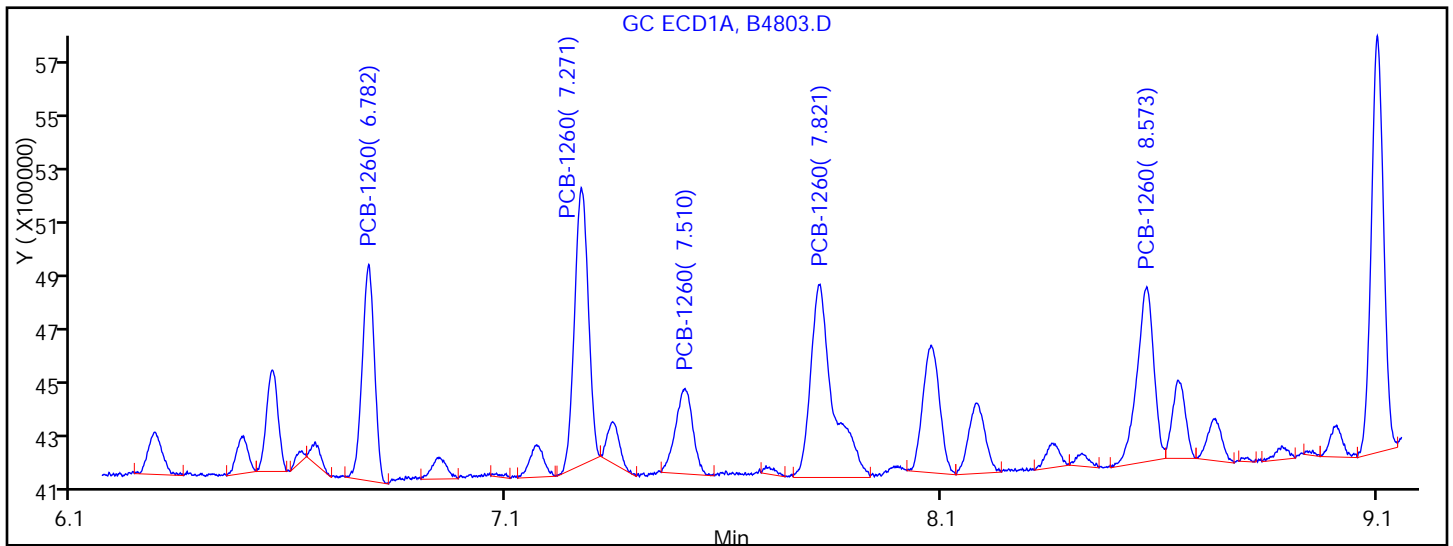




Processing Integration Results

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
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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

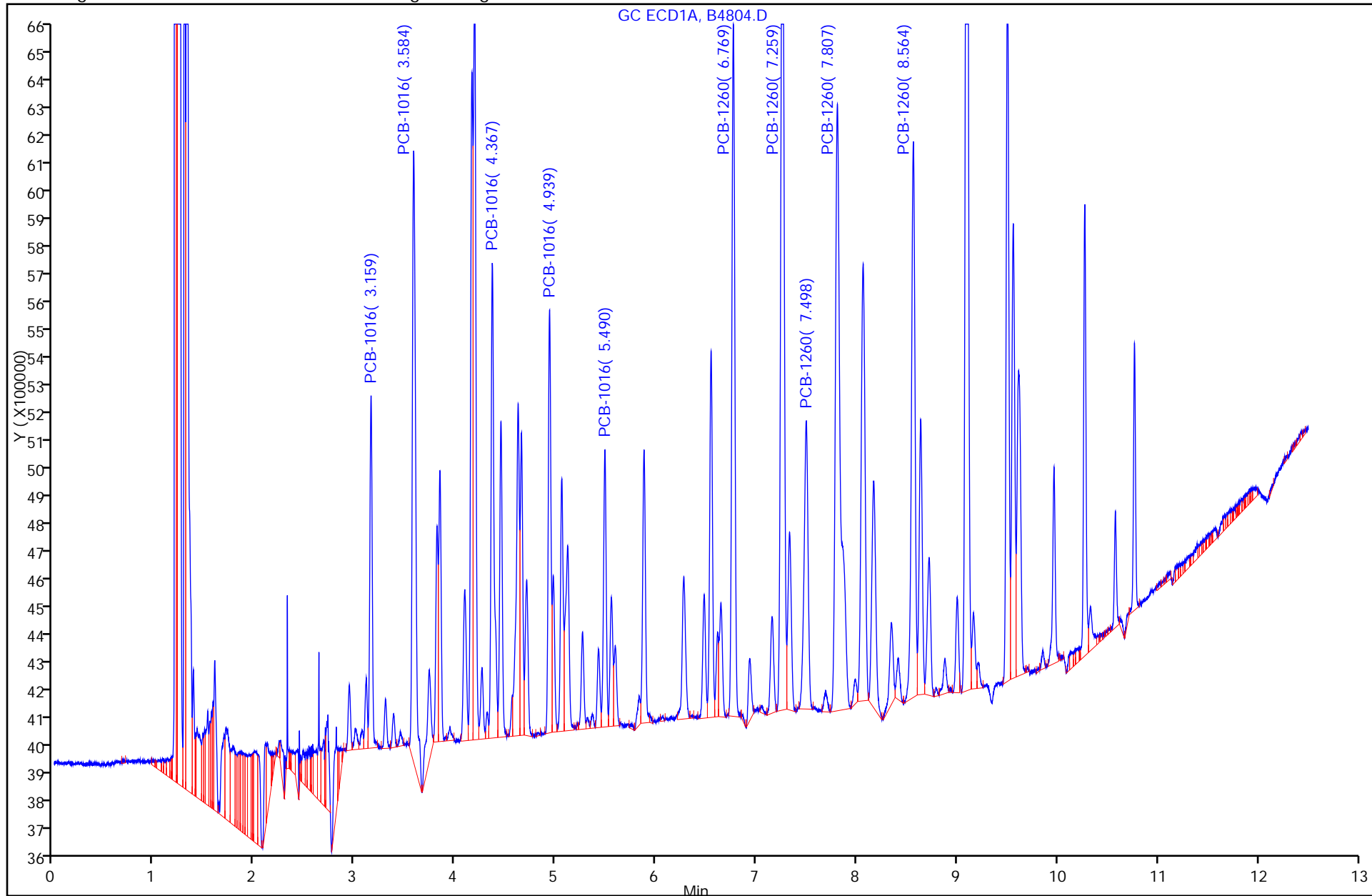
Lims Batch ID: 87982

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
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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
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\$ 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

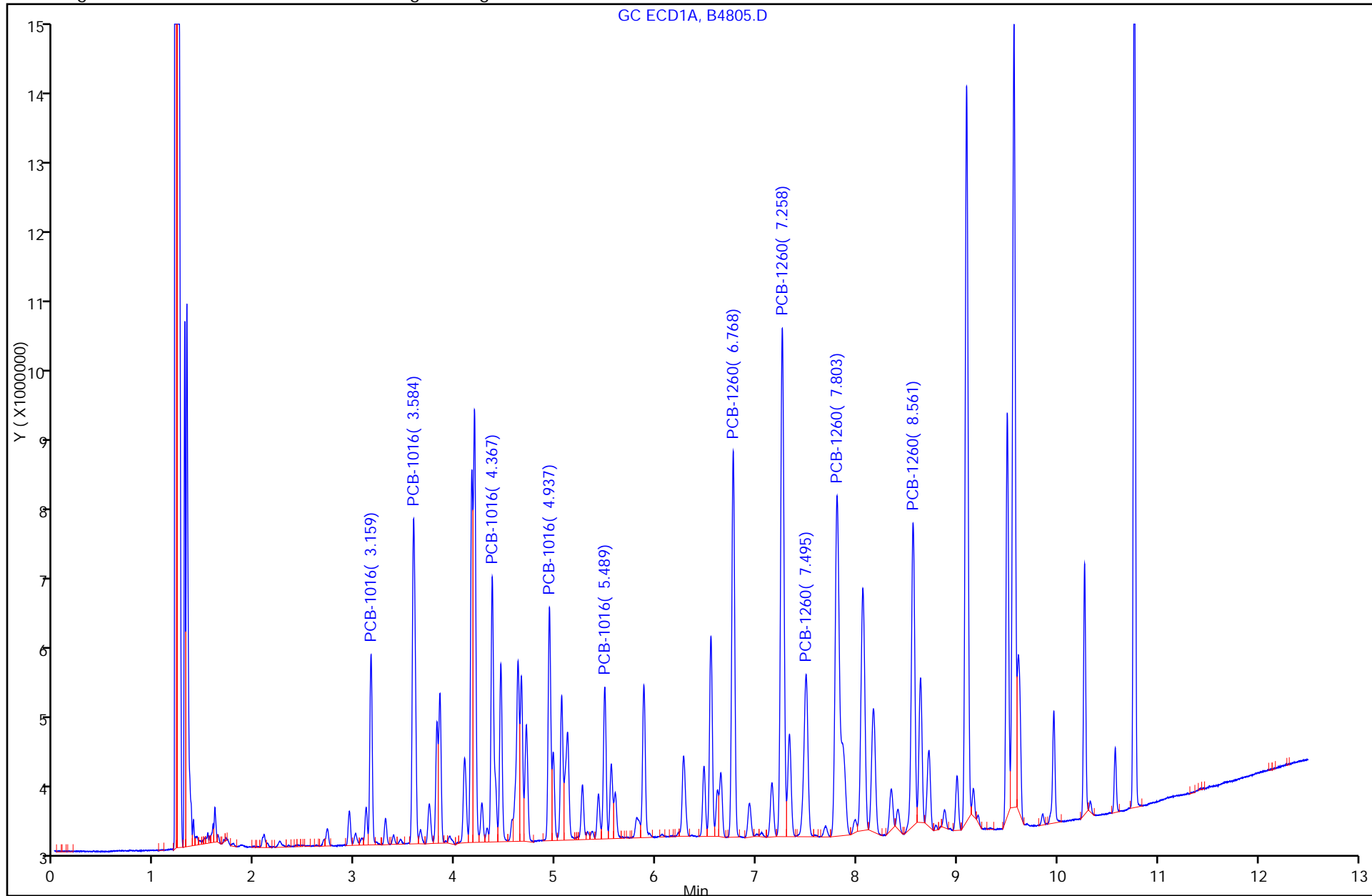
Lims Batch ID: 87982

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
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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
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\$ 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

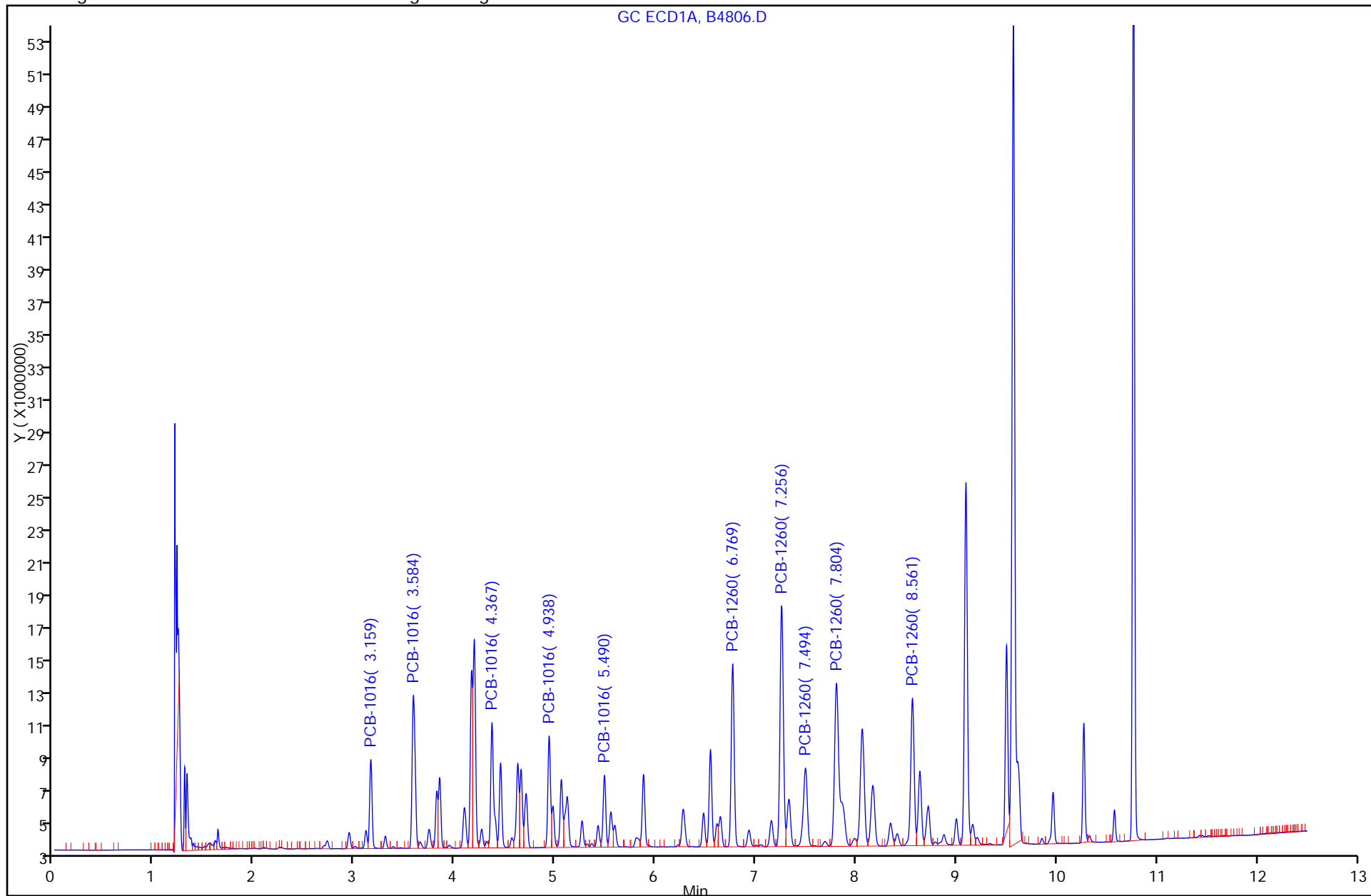
Lims Batch ID: 87982

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

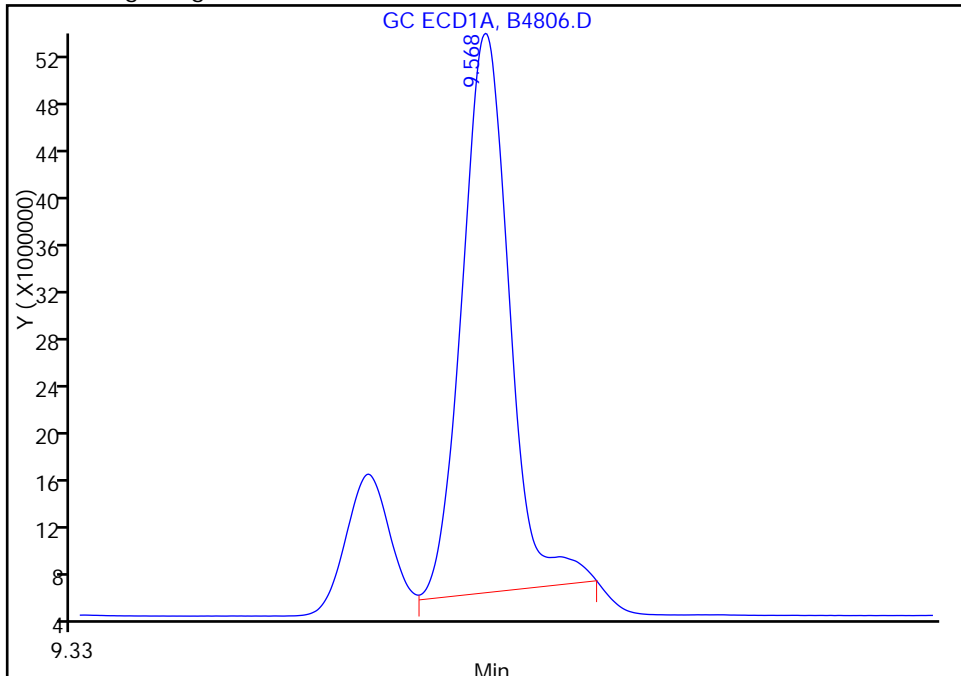
Operator ID:

Injection Vol: 1.00 ul

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

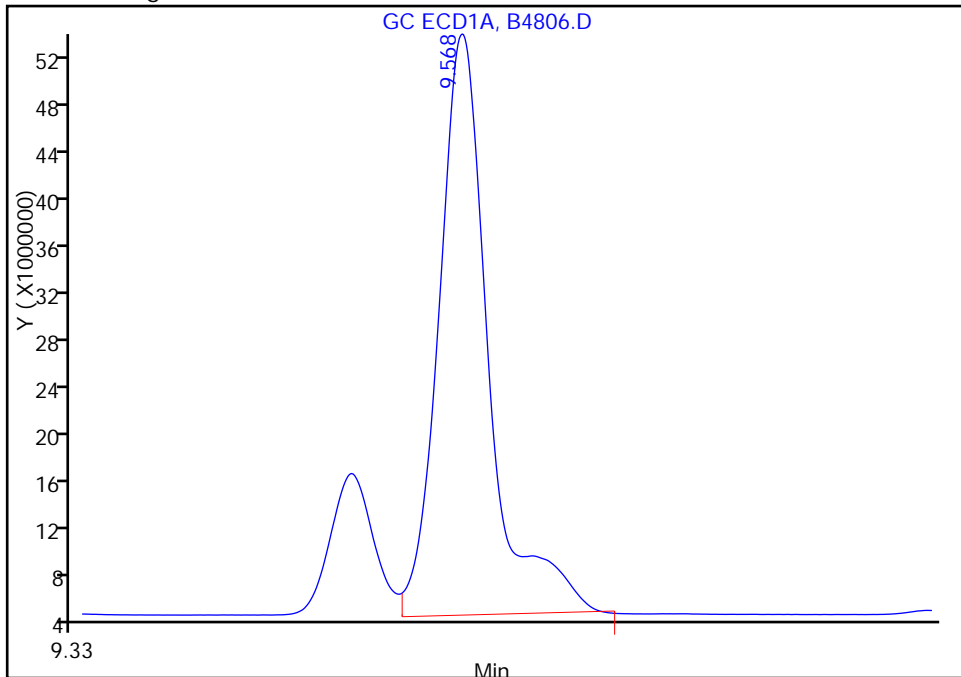
RT: 9.57
Response: 90403804
Amount: 57.696616

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
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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
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\$ 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

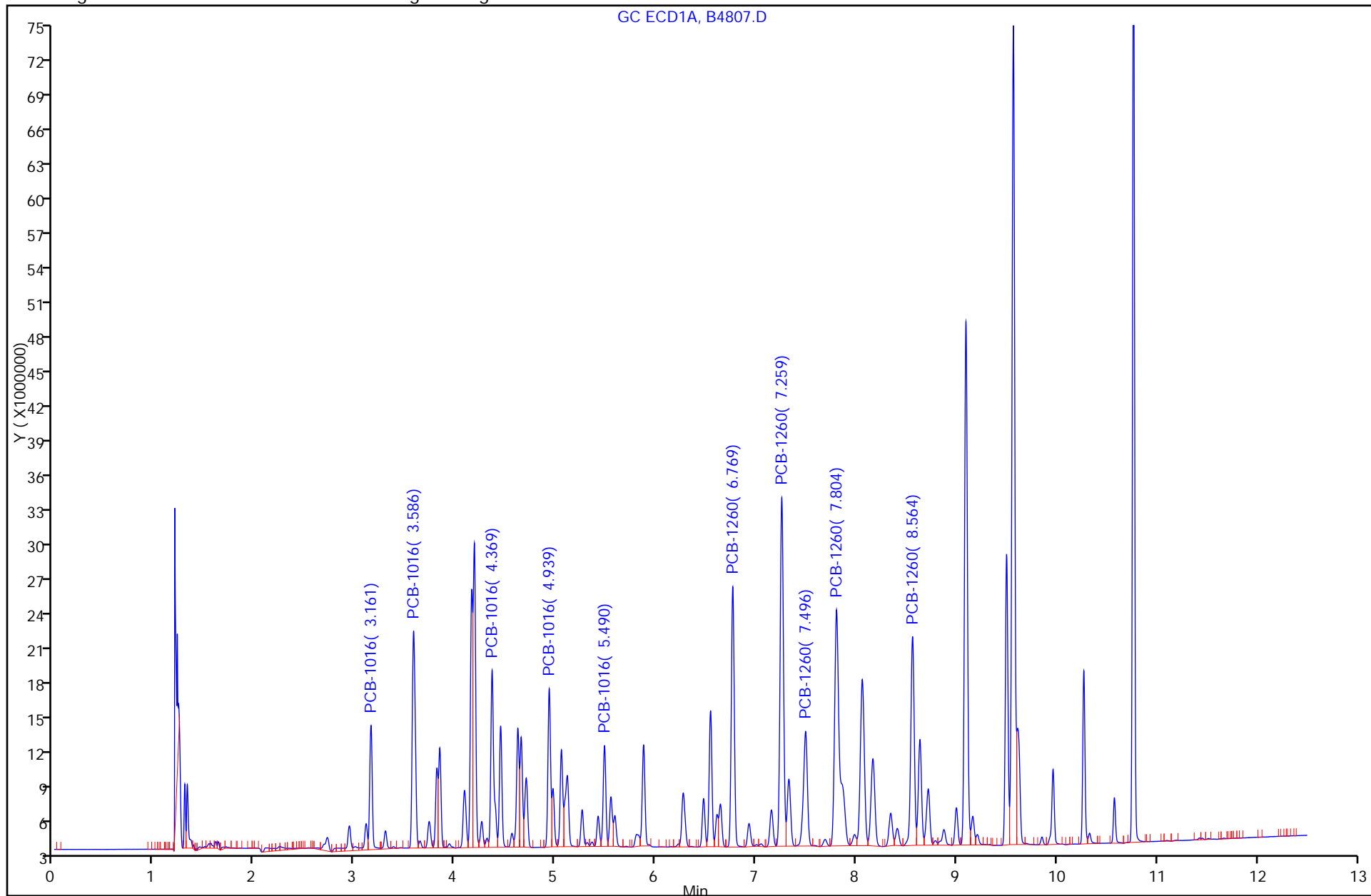
Lims Batch ID: 87982

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
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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
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\$ 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

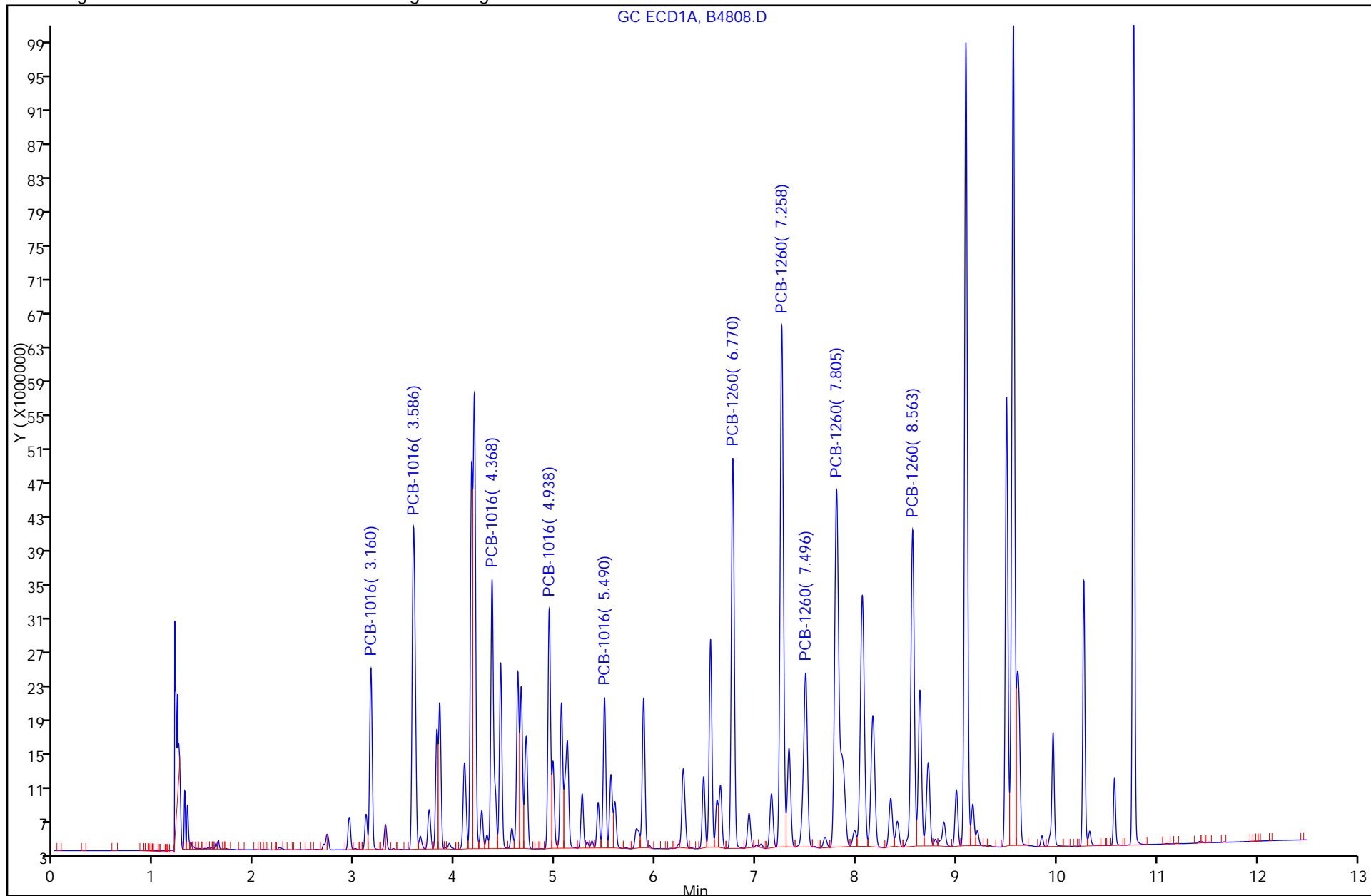
Lims Batch ID: 87982

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
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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
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\$ 3 Dibutylchloroendate

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

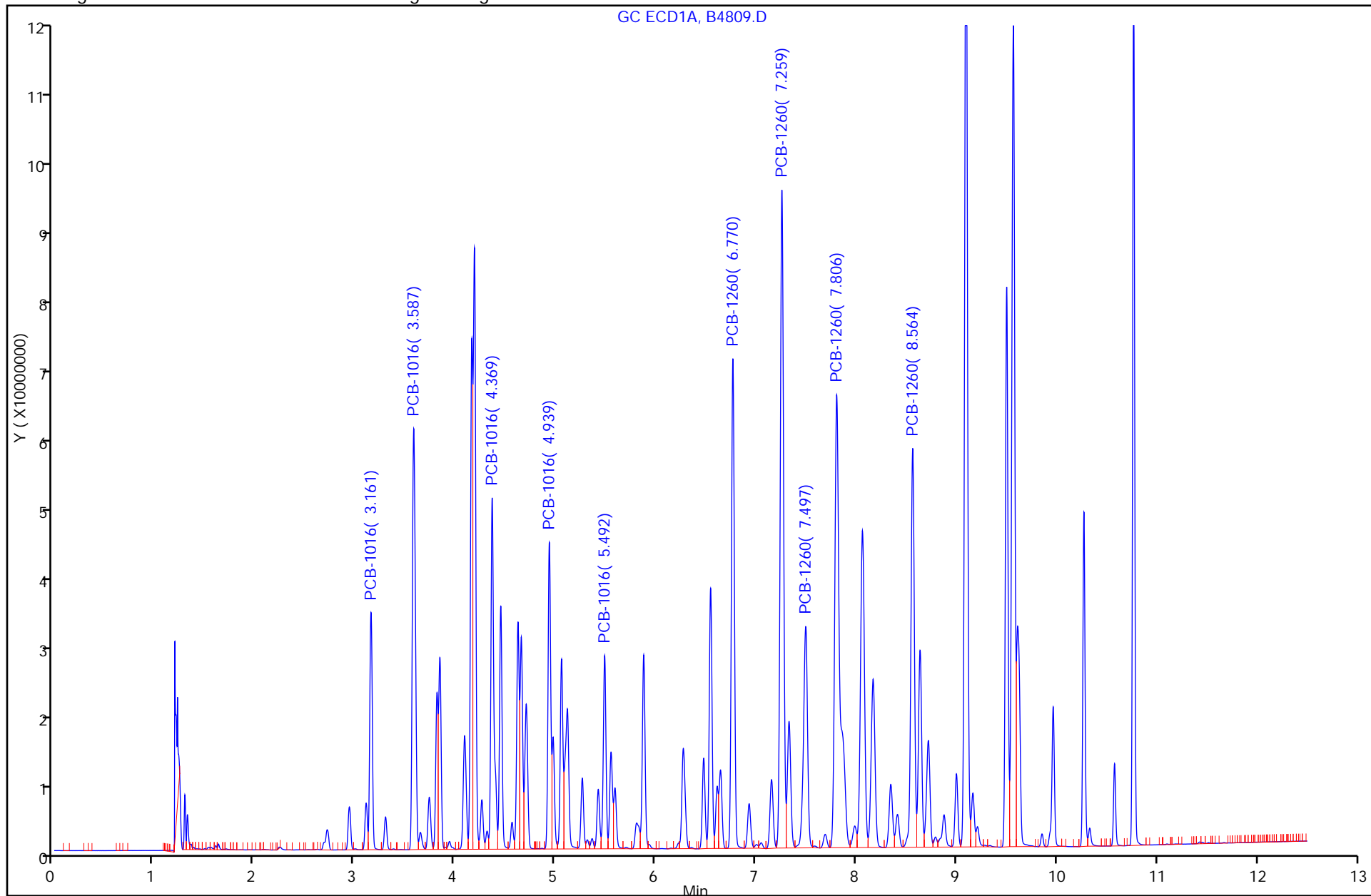
Lims Batch ID: 87982

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
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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
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\$ 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

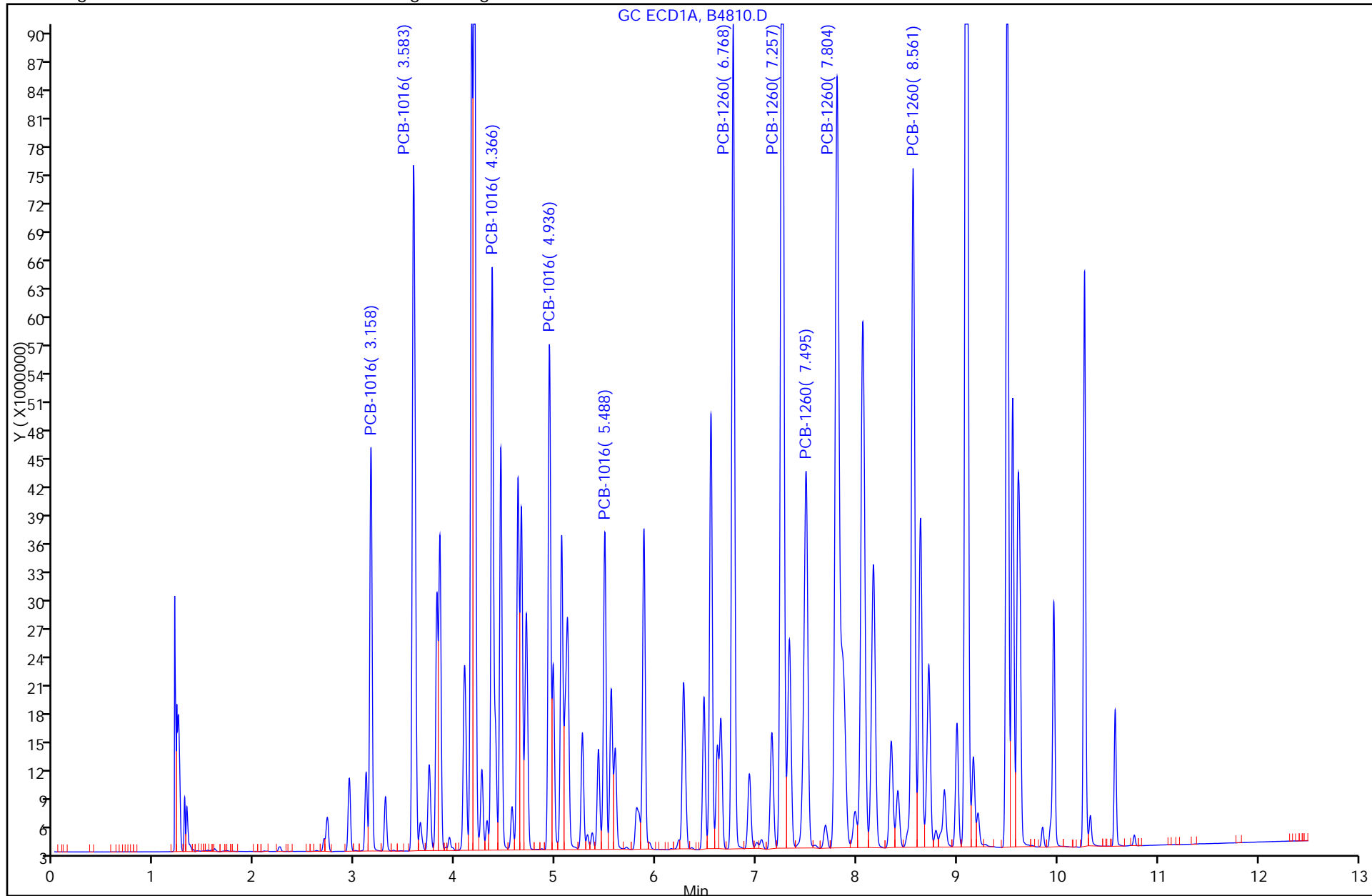
Lims Batch ID: 87982

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
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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
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\$ 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

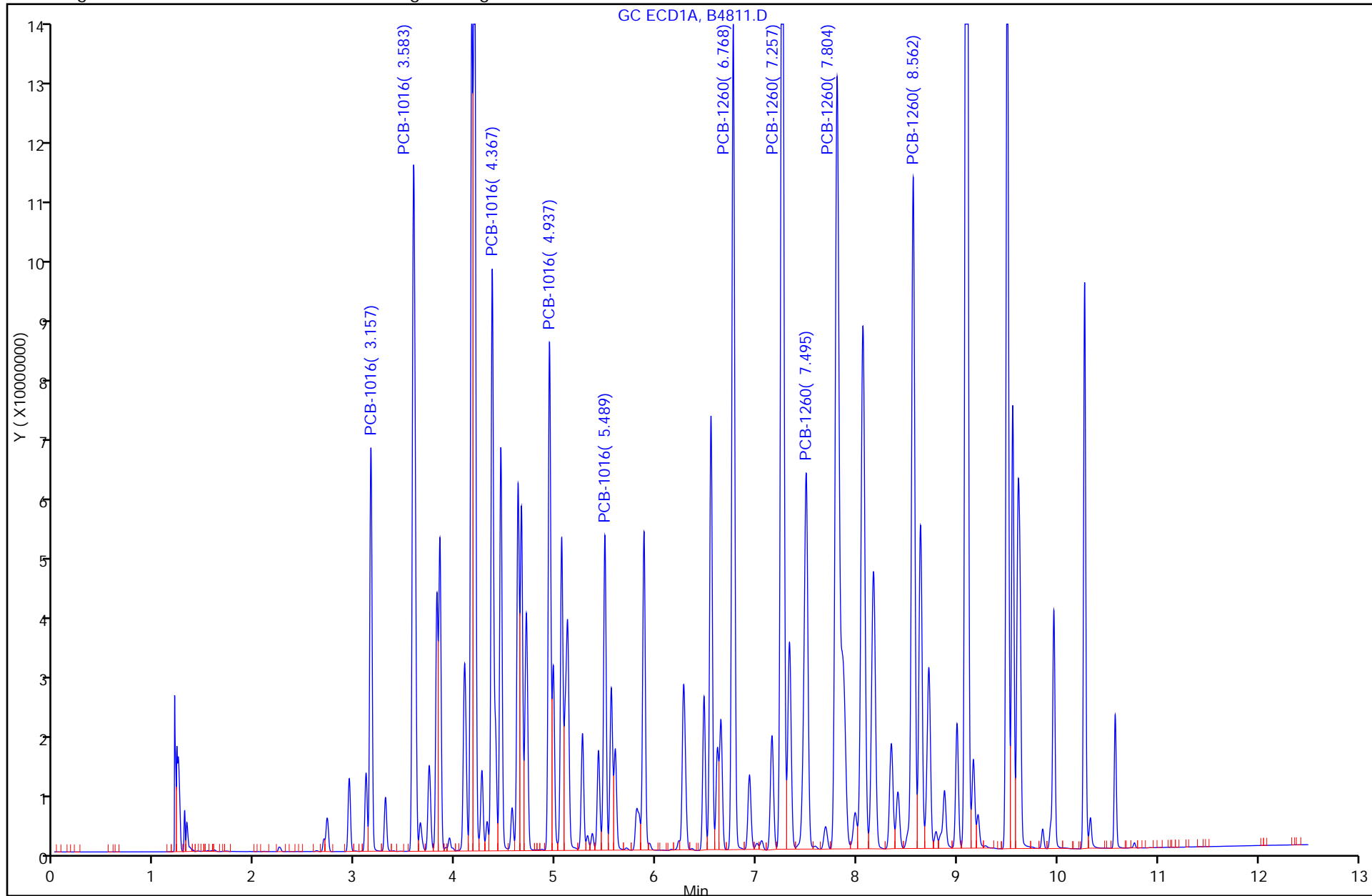
Lims Batch ID: 87982

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.: 510-73055-1 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.: 510-73055-1 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.: 510-73055-1 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

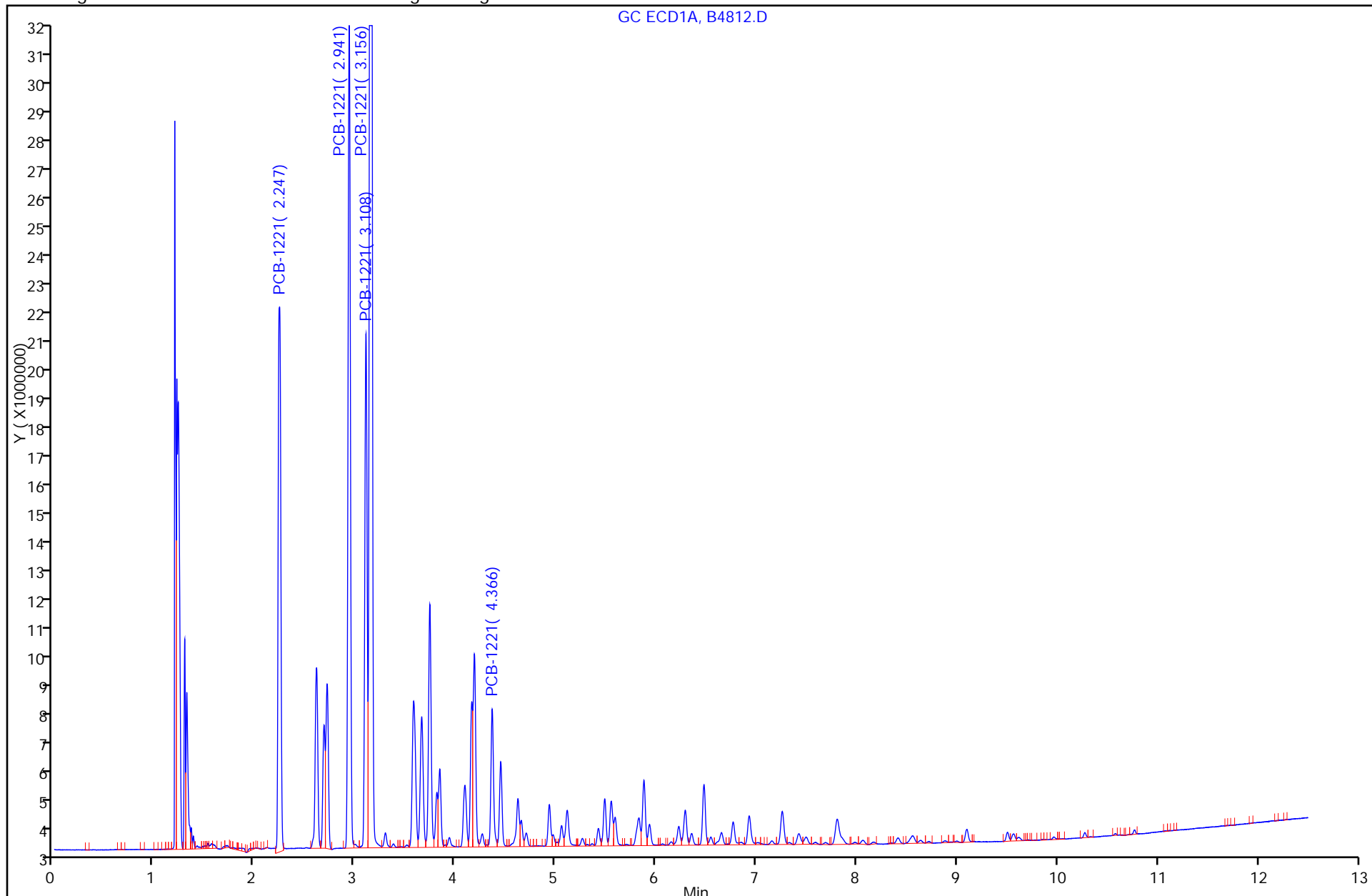
Lims Batch ID: 87982

Lims Sample ID: 10

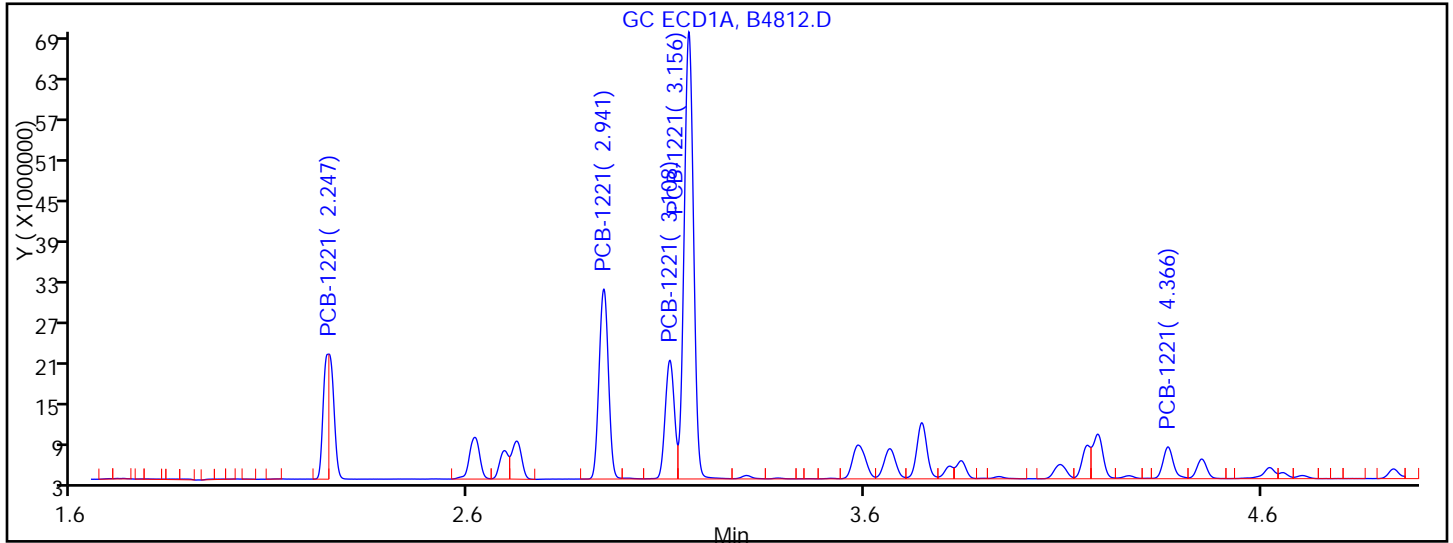
Operator ID:

Injection Vol: 1.00 ul

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

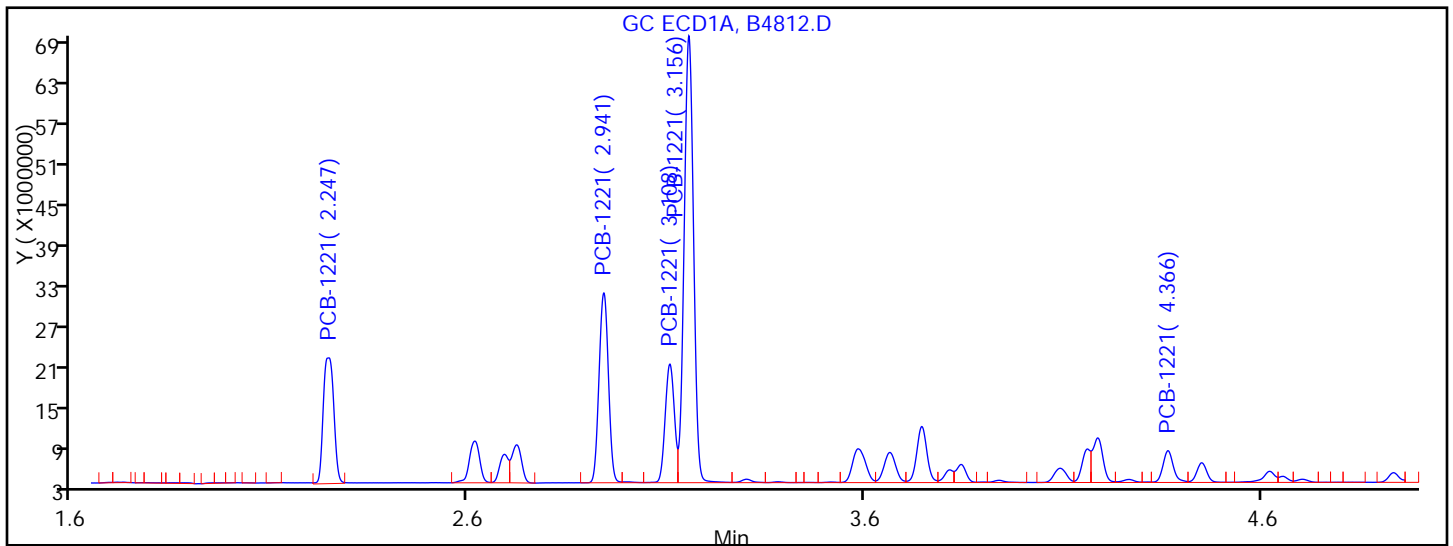


5 PCB-1221, Detector: 1, GC ECD1A



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.: 510-73055-1 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.: 510-73055-1 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.: 510-73055-1 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

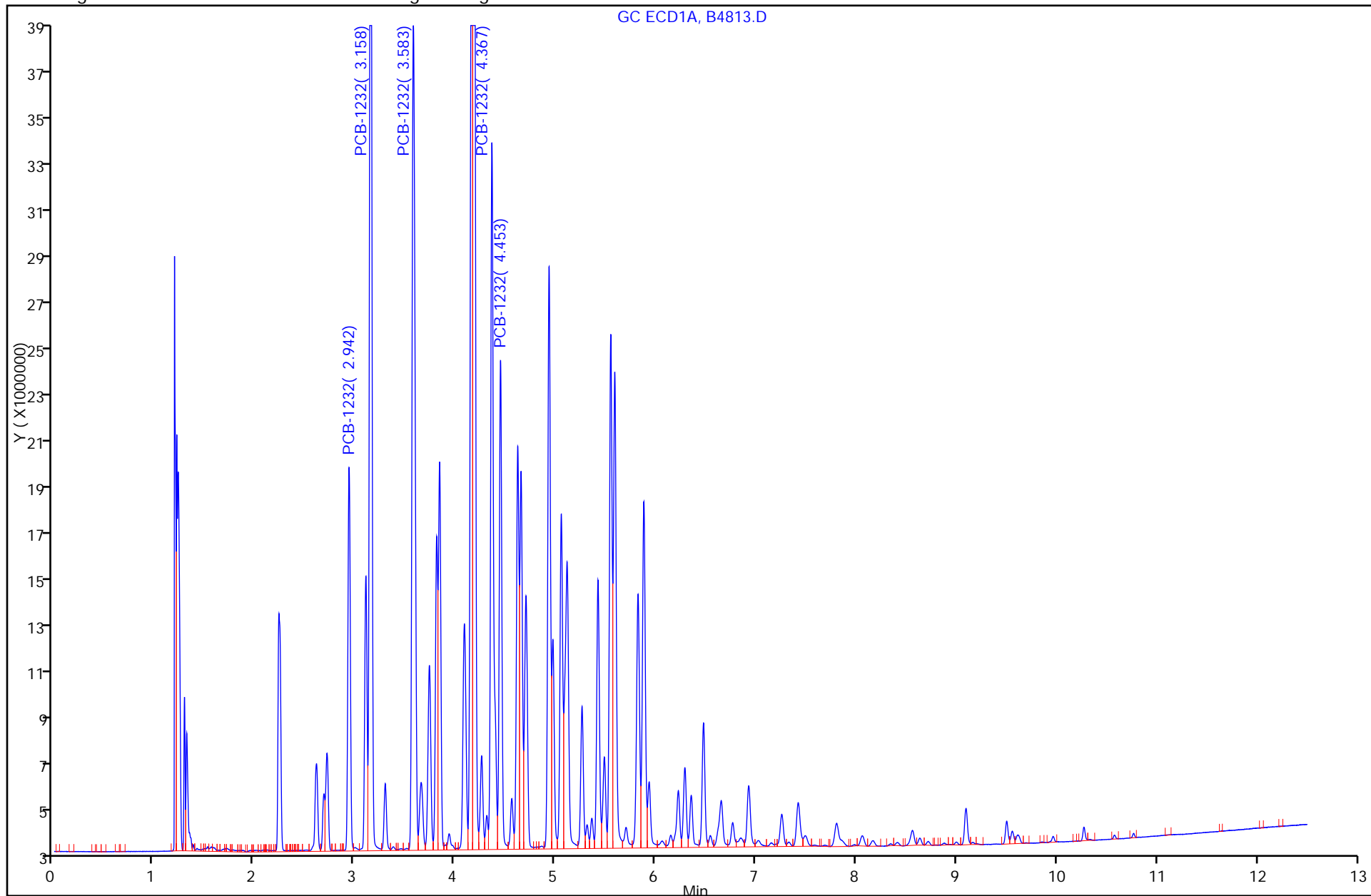
Lims Batch ID: 87982

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.: 510-73055-1 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.: 510-73055-1 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.: 510-73055-1 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

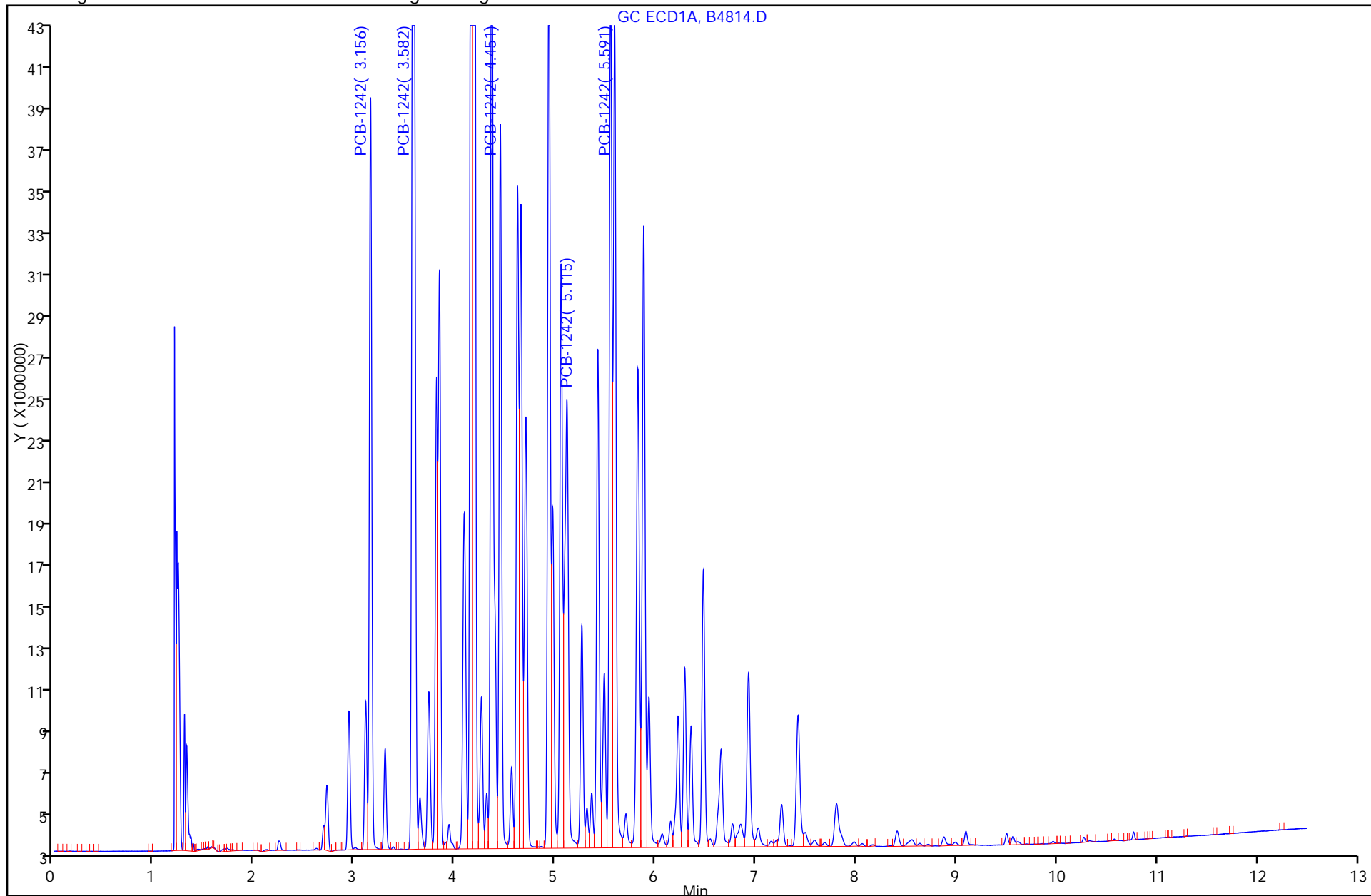
Lims Batch ID: 87982

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.: 510-73055-1 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.: 510-73055-1 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.: 510-73055-1 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

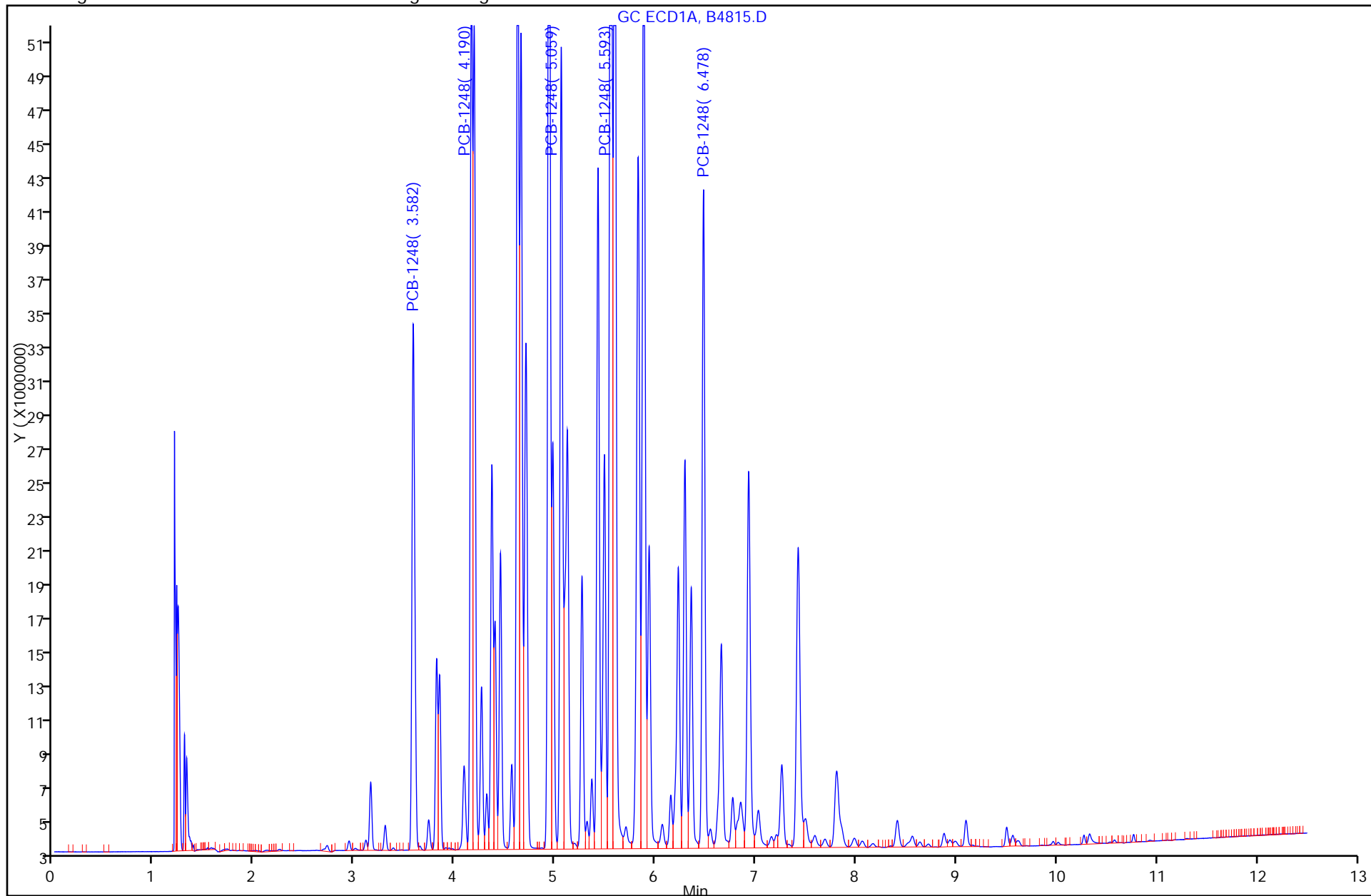
Lims Batch ID: 87982

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.: 510-73055-1 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.: 510-73055-1 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.: 510-73055-1 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

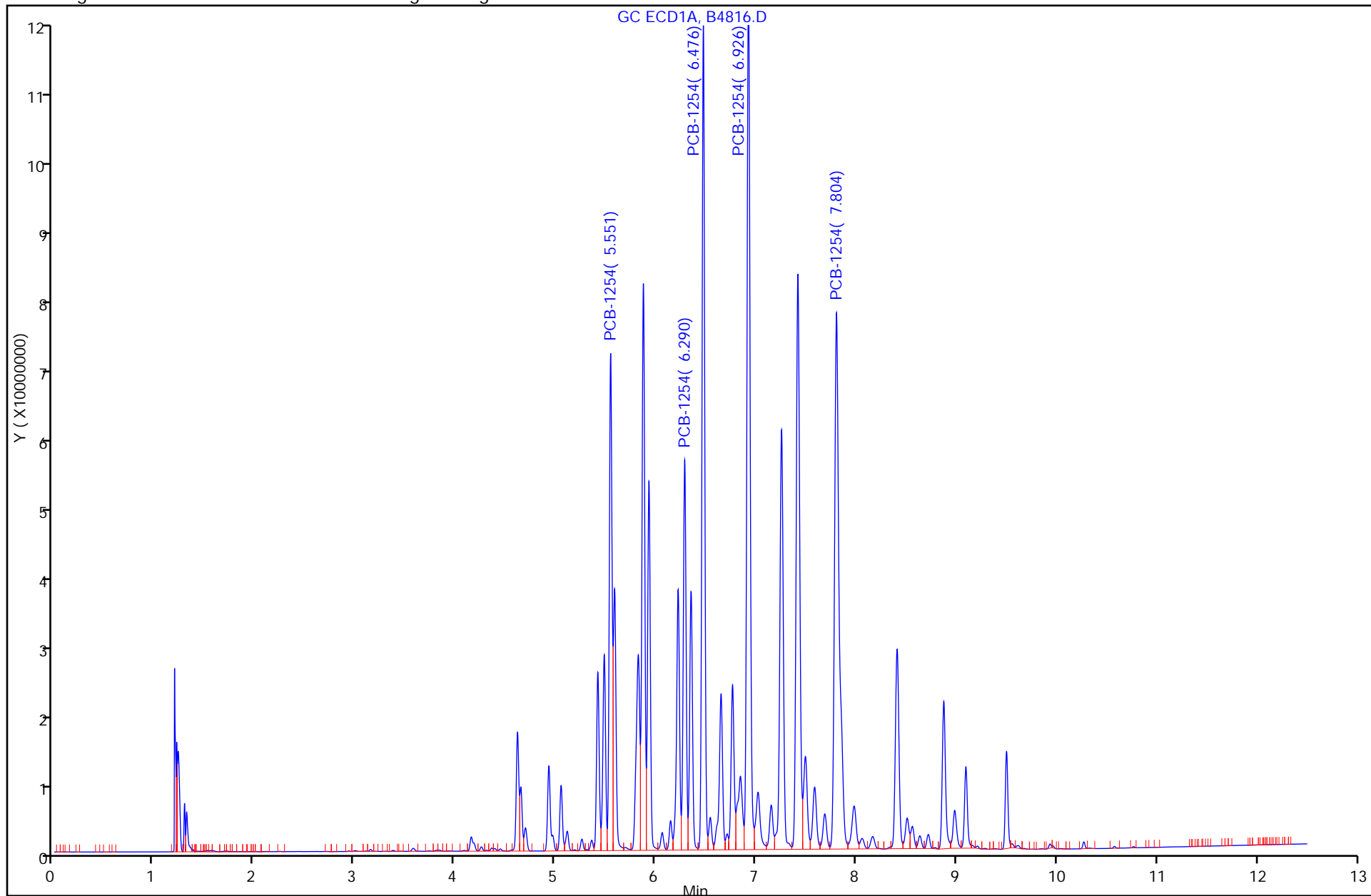
Lims Batch ID: 87982

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.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90710/1 Calibration Date: 12/07/2011 12:43
 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: B5862.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		36108		1490	1500	-1.0	15.0
PCB-1016 Peak 2	Qua2		77493		1470	1500	-2.0	15.0
PCB-1016 Peak 3	Qua2		63045		1490	1500	-0.4	15.0
PCB-1016 Peak 4	Qua2		49178		1490	1500	-1.0	15.0
PCB-1016 Peak 5	Qua2		31209		1490	1500	-0.8	15.0
PCB-1260 Peak 1	Qua2		89366		1490	1500	-0.7	15.0
PCB-1260 Peak 2	Qua2		136097		1500	1500	0.2	15.0
PCB-1260 Peak 3	Qua2		55450		1530	1500	2.1	15.0
PCB-1260 Peak 4	Qua2		143069		1520	1500	1.5	15.0
PCB-1260 Peak 5	Qua2		85444		1520	1500	1.6	15.0
Dibutylchloredate	Qua2		2012202		106	100	6.3	15.0
DCB Decachlorobiphenyl	Qua2		1511930		107	100	7.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90710/1 Calibration Date: 12/07/2011 12:43
 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: B5862.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\20111207-6033.b\B5862.D
 Lims ID: ccv1500 Client ID:
 Inject. Date: 07-Dec-2011 12:43:39 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: 90710 Lims Sample ID: 1
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:06:57 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: 07-Dec-2011 13:06:57

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.159	3.159	0.000	54162208	1485.5		100.0	
1	2	3.584	3.584	0.000	116240075	1470.1	186.9- 246.9	214.6	
1	3	4.367	4.367	0.000	94567674	1493.7	143.8- 203.8	174.6	
1	4	4.937	4.937	0.000	73766986	1485.3	106.7- 166.7	136.2	
1	5	5.489	5.489	0.000	46812811	1488.6	55.8- 115.8	86.4	
Average of Peak Amounts =						1484.6			
2	6	3.699	3.699	0.000	31322245	1308.9		100.0	
2	7	4.271	4.271	0.000	68299627	1304.0	189.6- 249.6	218.1	
2	8	5.155	5.155	0.000	53542512	1314.0	138.6- 198.6	170.9	
2	9	5.587	5.587	0.000	24944038	1332.4	49.7- 109.7	79.6	
2	10	5.879	5.879	0.000	43510562	1325.9	108.1- 168.1	138.9	
Average of Peak Amounts =						1317.0			

RPD = 11.96

11 PCB-1260

1	1	6.770	6.770	0.000	134048269	1490.2		100.0	
1	2	7.259	7.259	0.000	204145909	1502.3	119.7- 179.7	152.3	
1	3	7.495	7.495	0.000	83175597	1531.1	29.6- 89.6	62.0	
1	4	7.805	7.805	0.000	214602899	1522.3	126.4- 186.4	160.1	
1	5	8.563	8.563	0.000	128166359	1524.5	64.1- 124.1	95.6	
Average of Peak Amounts =						1514.1			
2	6	7.836	7.836	0.000	42043545	1329.3		100.0	
2	7	8.205	8.205	0.000	83842063	1346.2	163.4- 223.4	199.4	
2	8	8.635	8.635	0.000	105121159	1384.7	201.9- 261.9	250.0	
2	9	9.354	9.354	0.000	83072684	1474.8	146.4- 206.4	197.6	
2	10	9.744	9.744	0.000	86232204	1439.2	153.8- 213.8	205.1	
Average of Peak Amounts =						1394.9			

RPD = 8.20

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5862.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.568	9.568	0.000	201220192	106.3			
2	2	10.259	10.259	0.000	78942559	93.1			
							RPD = 13.31		

\$ 2 DCB Decachlorobiphenyl

1	1	10.769	10.769	0.000	151193030	107.1			
2	2	11.579	11.579	0.000	100419337	105.3			
							RPD = 1.75		

Report Date: 07-Dec-2011 13:06:57

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5862.D

Injection Date: 07-Dec-2011 12:43:39

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

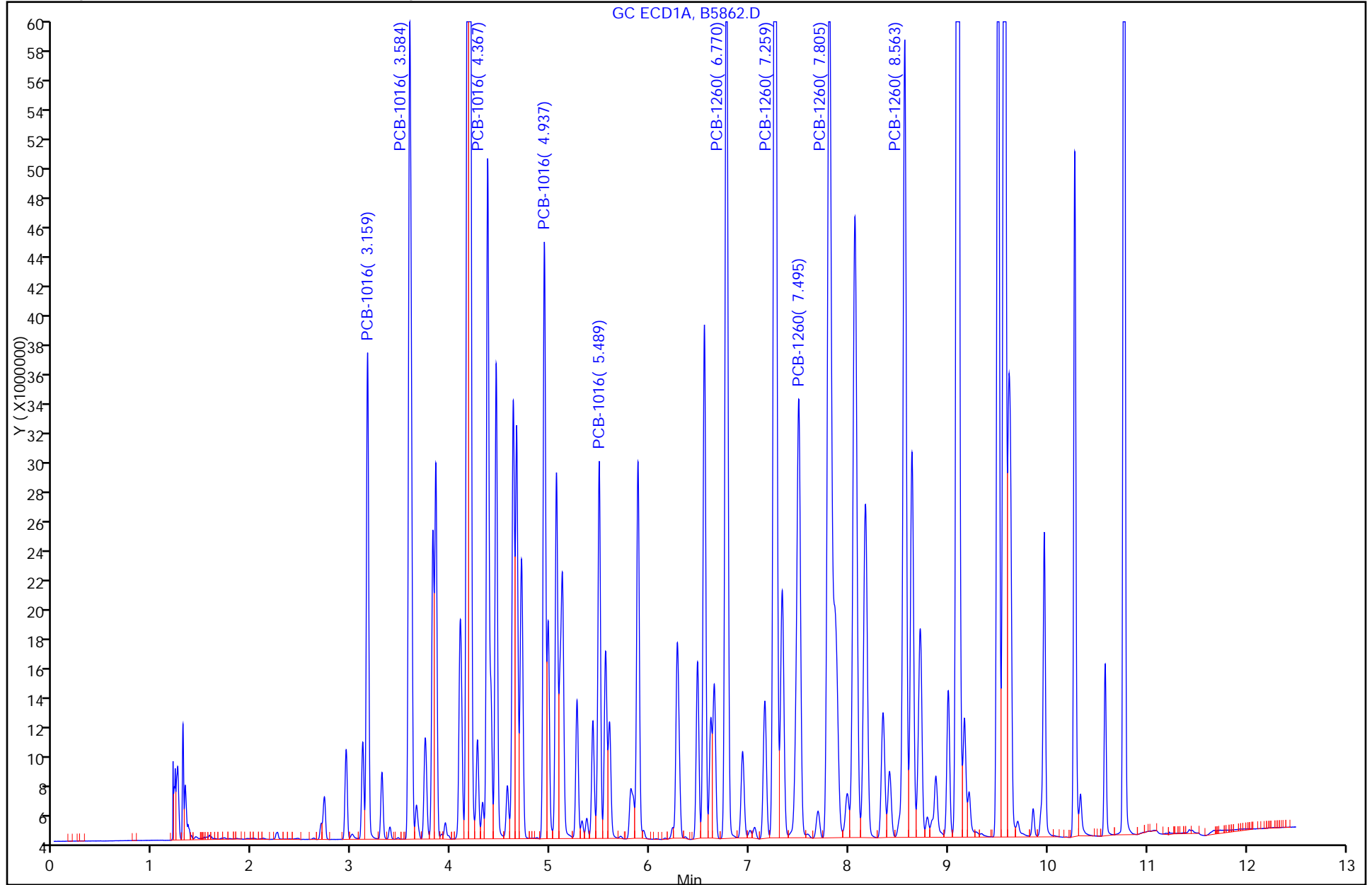
Lims Batch ID: 90710

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.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1242 510-90710/2 Calibration Date: 12/07/2011 12:59
 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: B5863.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	31467		2110	2000	5.7	15.0
PCB-1242 Peak 2	Ave	63473	66925		2110	2000	5.4	15.0
PCB-1242 Peak 3	Ave	30091	31782		2110	2000	5.6	15.0
PCB-1242 Peak 4	Ave	27726	29288		2110	2000	5.6	15.0
PCB-1242 Peak 5	Ave	37871	39201		2070	2000	3.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1242 510-90710/2 Calibration Date: 12/07/2011 12:59
 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: B5863.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\20111207-6033.b\B5863.D
 Lims ID: ccv1242 Client ID:
 Inject. Date: 07-Dec-2011 12:59:01 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: 90710 Lims Sample ID: 2
 Sublist: chrom-PCBS*sub4
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:48:02 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: 07-Dec-2011 13:48:02

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	62934705	2114.0		100.0		
1	2	3.584	3.584	0.000	133849393	2108.8	0.0- 30.0	212.7		
1	3	4.453	4.453	0.000	63564178	2112.4	0.0- 30.0	101.0		
1	4	5.117	5.117	0.000	58576803	2112.7	0.0- 30.0	93.1		
1	5	5.593	5.593	0.000	78401004	2070.2	0.0- 30.0	124.6		
		Average of Peak Amounts =				2103.6				
2	6	3.699	3.699	0.000	36114051	1882.3		100.0		
2	7	4.271	4.271	0.000	78267106	1877.9	0.0- 30.0	216.7		
2	8	5.155	5.155	0.000	60532676	1896.0	0.0- 30.0	167.6		
2	9	6.548	6.548	0.000	57739470	1933.5	0.0- 30.0	159.9		
2	10	6.936	6.936	0.000	57254043	1933.1	0.0- 30.0	158.5		
		Average of Peak Amounts =				1904.5				
						RPD = 9.93				

Report Date: 07-Dec-2011 13:48:02

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5863.D

Injection Date: 07-Dec-2011 12:59:01

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

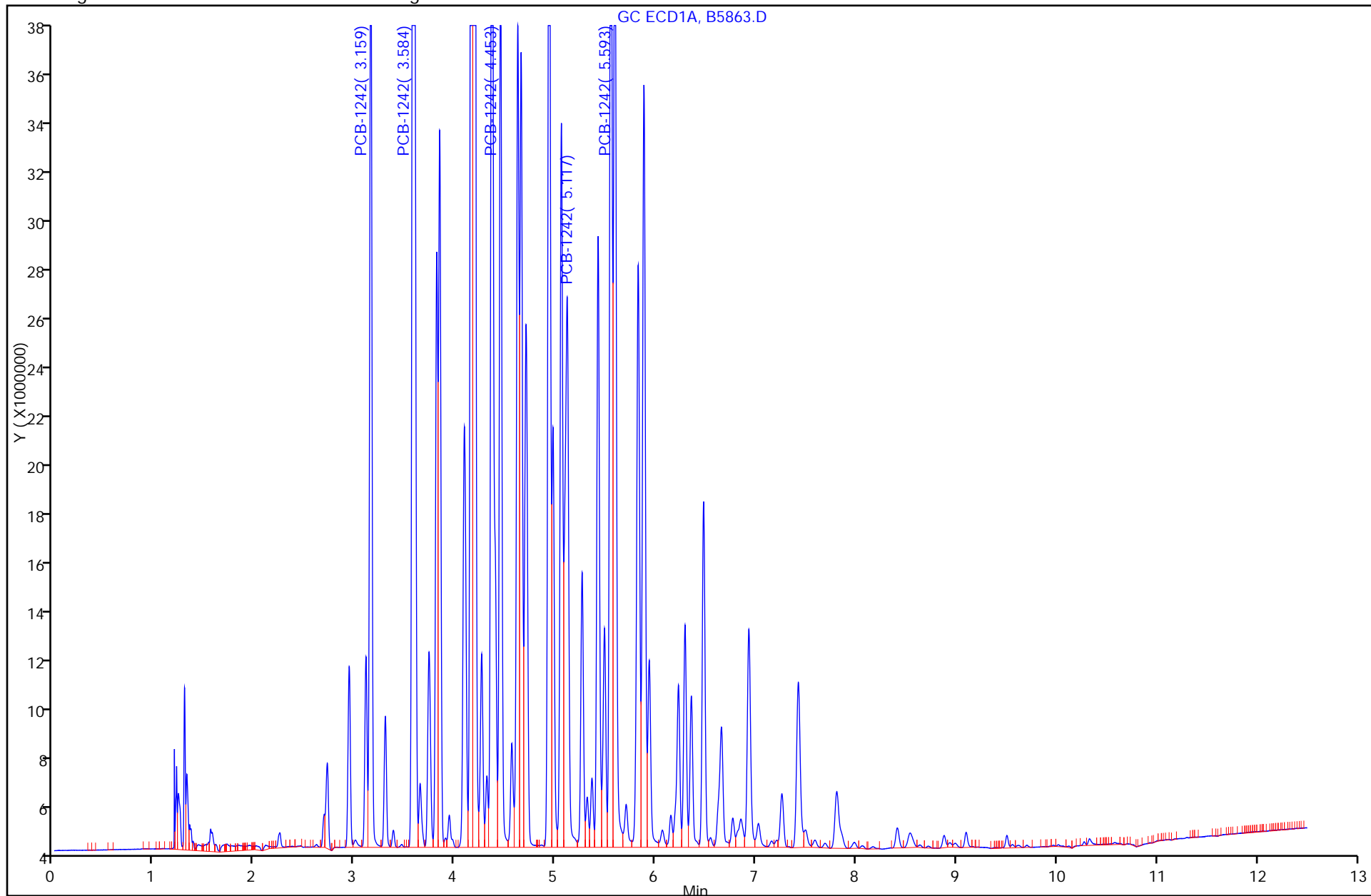
Lims Batch ID: 90710

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.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1248 510-90710/3 Calibration Date: 12/07/2011 13:14
 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: B5864.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	33085		2220	2000	10.8	15.0
PCB-1248 Peak 2	Ave	37405	40935		2190	2000	9.4	15.0
PCB-1248 Peak 3	Ave	43382	47824		2200	2000	10.2	15.0
PCB-1248 Peak 4	Ave	62322	67373		2160	2000	8.1	15.0
PCB-1248 Peak 5	Ave	36301	40200		2210	2000	10.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1248 510-90710/3 Calibration Date: 12/07/2011 13:14
 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: B5864.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\20111207-6033.b\B5864.D
 Lims ID: ccv1248 Client ID:
 Inject. Date: 07-Dec-2011 13:14:21 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: 90710 Lims Sample ID: 3
 Sublist: chrom-PCBS*sub5
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:48:14 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: 07-Dec-2011 13:48:14

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	66169146	2215.5		100.0	
1	2	4.191	4.191	0.000	81870212	2188.8	0.0- 30.0	123.7	
1	3	5.059	5.059	0.000	95647456	2204.8	0.0- 30.0	144.5	
1	4	5.593	5.593	0.000	134746411	2162.1	0.0- 30.0	203.6	
1	5	6.478	6.478	0.000	80400088	2214.8	0.0- 30.0	121.5	
Average of Peak Amounts =						2197.2			
2	6	4.271	4.271	0.000	39003192	1951.6		100.0	
2	7	5.152	5.152	0.000	34285569	1947.6	0.0- 30.0	87.9	
2	8	5.878	5.878	0.000	83938002	1992.8	0.0- 30.0	215.2	
2	9	6.547	6.547	0.000	106392997	2010.9	0.0- 30.0	272.8	
2	10	6.934	6.934	0.000	100728709	2008.9	0.0- 30.0	258.3	
Average of Peak Amounts =						1982.4			
						RPD = 10.28			

Report Date: 07-Dec-2011 13:48:14

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5864.D

Injection Date: 07-Dec-2011 13:14:21

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

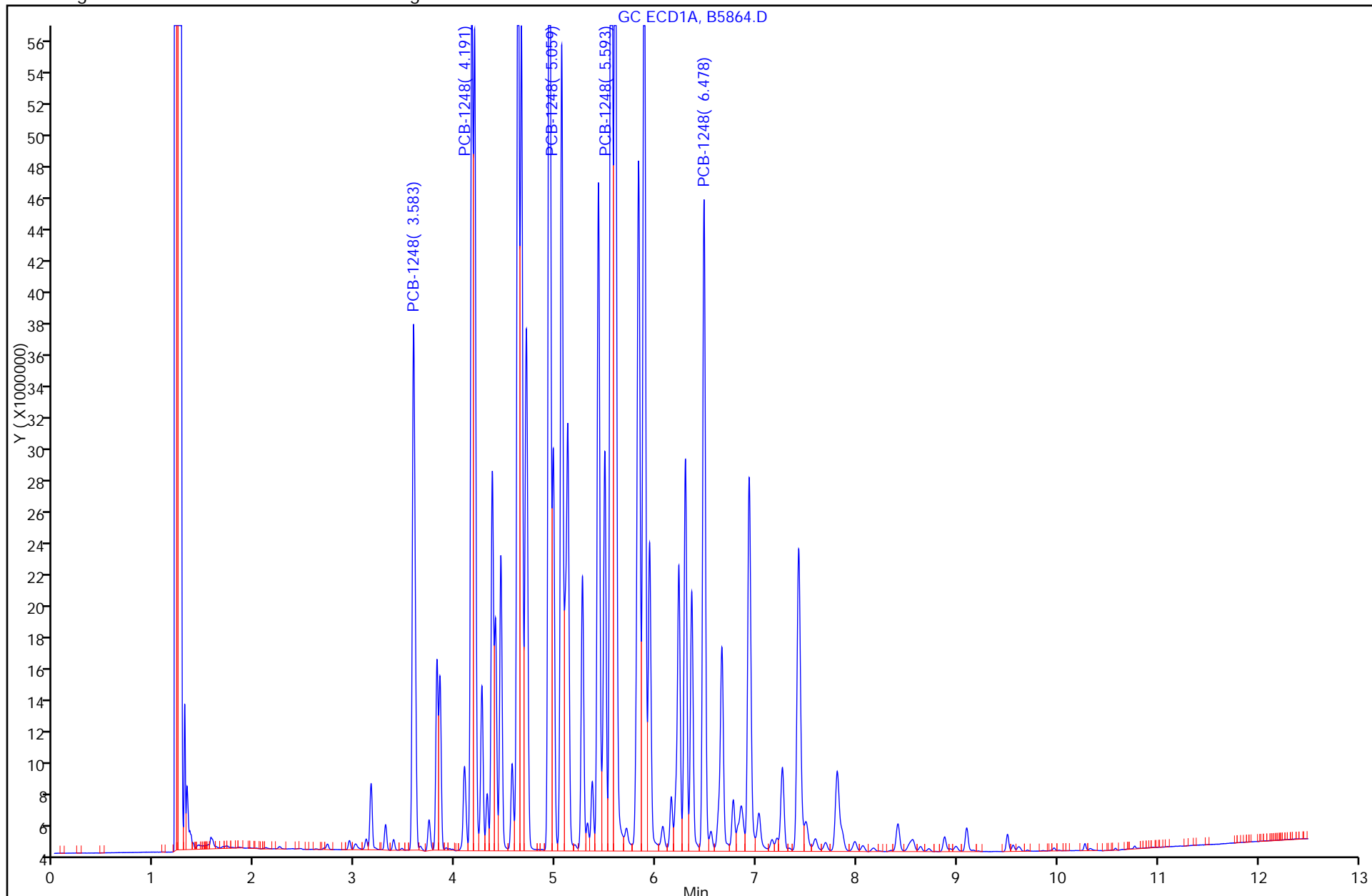
Lims Batch ID: 90710

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.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1254 510-90710/4 Calibration Date: 12/07/2011 13:29
 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: B5865.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	68935		2070	2000	3.4	15.0
PCB-1254 Peak 2	Ave	53163	55751		2100	2000	4.9	15.0
PCB-1254 Peak 3	Ave	107955	112804		2090	2000	4.5	15.0
PCB-1254 Peak 4	Ave	132967	135608		2040	2000	2.0	15.0
PCB-1254 Peak 5	Ave	121496	130243		2140	2000	7.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1254 510-90710/4 Calibration Date: 12/07/2011 13:29
 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: B5865.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	7.80	7.70	7.90

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5865.D
 Lims ID: ccv1254 Client ID:
 Inject. Date: 07-Dec-2011 13:29:25 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: 90710 Lims Sample ID: 4
 Sublist: chrom-PCBS*sub6
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:48:25 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: 07-Dec-2011 13:48:25

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	137870570	2069.0		100.0	
1	2	6.290	6.290	0.000	111502273	2097.4	0.0- 30.0	80.9	
1	3	6.476	6.476	0.000	225608337	2089.8	0.0- 30.0	163.6	
1	4	6.927	6.927	0.000	271216730	2039.7	0.0- 30.0	196.7	
1	5	7.804	7.804	0.000	260485564	2144.0	0.0- 30.0	188.9	
Average of Peak Amounts =						2088.0			
2	6	6.543	6.543	0.000	74684588	1959.7		100.0	
2	7	6.858	6.858	0.000	80581604	1966.3	0.0- 30.0	107.9	
2	8	7.758	7.758	0.000	138000463	1971.8	0.0- 30.0	184.8	
2	9	8.278	8.278	0.000	176735716	1974.2	0.0- 30.0	236.6	
2	10	9.223	9.223	0.000	161573463	2049.8	0.0- 30.0	216.3	
Average of Peak Amounts =						1984.4			
						RPD = 5.09			

Report Date: 07-Dec-2011 13:48:25

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5865.D

Injection Date: 07-Dec-2011 13:29:25

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

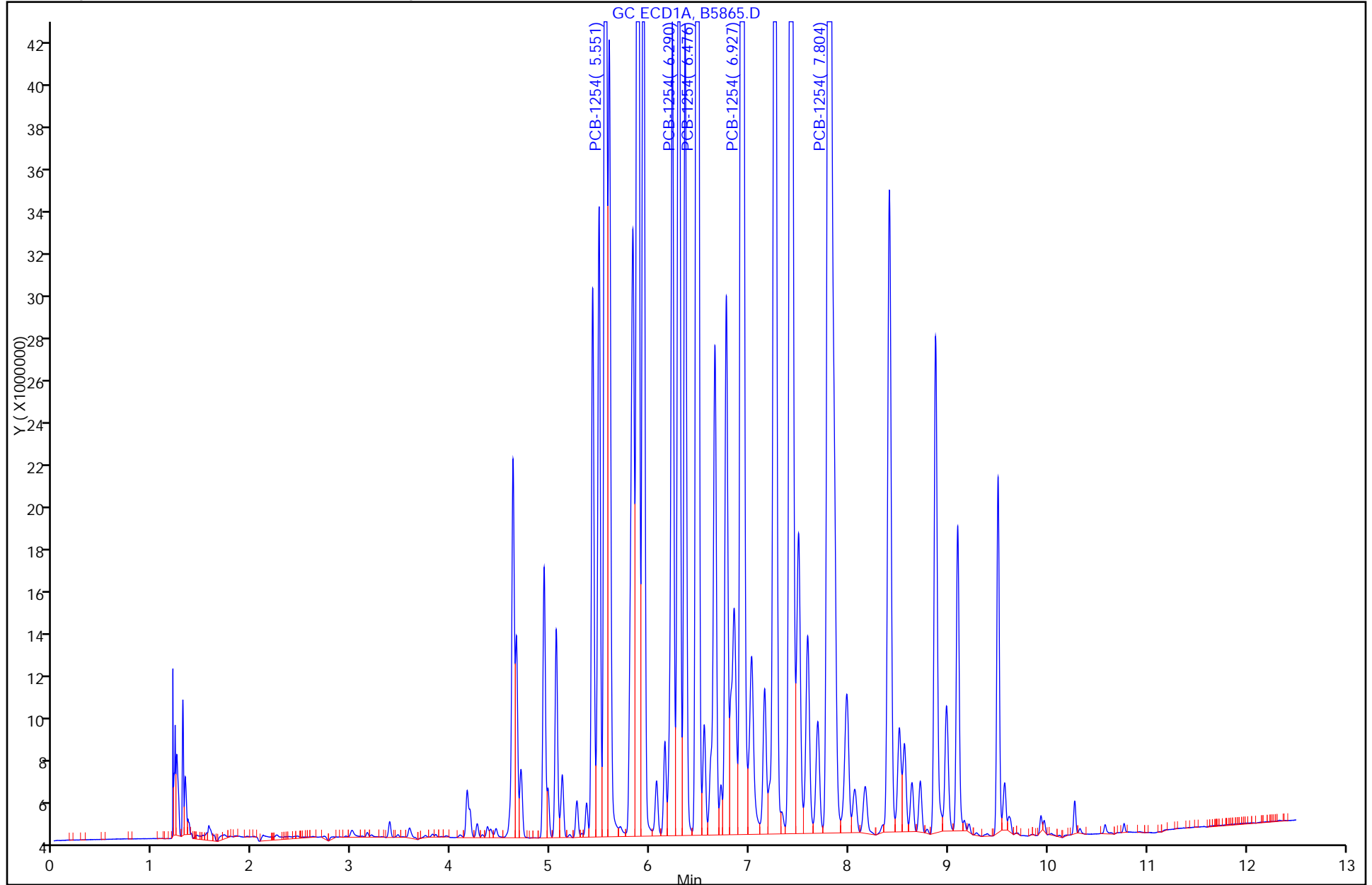
Lims Batch ID: 90710

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.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-90710/12 Calibration Date: 12/07/2011 15:45
 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: B5873.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		40427		1090	1000	9.5	15.0
PCB-1016 Peak 2	Qua2		83231		1030	1000	3.3	15.0
PCB-1016 Peak 3	Qua2		67615		1060	1000	6.0	15.0
PCB-1016 Peak 4	Qua2		52635		1050	1000	5.0	15.0
PCB-1016 Peak 5	Qua2		33705		1060	1000	5.9	15.0
PCB-1260 Peak 1	Qua2		94267		1040	1000	3.7	15.0
PCB-1260 Peak 2	Qua2		143674		1050	1000	4.9	15.0
PCB-1260 Peak 3	Qua2		58563		1080	1000	8.2	15.0
PCB-1260 Peak 4	Qua2		151574		1070	1000	7.5	15.0
PCB-1260 Peak 5	Qua2		92829		1100	1000	10.3	15.0
Dibutylchloredate	Qua2		1905609		102	100	1.6	15.0
DCB Decachlorobiphenyl	Qua2		1563249		111	100	10.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1000 510-90710/12 Calibration Date: 12/07/2011 15:45
 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: B5873.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\20111207-6033.b\B5873.D
 Lims ID: ccv1000 Client ID:
 Inject. Date: 07-Dec-2011 15:45:14 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: 90710 Lims Sample ID: 12
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 15:58:48 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: 07-Dec-2011 15:58:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.157	3.157	0.000	40427415	1094.9		100.0	
1	2	3.583	3.583	0.000	83231097	1033.3	186.9- 246.9	205.9	
1	3	4.367	4.367	0.000	67614839	1059.7	143.8- 203.8	167.2	
1	4	4.936	4.936	0.000	52634534	1050.0	106.7- 166.7	130.2	
1	5	5.489	5.489	0.000	33705104	1059.0	55.8- 115.8	83.4	
Average of Peak Amounts =						1059.4			
2	6	3.699	3.699	0.000	22303203	907.7		100.0	
2	7	4.271	4.271	0.000	48978665	912.2	189.6- 249.6	219.6	
2	8	5.154	5.154	0.000	37777673	895.5	138.6- 198.6	169.4	
2	9	5.587	5.587	0.000	17418640	903.5	49.7- 109.7	78.1	
2	10	5.879	5.879	0.000	30668939	912.9	108.1- 168.1	137.5	
Average of Peak Amounts =						906.4			

RPD = 15.57

11 PCB-1260

1	1	6.769	6.769	0.000	94266501	1037.3		100.0	
1	2	7.259	7.259	0.000	143673922	1049.2	119.7- 179.7	152.4	
1	3	7.496	7.496	0.000	58562828	1081.5	29.6- 89.6	62.1	
1	4	7.804	7.804	0.000	151573789	1074.7	126.4- 186.4	160.8	
1	5	8.562	8.562	0.000	92829330	1102.8	64.1- 124.1	98.5	
Average of Peak Amounts =						1069.1			
2	6	7.836	7.836	0.000	30634080	963.0		100.0	
2	7	8.205	8.205	0.000	60897497	962.6	163.4- 223.4	198.8	
2	8	8.634	8.634	0.000	75020611	964.2	201.9- 261.9	244.9	
2	9	9.354	9.354	0.000	57799194	1014.1	146.4- 206.4	188.7	
2	10	9.744	9.744	0.000	60859683	991.9	153.8- 213.8	198.7	
Average of Peak Amounts =						979.2			

RPD = 8.78

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.569	9.569	0.000	190560935	101.6			
2	2	10.259	10.259	0.000	84078873	99.5			
							RPD = 2.06		

\$ 2 DCB Decachlorobiphenyl

1	1	10.771	10.771	0.000	156324930	110.9			
2	2	11.579	11.579	0.000	102575587	107.7			
							RPD = 2.92		

Report Date: 07-Dec-2011 15:58:48

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5873.D

Injection Date: 07-Dec-2011 15:45:14

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

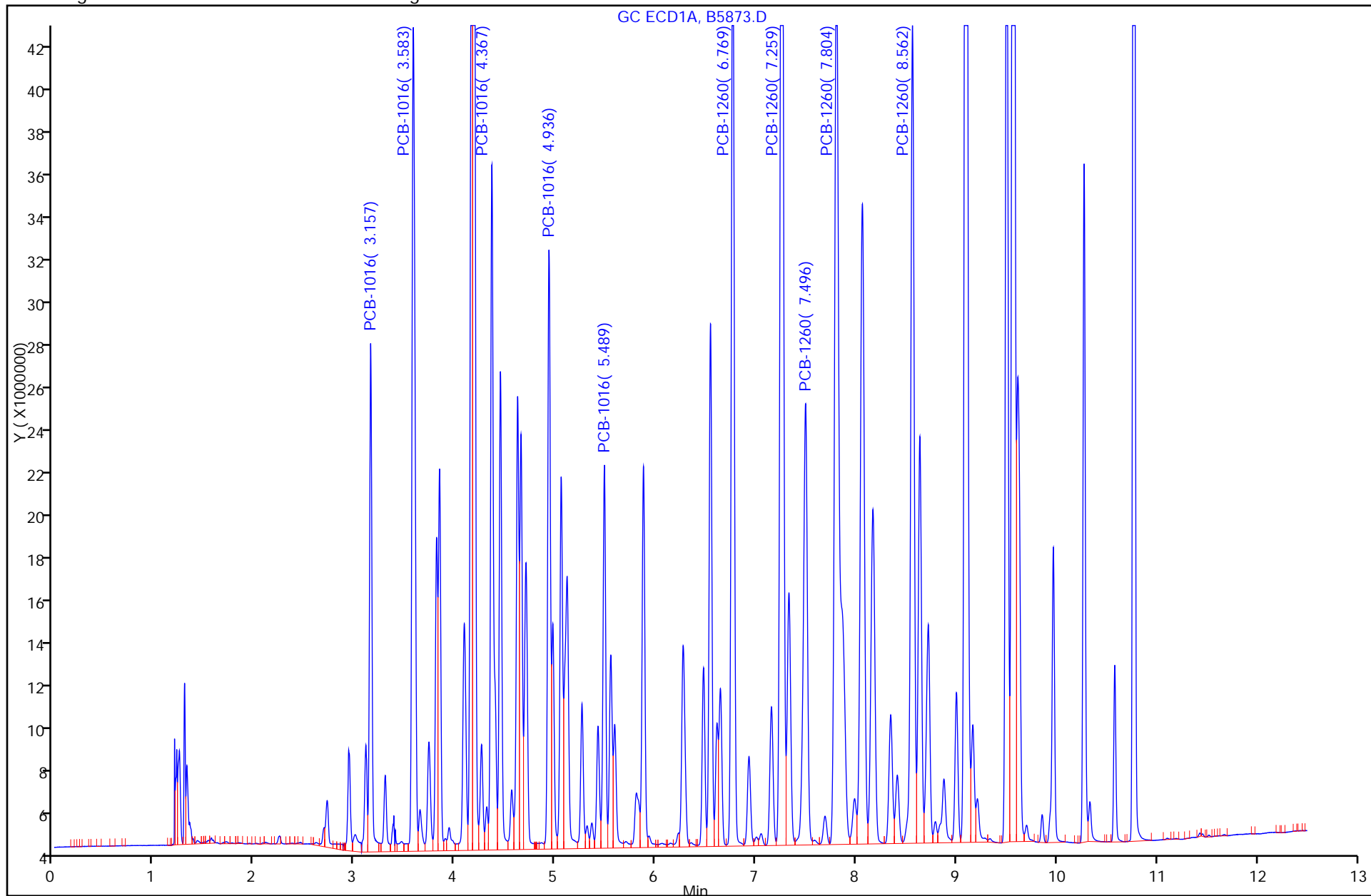
Lims Batch ID: 90710

Lims Sample ID: 12

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.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90710/24 Calibration Date: 12/07/2011 18:51
 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: B5885.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		35435		1460	1500	-2.9	15.0
PCB-1016 Peak 2	Qua2		76149		1440	1500	-3.8	15.0
PCB-1016 Peak 3	Qua2		61563		1460	1500	-2.8	15.0
PCB-1016 Peak 4	Qua2		48070		1450	1500	-3.3	15.0
PCB-1016 Peak 5	Qua2		30458		1450	1500	-3.2	15.0
PCB-1260 Peak 1	Qua2		86977		1450	1500	-3.4	15.0
PCB-1260 Peak 2	Qua2		132483		1460	1500	-2.6	15.0
PCB-1260 Peak 3	Qua2		53429		1480	1500	-1.6	15.0
PCB-1260 Peak 4	Qua2		139523		1480	1500	-1.0	15.0
PCB-1260 Peak 5	Qua2		84997		1520	1500	1.1	15.0
Dibutylchloredate	Qua2		1960605		104	100	4.1	15.0
DCB Decachlorobiphenyl	Qua2		1489927		106	100	5.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Lab Sample ID: CCV1500 510-90710/24 Calibration Date: 12/07/2011 18:51
 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: B5885.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\20111207-6033.b\B5885.D
 Lims ID: ccv1500 Client ID:
 Inject. Date: 07-Dec-2011 18:51:31 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: 90710 Lims Sample ID: 24
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 19:05:28 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: 07-Dec-2011 19:05:28

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.158	3.158	0.000	53152018	1456.4		100.0		
1	2	3.583	3.583	0.000	114223559	1443.0	186.9- 246.9	214.9		
1	3	4.366	4.366	0.000	92344648	1457.6	143.8- 203.8	173.7		
1	4	4.936	4.936	0.000	72105720	1450.8	106.7- 166.7	135.7		
1	5	5.489	5.489	0.000	45687263	1451.3	55.8- 115.8	86.0		
		Average of Peak Amounts =				1451.8				
2	6	3.699	3.699	0.000	31271432	1306.6		100.0		
2	7	4.271	4.271	0.000	68445934	1307.0	189.6- 249.6	218.9		
2	8	5.154	5.154	0.000	52916895	1296.8	138.6- 198.6	169.2		
2	9	5.585	5.585	0.000	24454548	1303.7	49.7- 109.7	78.2		
2	10	5.878	5.878	0.000	43147218	1314.0	108.1- 168.1	138.0		
		Average of Peak Amounts =				1305.6				
						RPD = 10.61				
11 PCB-1260										
1	1	6.768	6.768	0.000	130465308	1449.1		100.0		
1	2	7.257	7.257	0.000	198723847	1461.4	119.7- 179.7	152.3		
1	3	7.494	7.494	0.000	80142931	1475.9	29.6- 89.6	61.4		
1	4	7.803	7.803	0.000	209284124	1484.6	126.4- 186.4	160.4		
1	5	8.560	8.560	0.000	127495789	1516.5	64.1- 124.1	97.7		
		Average of Peak Amounts =				1477.5				
2	6	7.837	7.837	0.000	43148200	1364.9		100.0		
2	7	8.204	8.204	0.000	85101369	1367.6	163.4- 223.4	197.2		
2	8	8.634	8.634	0.000	104369612	1374.0	201.9- 261.9	241.9		
2	9	9.354	9.354	0.000	81472503	1445.4	146.4- 206.4	188.8		
2	10	9.744	9.744	0.000	85849291	1432.3	153.8- 213.8	199.0		
		Average of Peak Amounts =				1396.8				
						RPD = 5.61				

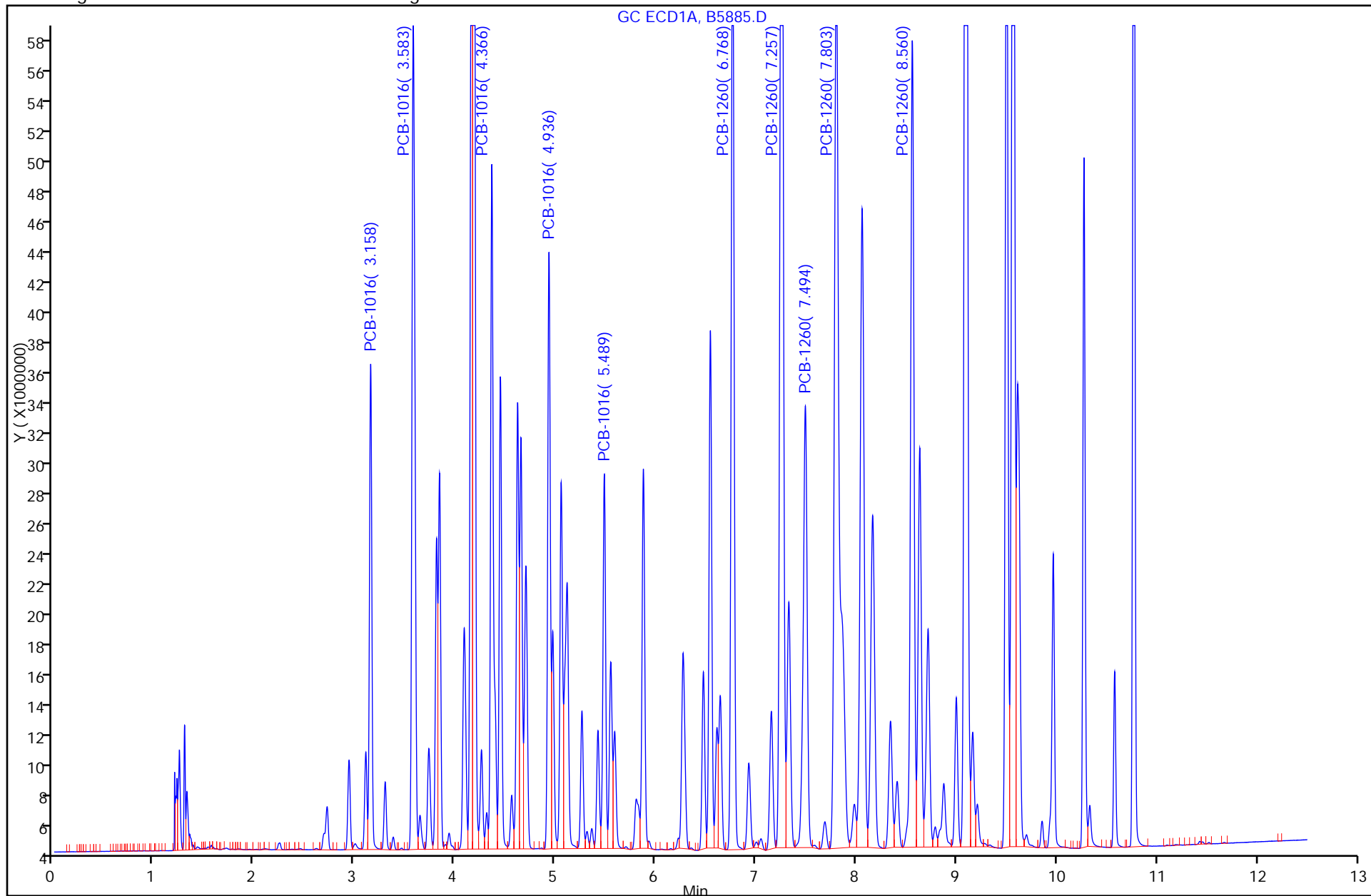
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.568	9.568	0.000	196060504	104.1			
2	2	10.258	10.258	0.000	80819594	95.4			
							RPD = 8.65		

\$ 2 DCB Decachlorobiphenyl

1	1	10.769	10.769	0.000	148992675	105.6			
2	2	11.579	11.579	0.000	98280193	102.9			
							RPD = 2.51		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 510-90702/1-A
 Matrix: Solid Lab File ID: B5866.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15(g) Date Analyzed: 12/07/2011 13:44
 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.: 90710 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	95		14-147
1770-80-5	Dibutylchloredate	63		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5866.D
 Lims ID: MB 510-90702/1-A Client ID:
 Inject. Date: 07-Dec-2011 13:44:48 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: mb 510-90702/1-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 90710 Lims Sample ID: 5
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:48:25 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: 07-Dec-2011 14:34:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 1 Tetrachloro-m-xylene

1	1	0.040	0.0	0.040	36193	0			
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8 Polychlorinated biphenyls, Total

1	1	0.099	0.0	0.099	19204	0			
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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					

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5866.D

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

4 PCB-1016

1	1		3.159						
1	2		3.584						
1	3		4.367						
1	4		4.937						
1	5		5.489						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		5.587						
2	10		5.879						

10 PCB-1242

1	1		3.159						
1	2		3.584						
1	3		4.453						
1	4		5.117						
1	5		5.593						
2	6		3.699						
2	7		4.271						
2	8		5.155						
2	9		6.548						
2	10		6.936						

6 PCB-1248

1	1		3.583						
1	2		4.191						
1	3		5.059						
1	4		5.593						
1	5		6.478						
2	6		4.271						
2	7		5.152						
2	8		5.878						
2	9		6.547						
2	10		6.934						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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9 PCB-1254

1	1		5.551						
1	2		6.290						
1	3		6.476						
1	4		6.927						
1	5		7.804						
2	6		6.543						
2	7		6.858						
2	8		7.758						
2	9		8.278						
2	10		9.223						

11 PCB-1260

1	1		6.770						
1	2		7.259						
1	3		7.495						
1	4		7.805						
1	5		8.563						
2	6		7.836						
2	7		8.205						
2	8		8.635						
2	9		9.354						
2	10		9.744						

\$ 3 Dibutylchloroendate

1	1	9.570	9.568	0.002	109930397	62.9			
2	2	10.257	10.259	-0.002	66894078	78.0			

RPD = 21.52

\$ 2 DCB Decachlorobiphenyl

1	1	10.770	10.769	0.001	134535281	95.1			
2	2	11.578	11.579	-0.001	88418367	92.2			

RPD = 3.17

Report Date: 07-Dec-2011 14:34:19

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5866.D

Injection Date: 07-Dec-2011 13:44:48

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

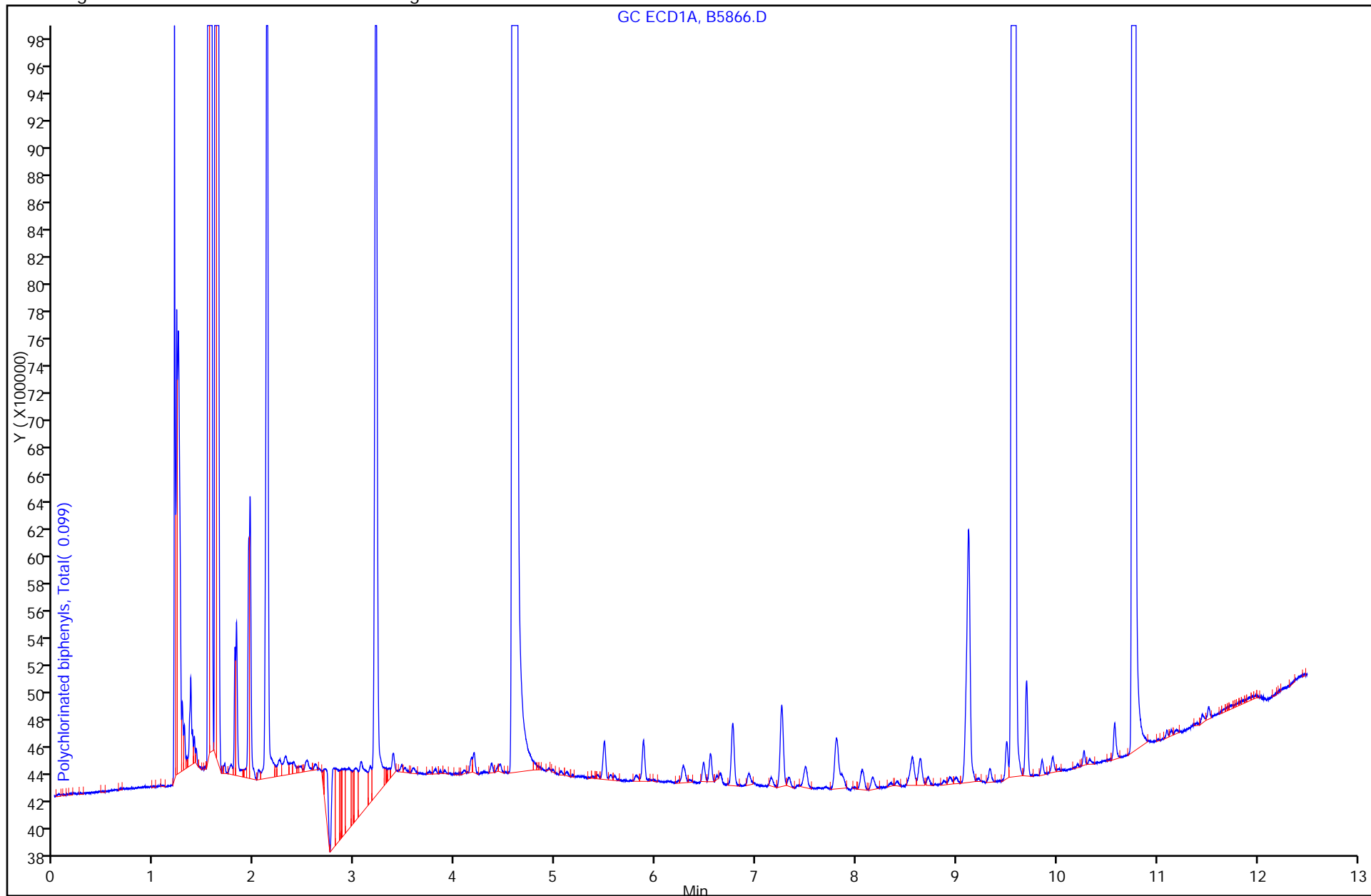
Lims Batch ID: 90710

Lims Sample ID: 5

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.: 510-73055-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 510-90702/2-A
 Matrix: Solid Lab File ID: B5867.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15(g) Date Analyzed: 12/07/2011 13:59
 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.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.320		0.020	0.0023
11096-82-5	PCB-1260	0.341		0.020	0.0016

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		14-147
1770-80-5	Dibutylchloredate	69		10-132

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5867.D
 Lims ID: LCS 510-90702/2-A Client ID:
 Inject. Date: 07-Dec-2011 13:59:52 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: lcs 510-90702/2-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 90710 Lims Sample ID: 6
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:48:25 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: 07-Dec-2011 14:34:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1	3.155	3.159	-0.004	34085919	917.6		100.0	
1	2	3.581	3.584	-0.003	77354293	957.1	186.9- 246.9	226.9	
1	3	4.364	4.367	-0.003	62352452	975.6	143.8- 203.8	182.9	
1	4	4.935	4.937	-0.002	48082373	957.1	106.7- 166.7	141.1	
1	5	5.487	5.489	-0.002	31496773	987.5	55.8- 115.8	92.4	
Average of Peak Amounts =						959.0			
2	6	3.697	3.699	-0.002	20413979	826.2		100.0	
2	7	4.269	4.271	-0.002	46174974	856.8	189.6- 249.6	226.2	
2	8	5.153	5.155	-0.002	35339460	833.3	138.6- 198.6	173.1	
2	9	5.584	5.587	-0.003	16600705	858.3	49.7- 109.7	81.3	
2	10	5.876	5.879	-0.003	28540144	846.2	108.1- 168.1	139.8	
Average of Peak Amounts =						844.2			
						RPD = 12.73			
11 PCB-1260									
1	1	6.767	6.770	-0.003	90108321	990.4		100.0	
1	2	7.255	7.259	-0.004	140886610	1028.5	119.7- 179.7	156.4	
1	3	7.493	7.495	-0.002	56664941	1046.6	29.6- 89.6	62.9	
1	4	7.802	7.805	-0.003	155936442	1105.7	126.4- 186.4	173.1	
1	5	8.561	8.563	-0.002	78979696	937.2	64.1- 124.1	87.6	
Average of Peak Amounts =						1021.7			
2	6	7.834	7.836	-0.002	27551982	864.5		100.0	
2	7	8.203	8.205	-0.002	57886963	913.0	163.4- 223.4	210.1	
2	8	8.633	8.635	-0.002	71695161	918.9	201.9- 261.9	260.2	
2	9	9.352	9.354	-0.002	47585651	830.4	146.4- 206.4	172.7	
2	10	9.743	9.744	-0.001	54412246	881.4	153.8- 213.8	197.5	
Average of Peak Amounts =						881.7			
						RPD = 14.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 3 Dibutylchlorendate

1	1	9.567	9.568	-0.001	121584979	68.8			
2	2	10.257	10.259	-0.002	52133319	59.9			
						RPD = 13.86			

\$ 2 DCB Decachlorobiphenyl

1	1	10.768	10.769	-0.001	127036515	89.7			
2	2	11.578	11.579	-0.001	83189225	86.4			
						RPD = 3.70			

Report Date: 07-Dec-2011 14:34:36

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5867.D

Injection Date: 07-Dec-2011 13:59:52

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

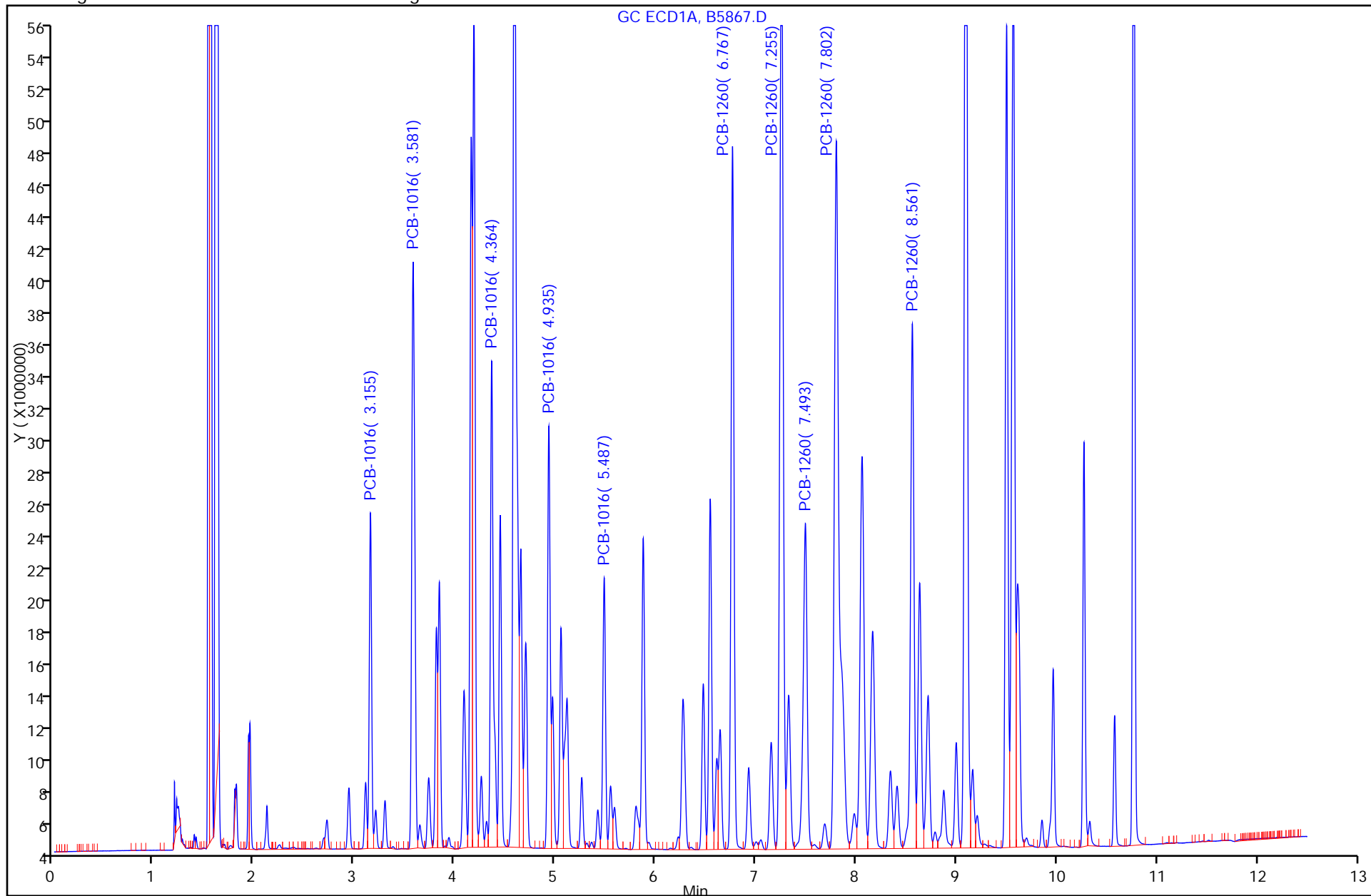
Lims Batch ID: 90710

Lims Sample ID: 6

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.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRC-1c MS DL Lab Sample ID: 510-73055-1 MS DL
 Matrix: Solid Lab File ID: B5871.D
 Analysis Method: 8082 Date Collected: 12/06/2011 12:15
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.56(g) Date Analyzed: 12/07/2011 15:15
 Con. Extract Vol.: 5(mL) Dilution Factor: 2000
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<41		41	4.7
11096-82-5	PCB-1260	2290		41	3.4

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\20111207-6033.b\B5871.D
 Lims ID: 510-73055-B-1-B MS Client ID:
 Inject. Date: 07-Dec-2011 15:15:03 Dil. Factor: 2000.0000
 Sample Type: MS
 Sample ID: 510-73055-b-1-b ms
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 9
 Lims Batch ID: 90710 Lims Sample ID: 10
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:48:25 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: 07-Dec-2011 15:50:41

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.159
1	2	3.584
1	3	4.367
1	4	4.937
1	5	5.489
2	6	3.699
2	7	4.271
2	8	5.155
2	9	5.587
2	10	5.879

11 PCB-1260

1	1	6.773	6.770	0.003	286657117	3306.2		100.0
1	2	7.261	7.259	0.002	477641719	3625.1	119.7- 179.7	166.6
1	3	7.499	7.495	0.004	180789403	3274.9	29.6- 89.6	63.1
1	4	7.808	7.805	0.003	529992639	3741.1	126.4- 186.4	184.9
1	5	8.566	8.563	0.003	228835892	2720.1	64.1- 124.1	79.8
Average of Peak Amounts =						3333.5		
2	6	7.839	7.836	0.003	84626657	2722.4		100.0
2	7	8.208	8.205	0.003	177516729	3040.2	163.4- 223.4	209.8
2	8	8.638	8.635	0.003	231477357	3433.6	201.9- 261.9	273.5
2	9	9.356	9.354	0.002	131597406	2385.6	146.4- 206.4	155.5
2	10	9.747	9.744	0.003	134521239	2353.1	153.8- 213.8	159.0
Average of Peak Amounts =						2787.0		

RPD = 17.86

\$ 3 Dibutylchlorendate

1	1	9.568
2	2	10.259

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5871.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 2 DCB Decachlorobiphenyl

1	1		10.769						
2	2		11.579						

Report Date: 07-Dec-2011 15:50:41

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5871.D

Injection Date: 07-Dec-2011 15:15:03

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

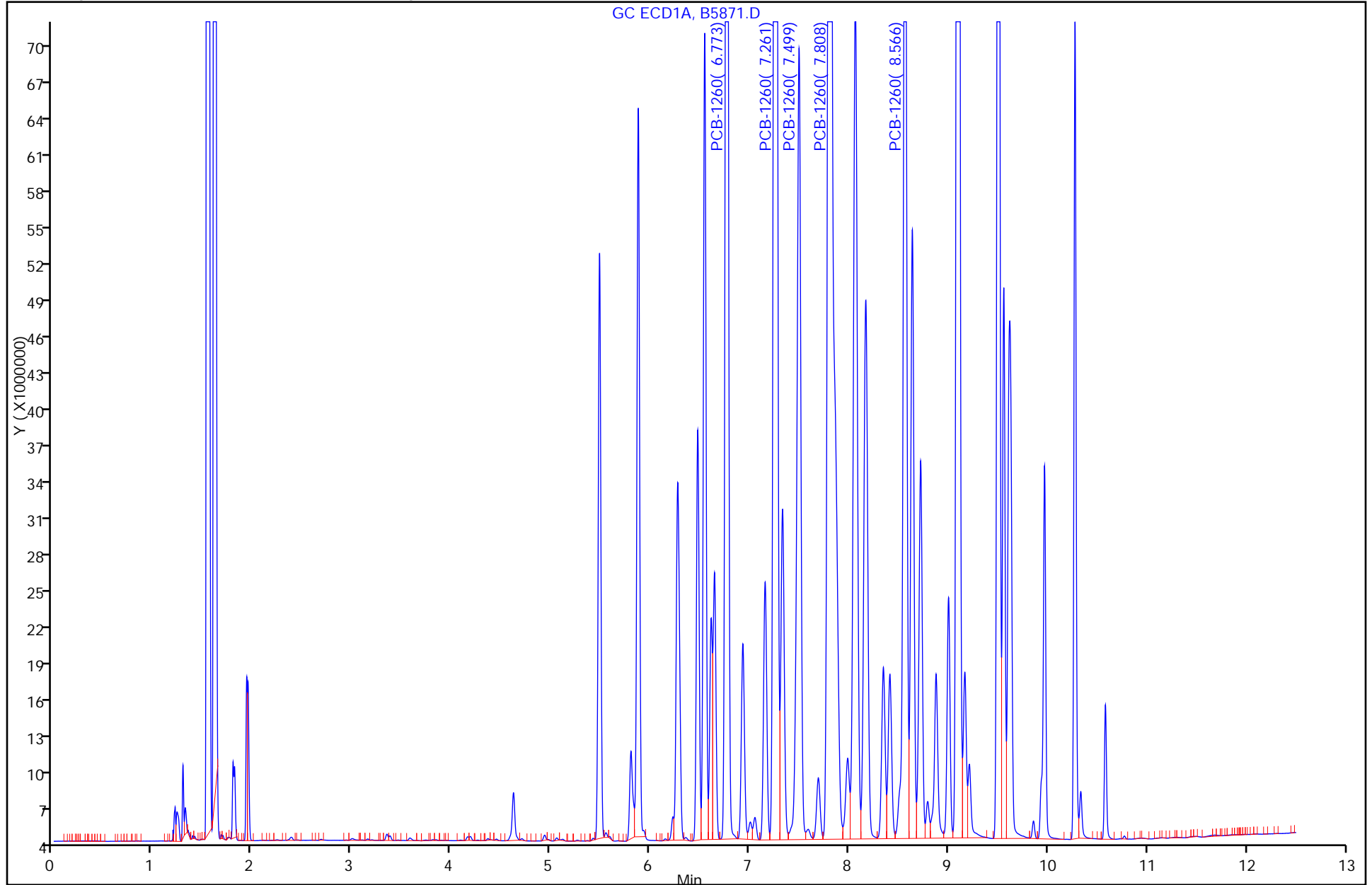
Lims Batch ID: 90710

Lims Sample ID: 10

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.: 510-73055-1
 SDG No.: _____
 Client Sample ID: TRC-1c MSD DL Lab Sample ID: 510-73055-1 MSD DL
 Matrix: Solid Lab File ID: B5872.D
 Analysis Method: 8082 Date Collected: 12/06/2011 12:15
 Extraction Method: 3546 Date Extracted: 12/07/2011 08:04
 Sample wt/vol: 15.98(g) Date Analyzed: 12/07/2011 15:30
 Con. Extract Vol.: 5(mL) Dilution Factor: 2000
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 90710 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<40		40	4.6
11096-82-5	PCB-1260	810		40	3.3

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\20111207-6033.b\B5872.D
 Lims ID: 510-73055-B-1-C MSD Client ID:
 Inject. Date: 07-Dec-2011 15:30:09 Dil. Factor: 2000.0000
 Sample Type: MSD
 Sample ID: 510-73055-b-1-c msd
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 10
 Lims Batch ID: 90710 Lims Sample ID: 11
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111207-6033.b\PCBS.m
 Last Update: 07-Dec-2011 13:48:25 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: 07-Dec-2011 15:51:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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4 PCB-1016

1	1	3.159
1	2	3.584
1	3	4.367
1	4	4.937
1	5	5.489
2	6	3.699
2	7	4.271
2	8	5.155
2	9	5.587
2	10	5.879

11 PCB-1260

1	1	6.770	6.770	0.000	105753633	1167.3		100.0
1	2	7.259	7.259	0.000	174622591	1280.4	119.7- 179.7	165.1
1	3	7.498	7.495	0.003	65706690	1212.4	29.6- 89.6	62.1
1	4	7.807	7.805	0.002	193740270	1374.3	126.4- 186.4	183.2
1	5	8.564	8.563	0.001	85156730	1011.1	64.1- 124.1	80.5
Average of Peak Amounts =						1209.1		
2	6	7.838	7.836	0.002	32483256	1022.1		100.0
2	7	8.206	8.205	0.001	68868029	1094.7	163.4- 223.4	212.0
2	8	8.637	8.635	0.002	90239981	1174.3	201.9- 261.9	277.8
2	9	9.356	9.354	0.002	50977002	891.3	146.4- 206.4	156.9
2	10	9.746	9.744	0.002	51981869	840.0	153.8- 213.8	160.0
Average of Peak Amounts =						1004.5		

RPD = 18.49

\$ 3 Dibutylchloroendate

1	1	9.568
2	2	10.259

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5872.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 2 DCB Decachlorobiphenyl

1 1 10.769

2 2 11.579

Report Date: 07-Dec-2011 15:51:04

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

Data File: \\valsvr08\ChromData\SGCA\20111207-6033.b\B5872.D

Injection Date: 07-Dec-2011 15:30:09

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

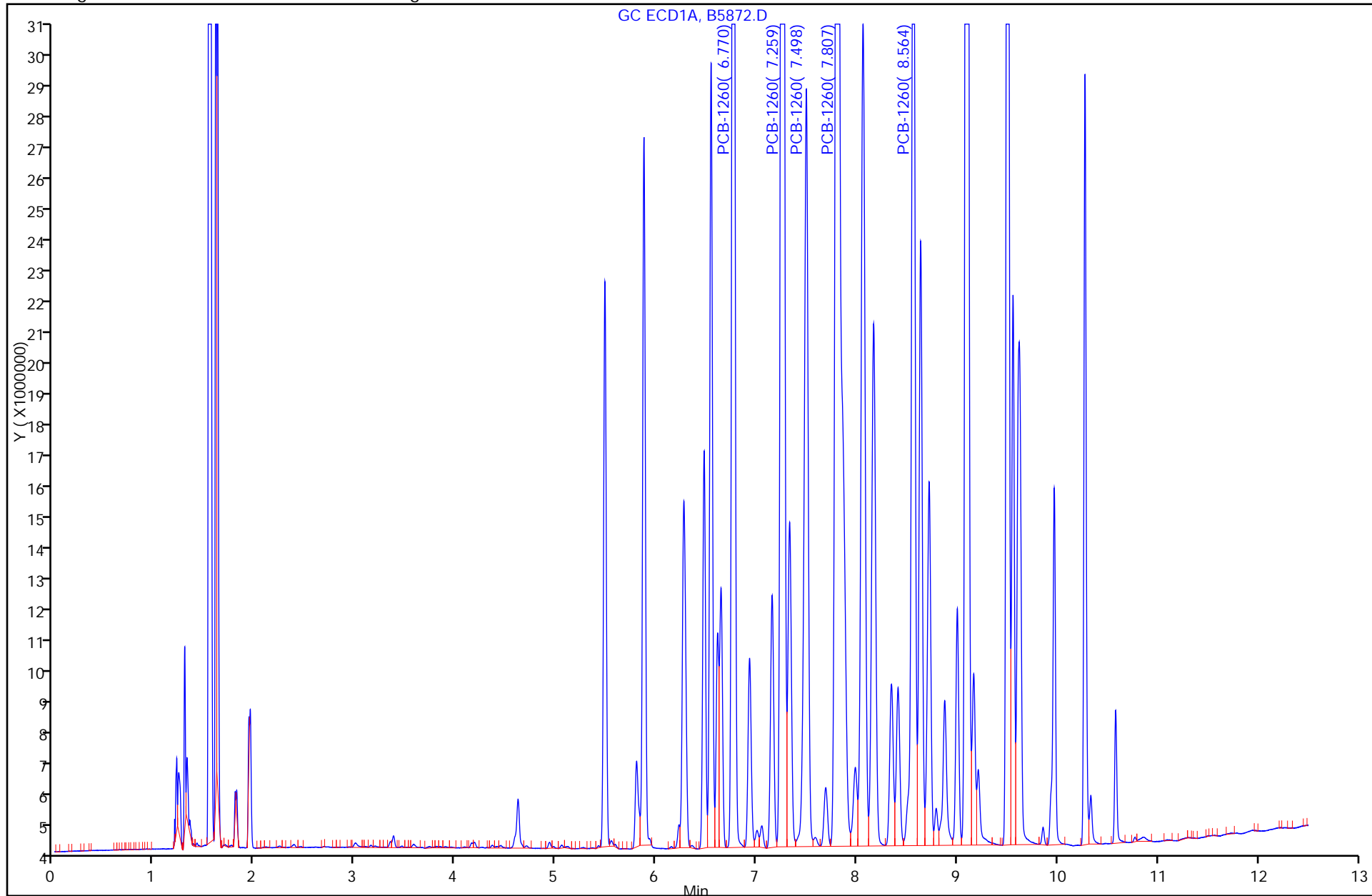
Lims Batch ID: 90710

Lims Sample ID: 11

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.: 510-73055-1

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.: 510-73055-1

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.: 510-73055-1

SDG No.: _____

Instrument ID: SGCA Start Date: 12/07/2011 12:43

Analysis Batch Number: 90710 End Date: 12/07/2011 18:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-90710/1		12/07/2011 12:43	1	B5862.D	8082/608 0.53 (mm)
CCV1500 510-90710/1		12/07/2011 12:43	1		8082/608V2 0.53 (mm)
CCV1242 510-90710/2		12/07/2011 12:59	1	B5863.D	8082/608 0.53 (mm)
CCV1242 510-90710/2		12/07/2011 12:59	1		8082/608V2 0.53 (mm)
CCV1248 510-90710/3		12/07/2011 13:14	1	B5864.D	8082/608 0.53 (mm)
CCV1248 510-90710/3		12/07/2011 13:14	1		8082/608V2 0.53 (mm)
CCV1254 510-90710/4		12/07/2011 13:29	1	B5865.D	8082/608 0.53 (mm)
CCV1254 510-90710/4		12/07/2011 13:29	1		8082/608V2 0.53 (mm)
MB 510-90702/1-A		12/07/2011 13:44	1	B5866.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 13:44	1		8082/608V2 0.53 (mm)
LCS 510-90702/2-A		12/07/2011 13:59	1	B5867.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 13:59	1		8082/608V2 0.53 (mm)
ZZZZZ		12/07/2011 14:14	1		8082/608 0.53 (mm)
ZZZZZ		12/07/2011 14:14	1		8082/608V2 0.53 (mm)
510-73055-1 DL	TRC-1c DL	12/07/2011 14:59	2000	B5870.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 14:59	2000		8082/608V2 0.53 (mm)
510-73055-1 MS DL	TRC-1c MS DL	12/07/2011 15:15	2000	B5871.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 15:15	2000		8082/608V2 0.53 (mm)
510-73055-1 MSD DL	TRC-1c MSD DL	12/07/2011 15:30	2000	B5872.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 15:30	2000		8082/608V2 0.53 (mm)
CCV1000 510-90710/12		12/07/2011 15:45	1	B5873.D	8082/608 0.53 (mm)
CCV1000 510-90710/12		12/07/2011 15:45	1		8082/608V2 0.53 (mm)
510-73055-2 DL	TRC-4c DL	12/07/2011 16:04	2000	B5874.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 16:04	2000		8082/608V2 0.53 (mm)
ZZZZZ		12/07/2011 16:20	1000		8082/608 0.53 (mm)
ZZZZZ		12/07/2011 16:20	1000		8082/608V2 0.53 (mm)
ZZZZZ		12/07/2011 16:35	200		8082/608 0.53 (mm)
ZZZZZ		12/07/2011 16:35	200		8082/608V2 0.53 (mm)
510-73055-5 DL	TRAB-7b DL	12/07/2011 16:50	10	B5877.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 16:50	10		8082/608V2 0.53 (mm)
510-73055-6 DL	TRAB-8b DL	12/07/2011 17:05	10	B5878.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 17:05	10		8082/608V2 0.53 (mm)
510-73055-7 DL	TRAB-10b DL	12/07/2011 17:20	200	B5879.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 17:20	200		8082/608V2 0.53 (mm)
510-73055-8 DL	TRAB-11b DL	12/07/2011 17:35	100	B5880.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 17:35	100		8082/608V2 0.53 (mm)
510-73055-9 DL	AREAD-3b DL	12/07/2011 17:50	10	B5881.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 17:50	10		8082/608V2 0.53 (mm)
510-73055-10 DL	Field Duplicate DL	12/07/2011 18:06	10	B5882.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 18:06	10		8082/608V2 0.53 (mm)
510-73055-3 DL2	TRC-5c DL2	12/07/2011 18:21	5000	B5883.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 18:21	5000		8082/608V2 0.53 (mm)
510-73055-4 DL2	TRAB-6b DL2	12/07/2011 18:36	500	B5884.D	8082/608 0.53 (mm)
ZZZZZ		12/07/2011 18:36	500		8082/608V2 0.53 (mm)
CCV1500 510-90710/24		12/07/2011 18:51	1	B5885.D	8082/608 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1

SDG No.: _____

Instrument ID: SGCA Start Date: 12/07/2011 12:43

Analysis Batch Number: 90710 End Date: 12/07/2011 18:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-90710/24		12/07/2011 18:51	1		8082/608V2 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1

SDG No.: _____

Batch Number: 90702 Batch Start Date: 12/07/11 08:04 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	AnalysisComment	
MB 510-90702/1		3546, 8082		15 g	5 mL		250 uL		
LCS 510-90702/2		3546, 8082		15 g	5 mL	250 uL	250 uL		
510-73055-B-1	TRC-1c	3546, 8082	T	15.70 g	5 mL		250 uL	chemical odor	
510-73055-B-1 MS	TRC-1c	3546, 8082	T	15.56 g	5 mL	250 uL	250 uL	chemical odor	
510-73055-B-1 MSD	TRC-1c	3546, 8082	T	15.98 g	5 mL	250 uL	250 uL	chemical odor	
510-73055-B-2	TRC-4c	3546, 8082	T	15.10 g	5 mL		250 uL	chemical odor	
510-73055-B-3	TRC-5c	3546, 8082	T	15.31 g	5 mL		250 uL	chemical odor	
510-73055-B-4	TRAB-6b	3546, 8082	T	15.57 g	5 mL		250 uL		
510-73055-B-5	TRAB-7b	3546, 8082	T	15.82 g	5 mL		250 uL		
510-73055-B-6	TRAB-8b	3546, 8082	T	15.44 g	5 mL		250 uL		
510-73055-B-7	TRAB-10b	3546, 8082	T	15.43 g	5 mL		250 uL	chemical odor	
510-73055-B-8	TRAB-11b	3546, 8082	T	15.39 g	5 mL		250 uL	chemical odor	
510-73055-A-9	AREAD-3b	3546, 8082	T	15.26 g	5 mL		250 uL		
510-73055-A-10	Field Duplicate	3546, 8082	T	15.86 g	5 mL		250 uL		

Batch Notes	
Balance ID	37912
Hexane Lot#	ophexr_00083
Na2SO4 Lot Number	opna2so4_00021
Ottawa Sand Lot #	opsand_00007
Person's name who did the prep	Sarah Page
Water Bath Temperature	35, 35

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso

Job Number: 510-73055-1

SDG No.: _____

Project: South Bend Former Studebaker Foundry

Client Sample ID	Lab Sample ID
<u>TRC-1c</u>	<u>510-73055-1</u>
<u>TRC-4c</u>	<u>510-73055-2</u>
<u>TRC-5c</u>	<u>510-73055-3</u>
<u>TRAB-6b</u>	<u>510-73055-4</u>
<u>TRAB-7b</u>	<u>510-73055-5</u>
<u>TRAB-8b</u>	<u>510-73055-6</u>
<u>TRAB-10b</u>	<u>510-73055-7</u>
<u>TRAB-11b</u>	<u>510-73055-8</u>
<u>AREAD-3b</u>	<u>510-73055-9</u>
<u>Field Duplicate</u>	<u>510-73055-10</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso

Job Number: 510-73055-1

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.: 510-73055-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/07/2011 17:28 End Date: 12/07/2011 17:28

Lab Sample ID	D / F	T y p e	Time	Analytes															
				% S o l	M o i s t														
MB 510-90755/1	1	T	17:28	X	X														
ZZZZZZ			17:28																
ZZZZZZ			17:28																
510-73055-1	1	T	17:28	X	X														
510-73055-2	1	T	17:28	X	X														
510-73055-3	1	T	17:28	X	X														
510-73055-4	1	T	17:28	X	X														
510-73055-5	1	T	17:28	X	X														
510-73055-6	1	T	17:28	X	X														
510-73055-7	1	T	17:28	X	X														
510-73055-8	1	T	17:28	X	X														
510-73055-9	1	T	17:28	X	X														
510-73055-10	1	T	17:28	X	X														
ZZZZZZ			17:28																
ZZZZZZ			17:28																
ZZZZZZ			17:28																
ZZZZZZ			17:28																
ZZZZZZ			17:28																
ZZZZZZ			17:28																
ZZZZZZ			17:28																
ZZZZZZ			17:28																
ZZZZZZ			17:28																

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-73055-1

SDG No.: _____

Batch Number: 90755 Batch Start Date: 12/07/11 17:28 Batch Analyst: Tran, Kevin

Batch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
MB 510-90755/1		Moisture		1	001.0053 g	011.2849 g	001.0071 g		
510-73055-B-1	TRC-1c	Moisture	T	4	001.0131 g	011.7530 g	011.0513 g		
510-73055-A-2	TRC-4c	Moisture	T	5	001.0278 g	011.2435 g	010.8515 g		
510-73055-A-3	TRC-5c	Moisture	T	6	001.0025 g	011.8380 g	010.9359 g		
510-73055-B-4	TRAB-6b	Moisture	T	7	001.0103 g	011.3957 g	010.5629 g		
510-73055-A-5	TRAB-7b	Moisture	T	8	001.0530 g	011.8218 g	011.3784 g		
510-73055-A-6	TRAB-8b	Moisture	T	9	001.0156 g	011.6649 g	011.1299 g		
510-73055-A-7	TRAB-10b	Moisture	T	10	000.9953 g	011.6883 g	010.7072 g		
510-73055-B-8	TRAB-11b	Moisture	T	11	001.0418 g	011.5239 g	010.6995 g		
510-73055-A-9	AREAD-3b	Moisture	T	12	001.0235 g	011.5207 g	010.1685 g		
510-73055-B-10	Field Duplicate	Moisture	T	13	001.0002 g	011.4271 g	010.0572 g		

Batch Notes	
Balance ID	GBALB No Unit
Date samples were placed in the oven	12/7/11
Oven Temp when samples are put in oven	103.2 Degrees C
Time samples were place in the oven	1800
Date samples were removed from oven	12/8/11
Oven Temp when samples removed from oven	103.7 Degrees C
Time Samples were removed from oven	1100
Oven ID	WC-OVN-1
ID number of the thermometer	14-986B-G
Uncorrected In Temperature	103.0 Celsius
Uncorrected Out Temperature	103.5 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Chain of Custody Record

Client Information Client Contact: Jodi Slough Ed Stefanek/Jodi Slough Company: Weaver Boos Consultants LLC Address: 4085 Meghan Beeler Court City: South Bend State, Zip: IN, 46628 Phone: 574-271-3447 Email: estefanek@weaverboos.com / jslough@weaverboos.com Project Name: South Bend Former Studebaker Foundry Site: South Bend Former Studebaker Foundry		Lab PM: Kintz, Robin M E-Mail: robinm.kintz@testamericainc.com Carrier Tracking No(s): Page: 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): PO #: 0058-373-01 WO #:		Analysis Requested: 8270C, 8270C_SIM - BNAs 8020, 7470 - Metals 8082 - PCBs 8260B - VOCs 8015 - TPH GRO 8015 - TPH ERO 8260B - VOCs (Trip Blanks) Total/Free Cyanide Total Number of Containers	
Field Filtered Sample (Yes or No)		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)		Special Instructions/Note: M - Hexane N - None O - AsNaO2 P - Na2CO3 Q - NaHSO4 R - Na2S2O3 S - H2SO4 T - TSP Dodecalhydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)	
Sample Identification 730955 TRC-1C TRC-4C TRC-5C TRAB-6b TRAB-7b TRAB-8b TRAB-10b TRAB-11b ARAD-3b Field Duplicate		Return To Client <input type="checkbox"/> Archive For _____ Months Disposal By Lab <input type="checkbox"/>	
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		Special Instructions/QC Requirements:	
Empty Kit Reimquished by: Relinquished by: Jodi Slough Relinquished by: Jody Stefanek Relinquished by:		Method of Shipment:	
Date/Time: 12/16/11 4:15 Date/Time: 12/16/11 1610 Date/Time:		Received by: Jody Stefanek Received by: Jody Stefanek Received by:	
Company: Weaver Boos Company: Weaver Boos Company:		Company: Jodi Slough Company: Jody Stefanek Company:	
Custody Seals Intact:		Cooler Temperature(s) °C and Other Remarks: 0.2' Containment 0.5' 90-150-031	

Login Sample Receipt Checklist

Client: Weaver Boos Consultants LLC

Job Number: 510-73055-1

Login Number: 73055

List Source: TestAmerica Valparaiso

List Number: 1

Creator: Looney, Christina M

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.