

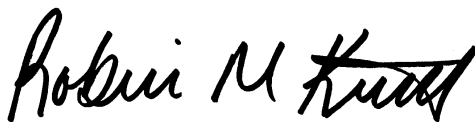
## ANALYTICAL REPORT

Job Number: 510-64148-1

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  
4/26/2011 11:14 AM

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Robin M Kintz  
Project Manager I  
robinm.kintz@testamericainc.com  
04/26/2011

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 (100432), Indiana DW (C-64-01), Indiana DW Micro (M-64-4), Washington (C842), Kentucky UST (57) and Foreign Soil Permit (P330-11-00073).

**TestAmerica Laboratories, Inc.**

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**Job Narrative**  
**510-64148-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC Semi VOA**

Method(s) 8082: The following samples required two sulfuric acid clean-ups to reduce matrix interferences: 10B (510-64148-13), 1A (510-64148-1), 1B (510-64148-4), 2A (510-64148-2), 3A (510-64148-3).

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: 10B (510-64148-13).

Method(s) 8082: The following samples required several mercury clean-ups to reduce matrix interferences caused by sulfur: 1A (510-64148-1), 1B (510-64148-4), 2A (510-64148-2), 3A (510-64148-3).

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: 10B (510-64148-13), 1A (510-64148-1), 1B (510-64148-4), 2A (510-64148-2), 3A (510-64148-3). Elevated reporting limits (RLs) are provided.

Method(s) 8082: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: 10B (510-64148-13), 1A (510-64148-1), 1B (510-64148-4), 2A (510-64148-2), 3A (510-64148-3).

Method(s) 8082: The following samples required two sulfuric acid clean-ups to reduce matrix interferences: 11B (510-64148-14), 12B (510-64148-15), 13B (510-64148-16), 2B (510-64148-5), 3B (510-64148-6), 4B (510-64148-7), 5B (510-64148-8), 6B (510-64148-9), 7B (510-64148-10), 8B (510-64148-11), 9B (510-64148-12).

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: 11B (510-64148-14), 12B (510-64148-15), 13B (510-64148-16), 2B (510-64148-5), 3B (510-64148-6), 4B (510-64148-7), 5B (510-64148-8), 6B (510-64148-9), 7B (510-64148-10), 8B (510-64148-11), 9B (510-64148-12). Elevated reporting limits (RLs) are provided.

Method(s) 8082: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: 11B (510-64148-14), 12B (510-64148-15), 13B (510-64148-16), 2B (510-64148-5), 3B (510-64148-6), 4B (510-64148-7), 5B (510-64148-8), 6B (510-64148-9), 7B (510-64148-10), 8B (510-64148-11), 9B (510-64148-12).

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: 12B (510-64148-15), 13B (510-64148-16), 7B (510-64148-10), 8B (510-64148-11), 9B (510-64148-12).

Method(s) 8082: The following samples required several mercury clean-ups to reduce matrix interferences caused by sulfur: 11B (510-64148-14), 2B (510-64148-5), 3B (510-64148-6), 4B (510-64148-7), 5B (510-64148-8), 6B (510-64148-9).

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: (510-64148-17 MS), (510-64148-17 MSD), 14B (510-64148-17), 15B (510-64148-18), 16B (510-64148-19), 17B (510-64148-20), 1C (510-64148-21), 2C (510-64148-22), 3C (510-64148-23), 4C (510-64148-24), 5C (510-64148-25), 6C (510-64148-26), 9C (510-64148-29). Elevated reporting limits (RLs) are provided.

Method(s) 8082: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: (510-64148-17 MS), (510-64148-17 MSD), 14B (510-64148-17), 15B (510-64148-18), 16B (510-64148-19), 17B (510-64148-20), 1C (510-64148-21), 2C (510-64148-22), 3C (510-64148-23), 4C (510-64148-24), 5C (510-64148-25), 6C (510-64148-26), 9C (510-64148-29).

Method(s) 8082: Due to the high concentration of PCB, the matrix spike / matrix spike duplicate (MS/MSD) for batch 79155 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8082: The following samples required several sulfuric acid clean-ups to reduce matrix interferences: 2C (510-64148-22), 5C (510-64148-25), 9C (510-64148-29).

Method(s) 8082: The following samples required two sulfuric acid clean-ups to reduce matrix interferences: (510-64148-17 MS), (510-64148-17 MSD), 14B (510-64148-17), 15B (510-64148-18), 16B (510-64148-19), 17B (510-64148-20), 1C (510-64148-21), 3C (510-64148-23), 4C (510-64148-24), 6C (510-64148-26).

Method(s) 8082: The following samples required several mercury clean-ups to reduce matrix interferences caused by sulfur: 16B (510-64148-19), 17B (510-64148-20).

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: (510-64148-17

MS), (510-64148-17 MSD), 14B (510-64148-17), 15B (510-64148-18), 1C (510-64148-21), 2C (510-64148-22), 3C (510-64148-23), 4C (510-64148-24), 5C (510-64148-25), 6C (510-64148-26), 9C (510-64148-29).

Method(s) 8082: The following samples required two sulfuric acid clean-ups to reduce matrix interferences: 10C (510-64148-30), 7C (510-64148-27), 8C (510-64148-28).

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: 10C (510-64148-30), 7C (510-64148-27), 8C (510-64148-28).

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: 10C (510-64148-30), 7C (510-64148-27), 8C (510-64148-28). Elevated reporting limits (RLs) are provided.

Method(s) 8082: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: 10C (510-64148-30), 7C (510-64148-27), 8C (510-64148-28).

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.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Analysis Batch Number: 77152

Lab Sample ID: STD100 510-77152/3 IC Client Sample ID: \_\_\_\_\_

Date Analyzed: 03/10/11 09:44 Lab File ID: B4161.D GC Column: 8082/608 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.19	Baseline Smoothing	iversc	03/10/11 11:37
PCB-1016 Peak 2	3.61	Baseline Smoothing	iversc	03/10/11 11:37
PCB-1016 Peak 3	4.40	Baseline Smoothing	iversc	03/10/11 11:37
PCB-1016 Peak 4	4.97	Baseline Smoothing	iversc	03/10/11 11:37
PCB-1016 Peak 5	5.52	Baseline Smoothing	iversc	03/10/11 11:37

## SAMPLE SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
510-64148-1	1A	Solid	04/06/2011 1000	04/12/2011 1515
510-64148-2	2A	Solid	04/06/2011 1015	04/12/2011 1515
510-64148-3	3A	Solid	04/06/2011 1030	04/12/2011 1515
510-64148-4	1B	Solid	04/06/2011 1045	04/12/2011 1515
510-64148-5	2B	Solid	04/06/2011 1100	04/12/2011 1515
510-64148-6	3B	Solid	04/06/2011 1115	04/12/2011 1515
510-64148-7	4B	Solid	04/06/2011 1130	04/12/2011 1515
510-64148-8	5B	Solid	04/06/2011 1145	04/12/2011 1515
510-64148-9	6B	Solid	04/06/2011 1200	04/12/2011 1515
510-64148-10	7B	Solid	04/06/2011 1215	04/12/2011 1515
510-64148-11	8B	Solid	04/06/2011 1230	04/12/2011 1515
510-64148-12	9B	Solid	04/06/2011 1245	04/12/2011 1515
510-64148-13	10B	Solid	04/06/2011 1300	04/12/2011 1515
510-64148-14	11B	Solid	04/06/2011 1315	04/12/2011 1515
510-64148-15	12B	Solid	04/06/2011 1330	04/12/2011 1515
510-64148-16	13B	Solid	04/06/2011 1345	04/12/2011 1515
510-64148-17	14B	Solid	04/06/2011 1400	04/12/2011 1515
510-64148-18	15B	Solid	04/06/2011 1415	04/12/2011 1515
510-64148-19	16B	Solid	04/06/2011 1430	04/12/2011 1515
510-64148-20	17B	Solid	04/06/2011 1445	04/12/2011 1515
510-64148-21	1C	Solid	04/06/2011 1500	04/12/2011 1515
510-64148-22	2C	Solid	04/06/2011 1510	04/12/2011 1515
510-64148-23	3C	Solid	04/06/2011 1520	04/12/2011 1515
510-64148-24	4C	Solid	04/06/2011 1530	04/12/2011 1515
510-64148-25	5C	Solid	04/06/2011 1540	04/12/2011 1515
510-64148-26	6C	Solid	04/06/2011 1550	04/12/2011 1515
510-64148-27	7C	Solid	04/06/2011 1600	04/12/2011 1515
510-64148-28	8C	Solid	04/06/2011 1610	04/12/2011 1515
510-64148-29	9C	Solid	04/06/2011 1620	04/12/2011 1515
510-64148-30	10C	Solid	04/06/2011 1630	04/12/2011 1515

## EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>510-64148-1</b>	<b>1A</b>				
PCB-1260		12	1.0	mg/Kg	8082
Percent Moisture		3.1	0.10	%	Moisture
Percent Solids		97	0.10	%	Moisture
<b>510-64148-2</b>	<b>2A</b>				
PCB-1260		12	0.41	mg/Kg	8082
Percent Moisture		3.8	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-3</b>	<b>3A</b>				
PCB-1260		8.6	0.40	mg/Kg	8082
Percent Moisture		4.9	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-4</b>	<b>1B</b>				
PCB-1260		51	2.1	mg/Kg	8082
Percent Moisture		4.9	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-5</b>	<b>2B</b>				
PCB-1260		160	10	mg/Kg	8082
Percent Moisture		5.3	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-6</b>	<b>3B</b>				
PCB-1260		33	2.0	mg/Kg	8082
Percent Moisture		3.5	0.10	%	Moisture
Percent Solids		97	0.10	%	Moisture
<b>510-64148-7</b>	<b>4B</b>				
PCB-1260		28	2.1	mg/Kg	8082
Percent Moisture		3.9	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture



## EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>510-64148-8</b>	<b>5B</b>				
PCB-1260		130	10	mg/Kg	8082
Percent Moisture		4.1	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-9</b>	<b>6B</b>				
PCB-1260		120	4.2	mg/Kg	8082
Percent Moisture		6.2	0.10	%	Moisture
Percent Solids		94	0.10	%	Moisture
<b>510-64148-10</b>	<b>7B</b>				
PCB-1260		82	10	mg/Kg	8082
Percent Moisture		5.0	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-11</b>	<b>8B</b>				
PCB-1260		25	2.1	mg/Kg	8082
Percent Moisture		4.4	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-12</b>	<b>9B</b>				
PCB-1260		1900	100	mg/Kg	8082
Percent Moisture		3.8	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-13</b>	<b>10B</b>				
PCB-1260		2.4	0.20	mg/Kg	8082
Percent Moisture		5.7	0.10	%	Moisture
Percent Solids		94	0.10	%	Moisture
<b>510-64148-14</b>	<b>11B</b>				
PCB-1260		980	41	mg/Kg	8082
Percent Moisture		3.4	0.10	%	Moisture
Percent Solids		97	0.10	%	Moisture

## EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>510-64148-15</b>	<b>12B</b>				
PCB-1260		170	10	mg/Kg	8082
Percent Moisture		6.1	0.10	%	Moisture
Percent Solids		94	0.10	%	Moisture
<b>510-64148-16</b>	<b>13B</b>				
PCB-1260		2500	100	mg/Kg	8082
Percent Moisture		3.6	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-17</b>	<b>14B</b>				
PCB-1260		40	1.0	mg/Kg	8082
Percent Moisture		5.5	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-18</b>	<b>15B</b>				
PCB-1260		8.5	0.42	mg/Kg	8082
Percent Moisture		6.2	0.10	%	Moisture
Percent Solids		94	0.10	%	Moisture
<b>510-64148-19</b>	<b>16B</b>				
PCB-1260		440	20	mg/Kg	8082
Percent Moisture		4.5	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-20</b>	<b>17B</b>				
PCB-1260		150	4.2	mg/Kg	8082
Percent Moisture		4.7	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-21</b>	<b>1C</b>				
PCB-1260		12000	510	mg/Kg	8082
Percent Moisture		5.1	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture

## EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>510-64148-22</b>	<b>2C</b>				
PCB-1260		3400	100	mg/Kg	8082
Percent Moisture		4.8	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-23</b>	<b>3C</b>				
PCB-1260		200	10	mg/Kg	8082
Percent Moisture		4.6	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-24</b>	<b>4C</b>				
PCB-1260		6100	500	mg/Kg	8082
Percent Moisture		4.1	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-25</b>	<b>5C</b>				
PCB-1260		44	1.0	mg/Kg	8082
Percent Moisture		5.0	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture
<b>510-64148-26</b>	<b>6C</b>				
PCB-1260		31	1.0	mg/Kg	8082
Percent Moisture		3.5	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-27</b>	<b>7C</b>				
PCB-1260		570	20	mg/Kg	8082
Percent Moisture		4.4	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-28</b>	<b>8C</b>				
PCB-1260		530	20	mg/Kg	8082
Percent Moisture		3.5	0.10	%	Moisture
Percent Solids		97	0.10	%	Moisture

## EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>510-64148-29</b>	<b>9C</b>				
PCB-1260		240	10	mg/Kg	8082
Percent Moisture		4.3	0.10	%	Moisture
Percent Solids		96	0.10	%	Moisture
<b>510-64148-30</b>	<b>10C</b>				
PCB-1260		2100	100	mg/Kg	8082
Percent Moisture		4.7	0.10	%	Moisture
Percent Solids		95	0.10	%	Moisture

## METHOD SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix Solid</b>			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL VAL	SW846 8082	
Automated Soxhlet Extraction	TAL VAL		SW846 3541
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: 510-64148-1

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
SW846 8082	Ivers, Catherine L	CLI
EPA Moisture	Allen, Tiffany L	TLA

# Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

Client Sample ID: 1A

Lab Sample ID: 510-64148-1

Date Sampled: 04/06/2011 1000

Client Matrix: Solid

% Moisture: 3.1

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79013	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.53 g
Dilution: 50		Final Weight/Volume: 5 mL
Analysis Date: 04/15/2011 1605	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<1.0		1.0
PCB-1221		<1.0		1.0
PCB-1232		<1.0		1.0
PCB-1242		<1.0		1.0
PCB-1248		<1.0		1.0
PCB-1254		<1.0		1.0
PCB-1260		12		1.0

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: 510-64148-1

Client Sample ID: 2A

Lab Sample ID: 510-64148-2

Date Sampled: 04/06/2011 1015

Client Matrix: Solid

% Moisture: 3.8

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79013	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.13 g
Dilution: 20		Final Weight/Volume: 5 mL
Analysis Date: 04/15/2011 1535	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.41		0.41
PCB-1221		<0.41		0.41
PCB-1232		<0.41		0.41
PCB-1242		<0.41		0.41
PCB-1248		<0.41		0.41
PCB-1254		<0.41		0.41
PCB-1260		12		0.41

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: 510-64148-1

Client Sample ID: 3A

Lab Sample ID: 510-64148-3

Date Sampled: 04/06/2011 1030

Client Matrix: Solid

% Moisture: 4.9

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79013	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.58 g
Dilution: 20		Final Weight/Volume: 5 mL
Analysis Date: 04/15/2011 1550	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.40		0.40
PCB-1221		<0.40		0.40
PCB-1232		<0.40		0.40
PCB-1242		<0.40		0.40
PCB-1248		<0.40		0.40
PCB-1254		<0.40		0.40
PCB-1260		8.6		0.40

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: 510-64148-1

Client Sample ID: 1B

Lab Sample ID: 510-64148-4

Date Sampled: 04/06/2011 1045

Client Matrix: Solid

% Moisture: 4.9

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79013	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.08 g
Dilution: 100		Final Weight/Volume: 5 mL
Analysis Date: 04/15/2011 1459	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		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		51		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: 510-64148-1

Client Sample ID: 2B

Lab Sample ID: 510-64148-5

Date Sampled: 04/06/2011 1100

Client Matrix: Solid

% Moisture: 5.3

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.40 g
Dilution: 500		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1120	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		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		160		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: 510-64148-1

Client Sample ID: 3B

Lab Sample ID: 510-64148-6

Date Sampled: 04/06/2011 1115

Client Matrix: Solid

% Moisture: 3.5

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.34 g
Dilution: 100		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1135	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<2.0		2.0
PCB-1221		<2.0		2.0
PCB-1232		<2.0		2.0
PCB-1242		<2.0		2.0
PCB-1248		<2.0		2.0
PCB-1254		<2.0		2.0
PCB-1260		33		2.0

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: 510-64148-1

Client Sample ID: 4B

Lab Sample ID: 510-64148-7

Date Sampled: 04/06/2011 1130

Client Matrix: Solid

% Moisture: 3.9

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.13 g
Dilution: 100		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1150	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		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		28		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: 510-64148-1

Client Sample ID: 5B

Lab Sample ID: 510-64148-8

Date Sampled: 04/06/2011 1145

Client Matrix: Solid

% Moisture: 4.1

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.56 g
Dilution: 500		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1205	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		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		130		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: 510-64148-1

Client Sample ID: 6B

Lab Sample ID: 510-64148-9

Date Sampled: 04/06/2011 1200

Client Matrix: Solid

% Moisture: 6.2

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.25 g
Dilution: 200		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1220	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<4.2		4.2
PCB-1221		<4.2		4.2
PCB-1232		<4.2		4.2
PCB-1242		<4.2		4.2
PCB-1248		<4.2		4.2
PCB-1254		<4.2		4.2
PCB-1260		120		4.2

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

# Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

Client Sample ID: 7B

Lab Sample ID: 510-64148-10

Date Sampled: 04/06/2011 1215

Client Matrix: Solid

% Moisture: 5.0

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.15 g
Dilution: 500		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1235	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		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		82		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: 510-64148-1

Client Sample ID: 8B

Lab Sample ID: 510-64148-11

Date Sampled: 04/06/2011 1230

Client Matrix: Solid

% Moisture: 4.4

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.25 g
Dilution: 100		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1250	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 0756		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		25		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: 510-64148-1

Client Sample ID: 9B

Lab Sample ID: 510-64148-12

Date Sampled: 04/06/2011 1245

Client Matrix: Solid

% Moisture: 3.8

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.15 g
Dilution: 5000		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1503	Run Type: DL3	Injection Volume: 1 uL
Prep Date: 04/14/2011 1037		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<100		100
PCB-1221		<100		100
PCB-1232		<100		100
PCB-1242		<100		100
PCB-1248		<100		100
PCB-1254		<100		100
PCB-1260		1900		100

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: 510-64148-1

Client Sample ID: 10B

Lab Sample ID: 510-64148-13

Date Sampled: 04/06/2011 1300

Client Matrix: Solid

% Moisture: 5.7

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79013	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.58 g
Dilution: 10		Final Weight/Volume: 5 mL
Analysis Date: 04/15/2011 1821	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/14/2011 1037		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		2.4		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: 510-64148-1

Client Sample ID: 11B

Lab Sample ID: 510-64148-14

Date Sampled: 04/06/2011 1315

Client Matrix: Solid

% Moisture: 3.4

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.28 g
Dilution: 2000		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1518	Run Type: DL3	Injection Volume: 1 uL
Prep Date: 04/14/2011 1037		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		980		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: 510-64148-1

Client Sample ID: 12B

Lab Sample ID: 510-64148-15

Date Sampled: 04/06/2011 1330

Client Matrix: Solid

% Moisture: 6.1

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.24 g
Dilution: 500		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1335	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/14/2011 1037		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		170		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: 510-64148-1

Client Sample ID: 13B

Lab Sample ID: 510-64148-16

Date Sampled: 04/06/2011 1345

Client Matrix: Solid

% Moisture: 3.6

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79092	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-78933	Initial Weight/Volume: 15.11 g
Dilution: 5000		Final Weight/Volume: 5 mL
Analysis Date: 04/18/2011 1533	Run Type: DL3	Injection Volume: 1 uL
Prep Date: 04/14/2011 1037		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<100		100
PCB-1221		<100		100
PCB-1232		<100		100
PCB-1242		<100		100
PCB-1248		<100		100
PCB-1254		<100		100
PCB-1260		2500		100

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: 510-64148-1

Client Sample ID: 14B

Lab Sample ID: 510-64148-17

Date Sampled: 04/06/2011 1400

Client Matrix: Solid

% Moisture: 5.5

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.42 g
Dilution: 50		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1121	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<1.0		1.0
PCB-1221		<1.0		1.0
PCB-1232		<1.0		1.0
PCB-1242		<1.0		1.0
PCB-1248		<1.0		1.0
PCB-1254		<1.0		1.0
PCB-1260		40		1.0

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: 510-64148-1

Client Sample ID: 15B

Lab Sample ID: 510-64148-18

Date Sampled: 04/06/2011 1415

Client Matrix: Solid

% Moisture: 6.2

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.24 g
Dilution: 20		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1206	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<0.42		0.42
PCB-1221		<0.42		0.42
PCB-1232		<0.42		0.42
PCB-1242		<0.42		0.42
PCB-1248		<0.42		0.42
PCB-1254		<0.42		0.42
PCB-1260		8.5		0.42

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: 510-64148-1

Client Sample ID: 16B

Lab Sample ID: 510-64148-19

Date Sampled: 04/06/2011 1430

Client Matrix: Solid

% Moisture: 4.5

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.40 g
Dilution: 1000		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1221	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<20		20
PCB-1221		<20		20
PCB-1232		<20		20
PCB-1242		<20		20
PCB-1248		<20		20
PCB-1254		<20		20
PCB-1260		440		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: 510-64148-1

Client Sample ID: 17B

Lab Sample ID: 510-64148-20

Date Sampled: 04/06/2011 1445

Client Matrix: Solid

% Moisture: 4.7

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.13 g
Dilution: 200		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1236	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<4.2		4.2
PCB-1221		<4.2		4.2
PCB-1232		<4.2		4.2
PCB-1242		<4.2		4.2
PCB-1248		<4.2		4.2
PCB-1254		<4.2		4.2
PCB-1260		150		4.2

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

# Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

Client Sample ID: 1C

Lab Sample ID: 510-64148-21

Date Sampled: 04/06/2011 1500

Client Matrix: Solid

% Moisture: 5.1

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	510-79155	Instrument ID:	SGCA
Prep Method:	3541	Prep Batch:	510-79020	Initial Weight/Volume:	15.46 g
Dilution:	25000			Final Weight/Volume:	5 mL
Analysis Date:	04/19/2011 1556	Run Type:	DL2	Injection Volume:	1 uL
Prep Date:	04/15/2011 1052			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<510		510
PCB-1221		<510		510
PCB-1232		<510		510
PCB-1242		<510		510
PCB-1248		<510		510
PCB-1254		<510		510
PCB-1260		12000		510

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: 510-64148-1

Client Sample ID: 2C

Lab Sample ID: 510-64148-22

Date Sampled: 04/06/2011 1510

Client Matrix: Solid

% Moisture: 4.8

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.18 g
Dilution: 5000		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1315	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<100		100
PCB-1221		<100		100
PCB-1232		<100		100
PCB-1242		<100		100
PCB-1248		<100		100
PCB-1254		<100		100
PCB-1260		3400		100

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: 510-64148-1

Client Sample ID: 3C

Lab Sample ID: 510-64148-23

Date Sampled: 04/06/2011 1520

Client Matrix: Solid

% Moisture: 4.6

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.73 g
Dilution: 500		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1345	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		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		200		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: 510-64148-1

Client Sample ID: 4C

Lab Sample ID: 510-64148-24

Date Sampled: 04/06/2011 1530

Client Matrix: Solid

% Moisture: 4.1

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.79 g
Dilution: 25000		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1611	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<500		500
PCB-1221		<500		500
PCB-1232		<500		500
PCB-1242		<500		500
PCB-1248		<500		500
PCB-1254		<500		500
PCB-1260		6100		500

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: 510-64148-1

Client Sample ID: 5C

Lab Sample ID: 510-64148-25

Date Sampled: 04/06/2011 1540

Client Matrix: Solid

% Moisture: 5.0

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.20 g
Dilution: 50		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1425	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<1.0		1.0
PCB-1221		<1.0		1.0
PCB-1232		<1.0		1.0
PCB-1242		<1.0		1.0
PCB-1248		<1.0		1.0
PCB-1254		<1.0		1.0
PCB-1260		44		1.0

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: 510-64148-1

Client Sample ID: 6C

Lab Sample ID: 510-64148-26

Date Sampled: 04/06/2011 1550

Client Matrix: Solid

% Moisture: 3.5

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79155	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.51 g
Dilution: 50		Final Weight/Volume: 5 mL
Analysis Date: 04/19/2011 1440	Run Type: DL	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<1.0		1.0
PCB-1221		<1.0		1.0
PCB-1232		<1.0		1.0
PCB-1242		<1.0		1.0
PCB-1248		<1.0		1.0
PCB-1254		<1.0		1.0
PCB-1260		31		1.0

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: 510-64148-1

Client Sample ID: 7C

Lab Sample ID: 510-64148-27

Date Sampled: 04/06/2011 1600

Client Matrix: Solid

% Moisture: 4.4

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79231	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.80 g
Dilution: 1000		Final Weight/Volume: 5 mL
Analysis Date: 04/20/2011 1110	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<20		20
PCB-1221		<20		20
PCB-1232		<20		20
PCB-1242		<20		20
PCB-1248		<20		20
PCB-1254		<20		20
PCB-1260		570		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: 510-64148-1

Client Sample ID: 8C

Lab Sample ID: 510-64148-28

Date Sampled: 04/06/2011 1610

Client Matrix: Solid

% Moisture: 3.5

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79231	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.80 g
Dilution: 1000		Final Weight/Volume: 5 mL
Analysis Date: 04/20/2011 1125	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<20		20
PCB-1221		<20		20
PCB-1232		<20		20
PCB-1242		<20		20
PCB-1248		<20		20
PCB-1254		<20		20
PCB-1260		530		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: 510-64148-1

Client Sample ID: 9C

Lab Sample ID: 510-64148-29

Date Sampled: 04/06/2011 1620

Client Matrix: Solid

% Moisture: 4.3

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	510-79155	Instrument ID:	SGCA
Prep Method:	3541	Prep Batch:	510-79020	Initial Weight/Volume:	15.50 g
Dilution:	500			Final Weight/Volume:	5 mL
Analysis Date:	04/19/2011 1525	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	04/15/2011 1052			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		240		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: 510-64148-1

Client Sample ID: 10C

Lab Sample ID: 510-64148-30

Date Sampled: 04/06/2011 1630

Client Matrix: Solid

% Moisture: 4.7

Date Received: 04/12/2011 1515

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 510-79231	Instrument ID: SGCA
Prep Method: 3541	Prep Batch: 510-79020	Initial Weight/Volume: 15.52 g
Dilution: 5000		Final Weight/Volume: 5 mL
Analysis Date: 04/20/2011 1140	Run Type: DL2	Injection Volume: 1 uL
Prep Date: 04/15/2011 1052		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
PCB-1016		<100		100
PCB-1221		<100		100
PCB-1232		<100		100
PCB-1242		<100		100
PCB-1248		<100		100
PCB-1254		<100		100
PCB-1260		2100		100

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

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 1A**

Lab Sample ID: 510-64148-1

Date Sampled: 04/06/2011 1000

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.1		%	0.10	1.0	Moisture
	Analysis Batch: 510-79056	Analysis Date: 04/16/2011 1151				DryWt Corrected: N
Percent Solids	97		%	0.10	1.0	Moisture
	Analysis Batch: 510-79056	Analysis Date: 04/16/2011 1151				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 2A**

Lab Sample ID: 510-64148-2

Date Sampled: 04/06/2011 1015

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.8		%	0.10	1.0	Moisture
	Analysis Batch: 510-79056	Analysis Date: 04/16/2011 1151				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-79056	Analysis Date: 04/16/2011 1151				DryWt Corrected: N

# Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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## General Chemistry

**Client Sample ID:** 3A

Lab Sample ID: 510-64148-3

Client Matrix: Solid

Date Sampled: 04/06/2011 1030

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.9		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 1B**

Lab Sample ID: 510-64148-4

Date Sampled: 04/06/2011 1045

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.9		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011	1041			DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011	1041			DryWt Corrected: N



# Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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## General Chemistry

**Client Sample ID: 2B**

Lab Sample ID: 510-64148-5

Date Sampled: 04/06/2011 1100

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	5.3		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 3B**

Lab Sample ID: 510-64148-6

Date Sampled: 04/06/2011 1115

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.5		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	97		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 4B**

Lab Sample ID: 510-64148-7

Date Sampled: 04/06/2011 1130

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.9		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 5B**

Lab Sample ID: 510-64148-8

Date Sampled: 04/06/2011 1145

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.1		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 6B**

Lab Sample ID: 510-64148-9

Date Sampled: 04/06/2011 1200

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	6.2		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	94		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 7B**

Lab Sample ID: 510-64148-10

Date Sampled: 04/06/2011 1215

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	5.0		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 8B**

Lab Sample ID: 510-64148-11

Date Sampled: 04/06/2011 1230

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.4		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 9B**

Lab Sample ID: 510-64148-12

Date Sampled: 04/06/2011 1245

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.8		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N



Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 10B**

Lab Sample ID: 510-64148-13

Date Sampled: 04/06/2011 1300

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	5.7		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	94		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

# Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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## General Chemistry

**Client Sample ID:** 11B

Lab Sample ID: 510-64148-14

Client Matrix: Solid

Date Sampled: 04/06/2011 1315

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.4		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	97		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 12B**

Lab Sample ID: 510-64148-15

Date Sampled: 04/06/2011 1330

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	6.1		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	94		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 13B**

Lab Sample ID: 510-64148-16

Date Sampled: 04/06/2011 1345

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.6		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 14B**

Lab Sample ID: 510-64148-17

Date Sampled: 04/06/2011 1400

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	5.5		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011	1041			DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011	1041			DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 15B**

Lab Sample ID: 510-64148-18

Date Sampled: 04/06/2011 1415

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	6.2		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N
Percent Solids	94		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011 1041				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 16B**

Lab Sample ID: 510-64148-19

Date Sampled: 04/06/2011 1430

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.5		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011	1041			DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-79053	Analysis Date: 04/16/2011	1041			DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 17B**

Lab Sample ID: 510-64148-20

Date Sampled: 04/06/2011 1445

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.7		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N



Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 1C**

Lab Sample ID: 510-64148-21

Date Sampled: 04/06/2011 1500

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	5.1		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 2C**

Lab Sample ID: 510-64148-22

Date Sampled: 04/06/2011 1510

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.8		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

---

**General Chemistry**

**Client Sample ID: 3C**

Lab Sample ID: 510-64148-23

Date Sampled: 04/06/2011 1520

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.6		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N

# Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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## General Chemistry

**Client Sample ID: 4C**

Lab Sample ID: 510-64148-24

Date Sampled: 04/06/2011 1530

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.1		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 5C**

Lab Sample ID: 510-64148-25

Date Sampled: 04/06/2011 1540

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	5.0		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 6C**

Lab Sample ID: 510-64148-26

Date Sampled: 04/06/2011 1550

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.5		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N

# Analytical Data

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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## General Chemistry

**Client Sample ID:** 7C

Lab Sample ID: 510-64148-27

Client Matrix: Solid

Date Sampled: 04/06/2011 1600

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.4		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 8C**

Lab Sample ID: 510-64148-28

Date Sampled: 04/06/2011 1610

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	3.5		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	97		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N



Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 9C**

Lab Sample ID: 510-64148-29

Date Sampled: 04/06/2011 1620

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.3		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	96		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

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**General Chemistry**

**Client Sample ID: 10C**

Lab Sample ID: 510-64148-30

Date Sampled: 04/06/2011 1630

Client Matrix: Solid

Date Received: 04/12/2011 1515

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.7		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				DryWt Corrected: N
Percent Solids	95		%	0.10	1.0	Moisture
	Analysis Batch: 510-78988	Analysis Date: 04/14/2011 1644				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
510-64148-1 DL2	1A DL2	0D	0D
510-64148-2 DL	2A DL	0D	0D
510-64148-3 DL	3A DL	0D	0D
510-64148-4 DL	1B DL	0D	0D
510-64148-5 DL2	2B DL2	0D	0D
510-64148-6 DL2	3B DL2	0D	0D
510-64148-7 DL2	4B DL2	0D	0D
510-64148-8 DL2	5B DL2	0D	0D
510-64148-9 DL2	6B DL2	0D	0D
510-64148-10 DL2	7B DL2	0D	0D
510-64148-11 DL2	8B DL2	0D	0D
510-64148-12 DL3	9B DL3	0D	0D
510-64148-13 DL	10B DL	0D	0D
510-64148-14 DL3	11B DL3	0D	0D
510-64148-15 DL2	12B DL2	0D	0D
510-64148-16 DL3	13B DL3	0D	0D
510-64148-17 DL	14B DL	0D	0D
510-64148-18 DL	15B DL	0D	0D
510-64148-19 DL	16B DL	0D	0D
510-64148-20 DL	17B DL	0D	0D
510-64148-21 DL2	1C DL2	0D	0D
510-64148-22 DL	2C DL	0D	0D
510-64148-23 DL	3C DL	0D	0D
510-64148-24 DL2	4C DL2	0D	0D
510-64148-25 DL	5C DL	0D	0D
510-64148-26 DL	6C DL	0D	0D
510-64148-27 DL2	7C DL2	0D	0D
510-64148-28 DL2	8C DL2	0D	0D
510-64148-29 DL	9C DL	0D	0D

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

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBC1 %Rec	DCB1 %Rec
510-64148-30 DL2	10C DL2	0D	0D
MB 510-78933/1-A		72	94
MB 510-79020/1-A		80	114
LCS 510-78933/2-A		76	106
LCS 510-79020/2-A		91	109
510-64148-17 MS DL	14B MS DL	0D	0D
510-64148-17 MSD DL	14B 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: 510-64148-1

## Method Blank - Batch: 510-78933

Lab Sample ID: MB 510-78933/1-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Analysis Date: 04/15/2011 1230  
 Prep Date: 04/14/2011 0756  
 Leach Date: N/A

Analysis Batch: 510-79013  
 Prep Batch: 510-78933  
 Leach Batch: N/A  
 Units: mg/Kg

## Method: 8082 Preparation: 3541

Instrument ID: SGCA  
 Lab File ID: B4588.D  
 Initial Weight/Volume: 30 g  
 Final Weight/Volume: 5 mL  
 Injection Volume: 1 uL  
 Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	<0.010		0.010
PCB-1221	<0.010		0.010
PCB-1232	<0.010		0.010
PCB-1242	<0.010		0.010
PCB-1248	<0.010		0.010
PCB-1254	<0.010		0.010
PCB-1260	<0.010		0.010

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	14 - 147
Dibutylchloroendate	72	10 - 132

## Lab Control Sample - Batch: 510-78933

Lab Sample ID: LCS 510-78933/2-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Analysis Date: 04/15/2011 1245  
 Prep Date: 04/14/2011 0756  
 Leach Date: N/A

Analysis Batch: 510-79013  
 Prep Batch: 510-78933  
 Leach Batch: N/A  
 Units: mg/Kg

## Method: 8082 Preparation: 3541

Instrument ID: SGCA  
 Lab File ID: B4589.D  
 Initial Weight/Volume: 30 g  
 Final Weight/Volume: 5 mL  
 Injection Volume: 1 uL  
 Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.167	0.174	104	71 - 118	
PCB-1260	0.167	0.179	107	72 - 125	

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

# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Method Blank - Batch: 510-79020

Lab Sample ID: MB 510-79020/1-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Analysis Date: 04/19/2011 1051  
 Prep Date: 04/15/2011 1052  
 Leach Date: N/A

Analysis Batch: 510-79155  
 Prep Batch: 510-79020  
 Leach Batch: N/A  
 Units: mg/Kg

## Method: 8082 Preparation: 3541

Instrument ID: SGCA  
 Lab File ID: B4656.D  
 Initial Weight/Volume: 30 g  
 Final Weight/Volume: 5 mL  
 Injection Volume: 1 uL  
 Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	<0.010		0.010
PCB-1221	<0.010		0.010
PCB-1232	<0.010		0.010
PCB-1242	<0.010		0.010
PCB-1248	<0.010		0.010
PCB-1254	<0.010		0.010
PCB-1260	<0.010		0.010

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	114	14 - 147
Dibutylchloroendate	80	10 - 132

## Lab Control Sample - Batch: 510-79020

Lab Sample ID: LCS 510-79020/2-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Analysis Date: 04/19/2011 1106  
 Prep Date: 04/15/2011 1052  
 Leach Date: N/A

Analysis Batch: 510-79155  
 Prep Batch: 510-79020  
 Leach Batch: N/A  
 Units: mg/Kg

## Method: 8082 Preparation: 3541

Instrument ID: SGCA  
 Lab File ID: B4657.D  
 Initial Weight/Volume: 30 g  
 Final Weight/Volume: 5 mL  
 Injection Volume: 1 uL  
 Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.167	0.179	107	71 - 118	
PCB-1260	0.167	0.192	115	72 - 125	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	14 - 147
Dibutylchloroendate	91	10 - 132

## Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 510-79020**

**Method: 8082  
Preparation: 3541**

MS Lab Sample ID: 510-64148-17DL	Analysis Batch: 510-79155	Instrument ID: SGCA
Client Matrix: Solid	Prep Batch: 510-79020	Lab File ID: B4659.D
Dilution: 50	Leach Batch: N/A	Initial Weight/Volume: 15.32 g
Analysis Date: 04/19/2011 1136	Run Type: DL	Final Weight/Volume: 5 mL
Prep Date: 04/15/2011 1052		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

MSD Lab Sample ID: 510-64148-17DL	Analysis Batch: 510-79155	Instrument ID: SGCA
Client Matrix: Solid	Prep Batch: 510-79020	Lab File ID: B4660.D
Dilution: 50	Leach Batch: N/A	Initial Weight/Volume: 15.27 g
Analysis Date: 04/19/2011 1151	Run Type: DL	Final Weight/Volume: 5 mL
Prep Date: 04/15/2011 1052		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	0	0	71 - 118	NC	30	F	F
PCB-1260	3922	-4964	72 - 125	81	30	E 4	4 F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	0	D	0	D	14 - 147		
Dibutylchloroendate	0	D	0	D	10 - 132		

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 510-79020**

**Method: 8082  
Preparation: 3541**

MS Lab Sample ID: 510-64148-17DL	Units: mg/Kg	MSD Lab Sample ID: 510-64148-17DL
Client Matrix: Solid		Client Matrix: Solid
Dilution: 50		Dilution: 50
Analysis Date: 04/19/2011 1136		Analysis Date: 04/19/2011 1151
Prep Date: 04/15/2011 1052		Prep Date: 04/15/2011 1052
Leach Date: N/A		Leach Date: N/A
Run Type: DL		Run Type: DL

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	<1.0	0.346	0.347	<1.0 F	<1.0 F
PCB-1260	40	0.346	0.347	53.3 E 4	22.5 4 F

# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Method Blank - Batch: 510-78988

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

Lab Sample ID: MB 510-78988/1  
Client Matrix: Solid  
Dilution: 1.0  
Analysis Date: 04/14/2011 1644  
Prep Date: N/A  
Leach Date: N/A

Analysis Batch: 510-78988  
Prep Batch: N/A  
Leach Batch: N/A  
Units: %

Instrument ID: GBALB  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume:

Analyte	Result	Qual	RL
Percent Moisture	100		0.10
Percent Solids	0.028		0.10



# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Method Blank - Batch: 510-79053

### Method: Moisture Preparation: N/A

Lab Sample ID: MB 510-79053/1  
Client Matrix: Solid  
Dilution: 1.0  
Analysis Date: 04/16/2011 1041  
Prep Date: N/A  
Leach Date: N/A

Analysis Batch: 510-79053  
Prep Batch: N/A  
Leach Batch: N/A  
Units: %

Instrument ID: GBALB  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume:

Analyte	Result	Qual	RL
Percent Moisture	100		0.10
Percent Solids	0.034		0.10

## Duplicate - Batch: 510-79053

### Method: Moisture Preparation: N/A

Lab Sample ID: 510-64148-12  
Client Matrix: Solid  
Dilution: 1.0  
Analysis Date: 04/16/2011 1041  
Prep Date: N/A  
Leach Date: N/A

Analysis Batch: 510-79053  
Prep Batch: N/A  
Leach Batch: N/A  
Units: %

Instrument ID: GBALB  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	3.8	4.5	17	20	
Percent Solids	96	95	0.7	20	

# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Method Blank - Batch: 510-79056

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

Lab Sample ID: MB 510-79056/1  
Client Matrix: Solid  
Dilution: 1.0  
Analysis Date: 04/16/2011 1151  
Prep Date: N/A  
Leach Date: N/A

Analysis Batch: 510-79056  
Prep Batch: N/A  
Leach Batch: N/A  
Units: %

Instrument ID: GBALB  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume:

Analyte	Result	Qual	RL
Percent Moisture	100		0.10
Percent Solids	0.028		0.10

## DATA REPORTING QUALIFIERS

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC Semi VOA		
	F	MS or MSD exceeds the control limits
	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.
	E	Result exceeded calibration range.
	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: 510-64148-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 510-78933</b>					
LCS 510-78933/2-A	Lab Control Sample	T	Solid	3541	
MB 510-78933/1-A	Method Blank	T	Solid	3541	
510-64148-1DL2	1A	T	Solid	3541	
510-64148-2DL	2A	T	Solid	3541	
510-64148-3DL	3A	T	Solid	3541	
510-64148-4DL	1B	T	Solid	3541	
510-64148-5DL2	2B	T	Solid	3541	
510-64148-6DL2	3B	T	Solid	3541	
510-64148-7DL2	4B	T	Solid	3541	
510-64148-8DL2	5B	T	Solid	3541	
510-64148-9DL2	6B	T	Solid	3541	
510-64148-10DL2	7B	T	Solid	3541	
510-64148-11DL2	8B	T	Solid	3541	
510-64148-12DL3	9B	T	Solid	3541	
510-64148-13DL	10B	T	Solid	3541	
510-64148-14DL3	11B	T	Solid	3541	
510-64148-15DL2	12B	T	Solid	3541	
510-64148-16DL3	13B	T	Solid	3541	
<b>Analysis Batch:510-79013</b>					
LCS 510-78933/2-A	Lab Control Sample	T	Solid	8082	510-78933
MB 510-78933/1-A	Method Blank	T	Solid	8082	510-78933
510-64148-1DL2	1A	T	Solid	8082	510-78933
510-64148-2DL	2A	T	Solid	8082	510-78933
510-64148-3DL	3A	T	Solid	8082	510-78933
510-64148-4DL	1B	T	Solid	8082	510-78933
510-64148-13DL	10B	T	Solid	8082	510-78933

## Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 510-79020</b>					
LCS 510-79020/2-A	Lab Control Sample	T	Solid	3541	
MB 510-79020/1-A	Method Blank	T	Solid	3541	
510-64148-17DL	14B	T	Solid	3541	
510-64148-17MSDL	Matrix Spike	T	Solid	3541	
510-64148-17MSDDL	Matrix Spike Duplicate	T	Solid	3541	
510-64148-18DL	15B	T	Solid	3541	
510-64148-19DL	16B	T	Solid	3541	
510-64148-20DL	17B	T	Solid	3541	
510-64148-21DL2	1C	T	Solid	3541	
510-64148-22DL	2C	T	Solid	3541	
510-64148-23DL	3C	T	Solid	3541	
510-64148-24DL2	4C	T	Solid	3541	
510-64148-25DL	5C	T	Solid	3541	
510-64148-26DL	6C	T	Solid	3541	
510-64148-27DL2	7C	T	Solid	3541	
510-64148-28DL2	8C	T	Solid	3541	
510-64148-29DL	9C	T	Solid	3541	
510-64148-30DL2	10C	T	Solid	3541	
<b>Analysis Batch:510-79092</b>					
510-64148-5DL2	2B	T	Solid	8082	510-78933
510-64148-6DL2	3B	T	Solid	8082	510-78933
510-64148-7DL2	4B	T	Solid	8082	510-78933
510-64148-8DL2	5B	T	Solid	8082	510-78933
510-64148-9DL2	6B	T	Solid	8082	510-78933
510-64148-10DL2	7B	T	Solid	8082	510-78933
510-64148-11DL2	8B	T	Solid	8082	510-78933
510-64148-12DL3	9B	T	Solid	8082	510-78933
510-64148-14DL3	11B	T	Solid	8082	510-78933
510-64148-15DL2	12B	T	Solid	8082	510-78933
510-64148-16DL3	13B	T	Solid	8082	510-78933

## Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Analysis Batch:510-79155</b>					
LCS 510-79020/2-A	Lab Control Sample	T	Solid	8082	510-79020
MB 510-79020/1-A	Method Blank	T	Solid	8082	510-79020
510-64148-17DL	14B	T	Solid	8082	510-79020
510-64148-17MSDL	Matrix Spike	T	Solid	8082	510-79020
510-64148-17MSDDL	Matrix Spike Duplicate	T	Solid	8082	510-79020
510-64148-18DL	15B	T	Solid	8082	510-79020
510-64148-19DL	16B	T	Solid	8082	510-79020
510-64148-20DL	17B	T	Solid	8082	510-79020
510-64148-21DL2	1C	T	Solid	8082	510-79020
510-64148-22DL	2C	T	Solid	8082	510-79020
510-64148-23DL	3C	T	Solid	8082	510-79020
510-64148-24DL2	4C	T	Solid	8082	510-79020
510-64148-25DL	5C	T	Solid	8082	510-79020
510-64148-26DL	6C	T	Solid	8082	510-79020
510-64148-29DL	9C	T	Solid	8082	510-79020
<b>Analysis Batch:510-79231</b>					
510-64148-27DL2	7C	T	Solid	8082	510-79020
510-64148-28DL2	8C	T	Solid	8082	510-79020
510-64148-30DL2	10C	T	Solid	8082	510-79020

#### Report Basis

T = Total

## Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>General Chemistry</b>					
<b>Analysis Batch:510-78988</b>					
MB 510-78988/1	Method Blank	T	Solid	Moisture	
510-64148-20	17B	T	Solid	Moisture	
510-64148-21	1C	T	Solid	Moisture	
510-64148-22	2C	T	Solid	Moisture	
510-64148-23	3C	T	Solid	Moisture	
510-64148-24	4C	T	Solid	Moisture	
510-64148-25	5C	T	Solid	Moisture	
510-64148-26	6C	T	Solid	Moisture	
510-64148-27	7C	T	Solid	Moisture	
510-64148-28	8C	T	Solid	Moisture	
510-64148-29	9C	T	Solid	Moisture	
510-64148-30	10C	T	Solid	Moisture	
<b>Analysis Batch:510-79053</b>					
MB 510-79053/1	Method Blank	T	Solid	Moisture	
510-64148-3	3A	T	Solid	Moisture	
510-64148-4	1B	T	Solid	Moisture	
510-64148-5	2B	T	Solid	Moisture	
510-64148-6	3B	T	Solid	Moisture	
510-64148-7	4B	T	Solid	Moisture	
510-64148-8	5B	T	Solid	Moisture	
510-64148-9	6B	T	Solid	Moisture	
510-64148-10	7B	T	Solid	Moisture	
510-64148-11	8B	T	Solid	Moisture	
510-64148-12	9B	T	Solid	Moisture	
510-64148-12DU	Duplicate	T	Solid	Moisture	
510-64148-13	10B	T	Solid	Moisture	
510-64148-14	11B	T	Solid	Moisture	
510-64148-15	12B	T	Solid	Moisture	
510-64148-16	13B	T	Solid	Moisture	
510-64148-17	14B	T	Solid	Moisture	
510-64148-18	15B	T	Solid	Moisture	
510-64148-19	16B	T	Solid	Moisture	
<b>Analysis Batch:510-79056</b>					
MB 510-79056/1	Method Blank	T	Solid	Moisture	
510-64148-1	1A	T	Solid	Moisture	
510-64148-2	2A	T	Solid	Moisture	

**Report Basis**

T = Total

# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Laboratory Chronicle

Lab ID: 510-64148-1

Client ID: 1A

Sample Date/Time: 04/06/2011 10:00 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-1-A	DL2	510-79013	510-78933	04/14/2011 07:56	50	TAL VAL	SNP
A:8082	510-64148-A-1-A	DL2	510-79013	510-78933	04/15/2011 16:05	50	TAL VAL	CLI
A:Moisture	510-64148-A-1		510-79056		04/16/2011 11:51	1	TAL VAL	TLA

Lab ID: 510-64148-2

Client ID: 2A

Sample Date/Time: 04/06/2011 10:15 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-2-A	DL	510-79013	510-78933	04/14/2011 07:56	20	TAL VAL	SNP
A:8082	510-64148-A-2-A	DL	510-79013	510-78933	04/15/2011 15:35	20	TAL VAL	CLI
A:Moisture	510-64148-A-2		510-79056		04/16/2011 11:51	1	TAL VAL	TLA

Lab ID: 510-64148-3

Client ID: 3A

Sample Date/Time: 04/06/2011 10:30 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-3-A	DL	510-79013	510-78933	04/14/2011 07:56	20	TAL VAL	SNP
A:8082	510-64148-A-3-A	DL	510-79013	510-78933	04/15/2011 15:50	20	TAL VAL	CLI
A:Moisture	510-64148-A-3		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-4

Client ID: 1B

Sample Date/Time: 04/06/2011 10:45 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-4-A	DL	510-79013	510-78933	04/14/2011 07:56	100	TAL VAL	SNP
A:8082	510-64148-A-4-A	DL	510-79013	510-78933	04/15/2011 14:59	100	TAL VAL	CLI
A:Moisture	510-64148-A-4		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-5

Client ID: 2B

Sample Date/Time: 04/06/2011 11:00 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-5-A	DL2	510-79092	510-78933	04/14/2011 07:56	500	TAL VAL	SNP
A:8082	510-64148-A-5-A	DL2	510-79092	510-78933	04/18/2011 11:20	500	TAL VAL	CLI
A:Moisture	510-64148-A-5		510-79053		04/16/2011 10:41	1	TAL VAL	TLA



# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Laboratory Chronicle

Lab ID: 510-64148-6

Client ID: 3B

Sample Date/Time: 04/06/2011 11:15 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-6-A	DL2	510-79092	510-78933	04/14/2011 07:56	100	TAL VAL	SNP
A:8082	510-64148-A-6-A	DL2	510-79092	510-78933	04/18/2011 11:35	100	TAL VAL	CLI
A:Moisture	510-64148-A-6		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-7

Client ID: 4B

Sample Date/Time: 04/06/2011 11:30 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-7-A	DL2	510-79092	510-78933	04/14/2011 07:56	100	TAL VAL	SNP
A:8082	510-64148-A-7-A	DL2	510-79092	510-78933	04/18/2011 11:50	100	TAL VAL	CLI
A:Moisture	510-64148-A-7		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-8

Client ID: 5B

Sample Date/Time: 04/06/2011 11:45 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-8-A	DL2	510-79092	510-78933	04/14/2011 07:56	500	TAL VAL	SNP
A:8082	510-64148-A-8-A	DL2	510-79092	510-78933	04/18/2011 12:05	500	TAL VAL	CLI
A:Moisture	510-64148-A-8		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-9

Client ID: 6B

Sample Date/Time: 04/06/2011 12:00 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-9-A	DL2	510-79092	510-78933	04/14/2011 07:56	200	TAL VAL	SNP
A:8082	510-64148-A-9-A	DL2	510-79092	510-78933	04/18/2011 12:20	200	TAL VAL	CLI
A:Moisture	510-64148-A-9		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-10

Client ID: 7B

Sample Date/Time: 04/06/2011 12:15 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-10-A	DL2	510-79092	510-78933	04/14/2011 07:56	500	TAL VAL	SNP
A:8082	510-64148-A-10-A	DL2	510-79092	510-78933	04/18/2011 12:35	500	TAL VAL	CLI
A:Moisture	510-64148-A-10		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Laboratory Chronicle

Lab ID: 510-64148-11

Client ID: 8B

Sample Date/Time: 04/06/2011 12:30 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-11-A	DL2	510-79092	510-78933	04/14/2011 07:56	100	TAL VAL	SNP
A:8082	510-64148-A-11-A	DL2	510-79092	510-78933	04/18/2011 12:50	100	TAL VAL	CLI
A:Moisture	510-64148-A-11		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-12

Client ID: 9B

Sample Date/Time: 04/06/2011 12:45 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-12-A	DL3	510-79092	510-78933	04/14/2011 10:37	5000	TAL VAL	SNP
A:8082	510-64148-A-12-A	DL3	510-79092	510-78933	04/18/2011 15:03	5000	TAL VAL	CLI
A:Moisture	510-64148-A-12		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-12 DU

Client ID: 9B

Sample Date/Time: 04/06/2011 12:45 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	510-64148-A-12 DU		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-13

Client ID: 10B

Sample Date/Time: 04/06/2011 13:00 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-13-A	DL	510-79013	510-78933	04/14/2011 10:37	10	TAL VAL	SNP
A:8082	510-64148-A-13-A	DL	510-79013	510-78933	04/15/2011 18:21	10	TAL VAL	CLI
A:Moisture	510-64148-A-13		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-14

Client ID: 11B

Sample Date/Time: 04/06/2011 13:15 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-14-A	DL3	510-79092	510-78933	04/14/2011 10:37	2000	TAL VAL	SNP
A:8082	510-64148-A-14-A	DL3	510-79092	510-78933	04/18/2011 15:18	2000	TAL VAL	CLI
A:Moisture	510-64148-A-14		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

## Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

### Laboratory Chronicle

**Lab ID: 510-64148-15**

**Client ID: 12B**

Sample Date/Time: 04/06/2011 13:30    Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3541	510-64148-A-15-A	DL2	510-79092	510-78933	04/14/2011	10:37	500	TAL VAL	SNP
A:8082	510-64148-A-15-A	DL2	510-79092	510-78933	04/18/2011	13:35	500	TAL VAL	CLI
A:Moisture	510-64148-A-15		510-79053		04/16/2011	10:41	1	TAL VAL	TLA

**Lab ID: 510-64148-16**

**Client ID: 13B**

Sample Date/Time: 04/06/2011 13:45    Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3541	510-64148-A-16-A	DL3	510-79092	510-78933	04/14/2011	10:37	5000	TAL VAL	SNP
A:8082	510-64148-A-16-A	DL3	510-79092	510-78933	04/18/2011	15:33	5000	TAL VAL	CLI
A:Moisture	510-64148-A-16		510-79053		04/16/2011	10:41	1	TAL VAL	TLA

**Lab ID: 510-64148-17**

**Client ID: 14B**

Sample Date/Time: 04/06/2011 14:00    Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3541	510-64148-A-17-A	DL	510-79155	510-79020	04/15/2011	10:52	50	TAL VAL	SNP
A:8082	510-64148-A-17-A	DL	510-79155	510-79020	04/19/2011	11:21	50	TAL VAL	CLI
A:Moisture	510-64148-A-17		510-79053		04/16/2011	10:41	1	TAL VAL	TLA

**Lab ID: 510-64148-17 MS**

**Client ID: 14B**

Sample Date/Time: 04/06/2011 14:00    Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3541	510-64148-A-17-B MS	DL	510-79155	510-79020	04/15/2011	10:52	50	TAL VAL	SNP
A:8082	510-64148-A-17-B MS	DL	510-79155	510-79020	04/19/2011	11:36	50	TAL VAL	CLI

**Lab ID: 510-64148-17 MSD**

**Client ID: 14B**

Sample Date/Time: 04/06/2011 14:00    Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3541	510-64148-A-17-C MSD	DL	510-79155	510-79020	04/15/2011	10:52	50	TAL VAL	SNP
A:8082	510-64148-A-17-C MSD	DL	510-79155	510-79020	04/19/2011	11:51	50	TAL VAL	CLI

# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Laboratory Chronicle

Lab ID: 510-64148-18

Client ID: 15B

Sample Date/Time: 04/06/2011 14:15 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-18-A	DL	510-79155	510-79020	04/15/2011 10:52	20	TAL VAL	SNP
A:8082	510-64148-A-18-A	DL	510-79155	510-79020	04/19/2011 12:06	20	TAL VAL	CLI
A:Moisture	510-64148-A-18		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-19

Client ID: 16B

Sample Date/Time: 04/06/2011 14:30 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-19-A	DL	510-79155	510-79020	04/15/2011 10:52	1000	TAL VAL	SNP
A:8082	510-64148-A-19-A	DL	510-79155	510-79020	04/19/2011 12:21	1000	TAL VAL	CLI
A:Moisture	510-64148-A-19		510-79053		04/16/2011 10:41	1	TAL VAL	TLA

Lab ID: 510-64148-20

Client ID: 17B

Sample Date/Time: 04/06/2011 14:45 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-20-A	DL	510-79155	510-79020	04/15/2011 10:52	200	TAL VAL	SNP
A:8082	510-64148-A-20-A	DL	510-79155	510-79020	04/19/2011 12:36	200	TAL VAL	CLI
A:Moisture	510-64148-A-20		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: 510-64148-21

Client ID: 1C

Sample Date/Time: 04/06/2011 15:00 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-21-A	DL2	510-79155	510-79020	04/15/2011 10:52	25000	TAL VAL	SNP
A:8082	510-64148-A-21-A	DL2	510-79155	510-79020	04/19/2011 15:56	25000	TAL VAL	CLI
A:Moisture	510-64148-A-21		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: 510-64148-22

Client ID: 2C

Sample Date/Time: 04/06/2011 15:10 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-22-A	DL	510-79155	510-79020	04/15/2011 10:52	5000	TAL VAL	SNP
A:8082	510-64148-A-22-A	DL	510-79155	510-79020	04/19/2011 13:15	5000	TAL VAL	CLI
A:Moisture	510-64148-A-22		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Laboratory Chronicle

Lab ID: 510-64148-23

Client ID: 3C

Sample Date/Time: 04/06/2011 15:20 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-23-A	DL	510-79155	510-79020	04/15/2011 10:52	500	TAL VAL	SNP
A:8082	510-64148-A-23-A	DL	510-79155	510-79020	04/19/2011 13:45	500	TAL VAL	CLI
A:Moisture	510-64148-A-23		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: 510-64148-24

Client ID: 4C

Sample Date/Time: 04/06/2011 15:30 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-24-A	DL2	510-79155	510-79020	04/15/2011 10:52	25000	TAL VAL	SNP
A:8082	510-64148-A-24-A	DL2	510-79155	510-79020	04/19/2011 16:11	25000	TAL VAL	CLI
A:Moisture	510-64148-A-24		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: 510-64148-25

Client ID: 5C

Sample Date/Time: 04/06/2011 15:40 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-25-A	DL	510-79155	510-79020	04/15/2011 10:52	50	TAL VAL	SNP
A:8082	510-64148-A-25-A	DL	510-79155	510-79020	04/19/2011 14:25	50	TAL VAL	CLI
A:Moisture	510-64148-A-25		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: 510-64148-26

Client ID: 6C

Sample Date/Time: 04/06/2011 15:50 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-26-A	DL	510-79155	510-79020	04/15/2011 10:52	50	TAL VAL	SNP
A:8082	510-64148-A-26-A	DL	510-79155	510-79020	04/19/2011 14:40	50	TAL VAL	CLI
A:Moisture	510-64148-A-26		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: 510-64148-27

Client ID: 7C

Sample Date/Time: 04/06/2011 16:00 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-27-A	DL2	510-79231	510-79020	04/15/2011 10:52	1000	TAL VAL	SNP
A:8082	510-64148-A-27-A	DL2	510-79231	510-79020	04/20/2011 11:10	1000	TAL VAL	CLI
A:Moisture	510-64148-A-27		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

# Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

## Laboratory Chronicle

Lab ID: 510-64148-28

Client ID: 8C

Sample Date/Time: 04/06/2011 16:10 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-28-A	DL2	510-79231	510-79020	04/15/2011 10:52	1000	TAL VAL	SNP
A:8082	510-64148-A-28-A	DL2	510-79231	510-79020	04/20/2011 11:25	1000	TAL VAL	CLI
A:Moisture	510-64148-A-28		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: 510-64148-29

Client ID: 9C

Sample Date/Time: 04/06/2011 16:20 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-29-A	DL	510-79155	510-79020	04/15/2011 10:52	500	TAL VAL	SNP
A:8082	510-64148-A-29-A	DL	510-79155	510-79020	04/19/2011 15:25	500	TAL VAL	CLI
A:Moisture	510-64148-A-29		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: 510-64148-30

Client ID: 10C

Sample Date/Time: 04/06/2011 16:30 Received Date/Time: 04/12/2011 15:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	510-64148-A-30-A	DL2	510-79231	510-79020	04/15/2011 10:52	5000	TAL VAL	SNP
A:8082	510-64148-A-30-A	DL2	510-79231	510-79020	04/20/2011 11:40	5000	TAL VAL	CLI
A:Moisture	510-64148-A-30		510-78988		04/14/2011 16:44	1	TAL VAL	TLA

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	MB 510-78933/1-A		510-79013	510-78933	04/14/2011 07:56	1	TAL VAL	SNP
A:8082	MB 510-78933/1-A		510-79013	510-78933	04/15/2011 12:30	1	TAL VAL	CLI
P:3541	MB 510-79020/1-A		510-79155	510-79020	04/15/2011 10:52	1	TAL VAL	SNP
A:8082	MB 510-79020/1-A		510-79155	510-79020	04/19/2011 10:51	1	TAL VAL	CLI
A:Moisture	MB 510-78988/1		510-78988		04/14/2011 16:44	1	TAL VAL	TLA
A:Moisture	MB 510-79053/1		510-79053		04/16/2011 10:41	1	TAL VAL	TLA
A:Moisture	MB 510-79056/1		510-79056		04/16/2011 11:51	1	TAL VAL	TLA

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	LCS 510-78933/2-A		510-79013	510-78933	04/14/2011 07:56	1	TAL VAL	SNP
A:8082	LCS 510-78933/2-A		510-79013	510-78933	04/15/2011 12:45	1	TAL VAL	CLI
P:3541	LCS 510-79020/2-A		510-79155	510-79020	04/15/2011 10:52	1	TAL VAL	SNP
A:8082	LCS 510-79020/2-A		510-79155	510-79020	04/19/2011 11:06	1	TAL VAL	CLI

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

**Laboratory Chronicle**

**Lab References:**

TAL VAL = TestAmerica Valparaiso

# 8082

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**Polychlorinated Biphenyls (PCBs) by  
Gas Chromatography by Method 8082**



FORM II  
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Valparaiso

Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Matrix: Solid

Level: Low

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

Client Sample ID	Lab Sample ID	DBC1 #	DCB1 #
1A DL2	510-64148-1 DL2	0 D	0 D
2A DL	510-64148-2 DL	0 D	0 D
3A DL	510-64148-3 DL	0 D	0 D
1B DL	510-64148-4 DL	0 D	0 D
2B DL2	510-64148-5 DL2	0 D	0 D
3B DL2	510-64148-6 DL2	0 D	0 D
4B DL2	510-64148-7 DL2	0 D	0 D
5B DL2	510-64148-8 DL2	0 D	0 D
6B DL2	510-64148-9 DL2	0 D	0 D
7B DL2	510-64148-10 DL2	0 D	0 D
8B DL2	510-64148-11 DL2	0 D	0 D
9B DL3	510-64148-12 DL3	0 D	0 D
10B DL	510-64148-13 DL	0 D	0 D
11B DL3	510-64148-14 DL3	0 D	0 D
12B DL2	510-64148-15 DL2	0 D	0 D
13B DL3	510-64148-16 DL3	0 D	0 D
14B DL	510-64148-17 DL	0 D	0 D
15B DL	510-64148-18 DL	0 D	0 D
16B DL	510-64148-19 DL	0 D	0 D
17B DL	510-64148-20 DL	0 D	0 D
1C DL2	510-64148-21 DL2	0 D	0 D
2C DL	510-64148-22 DL	0 D	0 D
3C DL	510-64148-23 DL	0 D	0 D
4C DL2	510-64148-24 DL2	0 D	0 D
5C DL	510-64148-25 DL	0 D	0 D
6C DL	510-64148-26 DL	0 D	0 D
7C DL2	510-64148-27 DL2	0 D	0 D
8C DL2	510-64148-28 DL2	0 D	0 D
9C DL	510-64148-29 DL	0 D	0 D
10C DL2	510-64148-30 DL2	0 D	0 D
	MB 510-78933/1-A	72	94
	MB 510-79020/1-A	80	114
	LCS 510-78933/2-A	76	106
	LCS 510-79020/2-A	91	109

QC LIMITS

DBC = Dibutylchloroendate

10-132

DCB = DCB Decachlorobiphenyl

14-147

# Column to be used to flag recovery values

FORM II  
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low

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

Client Sample ID	Lab Sample ID	DBC1 #	DCB1 #
14B MS DL	510-64148-17 MS DL	0 D	0 D
14B MSD DL	510-64148-17 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.: 510-64148-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: B4589.D

Lab ID: LCS 510-78933/2-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.167	0.174	104	71-118	
PCB-1260	0.167	0.179	107	72-125	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: B4657.D

Lab ID: LCS 510-79020/2-A Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.167	0.179	107	71-118	
PCB-1260	0.167	0.192	115	72-125	

# Column to be used to flag recovery and RPD values

FORM III  
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Solid Level: Low Lab File ID: B4659.D  
 Lab ID: 510-64148-17 MS DL Client ID: 14B MS DL

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	0.346	<1.0	<1.0	0	71-118	F
PCB-1260	0.346	40	53.3	3922	72-125	E 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.: 510-64148-1

SDG No.: \_\_\_\_\_

Matrix: Solid Level: Low Lab File ID: B4660.D

Lab ID: 510-64148-17 MSD DL Client ID: 14B MSD DL

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	0.347	<1.0	0	NC	30	71-118	F
PCB-1260	0.347	22.5	-4964	81	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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: MB 510-78933/1-A  
 Matrix: Solid Date Extracted: 04/14/2011 07:56  
 Lab File ID: (1) B4588.D Lab File ID: (2) \_\_\_\_\_  
 Date Analyzed: (1) 04/15/2011 12:30 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 510-78933/2-A	04/15/2011 12:45	
1B DL	510-64148-4 DL	04/15/2011 14:59	
2A DL	510-64148-2 DL	04/15/2011 15:35	
3A DL	510-64148-3 DL	04/15/2011 15:50	
1A DL2	510-64148-1 DL2	04/15/2011 16:05	
10B DL	510-64148-13 DL	04/15/2011 18:21	
2B DL2	510-64148-5 DL2	04/18/2011 11:20	
3B DL2	510-64148-6 DL2	04/18/2011 11:35	
4B DL2	510-64148-7 DL2	04/18/2011 11:50	
5B DL2	510-64148-8 DL2	04/18/2011 12:05	
6B DL2	510-64148-9 DL2	04/18/2011 12:20	
7B DL2	510-64148-10 DL2	04/18/2011 12:35	
8B DL2	510-64148-11 DL2	04/18/2011 12:50	
12B DL2	510-64148-15 DL2	04/18/2011 13:35	
9B DL3	510-64148-12 DL3	04/18/2011 15:03	
11B DL3	510-64148-14 DL3	04/18/2011 15:18	
13B DL3	510-64148-16 DL3	04/18/2011 15:33	

FORM IV  
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: MB 510-79020/1-A  
 Matrix: Solid Date Extracted: 04/15/2011 10:52  
 Lab File ID: (1) B4656.D Lab File ID: (2) \_\_\_\_\_  
 Date Analyzed: (1) 04/19/2011 10:51 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 510-79020/2-A	04/19/2011 11:06	
14B DL	510-64148-17 DL	04/19/2011 11:21	
14B MS DL	510-64148-17 MS DL	04/19/2011 11:36	
14B MSD DL	510-64148-17 MSD DL	04/19/2011 11:51	
15B DL	510-64148-18 DL	04/19/2011 12:06	
16B DL	510-64148-19 DL	04/19/2011 12:21	
17B DL	510-64148-20 DL	04/19/2011 12:36	
2C DL	510-64148-22 DL	04/19/2011 13:15	
3C DL	510-64148-23 DL	04/19/2011 13:45	
5C DL	510-64148-25 DL	04/19/2011 14:25	
6C DL	510-64148-26 DL	04/19/2011 14:40	
9C DL	510-64148-29 DL	04/19/2011 15:25	
1C DL2	510-64148-21 DL2	04/19/2011 15:56	
4C DL2	510-64148-24 DL2	04/19/2011 16:11	
7C DL2	510-64148-27 DL2	04/20/2011 11:10	
8C DL2	510-64148-28 DL2	04/20/2011 11:25	
10C DL2	510-64148-30 DL2	04/20/2011 11:40	



FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 14B MS DL Lab Sample ID: 510-64148-17 MS DL  
 Instrument ID (1): SGCA Instrument ID (2): \_\_\_\_\_  
 Date Analyzed (1): 04/19/2011 11:36 Date Analyzed (2): \_\_\_\_\_  
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): \_\_\_\_\_ ID: \_\_\_\_\_

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	6.80	6.70	6.90	52.2	53.3	
		2	7.29	7.19	7.39	56.5		
		3	7.53	7.43	7.63	52.4		
		4	7.84	7.74	7.94	59.3		
		5	8.59	8.50	8.70	46.0		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 14B MSD DL Lab Sample ID: 510-64148-17 MSD DL  
 Instrument ID (1): SGCA Instrument ID (2): \_\_\_\_\_  
 Date Analyzed (1): 04/19/2011 11:51 Date Analyzed (2): \_\_\_\_\_  
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): \_\_\_\_\_ ID: \_\_\_\_\_

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	6.80	6.70	6.90	21.9	22.5	
		2	7.29	7.19	7.39	23.7		
		3	7.53	7.43	7.63	22.6		
		4	7.84	7.74	7.94	24.8		
		5	8.60	8.50	8.70	19.6		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 510-78933/2-A  
 Instrument ID (1): SGCA Instrument ID (2): \_\_\_\_\_  
 Date Analyzed (1): 04/15/2011 12:45 Date Analyzed (2): \_\_\_\_\_  
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): \_\_\_\_\_ ID: \_\_\_\_\_

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.18	3.08	3.28	0.172	0.174	
		2	3.61	3.51	3.71	0.176		
		3	4.40	4.30	4.50	0.178		
		4	4.97	4.87	5.07	0.173		
		5	5.52	5.42	5.62	0.171		
PCB-1260	1	1	6.80	6.70	6.90	0.177	0.179	
		2	7.29	7.19	7.39	0.182		
		3	7.53	7.43	7.63	0.181		
		4	7.84	7.74	7.94	0.193		
		5	8.60	8.49	8.69	0.162		

FORM X  
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 510-79020/2-A  
 Instrument ID (1): SGCA Instrument ID (2): \_\_\_\_\_  
 Date Analyzed (1): 04/19/2011 11:06 Date Analyzed (2): \_\_\_\_\_  
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): \_\_\_\_\_ ID: \_\_\_\_\_

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.19	3.08	3.28	0.168	0.179	
		2	3.61	3.51	3.71	0.177		
		3	4.40	4.30	4.50	0.184		
		4	4.97	4.87	5.07	0.183		
		5	5.52	5.42	5.62	0.181		
PCB-1260	1	1	6.80	6.70	6.90	0.193	0.192	
		2	7.29	7.19	7.39	0.200		
		3	7.53	7.43	7.63	0.198		
		5	8.60	8.50	8.70	0.177		

FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 1A DL2 Lab Sample ID: 510-64148-1 DL2  
 Matrix: Solid Lab File ID: B4600.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 10:00  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.53(g) Date Analyzed: 04/15/2011 16:05  
 Con. Extract Vol.: 5(mL) Dilution Factor: 50  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79013 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<1.0		1.0	0.11
11104-28-2	PCB-1221	<1.0		1.0	0.30
11141-16-5	PCB-1232	<1.0		1.0	0.24
53469-21-9	PCB-1242	<1.0		1.0	0.19
12672-29-6	PCB-1248	<1.0		1.0	0.17
11097-69-1	PCB-1254	<1.0		1.0	0.16
11096-82-5	PCB-1260	12		1.0	0.081

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\20110415-4720.b\B4600.D  
 Lims ID: 510-64148-A-1-A Client ID: 1A  
 Inject. Date: 15-Apr-2011 16:05:57 Dil. Factor: 50.0000  
 Sample Type: Client  
 Sample ID: 510-64148-A-1-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 16  
 Lims Batch ID: 79013 Lims Sample ID: 17  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 12:35:02 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 16:25:44

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4600.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.183						
1	2		3.609						
1	3		4.395						
1	4		4.966						
1	5		5.519						
2	6		3.744						
2	7		4.322						
2	8		5.212						
2	9		5.645						
2	10		5.938						
10 PCB-1242									
1	1		3.183						
1	2		3.612						
1	3		4.482						
1	4		5.145						
1	5		5.623						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.611						
2	10		6.998						
6 PCB-1248									
1	1		3.610						
1	2		4.219						
1	3		5.089						
1	4		5.623						
1	5		6.508						
2	6		4.323						
2	7		5.210						
2	8		5.940						
2	9		6.611						
2	10		7.001						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.958						
1	5		7.841						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.342						
2	10		9.285						

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

11 PCB-1260

1	1	6.798	6.799	-0.001	72338084	719.4		100.0	
1	2	7.290	7.290	0.000	119548583	783.4	121.7- 181.7	165.3	
1	3	7.530	7.529	0.001	43620066	726.8	30.7- 90.7	60.3	
1	4	7.840	7.840	0.000	130058472	819.0	128.0- 188.0	179.8	
1	5	8.593	8.593	0.000	58419229	615.9	64.6- 124.6	80.8	
Average of Peak Amounts =						732.9			
2	6	7.906	7.906	0.000	17311702	617.7		100.0	
2	7	8.270	8.271	-0.001	38392832	689.2	175.0- 235.0	221.8	
2	8	8.696	8.696	0.000	48878492	729.6	212.3- 272.3	282.3	
2	9	9.415	9.416	-0.001	26271245	539.3	147.4- 207.4	151.8	
2	10	9.807	9.807	0.000	27858991	518.9	163.3- 223.3	160.9	
Average of Peak Amounts =						618.9			

RPD = 16.86

\$ 3 Dibutylchloroendate

1	1	9.590
2	2	10.318

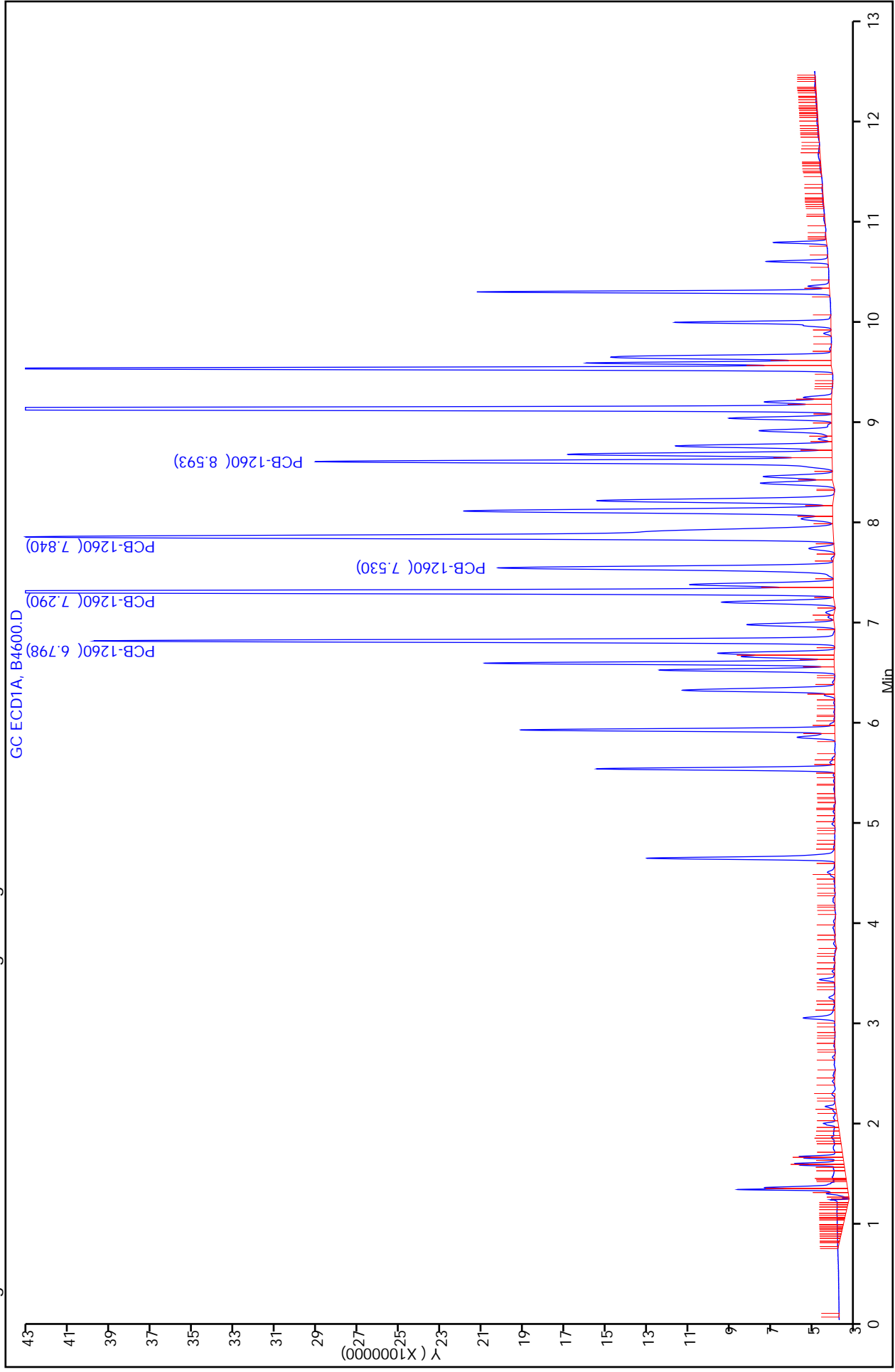
\$ 2 DCB Decachlorobiphenyl

1	1	10.786
2	2	11.639



Report Date: 15-Apr-2011 16:25:44 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsrv08\ChromData\SGCA\20110415-4720.b\B4600.D  
Injection Date: 15-Apr-2011 16:05:57 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 1A Instrument ID: SGCA  
Lims Batch ID: 79013 Lims Sample ID: 17  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 15-Apr-2011 16:25:44

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4600.D

Injection Date: 15-Apr-2011 16:05:57

Limit Group: SGC - 1 - 8082 CAL

Client ID: 1A

Instrument ID: SGCA

Lims Batch ID: 79013

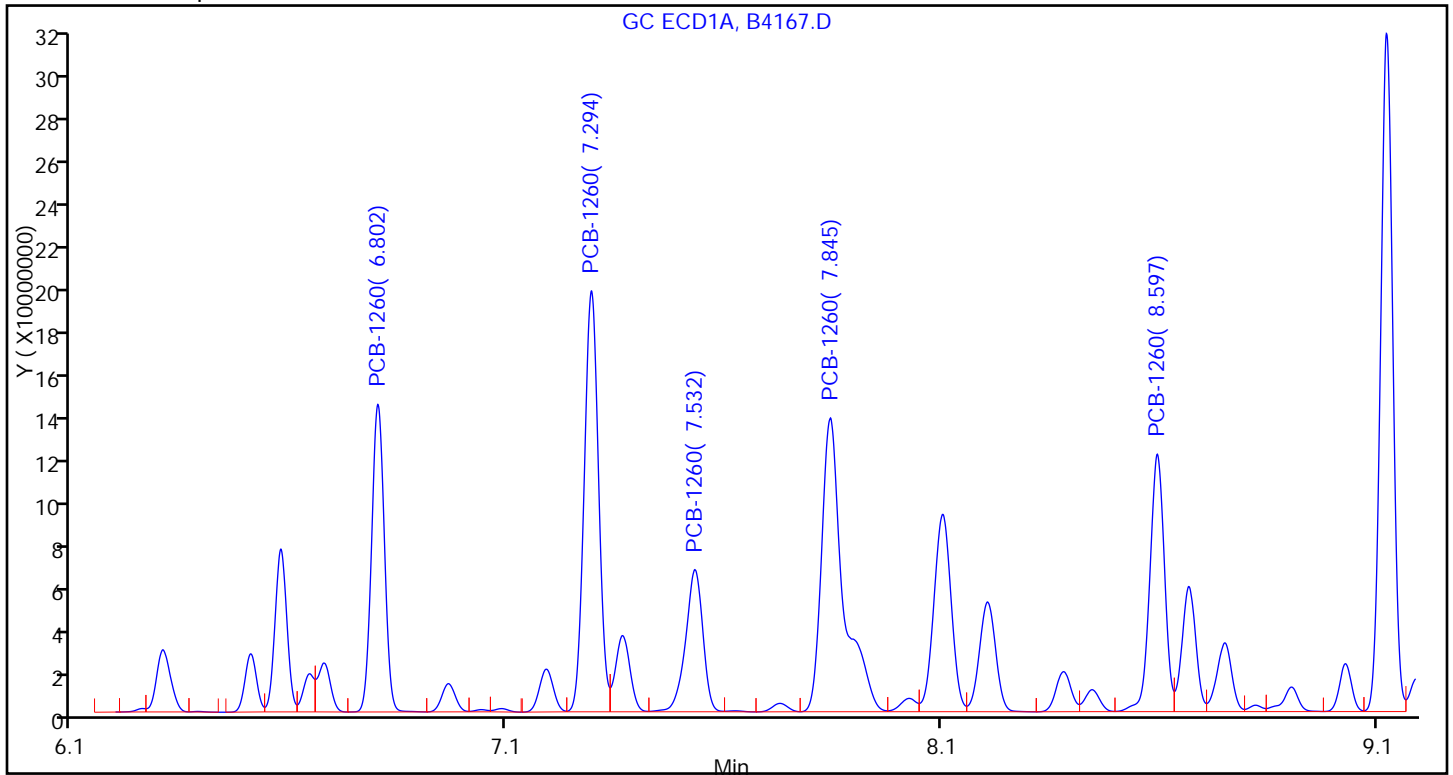
Lims Sample ID: 17

Operator ID:

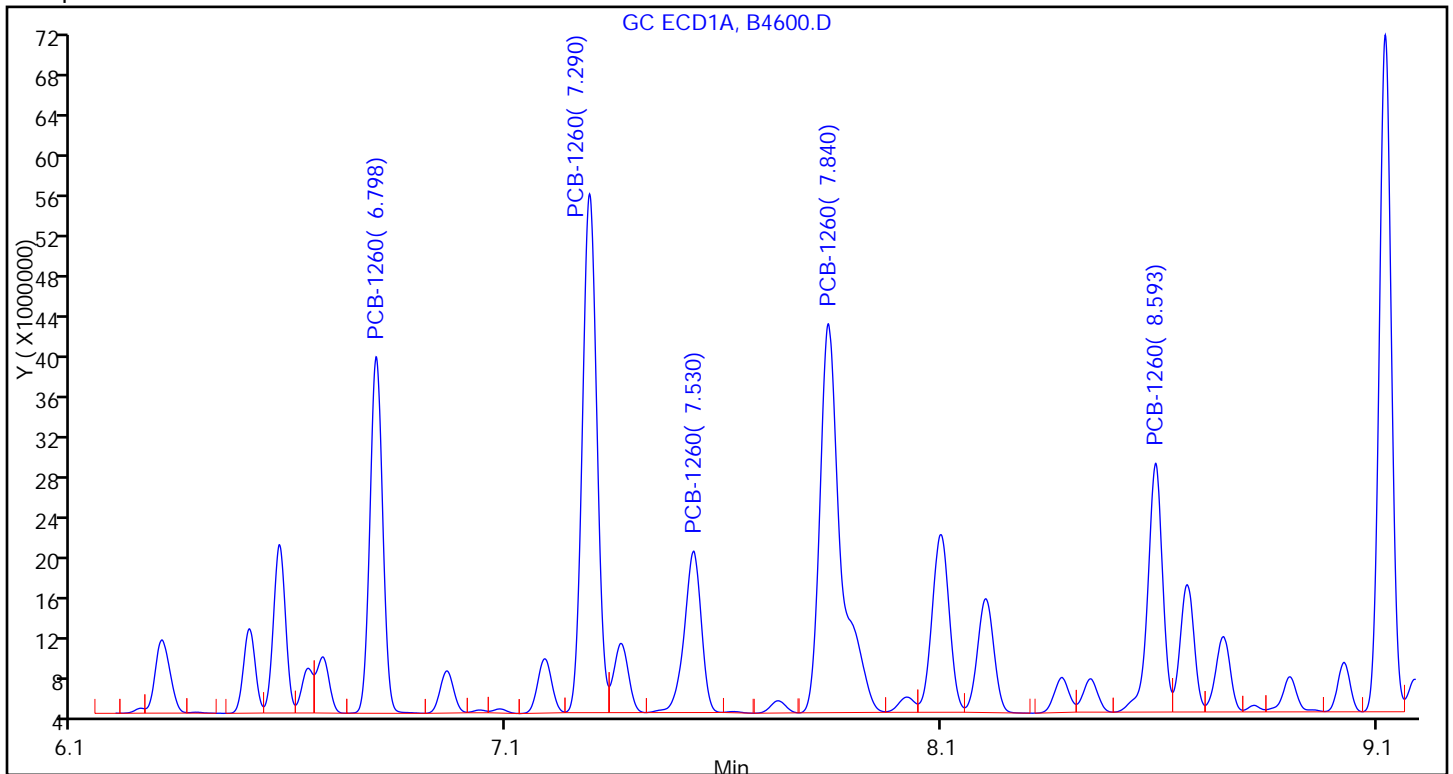
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 2A DL Lab Sample ID: 510-64148-2 DL  
 Matrix: Solid Lab File ID: B4598.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 10:15  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.13(g) Date Analyzed: 04/15/2011 15:35  
 Con. Extract Vol.: 5(mL) Dilution Factor: 20  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79013 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.41		0.41	0.047
11104-28-2	PCB-1221	<0.41		0.41	0.12
11141-16-5	PCB-1232	<0.41		0.41	0.10
53469-21-9	PCB-1242	<0.41		0.41	0.079
12672-29-6	PCB-1248	<0.41		0.41	0.071
11097-69-1	PCB-1254	<0.41		0.41	0.066
11096-82-5	PCB-1260	12		0.41	0.034

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\20110415-4720.b\B4598.D  
 Lims ID: 510-64148-A-2-A Client ID: 2A  
 Inject. Date: 15-Apr-2011 15:35:46 Dil. Factor: 20.0000  
 Sample Type: Client  
 Sample ID: 510-64148-A-2-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 14  
 Lims Batch ID: 79013 Lims Sample ID: 15  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 12:35:02 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 15:57:10

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.183						
1	2		3.609						
1	3		4.395						
1	4		4.966						
1	5		5.519						
2	6		3.744						
2	7		4.322						
2	8		5.212						
2	9		5.645						
2	10		5.938						
10 PCB-1242									
1	1		3.183						
1	2		3.612						
1	3		4.482						
1	4		5.145						
1	5		5.623						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.611						
2	10		6.998						
6 PCB-1248									
1	1		3.610						
1	2		4.219						
1	3		5.089						
1	4		5.623						
1	5		6.508						
2	6		4.323						
2	7		5.210						
2	8		5.940						
2	9		6.611						
2	10		7.001						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.958						
1	5		7.841						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.342						
2	10		9.285						

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

11 PCB-1260

1	1	6.815	6.799	0.016	149533827	1522.6		100.0	
1	2	7.306	7.290	0.016	272356672	1827.7	121.7- 181.7	182.1	
1	3	7.546	7.529	0.017	102882398	1720.4	30.7- 90.7	68.8	
1	4	7.857	7.840	0.017	310838948	1995.7	128.0- 188.0	207.9	
1	5	8.608	8.593	0.015	141863720	1524.1	64.6- 124.6	94.9	
Average of Peak Amounts =						1718.1			
2	6	7.909	7.906	0.003	33465067	1227.7		100.0	
2	7	8.275	8.271	0.004	78741372	1456.4	175.0- 235.0	235.3	
2	8	8.699	8.696	0.003	110221162	1714.9	212.3- 272.3	329.4	
2	9	9.418	9.416	0.002	62448261	1321.5	147.4- 207.4	186.6	
2	10	9.809	9.807	0.002	66787996	1291.2	163.3- 223.3	199.6	
Average of Peak Amounts =						1402.3			

RPD = 20.24

\$ 3 Dibutylchloroendate

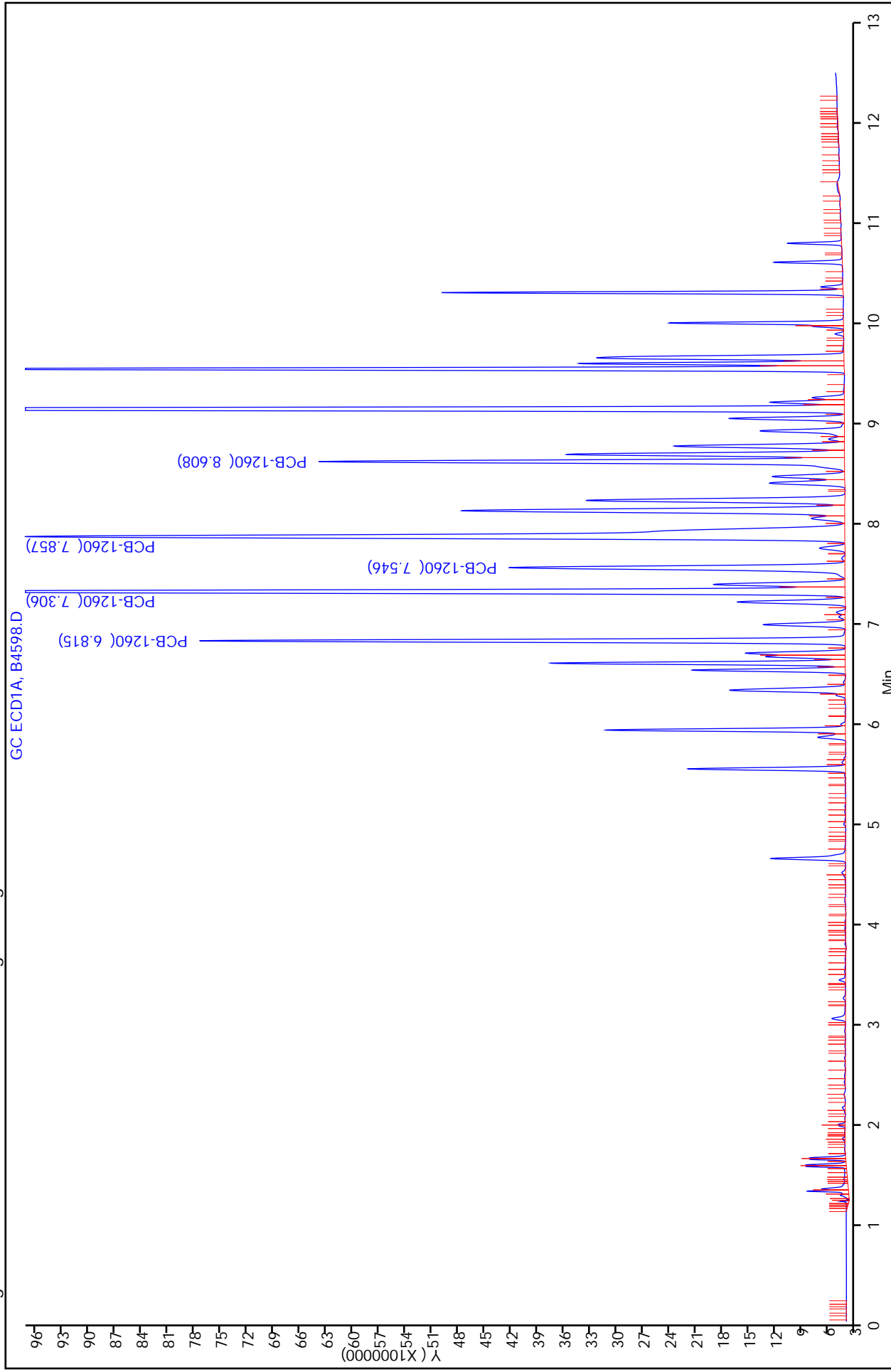
1	1	9.590
2	2	10.318

\$ 2 DCB Decachlorobiphenyl

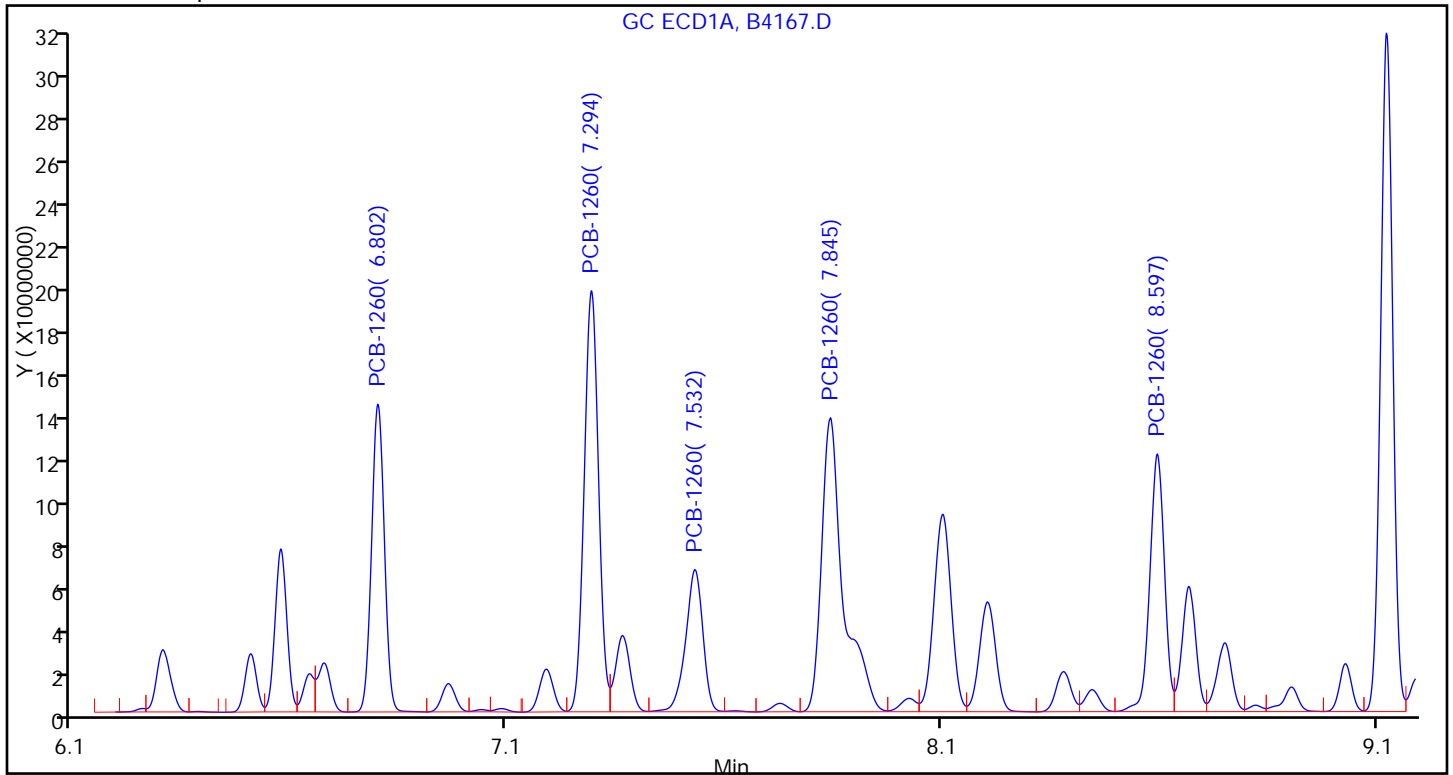
1	1	10.786
2	2	11.639

Report Date: 15-Apr-2011 15:57:10 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4598.D  
 Injection Date: 15-Apr-2011 15:35:46 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: 2A Instrument ID: SGCA  
 Lims Batch ID: 79013 Lims Sample ID: 15  
 Operator ID: Injection Vol: 1.00 ul

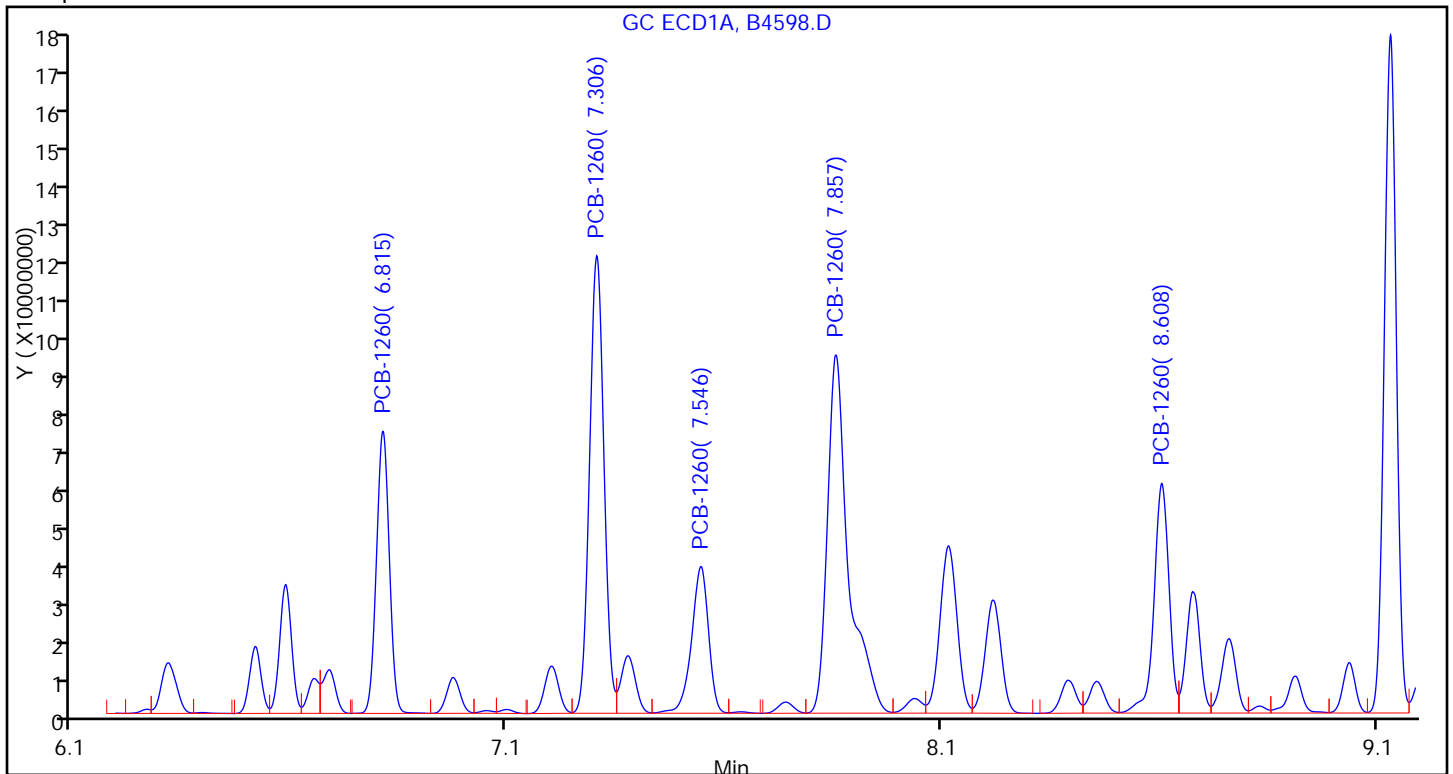
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 3A DL Lab Sample ID: 510-64148-3 DL  
 Matrix: Solid Lab File ID: B4599.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 10:30  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.58(g) Date Analyzed: 04/15/2011 15:50  
 Con. Extract Vol.: 5(mL) Dilution Factor: 20  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79013 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.40		0.40	0.046
11104-28-2	PCB-1221	<0.40		0.40	0.12
11141-16-5	PCB-1232	<0.40		0.40	0.098
53469-21-9	PCB-1242	<0.40		0.40	0.077
12672-29-6	PCB-1248	<0.40		0.40	0.070
11097-69-1	PCB-1254	<0.40		0.40	0.065
11096-82-5	PCB-1260	8.6		0.40	0.033

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\20110415-4720.b\B4599.D  
 Lims ID: 510-64148-A-3-A Client ID: 3A  
 Inject. Date: 15-Apr-2011 15:50:55 Dil. Factor: 20.0000  
 Sample Type: Client  
 Sample ID: 510-64148-A-3-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 15  
 Lims Batch ID: 79013 Lims Sample ID: 16  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 18-Apr-2011 10:31:08 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 10:46:50

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4599.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.181						
1	2		3.608						
1	3		4.394						
1	4		4.965						
1	5		5.517						
2	6		3.744						
2	7		4.321						
2	8		5.210						
2	9		5.644						
2	10		5.937						
10 PCB-1242									
1	1		3.183						
1	2		3.612						
1	3		4.482						
1	4		5.145						
1	5		5.623						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.611						
2	10		6.998						
6 PCB-1248									
1	1		3.610						
1	2		4.219						
1	3		5.089						
1	4		5.623						
1	5		6.508						
2	6		4.323						
2	7		5.210						
2	8		5.940						
2	9		6.611						
2	10		7.001						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.958						
1	5		7.841						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.342						
2	10		9.285						

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

11 PCB-1260

1	1	6.800	6.798	0.002	124075397	1254.4		100.0	
1	2	7.291	7.289	0.002	201999453	1342.0	121.7- 181.7	162.8	
1	3	7.531	7.527	0.004	75804124	1266.5	30.7- 90.7	61.1	
1	4	7.841	7.838	0.003	220408800	1402.6	128.0- 188.0	177.6	
1	5	8.594	8.592	0.002	100214015	1068.4	64.6- 124.6	80.8	
Average of Peak Amounts =						1266.8			
2	6	7.906	7.905	0.001	25982647	942.2		100.0	
2	7	8.271	8.269	0.002	60398501	1103.9	175.0- 235.0	232.5	
2	8	8.696	8.695	0.001	80658939	1231.6	212.3- 272.3	310.4	
2	9	9.416	9.414	0.002	42758463	891.3	147.4- 207.4	164.6	
2	10	9.807	9.806	0.001	44318005	840.2	163.3- 223.3	170.6	
Average of Peak Amounts =						1001.8			

RPD = 23.36

\$ 3 Dibutylchloroendate

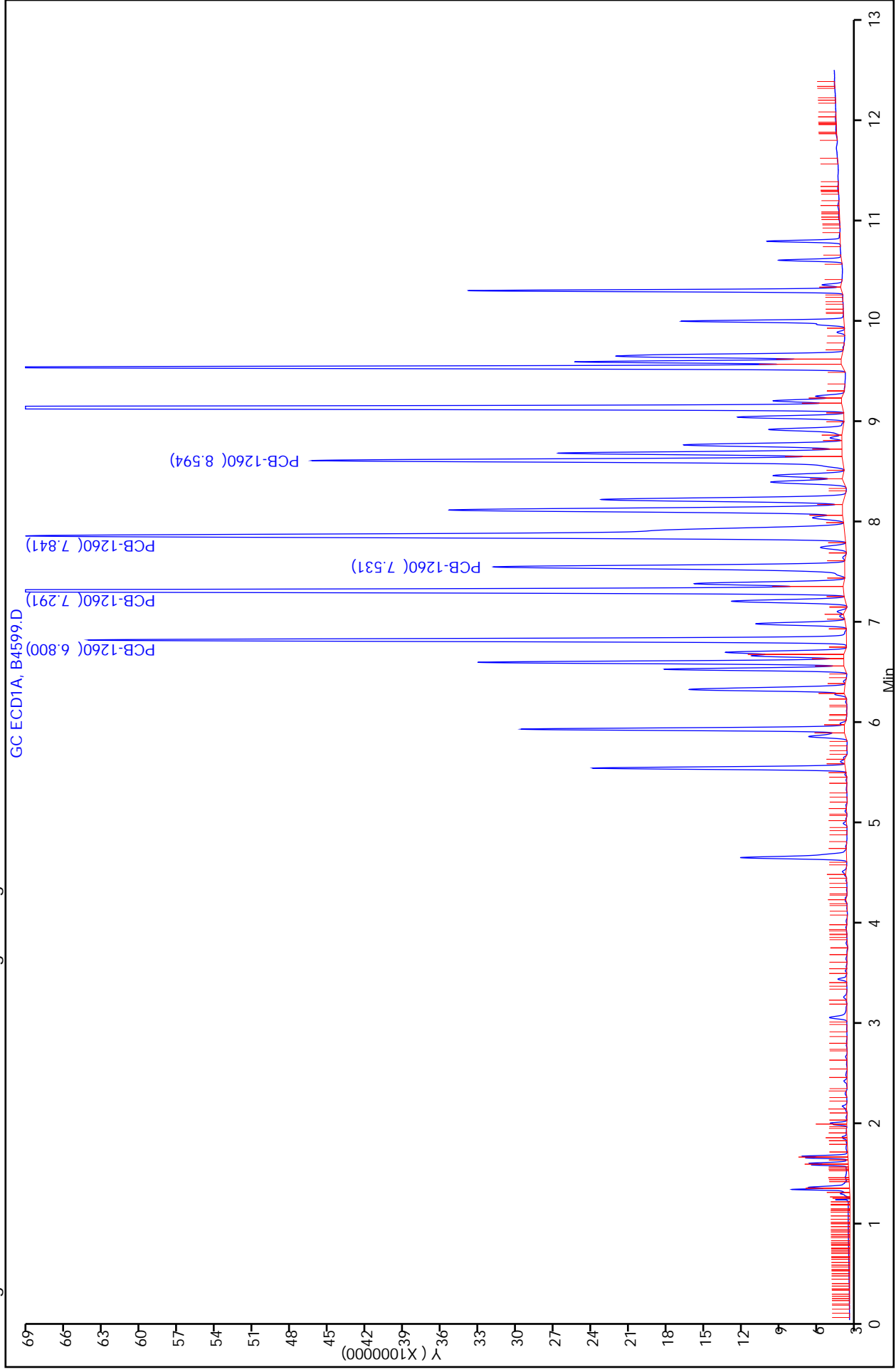
1	1	9.589							
2	2	10.316							

\$ 2 DCB Decachlorobiphenyl

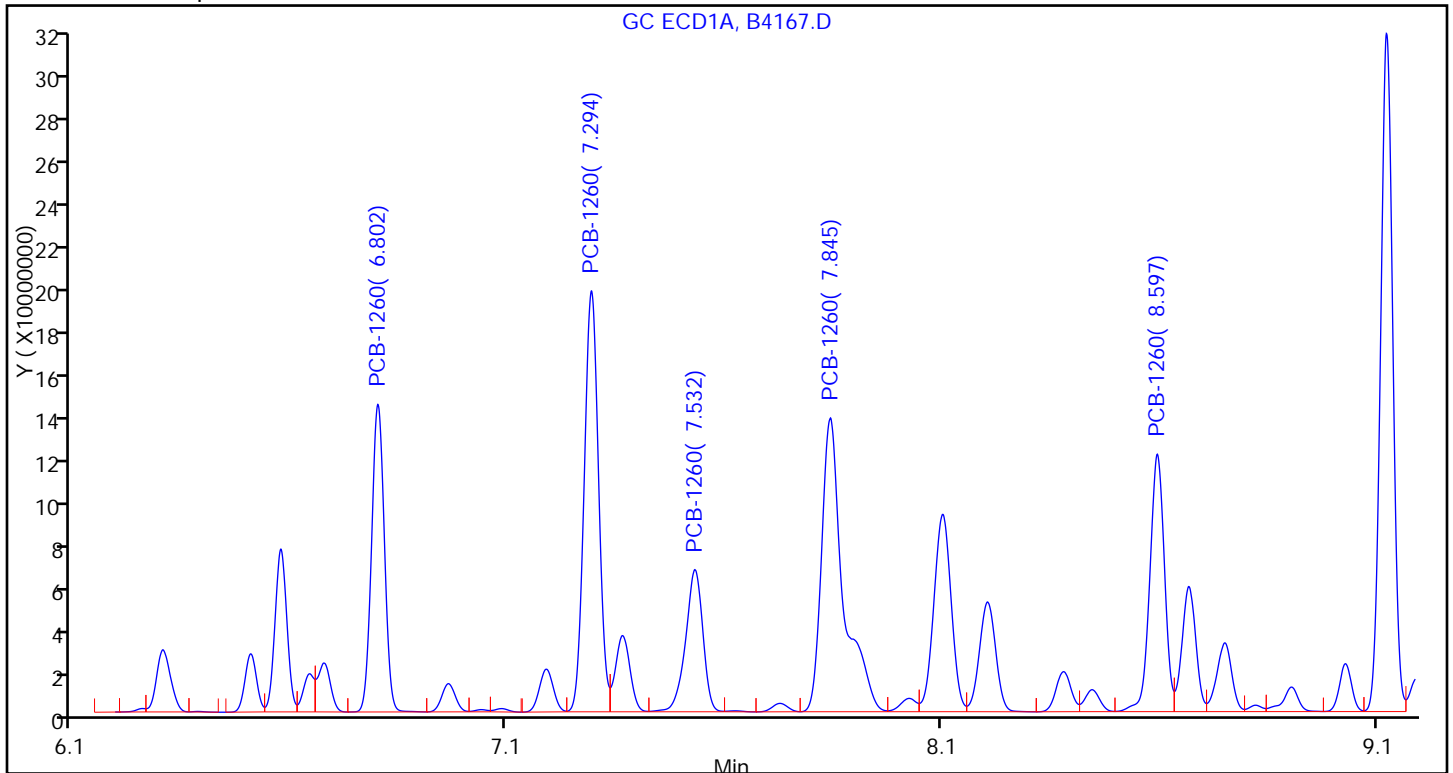
1	1	10.786							
2	2	11.640							

Report Date: 18-Apr-2011 10:46:50 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4599.D  
Injection Date: 15-Apr-2011 15:50:55 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 3A Instrument ID: SGCA  
Lims Batch ID: 79013 Lims Sample ID: 16  
Operator ID: Injection Vol: 1.00 ul

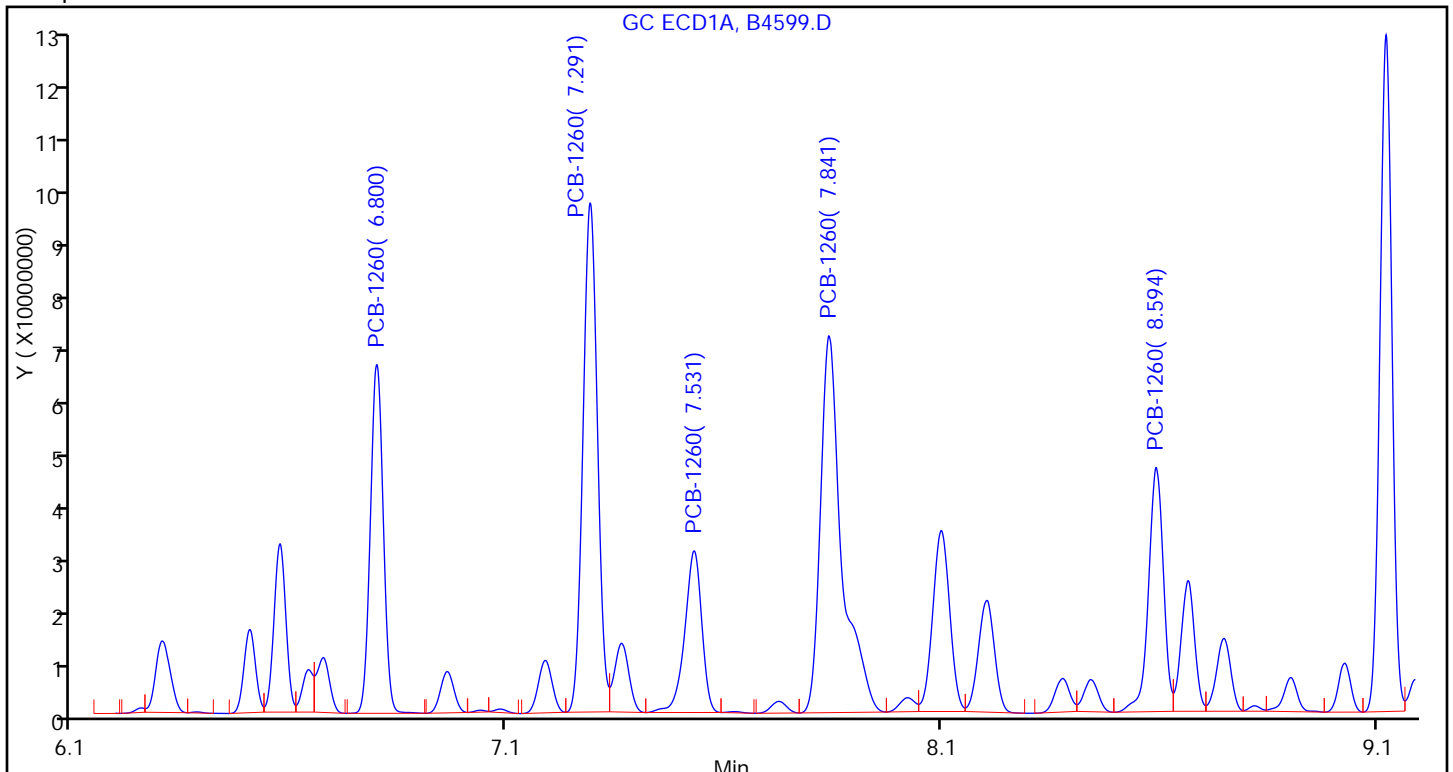
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 1B DL Lab Sample ID: 510-64148-4 DL  
 Matrix: Solid Lab File ID: B4597.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 10:45  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.08(g) Date Analyzed: 04/15/2011 14:59  
 Con. Extract Vol.: 5(mL) Dilution Factor: 100  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79013 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	0.63
11141-16-5	PCB-1232	<2.1		2.1	0.51
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	51		2.1	0.17

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\20110415-4720.b\B4597.D  
 Lims ID: 510-64148-A-4-A Client ID: 1B  
 Inject. Date: 15-Apr-2011 14:59:45 Dil. Factor: 100.0000  
 Sample Type: Client  
 Sample ID: 510-64148-A-4-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 13  
 Lims Batch ID: 79013 Lims Sample ID: 14  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 12:35:02 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 15:14:40

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937



Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4597.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.183						
1	2		3.609						
1	3		4.395						
1	4		4.966						
1	5		5.519						
2	6		3.744						
2	7		4.322						
2	8		5.212						
2	9		5.645						
2	10		5.938						
10 PCB-1242									
1	1		3.183						
1	2		3.612						
1	3		4.482						
1	4		5.145						
1	5		5.623						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.611						
2	10		6.998						
6 PCB-1248									
1	1		3.610						
1	2		4.219						
1	3		5.089						
1	4		5.623						
1	5		6.508						
2	6		4.323						
2	7		5.210						
2	8		5.940						
2	9		6.611						
2	10		7.001						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.958						
1	5		7.841						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.342						
2	10		9.285						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.799	6.799	0.000	139944206	1421.2		100.0		
1	2	7.291	7.290	0.001	232062262	1548.5	121.7- 181.7	165.8		
1	3	7.529	7.529	0.000	87297963	1459.2	30.7- 90.7	62.4		
1	4	7.841	7.840	0.001	251905691	1608.1	128.0- 188.0	180.0		
1	5	8.594	8.593	0.001	115532897	1235.4	64.6- 124.6	82.6		
		Average of Peak Amounts =				1454.5				
2	6	7.905	7.906	-0.001	28827455	1050.1		100.0		
2	7	8.271	8.271	0.000	67513350	1239.8	175.0- 235.0	234.2		
2	8	8.696	8.696	0.000	92584214	1424.5	212.3- 272.3	321.2		
2	9	9.415	9.416	-0.001	48983244	1026.1	147.4- 207.4	169.9		
2	10	9.807	9.807	0.000	50090702	954.7	163.3- 223.3	173.8		
		Average of Peak Amounts =				1139.1				
						RPD = 24.32				

\$ 3 Dibutylchloroendate

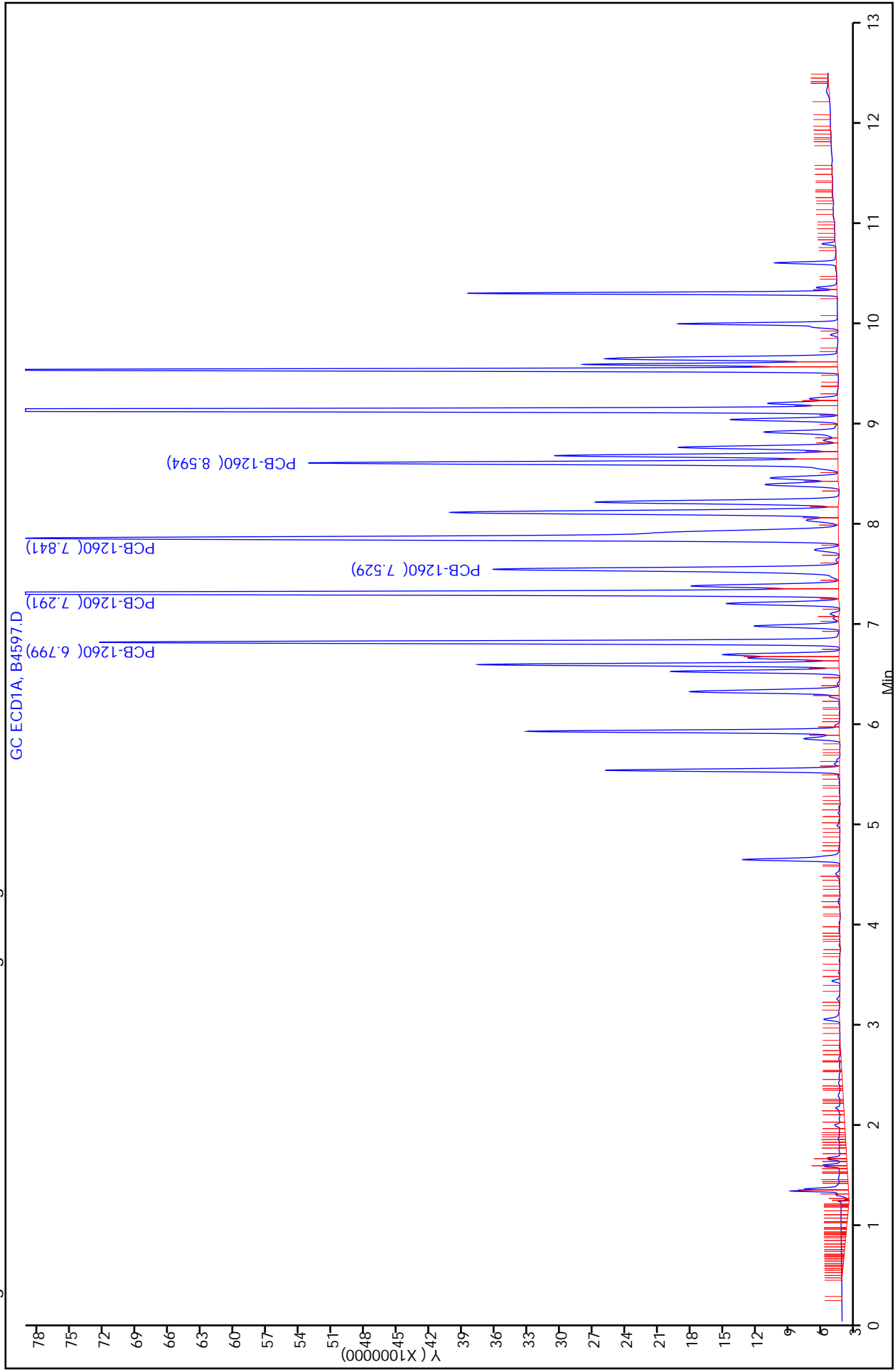
1	1	9.590
2	2	10.318

\$ 2 DCB Decachlorobiphenyl

1	1	10.786
2	2	11.639

Report Date: 15-Apr-2011 15:14:41 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4597.D  
Injection Date: 15-Apr-2011 14:59:45 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 1B Instrument ID: SGCA  
Lims Batch ID: 79013 Lims Sample ID: 14  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 15-Apr-2011 15:14:41

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4597.D

Injection Date: 15-Apr-2011 14:59:45

Limit Group: SGC - 1 - 8082 CAL

Client ID: 1B

Instrument ID: SGCA

Lims Batch ID: 79013

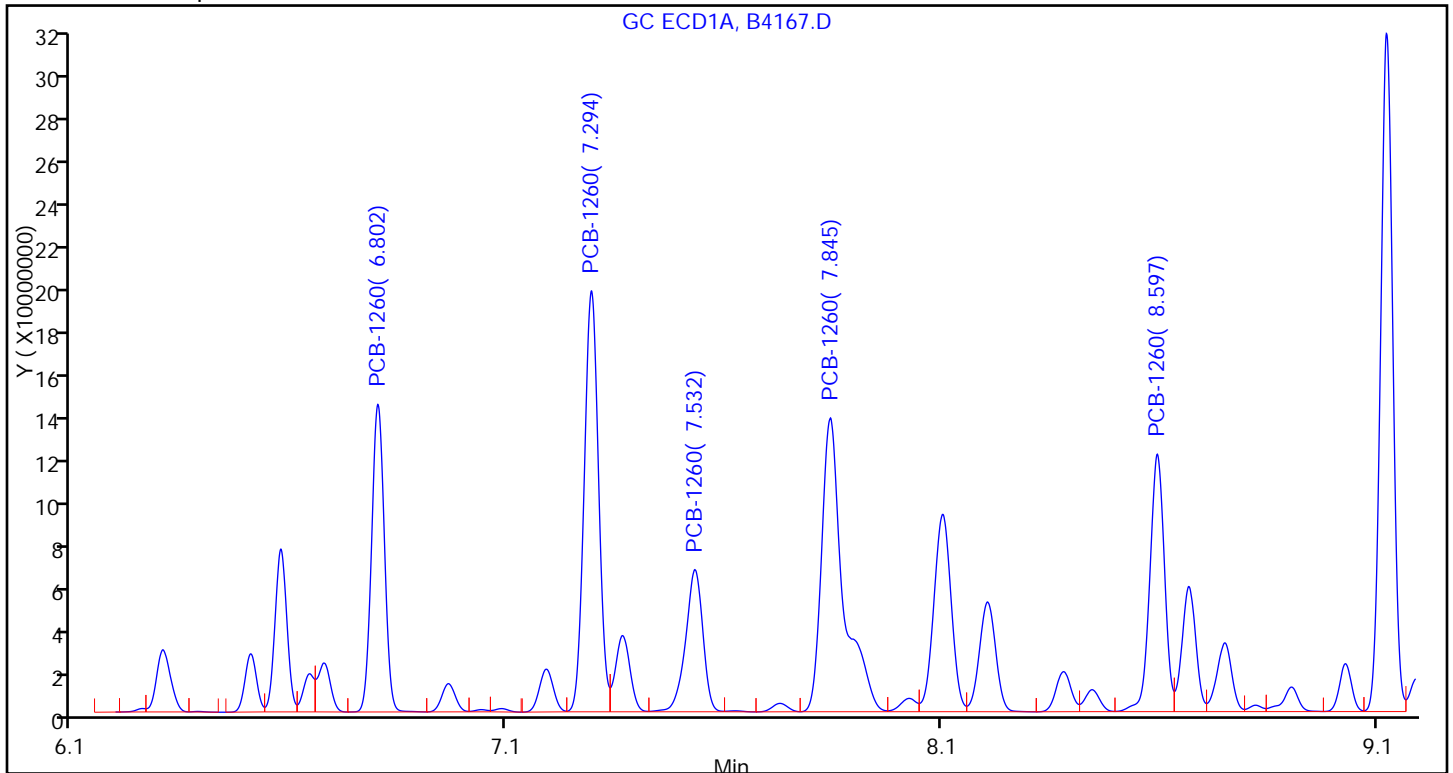
Lims Sample ID: 14

Operator ID:

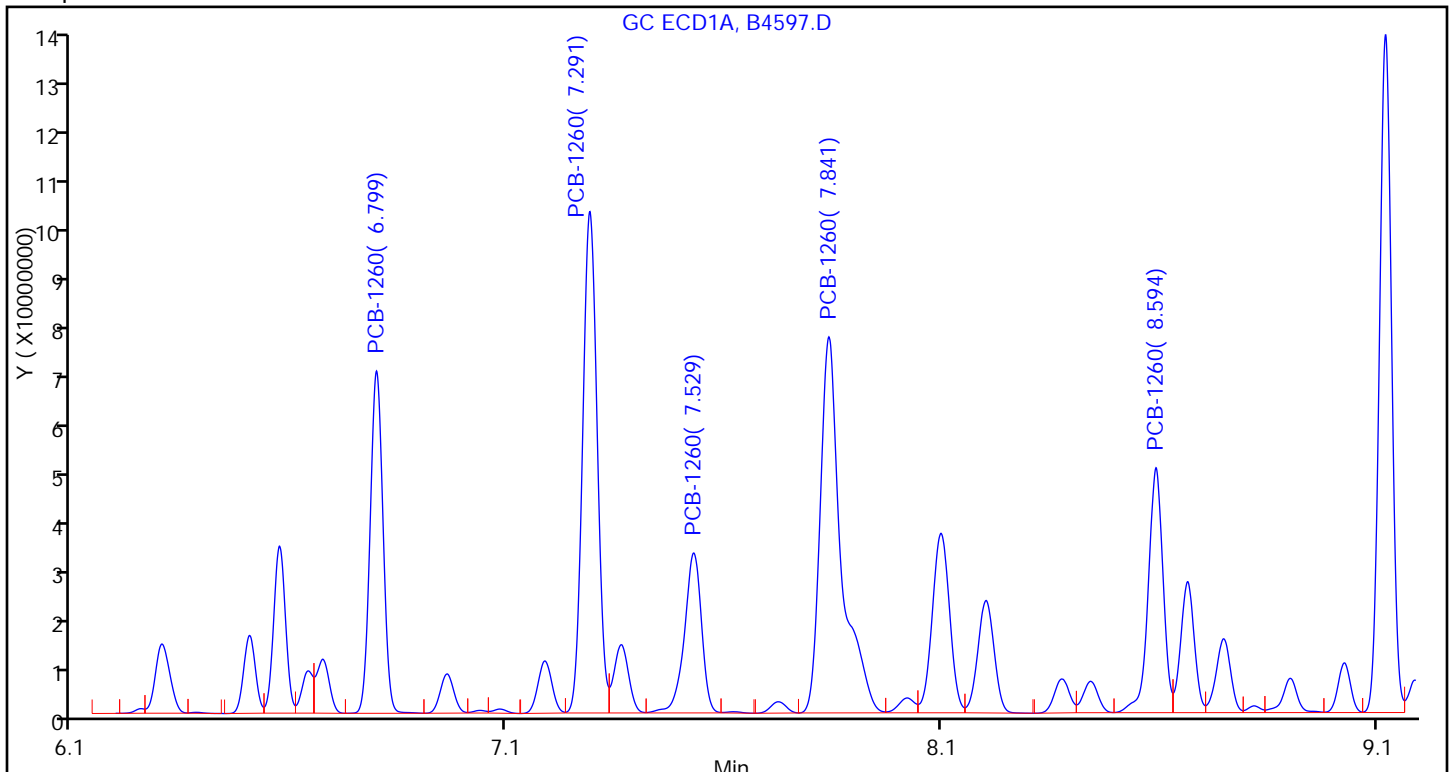
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 2B DL2 Lab Sample ID: 510-64148-5 DL2  
 Matrix: Solid Lab File ID: B4630.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 11:00  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.40(g) Date Analyzed: 04/18/2011 11:20  
 Con. Extract Vol.: 5(mL) Dilution Factor: 500  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 5.3 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 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	3.1
11141-16-5	PCB-1232	<10		10	2.5
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	160		10	0.84

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\20110418-4733.b\B4630.D  
 Lims ID: 510-64148-A-5-A Client ID: 2B  
 Inject. Date: 18-Apr-2011 11:20:35 Dil. Factor: 500.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-5-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 4  
 Lims Batch ID: 79092 Lims Sample ID: 5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 11:51:20 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 11:51:47

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsrv08\ChromData\SGCA\20110418-4733.b\B4630.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.396						
1	4		4.966						
1	5		5.518						
2	6		3.745						
2	7		4.323						
2	8		5.212						
2	9		5.646						
2	10		5.939						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.800	6.800	0.000	91600193	917.0		100.0		
1	2	7.290	7.291	-0.001	151258438	996.9	121.7- 181.7	165.1		
1	3	7.530	7.530	0.000	55580953	927.4	30.7- 90.7	60.7		
1	4	7.841	7.841	0.000	166349415	1052.3	128.0- 188.0	181.6		
1	5	8.594	8.595	-0.001	74287037	787.1	64.6- 124.6	81.1		
		Average of Peak Amounts =				936.2				
2	6	7.906	7.907	-0.001	21561864	776.0		100.0		
2	7	8.271	8.272	-0.001	48531342	879.2	175.0- 235.0	225.1		
2	8	8.697	8.697	0.000	62568783	943.7	212.3- 272.3	290.2		
2	9	9.416	9.416	0.000	33610213	695.1	147.4- 207.4	155.9		
2	10	9.807	9.808	-0.001	35757815	672.2	163.3- 223.3	165.8		
		Average of Peak Amounts =				793.2				
						RPD = 16.53				

\$ 3 Dibutylchloroendate

1	1	9.590
2	2	10.318

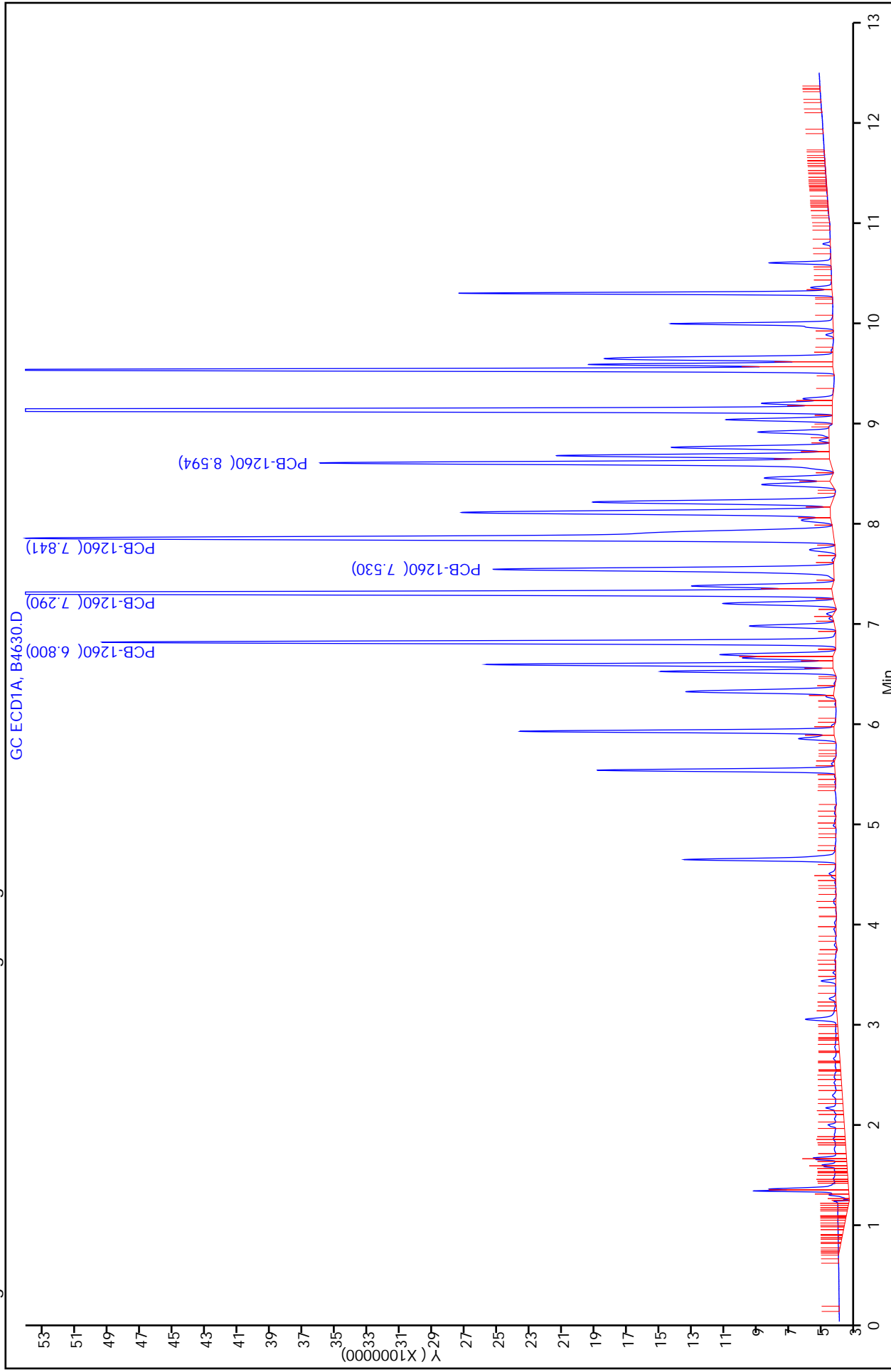
\$ 2 DCB Decachlorobiphenyl

1	1	10.787
2	2	11.641



Report Date: 18-Apr-2011 11:51:47 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4630.D  
Injection Date: 18-Apr-2011 11:20:35 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 2B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 5  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 18-Apr-2011 11:51:47

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4630.D

Injection Date: 18-Apr-2011 11:20:35

Limit Group: SGC - 1 - 8082 CAL

Client ID: 2B

Instrument ID: SGCA

Lims Batch ID: 79092

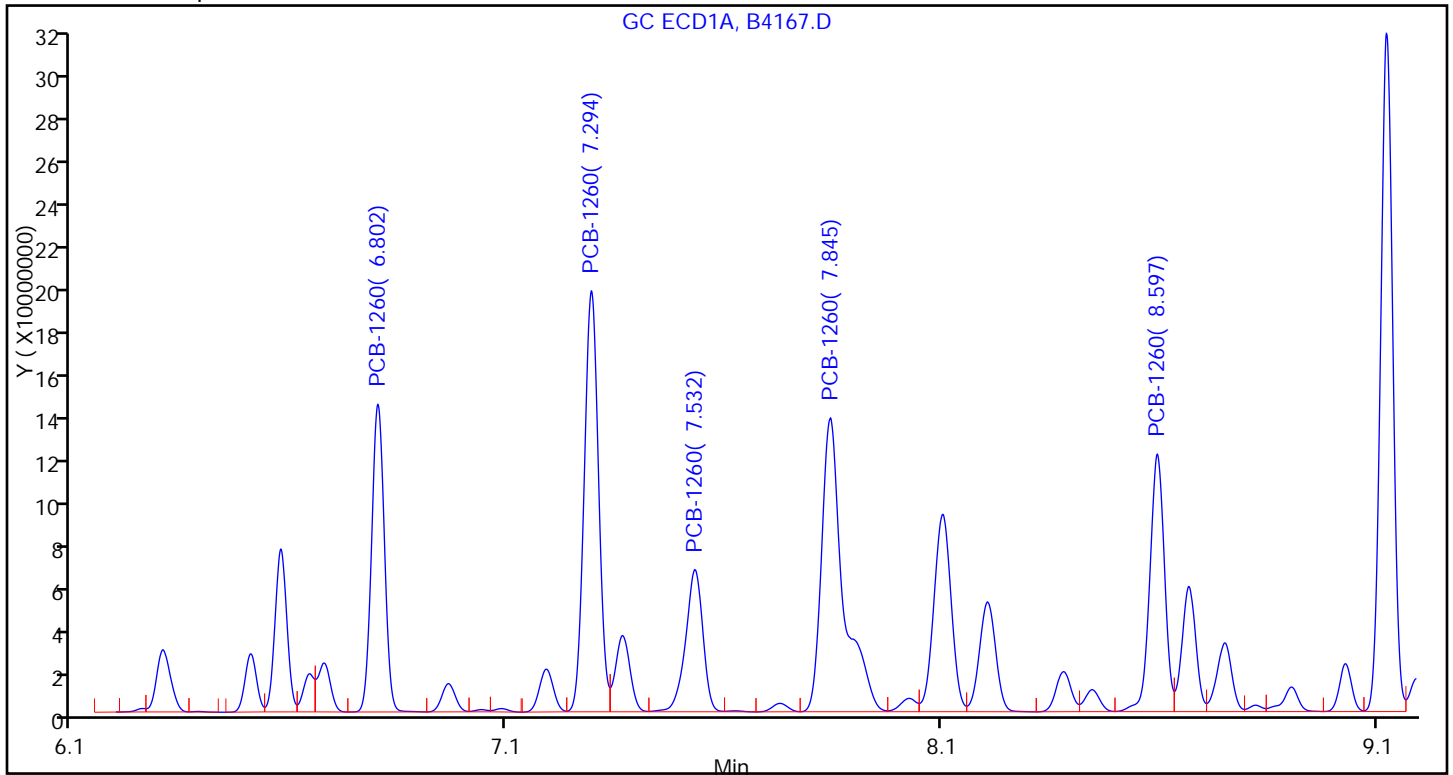
Lims Sample ID: 5

Operator ID:

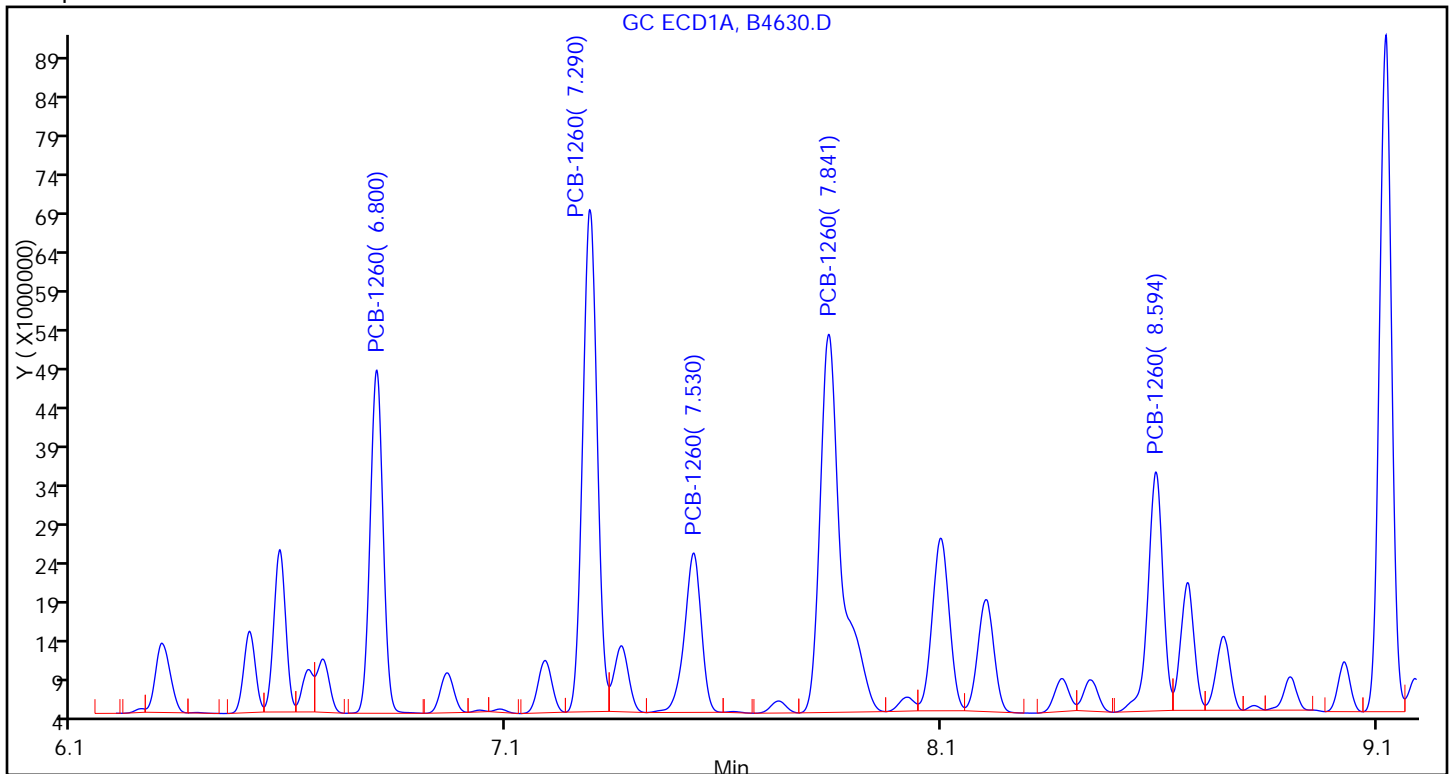
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 3B DL2 Lab Sample ID: 510-64148-6 DL2  
 Matrix: Solid Lab File ID: B4631.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 11:15  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.34(g) Date Analyzed: 04/18/2011 11:35  
 Con. Extract Vol.: 5(mL) Dilution Factor: 100  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<2.0		2.0	0.23
11104-28-2	PCB-1221	<2.0		2.0	0.61
11141-16-5	PCB-1232	<2.0		2.0	0.49
53469-21-9	PCB-1242	<2.0		2.0	0.39
12672-29-6	PCB-1248	<2.0		2.0	0.35
11097-69-1	PCB-1254	<2.0		2.0	0.33
11096-82-5	PCB-1260	33		2.0	0.17

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\20110418-4733.b\B4631.D  
 Lims ID: 510-64148-A-6-A Client ID: 3B  
 Inject. Date: 18-Apr-2011 11:35:43 Dil. Factor: 100.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-6-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 5  
 Lims Batch ID: 79092 Lims Sample ID: 6  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 11:51:20 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 11:52:13

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4631.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.396						
1	4		4.966						
1	5		5.518						
2	6		3.745						
2	7		4.323						
2	8		5.212						
2	9		5.646						
2	10		5.939						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

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

11 PCB-1260

1	1	6.801	6.800	0.001	95234345	954.5		100.0	
1	2	7.293	7.291	0.002	157200073	1037.1	121.7- 181.7	165.1	
1	3	7.532	7.530	0.002	58977699	984.4	30.7- 90.7	61.9	
1	4	7.843	7.841	0.002	172508999	1092.1	128.0- 188.0	181.1	
1	5	8.595	8.595	0.000	82083922	871.5	64.6- 124.6	86.2	
Average of Peak Amounts =						987.9			
2	6	7.906	7.907	-0.001	20052540	719.6		100.0	
2	7	8.272	8.272	0.000	46908897	848.6	175.0- 235.0	233.9	
2	8	8.697	8.697	0.000	63536410	959.0	212.3- 272.3	316.8	
2	9	9.416	9.416	0.000	34478665	713.7	147.4- 207.4	171.9	
2	10	9.807	9.808	-0.001	36694508	690.5	163.3- 223.3	183.0	
Average of Peak Amounts =						786.3			

RPD = 22.73

\$ 3 Dibutylchloroendate

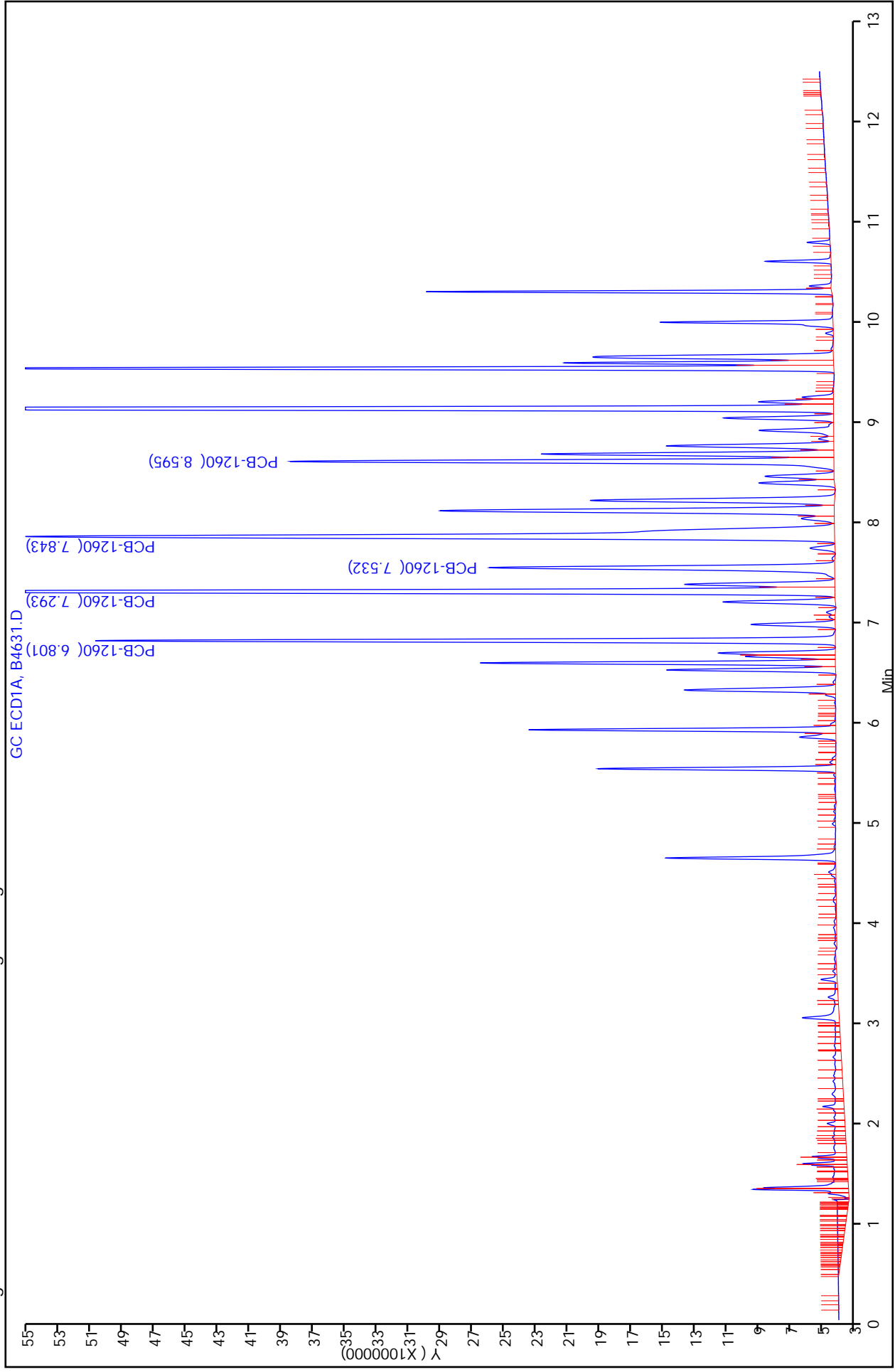
1	1	9.590
2	2	10.318

\$ 2 DCB Decachlorobiphenyl

1	1	10.787
2	2	11.641

Report Date: 18-Apr-2011 11:52:13 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4631.D  
Injection Date: 18-Apr-2011 11:35:43 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 3B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 6  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 18-Apr-2011 11:52:13

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4631.D

Injection Date: 18-Apr-2011 11:35:43

Limit Group: SGC - 1 - 8082 CAL

Client ID: 3B

Instrument ID: SGCA

Lims Batch ID: 79092

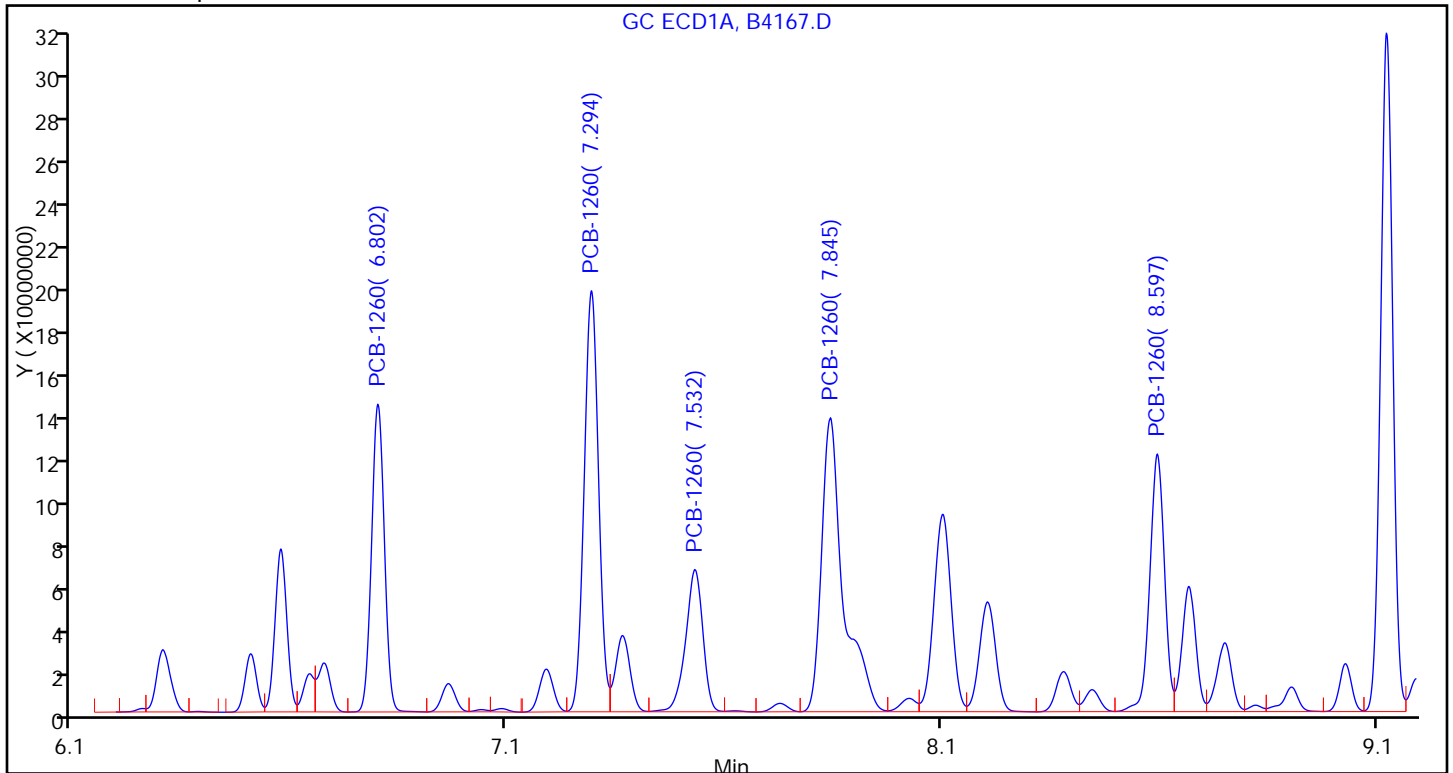
Lims Sample ID: 6

Operator ID:

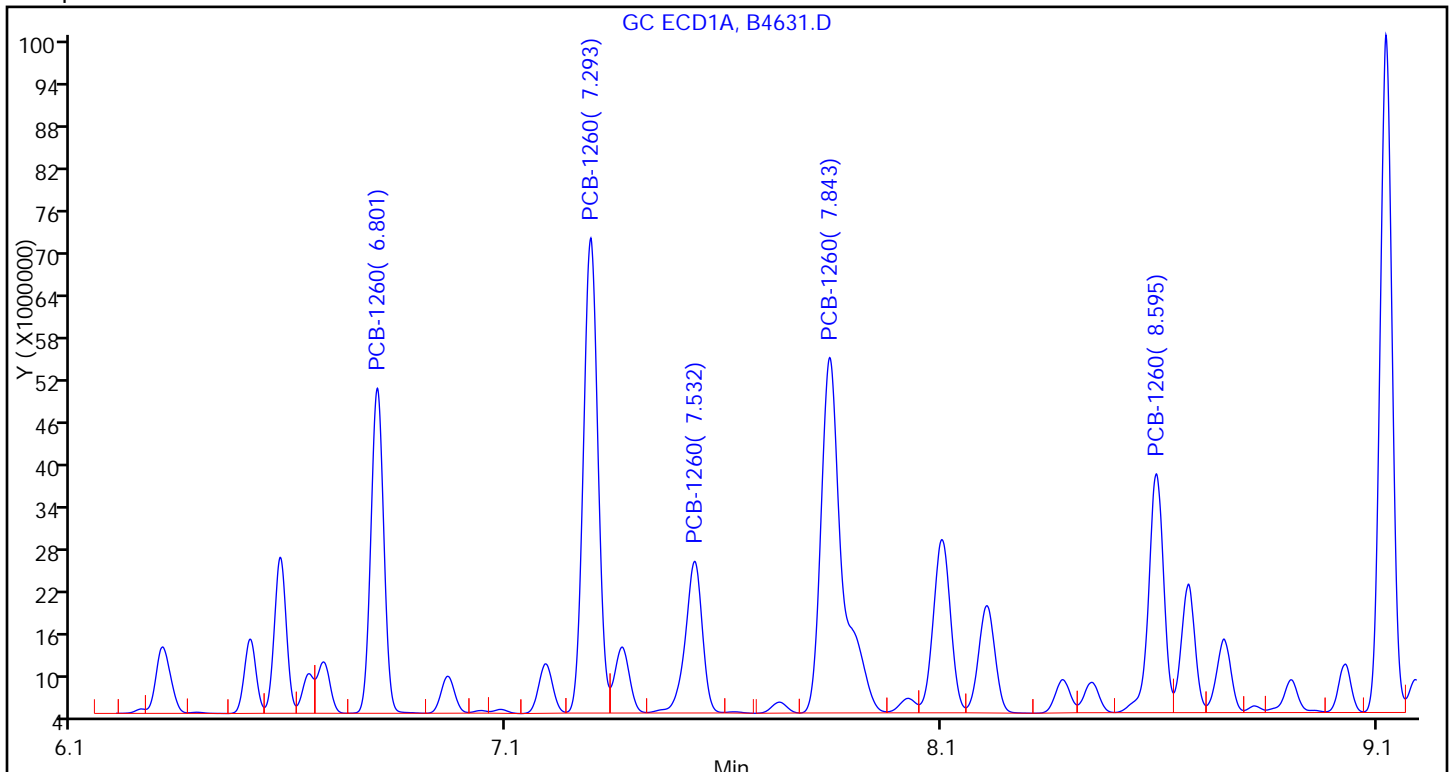
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 4B DL2 Lab Sample ID: 510-64148-7 DL2  
 Matrix: Solid Lab File ID: B4632.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 11:30  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.13(g) Date Analyzed: 04/18/2011 11:50  
 Con. Extract Vol.: 5(mL) Dilution Factor: 100  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.9 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<2.1		2.1	0.23
11104-28-2	PCB-1221	<2.1		2.1	0.62
11141-16-5	PCB-1232	<2.1		2.1	0.50
53469-21-9	PCB-1242	<2.1		2.1	0.39
12672-29-6	PCB-1248	<2.1		2.1	0.36
11097-69-1	PCB-1254	<2.1		2.1	0.33
11096-82-5	PCB-1260	28		2.1	0.17

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\20110418-4733.b\B4632.D  
 Lims ID: 510-64148-A-7-A Client ID: 4B  
 Inject. Date: 18-Apr-2011 11:50:36 Dil. Factor: 100.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-7-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 6  
 Lims Batch ID: 79092 Lims Sample ID: 7  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 11:51:20 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 12:07:38

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsrv08\ChromData\SGCA\20110418-4733.b\B4632.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.396						
1	4		4.966						
1	5		5.518						
2	6		3.745						
2	7		4.323						
2	8		5.212						
2	9		5.646						
2	10		5.939						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.798	6.800	-0.002	79568726	793.4		100.0		
1	2	7.289	7.291	-0.002	129735320	851.8	121.7- 181.7	163.0		
1	3	7.528	7.530	-0.002	48241338	804.3	30.7- 90.7	60.6		
1	4	7.839	7.841	-0.002	141599933	893.0	128.0- 188.0	178.0		
1	5	8.593	8.595	-0.002	66920837	707.5	64.6- 124.6	84.1		
		Average of Peak Amounts =				810.0				
2	6	7.905	7.907	-0.002	19338193	693.0		100.0		
2	7	8.270	8.272	-0.002	42318284	762.5	175.0- 235.0	218.8		
2	8	8.695	8.697	-0.002	53737036	805.2	212.3- 272.3	277.9		
2	9	9.415	9.416	-0.001	28362701	583.6	147.4- 207.4	146.7		
2	10	9.806	9.808	-0.002	30734357	574.5	163.3- 223.3	158.9		
		Average of Peak Amounts =				683.8				
						RPD = 16.90				

\$ 3 Dibutylchloroendate

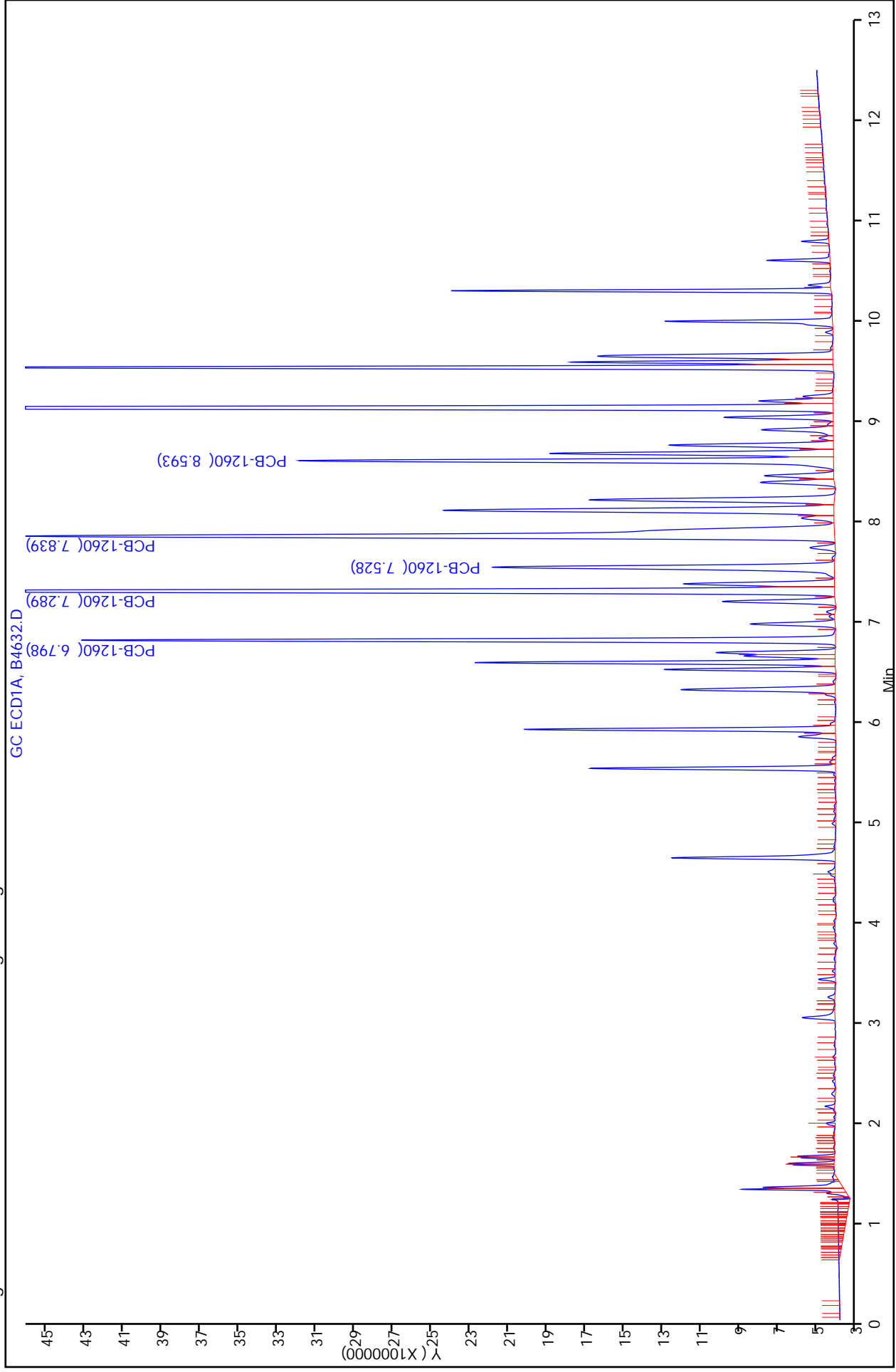
1	1	9.590
2	2	10.318

\$ 2 DCB Decachlorobiphenyl

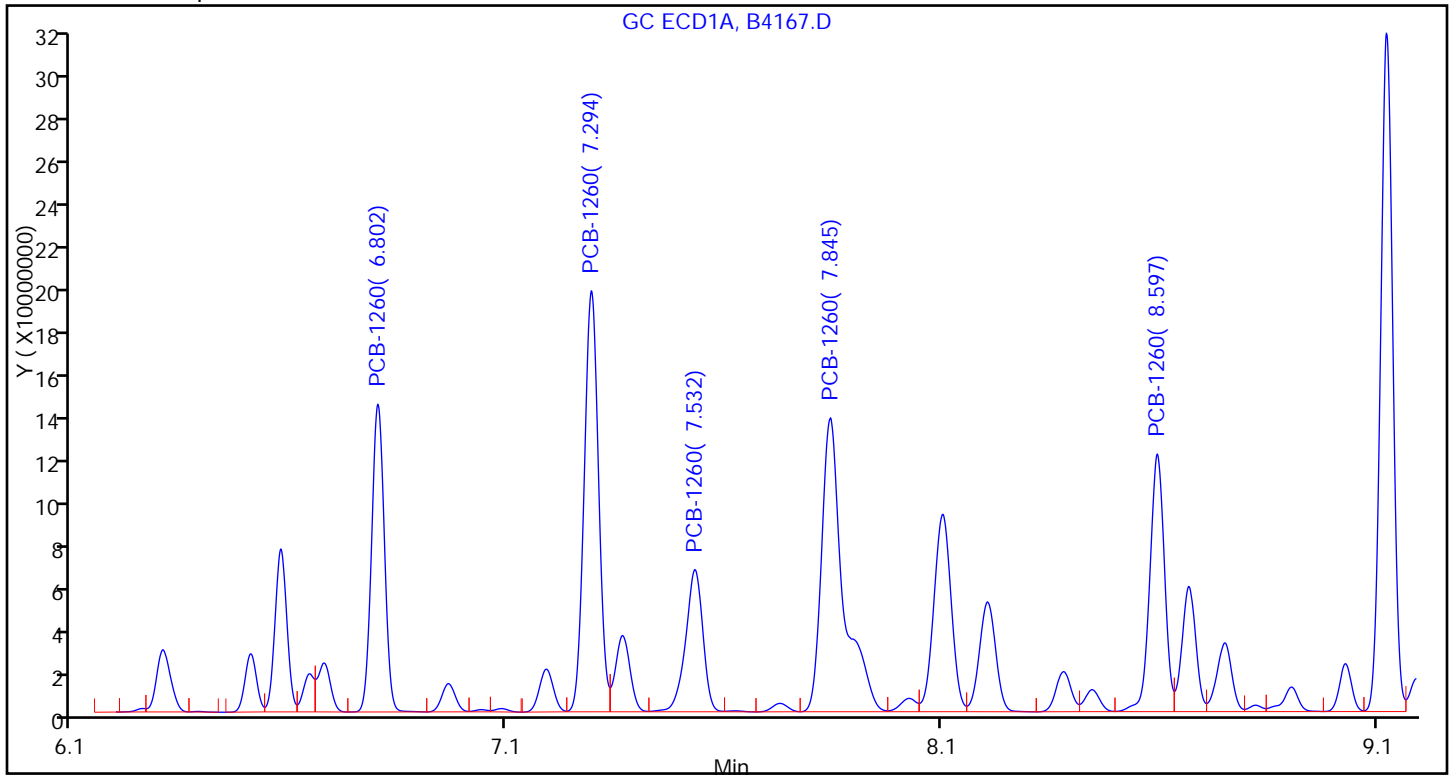
1	1	10.787
2	2	11.641

Report Date: 18-Apr-2011 12:07:38 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4632.D  
Injection Date: 18-Apr-2011 11:50:36 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 4B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 7  
Operator ID: Injection Vol: 1.00 ul

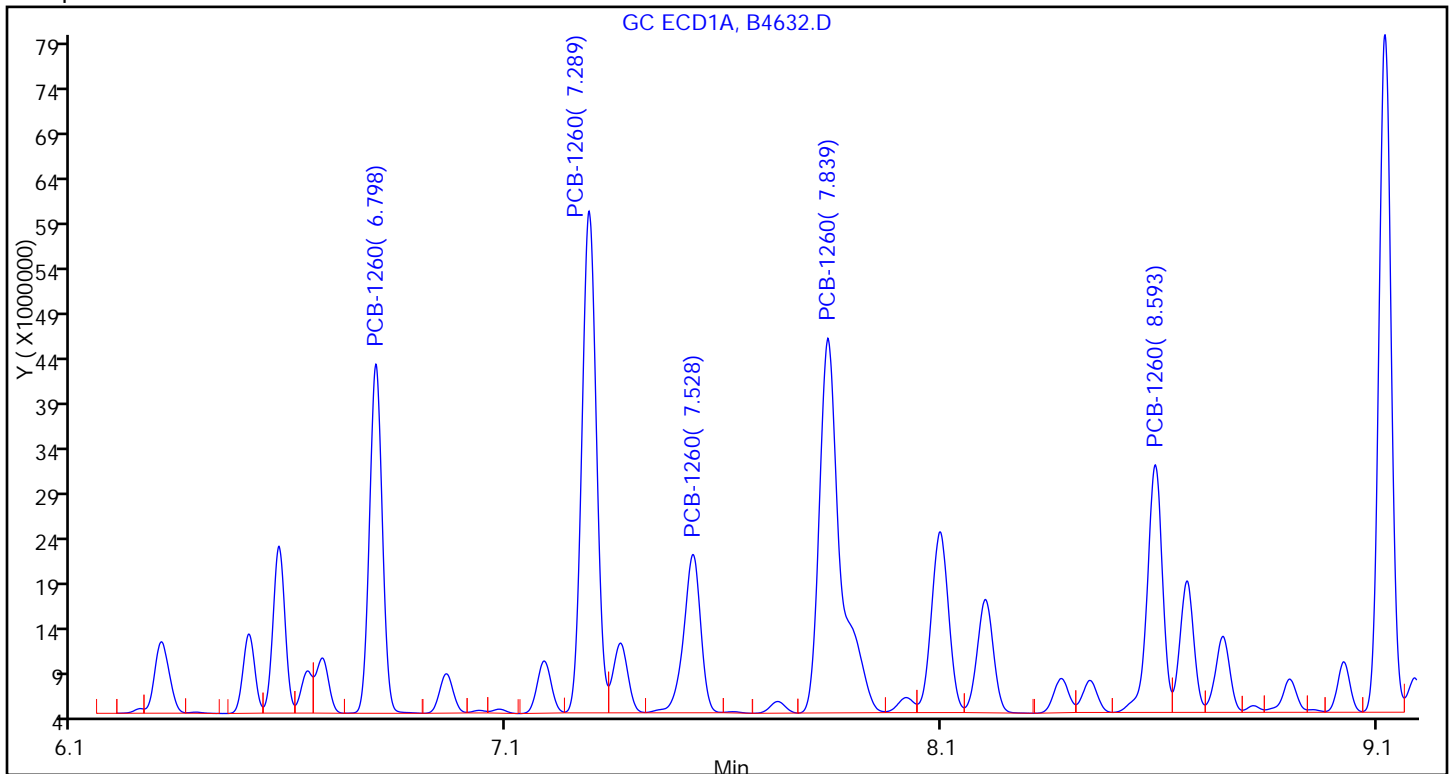
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 5B DL2 Lab Sample ID: 510-64148-8 DL2  
 Matrix: Solid Lab File ID: B4633.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 11:45  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.56(g) Date Analyzed: 04/18/2011 12:05  
 Con. Extract Vol.: 5(mL) Dilution Factor: 500  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<10		10	1.1
11104-28-2	PCB-1221	<10		10	3.0
11141-16-5	PCB-1232	<10		10	2.4
53469-21-9	PCB-1242	<10		10	1.9
12672-29-6	PCB-1248	<10		10	1.7
11097-69-1	PCB-1254	<10		10	1.6
11096-82-5	PCB-1260	130		10	0.82

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\20110418-4733.b\B4633.D  
 Lims ID: 510-64148-A-8-A Client ID: 5B  
 Inject. Date: 18-Apr-2011 12:05:38 Dil. Factor: 500.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-8-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 7  
 Lims Batch ID: 79092 Lims Sample ID: 8  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 11:51:20 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 12:33:51

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937



Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.396						
1	4		4.966						
1	5		5.518						
2	6		3.745						
2	7		4.323						
2	8		5.212						
2	9		5.646						
2	10		5.939						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

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

11 PCB-1260

1	1	6.799	6.800	-0.001	73814388	734.5		100.0	
1	2	7.290	7.291	-0.001	119690500	784.4	121.7- 181.7	162.2	
1	3	7.529	7.530	-0.001	44538420	742.2	30.7- 90.7	60.3	
1	4	7.840	7.841	-0.001	130500972	821.8	128.0- 188.0	176.8	
1	5	8.593	8.595	-0.002	62629361	661.2	64.6- 124.6	84.8	
Average of Peak Amounts =						748.8			
2	6	7.905	7.907	-0.002	17846768	637.6		100.0	
2	7	8.271	8.272	-0.001	39360076	707.2	175.0- 235.0	220.5	
2	8	8.696	8.697	-0.001	49454351	738.6	212.3- 272.3	277.1	
2	9	9.416	9.416	0.000	28116637	578.4	147.4- 207.4	157.5	
2	10	9.806	9.808	-0.002	29848254	557.3	163.3- 223.3	167.2	
Average of Peak Amounts =						643.8			

RPD = 15.08

\$ 3 Dibutylchloroendate

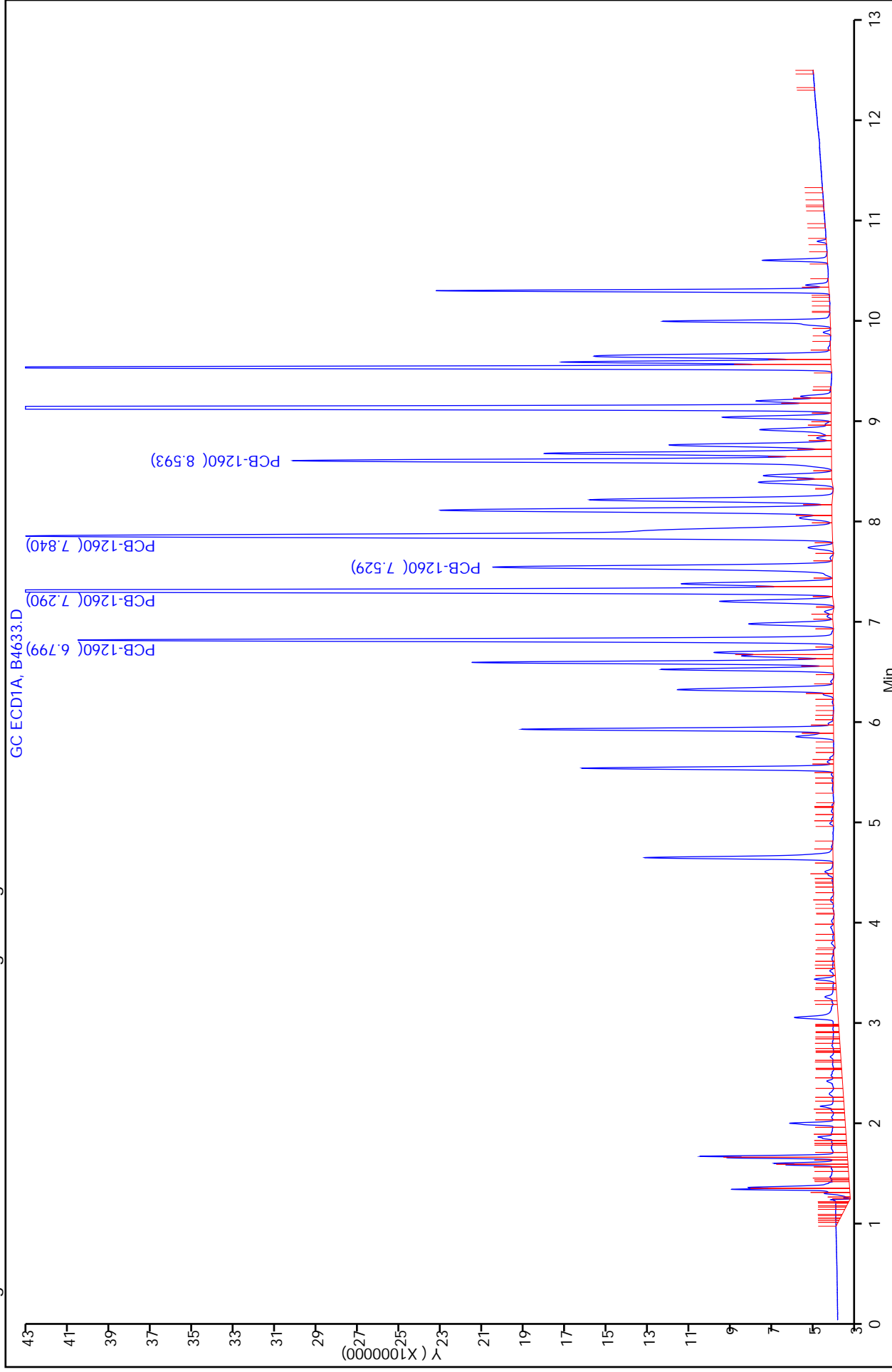
1	1	9.590
2	2	10.318

\$ 2 DCB Decachlorobiphenyl

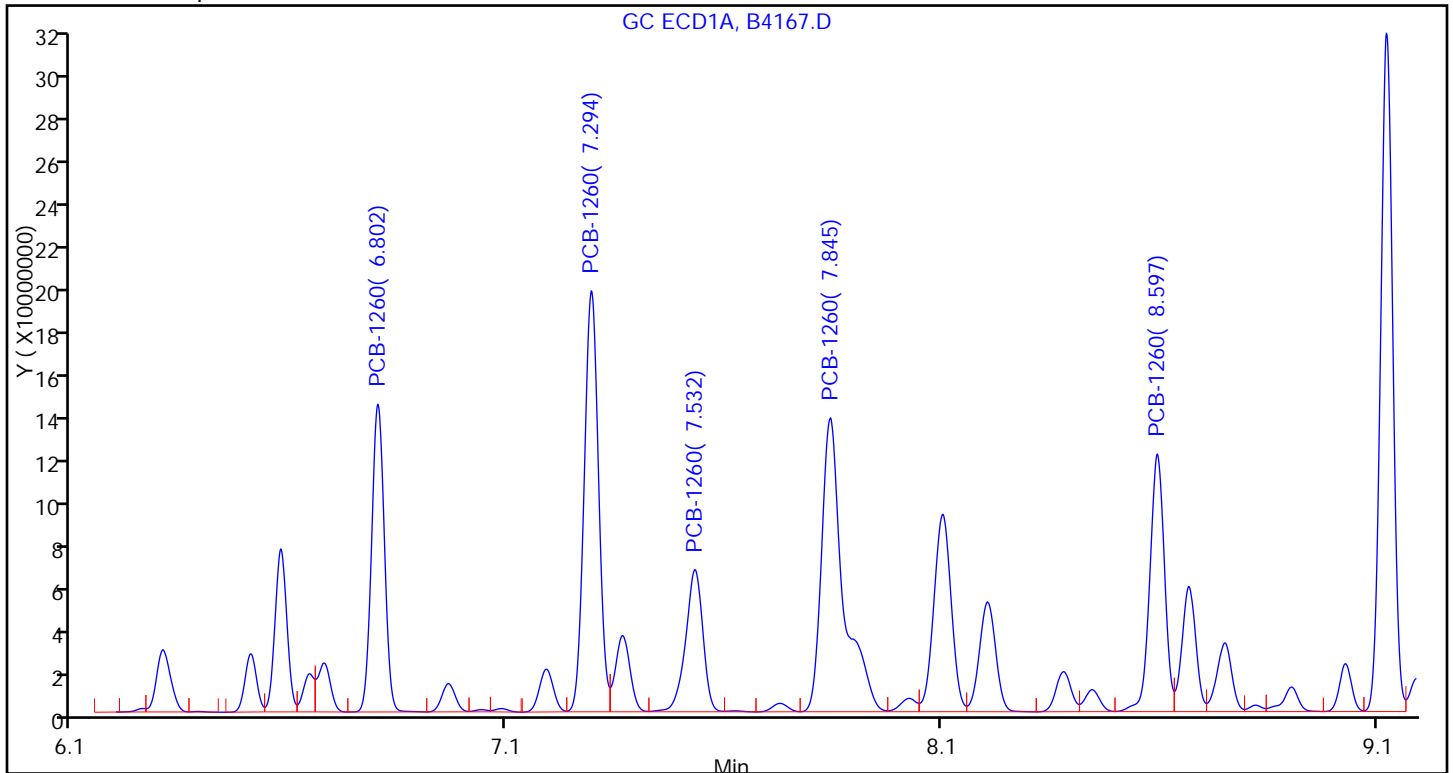
1	1	10.787
2	2	11.641

Report Date: 18-Apr-2011 12:33:51 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4633.D  
Injection Date: 18-Apr-2011 12:05:38 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 5B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 8  
Operator ID: Injection Vol: 1.00 ul

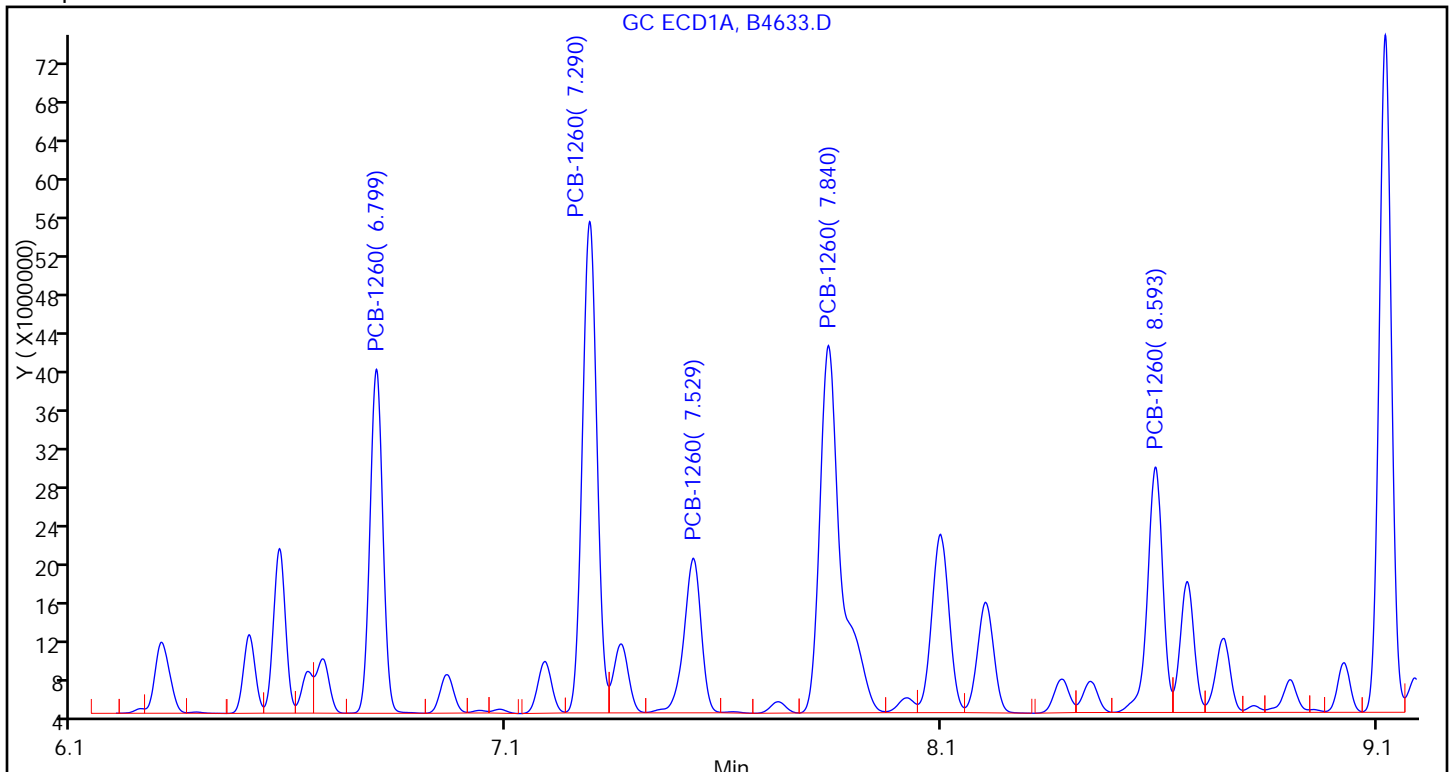
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 6B DL2 Lab Sample ID: 510-64148-9 DL2  
 Matrix: Solid Lab File ID: B4634.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 12:00  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.25(g) Date Analyzed: 04/18/2011 12:20  
 Con. Extract Vol.: 5(mL) Dilution Factor: 200  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 6.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<4.2		4.2	0.48
11104-28-2	PCB-1221	<4.2		4.2	1.3
11141-16-5	PCB-1232	<4.2		4.2	1.0
53469-21-9	PCB-1242	<4.2		4.2	0.80
12672-29-6	PCB-1248	<4.2		4.2	0.72
11097-69-1	PCB-1254	<4.2		4.2	0.68
11096-82-5	PCB-1260	120		4.2	0.34

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\20110418-4733.b\B4634.D  
 Lims ID: 510-64148-A-9-A Client ID: 6B  
 Inject. Date: 18-Apr-2011 12:20:31 Dil. Factor: 200.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-9-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 8  
 Lims Batch ID: 79092 Lims Sample ID: 9  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 11:51:20 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 12:34:23

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4634.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.396						
1	4		4.966						
1	5		5.518						
2	6		3.745						
2	7		4.323						
2	8		5.212						
2	9		5.646						
2	10		5.939						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
11 PCB-1260									
1	1	6.798	6.800	-0.002	157230026	1604.3		100.0	
1	2	7.289	7.291	-0.002	267965229	1797.1	121.7- 181.7	170.4	
1	3	7.528	7.530	-0.002	100107194	1673.9	30.7- 90.7	63.7	
1	4	7.840	7.841	-0.001	300031423	1924.3	128.0- 188.0	190.8	
1	5	8.593	8.595	-0.002	131824223	1413.8	64.6- 124.6	83.8	
Average of Peak Amounts =						1682.7			
2	6	7.906	7.907	-0.001	37247759	1374.0		100.0	
2	7	8.271	8.272	-0.001	83496670	1548.8	175.0- 235.0	224.2	
2	8	8.696	8.697	-0.001	109282006	1699.3	212.3- 272.3	293.4	
2	9	9.415	9.416	-0.001	59377799	1253.7	147.4- 207.4	159.4	
2	10	9.807	9.808	-0.001	63904122	1232.5	163.3- 223.3	171.6	
Average of Peak Amounts =						1421.6			
						RPD = 16.82			

\$ 3 Dibutylchloroendate

1	1	9.590
2	2	10.318

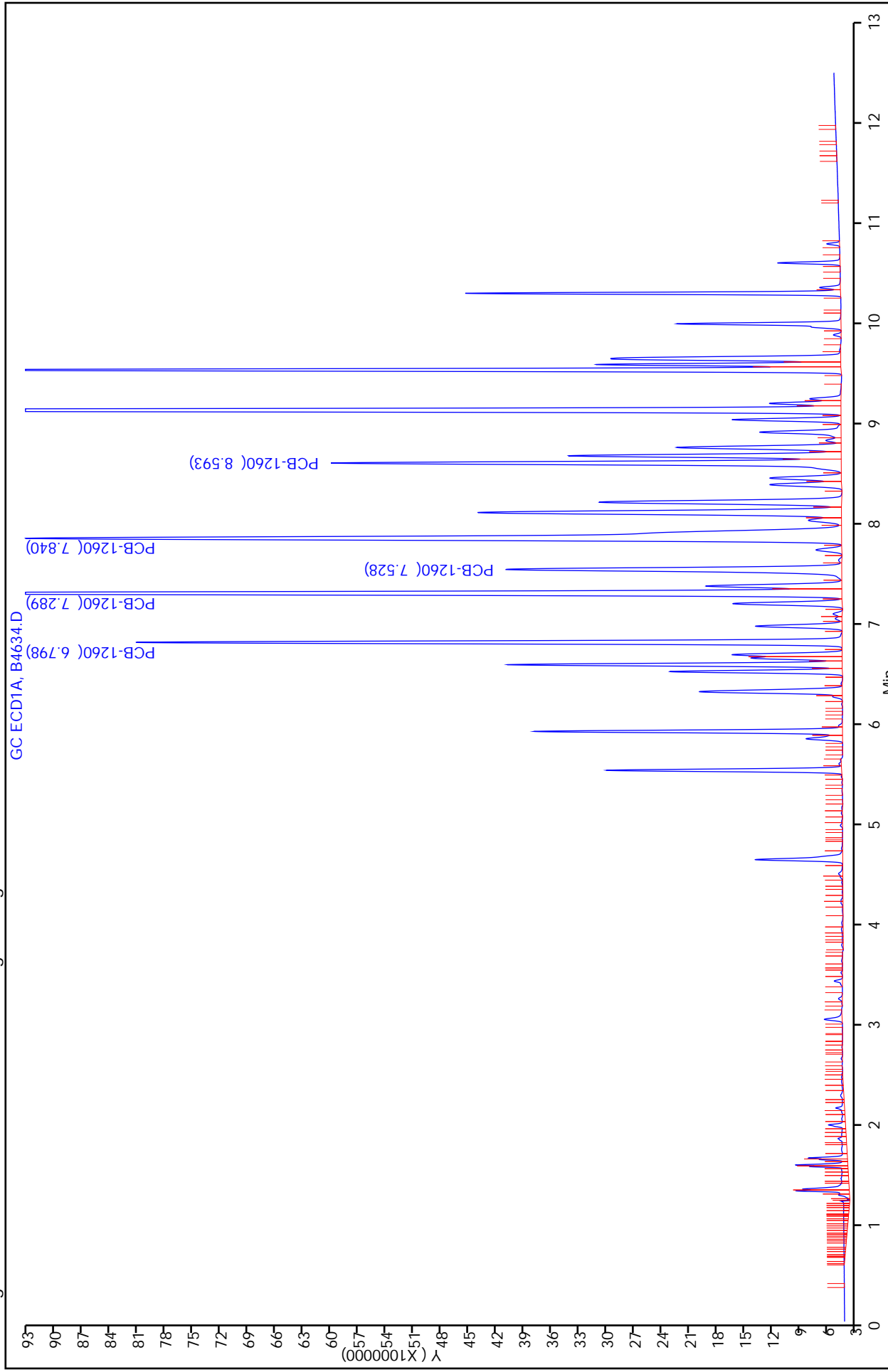
\$ 2 DCB Decachlorobiphenyl

1	1	10.787
2	2	11.641



Report Date: 18-Apr-2011 12:34:24 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4634.D  
 Injection Date: 18-Apr-2011 12:20:31 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: 6B Instrument ID: SGCA  
 Lims Batch ID: 79092 Lims Sample ID: 9  
 Operator ID: Injection Vol: 1.00 ul

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



Report Date: 18-Apr-2011 12:34:24

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4634.D

Injection Date: 18-Apr-2011 12:20:31

Limit Group: SGC - 1 - 8082 CAL

Client ID: 6B

Instrument ID: SGCA

Lims Batch ID: 79092

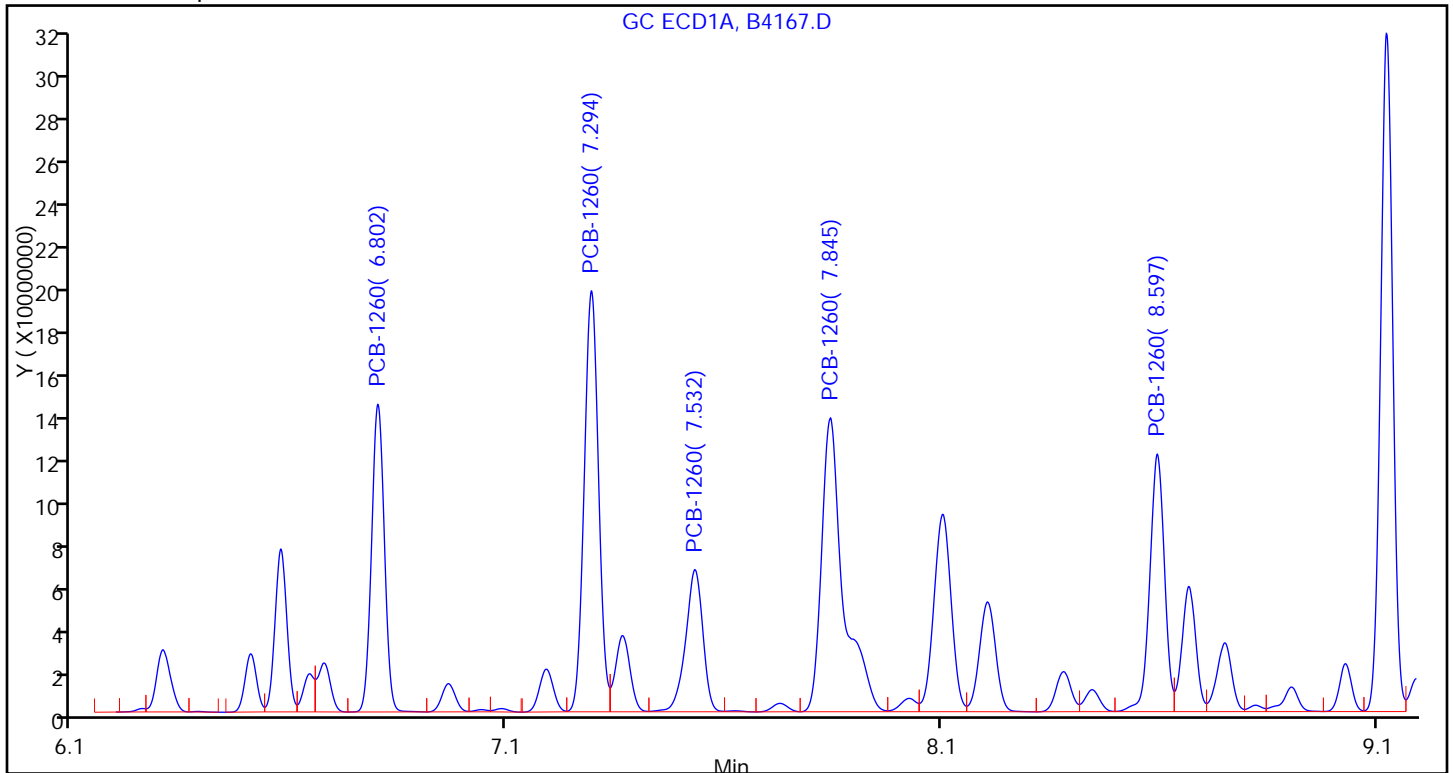
Lims Sample ID: 9

Operator ID:

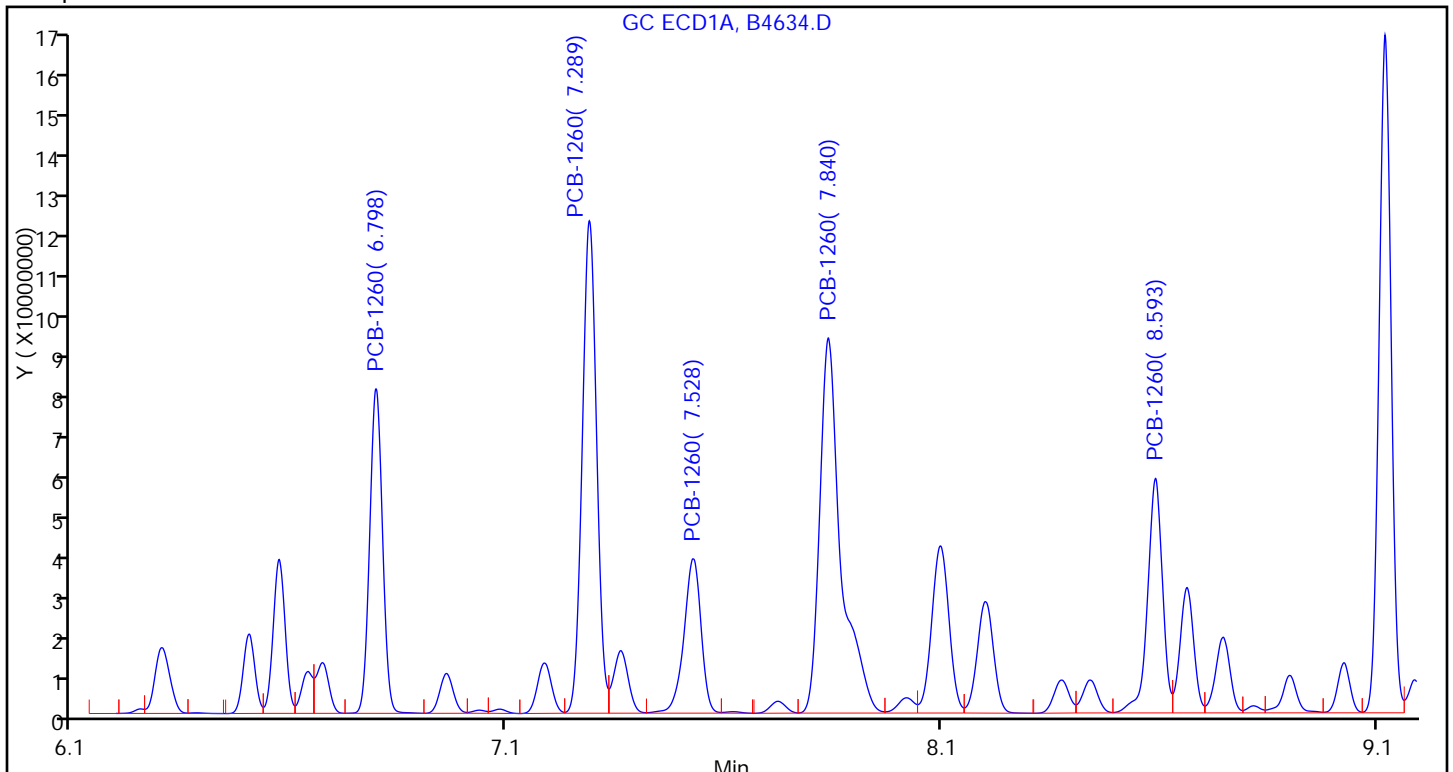
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 7B DL2 Lab Sample ID: 510-64148-10 DL2  
 Matrix: Solid Lab File ID: B4635.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 12:15  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.15(g) Date Analyzed: 04/18/2011 12:35  
 Con. Extract Vol.: 5(mL) Dilution Factor: 500  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 5.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 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	3.1
11141-16-5	PCB-1232	<10		10	2.5
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	82		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\20110418-4733.b\B4635.D  
 Lims ID: 510-64148-A-10-A Client ID: 7B  
 Inject. Date: 18-Apr-2011 12:35:31 Dil. Factor: 500.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-10-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 9  
 Lims Batch ID: 79092 Lims Sample ID: 10  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 14:18:28 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 14:45:43

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsrv08\ChromData\SGCA\20110418-4733.b\B4635.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.395						
1	4		4.965						
1	5		5.517						
2	6		3.744						
2	7		4.322						
2	8		5.210						
2	9		5.644						
2	10		5.937						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.799	6.799	0.000	46980668	461.9		100.0		
1	2	7.290	7.289	0.001	76644149	497.0	121.7- 181.7	163.1		
1	3	7.530	7.528	0.002	28090190	466.2	30.7- 90.7	59.8		
1	4	7.840	7.839	0.001	82966112	518.2	128.0- 188.0	176.6		
1	5	8.594	8.593	0.001	40135532	419.4	64.6- 124.6	85.4		
		Average of Peak Amounts =				472.5				
2	6	7.905	7.905	0.000	11029032	386.7		100.0		
2	7	8.271	8.270	0.001	24362093	429.2	175.0- 235.0	220.9		
2	8	8.696	8.695	0.001	31517058	462.5	212.3- 272.3	285.8		
2	9	9.416	9.414	0.002	17149345	347.6	147.4- 207.4	155.5		
2	10	9.808	9.805	0.003	18553235	340.3	163.3- 223.3	168.2		
		Average of Peak Amounts =				393.2				
						RPD = 18.32				

\$ 3 Dibutylchloroendate

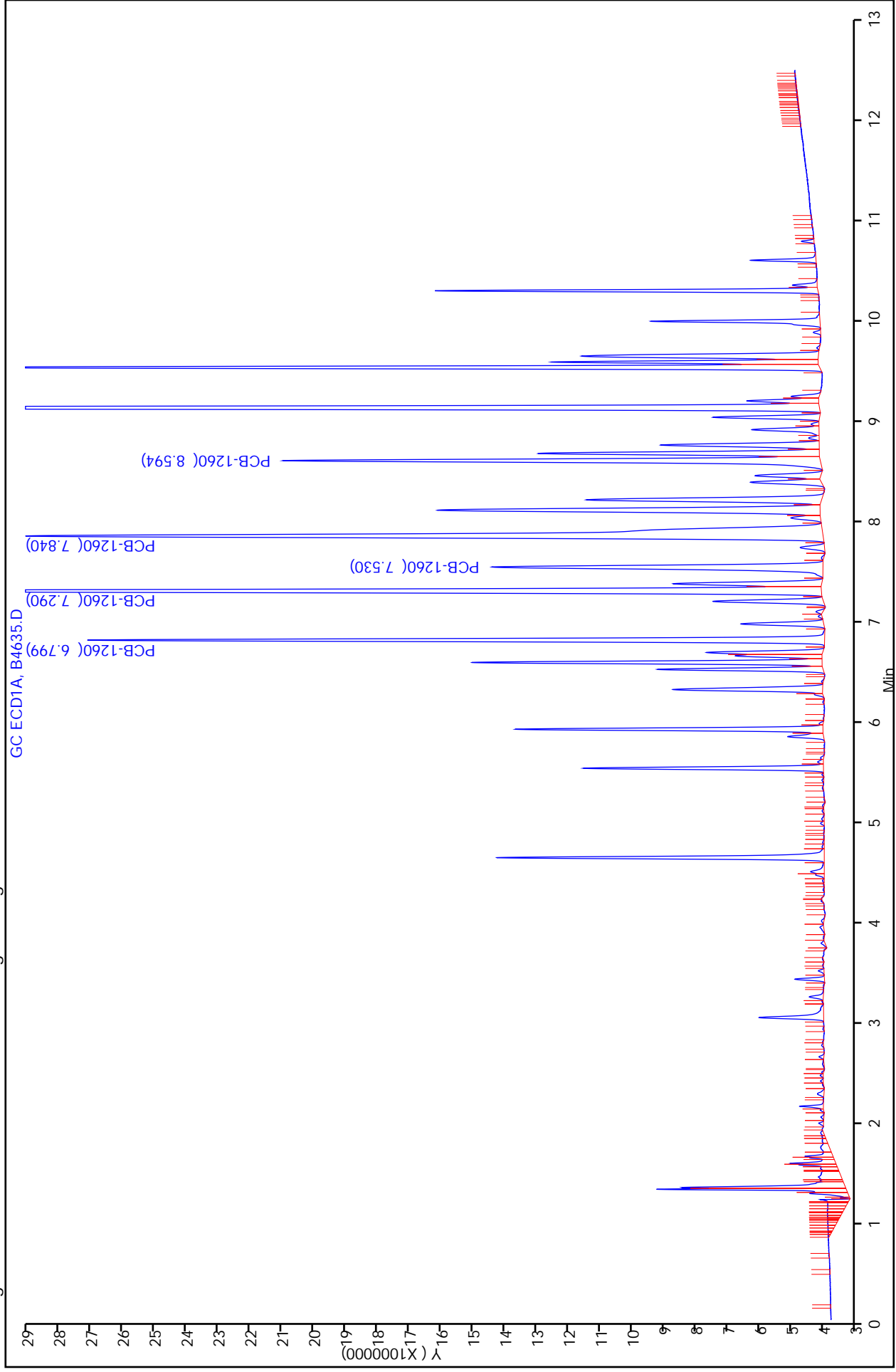
1	1	9.590
2	2	10.317

\$ 2 DCB Decachlorobiphenyl

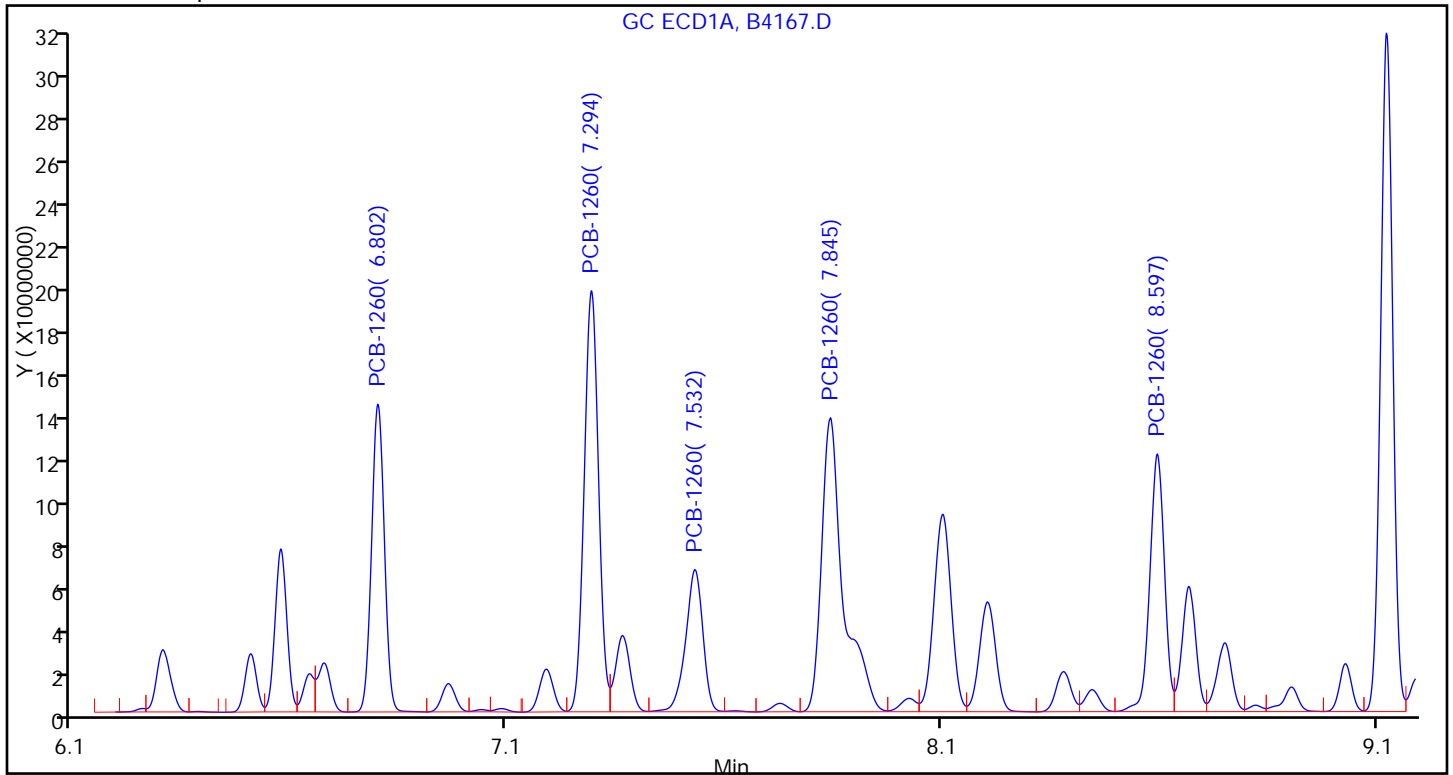
1	1	10.785
2	2	11.639

Report Date: 18-Apr-2011 14:45:43 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4635.D  
Injection Date: 18-Apr-2011 12:35:31 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 7B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 10  
Operator ID: Injection Vol: 1.00 ul

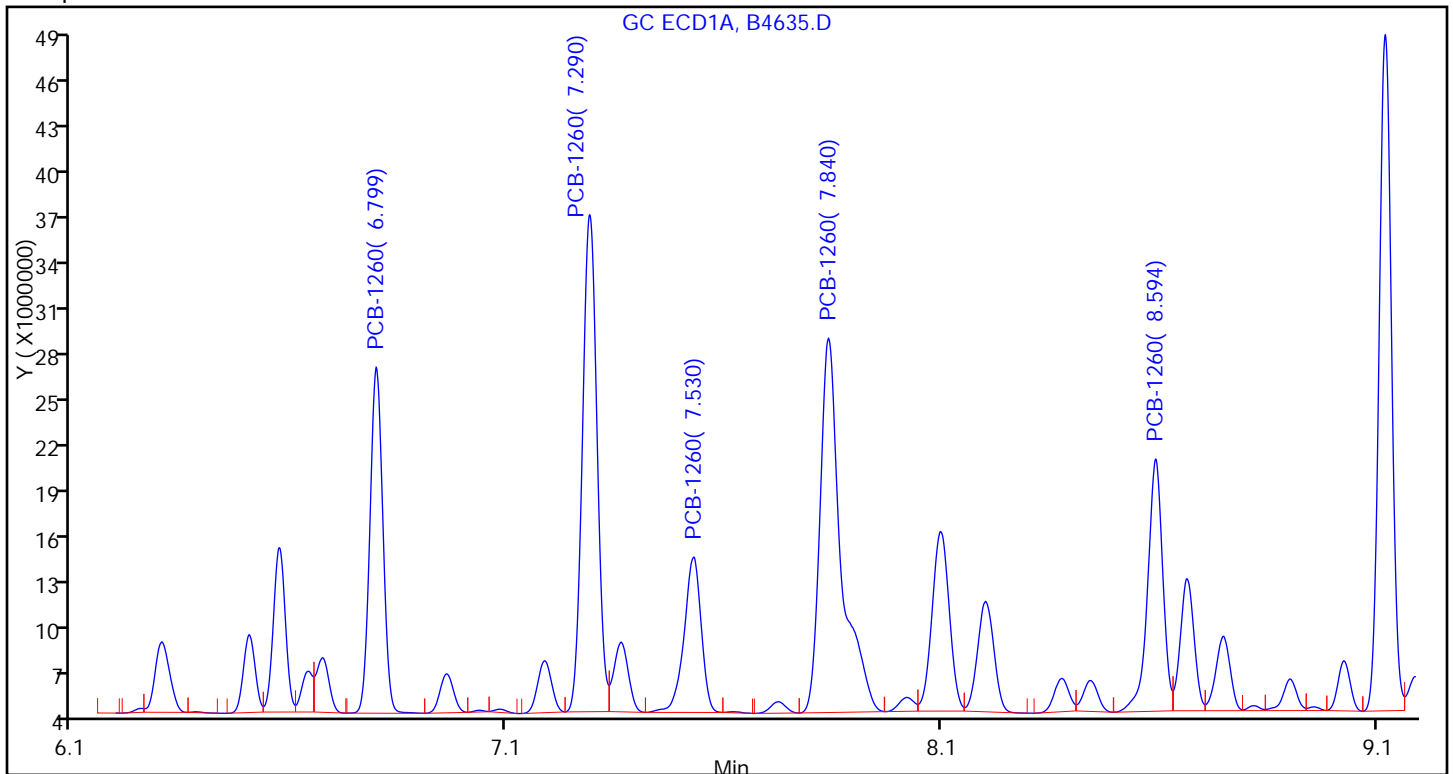
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 8B DL2 Lab Sample ID: 510-64148-11 DL2  
 Matrix: Solid Lab File ID: B4636.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 12:30  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 15.25(g) Date Analyzed: 04/18/2011 12:50  
 Con. Extract Vol.: 5(mL) Dilution Factor: 100  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<2.1		2.1	0.23
11104-28-2	PCB-1221	<2.1		2.1	0.62
11141-16-5	PCB-1232	<2.1		2.1	0.50
53469-21-9	PCB-1242	<2.1		2.1	0.39
12672-29-6	PCB-1248	<2.1		2.1	0.36
11097-69-1	PCB-1254	<2.1		2.1	0.33
11096-82-5	PCB-1260	25		2.1	0.17

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\20110418-4733.b\B4636.D  
 Lims ID: 510-64148-A-11-A Client ID: 8B  
 Inject. Date: 18-Apr-2011 12:50:33 Dil. Factor: 100.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-11-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 10  
 Lims Batch ID: 79092 Lims Sample ID: 11  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 14:18:28 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 14:46:08

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsrv08\ChromData\SGCA\20110418-4733.b\B4636.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.395						
1	4		4.965						
1	5		5.517						
2	6		3.744						
2	7		4.322						
2	8		5.210						
2	9		5.644						
2	10		5.937						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.799	6.799	0.000	70586440	701.5		100.0		
1	2	7.289	7.289	0.000	116429919	762.5	121.7- 181.7	164.9		
1	3	7.529	7.528	0.001	43215115	720.0	30.7- 90.7	61.2		
1	4	7.839	7.839	0.000	128096362	806.4	128.0- 188.0	181.5		
1	5	8.593	8.593	0.000	61273604	646.6	64.6- 124.6	86.8		
		Average of Peak Amounts =				727.4				
2	6	7.905	7.905	0.000	17165979	612.3		100.0		
2	7	8.269	8.270	-0.001	38051833	682.8	175.0- 235.0	221.7		
2	8	8.696	8.695	0.001	48650141	726.1	212.3- 272.3	283.4		
2	9	9.415	9.414	0.001	27673887	569.0	147.4- 207.4	161.2		
2	10	9.807	9.805	0.002	29944895	559.2	163.3- 223.3	174.4		
		Average of Peak Amounts =				629.9				
						RPD = 14.37				

\$ 3 Dibutylchloroendate

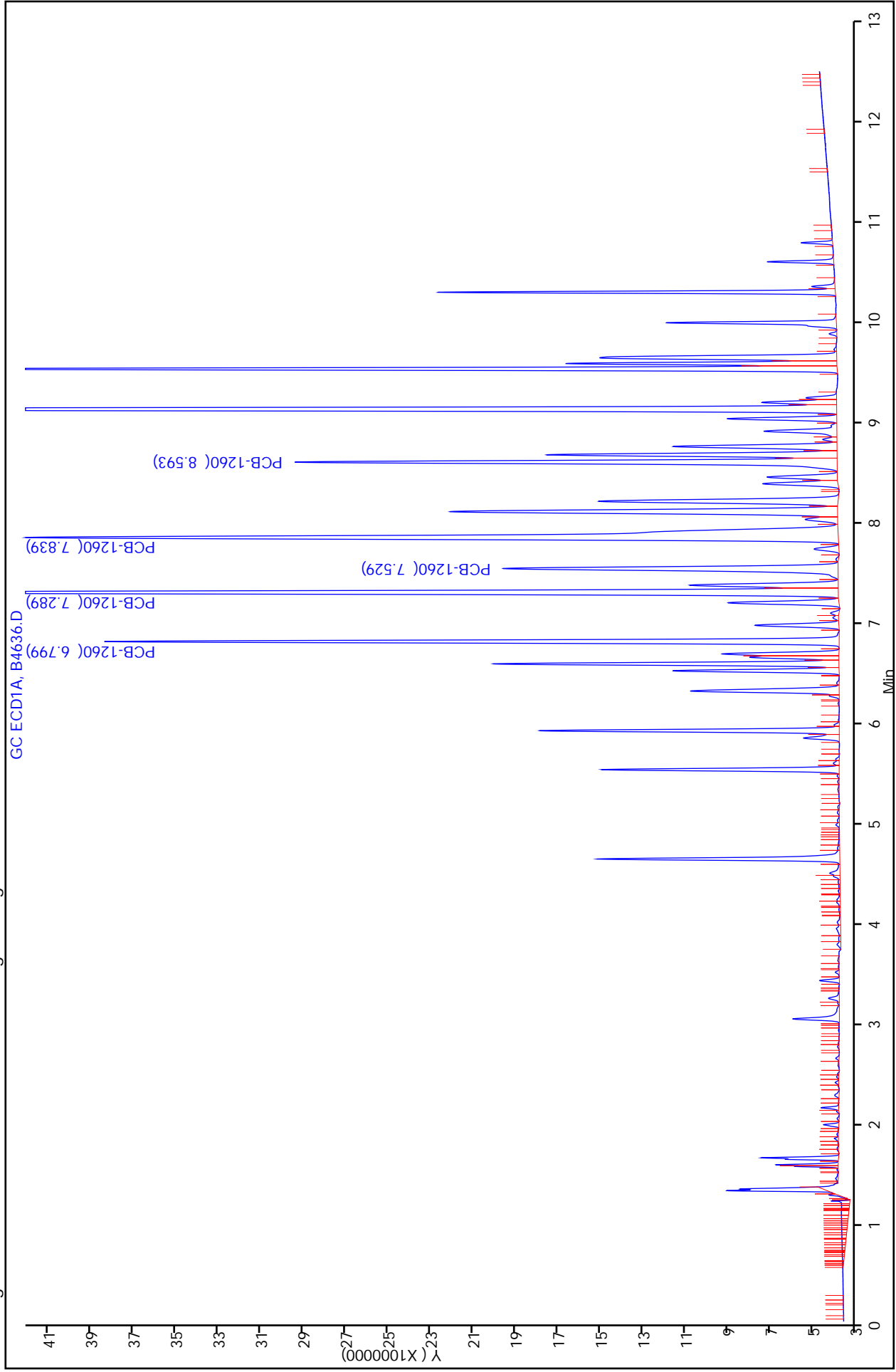
1	1	9.590
2	2	10.317

\$ 2 DCB Decachlorobiphenyl

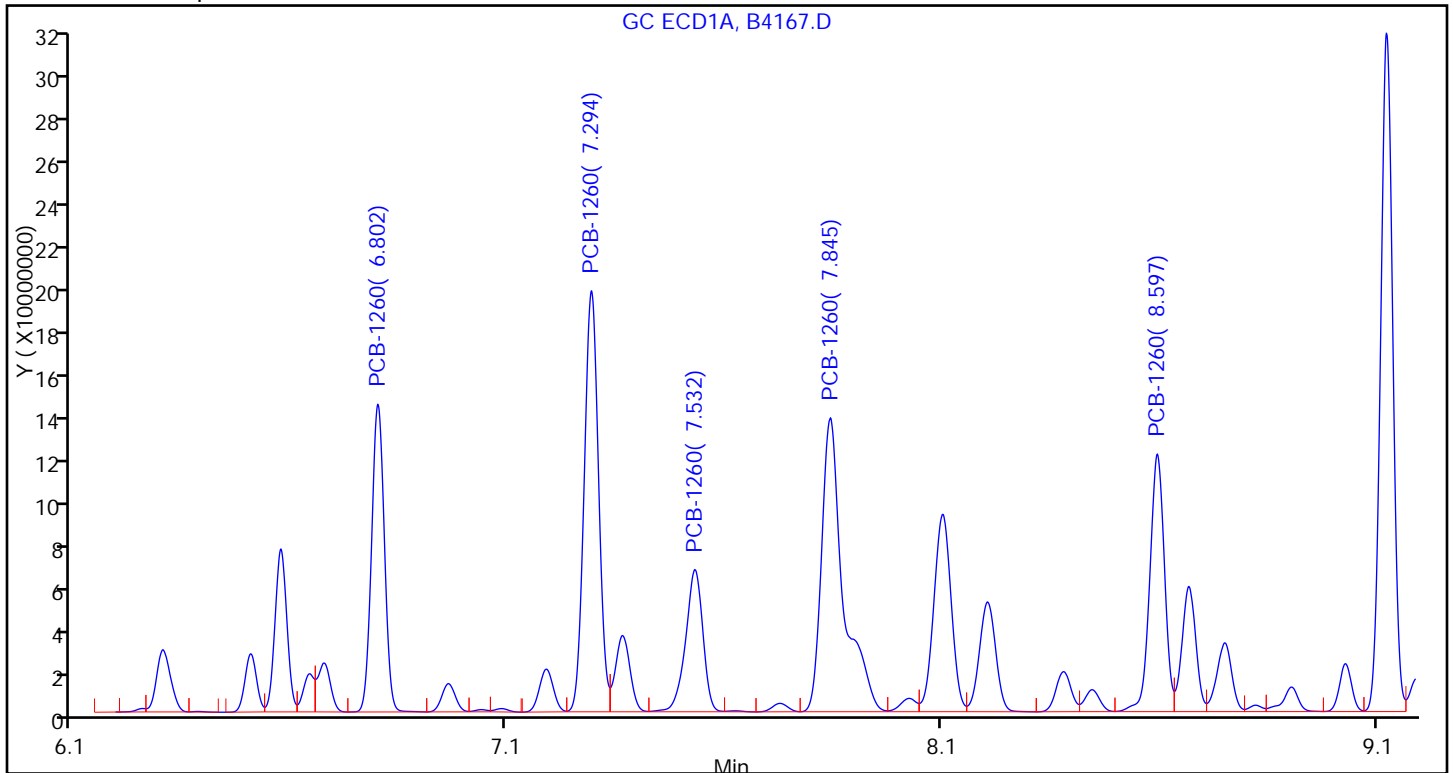
1	1	10.785
2	2	11.639

Report Date: 18-Apr-2011 14:46:08 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4636.D  
Injection Date: 18-Apr-2011 12:50:33 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 8B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 11  
Operator ID: Injection Vol: 1.00 ul

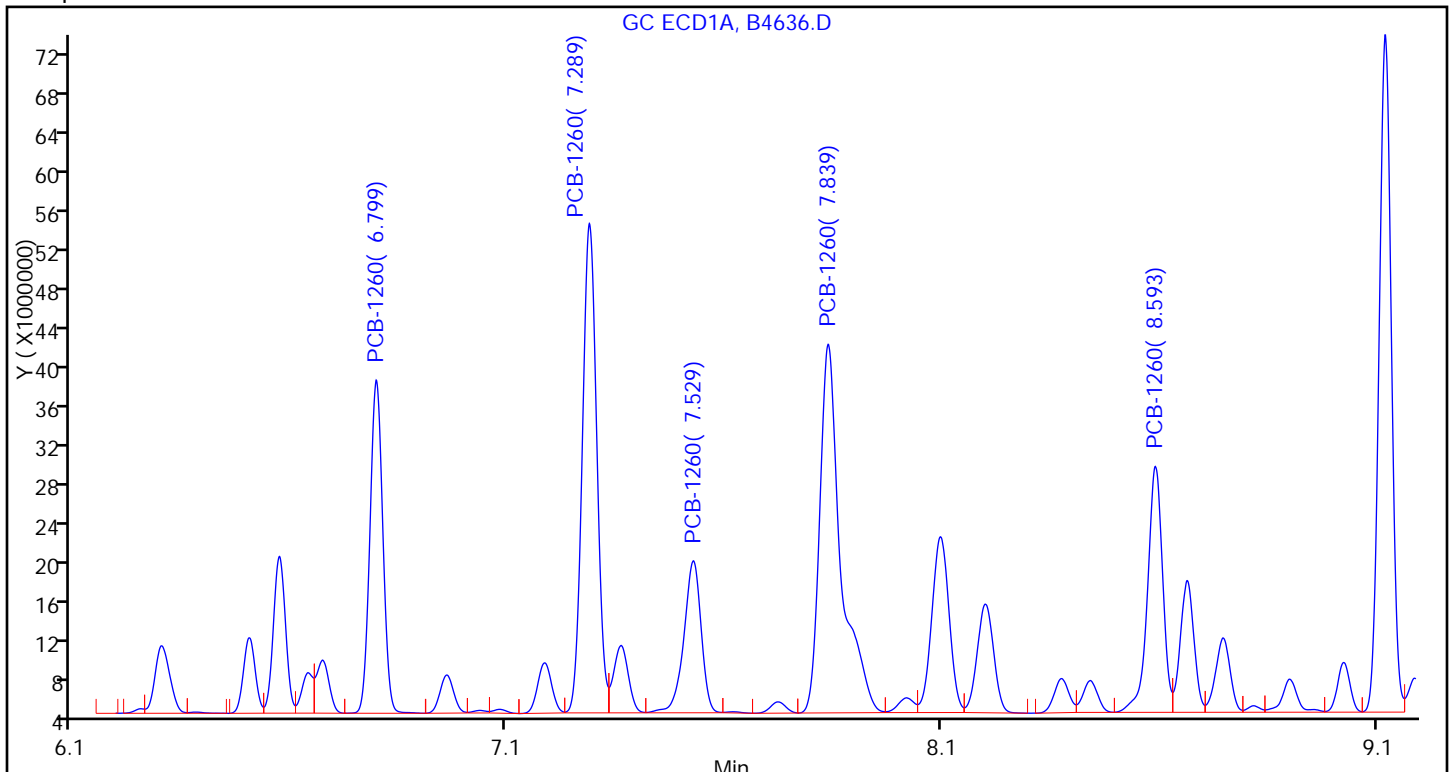
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 9B DL3 Lab Sample ID: 510-64148-12 DL3  
 Matrix: Solid Lab File ID: B4642.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 12:45  
 Extraction Method: 3541 Date Extracted: 04/14/2011 10:37  
 Sample wt/vol: 15.15(g) Date Analyzed: 04/18/2011 15:03  
 Con. Extract Vol.: 5(mL) Dilution Factor: 5000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<100		100	12
11104-28-2	PCB-1221	<100		100	31
11141-16-5	PCB-1232	<100		100	25
53469-21-9	PCB-1242	<100		100	20
12672-29-6	PCB-1248	<100		100	18
11097-69-1	PCB-1254	<100		100	17
11096-82-5	PCB-1260	1900		100	8.4

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\20110418-4733.b\B4642.D  
 Lims ID: 510-64148-A-12-A Client ID: 9B  
 Inject. Date: 18-Apr-2011 15:03:43 Dil. Factor: 5000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-12-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 16  
 Lims Batch ID: 79092 Lims Sample ID: 17  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 14:50:38 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 15:44:10

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937



Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.395						
1	4		4.965						
1	5		5.517						
2	6		3.744						
2	7		4.322						
2	8		5.210						
2	9		5.644						
2	10		5.937						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

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

11 PCB-1260

1	1	6.816	6.799	0.017	105949458	1065.4		100.0	
1	2	7.307	7.289	0.018	174328181	1153.3	121.7- 181.7	164.5	
1	3	7.546	7.528	0.018	65530063	1094.3	30.7- 90.7	61.9	
1	4	7.859	7.839	0.020	190743508	1210.0	128.0- 188.0	180.0	
1	5	8.609	8.593	0.016	90689040	964.9	64.6- 124.6	85.6	
Average of Peak Amounts =						1097.6			
2	6	7.910	7.905	0.005	24991701	904.8		100.0	
2	7	8.275	8.270	0.005	55632389	1013.3	175.0- 235.0	222.6	
2	8	8.699	8.695	0.004	70949568	1076.4	212.3- 272.3	283.9	
2	9	9.418	9.414	0.004	40516921	843.0	147.4- 207.4	162.1	
2	10	9.809	9.805	0.004	43618048	826.4	163.3- 223.3	174.5	
Average of Peak Amounts =						932.8			

RPD = 16.23

\$ 3 Dibutylchloroendate

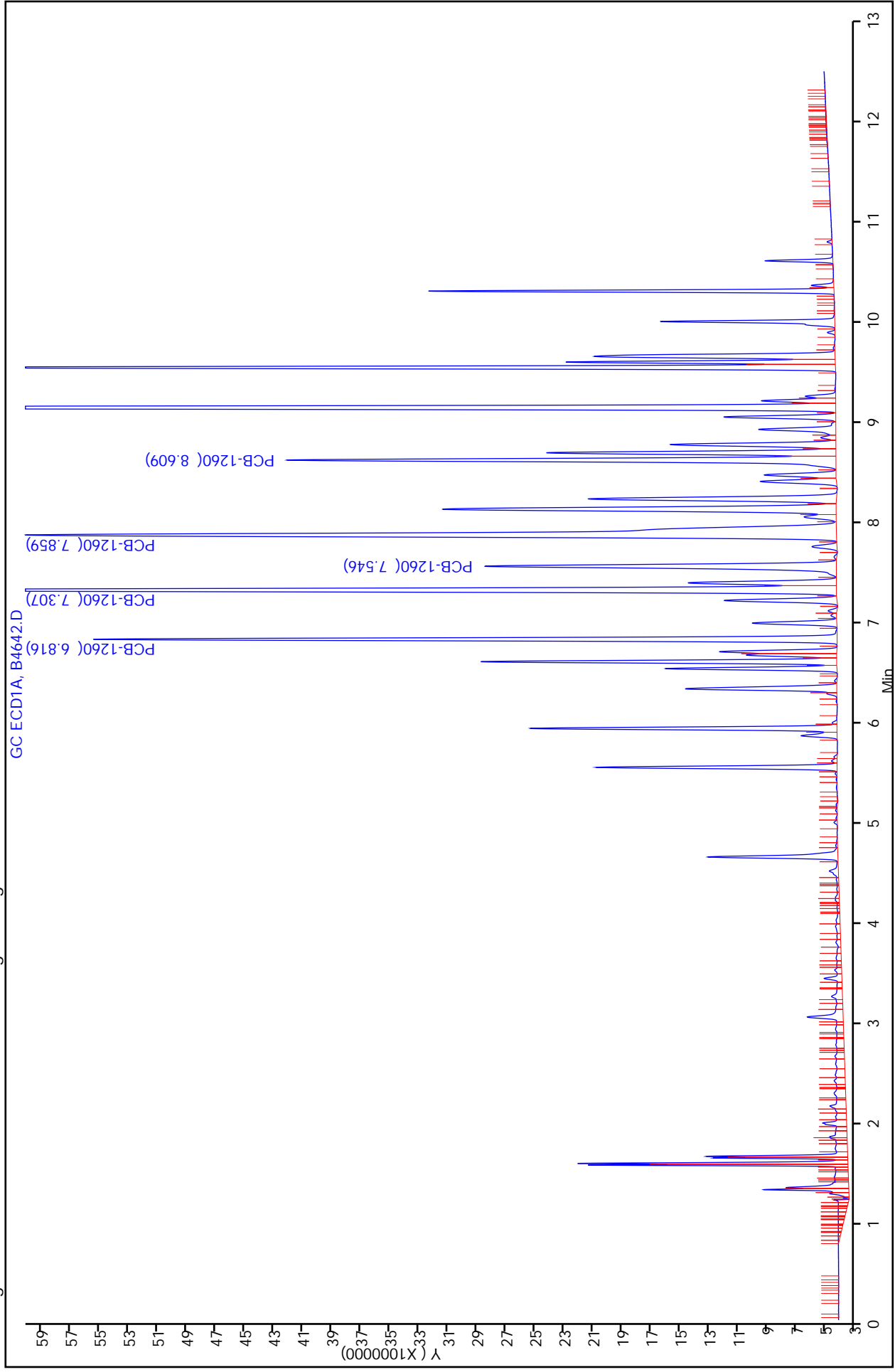
1	1	9.590							
2	2	10.317							

\$ 2 DCB Decachlorobiphenyl

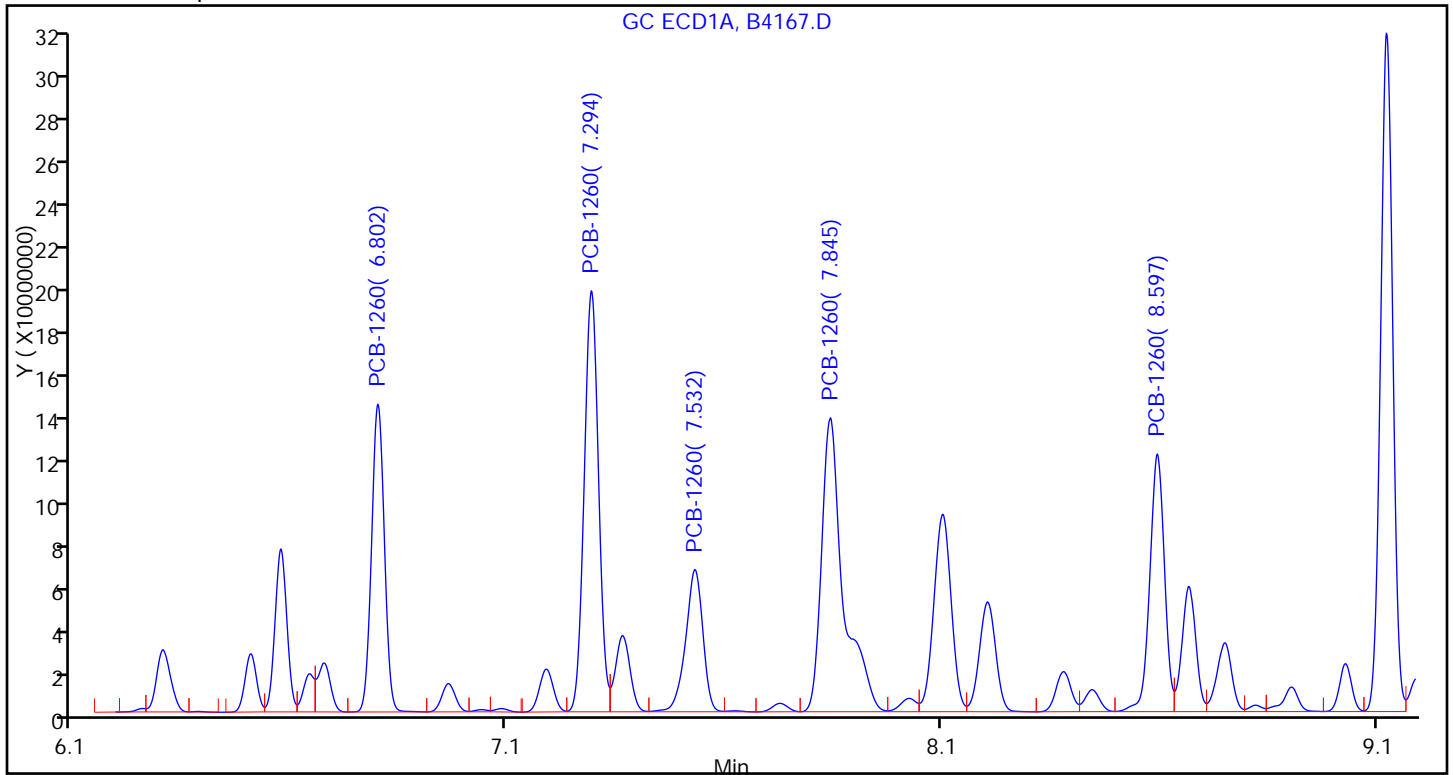
1	1	10.785							
2	2	11.639							

Report Date: 18-Apr-2011 15:44:10 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\vaisvr08\ChromData\SGCA\20110418-4733.b\B4642.D  
 Injection Date: 18-Apr-2011 15:03:43 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: 9B Instrument ID: SGCA  
 Lims Batch ID: 79092 Lims Sample ID: 17  
 Operator ID: Injection Vol: 1.00 ul

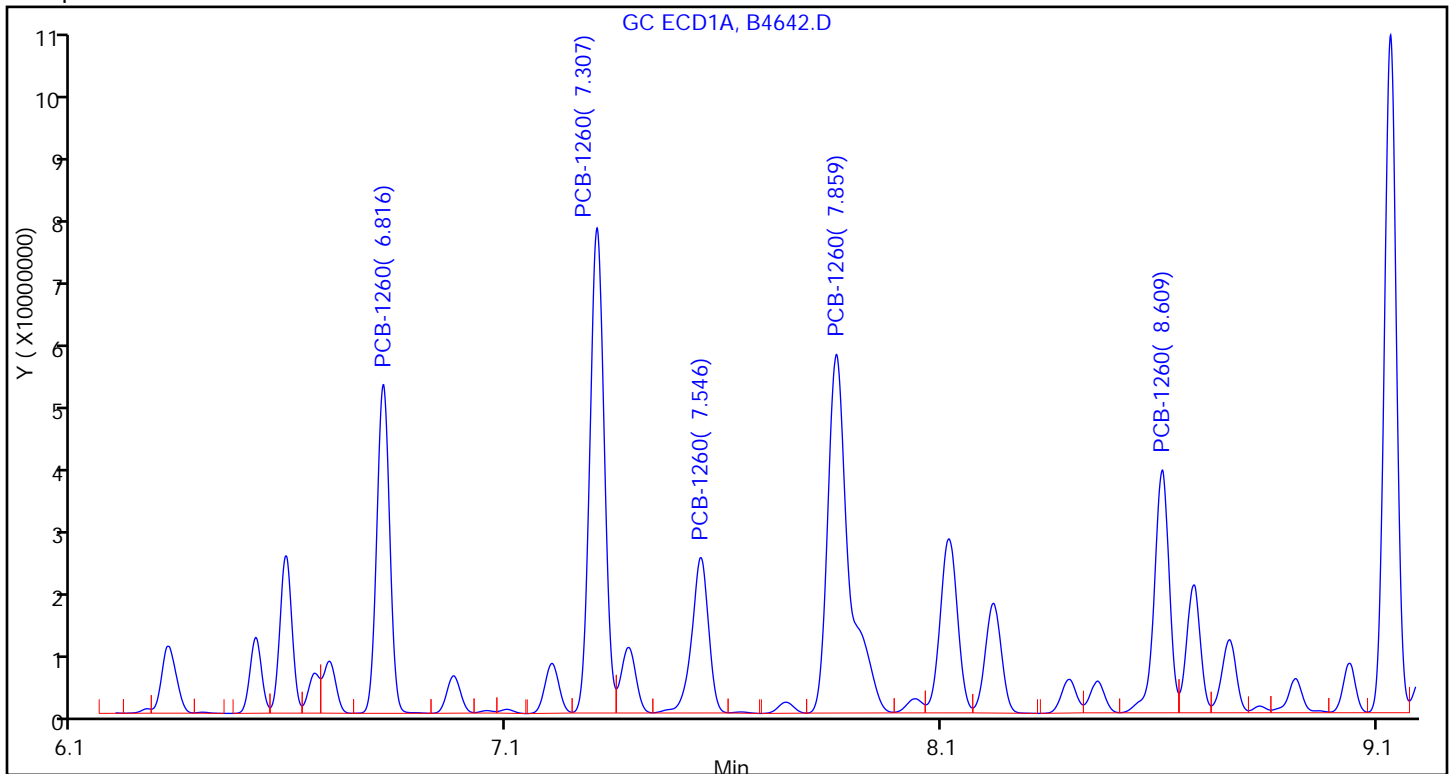
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 10B DL Lab Sample ID: 510-64148-13 DL  
 Matrix: Solid Lab File ID: B4609.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 13:00  
 Extraction Method: 3541 Date Extracted: 04/14/2011 10:37  
 Sample wt/vol: 15.58(g) Date Analyzed: 04/15/2011 18:21  
 Con. Extract Vol.: 5(mL) Dilution Factor: 10  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 5.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79013 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	0.061
11141-16-5	PCB-1232	<0.20		0.20	0.050
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	2.4		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\20110415-4720.b\B4609.D  
 Lims ID: 510-64148-A-13-A Client ID: 10B  
 Inject. Date: 15-Apr-2011 18:21:25 Dil. Factor: 10.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-13-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 32  
 Lims Batch ID: 79013 Lims Sample ID: 26  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 17-Apr-2011 09:34:41 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 17-Apr-2011 09:42:09

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4609.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.181						
1	2		3.608						
1	3		4.394						
1	4		4.965						
1	5		5.517						
2	6		3.744						
2	7		4.321						
2	8		5.210						
2	9		5.644						
2	10		5.937						
10 PCB-1242									
1	1		3.183						
1	2		3.612						
1	3		4.482						
1	4		5.145						
1	5		5.623						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.611						
2	10		6.998						
6 PCB-1248									
1	1		3.610						
1	2		4.219						
1	3		5.089						
1	4		5.623						
1	5		6.508						
2	6		4.323						
2	7		5.210						
2	8		5.940						
2	9		6.611						
2	10		7.001						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.958						
1	5		7.841						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.342						
2	10		9.285						

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	6.798	6.798	0.000	72342878	719.4		100.0	
1	2	7.289	7.289	0.000	117018398	766.5	121.7- 181.7	161.8	
1	3	7.528	7.527	0.001	42563489	709.1	30.7- 90.7	58.8	
1	4	7.839	7.838	0.001	124538302	783.6	128.0- 188.0	172.2	
1	5	8.594	8.592	0.002	56547712	595.7	64.6- 124.6	78.2	
Average of Peak Amounts =						714.8			
2	6	7.905	7.905	0.000	17093603	609.7		100.0	
2	7	8.270	8.269	0.001	38248369	686.5	175.0- 235.0	223.8	
2	8	8.695	8.695	0.000	47954214	715.3	212.3- 272.3	280.5	
2	9	9.415	9.414	0.001	26229181	538.4	147.4- 207.4	153.4	
2	10	9.806	9.806	0.000	27395261	509.9	163.3- 223.3	160.3	
Average of Peak Amounts =						612.0			

RPD = 15.51

\$ 3 Dibutylchloroendate

1	1	9.589							
2	2	10.316							

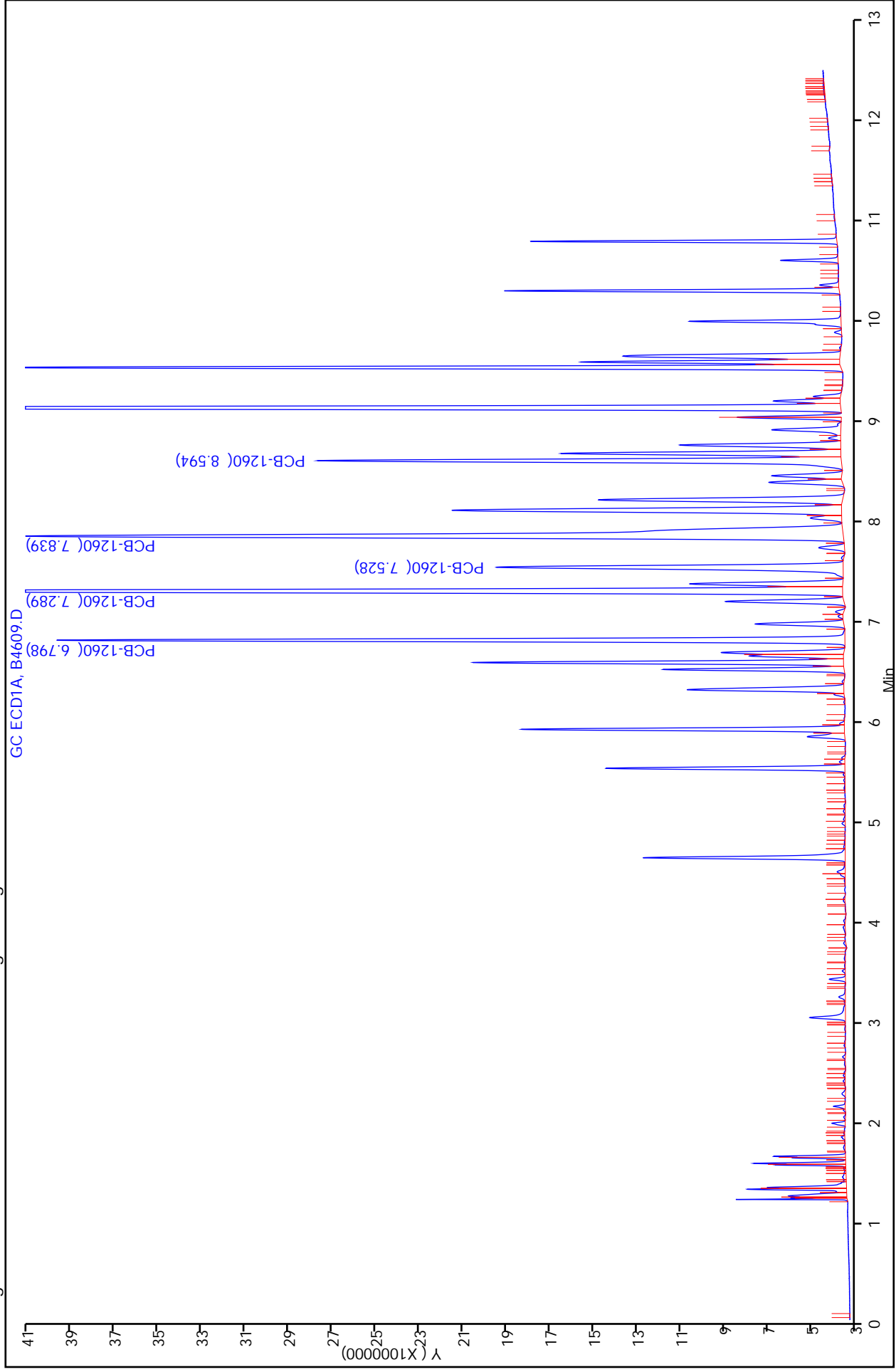
\$ 2 DCB Decachlorobiphenyl

1	1	10.786							
2	2	11.640							

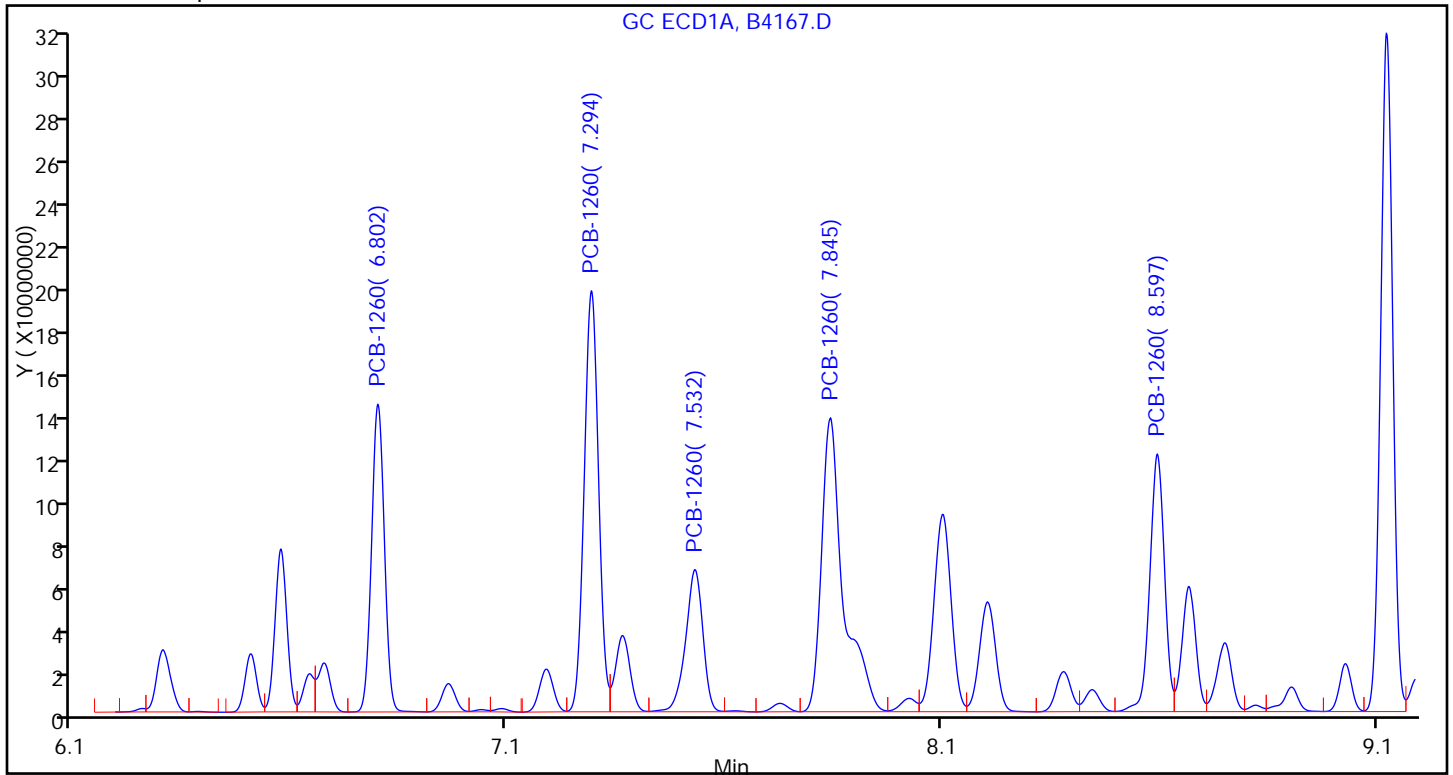


Report Date: 17-Apr-2011 09:42:09 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4609.D  
Injection Date: 15-Apr-2011 18:21:25 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 10B Instrument ID: SGCA  
Lims Batch ID: 79013 Lims Sample ID: 26  
Operator ID: Injection Vol: 1.00 ul

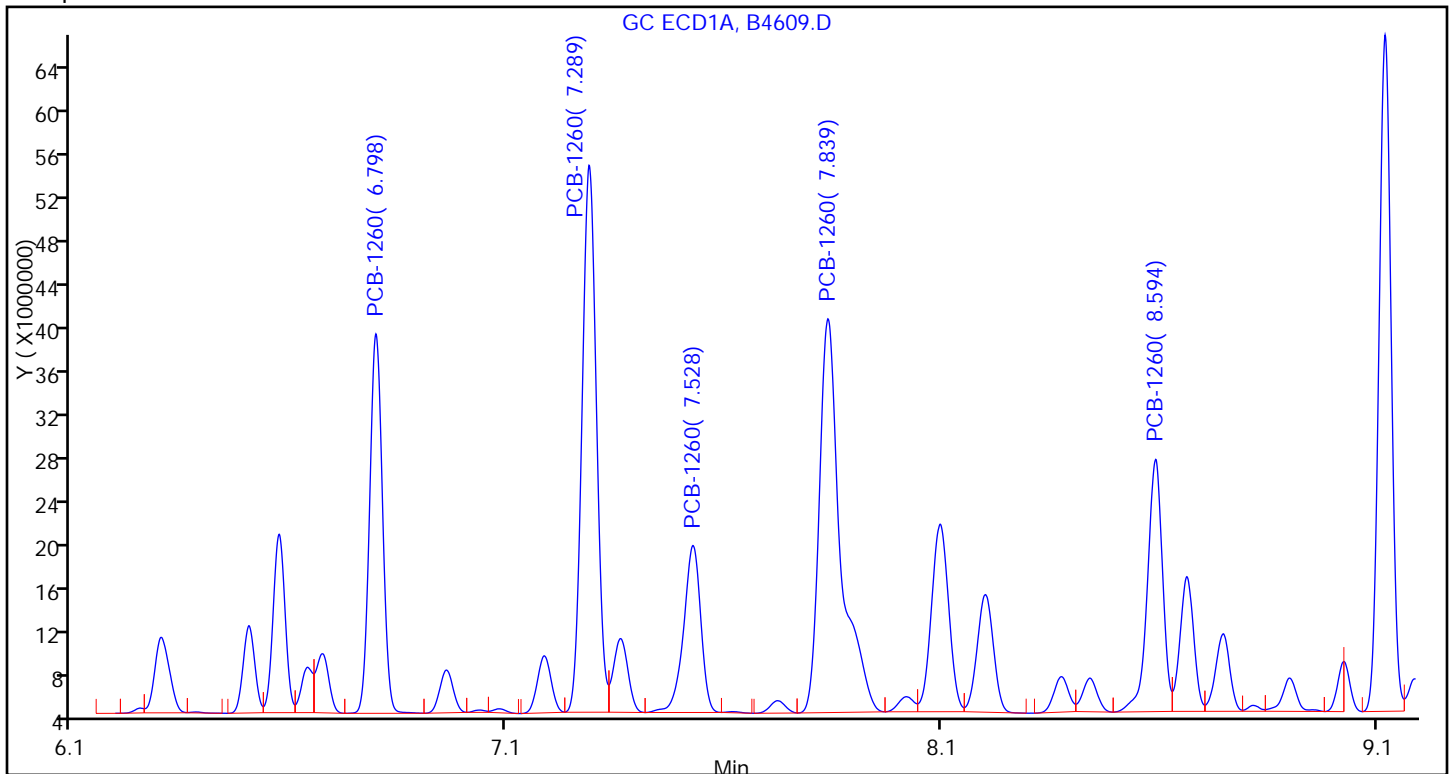
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 11B DL3 Lab Sample ID: 510-64148-14 DL3  
 Matrix: Solid Lab File ID: B4643.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 13:15  
 Extraction Method: 3541 Date Extracted: 04/14/2011 10:37  
 Sample wt/vol: 15.28(g) Date Analyzed: 04/18/2011 15:18  
 Con. Extract Vol.: 5(mL) Dilution Factor: 2000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 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	12
11141-16-5	PCB-1232	<41		41	9.9
53469-21-9	PCB-1242	<41		41	7.7
12672-29-6	PCB-1248	<41		41	7.0
11097-69-1	PCB-1254	<41		41	6.5
11096-82-5	PCB-1260	980		41	3.3

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\20110418-4733.b\B4643.D  
 Lims ID: 510-64148-A-14-A Client ID: 11B  
 Inject. Date: 18-Apr-2011 15:18:52 Dil. Factor: 2000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-14-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 17  
 Lims Batch ID: 79092 Lims Sample ID: 18  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 14:50:38 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 15:44:42

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.395						
1	4		4.965						
1	5		5.517						
2	6		3.744						
2	7		4.322						
2	8		5.210						
2	9		5.644						
2	10		5.937						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

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	6.801	6.799	0.002	138436684	1405.3		100.0	
1	2	7.293	7.289	0.004	227507329	1517.1	121.7- 181.7	164.3	
1	3	7.532	7.528	0.004	86535421	1446.4	30.7- 90.7	62.5	
1	4	7.843	7.839	0.004	249692601	1593.6	128.0- 188.0	180.4	
1	5	8.596	8.593	0.003	117714803	1259.3	64.6- 124.6	85.0	
Average of Peak Amounts =						1444.3			
2	6	7.906	7.905	0.001	30939553	1130.7		100.0	
2	7	8.271	8.270	0.001	70177861	1291.0	175.0- 235.0	226.8	
2	8	8.697	8.695	0.002	91496079	1406.8	212.3- 272.3	295.7	
2	9	9.415	9.414	0.001	49727991	1042.4	147.4- 207.4	160.7	
2	10	9.807	9.805	0.002	62980960	1213.7	163.3- 223.3	203.6	
Average of Peak Amounts =						1216.9			

RPD = 17.09

\$ 3 Dibutylchloroendate

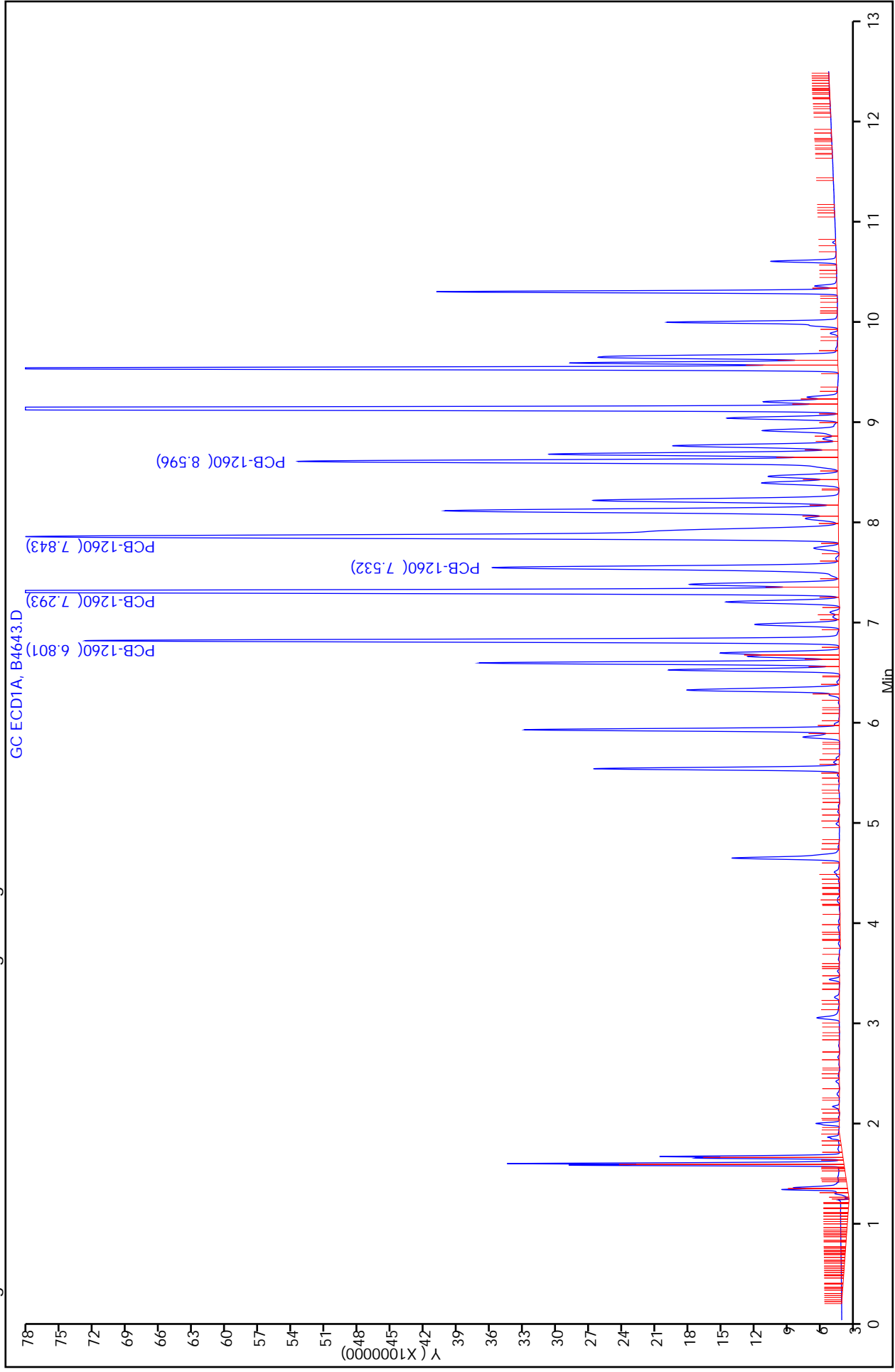
1	1	9.590							
2	2	10.317							

\$ 2 DCB Decachlorobiphenyl

1	1	10.785							
2	2	11.639							

Report Date: 18-Apr-2011 15:44:42 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsrv08\ChromData\SGCA\20110418-4733.b\B4643.D  
Injection Date: 18-Apr-2011 15:18:52 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 11B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 18  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 18-Apr-2011 15:44:42

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4643.D

Injection Date: 18-Apr-2011 15:18:52

Limit Group: SGC - 1 - 8082 CAL

Client ID: 11B

Instrument ID: SGCA

Lims Batch ID: 79092

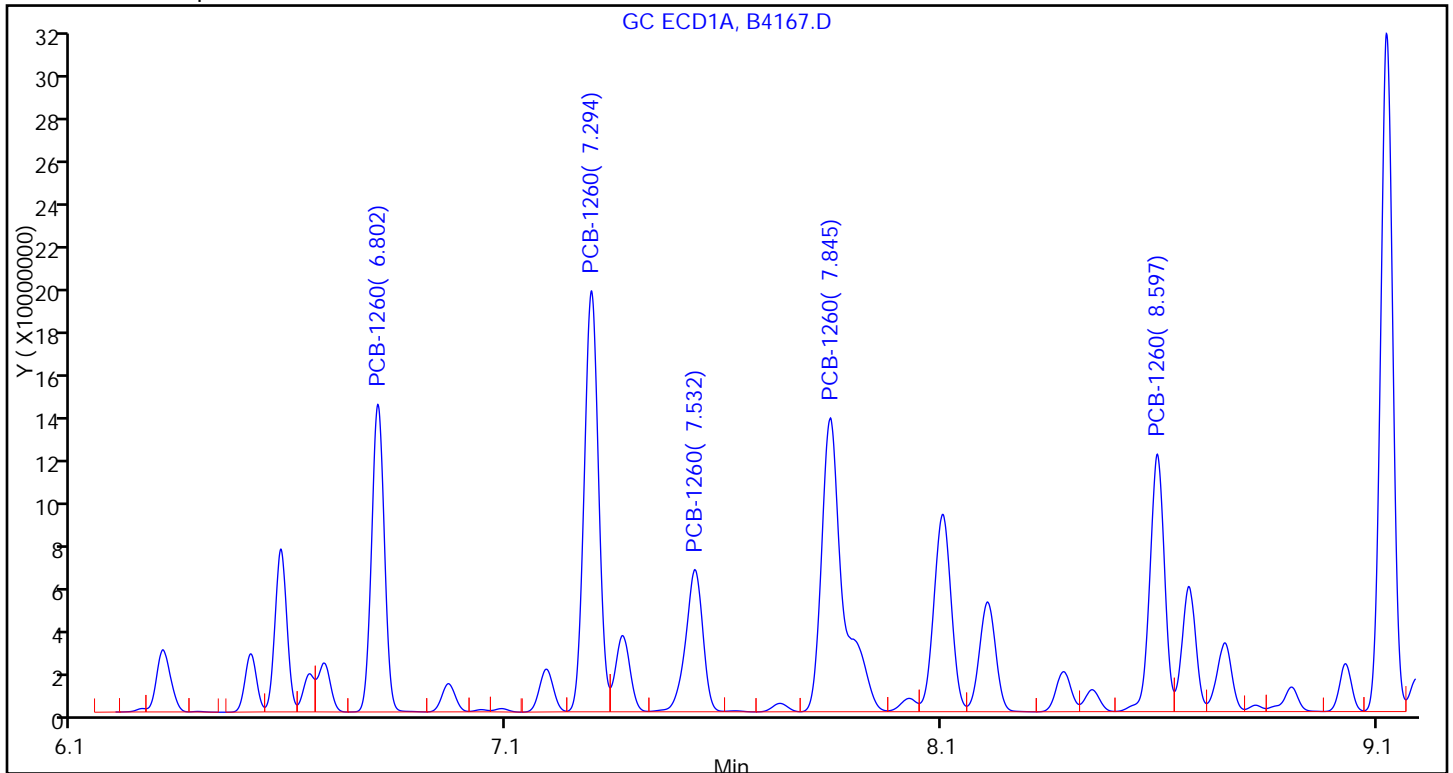
Lims Sample ID: 18

Operator ID:

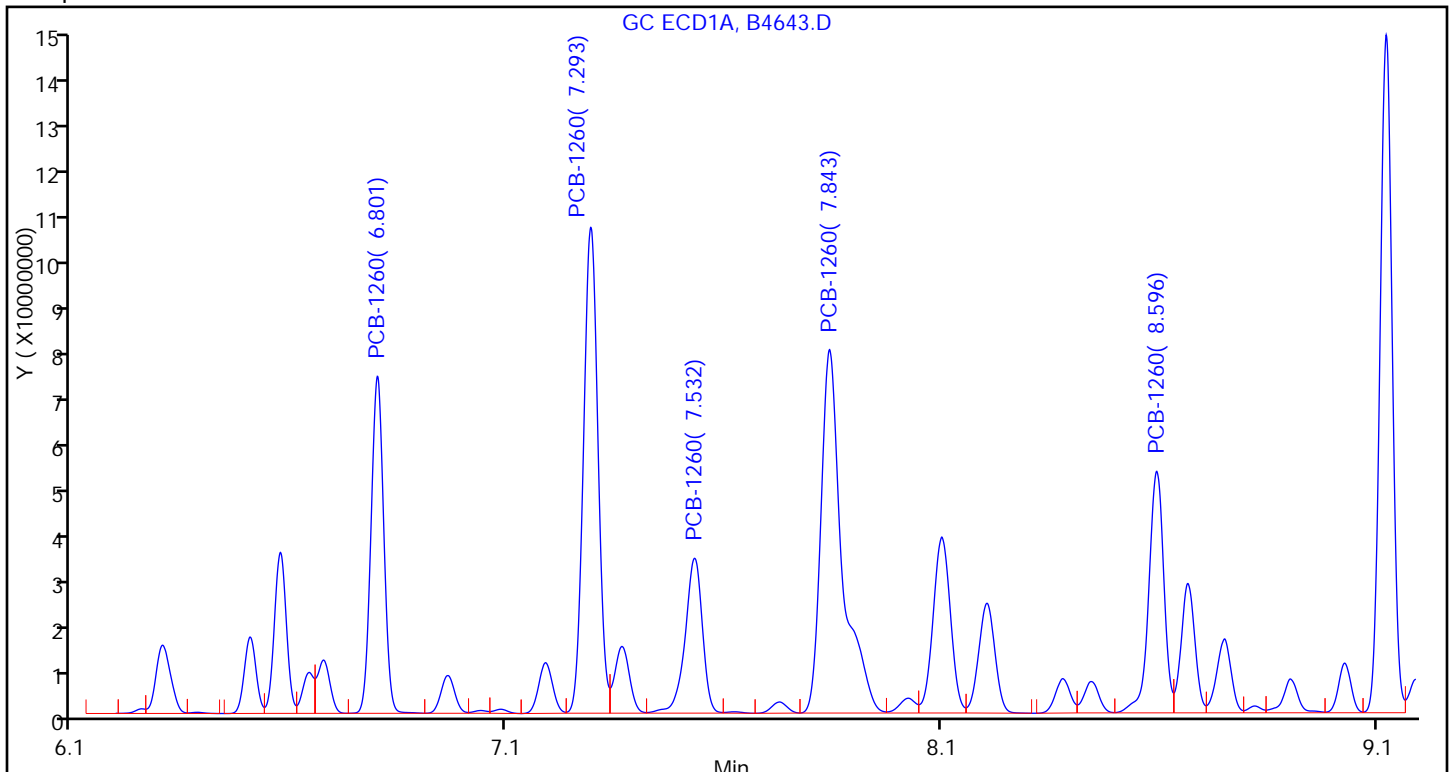
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 12B DL2 Lab Sample ID: 510-64148-15 DL2  
 Matrix: Solid Lab File ID: B4639.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 13:30  
 Extraction Method: 3541 Date Extracted: 04/14/2011 10:37  
 Sample wt/vol: 15.24(g) Date Analyzed: 04/18/2011 13:35  
 Con. Extract Vol.: 5(mL) Dilution Factor: 500  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 6.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 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	3.2
11141-16-5	PCB-1232	<10		10	2.5
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	170		10	0.85

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\20110418-4733.b\B4639.D  
 Lims ID: 510-64148-A-15-A Client ID: 12B  
 Inject. Date: 18-Apr-2011 13:35:29 Dil. Factor: 500.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-15-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 13  
 Lims Batch ID: 79092 Lims Sample ID: 14  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 14:18:28 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 14:48:34

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4639.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.395						
1	4		4.965						
1	5		5.517						
2	6		3.744						
2	7		4.322						
2	8		5.210						
2	9		5.644						
2	10		5.937						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

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

11 PCB-1260

1	1	6.798	6.799	-0.001	94293513	944.8		100.0	
1	2	7.288	7.289	-0.001	154271707	1017.3	121.7- 181.7	163.6	
1	3	7.528	7.528	0.000	58072084	969.2	30.7- 90.7	61.6	
1	4	7.838	7.839	-0.001	169035059	1069.6	128.0- 188.0	179.3	
1	5	8.592	8.593	-0.001	80535179	854.7	64.6- 124.6	85.4	
Average of Peak Amounts =						971.1			
2	6	7.903	7.905	-0.002	23087964	833.2		100.0	
2	7	8.268	8.270	-0.002	50721915	920.4	175.0- 235.0	219.7	
2	8	8.693	8.695	-0.002	64383949	972.4	212.3- 272.3	278.9	
2	9	9.414	9.414	0.000	36624192	759.5	147.4- 207.4	158.6	
2	10	9.806	9.805	0.001	39784947	751.0	163.3- 223.3	172.3	
Average of Peak Amounts =						847.3			

RPD = 13.62

\$ 3 Dibutylchloroendate

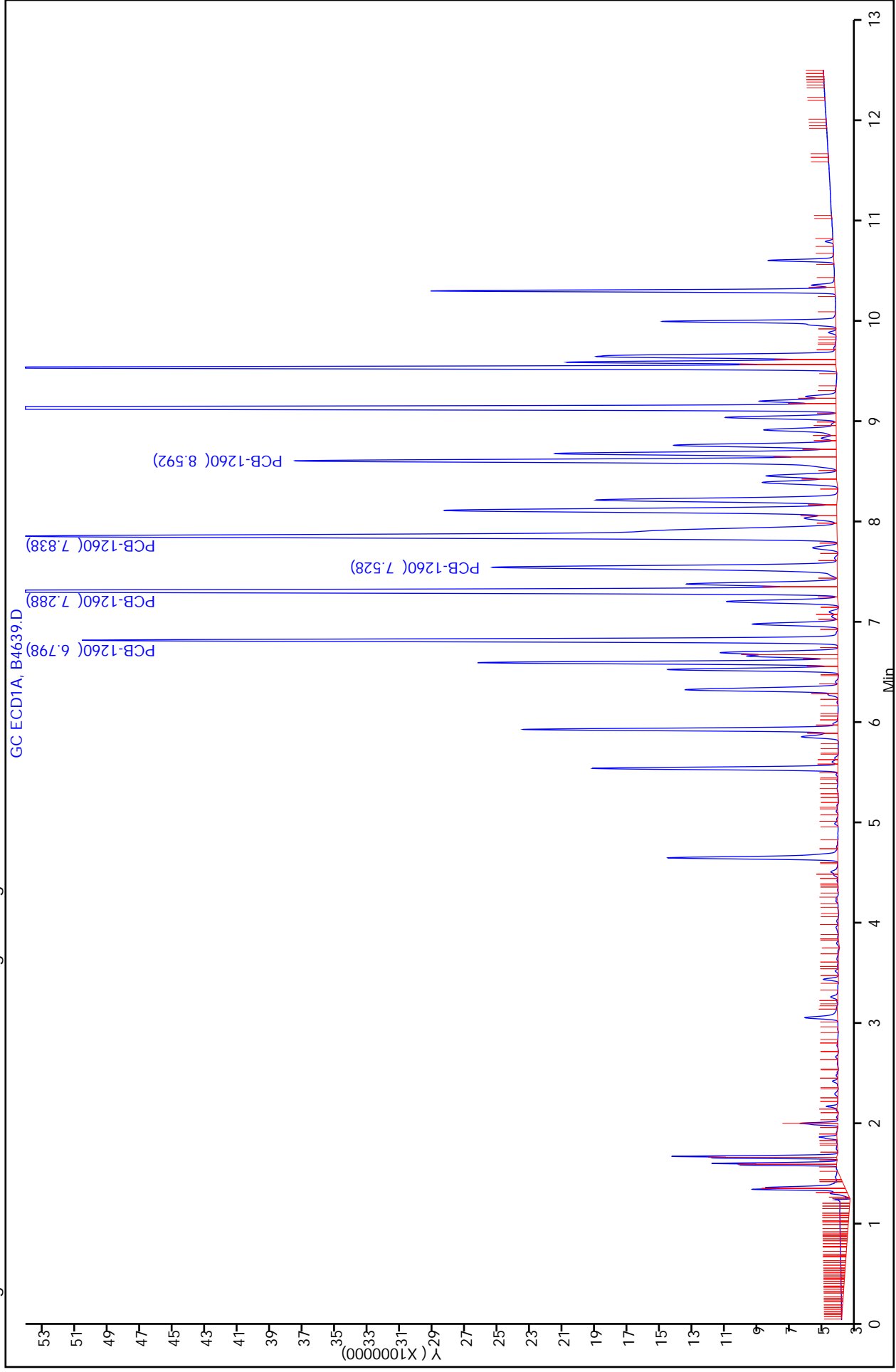
1	1	9.590
2	2	10.317

\$ 2 DCB Decachlorobiphenyl

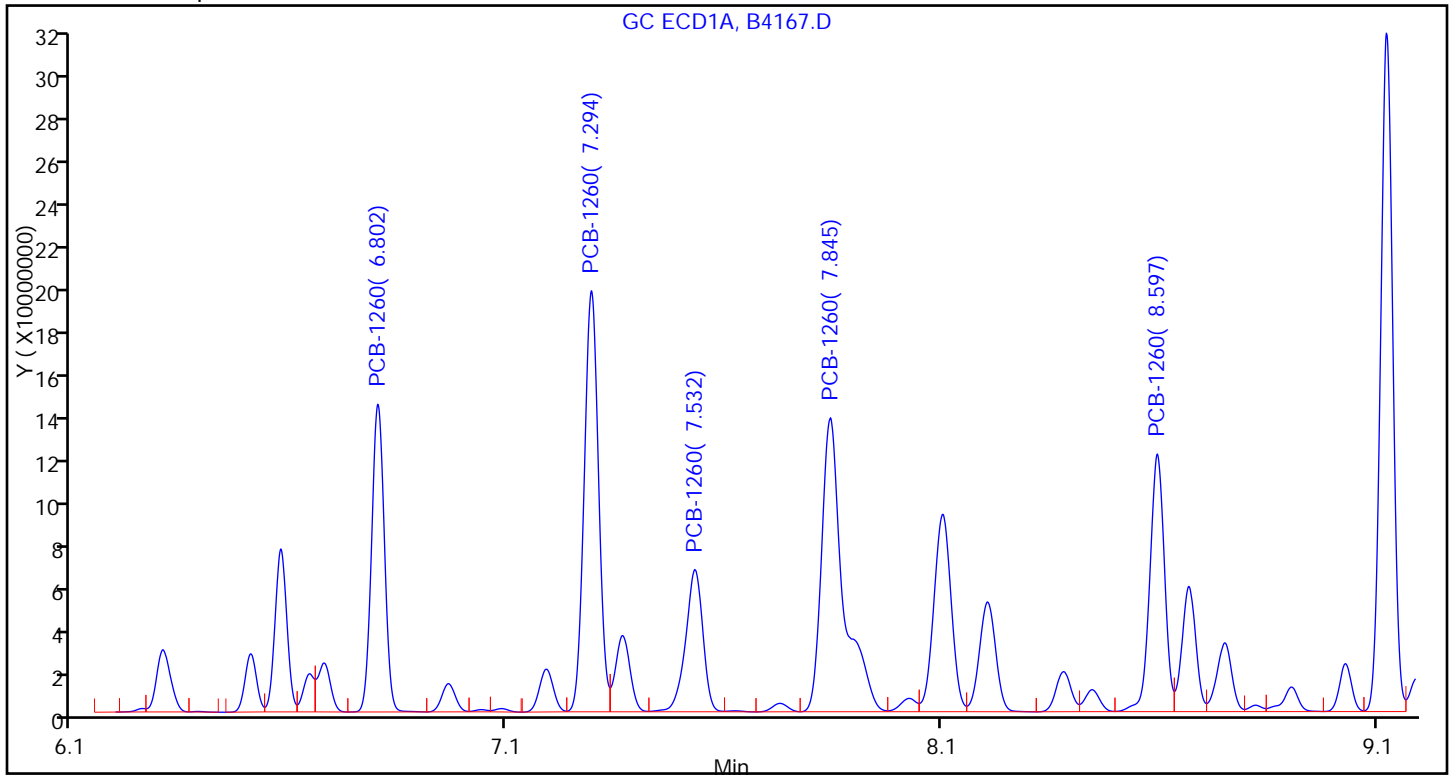
1	1	10.785
2	2	11.639

Report Date: 18-Apr-2011 14:48:34 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4639.D  
Injection Date: 18-Apr-2011 13:35:29 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 12B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 14  
Operator ID: Injection Vol: 1.00 ul

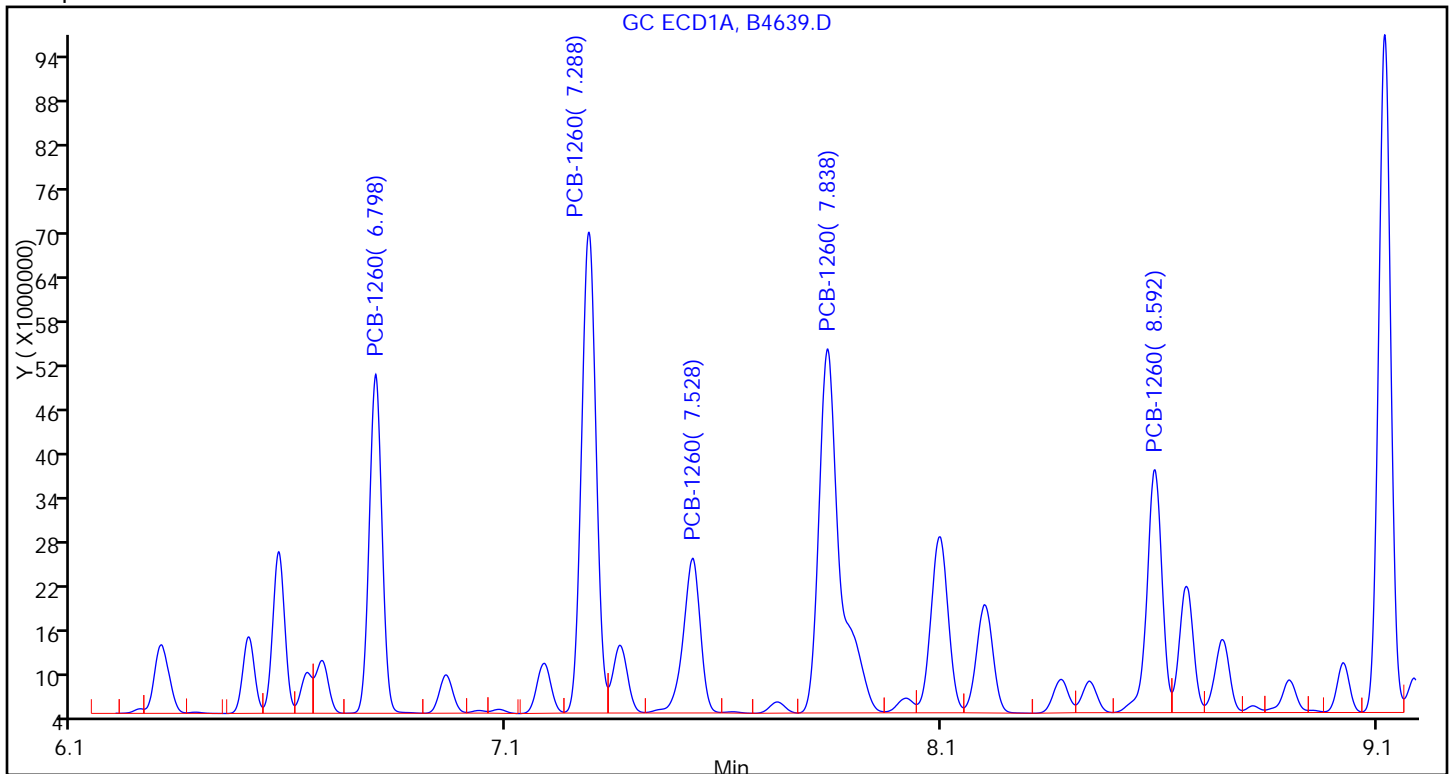
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 13B DL3 Lab Sample ID: 510-64148-16 DL3  
 Matrix: Solid Lab File ID: B4644.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 13:45  
 Extraction Method: 3541 Date Extracted: 04/14/2011 10:37  
 Sample wt/vol: 15.11(g) Date Analyzed: 04/18/2011 15:33  
 Con. Extract Vol.: 5(mL) Dilution Factor: 5000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79092 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<100		100	12
11104-28-2	PCB-1221	<100		100	31
11141-16-5	PCB-1232	<100		100	25
53469-21-9	PCB-1242	<100		100	20
12672-29-6	PCB-1248	<100		100	18
11097-69-1	PCB-1254	<100		100	17
11096-82-5	PCB-1260	2500		100	8.4

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\20110418-4733.b\B4644.D  
 Lims ID: 510-64148-A-16-A Client ID: 13B  
 Inject. Date: 18-Apr-2011 15:33:55 Dil. Factor: 5000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-16-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 18  
 Lims Batch ID: 79092 Lims Sample ID: 19  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 14:50:38 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 16:07:04

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937



Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4644.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.609						
1	3		4.395						
1	4		4.965						
1	5		5.517						
2	6		3.744						
2	7		4.322						
2	8		5.210						
2	9		5.644						
2	10		5.937						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.482						
1	4		5.146						
1	5		5.623						
2	6		3.745						
2	7		4.323						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.217						
1	3		5.087						
1	4		5.622						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.939						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.621						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.343						
2	10		9.287						

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

11 PCB-1260

1	1	6.800	6.799	0.001	138059925	1401.3		100.0	
1	2	7.291	7.289	0.002	226835777	1512.5	121.7- 181.7	164.3	
1	3	7.530	7.528	0.002	85881260	1435.5	30.7- 90.7	62.2	
1	4	7.840	7.839	0.001	248979289	1588.9	128.0- 188.0	180.3	
1	5	8.595	8.593	0.002	116951763	1250.9	64.6- 124.6	84.7	
Average of Peak Amounts =						1437.8			
2	6	7.907	7.905	0.002	33708004	1237.0		100.0	
2	7	8.270	8.270	0.000	73692049	1358.7	175.0- 235.0	218.6	
2	8	8.696	8.695	0.001	93703916	1442.8	212.3- 272.3	278.0	
2	9	9.415	9.414	0.001	53025214	1114.3	147.4- 207.4	157.3	
2	10	9.807	9.805	0.002	56577475	1084.4	163.3- 223.3	167.8	
Average of Peak Amounts =						1247.4			

RPD = 14.18

\$ 3 Dibutylchloroendate

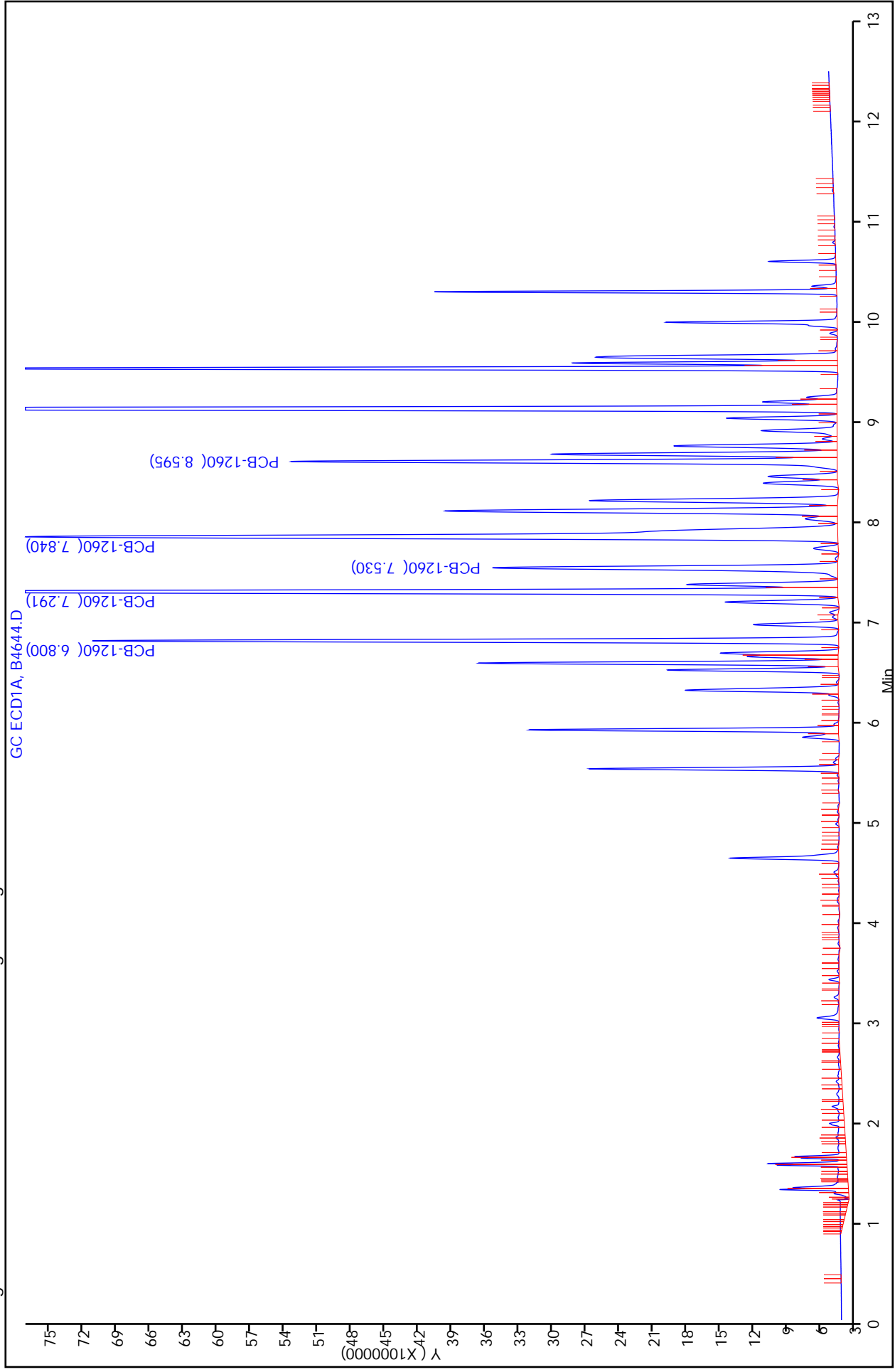
1	1	9.590
2	2	10.317

\$ 2 DCB Decachlorobiphenyl

1	1	10.785
2	2	11.639

Report Date: 18-Apr-2011 16:07:04 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsrv08\ChromData\SGCA\20110418-4733.b\B4644.D  
Injection Date: 18-Apr-2011 15:33:55 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 13B Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 19  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 18-Apr-2011 16:07:04

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4644.D

Injection Date: 18-Apr-2011 15:33:55

Limit Group: SGC - 1 - 8082 CAL

Client ID: 13B

Instrument ID: SGCA

Lims Batch ID: 79092

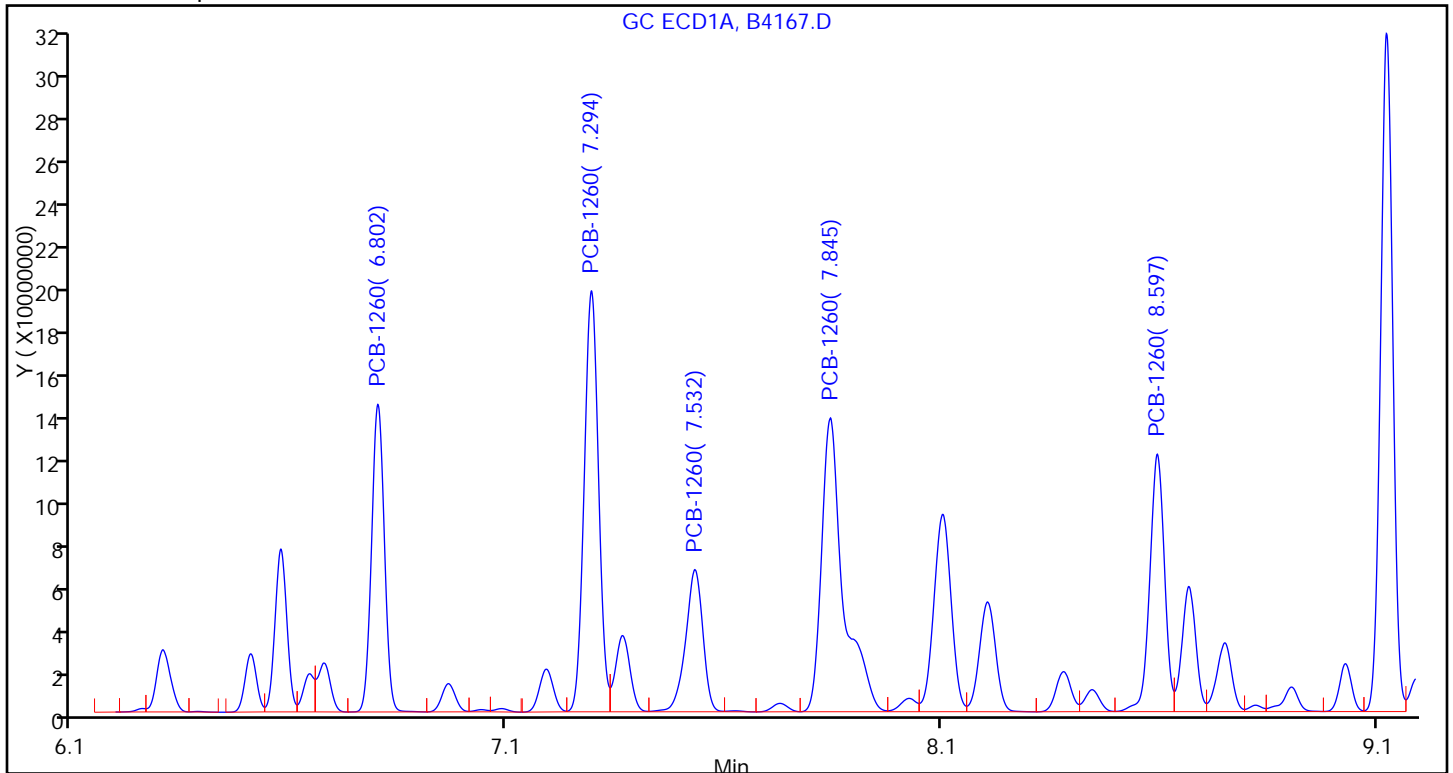
Lims Sample ID: 19

Operator ID:

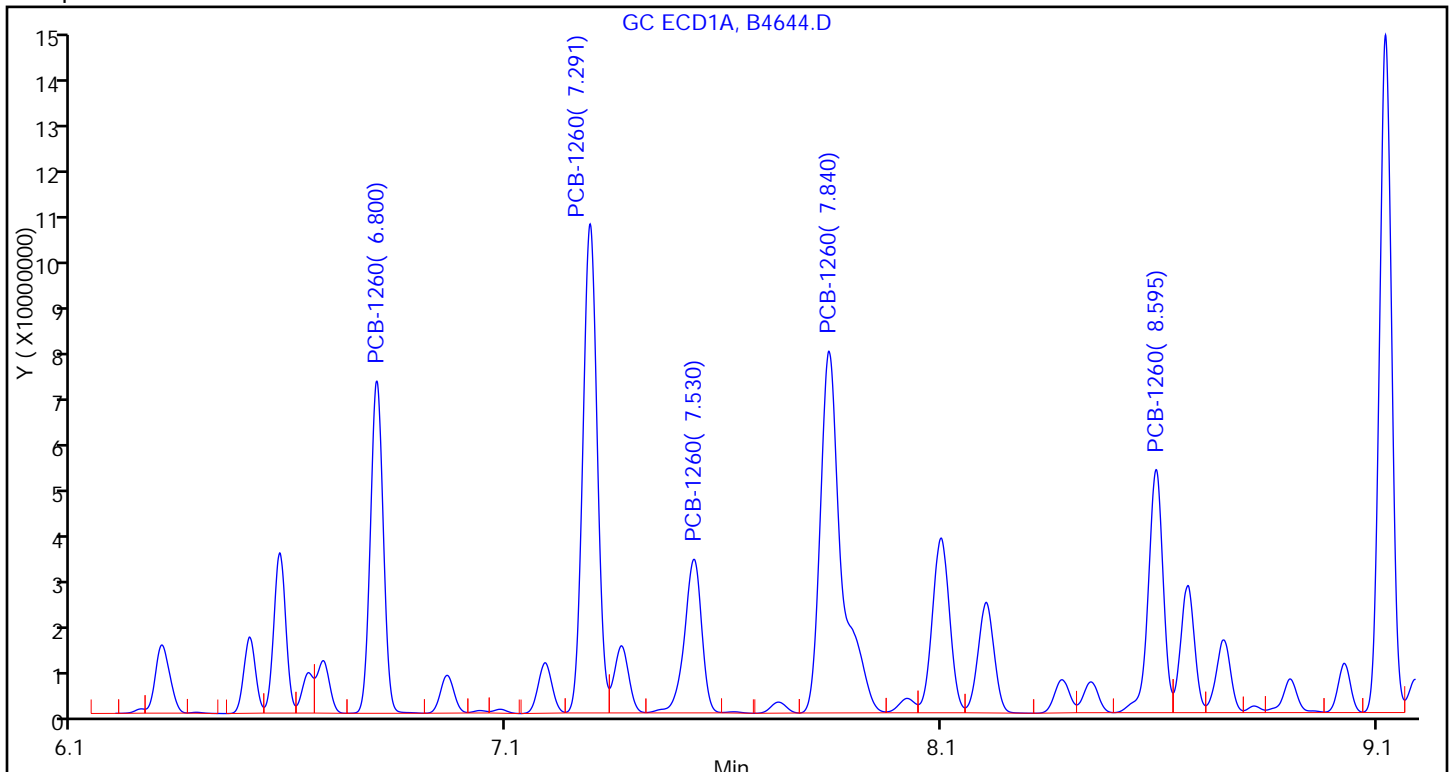
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 14B DL Lab Sample ID: 510-64148-17 DL  
 Matrix: Solid Lab File ID: B4658.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 14:00  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.42 (g) Date Analyzed: 04/19/2011 11:21  
 Con. Extract Vol.: 5 (mL) Dilution Factor: 50  
 Injection Volume: 1 (uL) GC Column: 8082/608 ID: 0.53 (mm)  
 % Moisture: 5.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<1.0		1.0	0.12
11104-28-2	PCB-1221	<1.0		1.0	0.31
11141-16-5	PCB-1232	<1.0		1.0	0.25
53469-21-9	PCB-1242	<1.0		1.0	0.20
12672-29-6	PCB-1248	<1.0		1.0	0.18
11097-69-1	PCB-1254	<1.0		1.0	0.17
11096-82-5	PCB-1260	40		1.0	0.084

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\20110419-4736.b\B4658.D  
 Lims ID: 510-64148-A-17-A Client ID: 14B  
 Inject. Date: 19-Apr-2011 11:21:23 Dil. Factor: 50.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-17-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 6  
 Lims Batch ID: 79155 Lims Sample ID: 7  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 11:35:39

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4658.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
4 PCB-1016									
1	1		3.184						
1	2		3.610						
1	3		4.396						
1	4		4.967						
1	5		5.520						
2	6		3.745						
2	7		4.324						
2	8		5.212						
2	9		5.646						
2	10		5.940						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

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	6.800	6.801	-0.001	216105534	2240.5		100.0	
1	2	7.291	7.293	-0.002	361865988	2458.2	121.7- 181.7	167.4	
1	3	7.530	7.531	-0.001	138126909	2310.8	30.7- 90.7	63.9	
1	4	7.841	7.843	-0.002	397722143	2574.4	128.0- 188.0	184.0	
1	5	8.594	8.595	-0.001	184406588	1994.6	64.6- 124.6	85.3	
Average of Peak Amounts =						2315.7			
2	6	7.906	7.909	-0.003	50836090	1911.6		100.0	
2	7	8.271	8.274	-0.003	111207427	2096.6	175.0- 235.0	218.8	
2	8	8.697	8.699	-0.002	143320747	2276.9	212.3- 272.3	281.9	
2	9	9.416	9.418	-0.002	81748214	1754.3	147.4- 207.4	160.8	
2	10	9.808	9.809	-0.001	86724182	1704.1	163.3- 223.3	170.6	
Average of Peak Amounts =						1948.7			

RPD = 17.21

\$ 3 Dibutylchloroendate

1	1	9.593
2	2	10.320

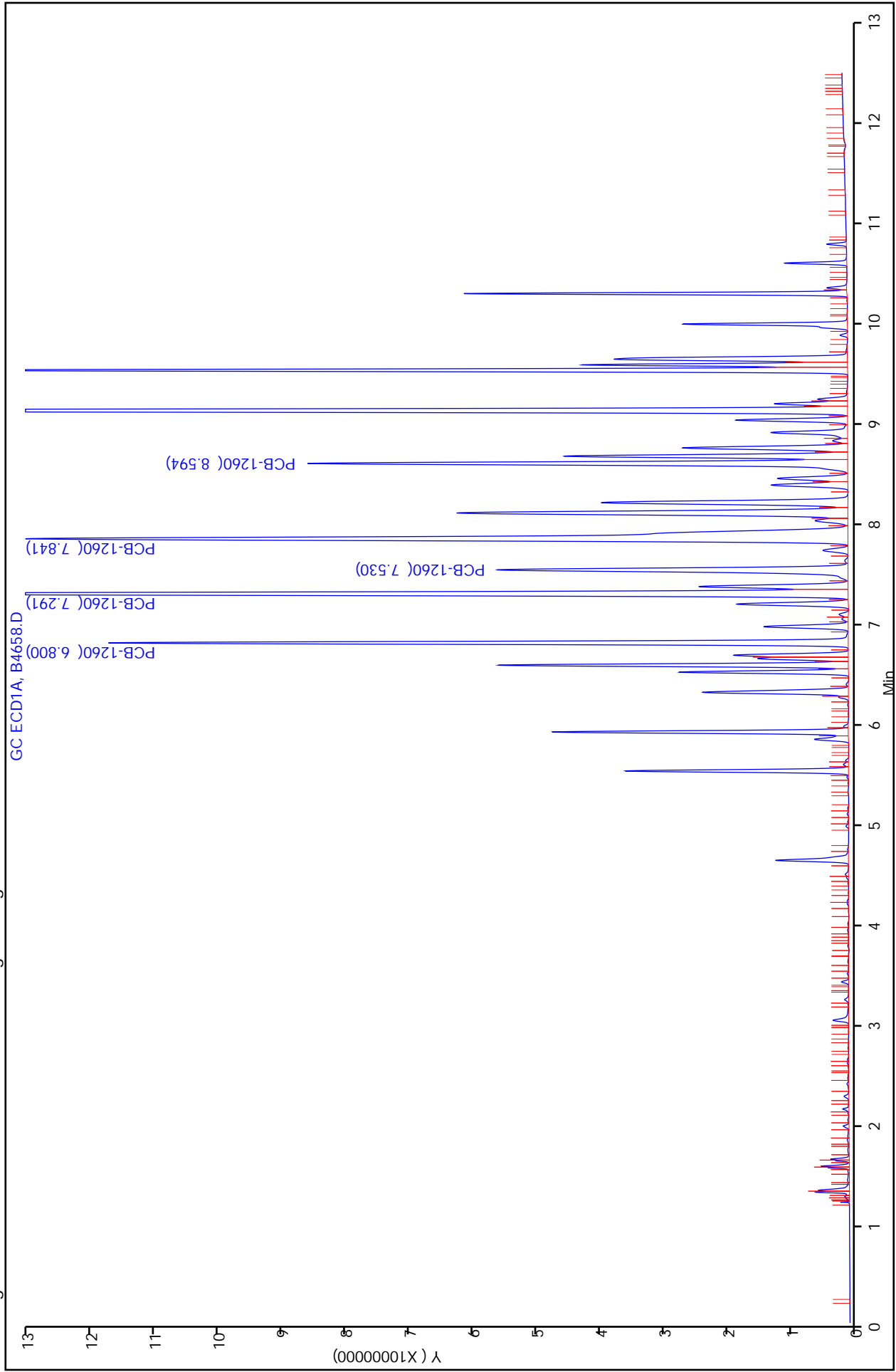
\$ 2 DCB Decachlorobiphenyl

1	1	10.789
2	2	11.643

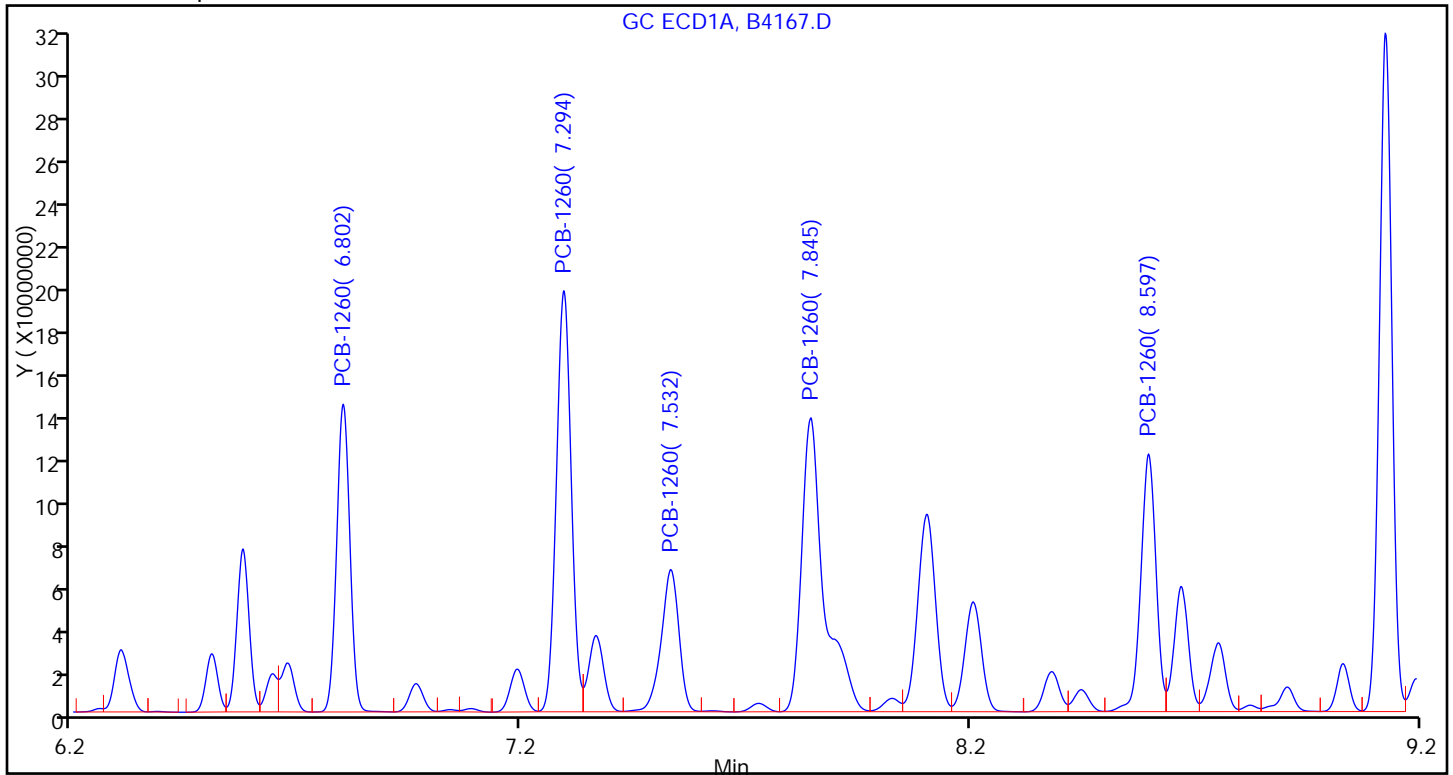


Report Date: 19-Apr-2011 11:35:40 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4658.D  
Injection Date: 19-Apr-2011 11:21:23 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 14B Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 7  
Operator ID: Injection Vol: 1.00 ul

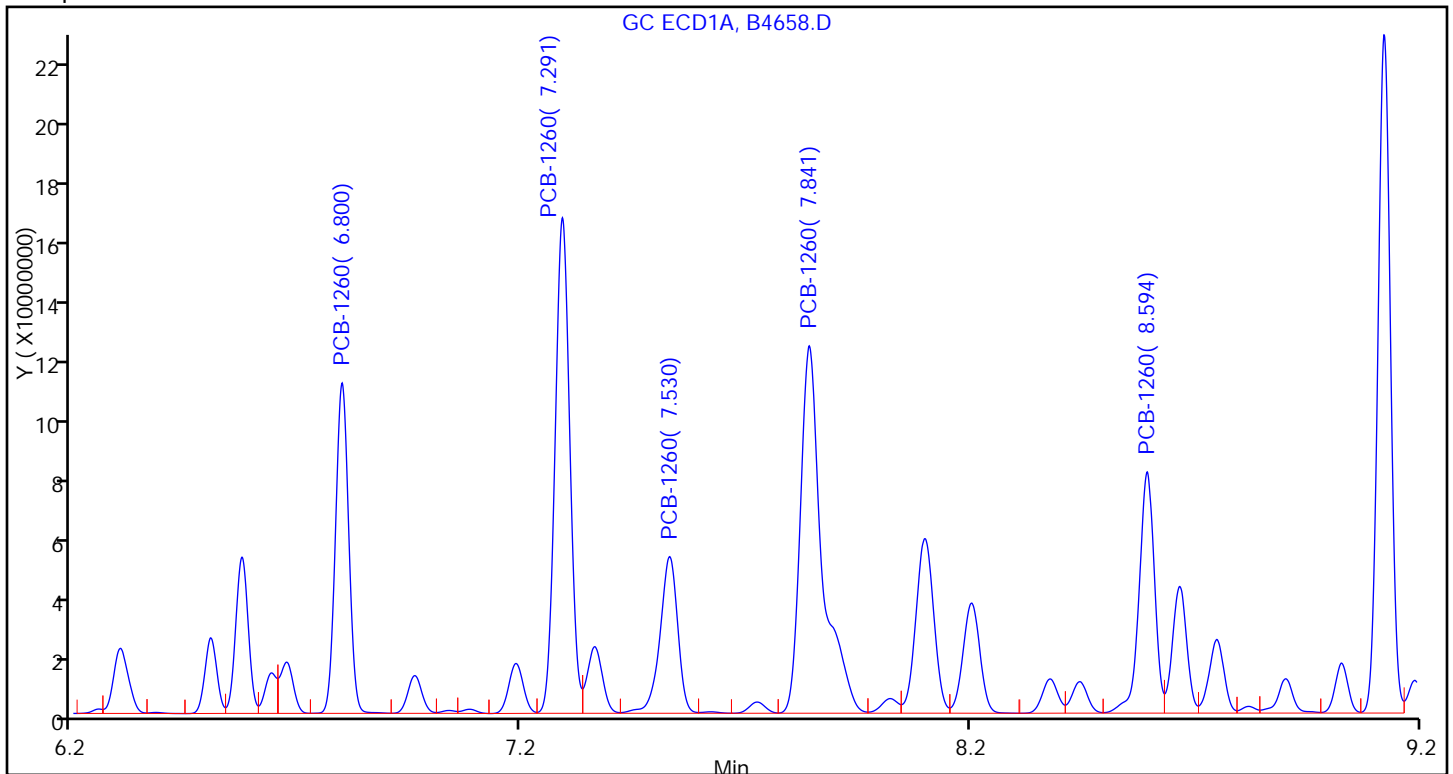
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 15B DL Lab Sample ID: 510-64148-18 DL  
 Matrix: Solid Lab File ID: B4661.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 14:15  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.24(g) Date Analyzed: 04/19/2011 12:06  
 Con. Extract Vol.: 5(mL) Dilution Factor: 20  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 6.2 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.42		0.42	0.048
11104-28-2	PCB-1221	<0.42		0.42	0.13
11141-16-5	PCB-1232	<0.42		0.42	0.10
53469-21-9	PCB-1242	<0.42		0.42	0.080
12672-29-6	PCB-1248	<0.42		0.42	0.072
11097-69-1	PCB-1254	<0.42		0.42	0.068
11096-82-5	PCB-1260	8.5		0.42	0.034

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\20110419-4736.b\B4661.D  
 Lims ID: 510-64148-A-18-A Client ID: 15B  
 Inject. Date: 19-Apr-2011 12:06:30 Dil. Factor: 20.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-18-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 9  
 Lims Batch ID: 79155 Lims Sample ID: 10  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 12:42:28

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4661.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
4 PCB-1016									
1	1		3.184						
1	2		3.610						
1	3		4.396						
1	4		4.967						
1	5		5.520						
2	6		3.745						
2	7		4.324						
2	8		5.212						
2	9		5.646						
2	10		5.940						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.801	6.801	0.000	116425923	1174.4		100.0		
1	2	7.292	7.293	-0.001	194861460	1293.2	121.7- 181.7	167.4		
1	3	7.532	7.531	0.001	73322057	1224.9	30.7- 90.7	63.0		
1	4	7.842	7.843	-0.001	214010066	1360.9	128.0- 188.0	183.8		
1	5	8.596	8.595	0.001	98138009	1045.8	64.6- 124.6	84.3		
		Average of Peak Amounts =				1219.9				
2	6	7.908	7.909	-0.001	27492446	999.4		100.0		
2	7	8.272	8.274	-0.002	60318210	1102.3	175.0- 235.0	219.4		
2	8	8.698	8.699	-0.001	78446449	1196.1	212.3- 272.3	285.3		
2	9	9.418	9.418	0.000	43747905	912.7	147.4- 207.4	159.1		
2	10	9.808	9.809	-0.001	46409276	881.6	163.3- 223.3	168.8		
		Average of Peak Amounts =				1018.4				
						RPD = 18.00				

\$ 3 Dibutylchloroendate

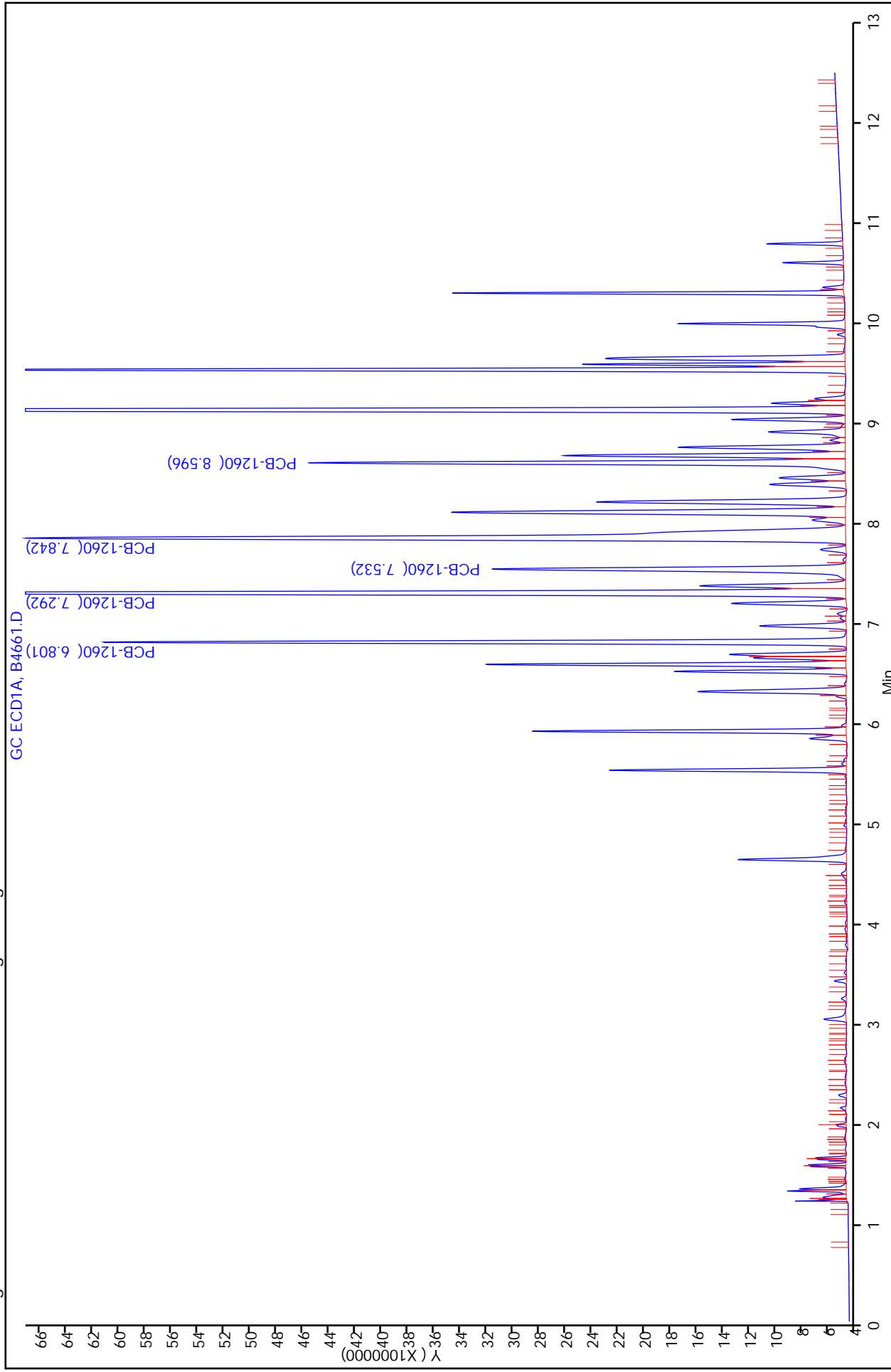
1	1	9.593
2	2	10.320

\$ 2 DCB Decachlorobiphenyl

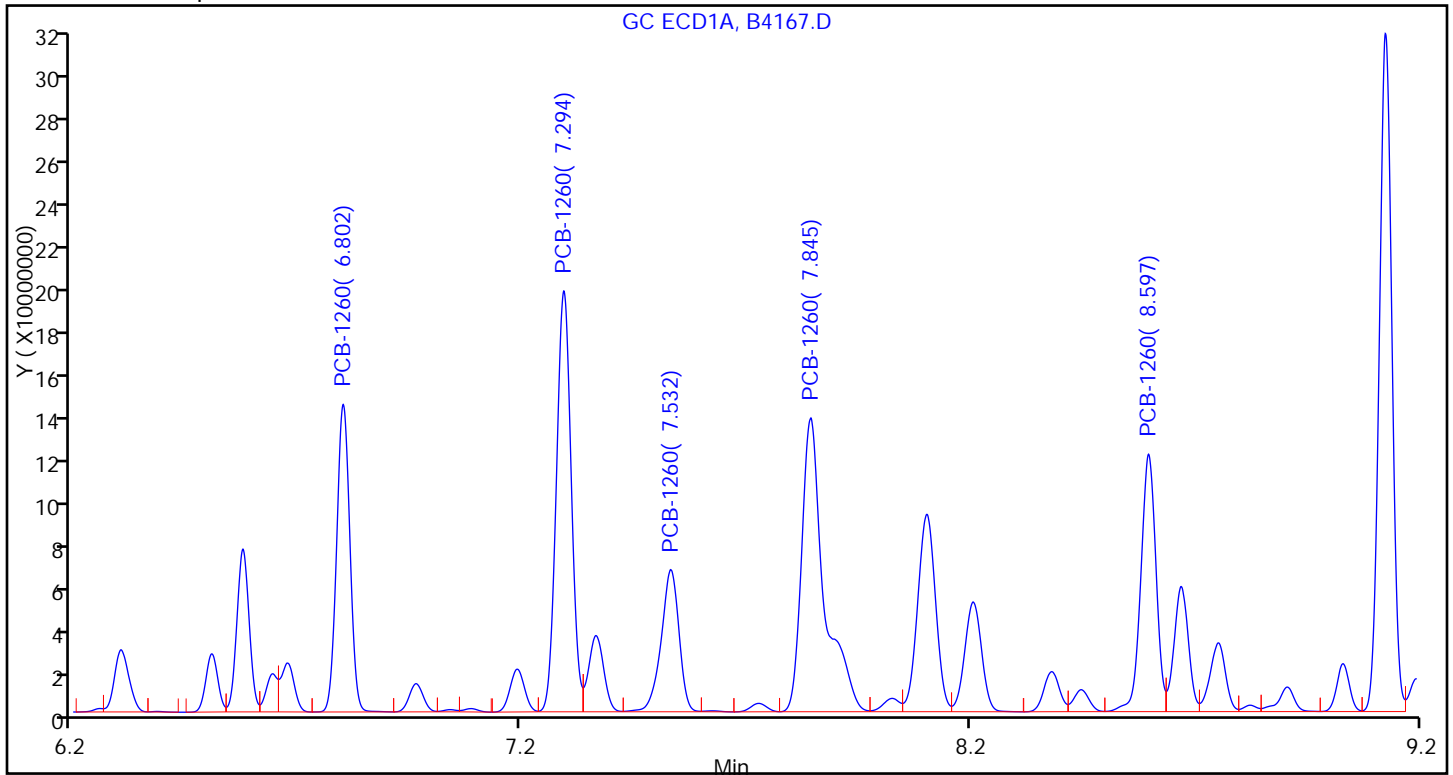
1	1	10.789
2	2	11.643

Report Date: 19-Apr-2011 12:42:28 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4661.D  
Injection Date: 19-Apr-2011 12:06:30 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 15B Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 10  
Operator ID: Injection Vol: 1.00 ul

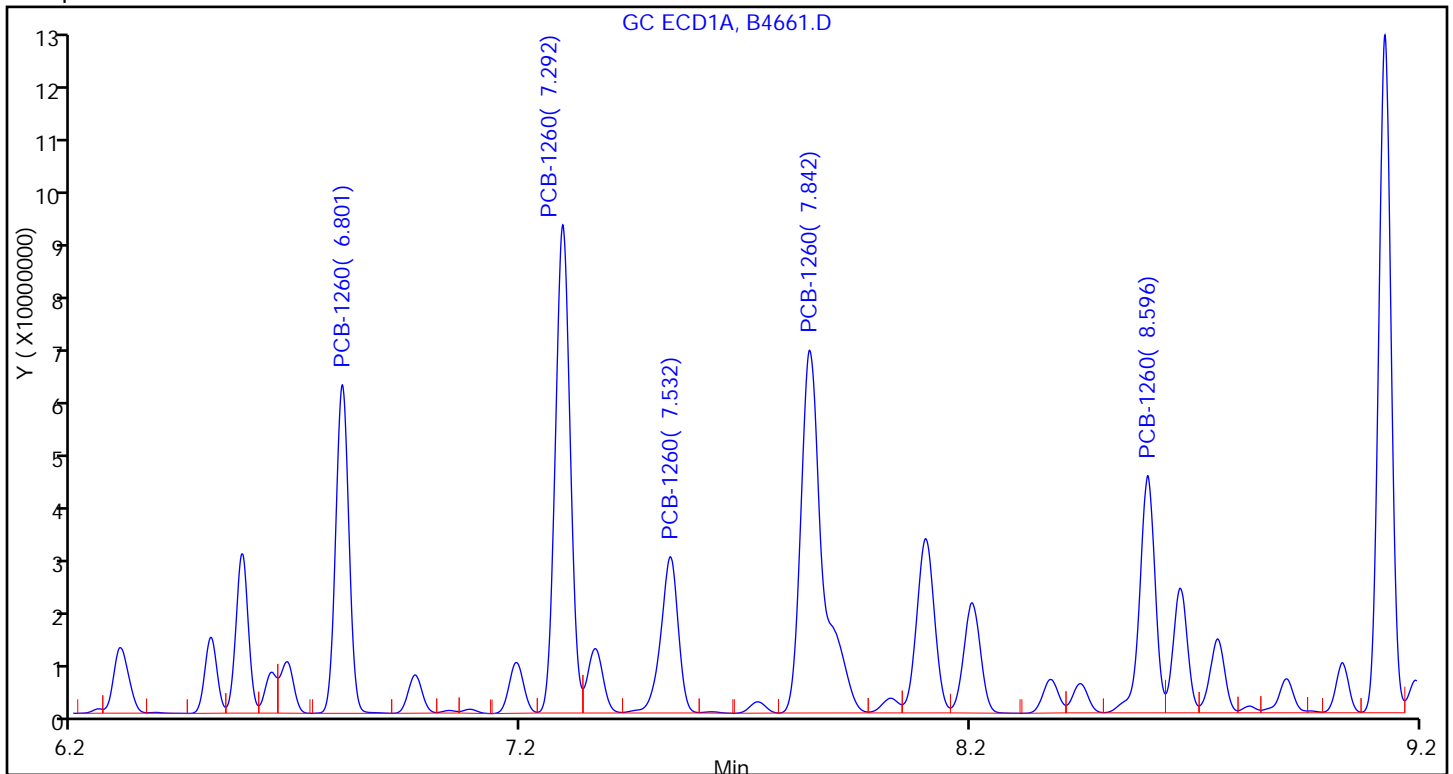
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 16B DL Lab Sample ID: 510-64148-19 DL  
 Matrix: Solid Lab File ID: B4662.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 14:30  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.40(g) Date Analyzed: 04/19/2011 12:21  
 Con. Extract Vol.: 5(mL) Dilution Factor: 1000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<20		20	2.3
11104-28-2	PCB-1221	<20		20	6.1
11141-16-5	PCB-1232	<20		20	5.0
53469-21-9	PCB-1242	<20		20	3.9
12672-29-6	PCB-1248	<20		20	3.5
11097-69-1	PCB-1254	<20		20	3.3
11096-82-5	PCB-1260	440		20	1.7

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\20110419-4736.b\B4662.D  
 Lims ID: 510-64148-A-19-A Client ID: 16B  
 Inject. Date: 19-Apr-2011 12:21:32 Dil. Factor: 1000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-19-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 10  
 Lims Batch ID: 79155 Lims Sample ID: 11  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 12:43:19

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4662.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
4 PCB-1016									
1	1		3.184						
1	2		3.610						
1	3		4.396						
1	4		4.967						
1	5		5.520						
2	6		3.745						
2	7		4.324						
2	8		5.212						
2	9		5.646						
2	10		5.940						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

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

11 PCB-1260

1	1	6.801	6.801	0.000	123041869	1243.6		100.0	
1	2	7.291	7.293	-0.002	206736132	1374.5	121.7- 181.7	168.0	
1	3	7.531	7.531	0.000	77030657	1287.1	30.7- 90.7	62.6	
1	4	7.841	7.843	-0.002	229737951	1463.3	128.0- 188.0	186.7	
1	5	8.595	8.595	0.000	101610926	1083.6	64.6- 124.6	82.6	
Average of Peak Amounts =						1290.4			
2	6	7.907	7.909	-0.002	27317047	992.7		100.0	
2	7	8.271	8.274	-0.003	61914434	1132.8	175.0- 235.0	226.7	
2	8	8.697	8.699	-0.002	81457869	1244.4	212.3- 272.3	298.2	
2	9	9.416	9.418	-0.002	41855059	871.9	147.4- 207.4	153.2	
2	10	9.807	9.809	-0.002	45217891	858.0	163.3- 223.3	165.5	
Average of Peak Amounts =						1020.0			

RPD = 23.41

\$ 3 Dibutylchloroendate

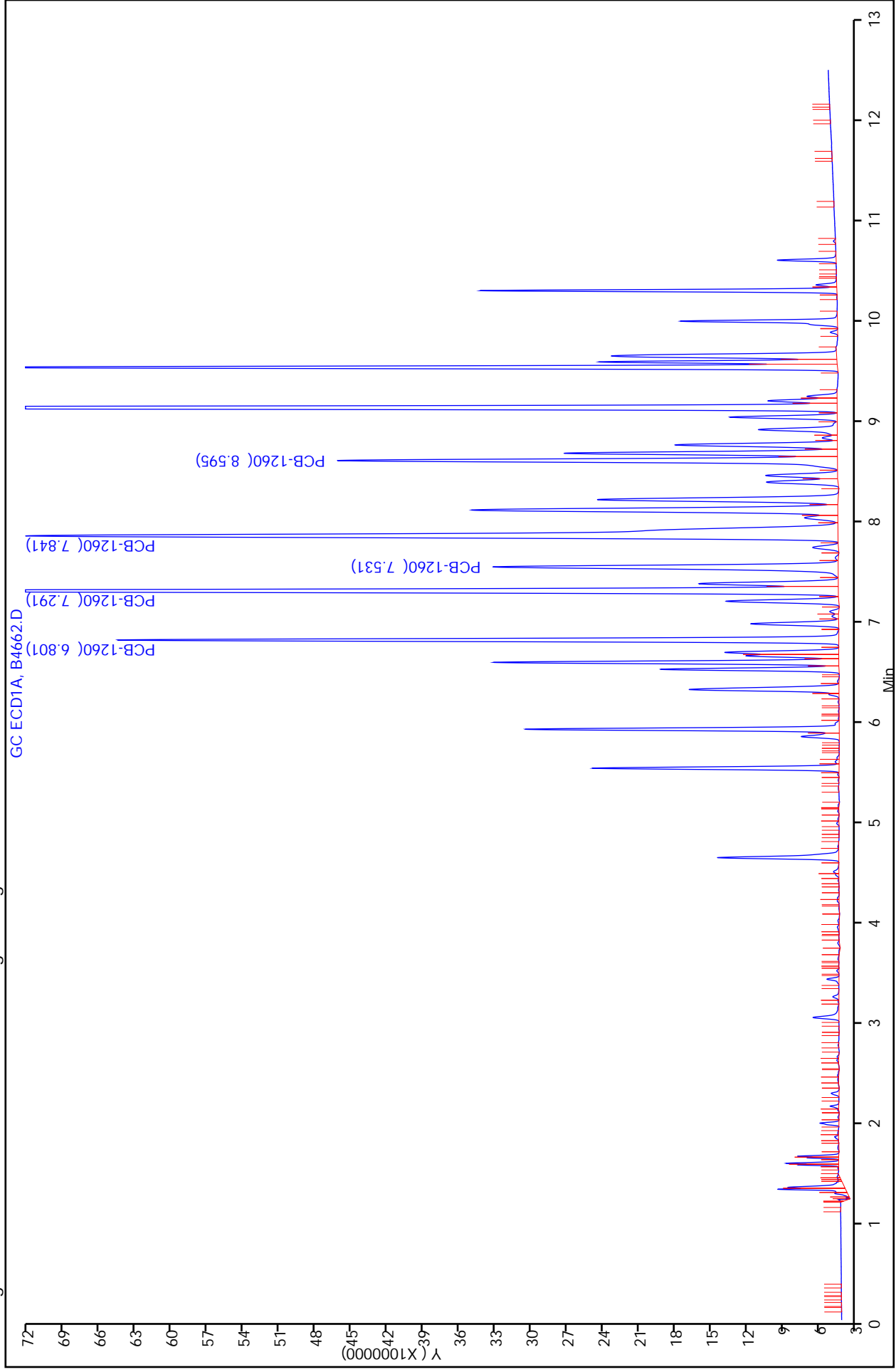
1	1	9.593
2	2	10.320

\$ 2 DCB Decachlorobiphenyl

1	1	10.789
2	2	11.643

Report Date: 19-Apr-2011 12:43:19 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4662.D  
Injection Date: 19-Apr-2011 12:21:32 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 16B Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 11  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 19-Apr-2011 12:43:20

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4662.D

Injection Date: 19-Apr-2011 12:21:32

Limit Group: SGC - 1 - 8082 CAL

Client ID: 16B

Instrument ID: SGCA

Lims Batch ID: 79155

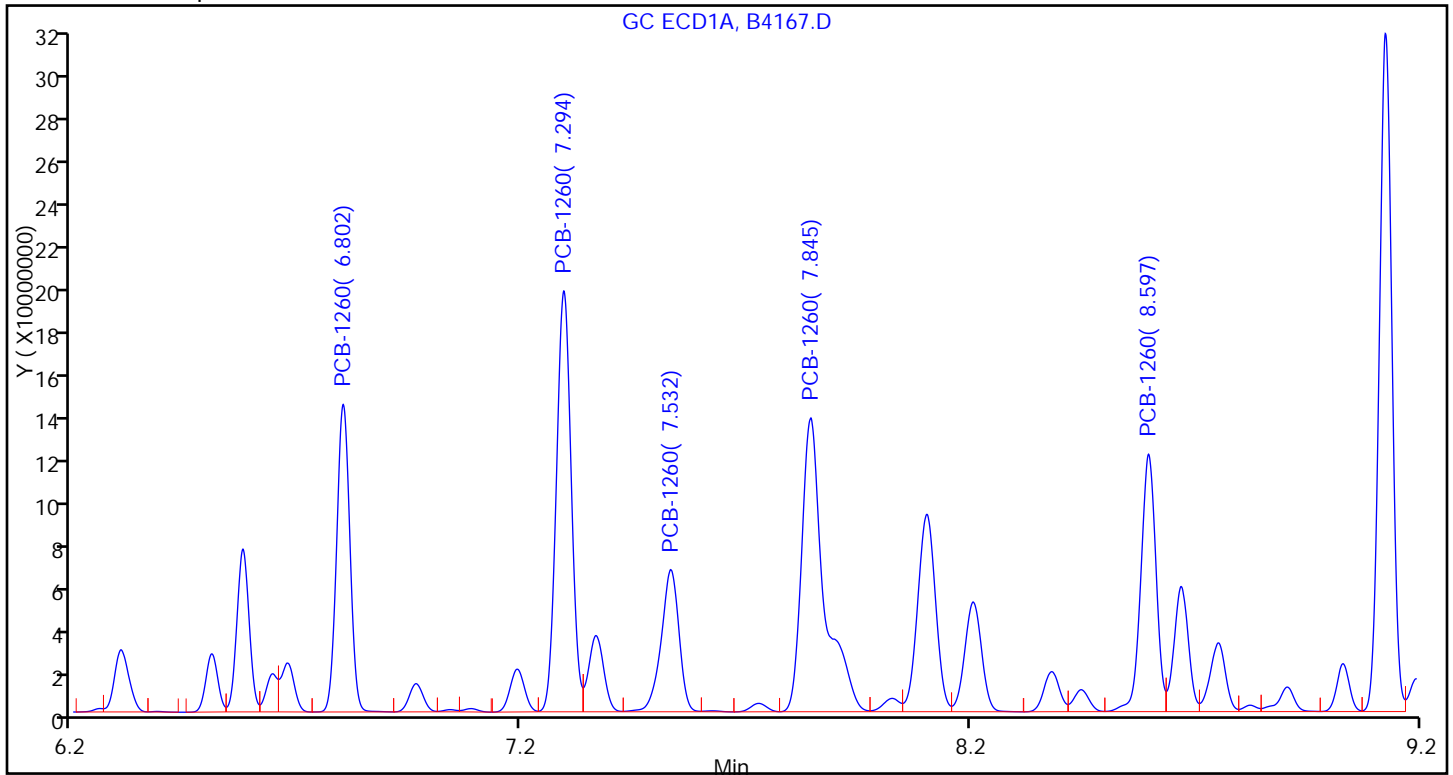
Lims Sample ID: 11

Operator ID:

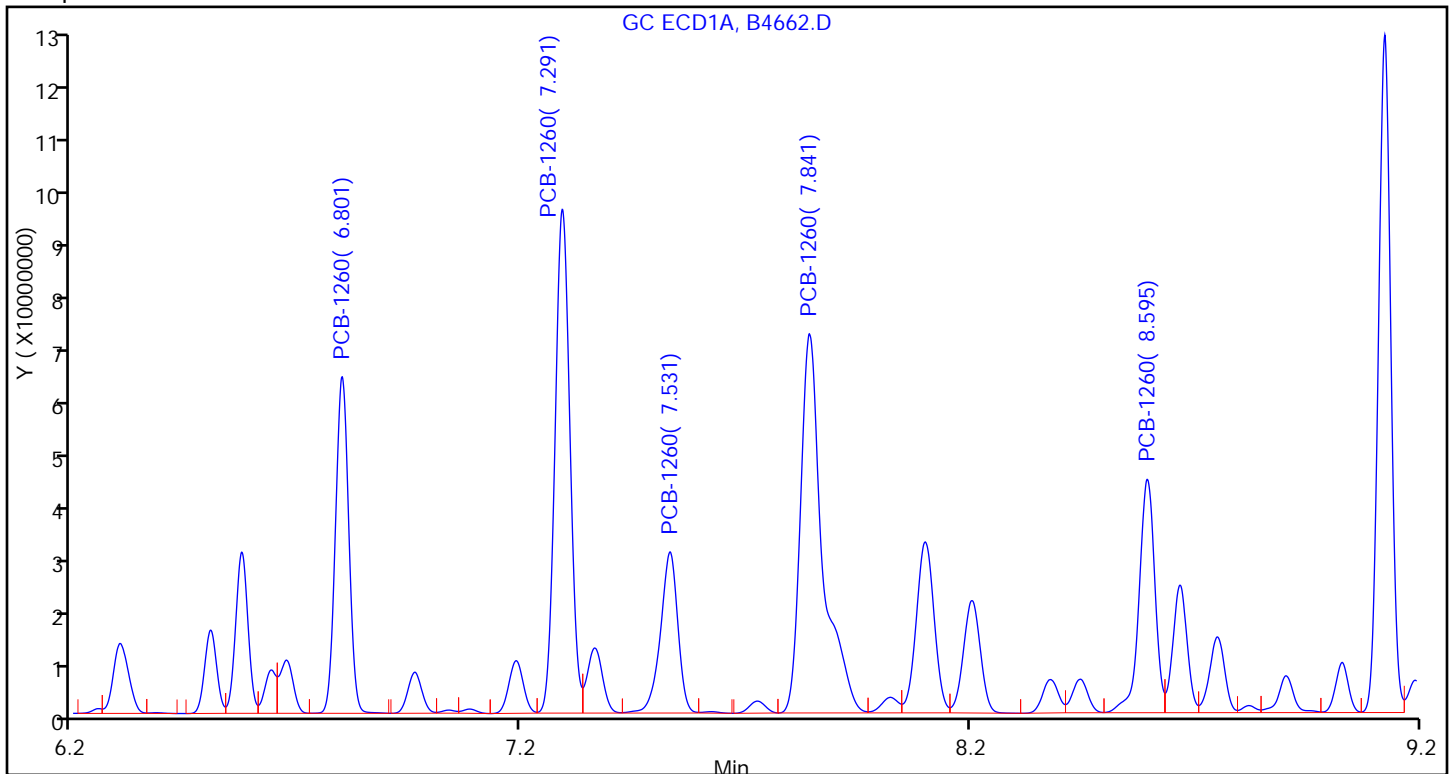
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 17B DL Lab Sample ID: 510-64148-20 DL  
 Matrix: Solid Lab File ID: B4663.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 14:45  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.13(g) Date Analyzed: 04/19/2011 12:36  
 Con. Extract Vol.: 5(mL) Dilution Factor: 200  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<4.2		4.2	0.47
11104-28-2	PCB-1221	<4.2		4.2	1.3
11141-16-5	PCB-1232	<4.2		4.2	1.0
53469-21-9	PCB-1242	<4.2		4.2	0.79
12672-29-6	PCB-1248	<4.2		4.2	0.72
11097-69-1	PCB-1254	<4.2		4.2	0.67
11096-82-5	PCB-1260	150		4.2	0.34

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\20110419-4736.b\B4663.D  
 Lims ID: 510-64148-A-20-A Client ID: 17B  
 Inject. Date: 19-Apr-2011 12:36:32 Dil. Factor: 200.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-20-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 11  
 Lims Batch ID: 79155 Lims Sample ID: 12  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 12:52:48

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937



Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4663.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
4 PCB-1016									
1	1		3.184						
1	2		3.610						
1	3		4.396						
1	4		4.967						
1	5		5.520						
2	6		3.745						
2	7		4.324						
2	8		5.212						
2	9		5.646						
2	10		5.940						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

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

11 PCB-1260

1	1	6.793	6.801	-0.008	206930772	2140.1		100.0	
1	2	7.283	7.293	-0.010	348014255	2359.7	121.7- 181.7	168.2	
1	3	7.521	7.531	-0.010	130589419	2184.6	30.7- 90.7	63.1	
1	4	7.832	7.843	-0.011	388922379	2515.3	128.0- 188.0	187.9	
1	5	8.585	8.595	-0.010	170745155	1842.9	64.6- 124.6	82.5	
Average of Peak Amounts =						2208.5			
2	6	7.897	7.909	-0.012	48275312	1808.8		100.0	
2	7	8.261	8.274	-0.013	106994282	2012.3	175.0- 235.0	221.6	
2	8	8.687	8.699	-0.012	137829865	2182.0	212.3- 272.3	285.5	
2	9	9.408	9.418	-0.010	75259536	1607.5	147.4- 207.4	155.9	
2	10	9.799	9.809	-0.010	80662231	1577.2	163.3- 223.3	167.1	
Average of Peak Amounts =						1837.5			

RPD = 18.34

\$ 3 Dibutylchloroendate

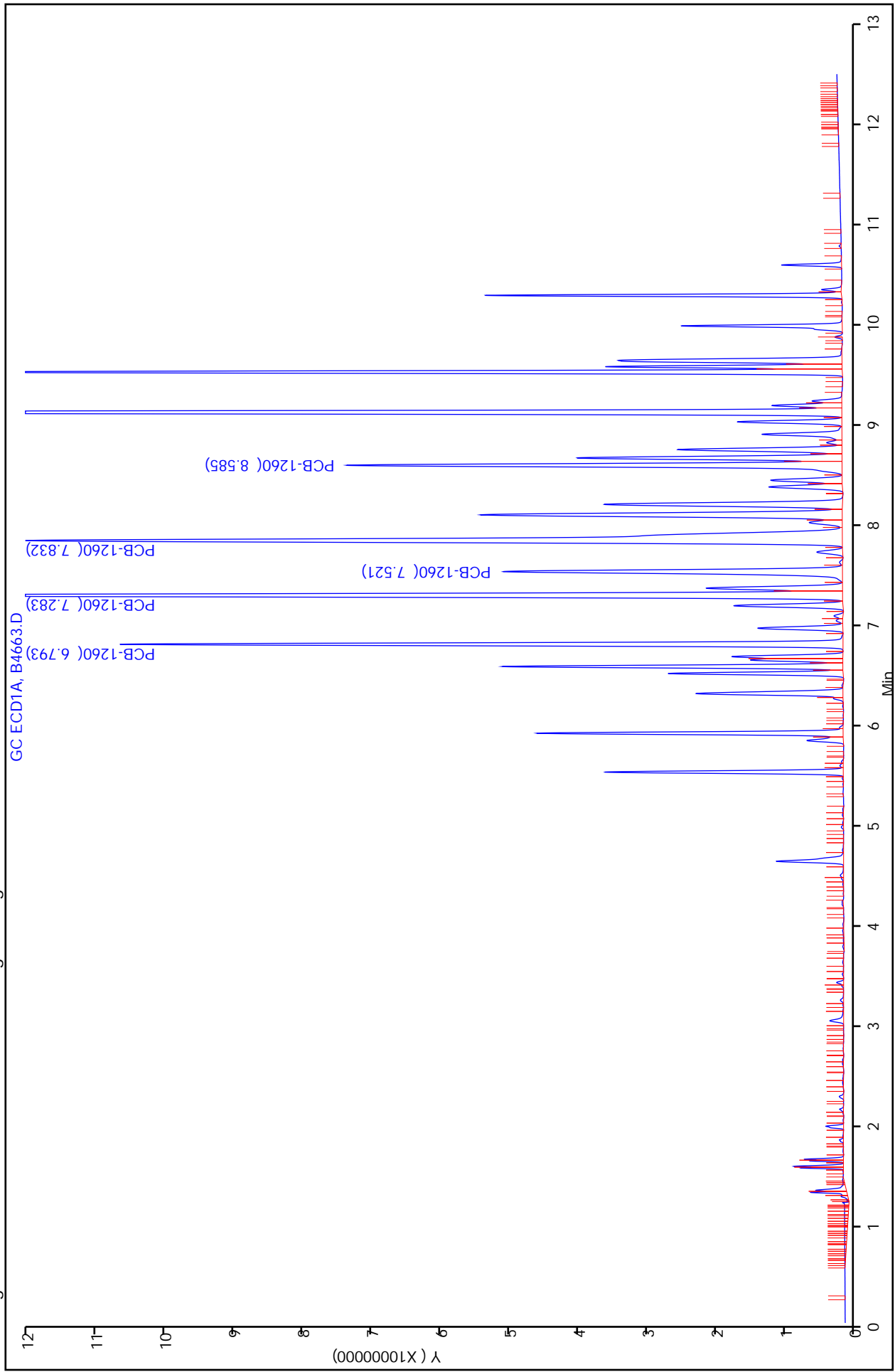
1	1	9.593
2	2	10.320

\$ 2 DCB Decachlorobiphenyl

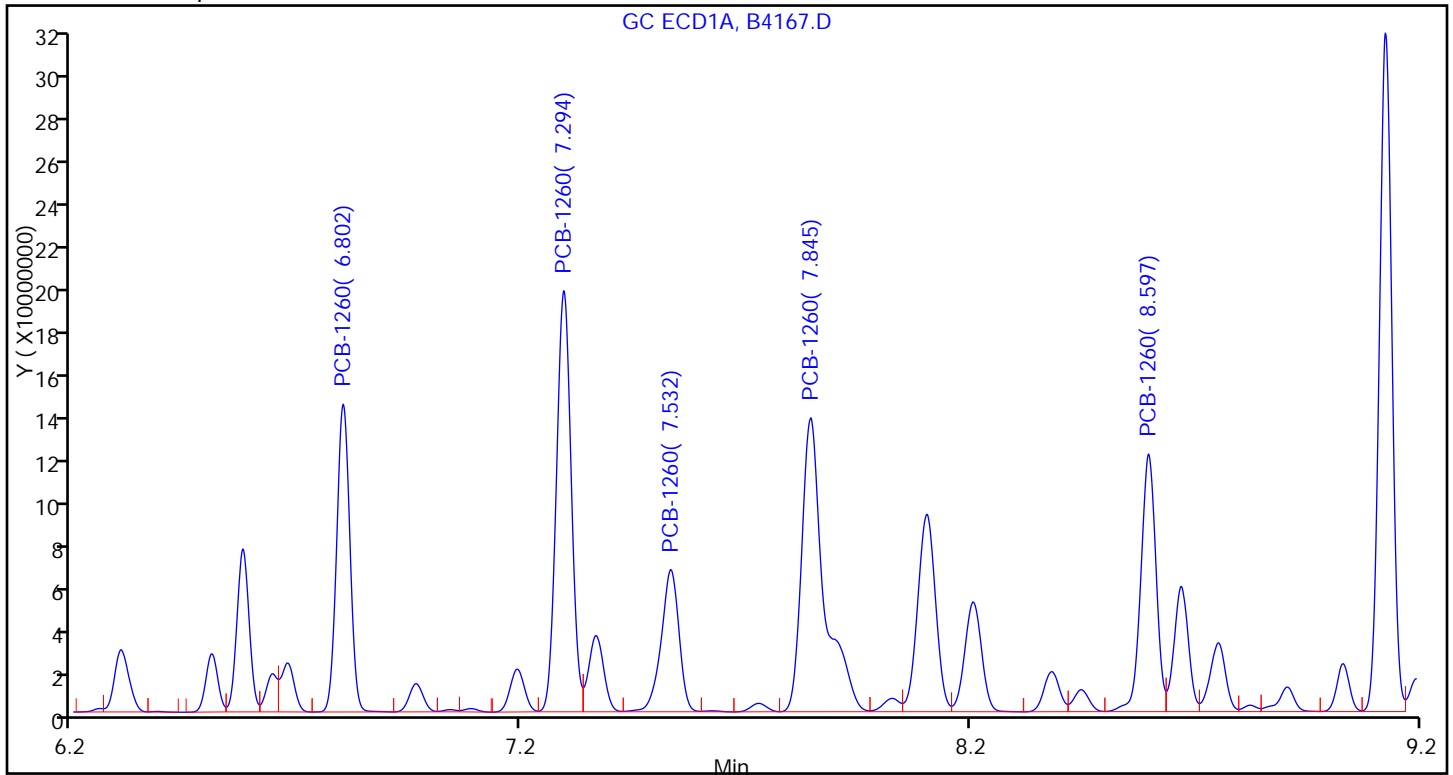
1	1	10.789
2	2	11.643

Report Date: 19-Apr-2011 12:52:48 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4663.D  
Injection Date: 19-Apr-2011 12:36:32 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 17B Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 12  
Operator ID: Injection Vol: 1.00 ul

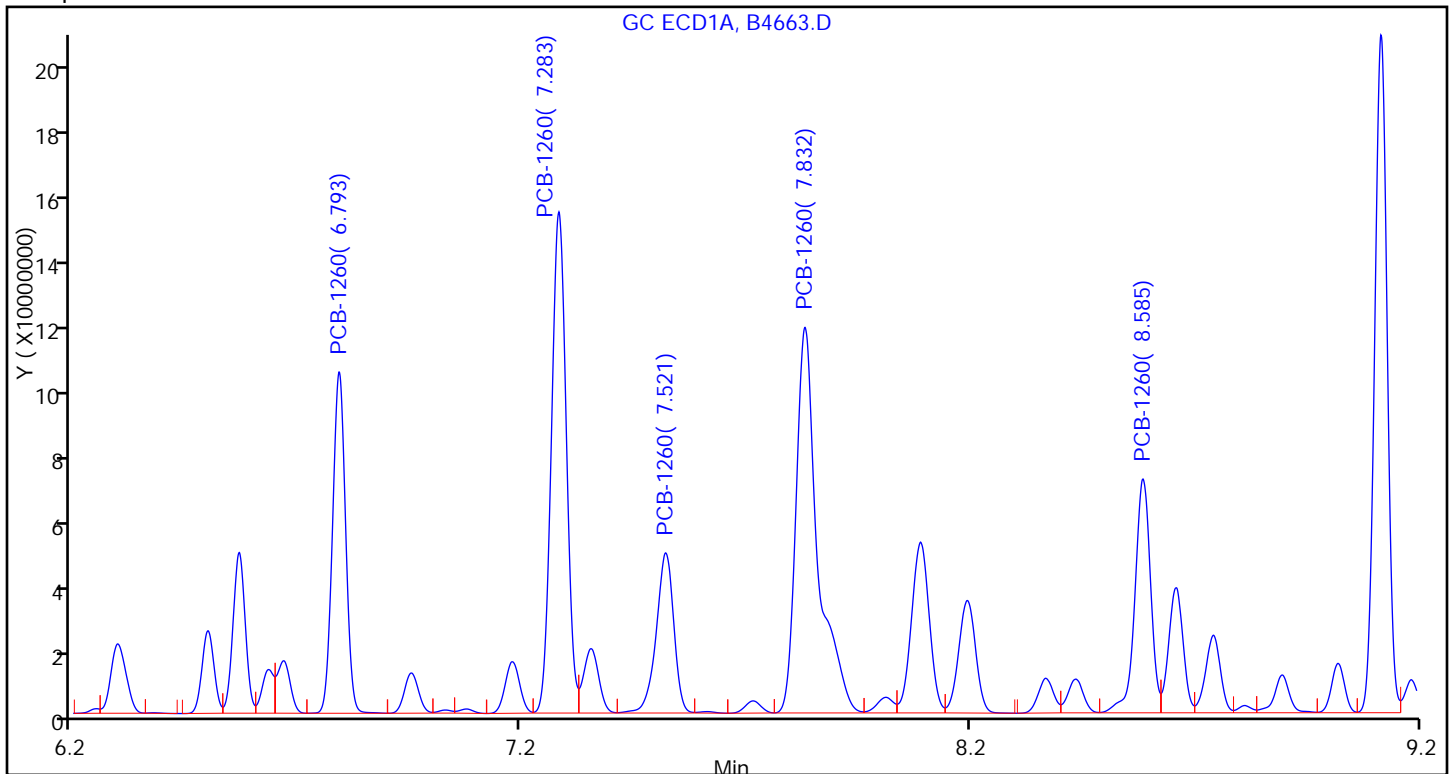
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 1C DL2 Lab Sample ID: 510-64148-21 DL2  
 Matrix: Solid Lab File ID: B4675.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 15:00  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.46(g) Date Analyzed: 04/19/2011 15:56  
 Con. Extract Vol.: 5(mL) Dilution Factor: 25000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 5.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<510		510	58
11104-28-2	PCB-1221	<510		510	150
11141-16-5	PCB-1232	<510		510	120
53469-21-9	PCB-1242	<510		510	97
12672-29-6	PCB-1248	<510		510	88
11097-69-1	PCB-1254	<510		510	82
11096-82-5	PCB-1260	12000		510	42

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\20110419-4736.b\B4675.D  
 Lims ID: 510-64148-A-21-A Client ID: 1C  
 Inject. Date: 19-Apr-2011 15:56:02 Dil. Factor: 25000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-21-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 27  
 Lims Batch ID: 79155 Lims Sample ID: 24  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 20-Apr-2011 10:00:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 20-Apr-2011 10:04:58

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4675.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.181						
1	2		3.608						
1	3		4.394						
1	4		4.965						
1	5		5.516						
2	6		3.742						
2	7		4.320						
2	8		5.210						
2	9		5.643						
2	10		5.936						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.800	6.798	0.002	131291319	1330.1		100.0		
1	2	7.291	7.289	0.002	222061447	1479.6	121.7- 181.7	169.1		
1	3	7.530	7.528	0.002	82736270	1382.7	30.7- 90.7	63.0		
1	4	7.839	7.839	0.000	247823987	1581.4	128.0- 188.0	188.8		
1	5	8.594	8.593	0.001	107994487	1153.2	64.6- 124.6	82.3		
		Average of Peak Amounts =				1385.4				
2	6	7.904	7.904	0.000	30571822	1116.7		100.0		
2	7	8.269	8.269	0.000	68320747	1255.3	175.0- 235.0	223.5		
2	8	8.694	8.695	-0.001	89197461	1369.5	212.3- 272.3	291.8		
2	9	9.415	9.414	0.001	47510580	994.2	147.4- 207.4	155.4		
2	10	9.806	9.806	0.000	50975182	972.3	163.3- 223.3	166.7		
		Average of Peak Amounts =				1141.6				
		RPD = 19.30								

\$ 3 Dibutylchloroendate

1	1	9.590
2	2	10.317

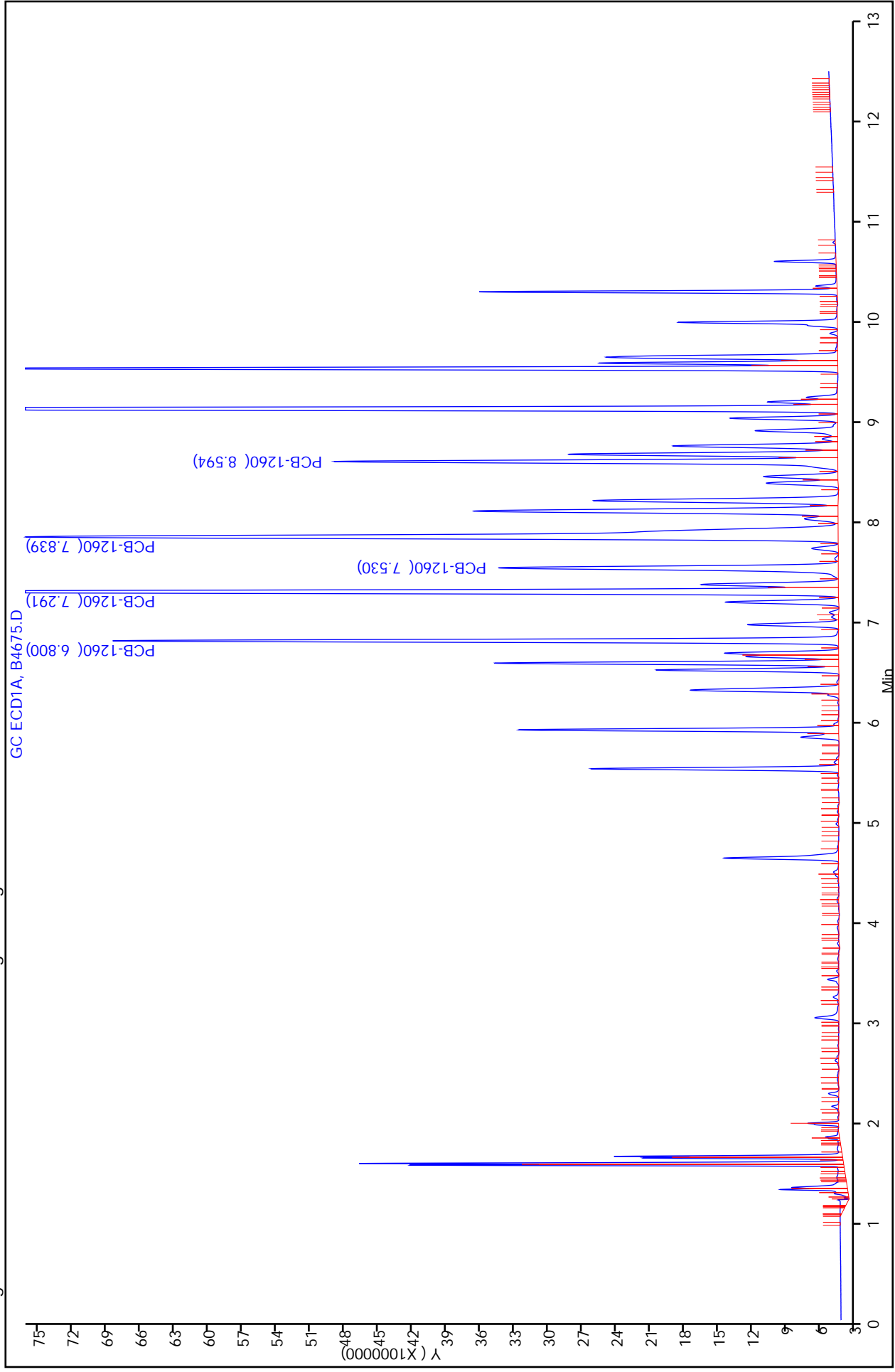
\$ 2 DCB Decachlorobiphenyl

1	1	10.785
2	2	11.640

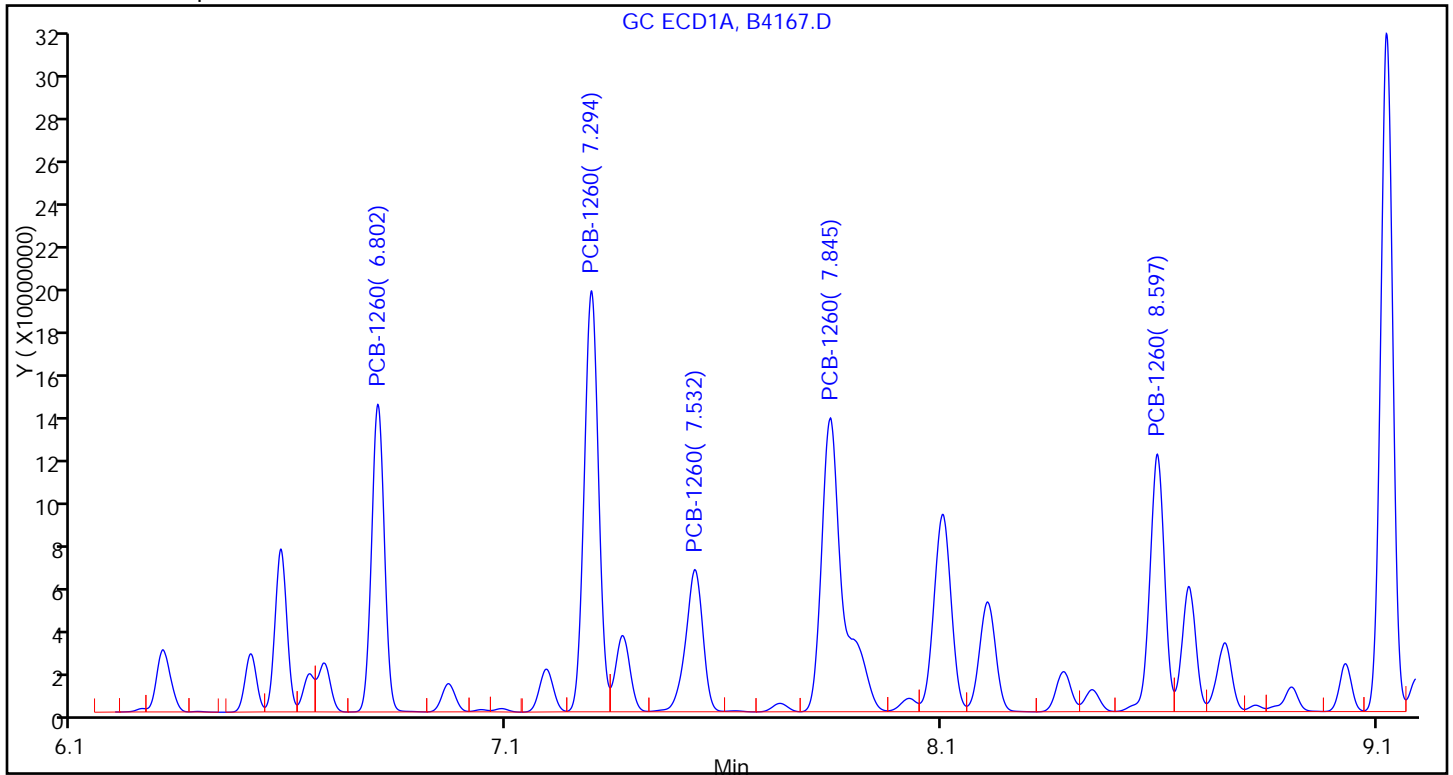


Report Date: 20-Apr-2011 10:04:58 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsrv08\ChromData\SGCA\20110419-4736.b\B4675.D  
 Injection Date: 19-Apr-2011 15:56:02 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: 1C Instrument ID: SGCA  
 Lims Batch ID: 79155 Lims Sample ID: 24  
 Operator ID: Injection Vol: 1.00 ul

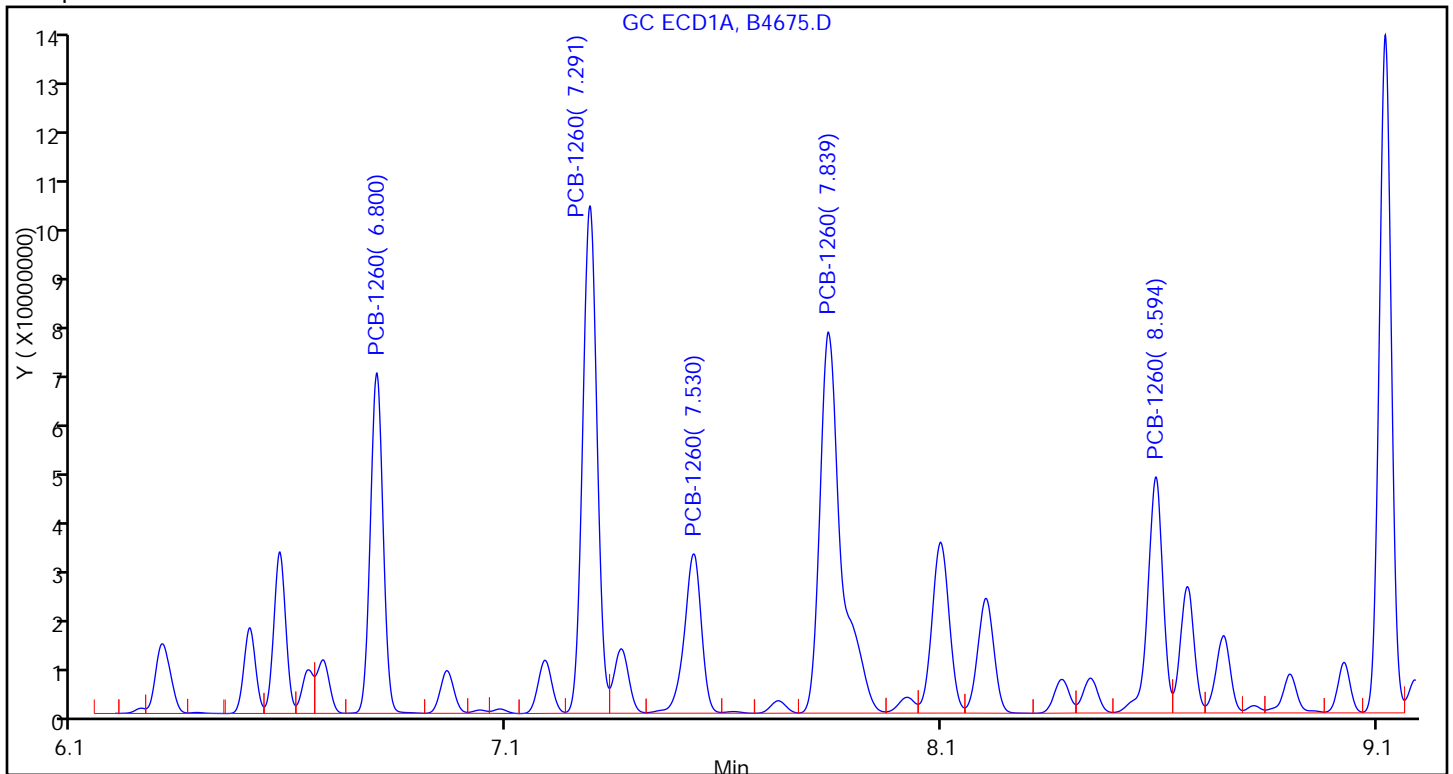
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 2C DL Lab Sample ID: 510-64148-22 DL  
 Matrix: Solid Lab File ID: B4665.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 15:10  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.18(g) Date Analyzed: 04/19/2011 13:15  
 Con. Extract Vol.: 5(mL) Dilution Factor: 5000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.8 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<100		100	12
11104-28-2	PCB-1221	<100		100	31
11141-16-5	PCB-1232	<100		100	25
53469-21-9	PCB-1242	<100		100	20
12672-29-6	PCB-1248	<100		100	18
11097-69-1	PCB-1254	<100		100	17
11096-82-5	PCB-1260	3400		100	8.5

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\20110419-4736.b\B4665.D  
 Lims ID: 510-64148-A-22-A Client ID: 2C  
 Inject. Date: 19-Apr-2011 13:15:25 Dil. Factor: 5000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-22-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 13  
 Lims Batch ID: 79155 Lims Sample ID: 14  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 13:43:33 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 14:01:05

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
4 PCB-1016									
1	1		3.182						
1	2		3.610						
1	3		4.395						
1	4		4.966						
1	5		5.518						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		5.645						
2	10		5.938						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

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

11 PCB-1260

1	1	6.802	6.800	0.002	183869965	1889.8		100.0	
1	2	7.293	7.291	0.002	317294984	2142.4	121.7- 181.7	172.6	
1	3	7.531	7.530	0.001	115790371	1936.7	30.7- 90.7	63.0	
1	4	7.842	7.840	0.002	360439185	2324.9	128.0- 188.0	196.0	
1	5	8.597	8.594	0.003	149332381	1606.3	64.6- 124.6	81.2	
Average of Peak Amounts =						1980.0			
2	6	7.907	7.905	0.002	37738907	1393.1		100.0	
2	7	8.272	8.270	0.002	90004633	1676.0	175.0- 235.0	238.5	
2	8	8.698	8.696	0.002	122245362	1916.3	212.3- 272.3	323.9	
2	9	9.417	9.415	0.002	61448035	1299.4	147.4- 207.4	162.8	
2	10	9.808	9.806	0.002	64809482	1250.9	163.3- 223.3	171.7	
Average of Peak Amounts =						1507.1			

RPD = 27.12

\$ 3 Dibutylchloroendate

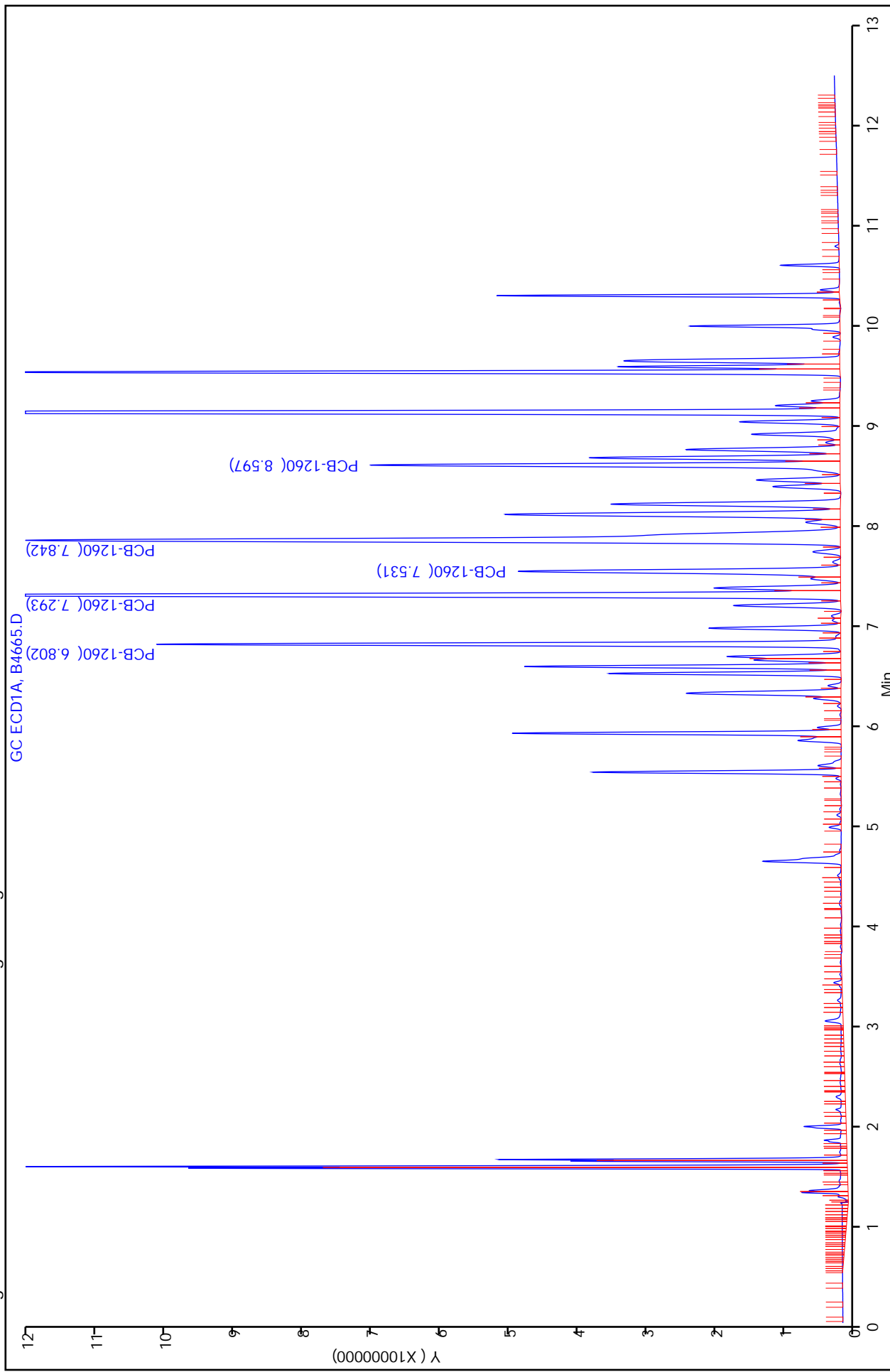
1	1	9.592							
2	2	10.318							

\$ 2 DCB Decachlorobiphenyl

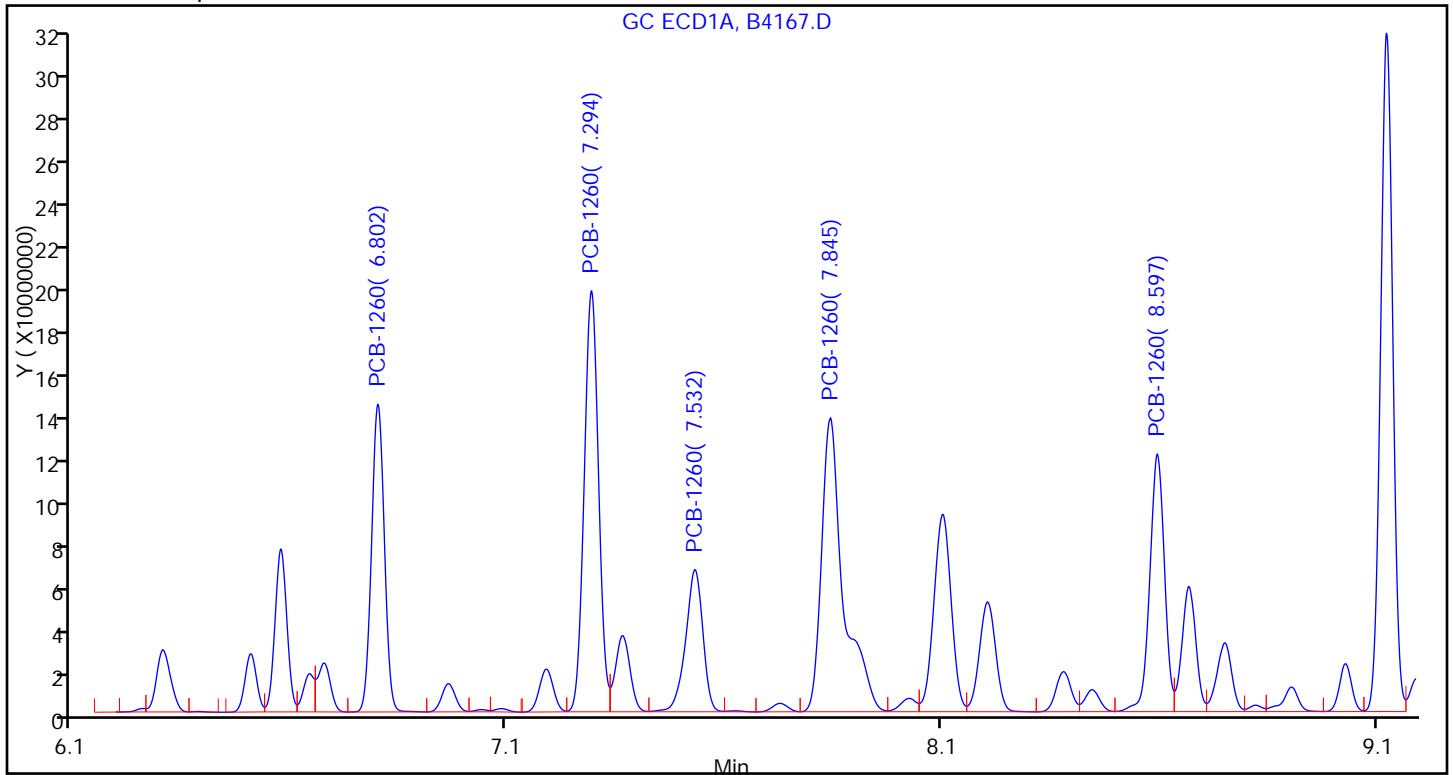
1	1	10.787							
2	2	11.640							

Report Date: 19-Apr-2011 14:01:05 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4665.D  
Injection Date: 19-Apr-2011 13:15:25 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 2C Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 14  
Operator ID: Injection Vol: 1.00 ul

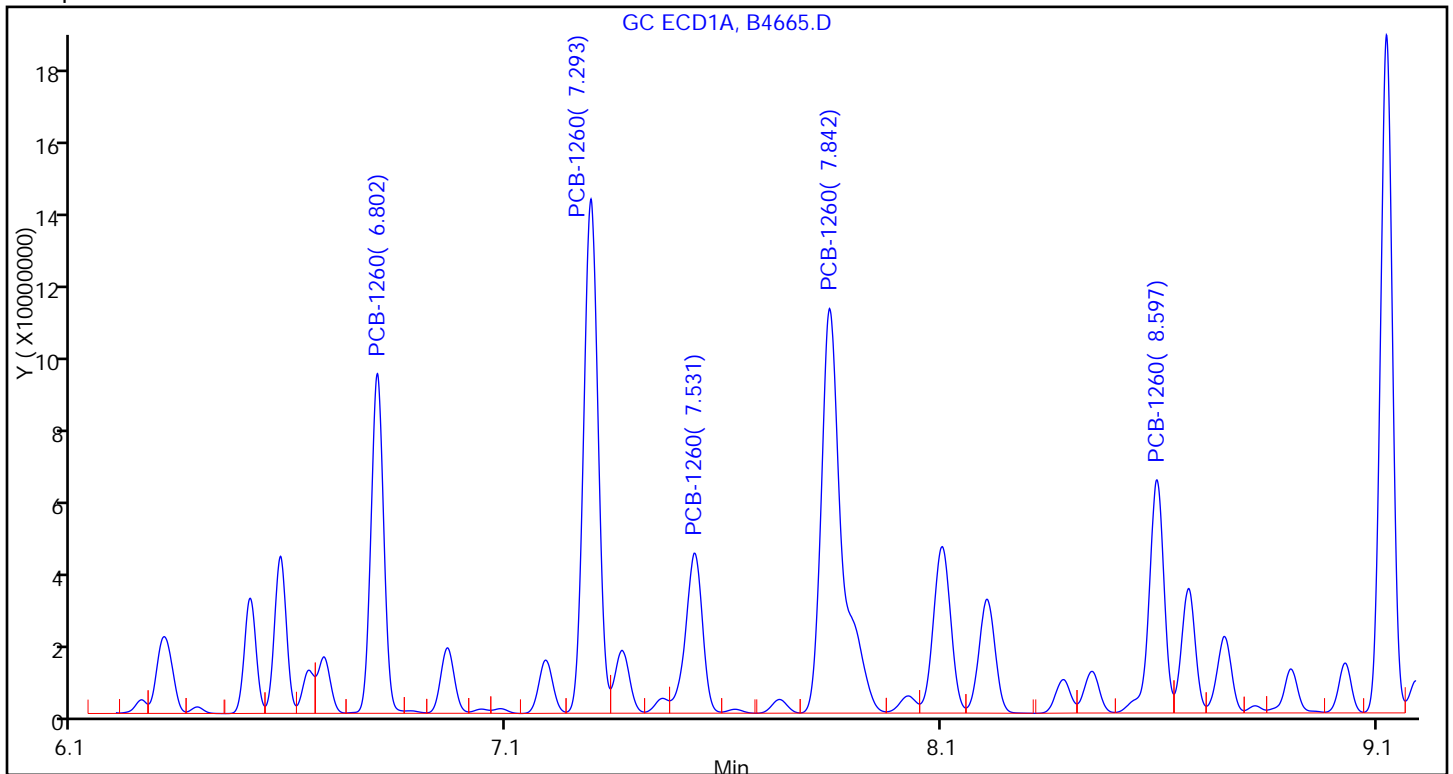
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 3C DL Lab Sample ID: 510-64148-23 DL  
 Matrix: Solid Lab File ID: B4667.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 15:20  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.73(g) Date Analyzed: 04/19/2011 13:45  
 Con. Extract Vol.: 5(mL) Dilution Factor: 500  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.6 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<10		10	1.1
11104-28-2	PCB-1221	<10		10	3.0
11141-16-5	PCB-1232	<10		10	2.4
53469-21-9	PCB-1242	<10		10	1.9
12672-29-6	PCB-1248	<10		10	1.7
11097-69-1	PCB-1254	<10		10	1.6
11096-82-5	PCB-1260	200		10	0.81

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\20110419-4736.b\B4667.D  
 Lims ID: 510-64148-A-23-A Client ID: 3C  
 Inject. Date: 19-Apr-2011 13:45:33 Dil. Factor: 500.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-23-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 14  
 Lims Batch ID: 79155 Lims Sample ID: 16  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 14:01:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 14:02:25

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4667.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.182						
1	2		3.610						
1	3		4.395						
1	4		4.966						
1	5		5.518						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		5.645						
2	10		5.938						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

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

11 PCB-1260

1	1	6.800	6.800	0.000	111412761	1122.2		100.0	
1	2	7.291	7.291	0.000	189212049	1254.7	121.7- 181.7	169.8	
1	3	7.530	7.530	0.000	70360550	1175.3	30.7- 90.7	63.2	
1	4	7.841	7.840	0.001	210982306	1341.3	128.0- 188.0	189.4	
1	5	8.594	8.594	0.000	92795310	987.7	64.6- 124.6	83.3	
Average of Peak Amounts =						1176.2			
2	6	7.905	7.905	0.000	26038245	944.3		100.0	
2	7	8.270	8.270	0.000	58268063	1063.3	175.0- 235.0	223.8	
2	8	8.696	8.696	0.000	76131772	1159.0	212.3- 272.3	292.4	
2	9	9.415	9.415	0.000	40839561	850.0	147.4- 207.4	156.8	
2	10	9.806	9.806	0.000	43923545	832.4	163.3- 223.3	168.7	
Average of Peak Amounts =						969.8			

RPD = 19.24

\$ 3 Dibutylchloroendate

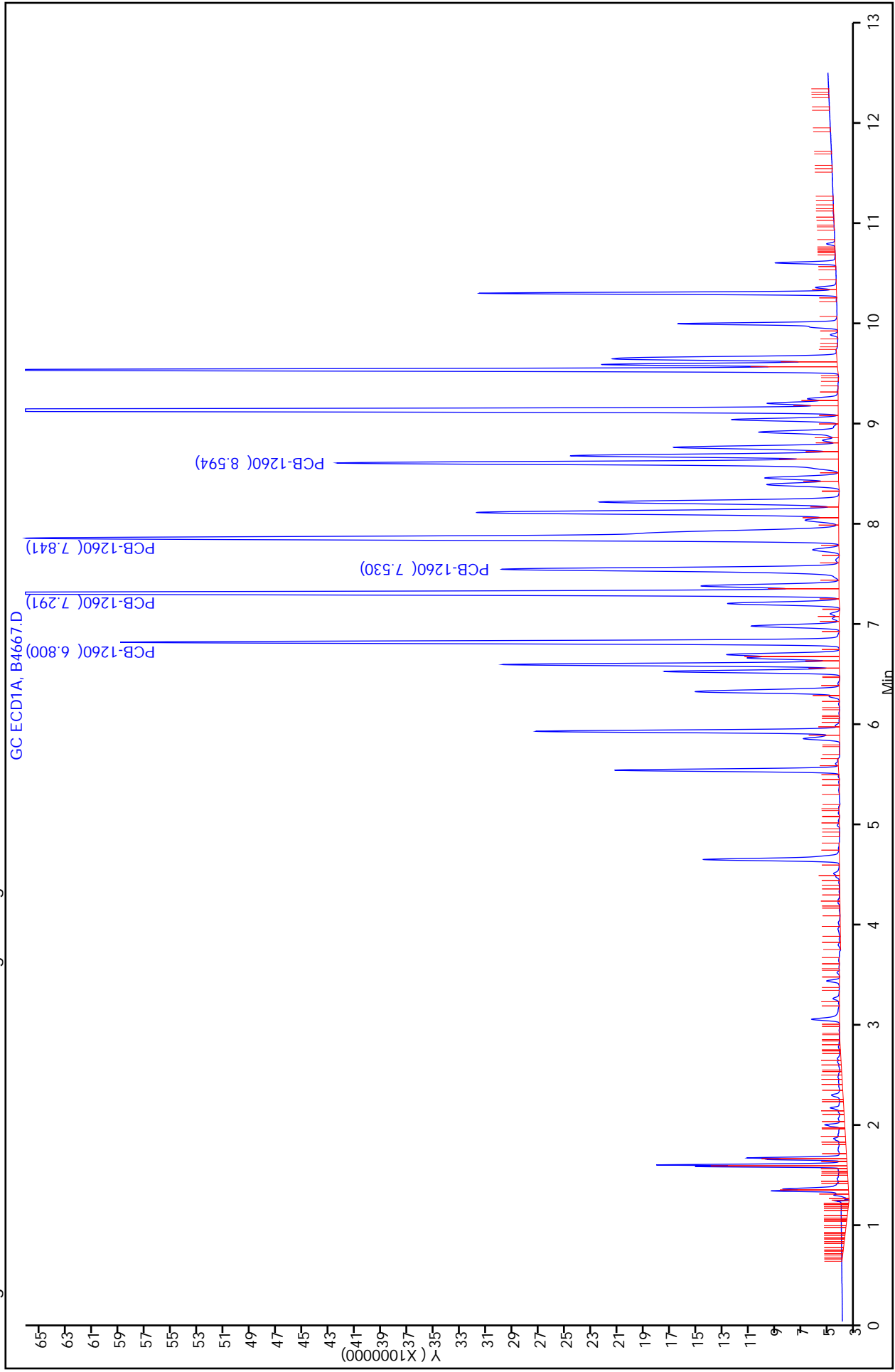
1	1	9.592							
2	2	10.318							

\$ 2 DCB Decachlorobiphenyl

1	1	10.787							
2	2	11.640							

Report Date: 19-Apr-2011 14:02:25 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4667.D  
Injection Date: 19-Apr-2011 13:45:33 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 3C Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 16  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 19-Apr-2011 14:02:25

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4667.D

Injection Date: 19-Apr-2011 13:45:33

Limit Group: SGC - 1 - 8082 CAL

Client ID: 3C

Instrument ID: SGCA

Lims Batch ID: 79155

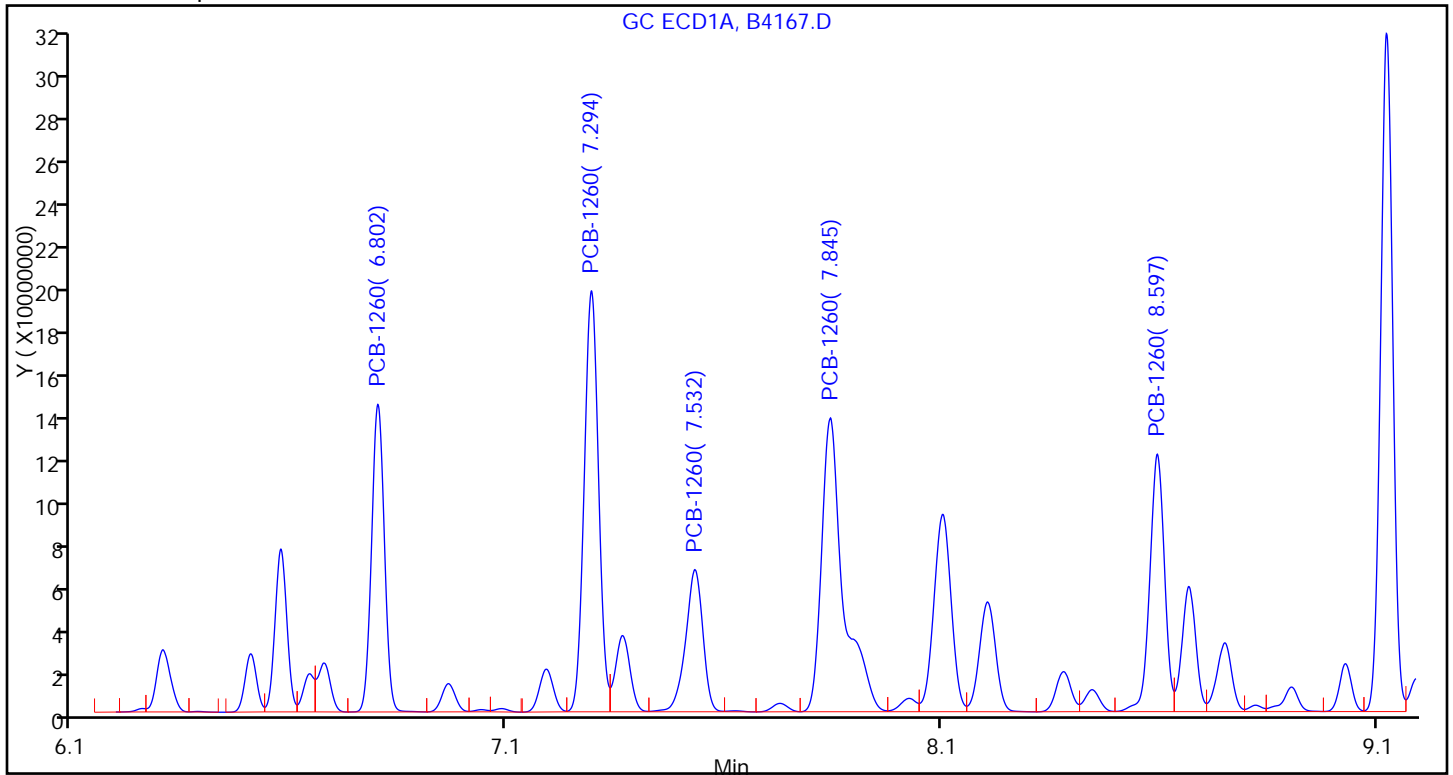
Lims Sample ID: 16

Operator ID:

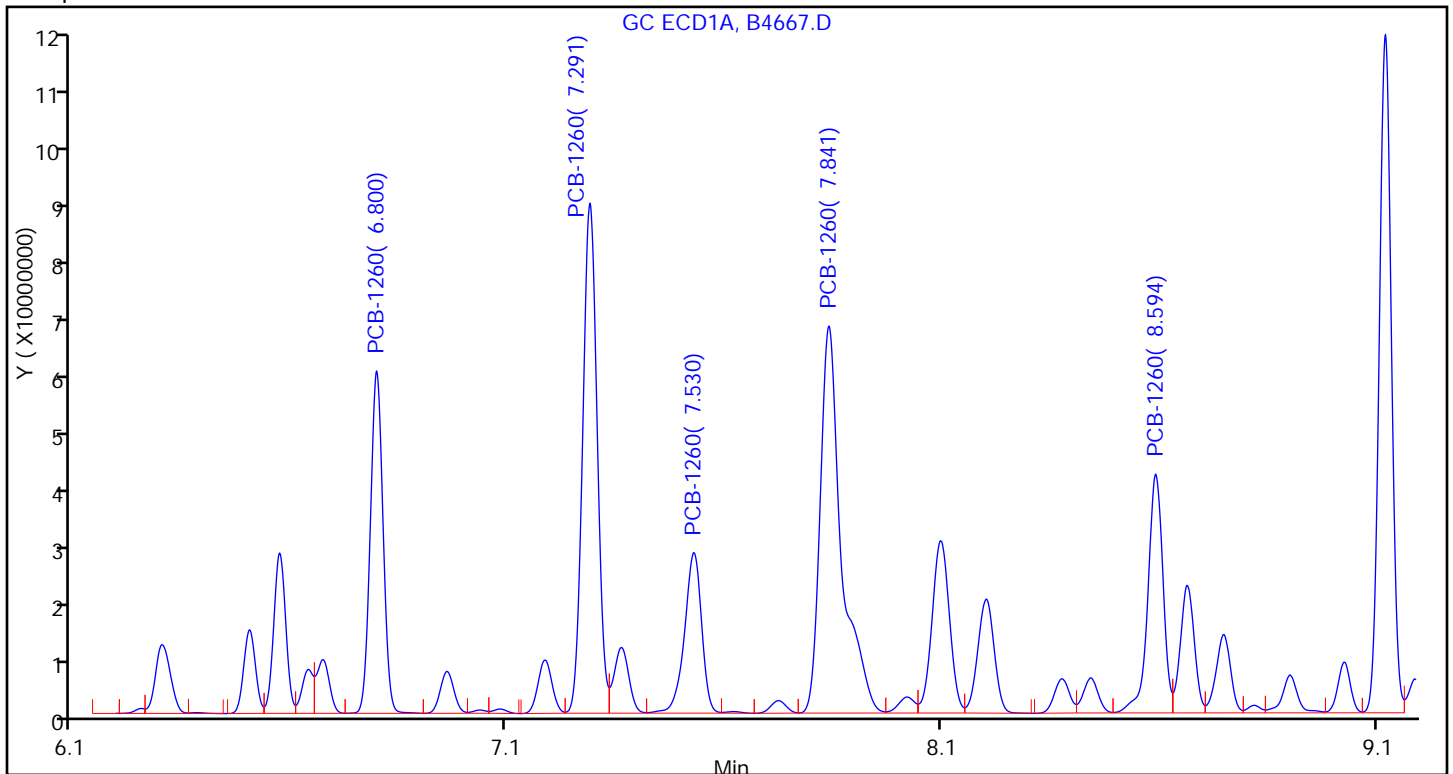
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 4C DL2 Lab Sample ID: 510-64148-24 DL2  
 Matrix: Solid Lab File ID: B4676.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 15:30  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.79(g) Date Analyzed: 04/19/2011 16:11  
 Con. Extract Vol.: 5(mL) Dilution Factor: 25000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.1 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<500		500	56
11104-28-2	PCB-1221	<500		500	150
11141-16-5	PCB-1232	<500		500	120
53469-21-9	PCB-1242	<500		500	94
12672-29-6	PCB-1248	<500		500	85
11097-69-1	PCB-1254	<500		500	80
11096-82-5	PCB-1260	6100		500	40

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\20110419-4736.b\B4676.D  
 Lims ID: 510-64148-A-24-A Client ID: 4C  
 Inject. Date: 19-Apr-2011 16:11:07 Dil. Factor: 25000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-24-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 28  
 Lims Batch ID: 79155 Lims Sample ID: 25  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 20-Apr-2011 10:00:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 20-Apr-2011 10:05:19

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937



Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.181						
1	2		3.608						
1	3		4.394						
1	4		4.965						
1	5		5.516						
2	6		3.742						
2	7		4.320						
2	8		5.210						
2	9		5.643						
2	10		5.936						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.798	6.798	0.000	67847996	673.6		100.0		
1	2	7.289	7.289	0.000	124122523	814.1	121.7- 181.7	182.9		
1	3	7.528	7.528	0.000	42443737	707.1	30.7- 90.7	62.6		
1	4	7.840	7.839	0.001	139450807	879.2	128.0- 188.0	205.5		
1	5	8.592	8.593	-0.001	58343585	615.1	64.6- 124.6	86.0		
		Average of Peak Amounts =				737.8				
2	6	7.904	7.904	0.000	14590026	517.2		100.0		
2	7	8.268	8.269	-0.001	35441721	634.2	175.0- 235.0	242.9		
2	8	8.694	8.695	-0.001	51118776	764.4	212.3- 272.3	350.4		
2	9	9.414	9.414	0.000	25446729	521.9	147.4- 207.4	174.4		
2	10	9.806	9.806	0.000	27391698	509.9	163.3- 223.3	187.7		
		Average of Peak Amounts =				589.5				
		RPD = 22.34								

\$ 3 Dibutylchloroendate

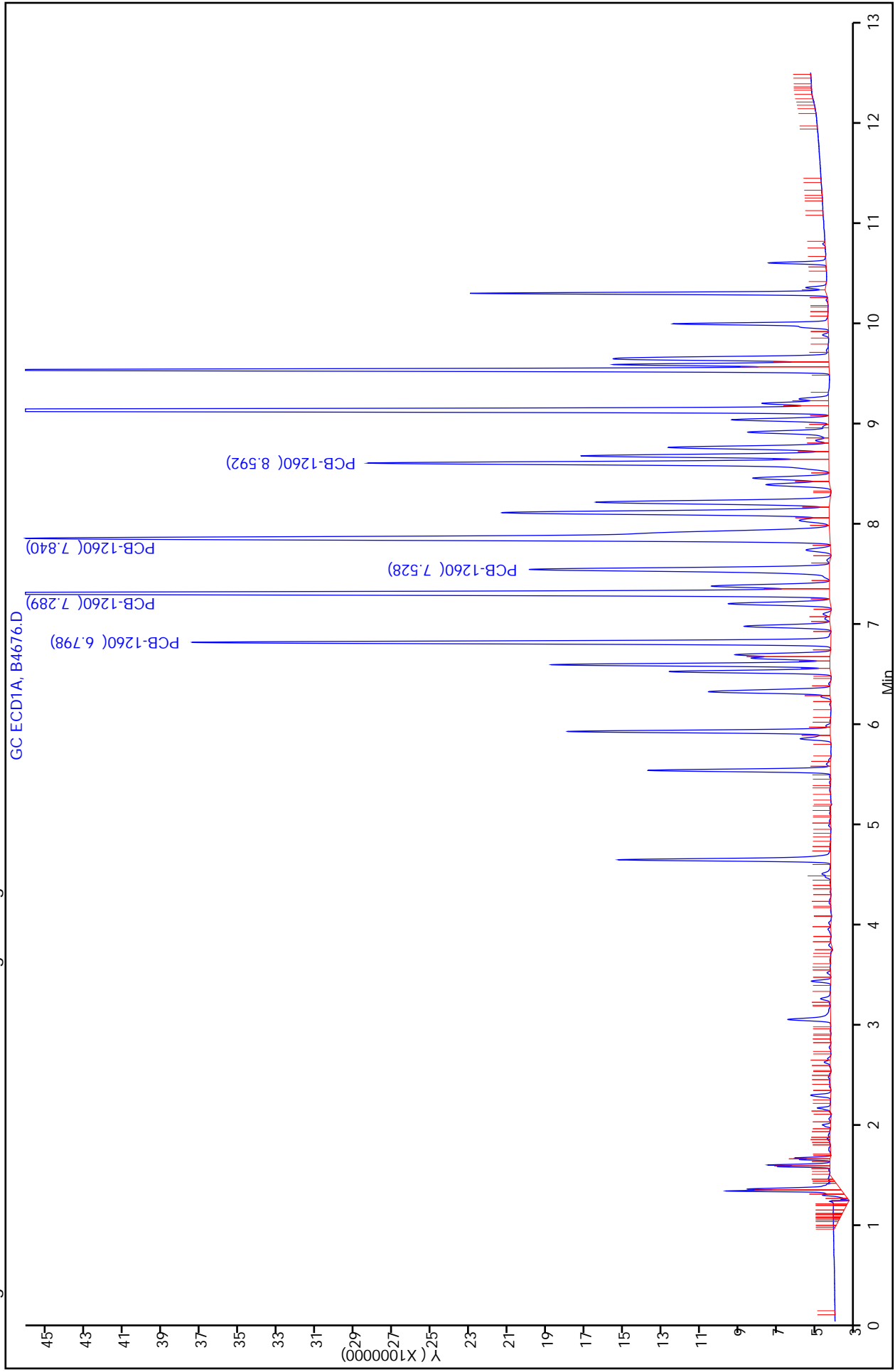
1	1	9.590
2	2	10.317

\$ 2 DCB Decachlorobiphenyl

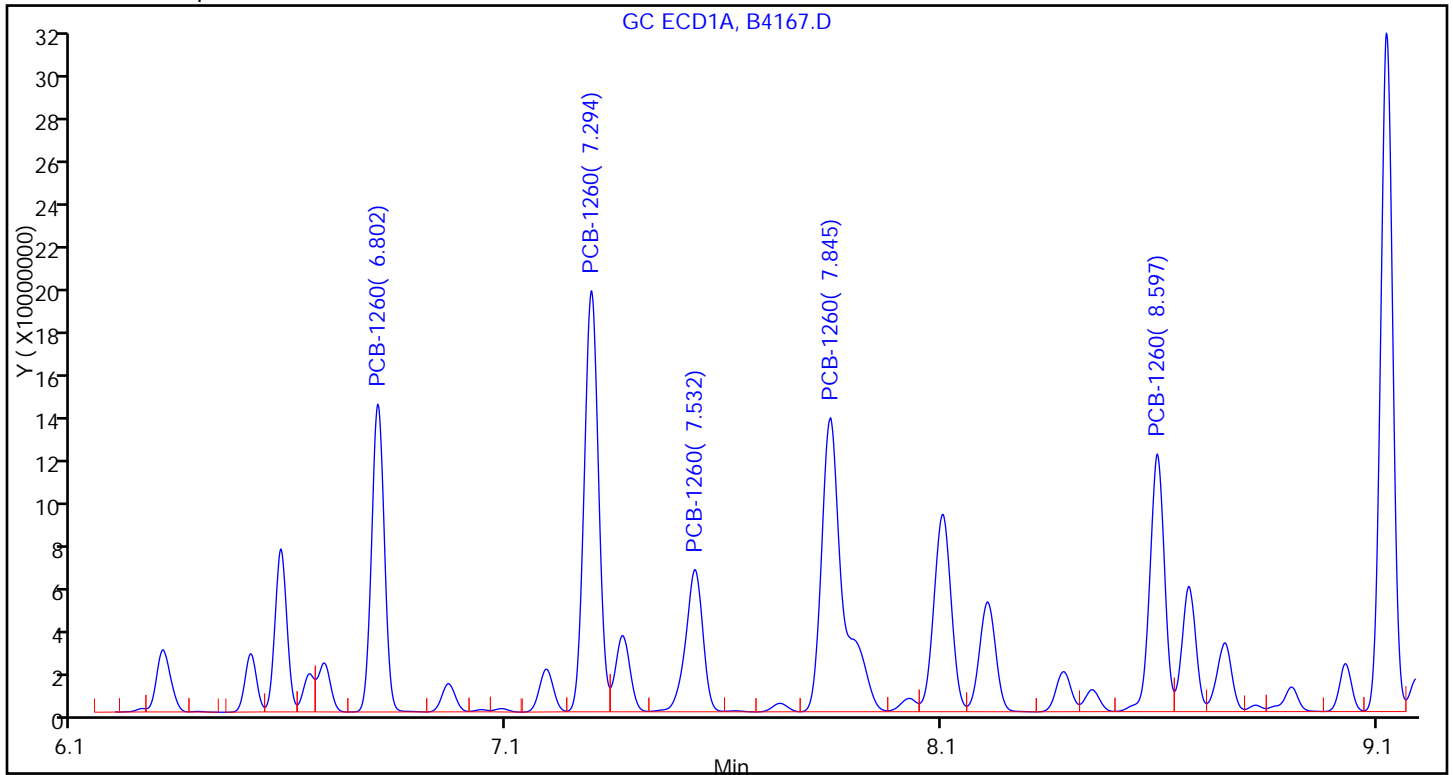
1	1	10.785
2	2	11.640

Report Date: 20-Apr-2011 10:05:19 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4676.D  
Injection Date: 19-Apr-2011 16:11:07 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 4C Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 25  
Operator ID: Injection Vol: 1.00 ul

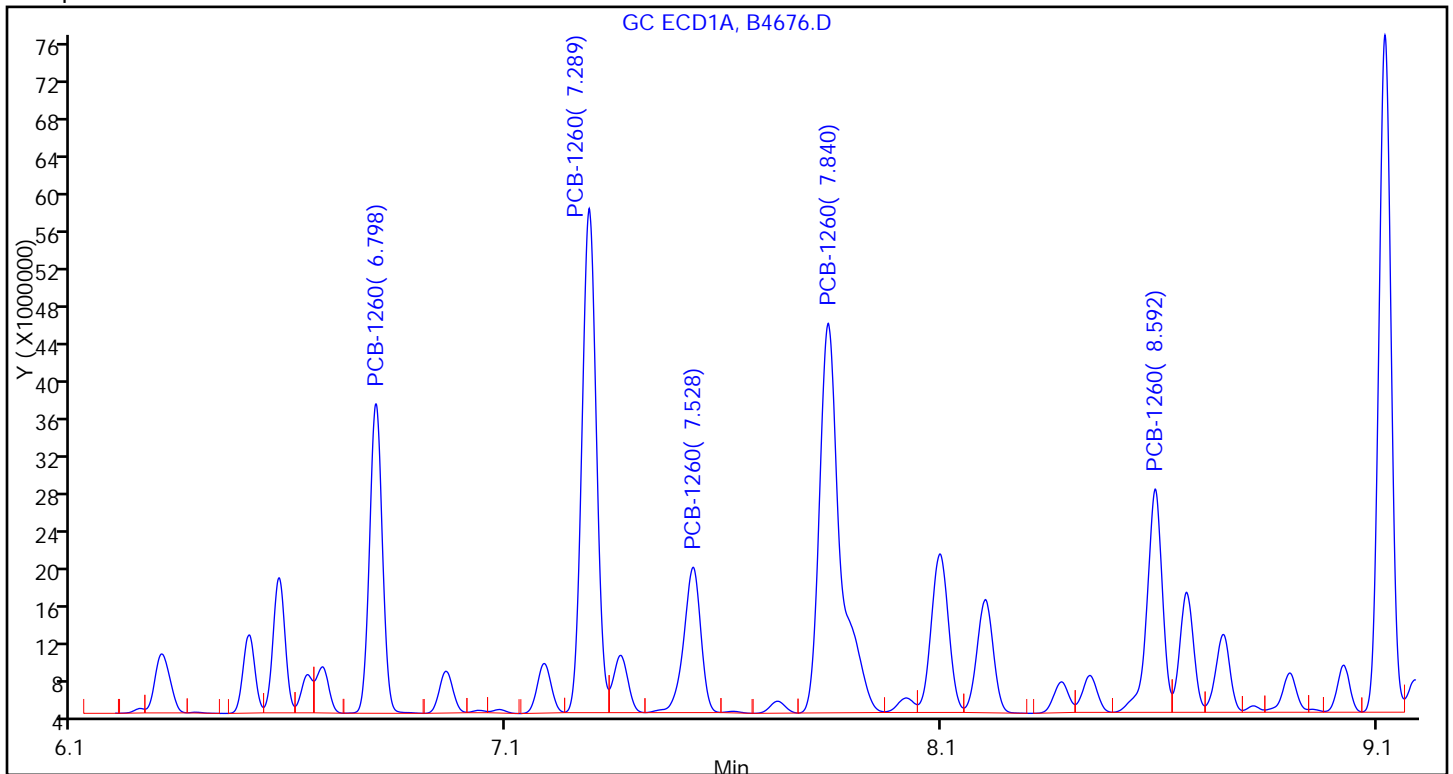
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 5C DL Lab Sample ID: 510-64148-25 DL  
 Matrix: Solid Lab File ID: B4669.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 15:40  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.20(g) Date Analyzed: 04/19/2011 14:25  
 Con. Extract Vol.: 5(mL) Dilution Factor: 50  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 5.0 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<1.0		1.0	0.12
11104-28-2	PCB-1221	<1.0		1.0	0.31
11141-16-5	PCB-1232	<1.0		1.0	0.25
53469-21-9	PCB-1242	<1.0		1.0	0.20
12672-29-6	PCB-1248	<1.0		1.0	0.18
11097-69-1	PCB-1254	<1.0		1.0	0.17
11096-82-5	PCB-1260	44		1.0	0.085

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\20110419-4736.b\B4669.D  
 Lims ID: 510-64148-A-25-A Client ID: 5C  
 Inject. Date: 19-Apr-2011 14:25:18 Dil. Factor: 50.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-25-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 16  
 Lims Batch ID: 79155 Lims Sample ID: 18  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 20-Apr-2011 10:00:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 20-Apr-2011 10:01:05

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.181						
1	2		3.608						
1	3		4.394						
1	4		4.965						
1	5		5.516						
2	6		3.742						
2	7		4.320						
2	8		5.210						
2	9		5.643						
2	10		5.936						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

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

11 PCB-1260

1	1	6.802	6.798	0.004	240963032	2515.2		100.0	
1	2	7.293	7.289	0.004	402852815	2751.9	121.7- 181.7	167.2	
1	3	7.531	7.528	0.003	151057538	2527.4	30.7- 90.7	62.7	
1	4	7.844	7.839	0.005	450458672	2930.0	128.0- 188.0	186.9	
1	5	8.596	8.593	0.003	190661398	2064.2	64.6- 124.6	79.1	
Average of Peak Amounts =						2557.7			
2	6	7.907	7.904	0.003	55776202	2111.9		100.0	
2	7	8.271	8.269	0.002	122646528	2327.5	175.0- 235.0	219.9	
2	8	8.697	8.695	0.002	156559568	2508.4	212.3- 272.3	280.7	
2	9	9.416	9.414	0.002	84597914	1819.2	147.4- 207.4	151.7	
2	10	9.807	9.806	0.001	88238148	1736.0	163.3- 223.3	158.2	
Average of Peak Amounts =						2100.6			

RPD = 19.63

\$ 3 Dibutylchloroendate

1	1	9.590
2	2	10.317

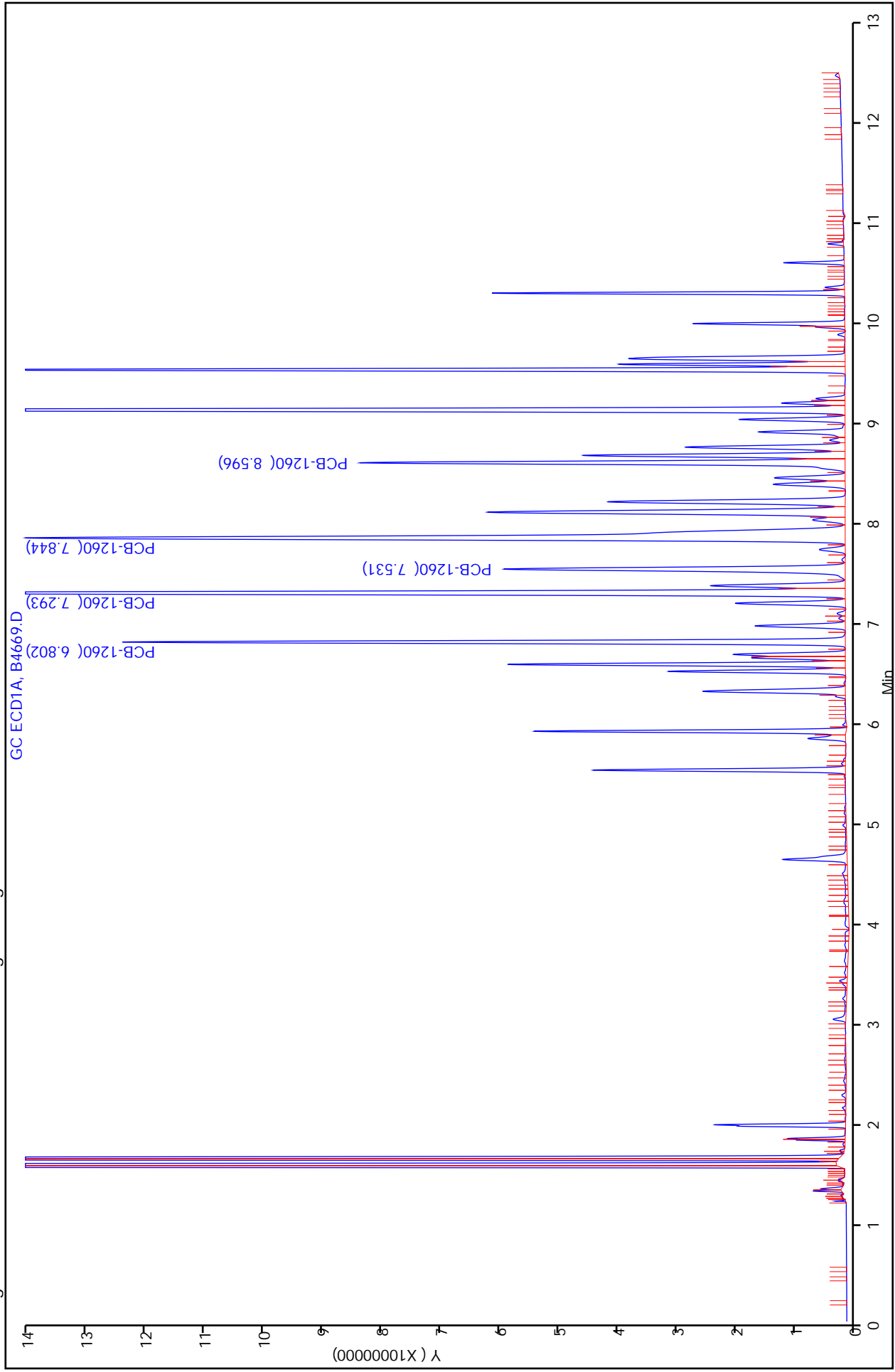
\$ 2 DCB Decachlorobiphenyl

1	1	10.785
2	2	11.640

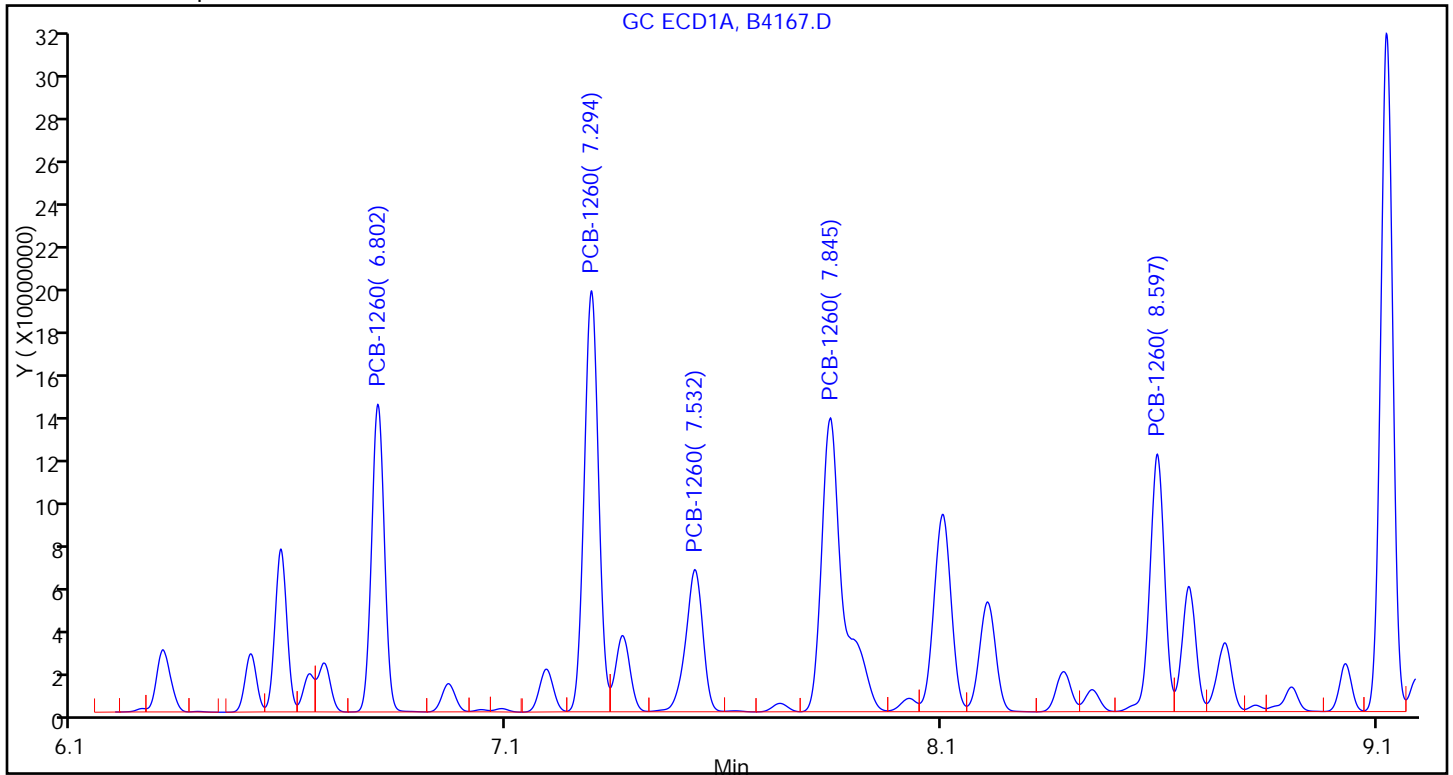


Report Date: 20-Apr-2011 10:01:06 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4669.D  
Injection Date: 19-Apr-2011 14:25:18 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 5C Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 18  
Operator ID: Injection Vol: 1.00 ul

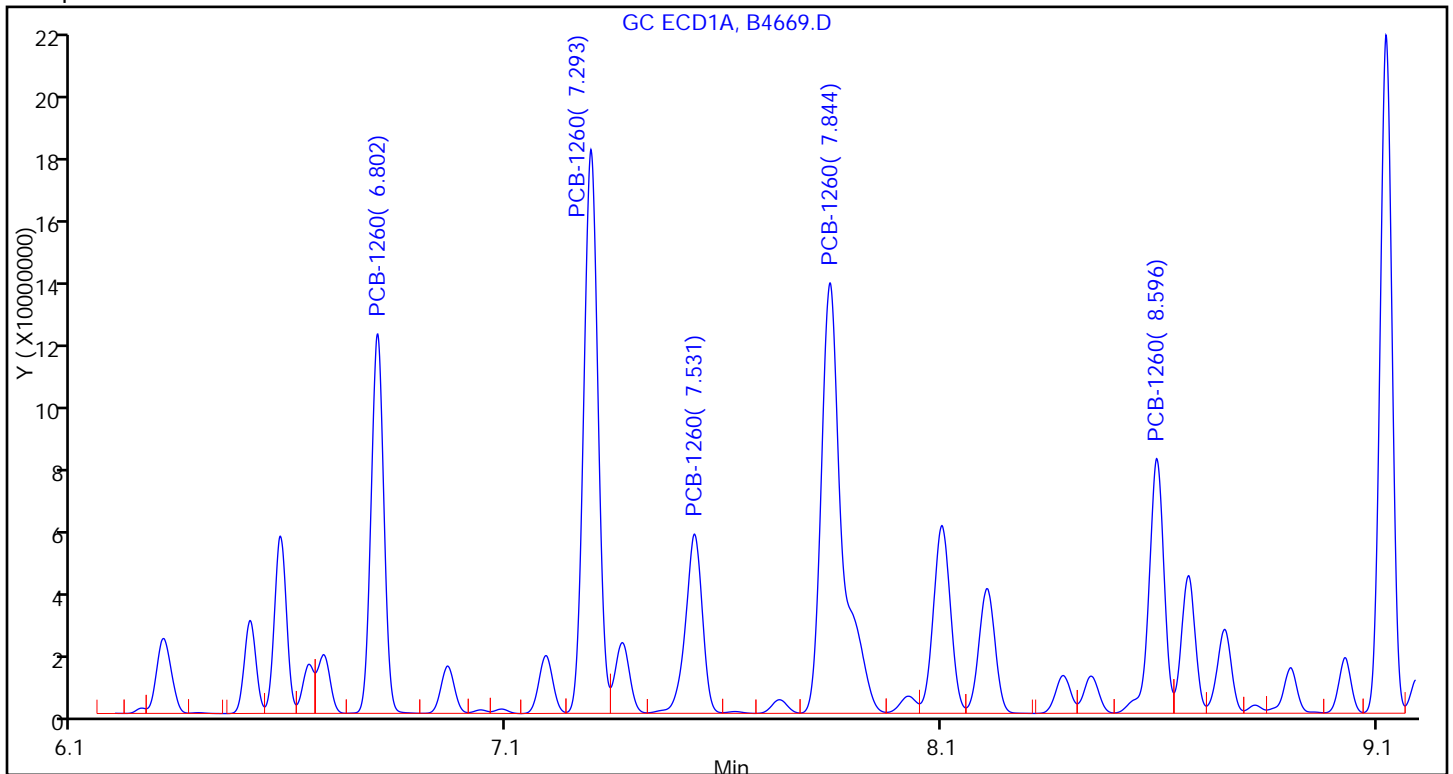
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 6C DL Lab Sample ID: 510-64148-26 DL  
 Matrix: Solid Lab File ID: B4670.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 15:50  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.51(g) Date Analyzed: 04/19/2011 14:40  
 Con. Extract Vol.: 5(mL) Dilution Factor: 50  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<1.0		1.0	0.11
11104-28-2	PCB-1221	<1.0		1.0	0.30
11141-16-5	PCB-1232	<1.0		1.0	0.24
53469-21-9	PCB-1242	<1.0		1.0	0.19
12672-29-6	PCB-1248	<1.0		1.0	0.17
11097-69-1	PCB-1254	<1.0		1.0	0.16
11096-82-5	PCB-1260	31		1.0	0.082

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\20110419-4736.b\B4670.D  
 Lims ID: 510-64148-A-26-A Client ID: 6C  
 Inject. Date: 19-Apr-2011 14:40:22 Dil. Factor: 50.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-26-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 17  
 Lims Batch ID: 79155 Lims Sample ID: 19  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 20-Apr-2011 10:00:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 20-Apr-2011 10:01:32

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.181						
1	2		3.608						
1	3		4.394						
1	4		4.965						
1	5		5.516						
2	6		3.742						
2	7		4.320						
2	8		5.210						
2	9		5.643						
2	10		5.936						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

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

11 PCB-1260

1	1	6.800	6.798	0.002	173614934	1779.5		100.0	
1	2	7.291	7.289	0.002	294669994	1983.5	121.7- 181.7	169.7	
1	3	7.530	7.528	0.002	110537154	1848.7	30.7- 90.7	63.7	
1	4	7.840	7.839	0.001	330035492	2122.8	128.0- 188.0	190.1	
1	5	8.594	8.593	0.001	143627722	1543.5	64.6- 124.6	82.7	
Average of Peak Amounts =						1855.6			
2	6	7.906	7.904	0.002	40248089	1491.1		100.0	
2	7	8.270	8.269	0.001	89568497	1667.5	175.0- 235.0	222.5	
2	8	8.696	8.695	0.001	116494508	1819.6	212.3- 272.3	289.4	
2	9	9.415	9.414	0.001	62644474	1325.9	147.4- 207.4	155.6	
2	10	9.807	9.806	0.001	66930850	1294.1	163.3- 223.3	166.3	
Average of Peak Amounts =						1519.6			

RPD = 19.91

\$ 3 Dibutylchloroendate

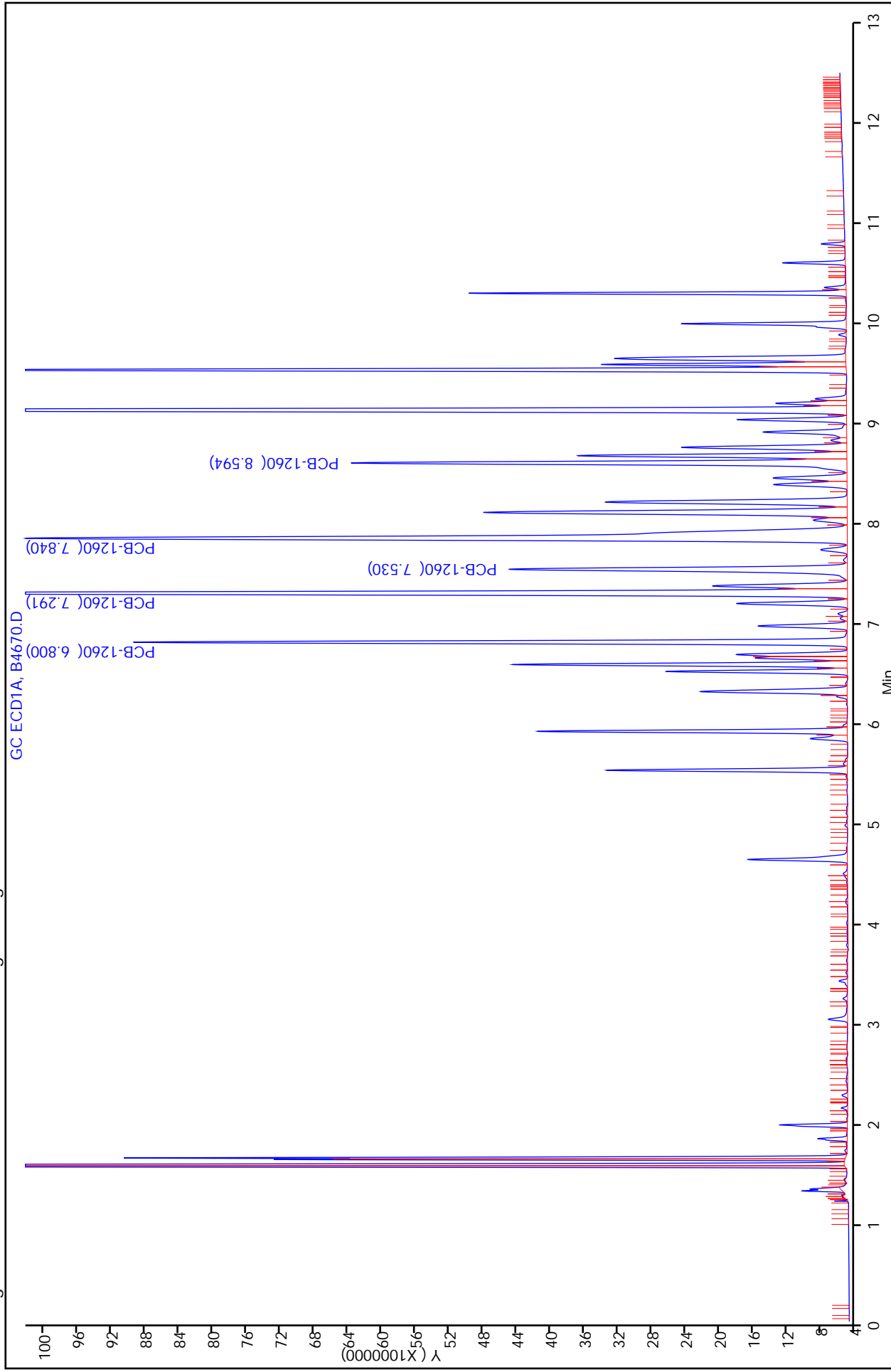
1	1	9.590							
2	2	10.317							

\$ 2 DCB Decachlorobiphenyl

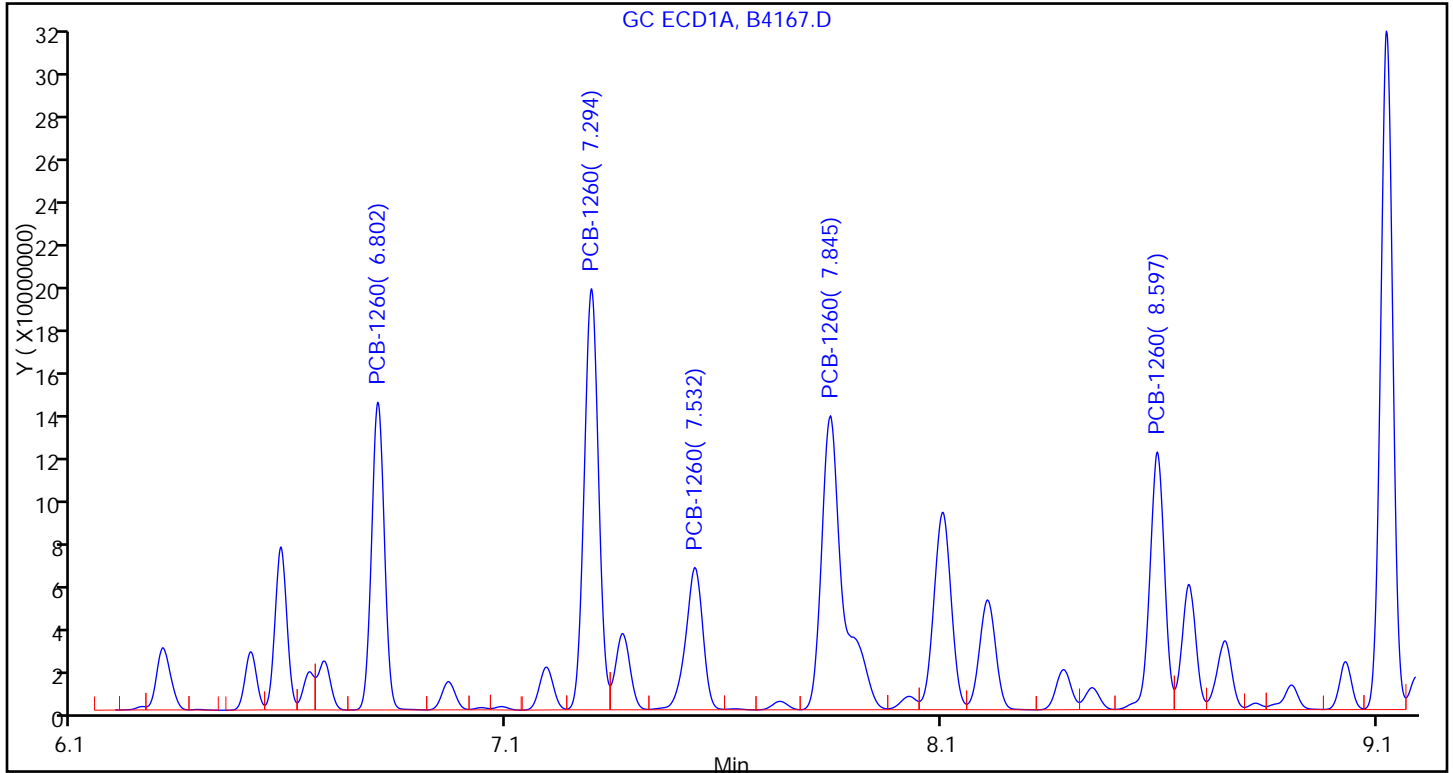
1	1	10.785							
2	2	11.640							

Report Date: 20-Apr-2011 10:01:32 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4670.D  
Injection Date: 19-Apr-2011 14:40:22 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 6C Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 19  
Operator ID: Injection Vol: 1.00 ul

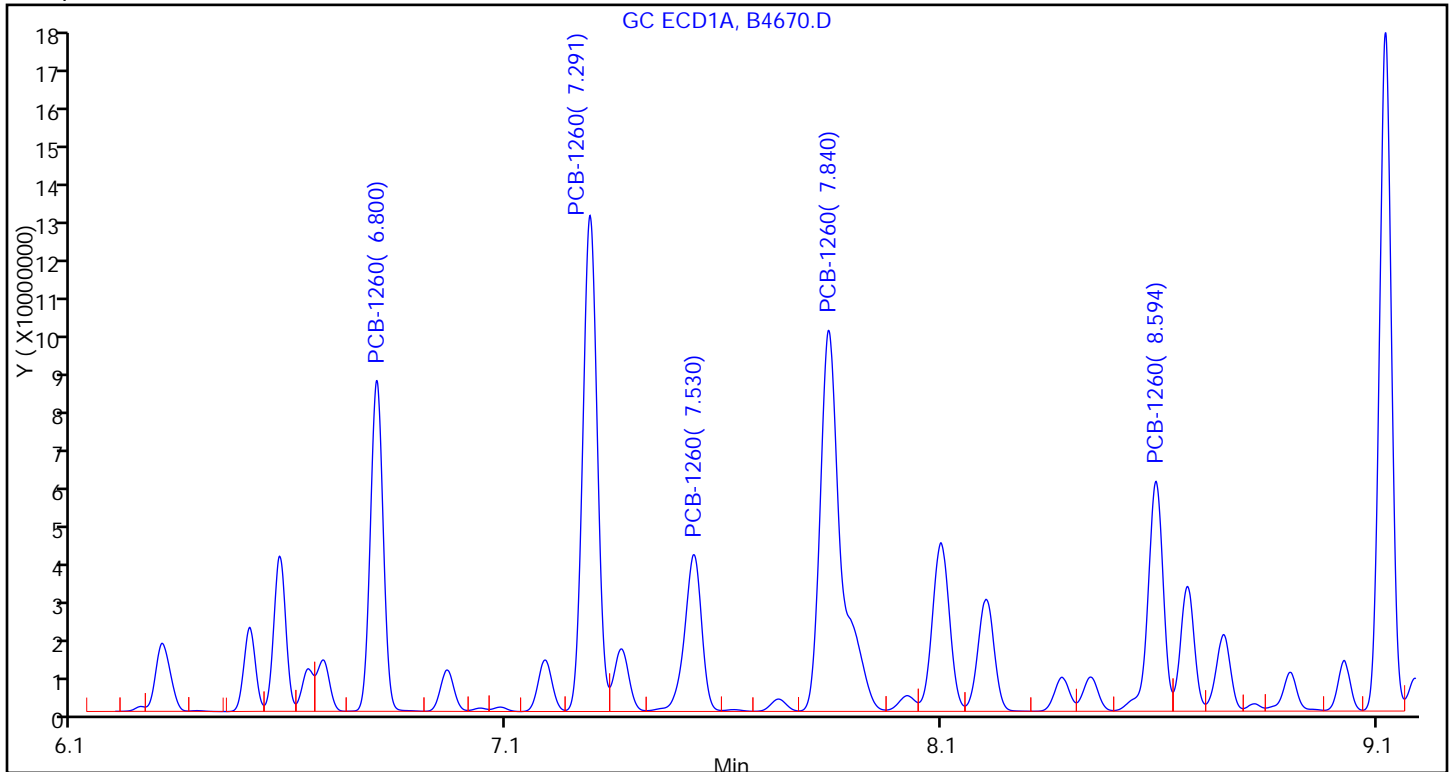
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample





FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 7C DL2 Lab Sample ID: 510-64148-27 DL2  
 Matrix: Solid Lab File ID: B4689.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 16:00  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.80(g) Date Analyzed: 04/20/2011 11:10  
 Con. Extract Vol.: 5(mL) Dilution Factor: 1000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.4 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79231 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<20		20	2.3
11104-28-2	PCB-1221	<20		20	6.0
11141-16-5	PCB-1232	<20		20	4.8
53469-21-9	PCB-1242	<20		20	3.8
12672-29-6	PCB-1248	<20		20	3.4
11097-69-1	PCB-1254	<20		20	3.2
11096-82-5	PCB-1260	570		20	1.6

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\20110420-4742.b\B4689.D  
 Lims ID: 510-64148-A-27-A Client ID: 7C  
 Inject. Date: 20-Apr-2011 11:10:27 Dil. Factor: 1000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-27-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 4  
 Lims Batch ID: 79231 Lims Sample ID: 5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110420-4742.b\PCBS.m  
 Last Update: 20-Apr-2011 11:08:39 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 20-Apr-2011 12:04:00

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.184						
1	2		3.611						
1	3		4.397						
1	4		4.968						
1	5		5.520						
2	6		3.745						
2	7		4.324						
2	8		5.212						
2	9		5.646						
2	10		5.939						
10 PCB-1242									
1	1		3.185						
1	2		3.612						
1	3		4.484						
1	4		5.147						
1	5		5.624						
2	6		3.746						
2	7		4.323						
2	8		5.213						
2	9		6.612						
2	10		7.001						
6 PCB-1248									
1	1		3.609						
1	2		4.218						
1	3		5.087						
1	4		5.621						
1	5		6.507						
2	6		4.322						
2	7		5.208						
2	8		5.938						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.622						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.843						
2	6		6.607						
2	7		6.924						
2	8		7.830						
2	9		8.342						
2	10		9.287						

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

11 PCB-1260

1	1	6.799	6.801	-0.002	160498825	1639.2		100.0	
1	2	7.291	7.294	-0.003	272507223	1828.7	121.7- 181.7	169.8	
1	3	7.530	7.532	-0.002	102042750	1706.3	30.7- 90.7	63.6	
1	4	7.840	7.843	-0.003	305679094	1961.6	128.0- 188.0	190.5	
1	5	8.594	8.596	-0.002	134495324	1443.1	64.6- 124.6	83.8	
Average of Peak Amounts =						1715.8			
2	6	7.906	7.908	-0.002	37162549	1370.7		100.0	
2	7	8.270	8.272	-0.002	82751678	1534.3	175.0- 235.0	222.7	
2	8	8.696	8.698	-0.002	107957821	1677.3	212.3- 272.3	290.5	
2	9	9.415	9.417	-0.002	57451252	1211.3	147.4- 207.4	154.6	
2	10	9.806	9.808	-0.002	61979415	1193.4	163.3- 223.3	166.8	
Average of Peak Amounts =						1397.4			

RPD = 20.45

\$ 3 Dibutylchloroendate

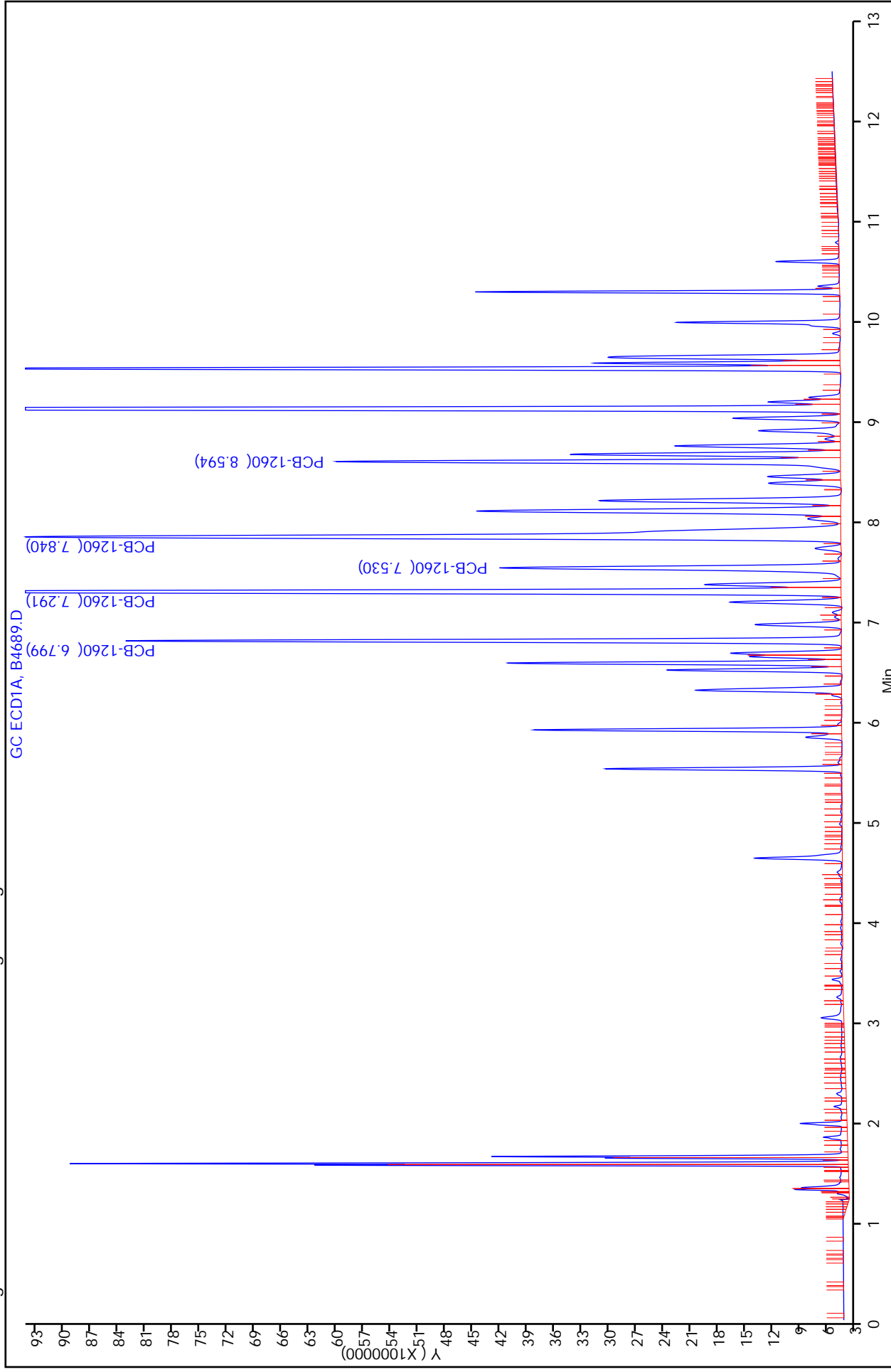
1	1	9.593
2	2	10.319

\$ 2 DCB Decachlorobiphenyl

1	1	10.788
2	2	11.642

Report Date: 20-Apr-2011 12:04:00 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\vaisvr08\ChromData\SGCA\20110420-4742.b\B4689.D  
Injection Date: 20-Apr-2011 11:10:27 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 7C Instrument ID: SGCA  
Lims Batch ID: 79231 Lims Sample ID: 5  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 20-Apr-2011 12:04:01

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4689.D

Injection Date: 20-Apr-2011 11:10:27

Limit Group: SGC - 1 - 8082 CAL

Client ID: 7C

Instrument ID: SGCA

Lims Batch ID: 79231

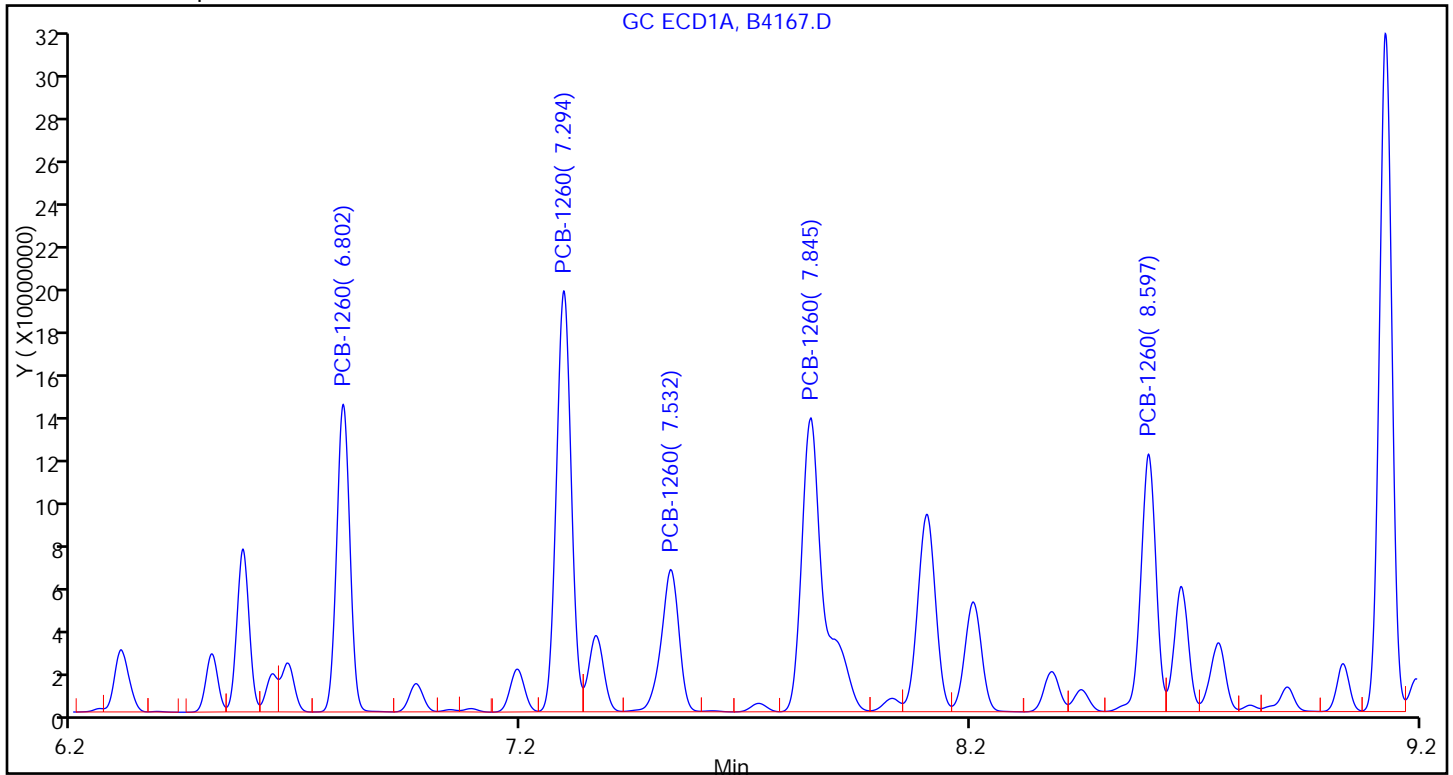
Lims Sample ID: 5

Operator ID:

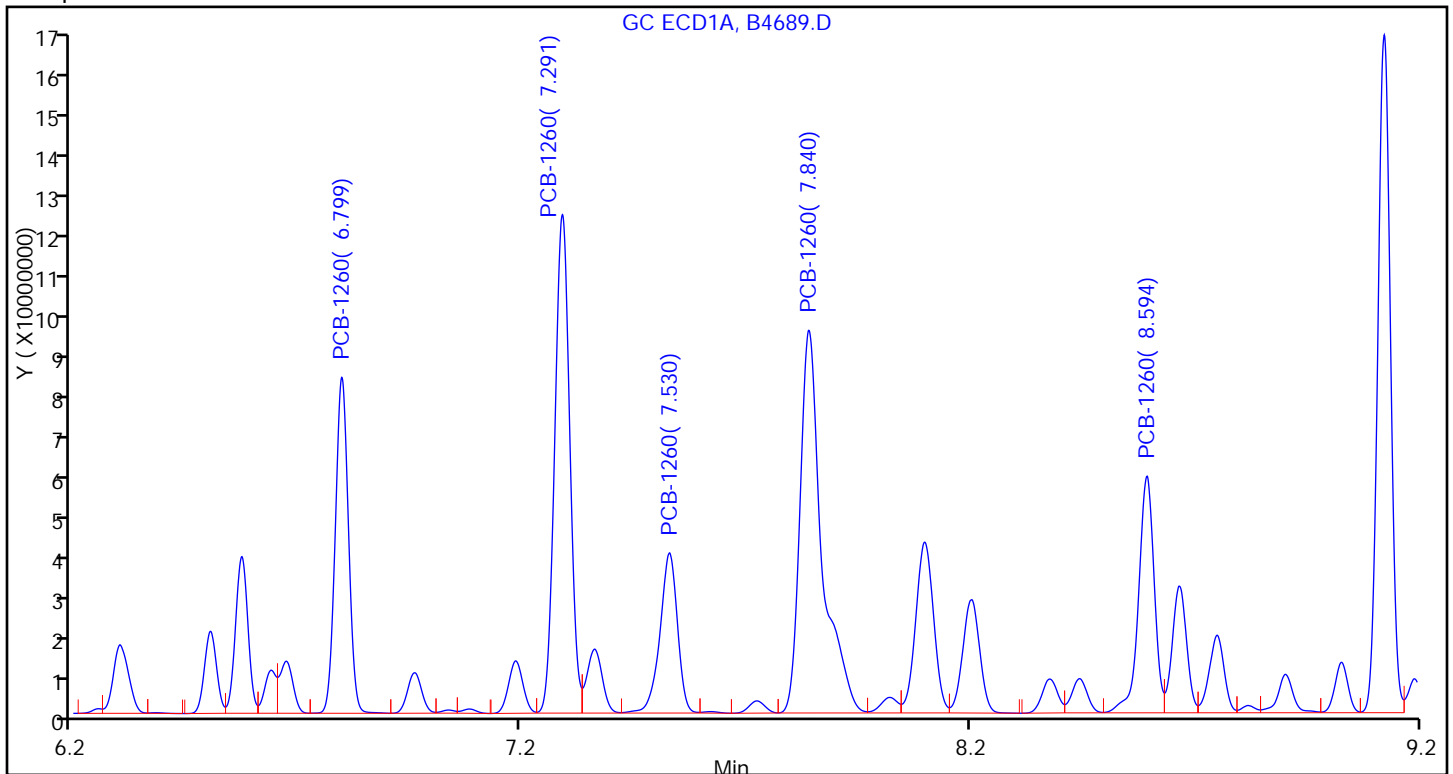
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 8C DL2 Lab Sample ID: 510-64148-28 DL2  
 Matrix: Solid Lab File ID: B4690.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 16:10  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.80(g) Date Analyzed: 04/20/2011 11:25  
 Con. Extract Vol.: 5(mL) Dilution Factor: 1000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 3.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79231 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<20		20	2.2
11104-28-2	PCB-1221	<20		20	5.9
11141-16-5	PCB-1232	<20		20	4.8
53469-21-9	PCB-1242	<20		20	3.7
12672-29-6	PCB-1248	<20		20	3.4
11097-69-1	PCB-1254	<20		20	3.2
11096-82-5	PCB-1260	530		20	1.6

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\20110420-4742.b\B4690.D  
 Lims ID: 510-64148-A-28-A Client ID: 8C  
 Inject. Date: 20-Apr-2011 11:25:38 Dil. Factor: 1000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-28-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 5  
 Lims Batch ID: 79231 Lims Sample ID: 6  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110420-4742.b\PCBS.m  
 Last Update: 20-Apr-2011 11:08:39 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 20-Apr-2011 12:04:20

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	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937



Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.184						
1	2		3.611						
1	3		4.397						
1	4		4.968						
1	5		5.520						
2	6		3.745						
2	7		4.324						
2	8		5.212						
2	9		5.646						
2	10		5.939						
10 PCB-1242									
1	1		3.185						
1	2		3.612						
1	3		4.484						
1	4		5.147						
1	5		5.624						
2	6		3.746						
2	7		4.323						
2	8		5.213						
2	9		6.612						
2	10		7.001						
6 PCB-1248									
1	1		3.609						
1	2		4.218						
1	3		5.087						
1	4		5.621						
1	5		6.507						
2	6		4.322						
2	7		5.208						
2	8		5.938						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.622						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.843						
2	6		6.607						
2	7		6.924						
2	8		7.830						
2	9		8.342						
2	10		9.287						

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

11 PCB-1260

1	1	6.800	6.801	-0.001	154023196	1570.2		100.0	
1	2	7.291	7.294	-0.003	259246509	1736.5	121.7- 181.7	168.3	
1	3	7.530	7.532	-0.002	97207502	1625.3	30.7- 90.7	63.1	
1	4	7.840	7.843	-0.003	289885846	1857.4	128.0- 188.0	188.2	
1	5	8.594	8.596	-0.002	127087351	1361.9	64.6- 124.6	82.5	
Average of Peak Amounts =						1630.3			
2	6	7.905	7.908	-0.003	34322356	1260.7		100.0	
2	7	8.270	8.272	-0.002	77382339	1430.0	175.0- 235.0	225.5	
2	8	8.696	8.698	-0.002	101148285	1564.8	212.3- 272.3	294.7	
2	9	9.415	9.417	-0.002	51190611	1074.2	147.4- 207.4	149.1	
2	10	9.806	9.808	-0.002	56406672	1081.0	163.3- 223.3	164.3	
Average of Peak Amounts =						1282.1			

RPD = 23.91

\$ 3 Dibutylchloroendate

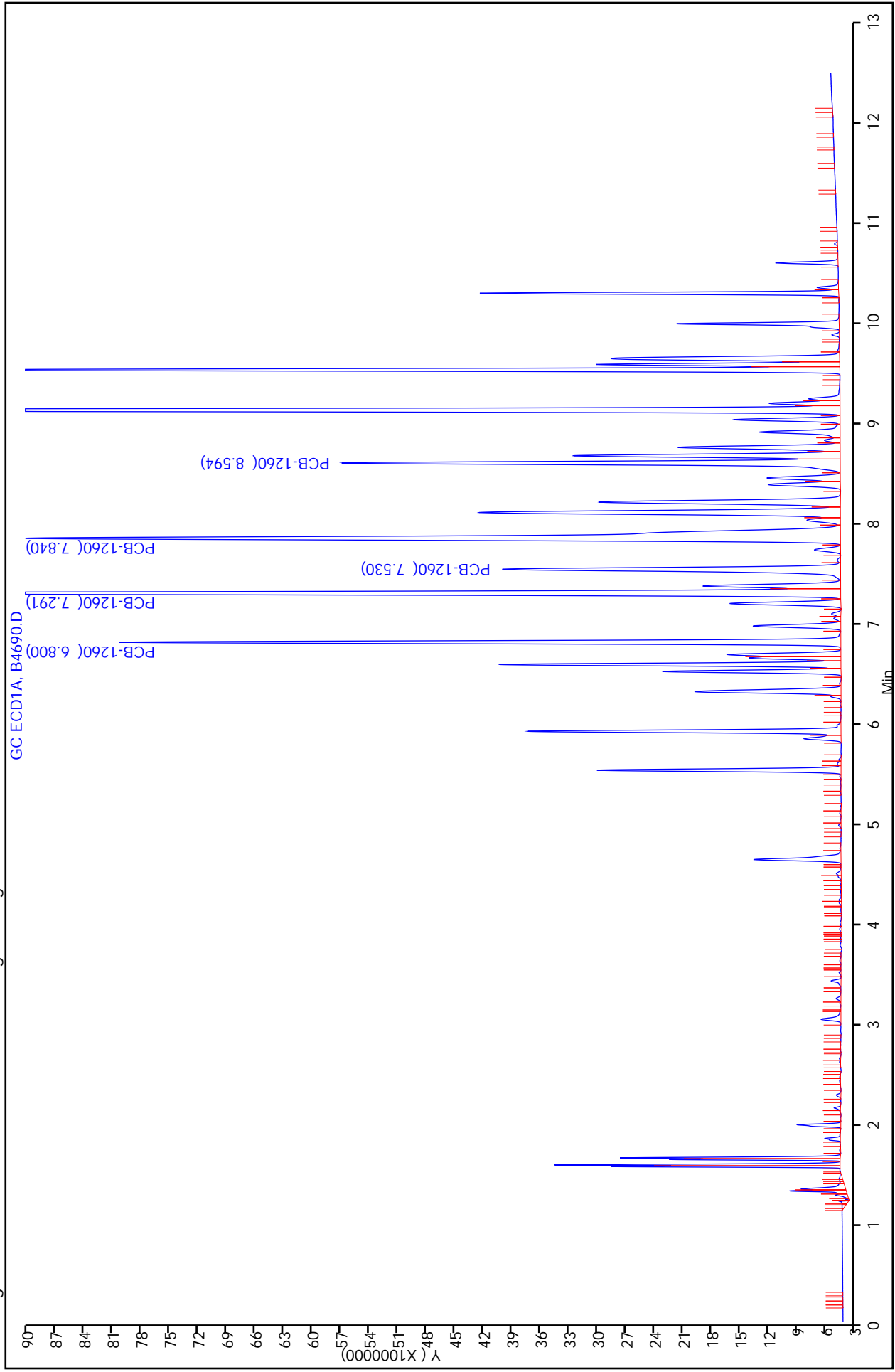
1	1	9.593
2	2	10.319

\$ 2 DCB Decachlorobiphenyl

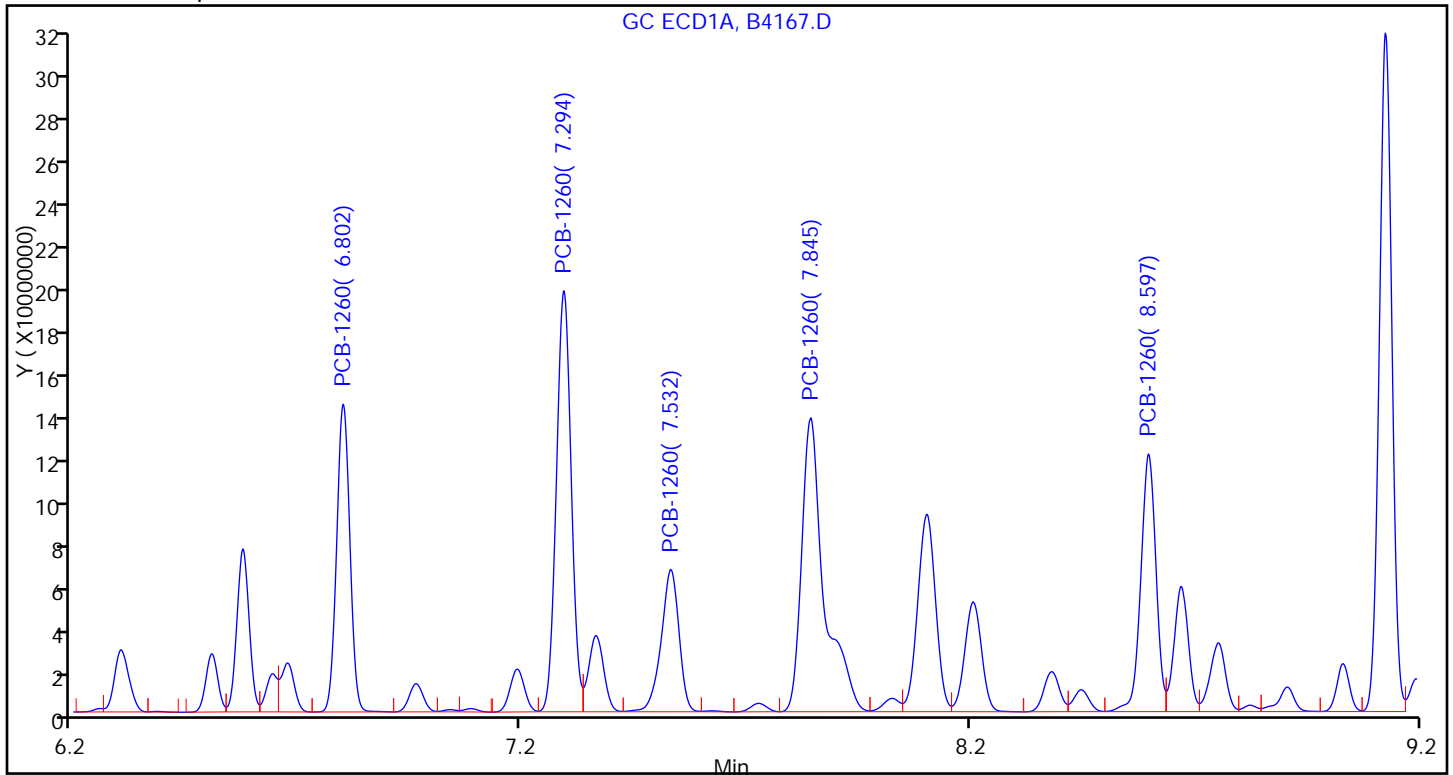
1	1	10.788
2	2	11.642

Report Date: 20-Apr-2011 12:04:20 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsrv08\ChromData\SGCA\20110420-4742.b\B4690.D  
Injection Date: 20-Apr-2011 11:25:38 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 8C Instrument ID: SGCA  
Lims Batch ID: 79231 Lims Sample ID: 6  
Operator ID: Injection Vol: 1.00 ul

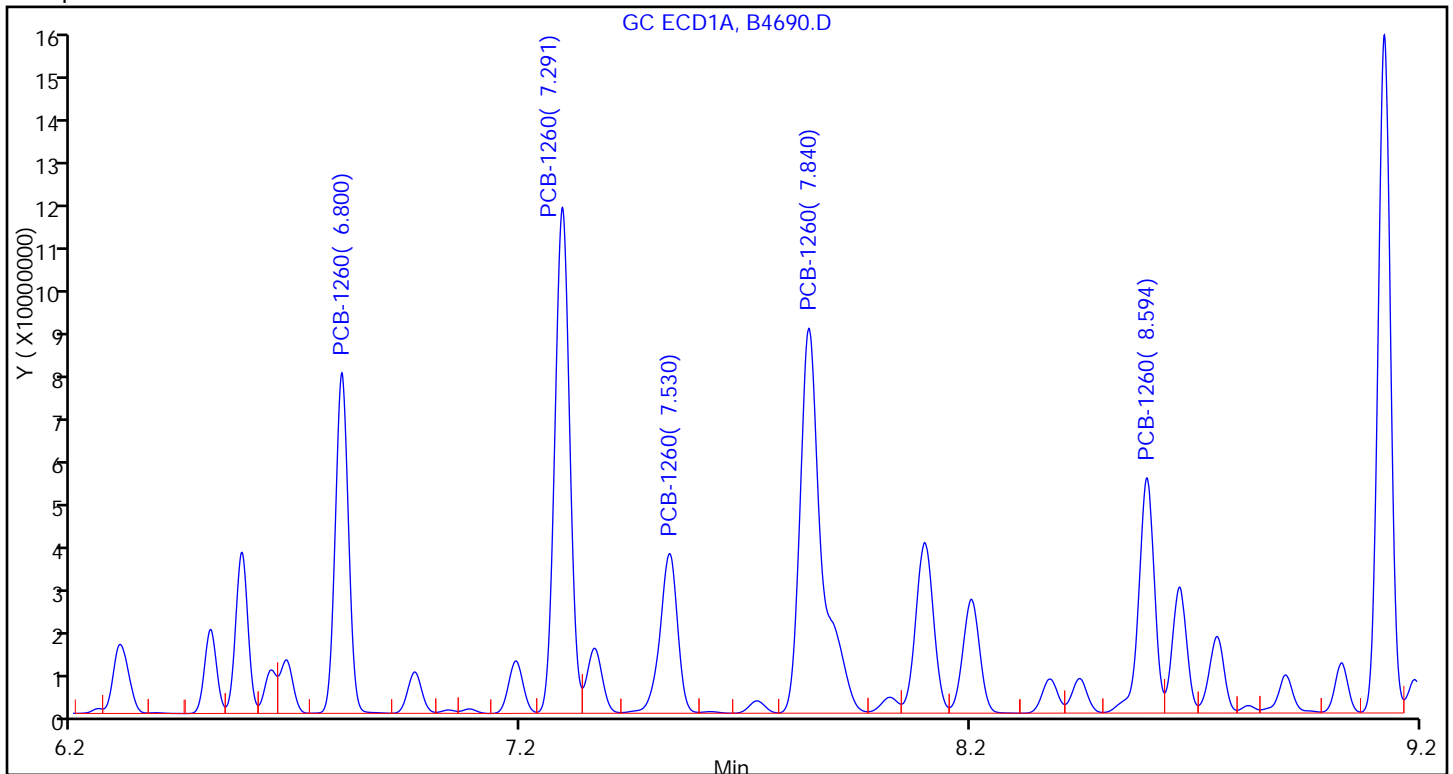
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 9C DL Lab Sample ID: 510-64148-29 DL  
 Matrix: Solid Lab File ID: B4673.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 16:20  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.50(g) Date Analyzed: 04/19/2011 15:25  
 Con. Extract Vol.: 5(mL) Dilution Factor: 500  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.3 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<10		10	1.1
11104-28-2	PCB-1221	<10		10	3.0
11141-16-5	PCB-1232	<10		10	2.5
53469-21-9	PCB-1242	<10		10	1.9
12672-29-6	PCB-1248	<10		10	1.7
11097-69-1	PCB-1254	<10		10	1.6
11096-82-5	PCB-1260	240		10	0.82

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\20110419-4736.b\B4673.D  
 Lims ID: 510-64148-A-29-A Client ID: 9C  
 Inject. Date: 19-Apr-2011 15:25:36 Dil. Factor: 500.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-29-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 20  
 Lims Batch ID: 79155 Lims Sample ID: 22  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 20-Apr-2011 10:00:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 20-Apr-2011 10:03:36

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4673.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.181						
1	2		3.608						
1	3		4.394						
1	4		4.965						
1	5		5.516						
2	6		3.742						
2	7		4.320						
2	8		5.210						
2	9		5.643						
2	10		5.936						
10 PCB-1242									
1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						
6 PCB-1248									
1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						
9 PCB-1254									
1	1		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.959						
1	5		7.842						
2	6		6.607						
2	7		6.925						
2	8		7.830						
2	9		8.341						
2	10		9.285						

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

11 PCB-1260

1	1	6.800	6.798	0.002	134859465	1367.6		100.0	
1	2	7.290	7.289	0.001	229947670	1533.9	121.7- 181.7	170.5	
1	3	7.530	7.528	0.002	85650724	1431.6	30.7- 90.7	63.5	
1	4	7.840	7.839	0.001	256666781	1639.3	128.0- 188.0	190.3	
1	5	8.595	8.593	0.002	112280843	1199.9	64.6- 124.6	83.3	
Average of Peak Amounts =						1434.5			
2	6	7.906	7.904	0.002	30234582	1103.8		100.0	
2	7	8.270	8.269	0.001	69290070	1273.9	175.0- 235.0	229.2	
2	8	8.695	8.695	0.000	91340447	1404.3	212.3- 272.3	302.1	
2	9	9.415	9.414	0.001	48886108	1024.0	147.4- 207.4	161.7	
2	10	9.807	9.806	0.001	52877219	1010.3	163.3- 223.3	174.9	
Average of Peak Amounts =						1163.3			

RPD = 20.88

\$ 3 Dibutylchloroendate

1	1	9.590							
2	2	10.317							

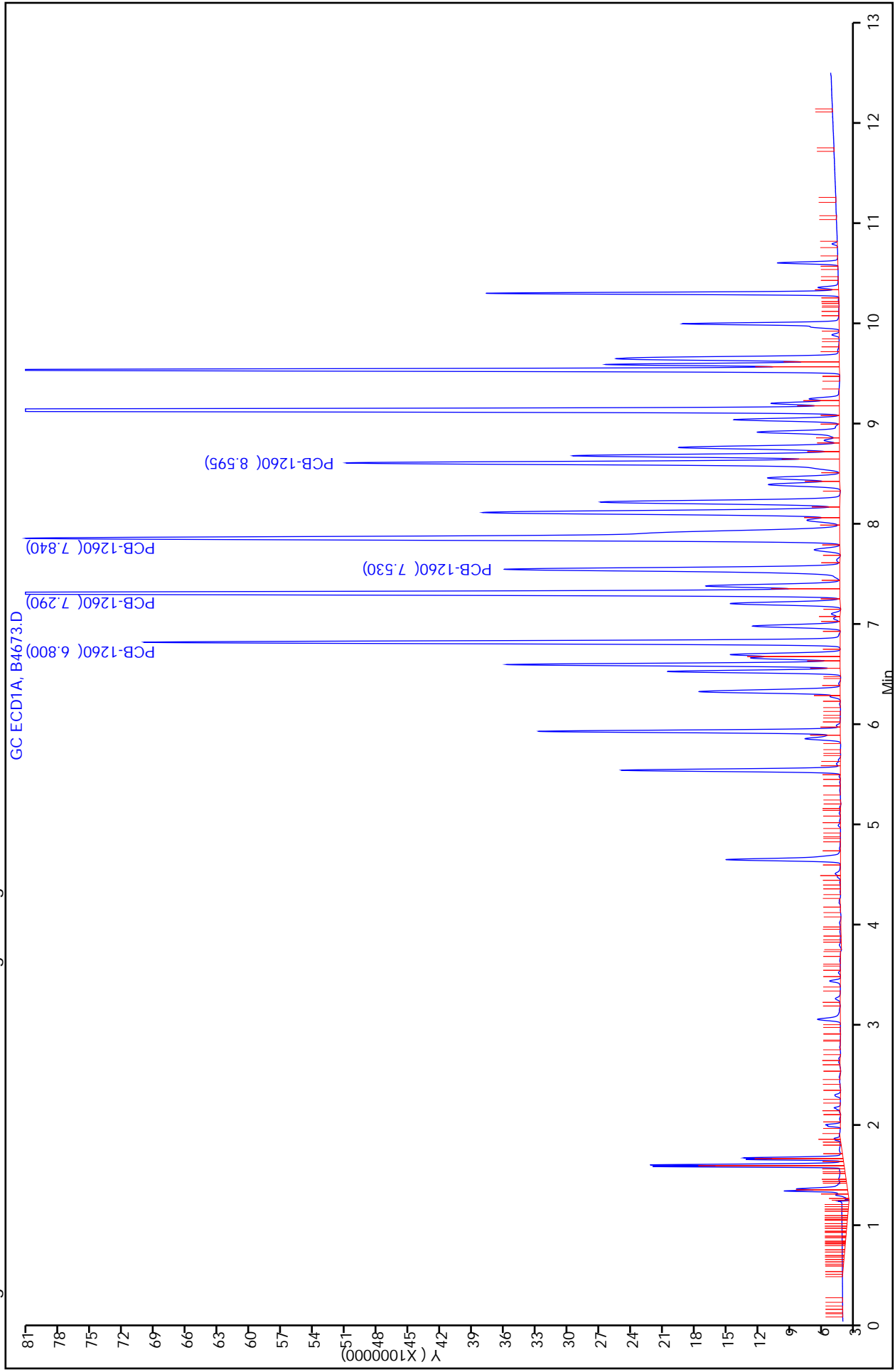
\$ 2 DCB Decachlorobiphenyl

1	1	10.785							
2	2	11.640							

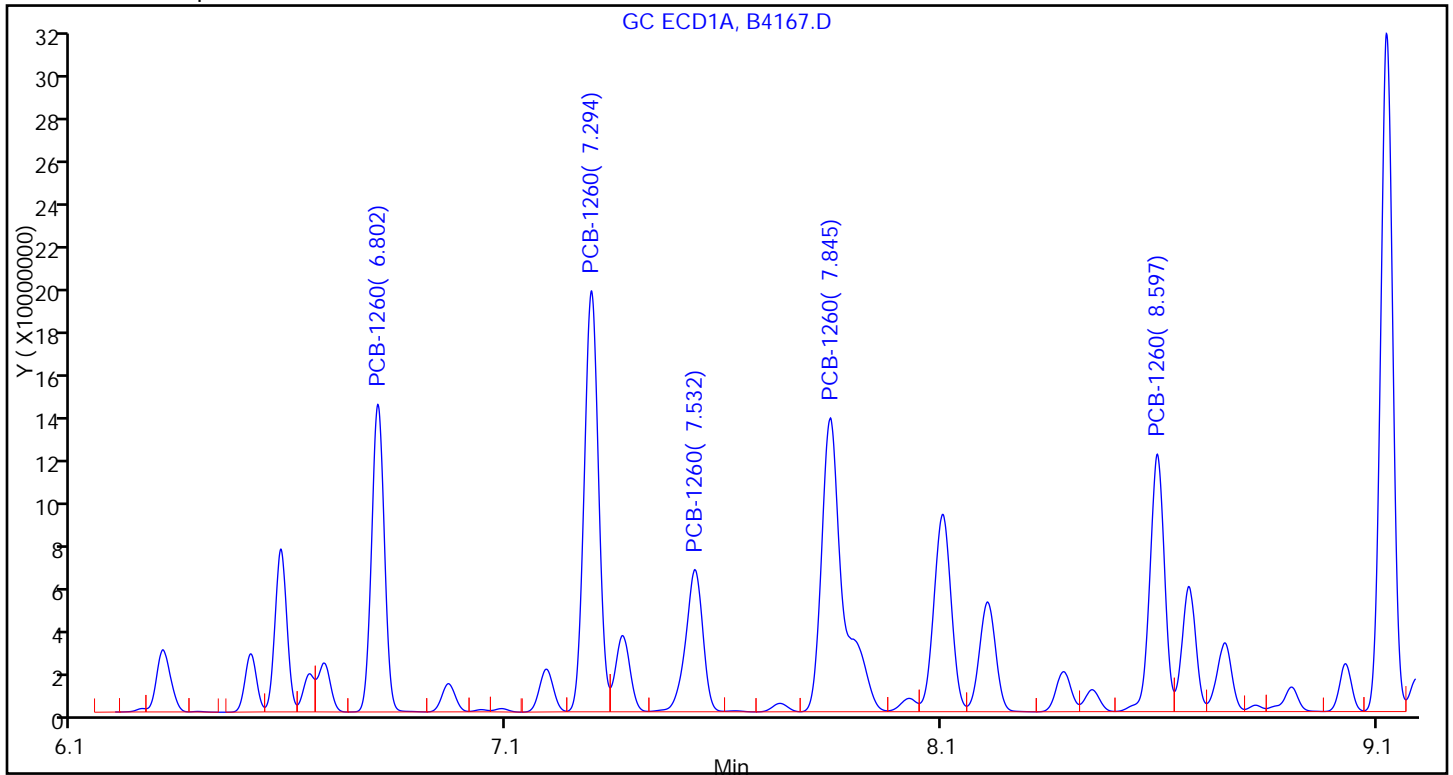


Report Date: 20-Apr-2011 10:03:36 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4673.D  
Injection Date: 19-Apr-2011 15:25:36 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 9C Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 22  
Operator ID: Injection Vol: 1.00 ul

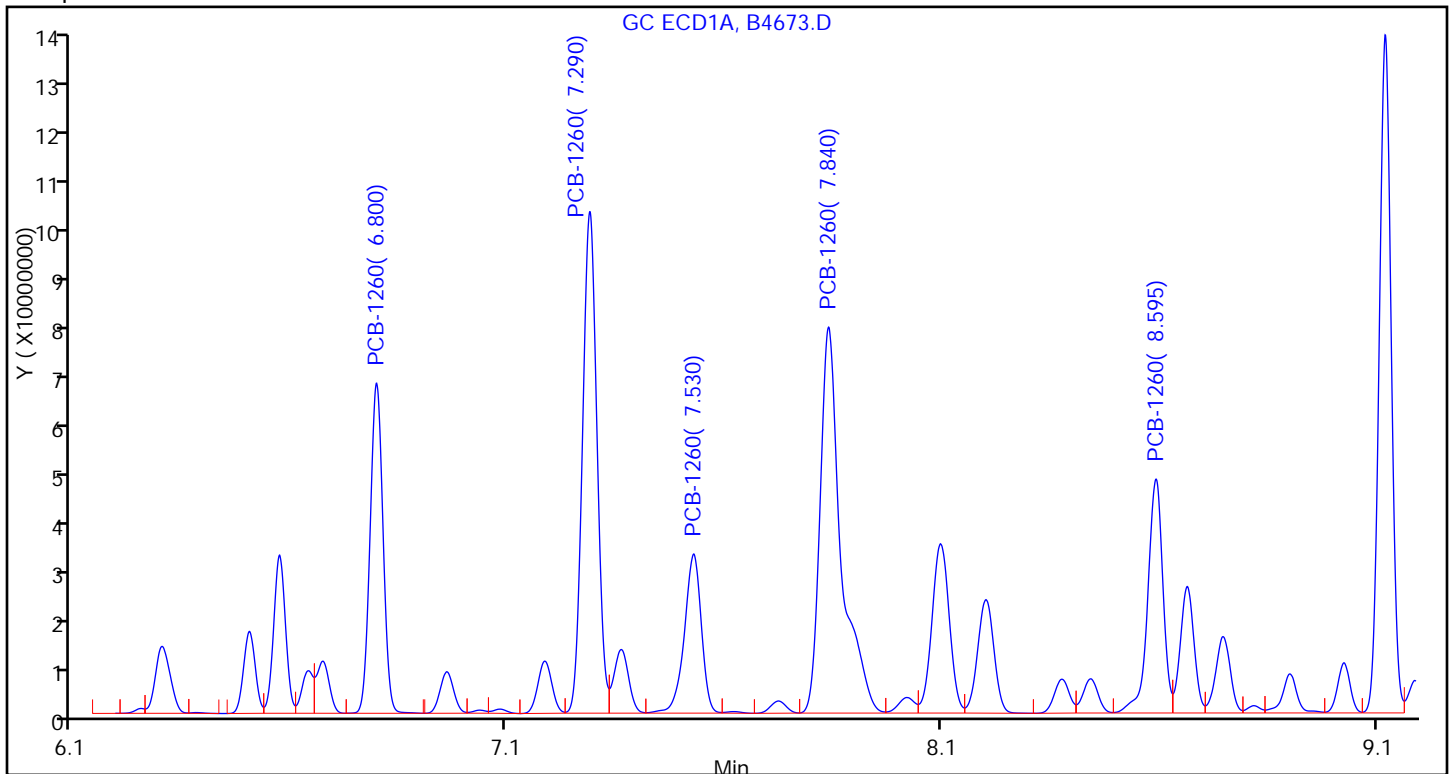
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration Sample, Level: 9



Sample



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 10C DL2 Lab Sample ID: 510-64148-30 DL2  
 Matrix: Solid Lab File ID: B4691.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 16:30  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.52(g) Date Analyzed: 04/20/2011 11:40  
 Con. Extract Vol.: 5(mL) Dilution Factor: 5000  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 4.7 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79231 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<100		100	12
11104-28-2	PCB-1221	<100		100	31
11141-16-5	PCB-1232	<100		100	25
53469-21-9	PCB-1242	<100		100	19
12672-29-6	PCB-1248	<100		100	17
11097-69-1	PCB-1254	<100		100	16
11096-82-5	PCB-1260	2100		100	8.3

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\20110420-4742.b\B4691.D  
 Lims ID: 510-64148-A-30-A Client ID: 10C  
 Inject. Date: 20-Apr-2011 11:40:48 Dil. Factor: 5000.0000  
 Sample Type: Client  
 Sample ID: 510-64148-a-30-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 6  
 Lims Batch ID: 79231 Lims Sample ID: 7  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110420-4742.b\PCBS.m  
 Last Update: 20-Apr-2011 11:08:39 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 20-Apr-2011 12:04:45

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

5 PCB-1221

1	1	2.269
1	2	2.968
1	3	3.136
1	4	3.184
1	5	4.625
2	6	2.533
2	7	2.964
2	8	3.465
2	9	3.660
2	10	3.745

7 PCB-1232

1	1	2.966
1	2	3.182
1	3	3.609
1	4	4.395
1	5	4.481
2	6	2.532
2	7	3.744
2	8	4.321
2	9	5.211
2	10	5.937

Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4691.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1		3.184						
1	2		3.611						
1	3		4.397						
1	4		4.968						
1	5		5.520						
2	6		3.745						
2	7		4.324						
2	8		5.212						
2	9		5.646						
2	10		5.939						
10 PCB-1242									
1	1		3.185						
1	2		3.612						
1	3		4.484						
1	4		5.147						
1	5		5.624						
2	6		3.746						
2	7		4.323						
2	8		5.213						
2	9		6.612						
2	10		7.001						
6 PCB-1248									
1	1		3.609						
1	2		4.218						
1	3		5.087						
1	4		5.621						
1	5		6.507						
2	6		4.322						
2	7		5.208						
2	8		5.938						
2	9		6.609						
2	10		7.000						
9 PCB-1254									
1	1		5.622						
1	2		6.322						
1	3		6.507						
1	4		6.959						
1	5		7.843						
2	6		6.607						
2	7		6.924						
2	8		7.830						
2	9		8.342						
2	10		9.287						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
11 PCB-1260										
1	1	6.800	6.801	-0.001	117693049	1187.7		100.0		
1	2	7.292	7.294	-0.002	198466544	1317.9	121.7- 181.7	168.6		
1	3	7.530	7.532	-0.002	73664752	1230.7	30.7- 90.7	62.6		
1	4	7.842	7.843	-0.001	221957468	1412.6	128.0- 188.0	188.6		
1	5	8.595	8.596	-0.001	98578004	1050.6	64.6- 124.6	83.8		
		Average of Peak Amounts =				1239.9				
2	6	7.906	7.908	-0.002	27369706	994.7		100.0		
2	7	8.271	8.272	-0.001	61247350	1120.0	175.0- 235.0	223.8		
2	8	8.697	8.698	-0.001	79709657	1216.3	212.3- 272.3	291.2		
2	9	9.415	9.417	-0.002	42945072	895.4	147.4- 207.4	156.9		
2	10	9.807	9.808	-0.001	46495867	883.3	163.3- 223.3	169.9		
		Average of Peak Amounts =				1022.0				
						RPD = 19.27				

\$ 3 Dibutylchloroendate

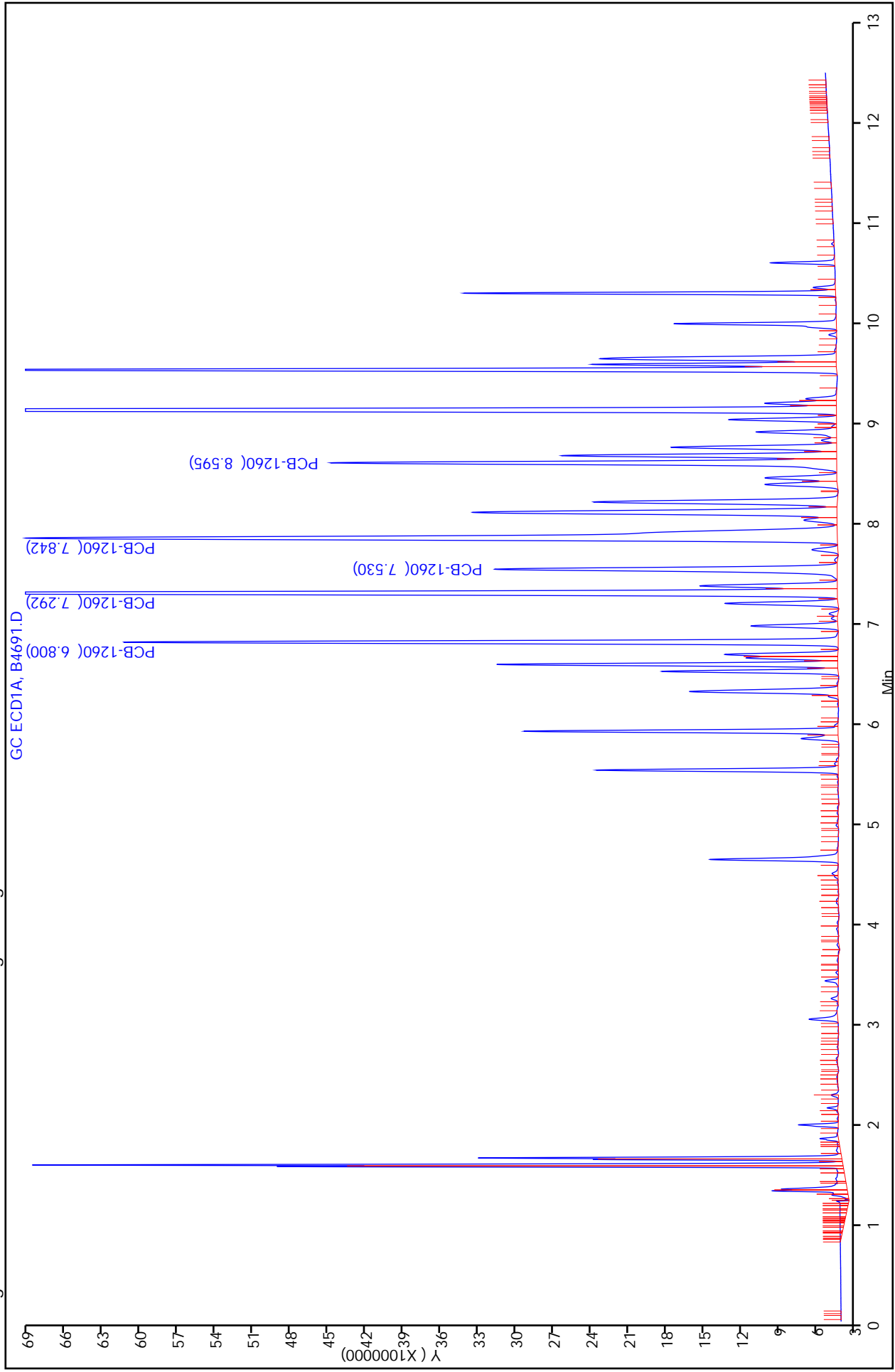
1	1	9.593
2	2	10.319

\$ 2 DCB Decachlorobiphenyl

1	1	10.788
2	2	11.642

Report Date: 20-Apr-2011 12:04:45 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\vaisvr08\ChromData\SGCA\20110420-4742.b\B4691.D  
Injection Date: 20-Apr-2011 11:40:48 Limit Group: SGC - 1 - 8082 CAL  
Client ID: 10C Instrument ID: SGCA  
Lims Batch ID: 79231 Lims Sample ID: 7  
Operator ID: Injection Vol: 1.00 ul

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



Report Date: 20-Apr-2011 12:04:45

Chrom Revision: 1.2 17-Feb-2011 18:05:56

Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4691.D

Injection Date: 20-Apr-2011 11:40:48

Limit Group: SGC - 1 - 8082 CAL

Client ID: 10C

Instrument ID: SGCA

Lims Batch ID: 79231

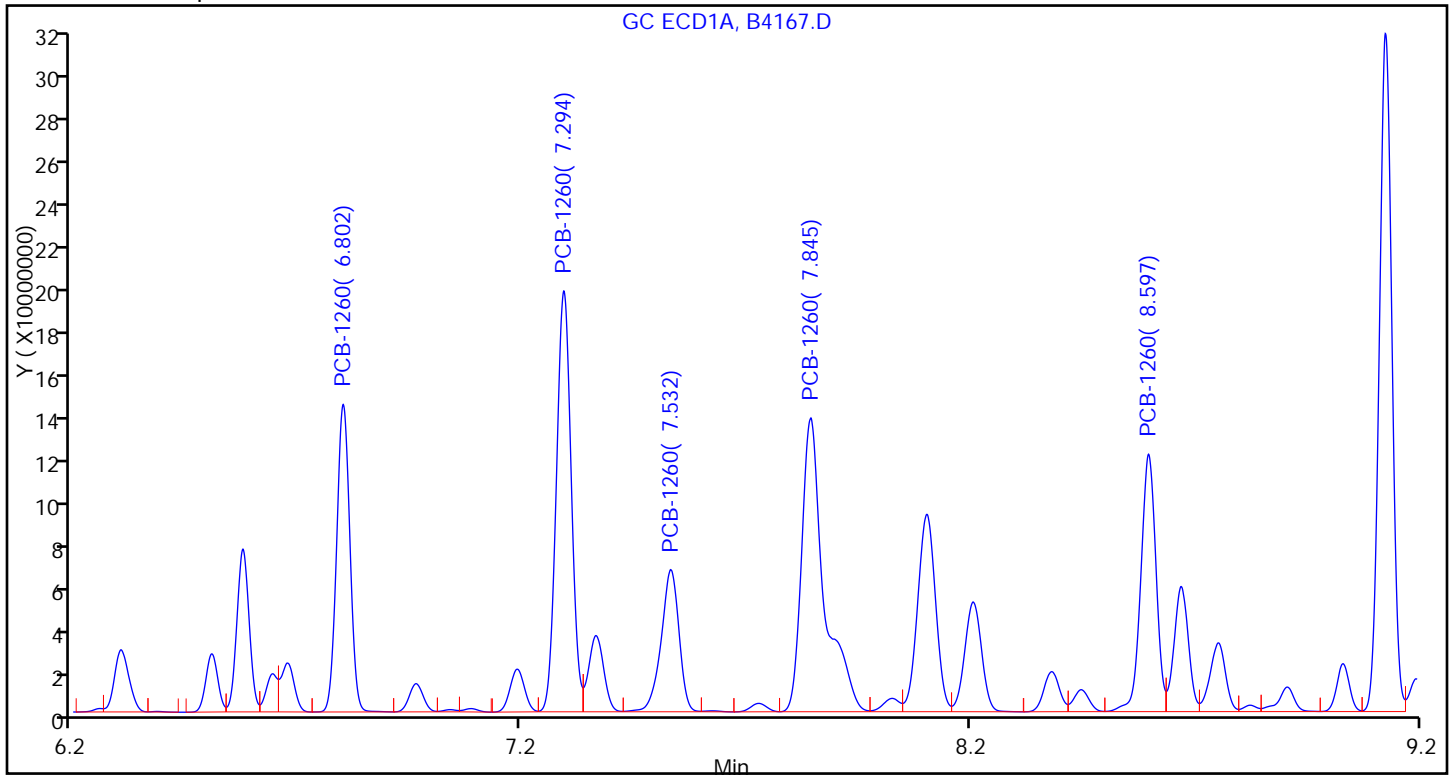
Lims Sample ID: 7

Operator ID:

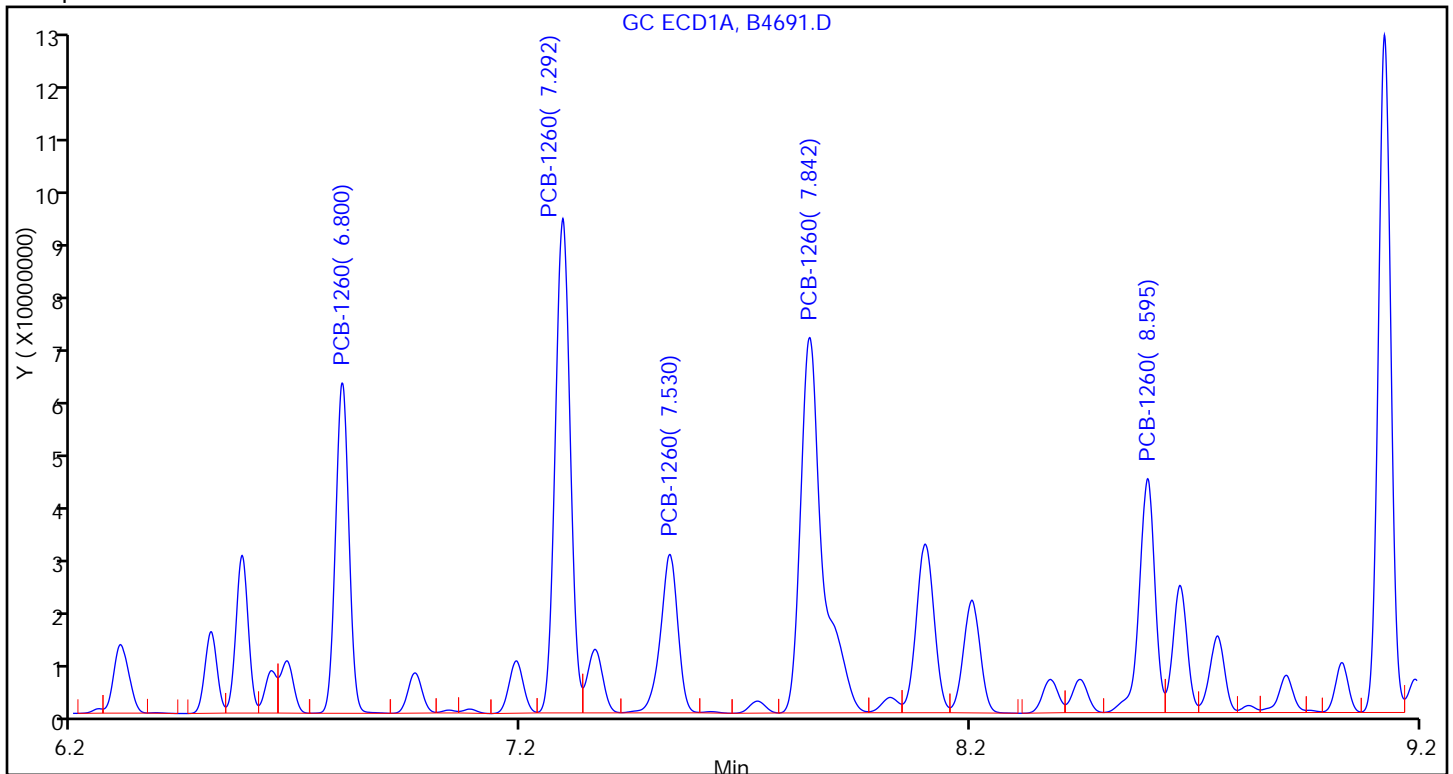
Injection Vol: 1.00 ul

11 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 9



Sample





FORM VI  
PCBS INITIAL CALIBRATION DATA  
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 09:13 Calibration End Date: 03/10/2011 11:15 Calibration ID: 3798

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD10 510-77152/1	B4159.D
Level 2	STD50 510-77152/2	B4160.D
Level 3	STD100 510-77152/3	B4161.D
Level 4	STD250 510-77152/4	B4162.D
Level 5	STD500 510-77152/5	B4163.D
Level 6	STD1000 510-77152/6	B4164.D
Level 7	STD1500 510-77152/7	B4165.D
Level 8	STD2000 510-77152/8	B4166.D
Level 9	STD3000 510-77152/9	B4167.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	+++++	3.187	3.186	3.185	3.185	3.187	3.186	3.185	3.184		3.083 - 3.283	3.186
PCB-1016 Peak 2	+++++	3.614	3.613	3.613	3.613	3.616	3.615	3.612	3.612		3.512 - 3.712	3.614
PCB-1016 Peak 3	+++++	4.400	4.399	4.398	4.399	4.400	4.400	4.398	4.398		4.298 - 4.498	4.399
PCB-1016 Peak 4	+++++	4.971	4.970	4.969	4.970	4.972	4.971	4.969	4.969		4.869 - 5.069	4.970
PCB-1016 Peak 5	+++++	5.525	5.523	5.522	5.522	5.524	5.523	5.522	5.522		5.422 - 5.622	5.523
PCB-1260 Peak 1	+++++	6.805	6.803	6.803	6.803	6.804	6.804	6.802	6.802		6.703 - 6.903	6.804
PCB-1260 Peak 2	+++++	7.297	7.295	7.294	7.295	7.296	7.295	7.294	7.294		7.195 - 7.395	7.295
PCB-1260 Peak 3	+++++	7.537	7.533	7.534	7.532	7.536	7.536	7.533	7.532		7.434 - 7.634	7.534
PCB-1260 Peak 4	+++++	7.848	7.846	7.845	7.845	7.847	7.846	7.844	7.845		7.745 - 7.945	7.846
PCB-1260 Peak 5	+++++	8.600	8.598	8.598	8.598	8.598	8.599	8.597	8.597		8.498 - 8.698	8.599
Dibutylchloroendate			9.595	9.596	9.595	9.595	9.595				9.493 - 9.693	9.595
DCB Decachlorobiphenyl			10.788	10.788	10.789	10.789	10.789				10.687 - 10.887	10.789

FORM VI  
PCBS INITIAL CALIBRATION DATA  
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 09:13 Calibration End Date: 03/10/2011 11:15 Calibration ID: 3798

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD10 510-77152/1	B4159.D
Level 2	STD50 510-77152/2	B4160.D
Level 3	STD100 510-77152/3	B4161.D
Level 4	STD250 510-77152/4	B4162.D
Level 5	STD500 510-77152/5	B4163.D
Level 6	STD1000 510-77152/6	B4164.D
Level 7	STD1500 510-77152/7	B4165.D
Level 8	STD2000 510-77152/8	B4166.D
Level 9	STD3000 510-77152/9	B4167.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	++++ 39063 37706	49651 42285	48101 39476	40584 37953	Qua2	511055.711	40408.0564	-0.9667895						0.9970		0.9950
PCB-1016 Peak 2	++++ 84209 80963	102198 91852	103404 84915	87118 81445	Qua2	825633.076	88356.0806	-2.6822231						0.9970		0.9950
PCB-1016 Peak 3	++++ 68550 68606	81352 74561	83213 70269	70858 68207	Qua2	604090.857	71477.5684	-1.1263943						0.9970		0.9950
PCB-1016 Peak 4	++++ 53164 53248	62833 58846	63976 54374	55261 52785	Qua2	426421.419	55804.8500	-0.9962942						0.9970		0.9950
PCB-1016 Peak 5	++++ 33999 33245	40569 37141	40887 34386	35405 33180	Qua2	292790.794	35636.7426	-0.8996199						0.9970		0.9950
PCB-1260 Peak 1	++++ 96662 95901	112800 104963	117398 97192	99829 94654	Qua2	761188.542	101098.389	-2.2253434						0.9970		0.9950
PCB-1260 Peak 2	++++ 146576 147362	170727 159199	179189 148425	151211 145532	Qua2	1166828.53	153156.177	-2.6131265						0.9960		0.9950
PCB-1260 Peak 3	++++ 57012 59845	64099 63661	67329 59753	58265 58764	Qua2	309526.943	59569.5427	0.03034495						0.9970		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 EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 09:13 Calibration End Date: 03/10/2011 11:15 Calibration ID: 3798

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	++++ 151325 155370	172250 165824	185614 155097	156607 152949	Qua2	982767.114	159242.717	-1.9930744						0.9960		0.9950
PCB-1260 Peak 5	++++ 90085 92063	107816 99272	110590 92054	94055 90722	Qua2	842066.208	94139.2011	-1.0565583						0.9970		0.9950
Dibutylchloroendate	1739126	2060516	2274117 2049122	1651953	Qua2	12975159.4	882658.930	9318.11922						0.9980		0.9950
DCB Decachlorobiphenyl	1439026	1552983	2116492 1475797	1458581	Qua2	9063268.14	1189135.44	2055.05156						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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 09:13 Calibration End Date: 03/10/2011 11:15 Calibration ID: 3798

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD10 510-77152/1	B4159.D
Level 2	STD50 510-77152/2	B4160.D
Level 3	STD100 510-77152/3	B4161.D
Level 4	STD250 510-77152/4	B4162.D
Level 5	STD500 510-77152/5	B4163.D
Level 6	STD1000 510-77152/6	B4164.D
Level 7	STD1500 510-77152/7	B4165.D
Level 8	STD2000 510-77152/8	B4166.D
Level 9	STD3000 510-77152/9	B4167.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	++++ 42284726	2482563 59214208	4810127 75905489	10145995 113116803	19531672	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 2	Qua2	++++ 91852019	5109912 127372543	10340442 162890900	21779527 242888594	42104357	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 3	Qua2	++++ 74560705	4067622 105402991	8321323 136413417	17714599 205818675	34274984	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 4	Qua2	++++ 58845532	3141644 81561587	6397580 105570634	13815302 159744293	26581964	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1016 Peak 5	Qua2	++++ 37140550	2028442 51578567	4088683 66359168	8851227 99733859	16999268	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 1	Qua2	++++ 104963484	5640008 145788380	11739836 189308153	24957134 287702825	48331086	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 2	Qua2	++++ 159199255	8536351 222636955	17918921 291064724	37802801 442086903	73288030	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 3	Qua2	++++ 63660522	3204963 89629555	6732868 117528954	14566243 179534037	28506200	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 4	Qua2	++++ 165824004	8612522 232645401	18561410 305898768	39151679 466109443	75662528	++++ 1000	50.0 1500	100 2000	250 3000	500
PCB-1260 Peak 5	Qua2	++++ 99272294	5390807 138081037	11058967 181444554	23513806 276189217	45042683	++++ 1000	50.0 1500	100 2000	250 3000	500
Dibutylchloroendate	Qua2			22741172	99117209	139130086			10.0	60.0	80.0
DCB Decachlorobiphenyl	Qua2			21164921	87514849	115122055			10.0	60.0	80.0
		206051571	245894676				100	120			
		155298300	177095608				100	120			

Curve Type Legend:

Qua2 = Quadratic 1/conc^2

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4159.D  
 Lims ID: std10 Client ID:  
 Inject. Date: 10-Mar-2011 09:13:47 Dil. Factor: 1.0000  
 Sample Type: IC Calib Level: 1  
 Sample ID: std10  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 1  
 Lims Batch ID: 77152 Lims Sample ID: 1  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:18:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:18:45

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

4 PCB-1016

1	1	3.187	3.183	0.004	826774	7.81		100.0	
1	2	3.614	3.612	0.002	1814887	11.2	187.2- 247.2	219.5	
1	3	4.400	4.398	0.002	1456782	11.9	146.3- 206.3	176.2	
1	4	4.972	4.969	0.003	1121343	12.5	109.2- 169.2	135.6	
1	5	5.524	5.522	0.002	706888	11.6	57.8- 117.8	85.5	
Average of Peak Amounts =						11.0			
2	6	3.748	3.746	0.002	473564	8.30		100.0	
2	7	4.326	4.324	0.002	1022807	9.60	192.3- 252.3	216.0	
2	8	5.218	5.214	0.004	784188	8.39	140.7- 200.7	165.6	
2	9	5.651	5.647	0.004	354211	8.30	47.3- 107.3	74.8	
2	10	5.943	5.942	0.001	625416	9.17	109.9- 169.9	132.1	
Average of Peak Amounts =						8.75			

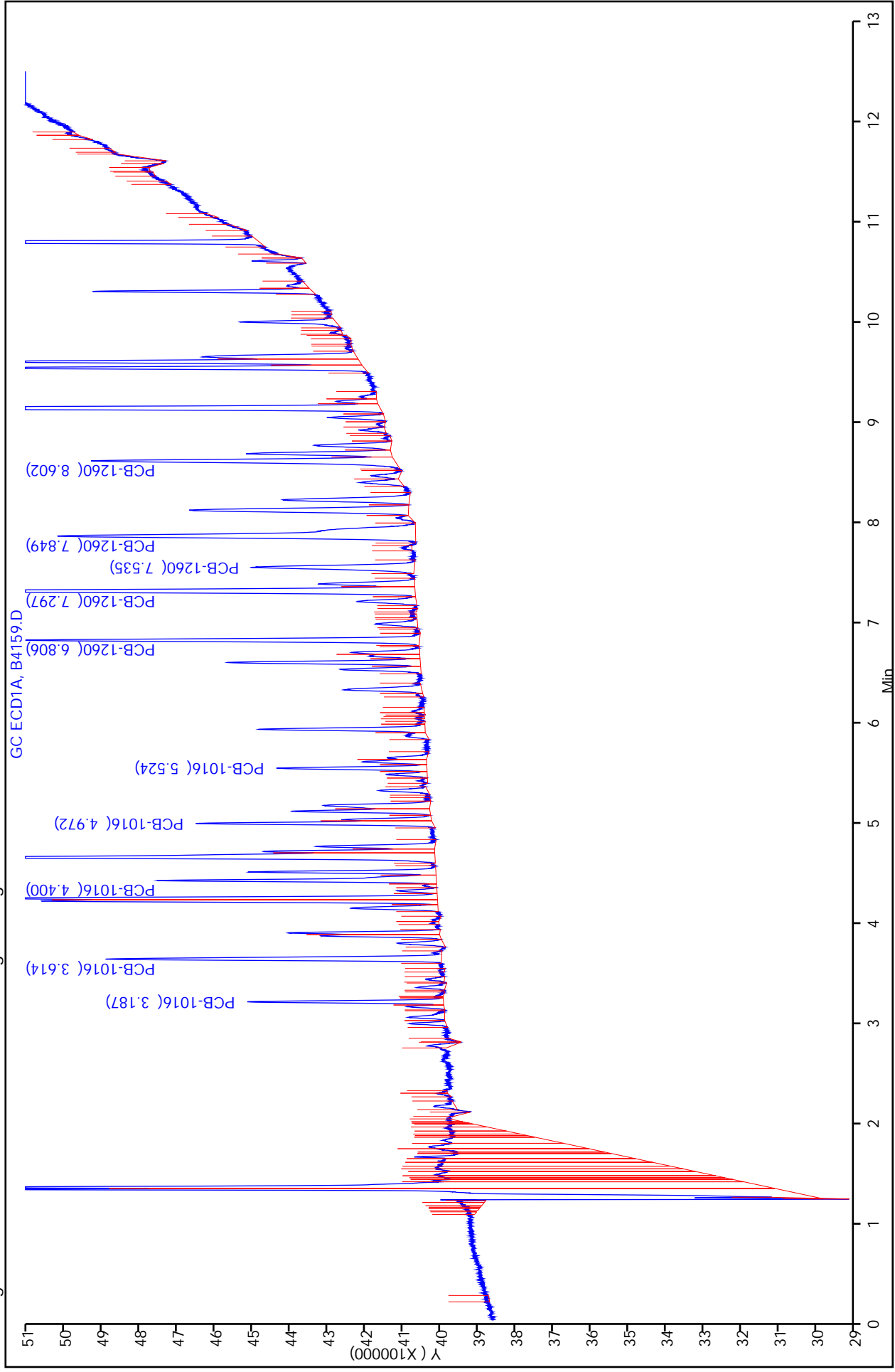
RPD = 22.81

11 PCB-1260

1	1	6.806	6.803	0.003	2058721	12.8		100.0	
1	2	7.297	7.295	0.002	3184350	13.2	121.7- 181.7	154.7	
1	3	7.535	7.534	0.001	1147142	14.1	30.7- 90.7	55.7	
1	4	7.849	7.845	0.004	3245622	14.2	128.0- 188.0	157.7	
1	5	8.602	8.598	0.004	1946065	11.7	64.6- 124.6	94.5	
Average of Peak Amounts =						13.2			
2	6	7.912	7.911	0.001	549868	8.33		100.0	
2	7	8.279	8.275	0.004	1204526	7.22	175.0- 235.0	219.1	
2	8	8.702	8.699	0.003	1509364	11.5	212.3- 272.3	274.5	
2	9	9.419	9.418	0.001	962787	12.4	147.4- 207.4	175.1	
2	10	9.810	9.809	0.001	1130143	11.7	163.3- 223.3	205.5	
Average of Peak Amounts =						10.2			

RPD = 25.26

Report Date: 11-Mar-2011 10:18:45  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4159.D  
 Injection Date: 10-Mar-2011 09:13:47  
 Client ID:  
 Lims Batch ID: 77152  
 Operator ID:  
 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 1  
 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\20110310-4506.b\B4160.D  
 Lims ID: std50 Client ID:  
 Inject. Date: 10-Mar-2011 09:28:58 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: 77152 Lims Sample ID: 2  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:18:57 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:18:57

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	3.187	3.183	0.004	2482563	48.8		100.0	
1	2	3.614	3.612	0.002	5109912	48.6	187.2- 247.2	205.8	
1	3	4.400	4.398	0.002	4067622	48.5	146.3- 206.3	163.8	
1	4	4.971	4.969	0.002	3141644	48.7	109.2- 169.2	126.5	
1	5	5.525	5.522	0.003	2028442	48.8	57.8- 117.8	81.7	
Average of Peak Amounts =						48.7			
2	6	3.749	3.746	0.003	1299299	48.5		100.0	
2	7	4.327	4.324	0.003	2794722	48.4	192.3- 252.3	215.1	
2	8	5.217	5.214	0.003	2163822	48.0	140.7- 200.7	166.5	
2	9	5.651	5.647	0.004	997277	47.7	47.3- 107.3	76.8	
2	10	5.944	5.942	0.002	1734319	48.2	109.9- 169.9	133.5	
Average of Peak Amounts =						48.2			

RPD = 1.03

11 PCB-1260

1	1	6.805	6.803	0.002	5640008	48.3		100.0	
1	2	7.297	7.295	0.002	8536351	48.2	121.7- 181.7	151.4	
1	3	7.537	7.534	0.003	3204963	48.6	30.7- 90.7	56.8	
1	4	7.848	7.845	0.003	8612522	47.9	128.0- 188.0	152.7	
1	5	8.600	8.598	0.002	5390807	48.3	64.6- 124.6	95.6	
Average of Peak Amounts =						48.3			
2	6	7.911	7.911	0.000	1657041	47.9		100.0	M
2	7	8.278	8.275	0.003	3471309	48.1	175.0- 235.0	209.5	M
2	8	8.703	8.699	0.004	3960430	47.9	212.3- 272.3	239.0	
2	9	9.420	9.418	0.002	2683809	47.8	147.4- 207.4	162.0	
2	10	9.811	9.809	0.002	3066495	47.9	163.3- 223.3	185.1	
Average of Peak Amounts =						47.9			

RPD = 0.76

QC Flag Legend

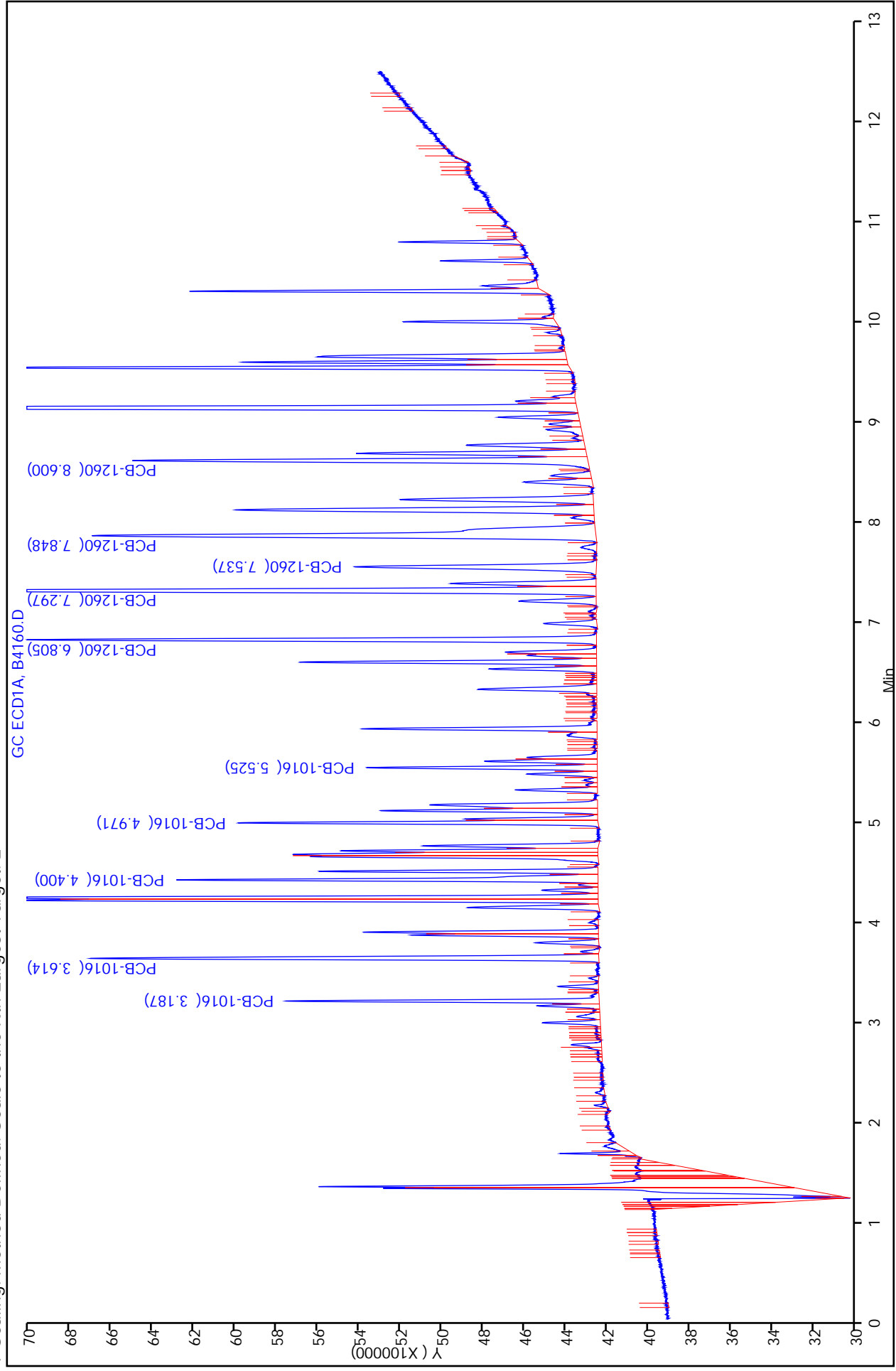
Review Flags

M - Manually Integrated



Report Date: 11-Mar-2011 10:18:57  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4160.D  
 Injection Date: 10-Mar-2011 09:28:58  
 Client ID:  
 Lims Batch ID: 77152  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 2  
 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\20110310-4506.b\B4161.D  
 Lims ID: std100 Client ID:  
 Inject. Date: 10-Mar-2011 09:44:02 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: 77152 Lims Sample ID: 3  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:19:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:19:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									M
1	1	3.186	3.183	0.003	4810127	106.7		100.0	M
1	2	3.613	3.612	0.001	10340442	108.0	187.2- 247.2	215.0	
1	3	4.399	4.398	0.001	8321323	108.2	146.3- 206.3	173.0	
1	4	4.970	4.969	0.001	6397580	107.2	109.2- 169.2	133.0	
1	5	5.523	5.522	0.001	4088683	106.8	57.8- 117.8	85.0	
Average of Peak Amounts =						107.4			
2	6	3.748	3.746	0.002	2528922	108.5		100.0	
2	7	4.327	4.324	0.003	5528218	108.6	192.3- 252.3	218.6	
2	8	5.216	5.214	0.002	4345917	110.9	140.7- 200.7	171.8	
2	9	5.649	5.647	0.002	2031219	111.3	47.3- 107.3	80.3	
2	10	5.942	5.942	0.000	3486709	110.1	109.9- 169.9	137.9	
Average of Peak Amounts =						109.9			
						RPD = 2.30			
11 PCB-1260									
1	1	6.803	6.803	0.000	11739836	108.9		100.0	
1	2	7.295	7.295	0.000	17918921	109.6	121.7- 181.7	152.6	
1	3	7.533	7.534	-0.001	6732868	107.8	30.7- 90.7	57.4	
1	4	7.846	7.845	0.001	18561410	110.5	128.0- 188.0	158.1	
1	5	8.598	8.598	0.000	11058967	108.7	64.6- 124.6	94.2	
Average of Peak Amounts =						109.1			
2	6	7.912	7.910	0.002	3394190	110.2		100.0	
2	7	8.275	8.274	0.001	6909111	110.4	175.0- 235.0	203.6	
2	8	8.700	8.699	0.001	8190701	110.8	212.3- 272.3	241.3	
2	9	9.419	9.418	0.001	5806894	112.1	147.4- 207.4	171.1	
2	10	9.809	9.809	0.000	6415359	110.6	163.3- 223.3	189.0	
Average of Peak Amounts =						110.8			
						RPD = 1.55			

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	9.595	9.593	0.002	22741172	10.0			
2	2	10.320	10.319	0.001	9985116	10.0			
							RPD =	0.03	

\$ 2 DCB Decachlorobiphenyl

1	1	10.788	10.787	0.001	21164921	10.0			
2	2	11.643	11.642	0.001	12638214	10.0			
							RPD =	0.01	

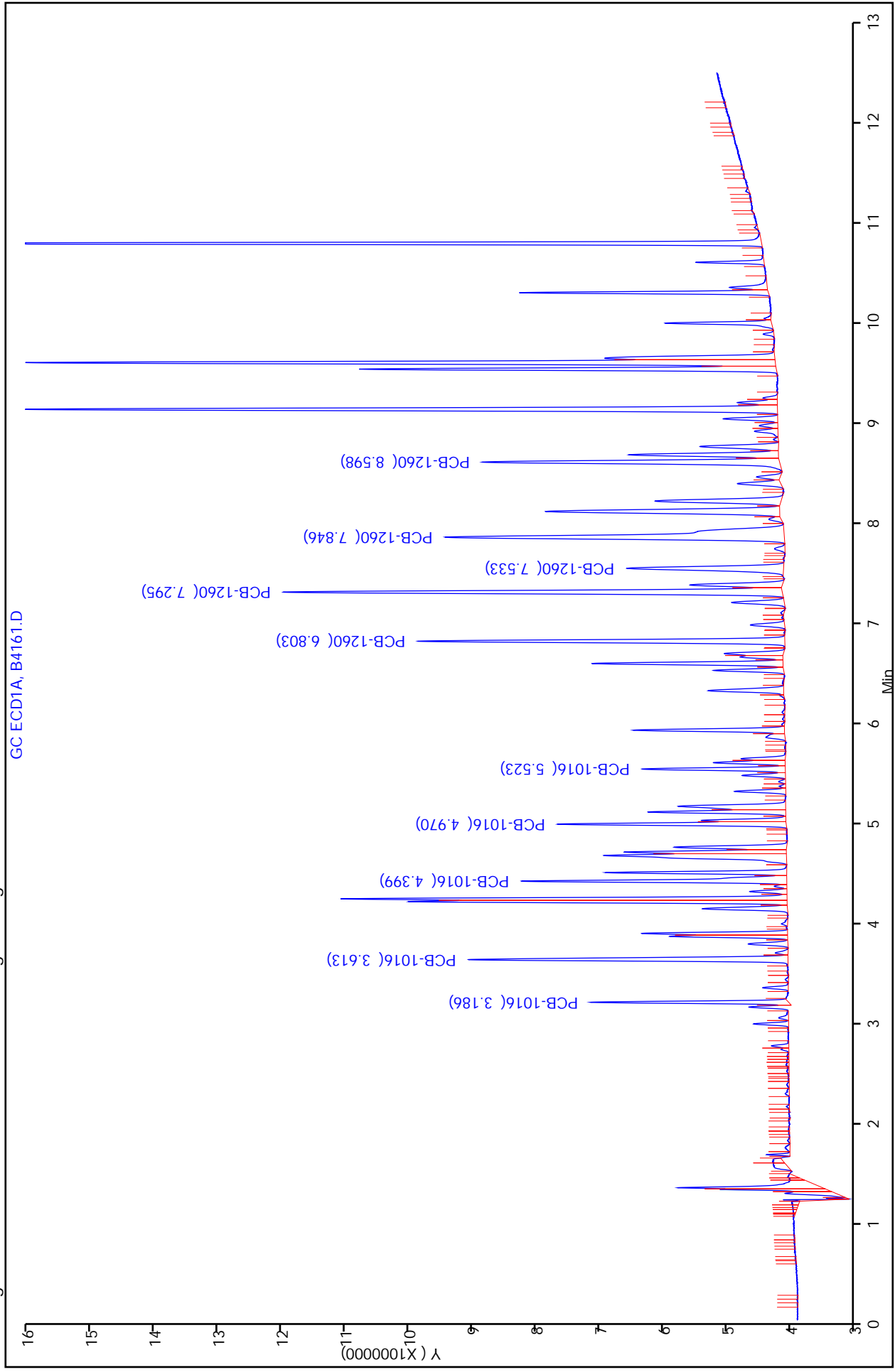
QC Flag Legend

Review Flags

M - Manually Integrated

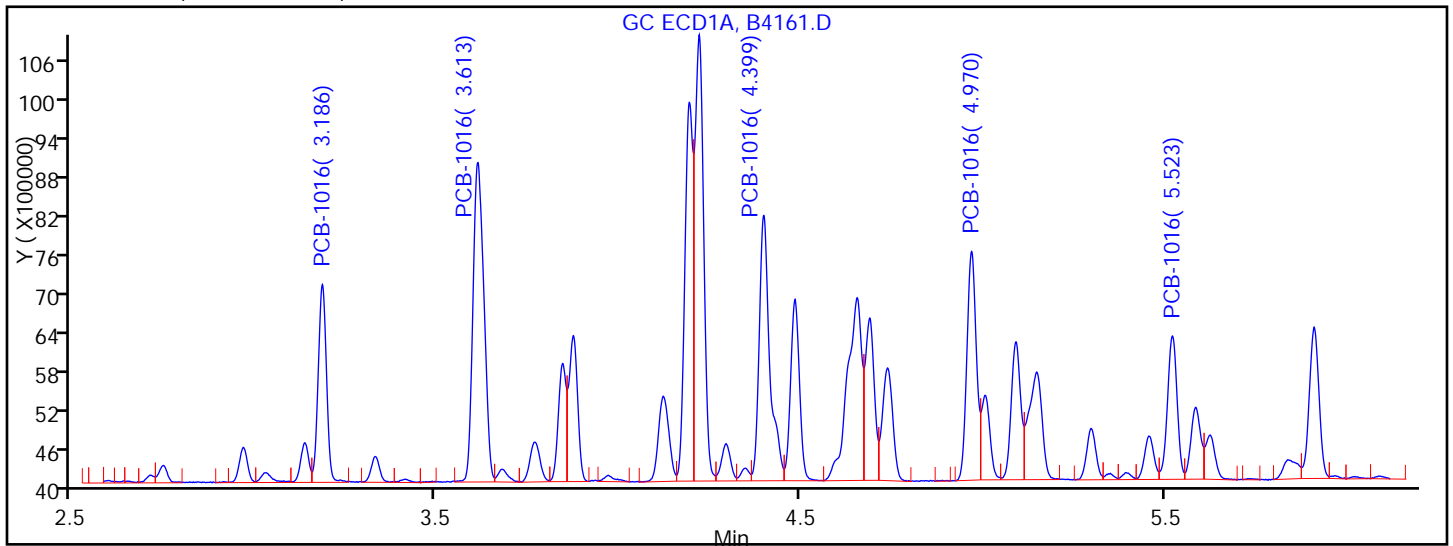
Report Date: 11-Mar-2011 10:19:10 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4161.D  
Injection Date: 10-Mar-2011 09:44:02 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 77152 Lims Sample ID: 3  
Operator ID: Injection Vol: 1.00 ul

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



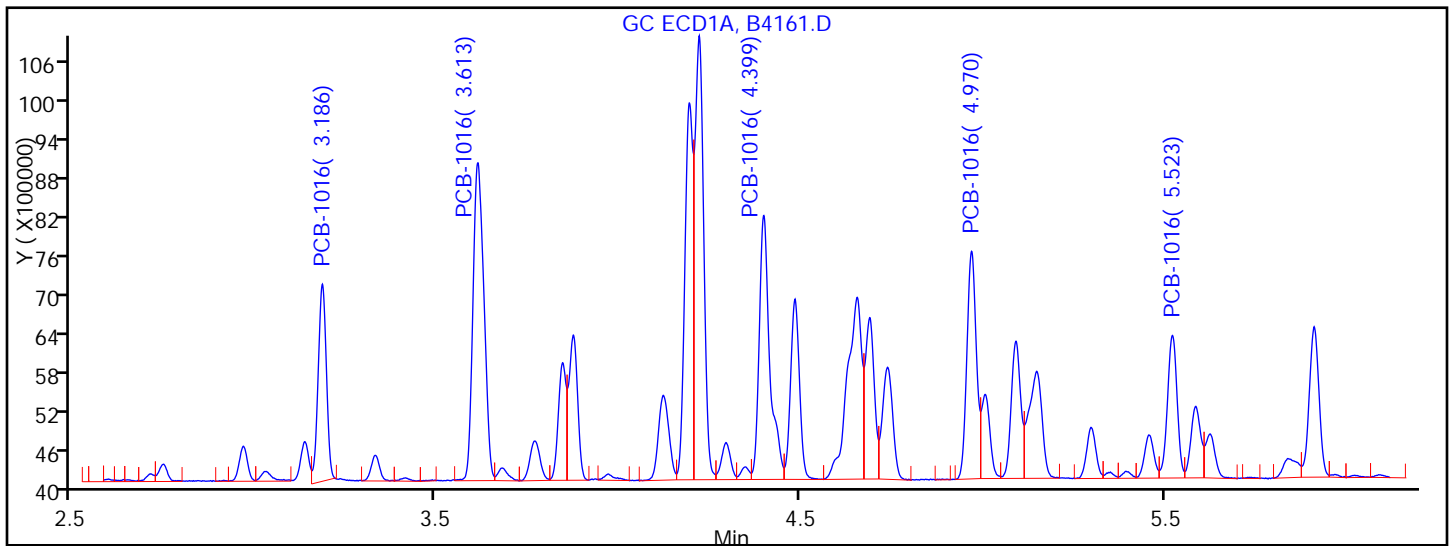
Report Date: 11-Mar-2011 10:19:10  
Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4161.D  
Injection Date: 10-Mar-2011 09:44:02  
Client ID:  
Lims Batch ID: 77152  
Operator ID:  
4 PCB-1016, Detector: 1, GC ECD1A

Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Limit Group: SGC - 1 - 8082 CAL  
Instrument ID: SGCA  
Lims Sample ID: 3  
Injection Vol: 1.00 ul



Processing Integration Results

RT = 3.186	Response = 4857862	M
RT = 3.613	Response = 10340442	
RT = 4.399	Response = 8321323	
RT = 4.970	Response = 6397580	
RT = 5.523	Response = 4088683	



Manual Integration Results

RT = 3.186	Response = 4810127	M
RT = 3.613	Response = 10340442	
RT = 4.399	Response = 8321323	
RT = 4.970	Response = 6397580	
RT = 5.523	Response = 4088683	

Reviewer: iversc, 10-Mar-2011 11:37:31  
Audit Action: Manually Integrated  
Audit Reason: Baseline Smoothing

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4162.D  
 Lims ID: std250 Client ID:  
 Inject. Date: 10-Mar-2011 09:59:05 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: 77152 Lims Sample ID: 4  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:19:19 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:19:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									M
1	1	3.185	3.183	0.002	10145995	239.8		100.0	
1	2	3.613	3.612	0.001	21779527	238.9	187.2- 247.2	214.7	
1	3	4.398	4.398	0.000	17714599	240.3	146.3- 206.3	174.6	
1	4	4.969	4.969	0.000	13815302	241.0	109.2- 169.2	136.2	
1	5	5.522	5.522	0.000	8851227	241.6	57.8- 117.8	87.2	
Average of Peak Amounts =						240.3			
2	6	3.748	3.746	0.002	5165200	238.1		100.0	
2	7	4.325	4.324	0.001	11357221	237.9	192.3- 252.3	219.9	
2	8	5.215	5.214	0.001	8597921	233.8	140.7- 200.7	166.5	
2	9	5.648	5.647	0.001	4135125	241.7	47.3- 107.3	80.1	M
2	10	5.942	5.942	0.000	6973984	233.7	109.9- 169.9	135.0	
Average of Peak Amounts =						237.1			
						RPD = 1.36			
11 PCB-1260									M
1	1	6.803	6.803	0.000	24957134	240.6		100.0	
1	2	7.294	7.295	-0.001	37802801	240.2	121.7- 181.7	151.5	
1	3	7.534	7.534	0.000	14566243	239.3	30.7- 90.7	58.4	
1	4	7.845	7.845	0.000	39151679	240.4	128.0- 188.0	156.9	
1	5	8.598	8.598	0.000	23513806	241.5	64.6- 124.6	94.2	
Average of Peak Amounts =						240.4			
2	6	7.912	7.911	0.001	7119961	244.5		100.0	M
2	7	8.276	8.275	0.001	13684654	233.5	175.0- 235.0	192.2	
2	8	8.700	8.699	0.001	16887377	240.9	212.3- 272.3	237.2	
2	9	9.419	9.418	0.001	11692650	233.9	147.4- 207.4	164.2	
2	10	9.810	9.809	0.001	13349257	241.4	163.3- 223.3	187.5	
Average of Peak Amounts =						238.9			
						RPD = 0.64			

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	9.596	9.593	0.003	99117209	59.8			
2	2	10.320	10.319	0.001	46936203	59.8			
							RPD = 0.09		

\$ 2 DCB Decachlorobiphenyl

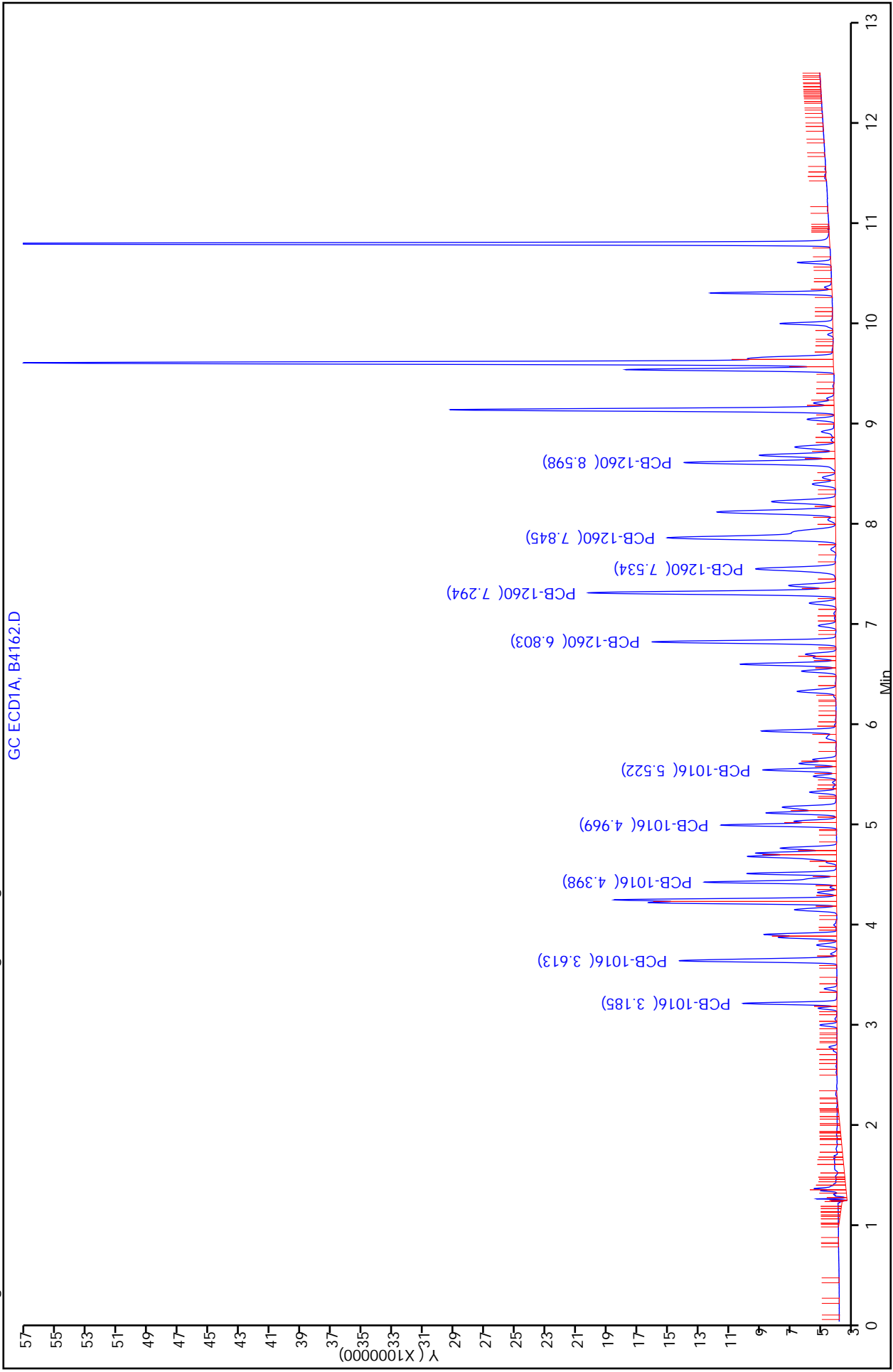
1	1	10.788	10.787	0.001	87514849	59.8			
2	2	11.643	11.642	0.001	48570172	59.7			
							RPD = 0.23		

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 11-Mar-2011 10:19:20 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4162.D  
 Injection Date: 10-Mar-2011 09:59:05 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 77152 Lims Sample ID: 4  
 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\20110310-4506.b\B4163.D  
 Lims ID: std500 Client ID:  
 Inject. Date: 10-Mar-2011 10:14:10 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: 77152 Lims Sample ID: 5  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:19:32 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:19:32

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	3.185	3.183	0.002	19531672	476.1		100.0	
1	2	3.613	3.612	0.001	42104357	474.0	187.2- 247.2	215.6	
1	3	4.399	4.398	0.001	34274984	474.6	146.3- 206.3	175.5	
1	4	4.970	4.969	0.001	26581964	472.7	109.2- 169.2	136.1	
1	5	5.522	5.522	0.000	16999268	474.5	57.8- 117.8	87.0	
Average of Peak Amounts =						474.4			
2	6	3.748	3.746	0.002	9969525	477.8		100.0	
2	7	4.325	4.324	0.001	21944633	476.4	192.3- 252.3	220.1	
2	8	5.215	5.214	0.001	17040767	480.1	140.7- 200.7	170.9	
2	9	5.648	5.647	0.001	7837588	474.5	47.3- 107.3	78.6	
2	10	5.942	5.942	0.000	13893029	481.3	109.9- 169.9	139.4	
Average of Peak Amounts =						478.0			

RPD = 0.76

11 PCB-1260

1	1	6.803	6.803	0.000	48331086	475.5		100.0	
1	2	7.295	7.295	0.000	73288030	474.7	121.7- 181.7	151.6	
1	3	7.532	7.534	-0.002	28506200	473.2	30.7- 90.7	59.0	
1	4	7.845	7.845	0.000	75662528	471.8	128.0- 188.0	156.6	
1	5	8.598	8.598	0.000	45042683	472.0	64.6- 124.6	93.2	
Average of Peak Amounts =						473.5			
2	6	7.910	7.911	-0.001	13408700	473.8		100.0	
2	7	8.275	8.275	0.000	27180108	481.1	175.0- 235.0	202.7	
2	8	8.700	8.699	0.001	32349478	475.2	212.3- 272.3	241.3	
2	9	9.419	9.418	0.001	23383340	478.4	147.4- 207.4	174.4	
2	10	9.810	9.809	0.001	25480307	473.0	163.3- 223.3	190.0	
Average of Peak Amounts =						476.3			

RPD = 0.60

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

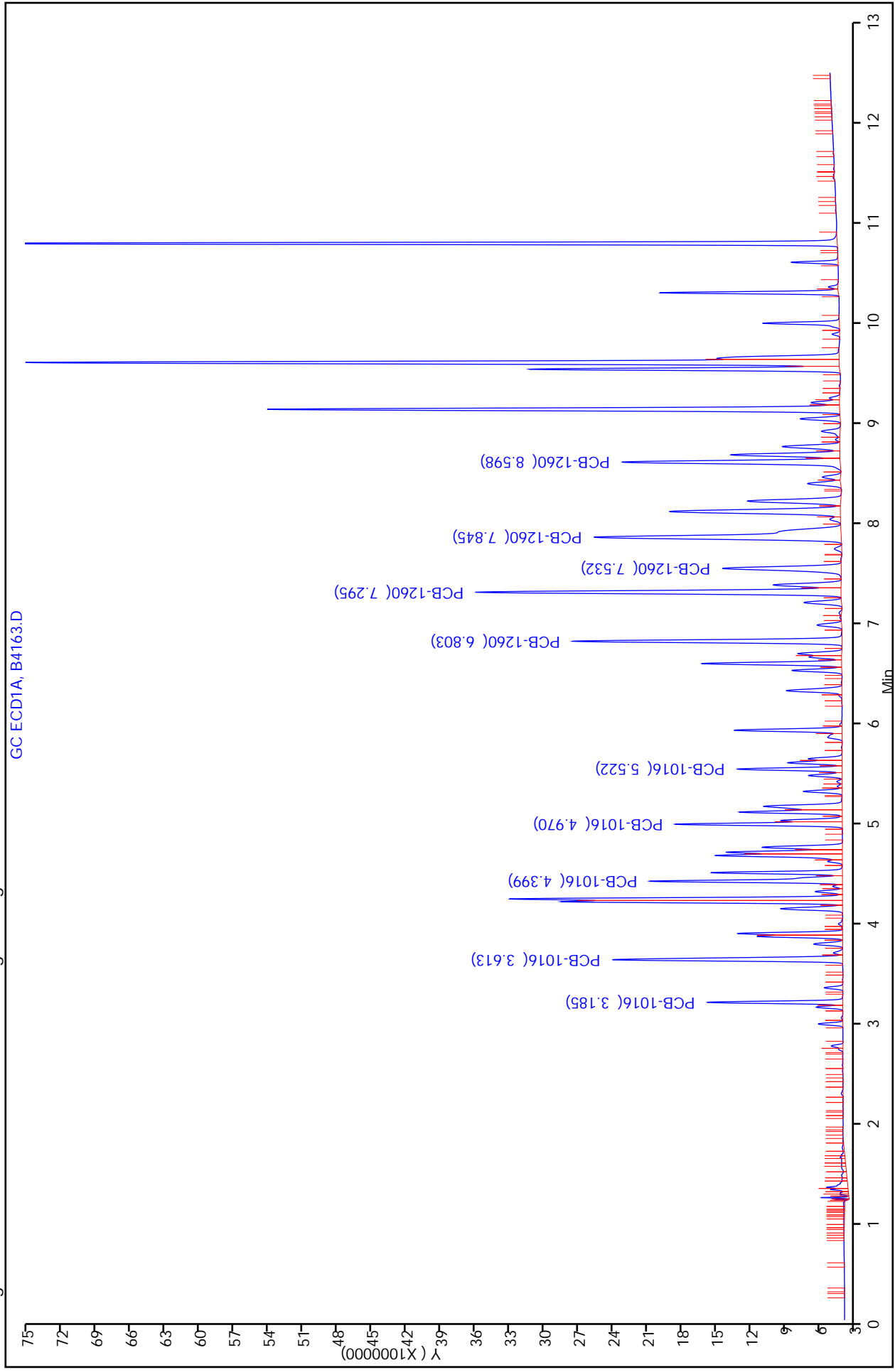
1	1	9.595	9.593	0.002	139130086	78.3			
2	2	10.320	10.319	0.001	62035046	78.3			
							RPD = 0.06		

\$ 2 DCB Decachlorobiphenyl

1	1	10.789	10.787	0.002	115122055	78.5			
2	2	11.643	11.642	0.001	63704416	78.8			
							RPD = 0.34		

Report Date: 11-Mar-2011 10:19:32 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4163.D  
Injection Date: 10-Mar-2011 10:14:10 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 77152 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\20110310-4506.b\B4164.D  
 Lims ID: std1000 Client ID:  
 Inject. Date: 10-Mar-2011 10:29:36 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: 77152 Lims Sample ID: 6  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:19:43 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:19:43

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	3.187	3.183	0.004	42284726	1060.7		100.0	
1	2	3.616	3.612	0.004	91852019	1064.6	187.2- 247.2	217.2	
1	3	4.400	4.398	0.002	74560705	1052.1	146.3- 206.3	176.3	
1	4	4.972	4.969	0.003	58845532	1067.2	109.2- 169.2	139.2	
1	5	5.524	5.522	0.002	37140550	1062.5	57.8- 117.8	87.8	
Average of Peak Amounts =						1061.4			
2	6	3.748	3.746	0.002	21130108	1052.5		100.0	
2	7	4.327	4.324	0.003	46967126	1060.1	192.3- 252.3	222.3	
2	8	5.216	5.214	0.002	36068299	1045.7	140.7- 200.7	170.7	
2	9	5.650	5.647	0.003	16332173	1025.5	47.3- 107.3	77.3	
2	10	5.942	5.942	0.000	29566237	1053.6	109.9- 169.9	139.9	
Average of Peak Amounts =						1047.5			

RPD = 1.32

11 PCB-1260

1	1	6.804	6.803	0.001	104963484	1055.2		100.0	
1	2	7.296	7.295	0.001	159199255	1050.7	121.7- 181.7	151.7	
1	3	7.536	7.534	0.002	63660522	1062.9	30.7- 90.7	60.7	
1	4	7.847	7.845	0.002	165824004	1048.9	128.0- 188.0	158.0	
1	5	8.598	8.598	0.000	99272294	1058.1	64.6- 124.6	94.6	
Average of Peak Amounts =						1055.2			
2	6	7.912	7.910	0.002	28274485	1029.1		100.0	
2	7	8.276	8.274	0.002	57952943	1057.3	175.0- 235.0	205.0	
2	8	8.701	8.699	0.002	68495589	1037.4	212.3- 272.3	242.3	
2	9	9.418	9.418	0.000	50157601	1051.7	147.4- 207.4	177.4	
2	10	9.810	9.809	0.001	54651095	1045.8	163.3- 223.3	193.3	
Average of Peak Amounts =						1044.3			

RPD = 1.04

Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4164.D

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

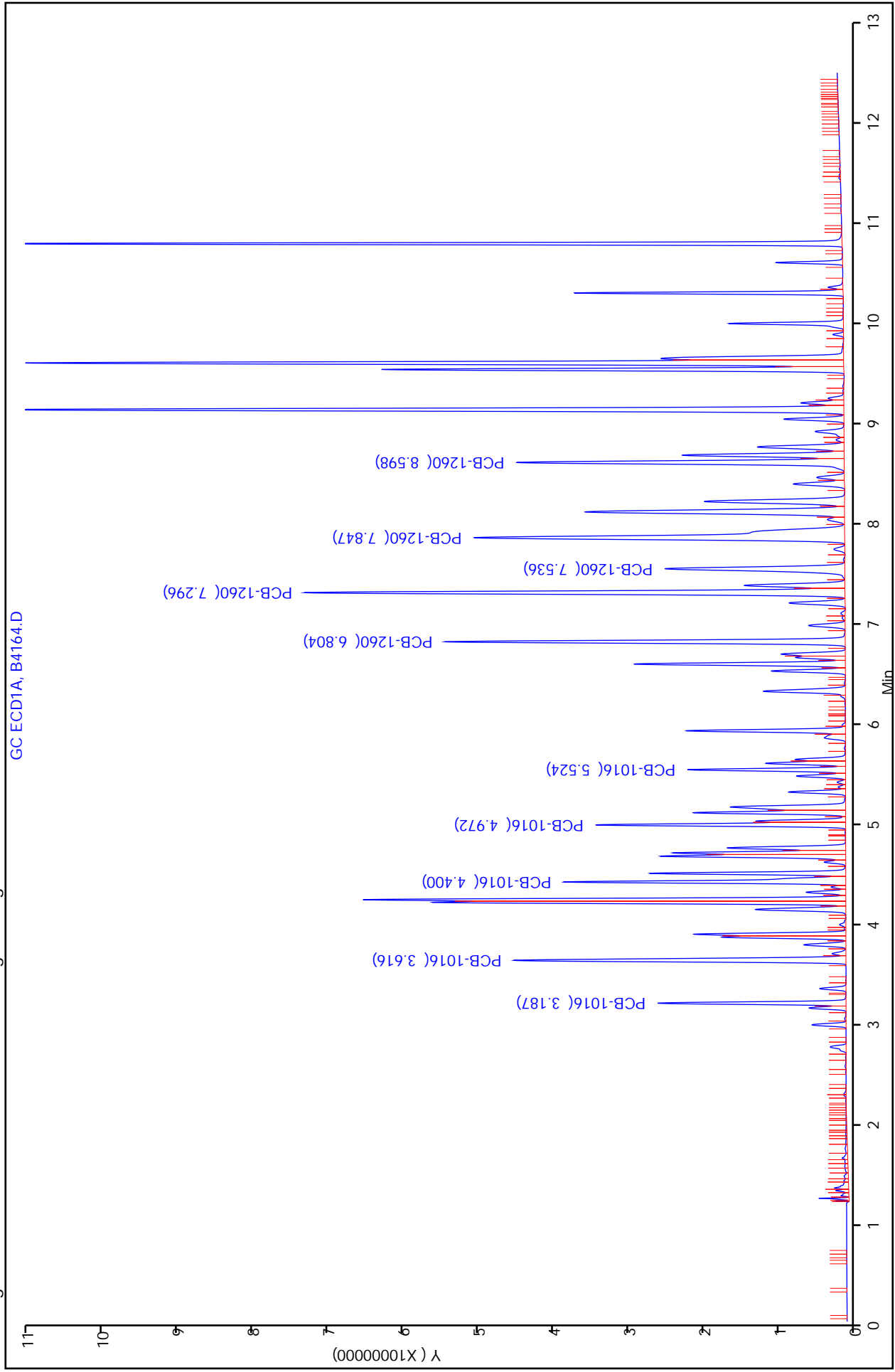
1	1	9.595	9.593	0.002	206051571	104.2			
2	2	10.320	10.319	0.001	84886103	104.8			
							RPD =	0.64	

## \$ 2 DCB Decachlorobiphenyl

1	1	10.789	10.787	0.002	155298300	104.2			
2	2	11.642	11.642	0.000	84891233	104.2			
							RPD =	0.01	

Report Date: 11-Mar-2011 10:19:43  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4164.D  
 Injection Date: 10-Mar-2011 10:29:36  
 Client ID: 77152  
 Lims Batch ID: 77152  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 6  
 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\20110310-4506.b\B4165.D  
 Lims ID: std1500 Client ID:  
 Inject. Date: 10-Mar-2011 10:44:46 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: 77152 Lims Sample ID: 7  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:19:52 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:19:52

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	3.186	3.183	0.003	59214208	1507.1		100.0	
1	2	3.615	3.612	0.003	127372543	1500.6	187.2- 247.2	215.1	
1	3	4.400	4.398	0.002	105402991	1501.7	146.3- 206.3	178.0	
1	4	4.971	4.969	0.002	81561587	1493.7	109.2- 169.2	137.7	
1	5	5.523	5.522	0.001	51578567	1495.6	57.8- 117.8	87.1	
Average of Peak Amounts =						1499.8			
2	6	3.749	3.746	0.003	29440279	1498.5		100.0	
2	7	4.326	4.324	0.002	64952863	1499.1	192.3- 252.3	220.6	
2	8	5.216	5.214	0.002	51217179	1507.2	140.7- 200.7	174.0	
2	9	5.650	5.647	0.003	23390494	1503.3	47.3- 107.3	79.5	
2	10	5.942	5.942	0.000	41600847	1504.7	109.9- 169.9	141.3	
Average of Peak Amounts =						1502.6			

RPD = 0.19

11 PCB-1260

1	1	6.804	6.803	0.001	145788380	1482.9		100.0	
1	2	7.295	7.295	0.000	222636955	1483.6	121.7- 181.7	152.7	
1	3	7.536	7.534	0.002	89629555	1498.3	30.7- 90.7	61.5	
1	4	7.846	7.845	0.001	232645401	1482.3	128.0- 188.0	159.6	
1	5	8.599	8.598	0.001	138081037	1482.5	64.6- 124.6	94.7	
Average of Peak Amounts =						1485.9			
2	6	7.911	7.911	0.000	40190222	1488.8		100.0	
2	7	8.277	8.275	0.002	80634201	1493.1	175.0- 235.0	200.6	
2	8	8.701	8.699	0.002	96240142	1484.2	212.3- 272.3	239.5	
2	9	9.419	9.418	0.001	69915439	1487.6	147.4- 207.4	174.0	
2	10	9.811	9.809	0.002	75544831	1471.0	163.3- 223.3	188.0	
Average of Peak Amounts =						1484.9			

RPD = 0.07

Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4165.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	9.595	9.593	0.002	245894676	117.7			
2	2	10.321	10.319	0.002	95912887	117.1			

RPD = 0.52

## \$ 2 DCB Decachlorobiphenyl

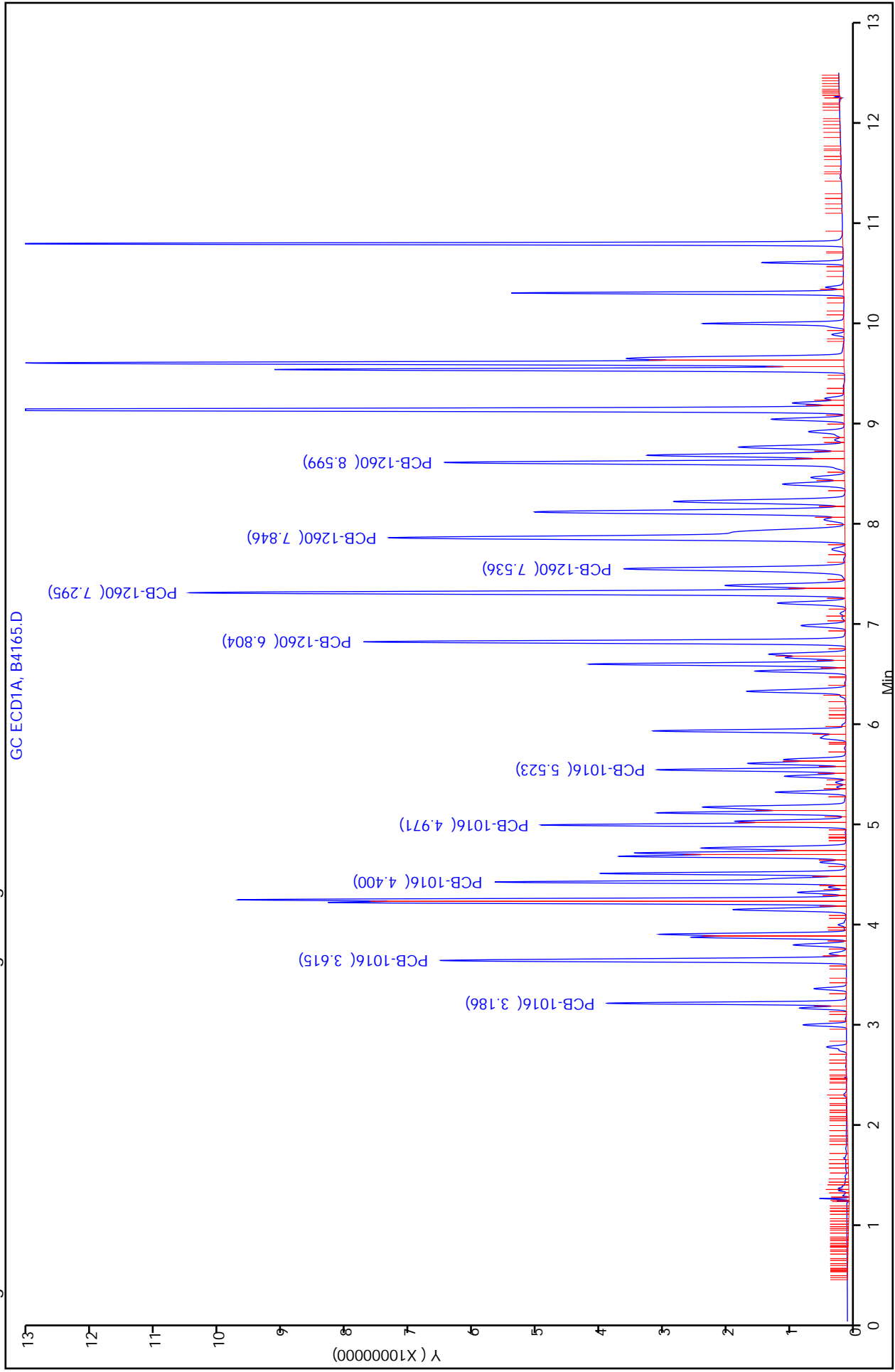
1	1	10.789	10.787	0.002	177095608	117.5			
2	2	11.642	11.642	0.000	96349655	117.3			

RPD = 0.10



Report Date: 11-Mar-2011 10:19:53 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4165.D  
 Injection Date: 10-Mar-2011 10:44:46 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 77152 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\20110310-4506.b\B4166.D  
 Lims ID: std2000 Client ID:  
 Inject. Date: 10-Mar-2011 10:59:56 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: 77152 Lims Sample ID: 8  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:20:02 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:20:02

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	3.185	3.183	0.002	75905489	1957.5		100.0	
1	2	3.612	3.612	0.000	162890900	1949.6	187.2- 247.2	214.6	
1	3	4.398	4.398	0.000	136413417	1960.6	146.3- 206.3	179.7	
1	4	4.969	4.969	0.000	105570634	1952.2	109.2- 169.2	139.1	
1	5	5.522	5.522	0.000	66359168	1949.9	57.8- 117.8	87.4	
Average of Peak Amounts =						1954.0			
2	6	3.747	3.746	0.001	37814913	1965.7		100.0	
2	7	4.325	4.324	0.001	82588154	1947.7	192.3- 252.3	218.4	
2	8	5.215	5.214	0.001	65731598	1959.3	140.7- 200.7	173.8	
2	9	5.647	5.647	0.000	29462382	1930.6	47.3- 107.3	77.9	
2	10	5.942	5.942	0.000	53205613	1949.9	109.9- 169.9	140.7	
Average of Peak Amounts =						1950.6			

RPD = 0.17

11 PCB-1260

1	1	6.802	6.803	-0.001	189308153	1948.6		100.0	
1	2	7.294	7.295	-0.001	291064724	1958.3	121.7- 181.7	153.8	
1	3	7.533	7.534	-0.001	117528954	1965.8	30.7- 90.7	62.1	
1	4	7.844	7.845	-0.001	305898768	1963.0	128.0- 188.0	161.6	
1	5	8.597	8.598	-0.001	181444554	1961.7	64.6- 124.6	95.8	
Average of Peak Amounts =						1959.5			
2	6	7.912	7.911	0.001	51501217	1938.4		100.0	
2	7	8.275	8.275	0.000	104001099	1952.6	175.0- 235.0	201.9	
2	8	8.700	8.699	0.001	124257089	1950.3	212.3- 272.3	241.3	
2	9	9.418	9.418	0.000	90386926	1951.8	147.4- 207.4	175.5	
2	10	9.809	9.809	0.000	98769691	1959.9	163.3- 223.3	191.8	
Average of Peak Amounts =						1950.6			

RPD = 0.45

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

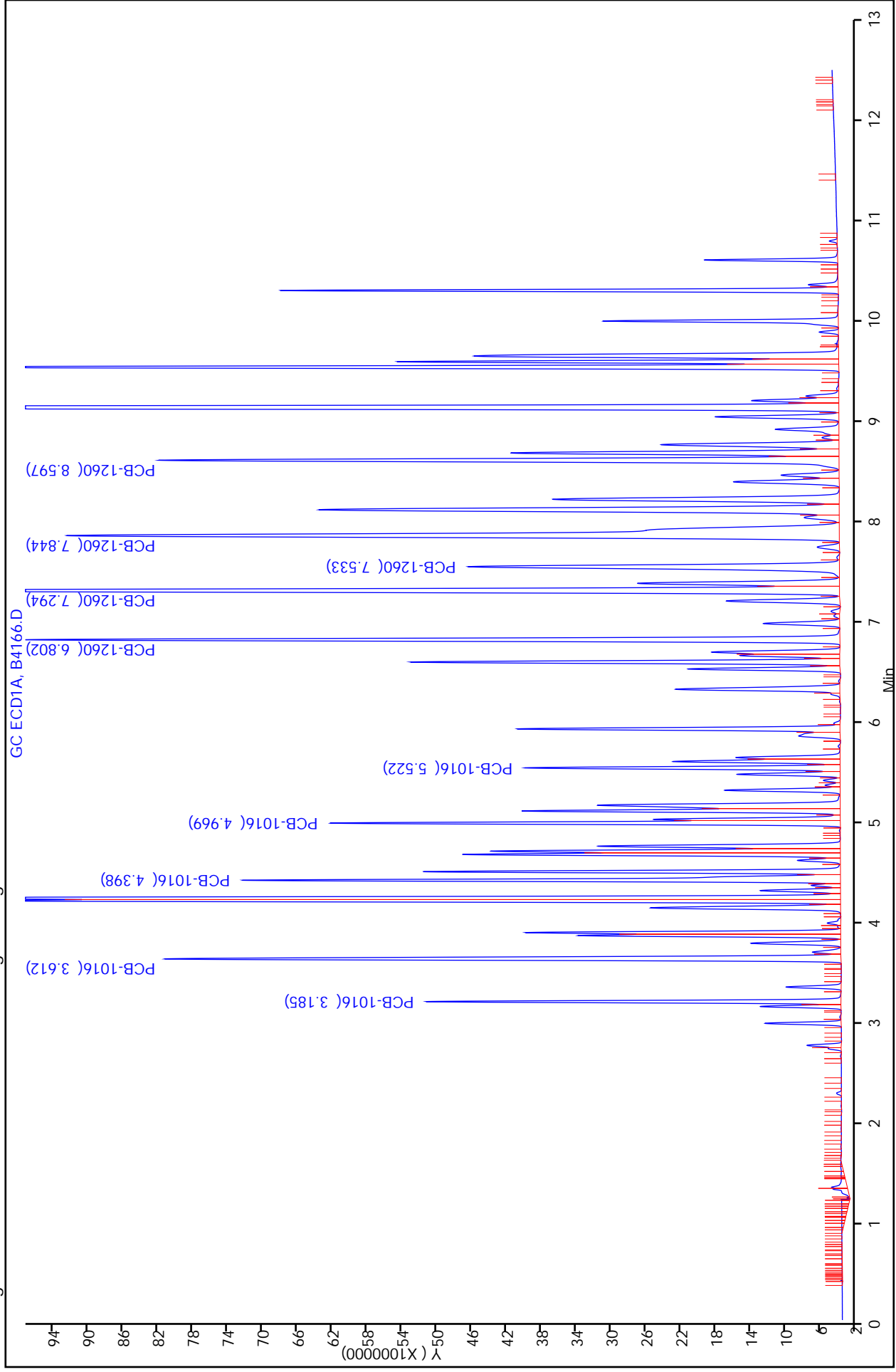
1	1	9.593
2	2	10.319

\$ 2 DCB Decachlorobiphenyl

1	1	10.787
2	2	11.642

Report Date: 11-Mar-2011 10:20:02  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4166.D  
 Injection Date: 10-Mar-2011 10:59:56  
 Client ID: 77152  
 Lims Batch ID: 77152  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 8  
 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\20110310-4506.b\B4167.D  
 Lims ID: std3000 Client ID:  
 Inject. Date: 10-Mar-2011 11:15:01 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: 77152 Lims Sample ID: 9  
 Sublist: chrom-PCBS\*sub1  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 11-Mar-2011 10:20:11 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Mar-2011 10:20:11

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	3.184	3.183	0.001	113116803	3002.4		100.0	
1	2	3.612	3.612	0.000	242888594	3015.7	187.2- 247.2	214.7	
1	3	4.398	4.398	0.000	205818675	3014.2	146.3- 206.3	182.0	
1	4	4.969	4.969	0.000	159744293	3017.5	109.2- 169.2	141.2	
1	5	5.522	5.522	0.000	99733859	3020.8	57.8- 117.8	88.2	
Average of Peak Amounts =						3014.1			
2	6	3.747	3.746	0.001	55322952	3010.6		100.0	
2	7	4.325	4.324	0.001	121814480	3022.8	192.3- 252.3	220.2	
2	8	5.215	5.214	0.001	98377125	3015.4	140.7- 200.7	177.8	
2	9	5.648	5.647	0.001	44575793	3073.1	47.3- 107.3	80.6	
2	10	5.942	5.942	0.000	79951123	3018.9	109.9- 169.9	144.5	
Average of Peak Amounts =						3028.2			

RPD = 0.47

11 PCB-1260

1	1	6.802	6.803	-0.001	287702825	3041.9		100.0	
1	2	7.294	7.295	-0.001	442086903	3036.2	121.7- 181.7	153.7	
1	3	7.532	7.534	-0.002	179534037	3004.1	30.7- 90.7	62.4	
1	4	7.845	7.845	0.000	466109443	3036.2	128.0- 188.0	162.0	
1	5	8.597	8.598	-0.001	276189217	3027.8	64.6- 124.6	96.0	
Average of Peak Amounts =						3029.2			
2	6	7.911	7.911	0.000	78551739	3073.4		100.0	
2	7	8.276	8.275	0.001	156314558	3024.6	175.0- 235.0	199.0	
2	8	8.701	8.699	0.002	187070010	3058.4	212.3- 272.3	238.1	
2	9	9.419	9.418	0.001	136047468	3039.3	147.4- 207.4	173.2	
2	10	9.810	9.809	0.001	147694815	3055.6	163.3- 223.3	188.0	
Average of Peak Amounts =						3050.3			

RPD = 0.69

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

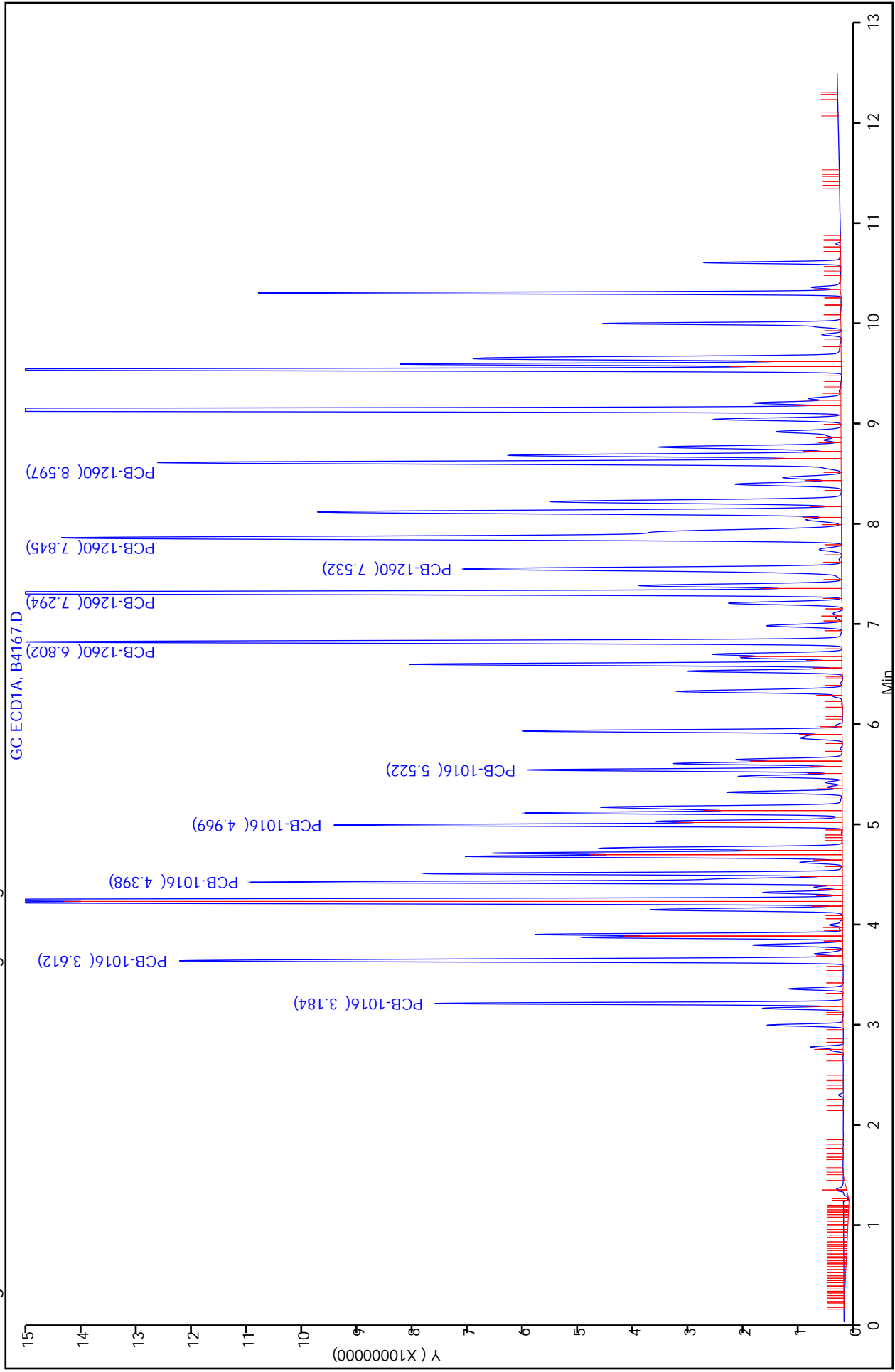
1	1	9.593
2	2	10.319

\$ 2 DCB Decachlorobiphenyl

1	1	10.787
2	2	11.642

Report Date: 11-Mar-2011 10:20:11  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4167.D  
 Injection Date: 10-Mar-2011 11:15:01  
 Client ID: 77152  
 Lims Batch ID: 77152  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 9  
 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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 11:30 Calibration End Date: 03/10/2011 11:30 Calibration ID: 3802

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-77152/10	B4168.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.271										2.171 - 2.371	2.271
PCB-1221 Peak 2	2.969										2.869 - 3.069	2.969
PCB-1221 Peak 3	3.137										3.037 - 3.237	3.137
PCB-1221 Peak 4	3.186										3.086 - 3.286	3.186
PCB-1221 Peak 5	4.631										4.531 - 4.731	4.631



FORM VI  
PCBS INITIAL CALIBRATION DATA  
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 11:30 Calibration End Date: 03/10/2011 11:30 Calibration ID: 3802

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-77152/10	B4168.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	15709				Ave		15709.0765						10.0			
PCB-1221 Peak 2	23474				Ave		23473.5415						10.0			
PCB-1221 Peak 3	14373				Ave		14373.3860						10.0			
PCB-1221 Peak 4	54438				Ave		54437.9135						10.0			
PCB-1221 Peak 5	36556				Ave		36555.6315						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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 11:30 Calibration End Date: 03/10/2011 11:30 Calibration ID: 3802

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1221 510-77152/10	B4168.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	31418153					2000				
PCB-1221 Peak 2	Ave	46947083					2000				
PCB-1221 Peak 3	Ave	28746772					2000				
PCB-1221 Peak 4	Ave	108875827					2000				
PCB-1221 Peak 5	Ave	73111263					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories  
Target Compound Quantitation Report

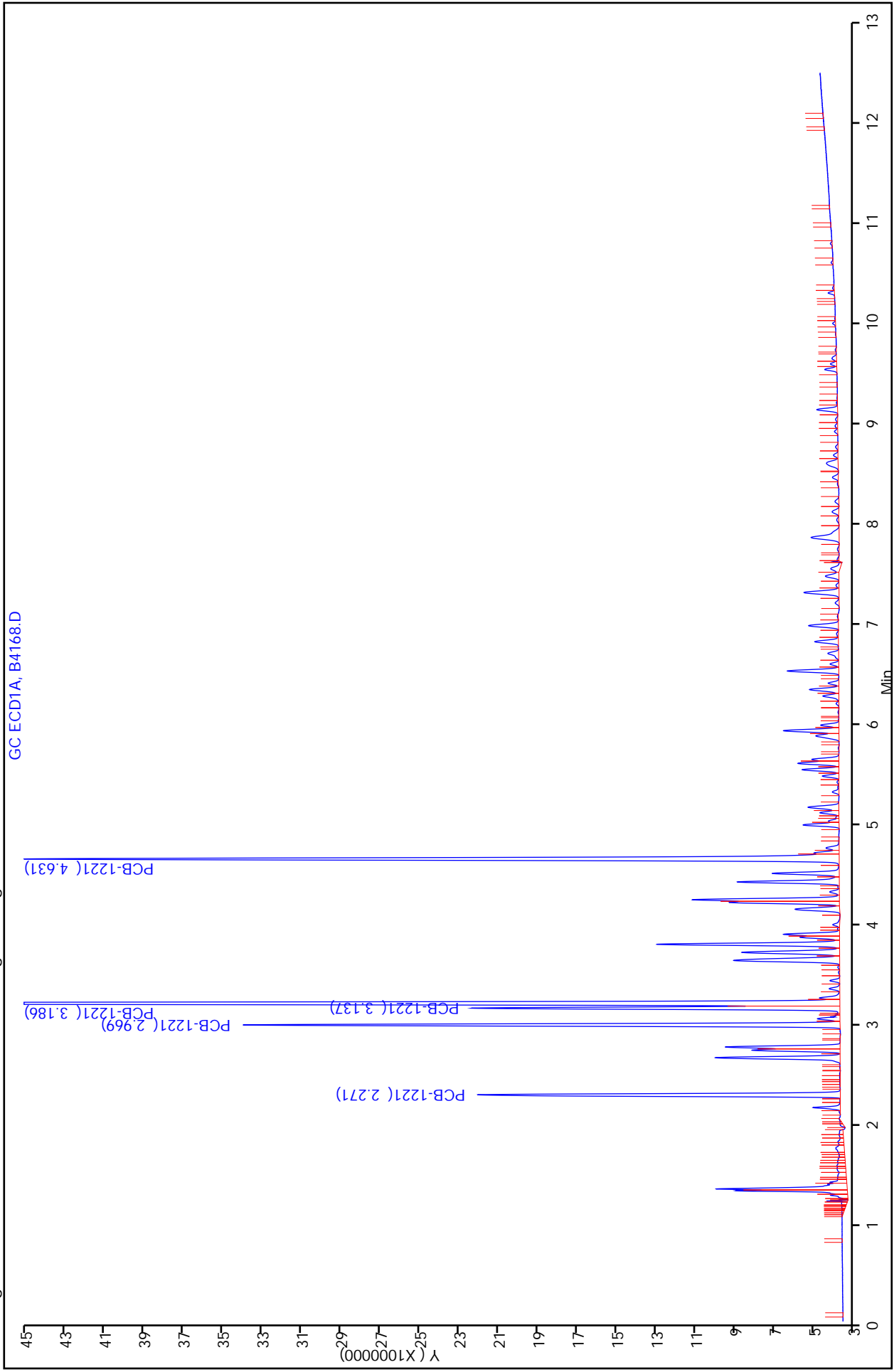
Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4168.D  
 Lims ID: std1221 Client ID:  
 Inject. Date: 10-Mar-2011 11:30:33 Dil. Factor: 1.0000  
 Sample Type: IC Calib Level: 8  
 Sample ID: std1221  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 10  
 Lims Batch ID: 77152 Lims Sample ID: 10  
 Sublist: chrom-PCBS\*sub2  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 10-Mar-2011 12:06:48 Calib Date: 10-Mar-2011 11:45:36  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4169.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 10-Mar-2011 12:06:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
5 PCB-1221									
1	1	2.271	2.271	0.000	31418153	2000.0		100.0	
1	2	2.969	2.969	0.000	46947083	2000.0	0.0- 30.0	149.4	
1	3	3.137	3.137	0.000	28746772	2000.0	0.0- 30.0	91.5	
1	4	3.186	3.186	0.000	108875827	2000.0	0.0- 30.0	346.5	
1	5	4.631	4.631	0.000	73111263	2000.0	0.0- 30.0	232.7	
Average of Peak Amounts =						2000.0			
2	6	2.534	2.534	0.000	16831857	2000.0		100.0	
2	7	2.966	2.966	0.000	6359383	2000.0	0.0- 30.0	37.8	
2	8	3.468	3.468	0.000	24387587	2000.0	0.0- 30.0	144.9	
2	9	3.662	3.662	0.000	15418285	2000.0	0.0- 30.0	91.6	
2	10	3.747	3.747	0.000	55141730	2000.0	0.0- 30.0	327.6	
Average of Peak Amounts =						2000.0			
						RPD = 0.00			

Report Date: 10-Mar-2011 12:06:48 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4168.D  
Injection Date: 10-Mar-2011 11:30:33 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 77152 Lims Sample ID: 10  
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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 11:45 Calibration End Date: 03/10/2011 11:45 Calibration ID: 3806

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-77152/11	B4169.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.967										2.867 - 3.067	2.967
PCB-1232 Peak 2	3.183										3.083 - 3.283	3.183
PCB-1232 Peak 3	3.611										3.511 - 3.711	3.611
PCB-1232 Peak 4	4.397										4.297 - 4.497	4.397
PCB-1232 Peak 5	4.482										4.382 - 4.582	4.482

FORM VI  
PCBS INITIAL CALIBRATION DATA  
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 11:45 Calibration End Date: 03/10/2011 11:45 Calibration ID: 3806

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-77152/11	B4169.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	13244				Ave		13243.5505						10.0			
PCB-1232 Peak 2	40936				Ave		40936.2070						10.0			
PCB-1232 Peak 3	36408				Ave		36407.6985						10.0			
PCB-1232 Peak 4	29784				Ave		29783.6600						10.0			
PCB-1232 Peak 5	18168				Ave		18167.5670						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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 11:45 Calibration End Date: 03/10/2011 11:45 Calibration ID: 3806

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1232 510-77152/11	B4169.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	26487101					2000				
PCB-1232 Peak 2	Ave	81872414					2000				
PCB-1232 Peak 3	Ave	72815397					2000				
PCB-1232 Peak 4	Ave	59567320					2000				
PCB-1232 Peak 5	Ave	36335134					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4169.D  
 Lims ID: std1232 Client ID:  
 Inject. Date: 10-Mar-2011 11:45:36 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: 77152 Lims Sample ID: 11  
 Sublist: chrom-PCBS\*sub3  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 10-Mar-2011 12:07:06 Calib Date: 10-Mar-2011 11:45:36  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4169.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

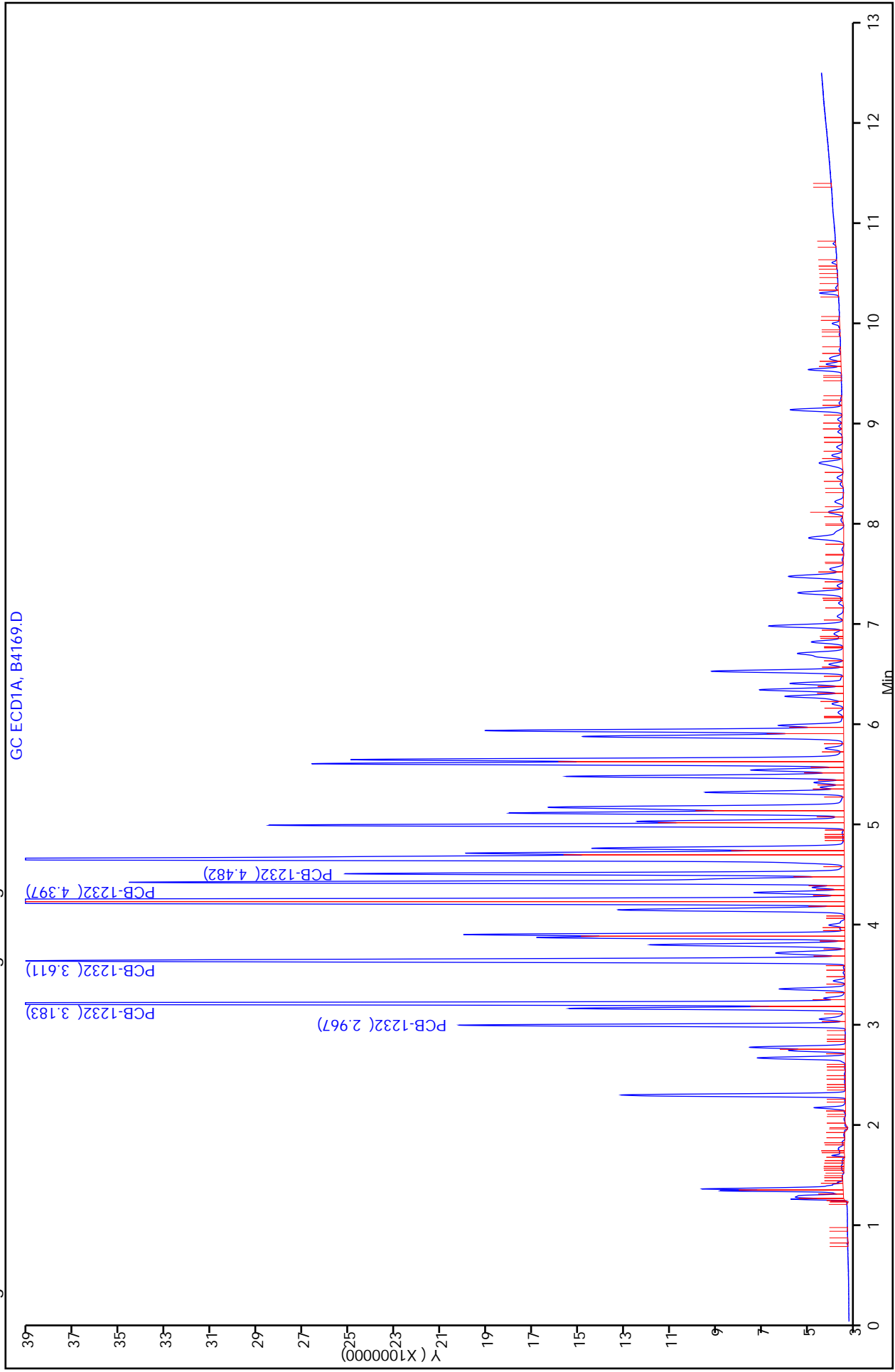
First Level Reviewer: iversc Date: 10-Mar-2011 12:07:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
7 PCB-1232									
1	1	2.967	2.967	0.000	26487101	2000.0		100.0	
1	2	3.183	3.183	0.000	81872414	2000.0	0.0- 30.0	309.1	
1	3	3.611	3.611	0.000	72815397	2000.0	0.0- 30.0	274.9	
1	4	4.397	4.397	0.000	59567320	2000.0	0.0- 30.0	224.9	
1	5	4.482	4.482	0.000	36335134	2000.0	0.0- 30.0	137.2	
Average of Peak Amounts =						2000.0			
2	6	2.533	2.533	0.000	8831242	2000.0		100.0	
2	7	3.746	3.746	0.000	40576717	2000.0	0.0- 30.0	459.5	
2	8	4.324	4.324	0.000	39013359	2000.0	0.0- 30.0	441.8	
2	9	5.215	5.215	0.000	29626785	2000.0	0.0- 30.0	335.5	
2	10	5.941	5.941	0.000	22754027	2000.0	0.0- 30.0	257.7	
Average of Peak Amounts =						2000.0			
RPD = 0.00									



Report Date: 10-Mar-2011 12:07:06  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4169.D  
 Injection Date: 10-Mar-2011 11:45:36  
 Client ID: 10-Mar-2011 11:45:36  
 Lims Batch ID: 77152  
 Operator ID: 77152  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 11  
 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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:00 Calibration End Date: 03/10/2011 12:00 Calibration ID: 3810

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-77152/12	B4170.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.186										3.086 - 3.286	3.186
PCB-1242 Peak 2	3.613										3.513 - 3.713	3.613
PCB-1242 Peak 3	4.485										4.385 - 4.585	4.485
PCB-1242 Peak 4	5.149										5.049 - 5.249	5.149
PCB-1242 Peak 5	5.626										5.526 - 5.726	5.626

FORM VI  
PCBS INITIAL CALIBRATION DATA  
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:00 Calibration End Date: 03/10/2011 12:00 Calibration ID: 3810

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-77152/12	B4170.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	30952				Ave		30951.7840						10.0			
PCB-1242 Peak 2	65307				Ave		65306.5270						10.0			
PCB-1242 Peak 3	32128				Ave		32127.6870						10.0			
PCB-1242 Peak 4	29996				Ave		29996.2880						10.0			
PCB-1242 Peak 5	40033				Ave		40032.5225						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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:00 Calibration End Date: 03/10/2011 12:00 Calibration ID: 3810

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1242 510-77152/12	B4170.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	61903568					2000				
PCB-1242 Peak 2	Ave	130613054					2000				
PCB-1242 Peak 3	Ave	64255374					2000				
PCB-1242 Peak 4	Ave	59992576					2000				
PCB-1242 Peak 5	Ave	80065045					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories  
Target Compound Quantitation Report

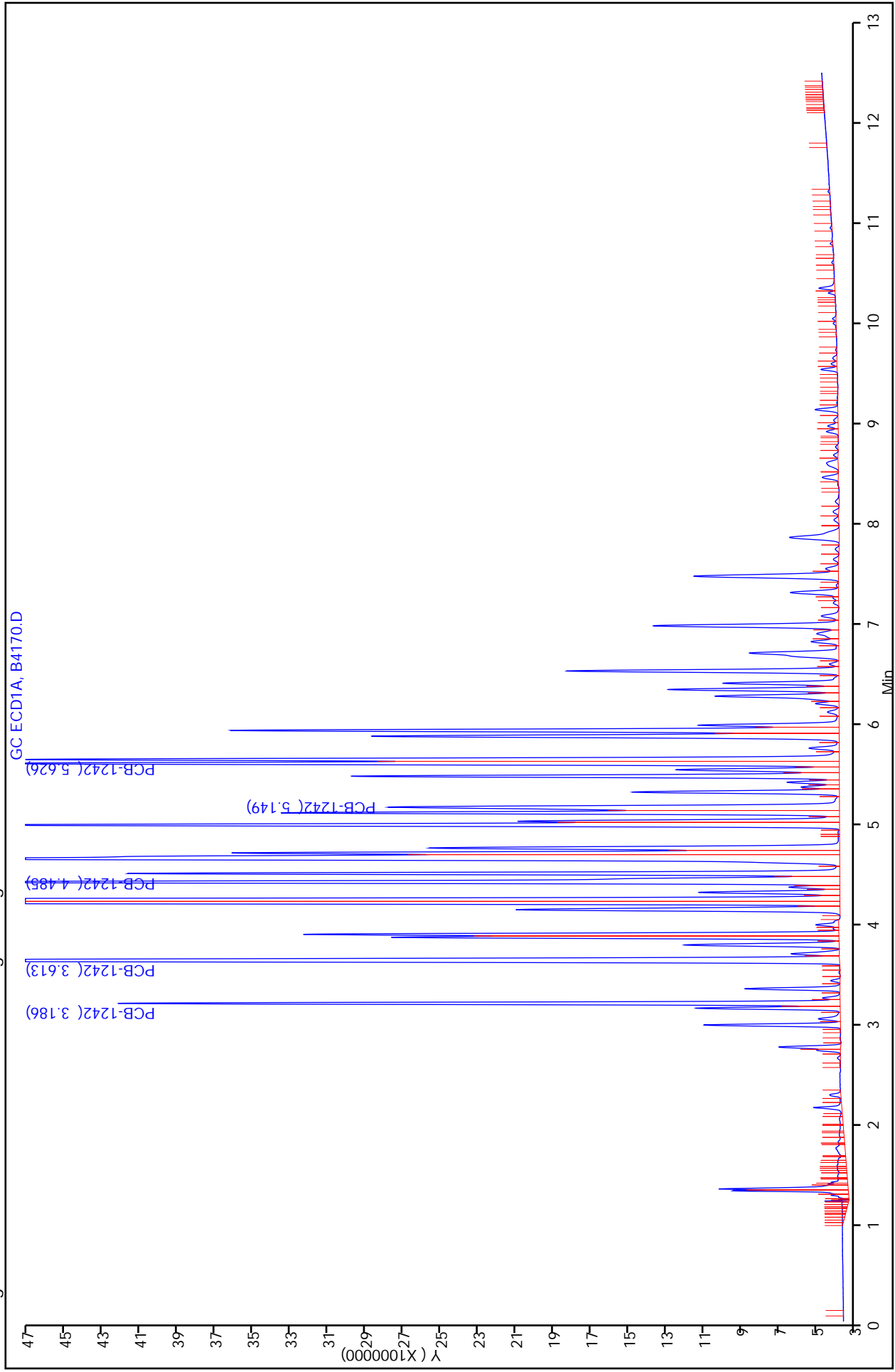
Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4170.D  
 Lims ID: std1242 Client ID:  
 Inject. Date: 10-Mar-2011 12:00:58 Dil. Factor: 1.0000  
 Sample Type: IC Calib Level: 8  
 Sample ID: std1242  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 12  
 Lims Batch ID: 77152 Lims Sample ID: 12  
 Sublist: chrom-PCBS\*sub4  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 10-Mar-2011 14:09:07 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 10-Mar-2011 14:09:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
10 PCB-1242										
1	1	3.186	3.186	0.000	61903568	2000.0		100.0		
1	2	3.613	3.613	0.000	130613054	2000.0	0.0- 30.0	211.0		
1	3	4.485	4.485	0.000	64255374	2000.0	0.0- 30.0	103.8		
1	4	5.149	5.149	0.000	59992576	2000.0	0.0- 30.0	96.9		
1	5	5.626	5.626	0.000	80065045	2000.0	0.0- 30.0	129.3		
		Average of Peak Amounts =				2000.0				
2	6	3.747	3.747	0.000	30790838	2000.0		100.0		
2	7	4.326	4.326	0.000	66347291	2000.0	0.0- 30.0	215.5		
2	8	5.215	5.215	0.000	52367320	2000.0	0.0- 30.0	170.1		
2	9	6.615	6.615	0.000	49308863	2000.0	0.0- 30.0	160.1		
2	10	7.004	7.004	0.000	49221571	2000.0	0.0- 30.0	159.9		
		Average of Peak Amounts =				2000.0				
						RPD = 0.00				

Report Date: 10-Mar-2011 14:09:07  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4170.D  
 Injection Date: 10-Mar-2011 12:00:58  
 Client ID: 77152  
 Lims Batch ID: 77152  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 12  
 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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:16 Calibration End Date: 03/10/2011 12:16 Calibration ID: 3814

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-77152/13	B4171.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.613										3.513 - 3.713	3.613
PCB-1248 Peak 2	4.222										4.122 - 4.322	4.222
PCB-1248 Peak 3	5.093										4.993 - 5.193	5.093
PCB-1248 Peak 4	5.626										5.526 - 5.726	5.626
PCB-1248 Peak 5	6.511										6.411 - 6.611	6.511

FORM VI  
PCBS INITIAL CALIBRATION DATA  
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:16 Calibration End Date: 03/10/2011 12:16 Calibration ID: 3814

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-77152/13	B4171.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	33188				Ave		33187.9815						10.0			
PCB-1248 Peak 2	43534				Ave		43534.3000						10.0			
PCB-1248 Peak 3	48864				Ave		48863.8935						10.0			
PCB-1248 Peak 4	70791				Ave		70791.0855						10.0			
PCB-1248 Peak 5	40904				Ave		40903.6730						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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:16 Calibration End Date: 03/10/2011 12:16 Calibration ID: 3814

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1248 510-77152/13	B4171.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	66375963					2000				
PCB-1248 Peak 2	Ave	87068600					2000				
PCB-1248 Peak 3	Ave	97727787					2000				
PCB-1248 Peak 4	Ave	141582171					2000				
PCB-1248 Peak 5	Ave	81807346					2000				

Curve Type Legend:

Ave = Average

TestAmerica Laboratories  
Target Compound Quantitation Report

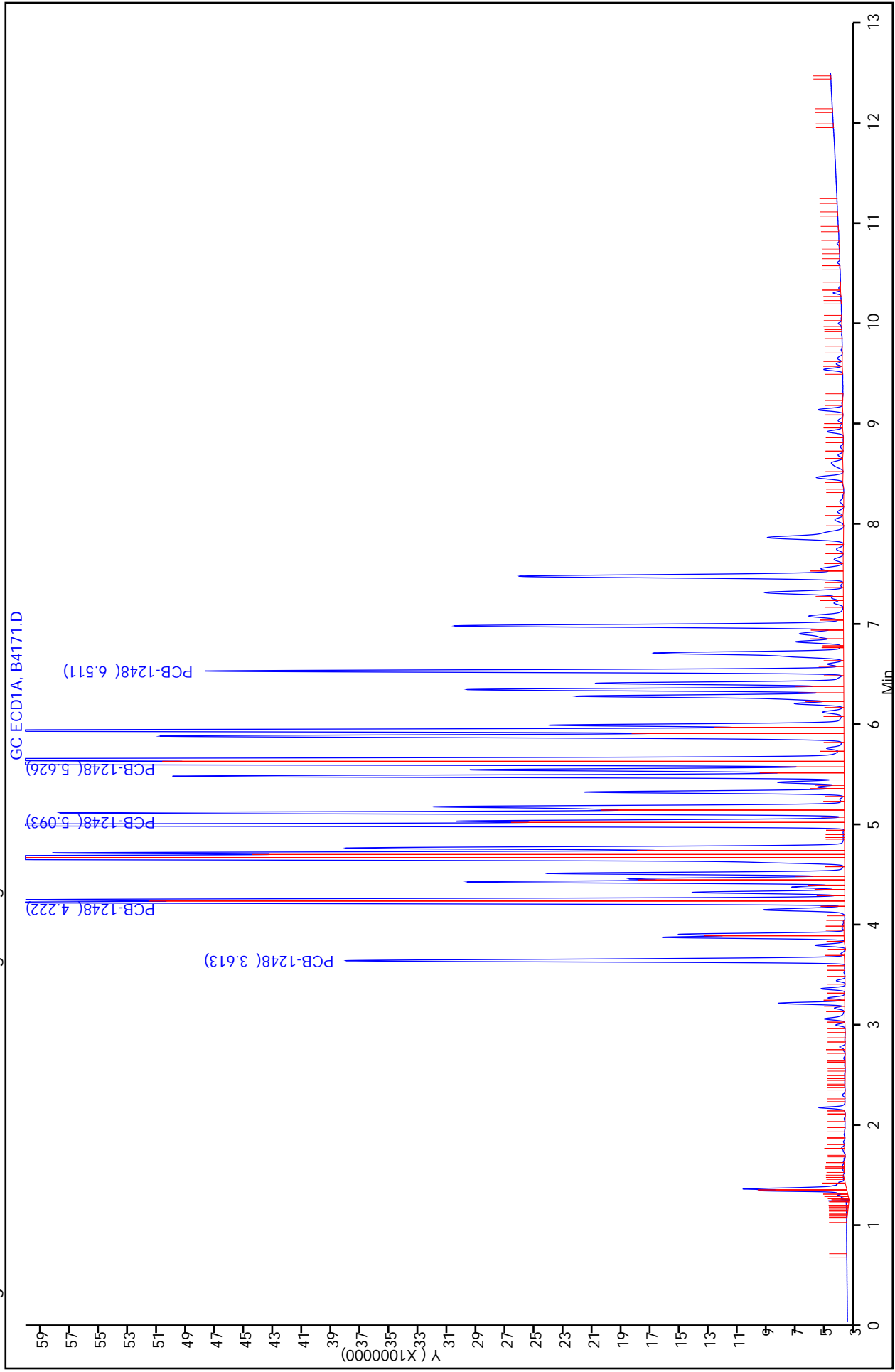
Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4171.D  
 Lims ID: std1248 Client ID:  
 Inject. Date: 10-Mar-2011 12:16:21 Dil. Factor: 1.0000  
 Sample Type: IC Calib Level: 8  
 Sample ID: std1248  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 13  
 Lims Batch ID: 77152 Lims Sample ID: 13  
 Sublist: chrom-PCBS\*sub5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 10-Mar-2011 14:09:47 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 10-Mar-2011 14:09:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
6 PCB-1248										
1	1	3.613	3.613	0.000	66375963	2000.0		100.0		
1	2	4.222	4.222	0.000	87068600	2000.0	0.0- 30.0	131.2		
1	3	5.093	5.093	0.000	97727787	2000.0	0.0- 30.0	147.2		
1	4	5.626	5.626	0.000	141582171	2000.0	0.0- 30.0	213.3		
1	5	6.511	6.511	0.000	81807346	2000.0	0.0- 30.0	123.2		
		Average of Peak Amounts =				2000.0				
2	6	4.325	4.325	0.000	33991796	2000.0		100.0		
2	7	5.213	5.213	0.000	30906938	2000.0	0.0- 30.0	90.9		
2	8	5.942	5.942	0.000	74708472	2000.0	0.0- 30.0	219.8		
2	9	6.614	6.614	0.000	95687298	2000.0	0.0- 30.0	281.5		
2	10	7.004	7.004	0.000	91625939	2000.0	0.0- 30.0	269.6		
		Average of Peak Amounts =				2000.0				
						RPD = 0.00				

Report Date: 10-Mar-2011 14:09:47 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsrv08\ChromData\SGCA\20110310-4506.b\B4171.D  
 Injection Date: 10-Mar-2011 12:16:21 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 77152 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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:31 Calibration End Date: 03/10/2011 12:31 Calibration ID: 3818

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-77152/14	B4172.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.627										5.527 - 5.727	5.627
PCB-1254 Peak 2	6.326										6.226 - 6.426	6.326
PCB-1254 Peak 3	6.512										6.412 - 6.612	6.512
PCB-1254 Peak 4	6.964										6.864 - 7.064	6.964
PCB-1254 Peak 5	7.848										7.748 - 7.948	7.848

FORM VI  
 PCBS INITIAL CALIBRATION DATA  
 EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:31 Calibration End Date: 03/10/2011 12:31 Calibration ID: 3818

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-77152/14	B4172.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	35652				Ave		35652.4475						10.0			
PCB-1254 Peak 2	55734				Ave		55734.1985						10.0			
PCB-1254 Peak 3	113507				Ave		113507.356						10.0			
PCB-1254 Peak 4	143412				Ave		143412.228						10.0			
PCB-1254 Peak 5	127915				Ave		127915.102						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.: 510-64148-1 Analy Batch No.: 77152

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 03/10/2011 12:31 Calibration End Date: 03/10/2011 12:31 Calibration ID: 3818

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1254 510-77152/14	B4172.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	71304895					2000				
PCB-1254 Peak 2	Ave	111468397					2000				
PCB-1254 Peak 3	Ave	227014713					2000				
PCB-1254 Peak 4	Ave	286824456					2000				
PCB-1254 Peak 5	Ave	255830203					2000				

Curve Type Legend:

Ave = Average

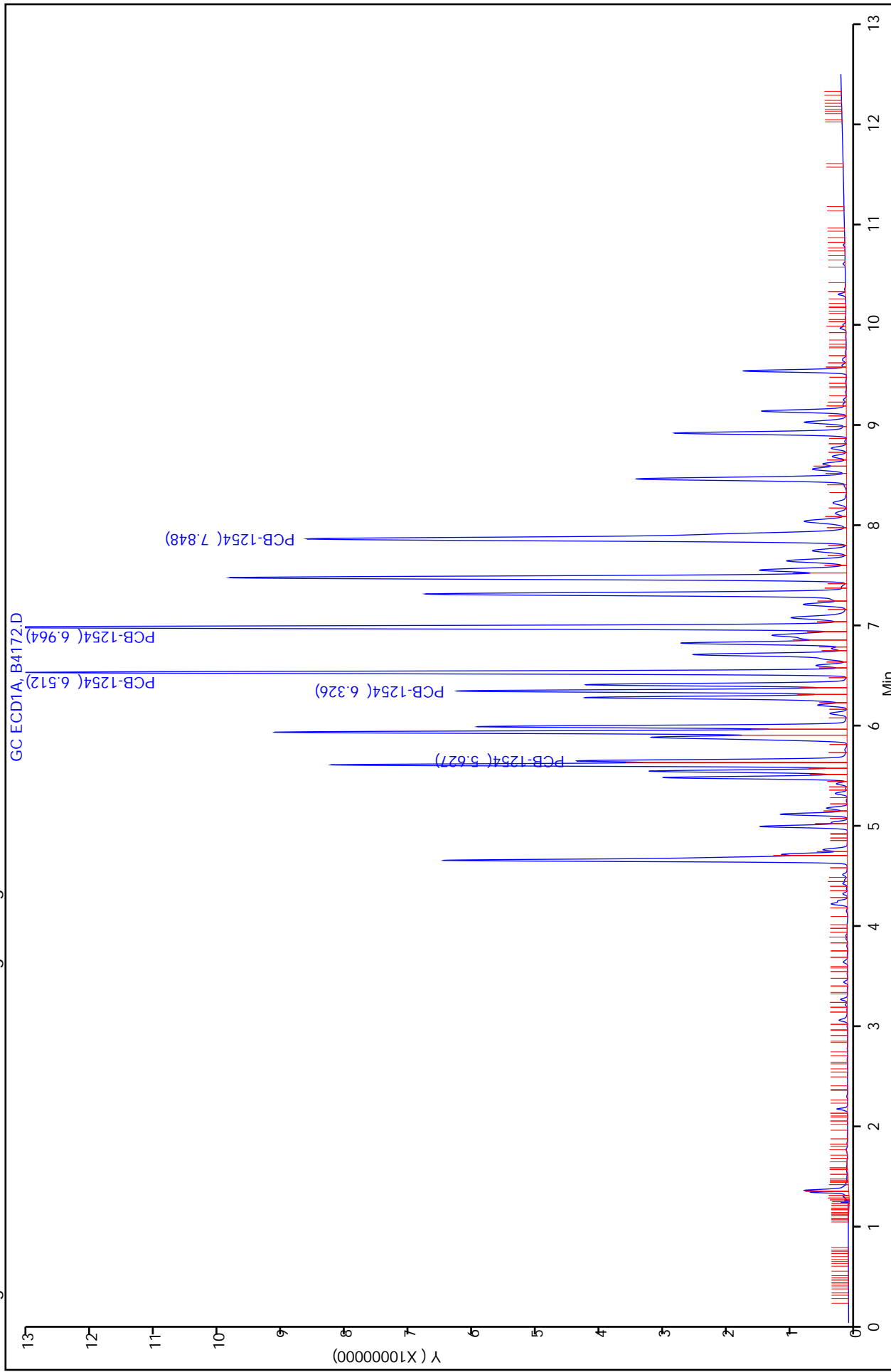
TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Lims ID: std1254 Client ID:  
 Inject. Date: 10-Mar-2011 12:31:51 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: 77152 Lims Sample ID: 14  
 Sublist: chrom-PCBS\*sub6  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110310-4506.b\PCBS.m  
 Last Update: 10-Mar-2011 14:10:01 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 10-Mar-2011 14:10:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
9 PCB-1254										
1	1	5.627	5.627	0.000	71304895	2000.0		100.0		
1	2	6.326	6.326	0.000	111468397	2000.0	0.0- 30.0	156.3		
1	3	6.512	6.512	0.000	227014713	2000.0	0.0- 30.0	318.4		
1	4	6.964	6.964	0.000	286824456	2000.0	0.0- 30.0	402.3		
1	5	7.848	7.848	0.000	255830203	2000.0	0.0- 30.0	358.8		
		Average of Peak Amounts =				2000.0				
2	6	6.612	6.612	0.000	63556140	2000.0		100.0		
2	7	6.929	6.929	0.000	68667720	2000.0	0.0- 30.0	108.0		
2	8	7.834	7.834	0.000	120124648	2000.0	0.0- 30.0	189.0		
2	9	8.346	8.346	0.000	154436357	2000.0	0.0- 30.0	243.0		
2	10	9.290	9.290	0.000	133586545	2000.0	0.0- 30.0	210.2		
		Average of Peak Amounts =				2000.0				
						RPD = 0.00				

Report Date: 10-Mar-2011 14:10:01 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Injection Date: 10-Mar-2011 12:31:51 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 77152 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79013/1 Calibration Date: 04/15/2011 10:59  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4584.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		38480		1470	1500	-2.2	15.0
PCB-1016 Peak 2	Qua2		81681		1440	1500	-4.0	15.0
PCB-1016 Peak 3	Qua2		68845		1470	1500	-2.0	15.0
PCB-1016 Peak 4	Qua2		52277		1430	1500	-4.4	15.0
PCB-1016 Peak 5	Qua2		31254		1350	1500	-9.8	15.0
PCB-1260 Peak 1	Qua2		96949		1480	1500	-1.4	15.0
PCB-1260 Peak 2	Qua2		150827		1510	1500	0.6	15.0
PCB-1260 Peak 3	Qua2		61444		1540	1500	2.7	15.0
PCB-1260 Peak 4	Qua2		158637		1520	1500	1.1	15.0
PCB-1260 Peak 5	Qua2		95605		1540	1500	2.7	15.0
Dibutylchloredate	Qua2		2082766		105	100	5.0	15.0
DCB Decachlorobiphenyl	Qua2		1451806		97.9	100	-2.1	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79013/1 Calibration Date: 04/15/2011 10:59  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4584.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.40	4.30	4.50
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.59	8.49	8.69
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4584.D  
 Lims ID: ccv1500 Client ID:  
 Inject. Date: 15-Apr-2011 10:59:47 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: 79013 Lims Sample ID: 1  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 11:56:12 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 11:56:12

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	3.183	3.183	0.000	57719443	1467.3		100.0	
1	2	3.609	3.609	0.000	122522136	1440.3	187.2- 247.2	212.3	
1	3	4.395	4.395	0.000	103266877	1470.4	146.3- 206.3	178.9	
1	4	4.966	4.966	0.000	78415240	1434.3	109.2- 169.2	135.9	
1	5	5.519	5.519	0.000	46881484	1353.6	57.8- 117.8	81.2	
Average of Peak Amounts =						1433.2			
2	6	3.744	3.744	0.000	26438024	1335.5		100.0	
2	7	4.322	4.322	0.000	57571002	1316.8	192.3- 252.3	217.8	
2	8	5.212	5.212	0.000	46170423	1352.3	140.7- 200.7	174.6	
2	9	5.645	5.645	0.000	21133212	1348.4	47.3- 107.3	79.9	
2	10	5.938	5.938	0.000	37524668	1350.7	109.9- 169.9	141.9	
Average of Peak Amounts =						1340.7			
						RPD = 6.66			

11 PCB-1260

1	1	6.799	6.799	0.000	145423009	1479.1		100.0	
1	2	7.290	7.290	0.000	226240825	1508.4	121.7- 181.7	155.6	
1	3	7.529	7.529	0.000	92166489	1540.8	30.7- 90.7	63.4	
1	4	7.840	7.840	0.000	237955176	1516.9	128.0- 188.0	163.6	
1	5	8.593	8.593	0.000	143407182	1541.1	64.6- 124.6	98.6	
Average of Peak Amounts =						1517.2			
2	6	7.906	7.906	0.000	37325845	1377.0		100.0	
2	7	8.271	8.271	0.000	75210511	1388.0	175.0- 235.0	201.5	
2	8	8.696	8.696	0.000	90485828	1390.4	212.3- 272.3	242.4	
2	9	9.416	9.416	0.000	65844057	1396.8	147.4- 207.4	176.4	
2	10	9.807	9.807	0.000	72015524	1398.2	163.3- 223.3	192.9	
Average of Peak Amounts =						1390.1			
						RPD = 8.75			

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4584.D

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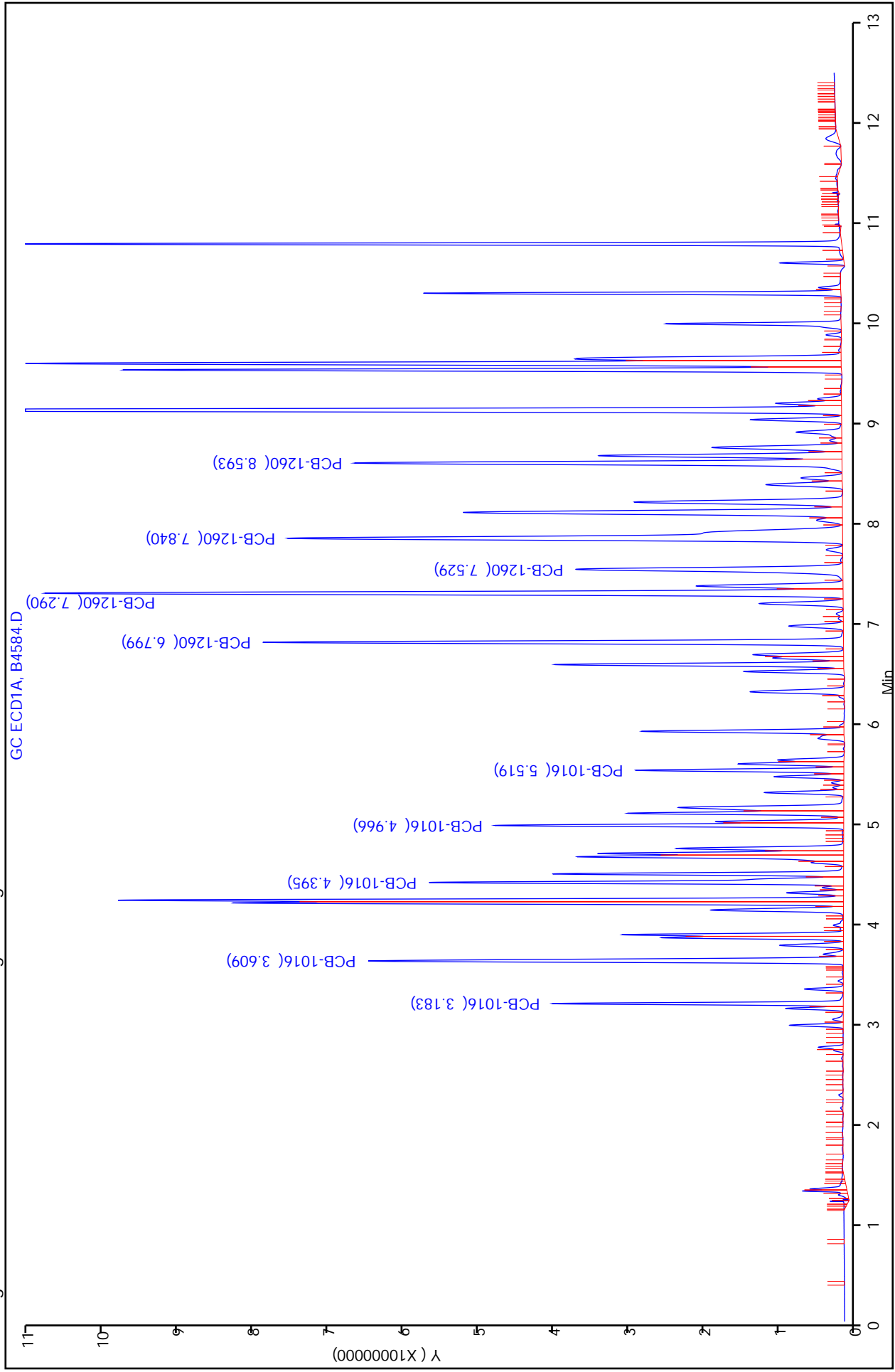
## \$ 3 Dibutylchlorendate

1	1	9.590	9.590	0.000	208276591	105.0			
2	2	10.318	10.318	0.000	69507738	87.2			
							RPD = 18.51		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.786	10.786	0.000	145180593	97.9			
2	2	11.639	11.639	0.000	75710243	93.4			
							RPD = 4.73		

Report Date: 15-Apr-2011 11:56:12 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4584.D  
Injection Date: 15-Apr-2011 10:59:47 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79013 Lims Sample ID: 1  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1242 510-79013/2 Calibration Date: 04/15/2011 11:14  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:00  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:00  
 Lab File ID: B4585.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	30952	31731		2050	2000	2.5	15.0
PCB-1242 Peak 2	Ave	65307	68172		2090	2000	4.4	15.0
PCB-1242 Peak 3	Ave	32128	33603		2090	2000	4.6	15.0
PCB-1242 Peak 4	Ave	29996	31521		2100	2000	5.1	15.0
PCB-1242 Peak 5	Ave	40033	42179		2110	2000	5.4	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1242 510-79013/2 Calibration Date: 04/15/2011 11:14  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:00  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 12:00  
 Lab File ID: B4585.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	3.18	3.08	3.28
PCB-1242 Peak 2	3.61	3.51	3.71
PCB-1242 Peak 3	4.48	4.38	4.58
PCB-1242 Peak 4	5.15	5.05	5.25
PCB-1242 Peak 5	5.62	5.52	5.72

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4585.D  
 Lims ID: ccv1242 Client ID:  
 Inject. Date: 15-Apr-2011 11:14:59 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: 79013 Lims Sample ID: 2  
 Sublist: chrom-PCBS\*sub4  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 11:56:25 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 11:56:25

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1	3.183	3.183	0.000	63461808	2050.3		100.0	5
1	2	3.612	3.612	0.000	136343711	2087.8	0.0- 30.0	214.8	
1	3	4.482	4.482	0.000	67206325	2091.9	0.0- 30.0	105.9	
1	4	5.145	5.145	0.000	63041887	2101.7	0.0- 30.0	99.3	
1	5	5.623	5.623	0.000	84358532	2107.2	0.0- 30.0	132.9	
Average of Peak Amounts =						2087.8			
2	6	3.744	3.744	0.000	29663739	1926.8		100.0	5
2	7	4.322	4.322	0.000	62886408	1895.7	0.0- 30.0	212.0	
2	8	5.211	5.211	0.000	50223214	1918.1	0.0- 30.0	169.3	
2	9	6.611	6.611	0.000	48059938	1949.3	0.0- 30.0	162.0	
2	10	6.998	6.998	0.000	48439348	1968.2	0.0- 30.0	163.3	
Average of Peak Amounts =						1931.6			
						RPD = 7.77			

QC Flag Legend

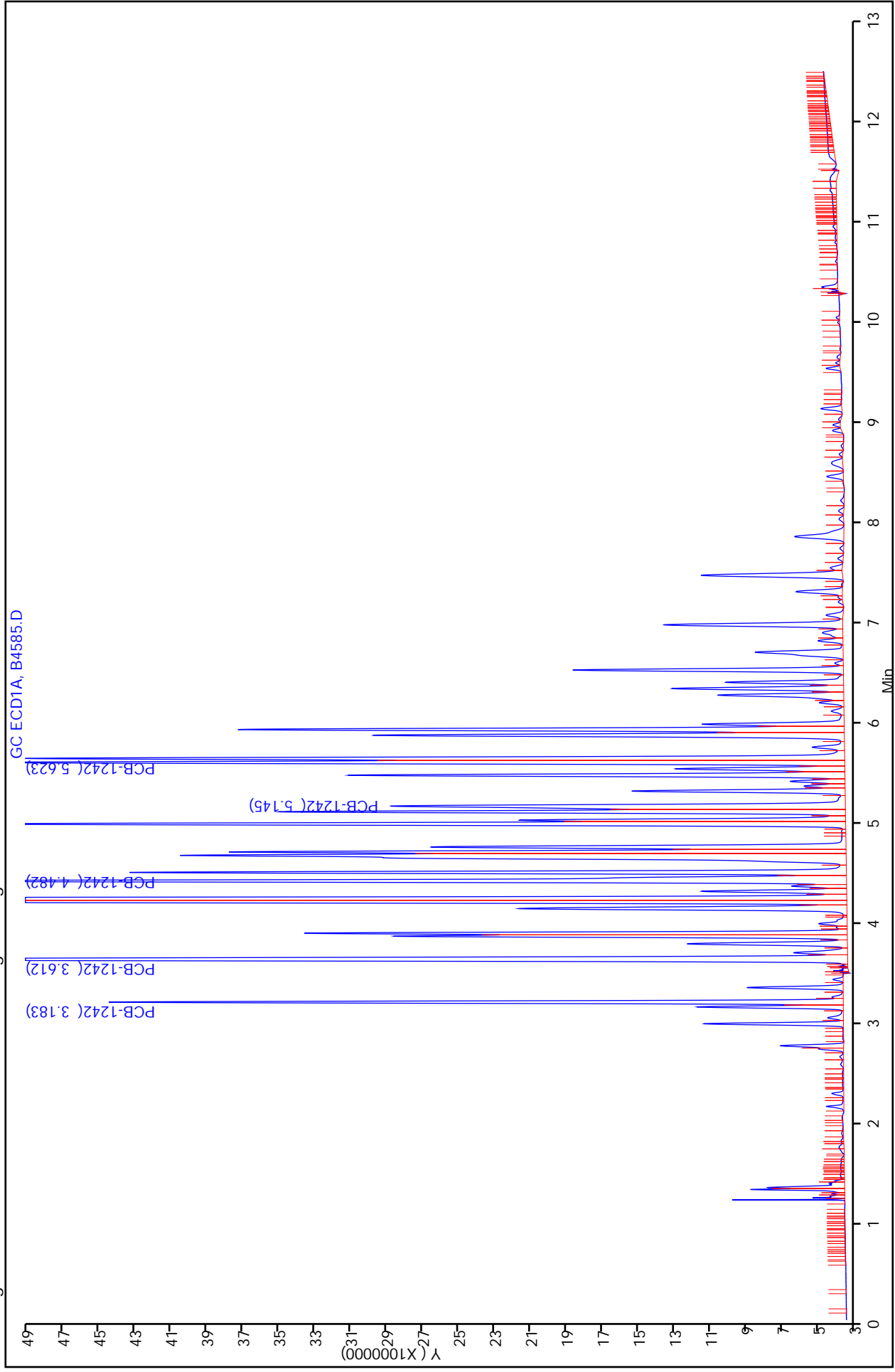
Processing Flags

5 - Exceeded Maximum Amount



Report Date: 15-Apr-2011 11:56:25  
 Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4585.D  
 Injection Date: 15-Apr-2011 11:14:59  
 Client ID:  
 Lims Batch ID: 79013  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 2  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1248 510-79013/3 Calibration Date: 04/15/2011 11:30  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:16  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:16  
 Lab File ID: B4586.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	33188	33904		2040	2000	2.2	15.0
PCB-1248 Peak 2	Ave	43534	45328		2080	2000	4.1	15.0
PCB-1248 Peak 3	Ave	48864	50433		2060	2000	3.2	15.0
PCB-1248 Peak 4	Ave	70791	74655		2110	2000	5.5	15.0
PCB-1248 Peak 5	Ave	40904	43156		2110	2000	5.5	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1248 510-79013/3 Calibration Date: 04/15/2011 11:30  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:16  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 12:16  
 Lab File ID: B4586.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	3.61	3.51	3.71
PCB-1248 Peak 2	4.22	4.12	4.32
PCB-1248 Peak 3	5.09	4.99	5.19
PCB-1248 Peak 4	5.62	5.52	5.72
PCB-1248 Peak 5	6.51	6.41	6.61

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4586.D  
 Lims ID: ccv1248 Client ID:  
 Inject. Date: 15-Apr-2011 11:30:10 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: 79013 Lims Sample ID: 3  
 Sublist: chrom-PCBS\*sub5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 11:56:38 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 11:56:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
6 PCB-1248									
1	1	3.610	3.610	0.000	67808611	2043.2		100.0	5
1	2	4.219	4.219	0.000	90655123	2082.4	0.0- 30.0	133.7	
1	3	5.089	5.089	0.000	100866878	2064.2	0.0- 30.0	148.8	
1	4	5.623	5.623	0.000	149310988	2109.2	0.0- 30.0	220.2	
1	5	6.508	6.508	0.000	86312252	2110.1	0.0- 30.0	127.3	
Average of Peak Amounts =						2081.8			
2	6	4.323	4.323	0.000	32380048	1905.2		100.0	5
2	7	5.210	5.210	0.000	29668718	1919.9	0.0- 30.0	91.6	
2	8	5.940	5.940	0.000	72066249	1929.3	0.0- 30.0	222.6	
2	9	6.611	6.611	0.000	93399456	1952.2	0.0- 30.0	288.4	
2	10	7.001	7.001	0.000	89812924	1960.4	0.0- 30.0	277.4	
Average of Peak Amounts =						1933.4			
						RPD = 7.39			

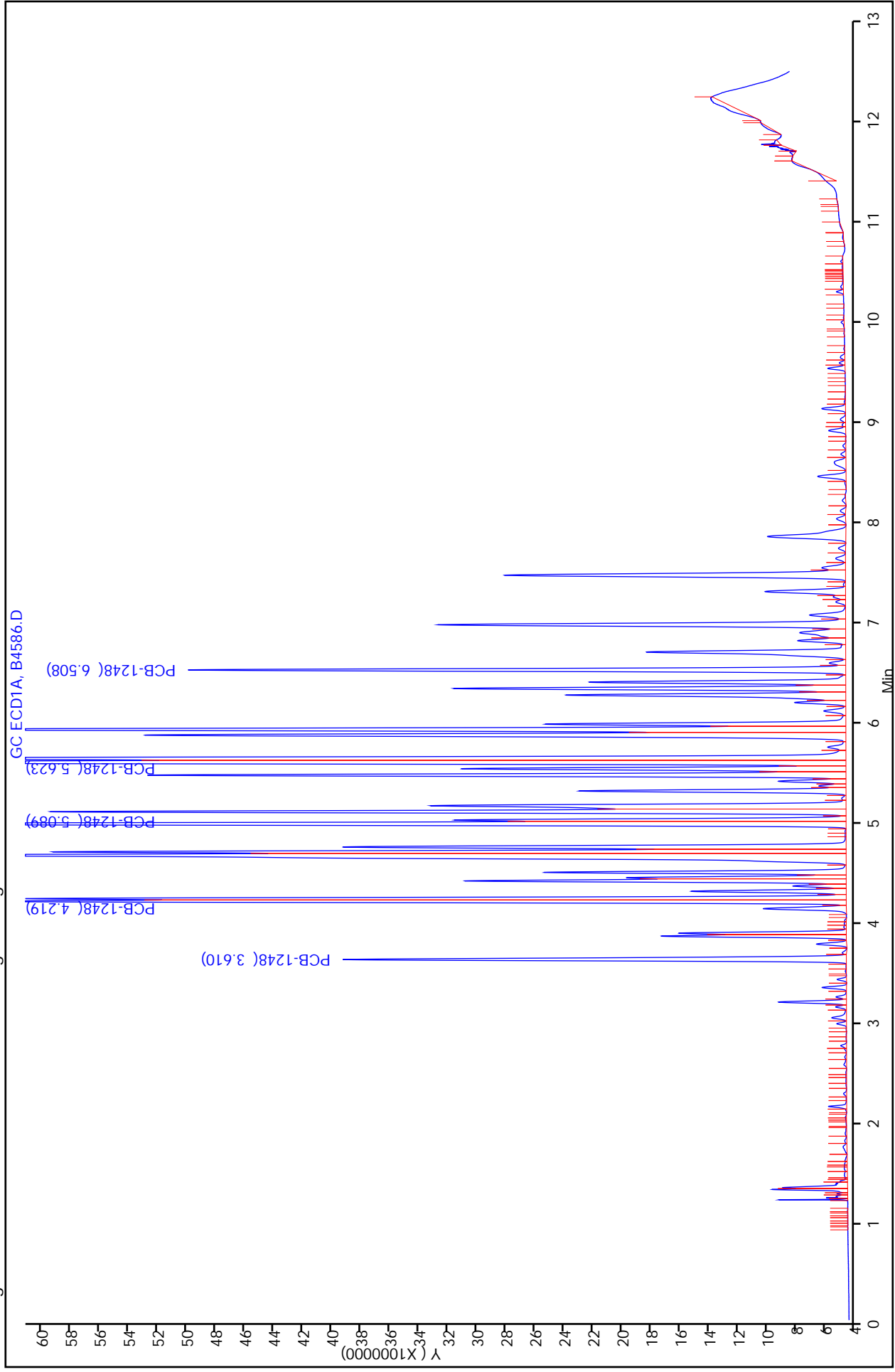
QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 15-Apr-2011 11:56:38 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsrv08\ChromData\SGCA\20110415-4720.b\B4586.D  
Injection Date: 15-Apr-2011 11:30:10 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79013 Lims Sample ID: 3  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1254 510-79013/4 Calibration Date: 04/15/2011 11:45  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:31  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:31  
 Lab File ID: B4587.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	35652	38580		2160	2000	8.2	15.0
PCB-1254 Peak 2	Ave	55734	60877		2180	2000	9.2	15.0
PCB-1254 Peak 3	Ave	113507	124022		2190	2000	9.3	15.0
PCB-1254 Peak 4	Ave	143412	158347		2210	2000	10.4	15.0
PCB-1254 Peak 5	Ave	127915	141349		2210	2000	10.5	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1254 510-79013/4 Calibration Date: 04/15/2011 11:45  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:31  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 12:31  
 Lab File ID: B4587.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1254 Peak 1	5.62	5.52	5.72
PCB-1254 Peak 2	6.32	6.22	6.42
PCB-1254 Peak 3	6.51	6.41	6.61
PCB-1254 Peak 4	6.96	6.86	7.06
PCB-1254 Peak 5	7.84	7.74	7.94

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4587.D  
 Lims ID: ccv1254 Client ID:  
 Inject. Date: 15-Apr-2011 11:45:14 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: 79013 Lims Sample ID: 4  
 Sublist: chrom-PCBS\*sub6  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 12:35:02 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 12:35:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
9 PCB-1254									
1	1	5.621	5.621	0.000	77159718	2164.2		100.0	5
1	2	6.321	6.321	0.000	121753879	2184.5	0.0- 30.0	157.8	
1	3	6.506	6.506	0.000	248043599	2185.3	0.0- 30.0	321.5	
1	4	6.958	6.958	0.000	316693489	2208.3	0.0- 30.0	410.4	
1	5	7.841	7.841	0.000	282698688	2210.0	0.0- 30.0	366.4	
Average of Peak Amounts =						2190.5			
2	6	6.607	6.607	0.000	64491948	2029.4		100.0	5
2	7	6.924	6.924	0.000	69896218	2035.8	0.0- 30.0	108.4	
2	8	7.829	7.829	0.000	123290053	2052.7	0.0- 30.0	191.2	
2	9	8.342	8.342	0.000	160616056	2080.0	0.0- 30.0	249.0	
2	10	9.285	9.285	0.000	137253105	2054.9	0.0- 30.0	212.8	
Average of Peak Amounts =						2050.6			
						RPD = 6.60			

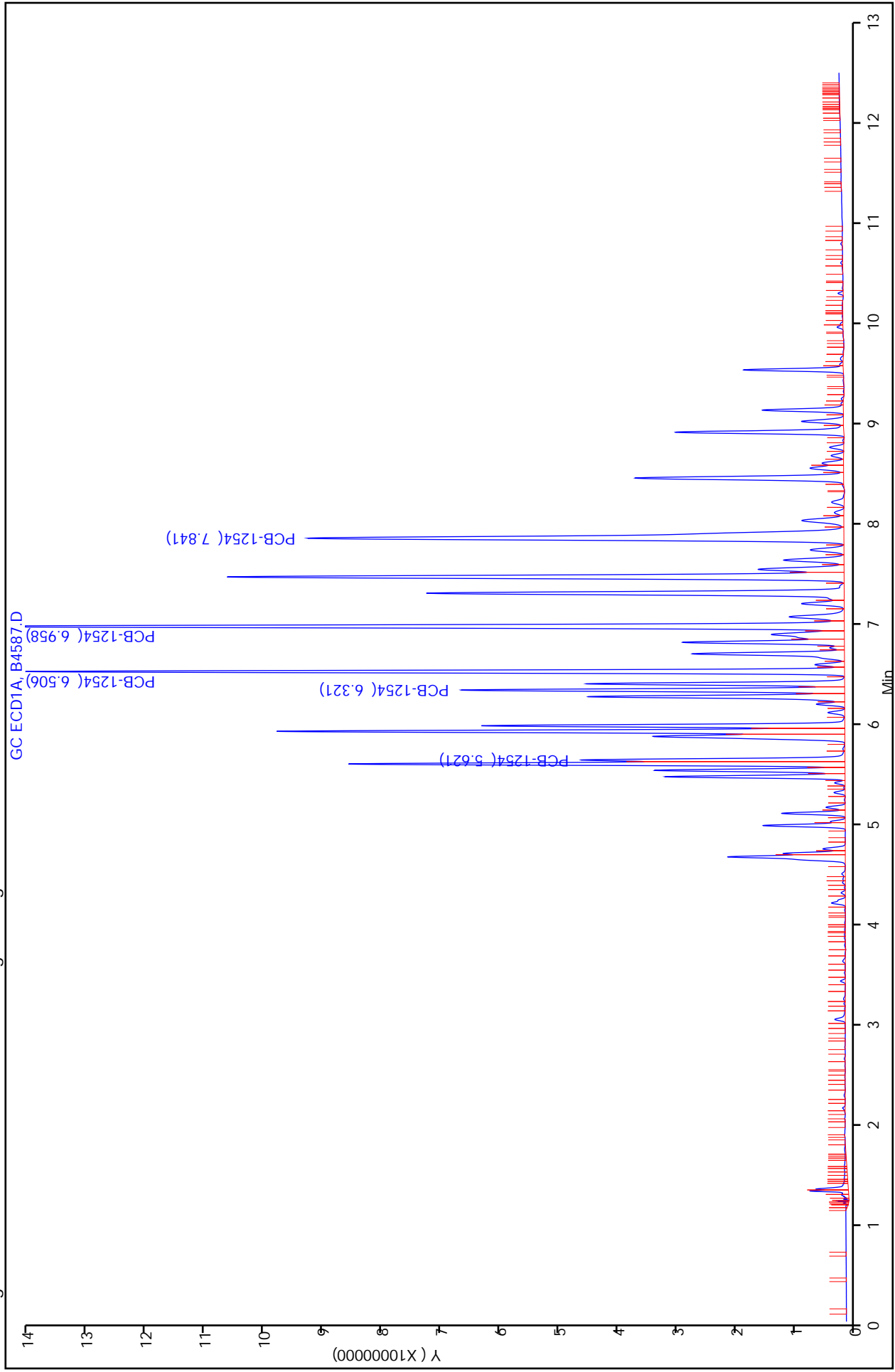
QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount



Report Date: 15-Apr-2011 12:35:02 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsrv08\ChromData\SGCA\20110415-4720.b\B4587.D  
 Injection Date: 15-Apr-2011 11:45:14 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 79013 Lims Sample ID: 4  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1000 510-79013/18 Calibration Date: 04/15/2011 16:20  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4601.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		36635		914	1000	-8.6	15.0
PCB-1016 Peak 2	Qua2		78806		908	1000	-9.2	15.0
PCB-1016 Peak 3	Qua2		66038		929	1000	-7.1	15.0
PCB-1016 Peak 4	Qua2		51044		922	1000	-7.8	15.0
PCB-1016 Peak 5	Qua2		32292		919	1000	-8.1	15.0
PCB-1260 Peak 1	Qua2		94204		944	1000	-5.6	15.0
PCB-1260 Peak 2	Qua2		144158		949	1000	-5.1	15.0
PCB-1260 Peak 3	Qua2		57448		959	1000	-4.1	15.0
PCB-1260 Peak 4	Qua2		152226		961	1000	-3.9	15.0
PCB-1260 Peak 5	Qua2		92042		980	1000	-2.0	15.0
Dibutylchloredate	Qua2		1912463		98.8	100	-1.2	15.0
DCB Decachlorobiphenyl	Qua2		1489214		100	100	0.2	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1000 510-79013/18 Calibration Date: 04/15/2011 16:20  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4601.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.39	4.29	4.49
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.59	8.49	8.69
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4601.D  
 Lims ID: ccv1000 Client ID:  
 Inject. Date: 15-Apr-2011 16:20:58 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: 79013 Lims Sample ID: 18  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 16:43:14 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 16:43:14

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	3.181	3.181	0.000	36634857	914.0		100.0	
1	2	3.607	3.607	0.000	78806207	907.6	187.2- 247.2	215.1	
1	3	4.393	4.393	0.000	66038380	929.1	146.3- 206.3	180.3	
1	4	4.965	4.965	0.000	51043993	922.2	109.2- 169.2	139.3	
1	5	5.516	5.516	0.000	32292121	919.3	57.8- 117.8	88.1	
Average of Peak Amounts =						918.4			
2	6	3.743	3.743	0.000	17872734	882.0		100.0	
2	7	4.321	4.321	0.000	38481214	858.8	192.3- 252.3	215.3	
2	8	5.210	5.210	0.000	30356913	874.4	140.7- 200.7	169.9	
2	9	5.643	5.643	0.000	13639228	848.2	47.3- 107.3	76.3	
2	10	5.937	5.937	0.000	24585885	869.9	109.9- 169.9	137.6	
Average of Peak Amounts =						866.7			

RPD = 5.80

11 PCB-1260

1	1	6.797	6.797	0.000	94203856	943.9		100.0	
1	2	7.288	7.288	0.000	144158360	949.0	121.7- 181.7	153.0	
1	3	7.528	7.528	0.000	57447929	958.7	30.7- 90.7	61.0	
1	4	7.837	7.837	0.000	152226388	961.3	128.0- 188.0	161.6	
1	5	8.592	8.592	0.000	92041610	979.5	64.6- 124.6	97.7	
Average of Peak Amounts =						958.5			
2	6	7.905	7.905	0.000	23981067	866.7		100.0	
2	7	8.269	8.269	0.000	49279225	893.2	175.0- 235.0	205.5	
2	8	8.695	8.695	0.000	59378935	893.6	212.3- 272.3	247.6	
2	9	9.415	9.415	0.000	43486839	907.1	147.4- 207.4	181.3	
2	10	9.806	9.806	0.000	48047226	914.1	163.3- 223.3	200.4	
Average of Peak Amounts =						894.9			

RPD = 6.86

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

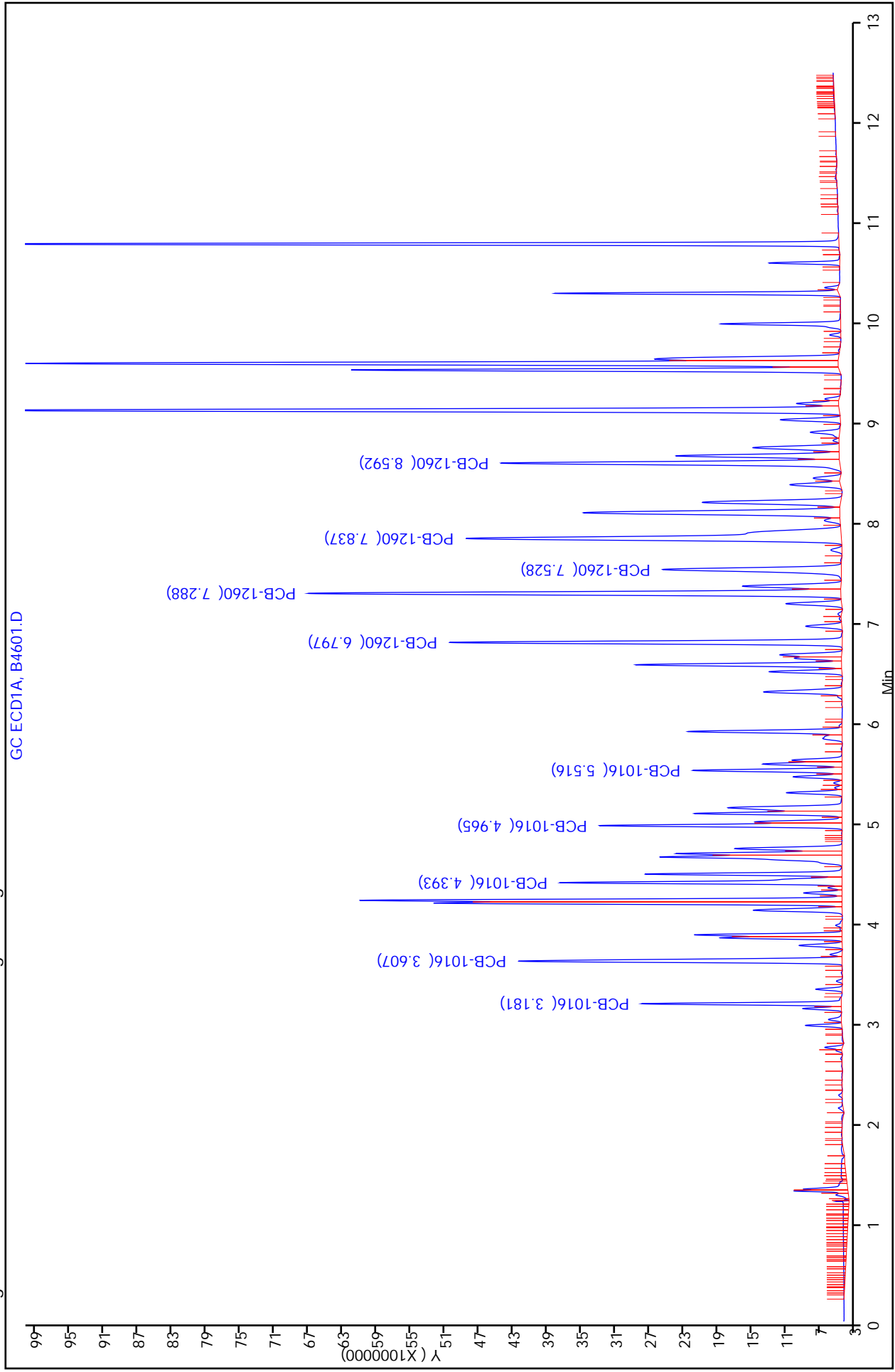
1	1	9.590	9.590	0.000	191246259	98.8			
2	2	10.317	10.317	0.000	75423731	94.1			
							RPD = 4.95		

\$ 2 DCB Decachlorobiphenyl

1	1	10.786	10.786	0.000	148921352	100.2			
2	2	11.639	11.639	0.000	79646291	98.0			
							RPD = 2.22		

Report Date: 15-Apr-2011 16:43:14  
 Data File: \\valsrv08\ChromData\SGCA\20110415-4720.b\B4601.D  
 Injection Date: 15-Apr-2011 16:20:58  
 Client ID: 79013  
 Lims Batch ID: 79013  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 18  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79013/32 Calibration Date: 04/15/2011 19:51  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4615.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		39505		1510	1500	0.5	15.0
PCB-1016 Peak 2	Qua2		83420		1470	1500	-1.8	15.0
PCB-1016 Peak 3	Qua2		70376		1500	1500	0.3	15.0
PCB-1016 Peak 4	Qua2		54053		1480	1500	-1.0	15.0
PCB-1016 Peak 5	Qua2		34437		1500	1500	-0.1	15.0
PCB-1260 Peak 1	Qua2		100215		1530	1500	2.1	15.0
PCB-1260 Peak 2	Qua2		155106		1550	1500	3.5	15.0
PCB-1260 Peak 3	Qua2		62451		1570	1500	4.4	15.0
PCB-1260 Peak 4	Qua2		164384		1570	1500	4.9	15.0
PCB-1260 Peak 5	Qua2		99340		1600	1500	6.9	15.0
Dibutylchloredate	Qua2		2241329		110	100	10.4	15.0
DCB Decachlorobiphenyl	Qua2		1578693		106	100	5.8	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79013/32 Calibration Date: 04/15/2011 19:51  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4615.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.39	4.29	4.49
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.59	8.49	8.69
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89



TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4615.D  
 Lims ID: ccv1500 Client ID:  
 Inject. Date: 15-Apr-2011 19:51:37 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: 79013 Lims Sample ID: 32  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 17-Apr-2011 09:34:41 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 17-Apr-2011 09:34:41

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.181	3.181	0.000	59257109	1508.2		100.0		
1	2	3.608	3.608	0.000	125130467	1472.7	187.2- 247.2	211.2		
1	3	4.394	4.394	0.000	105563976	1504.1	146.3- 206.3	178.1		
1	4	4.965	4.965	0.000	81079356	1484.6	109.2- 169.2	136.8		
1	5	5.517	5.517	0.000	51656095	1497.9	57.8- 117.8	87.2		
		Average of Peak Amounts =				1493.5				
2	6	3.744	3.744	0.000	27849948	1411.9		100.0		
2	7	4.321	4.321	0.000	60341875	1384.9	192.3- 252.3	216.7		
2	8	5.211	5.210	0.001	48695878	1429.7	140.7- 200.7	174.9		
2	9	5.644	5.644	0.000	21957816	1404.7	47.3- 107.3	78.8		
2	10	5.937	5.937	0.000	39359347	1419.9	109.9- 169.9	141.3		
		Average of Peak Amounts =				1410.2				
		RPD = 5.74								
11 PCB-1260										
1	1	6.798	6.798	0.000	150322448	1531.0		100.0		
1	2	7.289	7.289	0.000	232658965	1552.6	121.7- 181.7	154.8		
1	3	7.528	7.527	0.001	93676020	1566.1	30.7- 90.7	62.3		
1	4	7.840	7.838	0.002	246575652	1573.2	128.0- 188.0	164.0		
1	5	8.592	8.592	0.000	149009667	1602.8	64.6- 124.6	99.1		
		Average of Peak Amounts =				1565.1				
2	6	7.904	7.905	-0.001	39205317	1450.3		100.0		
2	7	8.270	8.269	0.001	78923396	1459.9	175.0- 235.0	201.3		
2	8	8.696	8.695	0.001	95975966	1479.9	212.3- 272.3	244.8		
2	9	9.415	9.414	0.001	70945739	1510.7	147.4- 207.4	181.0		
2	10	9.806	9.806	0.000	77597651	1513.5	163.3- 223.3	197.9		
		Average of Peak Amounts =				1482.8				
		RPD = 5.40								

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4615.D

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

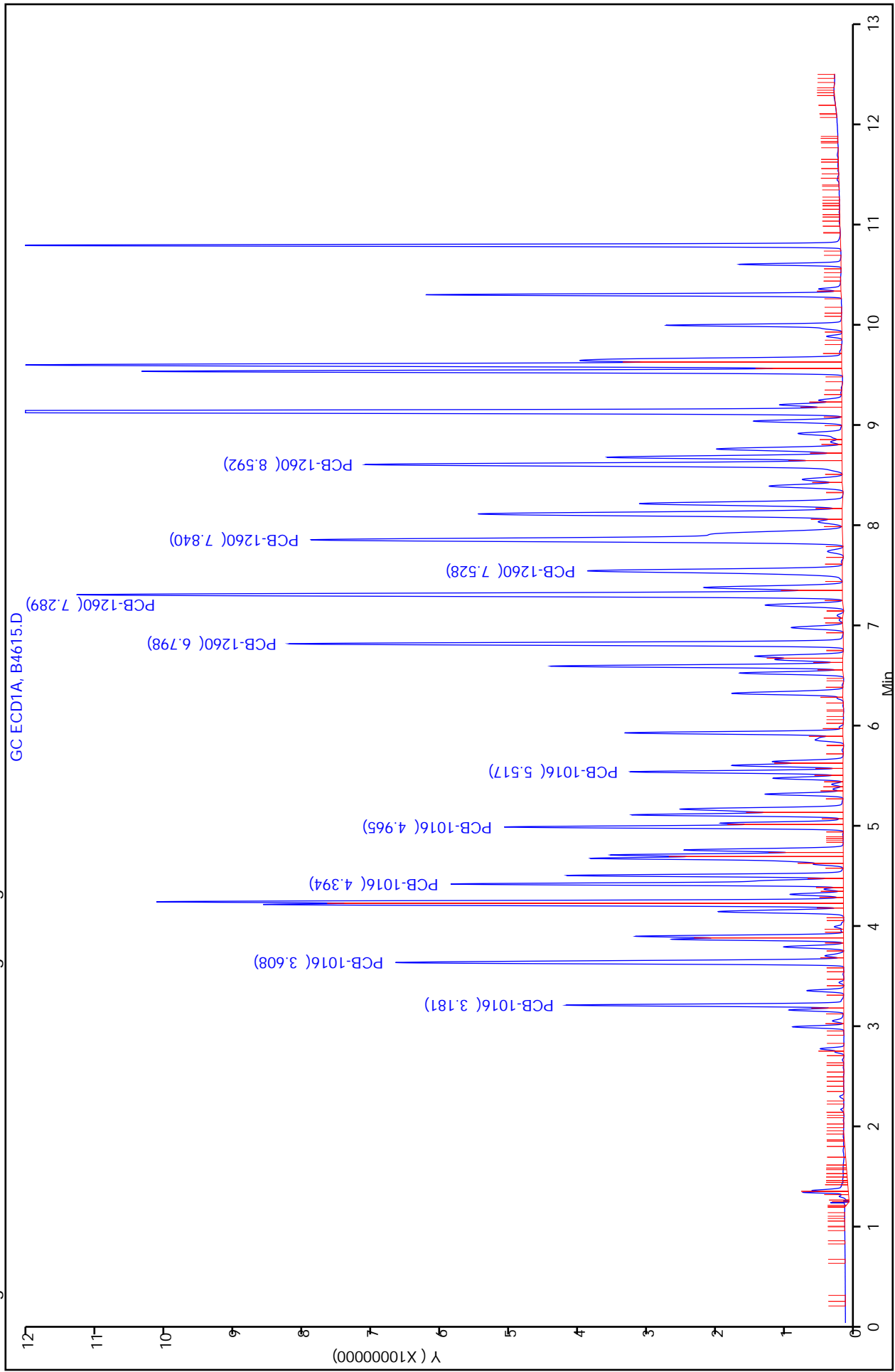
1	1	9.589	9.589	0.000	224132874	110.4			
2	2	10.317	10.316	0.001	78266215	97.3			
							RPD = 12.63		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.786	10.786	0.000	157869252	105.8			
2	2	11.640	11.640	0.000	81909376	100.7			
							RPD = 4.92		

Report Date: 17-Apr-2011 09:34:41  
 Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4615.D  
 Injection Date: 15-Apr-2011 19:51:37  
 Client ID: 79013  
 Lims Batch ID: 79013  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 32  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79092/1 Calibration Date: 04/18/2011 10:20  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4626.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		36334		1380	1500	-7.9	15.0
PCB-1016 Peak 2	Qua2		76905		1350	1500	-9.9	15.0
PCB-1016 Peak 3	Qua2		64358		1370	1500	-8.5	15.0
PCB-1016 Peak 4	Qua2		49492		1360	1500	-9.6	15.0
PCB-1016 Peak 5	Qua2		30938		1340	1500	-10.7	15.0
PCB-1260 Peak 1	Qua2		90522		1380	1500	-8.2	15.0
PCB-1260 Peak 2	Qua2		140364		1400	1500	-6.6	15.0
PCB-1260 Peak 3	Qua2		56354		1410	1500	-5.8	15.0
PCB-1260 Peak 4	Qua2		148428		1420	1500	-5.5	15.0
PCB-1260 Peak 5	Qua2		89614		1440	1500	-3.8	15.0
Dibutylchlorendate	Qua2		2091515		105	100	5.3	15.0
DCB Decachlorobiphenyl	Qua2		1467635		98.9	100	-1.1	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79092/1 Calibration Date: 04/18/2011 10:20  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4626.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.40	4.30	4.50
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.60	8.50	8.70
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4626.D  
 Lims ID: ccv1500 Client ID:  
 Inject. Date: 18-Apr-2011 10:20:24 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: 79092 Lims Sample ID: 1  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 10:56:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 10:56:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.182	3.182	0.000	54500931	1381.8		100.0		
1	2	3.609	3.609	0.000	115357322	1351.7	187.2- 247.2	211.7		
1	3	4.396	4.396	0.000	96537145	1371.8	146.3- 206.3	177.1		
1	4	4.966	4.966	0.000	74238494	1355.5	109.2- 169.2	136.2		
1	5	5.518	5.518	0.000	46407183	1339.3	57.8- 117.8	85.1		
		Average of Peak Amounts =				1360.0				
2	6	3.745	3.745	0.000	25264458	1272.3		100.0		
2	7	4.323	4.323	0.000	54717420	1247.1	192.3- 252.3	216.6		
2	8	5.212	5.212	0.000	44144625	1290.5	140.7- 200.7	174.7		
2	9	5.646	5.646	0.000	20066933	1275.9	47.3- 107.3	79.4		
2	10	5.939	5.939	0.000	35569922	1277.3	109.9- 169.9	140.8		
		Average of Peak Amounts =				1272.6				
		RPD = 6.64								
11 PCB-1260										
1	1	6.800	6.800	0.000	135783446	1377.3		100.0		
1	2	7.291	7.291	0.000	210545924	1400.6	121.7- 181.7	155.1		
1	3	7.530	7.530	0.000	84530498	1412.8	30.7- 90.7	62.3		
1	4	7.841	7.841	0.000	222641642	1417.1	128.0- 188.0	164.0		
1	5	8.595	8.595	0.000	134420806	1442.3	64.6- 124.6	99.0		
		Average of Peak Amounts =				1410.0				
2	6	7.907	7.907	0.000	35915769	1322.3		100.0		
2	7	8.272	8.272	0.000	72316482	1332.2	175.0- 235.0	201.4		
2	8	8.697	8.697	0.000	86906929	1332.4	212.3- 272.3	242.0		
2	9	9.416	9.416	0.000	63359528	1341.7	147.4- 207.4	176.4		
2	10	9.808	9.808	0.000	69270555	1341.9	163.3- 223.3	192.9		
		Average of Peak Amounts =				1334.1				
		RPD = 5.53								

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4626.D

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

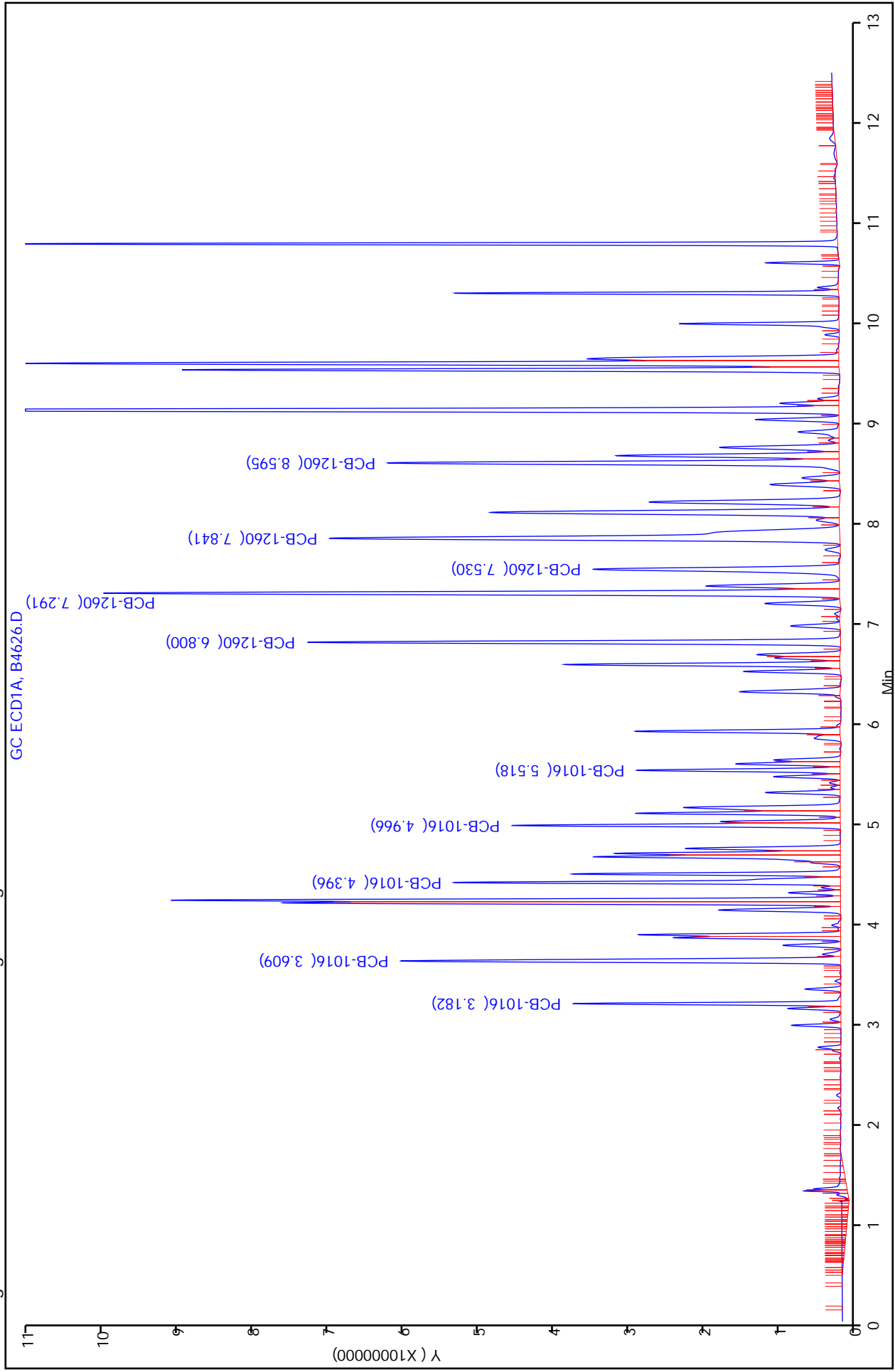
1	1	9.590	9.590	0.000	209151489	105.3			
2	2	10.318	10.318	0.000	73099436	91.4			
							RPD = 14.13		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.787	10.787	0.000	146763470	98.9			
2	2	11.641	11.641	0.000	76921049	94.8			
							RPD = 4.21		

Report Date: 18-Apr-2011 10:56:10 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\vaisvr08\ChromData\SGCA\20110418-4733.b\B4626.D  
Injection Date: 18-Apr-2011 10:20:24 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 1  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1242 510-79092/2 Calibration Date: 04/18/2011 10:35  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:00  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:00  
 Lab File ID: B4627.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	30952	31491		2030	2000	1.7	15.0
PCB-1242 Peak 2	Ave	65307	66461		2040	2000	1.8	15.0
PCB-1242 Peak 3	Ave	32128	32453		2020	2000	1.0	15.0
PCB-1242 Peak 4	Ave	29996	30614		2040	2000	2.1	15.0
PCB-1242 Peak 5	Ave	40033	41799		2090	2000	4.4	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1242 510-79092/2 Calibration Date: 04/18/2011 10:35  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:00  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 12:00  
 Lab File ID: B4627.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	3.18	3.08	3.28
PCB-1242 Peak 2	3.61	3.51	3.71
PCB-1242 Peak 3	4.48	4.38	4.58
PCB-1242 Peak 4	5.15	5.05	5.25
PCB-1242 Peak 5	5.62	5.52	5.72

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4627.D  
 Lims ID: ccv1242 Client ID:  
 Inject. Date: 18-Apr-2011 10:35:32 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: 79092 Lims Sample ID: 2  
 Sublist: chrom-PCBS\*sub4  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 10:56:29 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 10:56:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1	3.183	3.183	0.000	62981018	2034.8		100.0	5
1	2	3.610	3.610	0.000	132921315	2035.3	0.0- 30.0	211.0	
1	3	4.482	4.482	0.000	64905792	2020.2	0.0- 30.0	103.1	
1	4	5.146	5.146	0.000	61227713	2041.2	0.0- 30.0	97.2	
1	5	5.623	5.623	0.000	83598571	2088.3	0.0- 30.0	132.7	
Average of Peak Amounts =						2044.0			
2	6	3.745	3.745	0.000	29511482	1916.9		100.0	5
2	7	4.323	4.323	0.000	63110829	1902.4	0.0- 30.0	213.9	
2	8	5.211	5.211	0.000	50181008	1916.5	0.0- 30.0	170.0	
2	9	6.610	6.610	0.000	48527367	1968.3	0.0- 30.0	164.4	
2	10	6.999	6.999	0.000	48725923	1979.9	0.0- 30.0	165.1	
Average of Peak Amounts =						1936.8			
						RPD = 5.38			

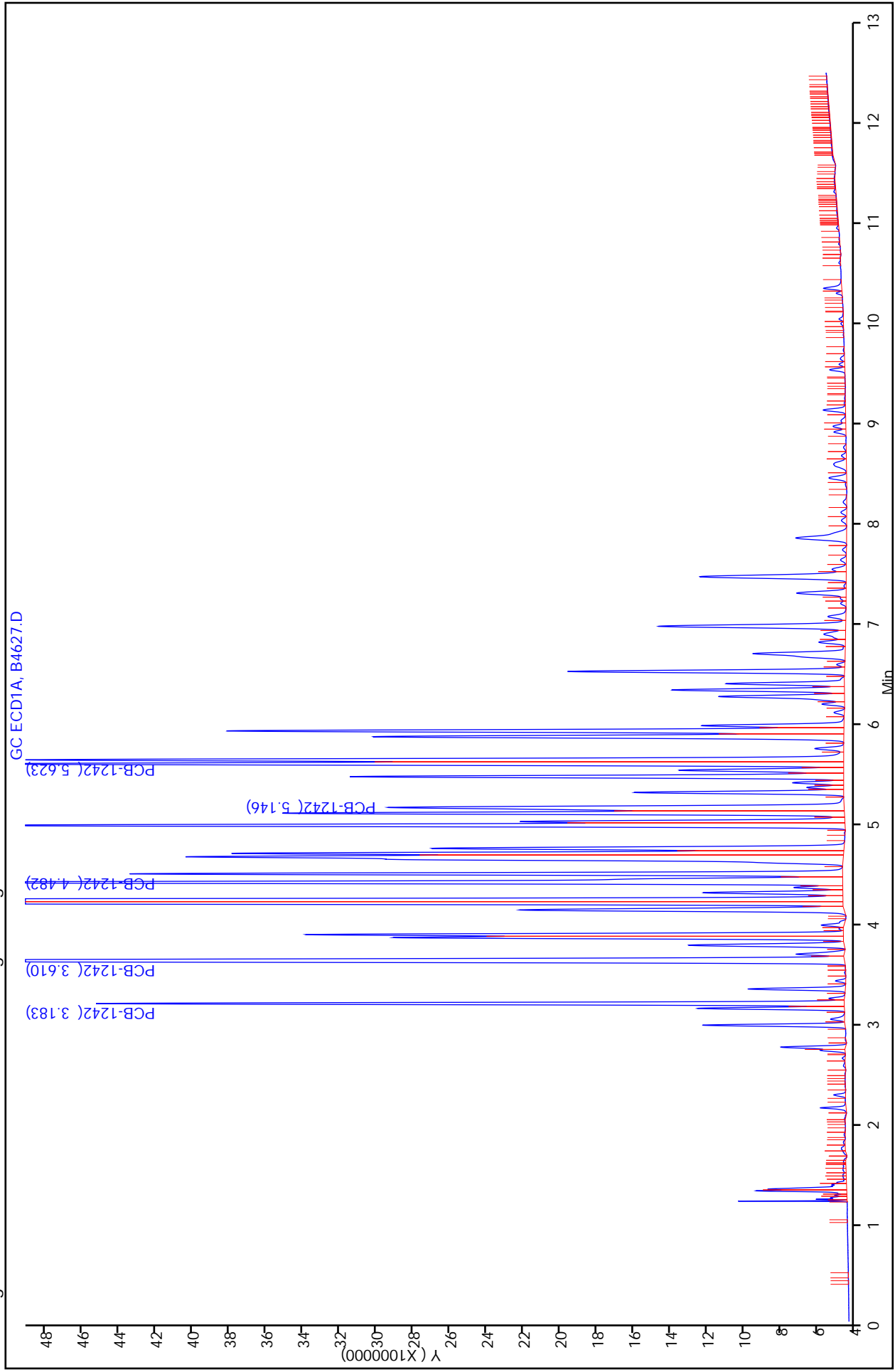
QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 18-Apr-2011 10:56:29 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4627.D  
Injection Date: 18-Apr-2011 10:35:32 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 2  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1248 510-79092/3 Calibration Date: 04/18/2011 10:50  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:16  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:16  
 Lab File ID: B4628.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	33188	34351		2070	2000	3.5	15.0
PCB-1248 Peak 2	Ave	43534	45609		2100	2000	4.8	15.0
PCB-1248 Peak 3	Ave	48864	51358		2100	2000	5.1	15.0
PCB-1248 Peak 4	Ave	70791	76150		2150	2000	7.6	15.0
PCB-1248 Peak 5	Ave	40904	44914		2200	2000	9.8	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1248 510-79092/3 Calibration Date: 04/18/2011 10:50  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:16  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 12:16  
 Lab File ID: B4628.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	3.61	3.51	3.71
PCB-1248 Peak 2	4.22	4.12	4.32
PCB-1248 Peak 3	5.09	4.99	5.19
PCB-1248 Peak 4	5.62	5.52	5.72
PCB-1248 Peak 5	6.51	6.41	6.61

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4628.D  
 Lims ID: ccv1248 Client ID:  
 Inject. Date: 18-Apr-2011 10:50:33 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: 79092 Lims Sample ID: 3  
 Sublist: chrom-PCBS\*sub5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 11:05:13 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 11:05:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
6 PCB-1248									
1	1	3.608	3.608	0.000	68702619	2070.1		100.0	5
1	2	4.217	4.217	0.000	91217258	2095.3	0.0- 30.0	132.8	
1	3	5.087	5.087	0.000	102715313	2102.1	0.0- 30.0	149.5	
1	4	5.622	5.622	0.000	152300254	2151.4	0.0- 30.0	221.7	
1	5	6.507	6.507	0.000	89827145	2196.1	0.0- 30.0	130.7	
Average of Peak Amounts =						2123.0			
2	6	4.322	4.322	0.000	33019174	1942.8		100.0	5
2	7	5.209	5.209	0.000	30216745	1955.3	0.0- 30.0	91.5	
2	8	5.939	5.939	0.000	73931187	1979.2	0.0- 30.0	223.9	
2	9	6.609	6.609	0.000	96391008	2014.7	0.0- 30.0	291.9	
2	10	7.000	7.000	0.000	92780624	2025.2	0.0- 30.0	281.0	
Average of Peak Amounts =						1983.4			
						RPD = 6.80			

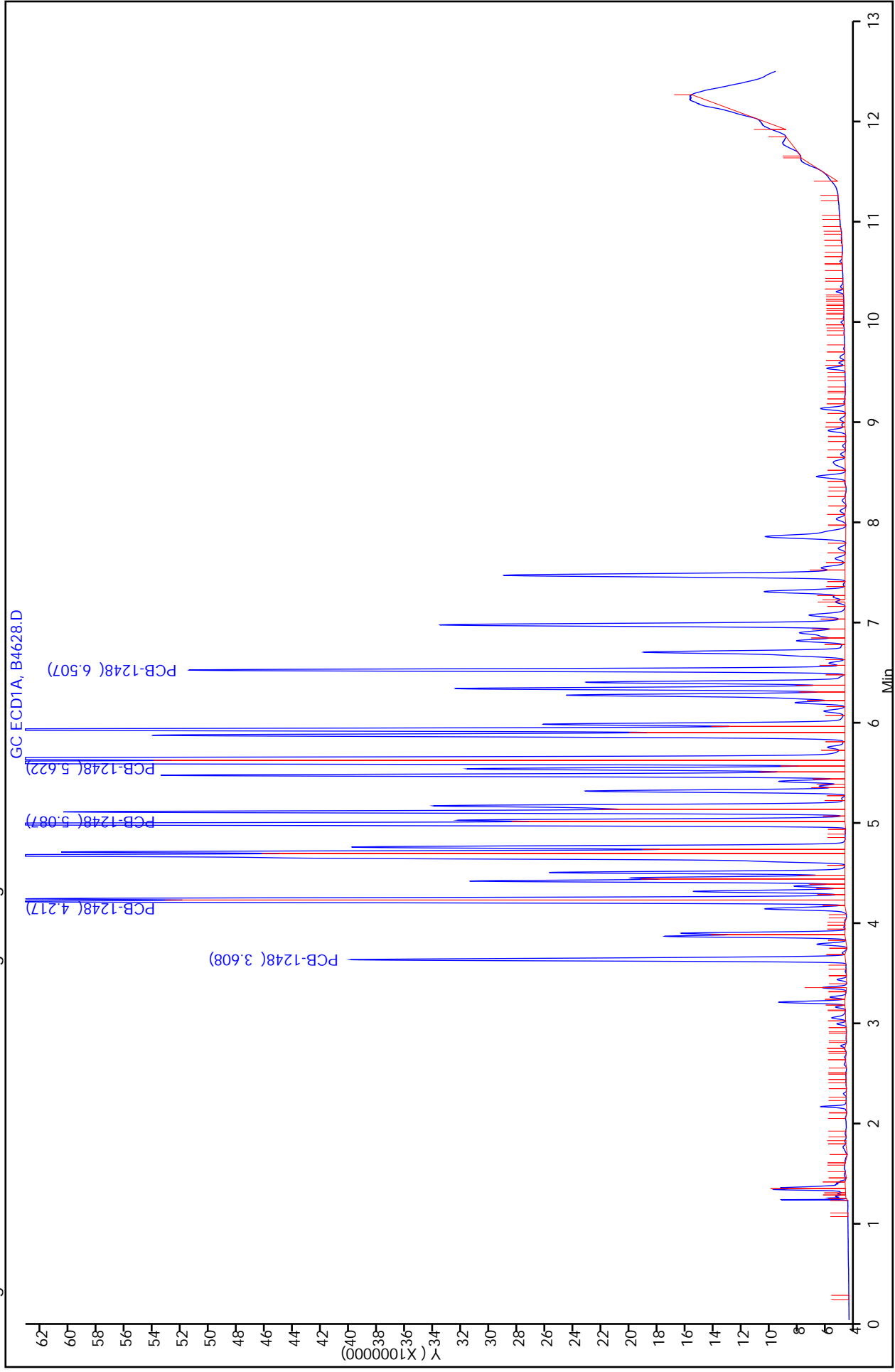
QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 18-Apr-2011 11:05:13  
 Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4628.D  
 Injection Date: 18-Apr-2011 10:50:33  
 Client ID:  
 Lims Batch ID: 79092  
 Operator ID:  
 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 3  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1254 510-79092/4 Calibration Date: 04/18/2011 11:05  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:31  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:31  
 Lab File ID: B4629.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	35652	39189		2200	2000	9.9	15.0
PCB-1254 Peak 2	Ave	55734	63002		2260	2000	13.0	15.0
PCB-1254 Peak 3	Ave	113507	128975		2270	2000	13.6	15.0
PCB-1254 Peak 4	Ave	143412	165401		2310	2000	15.3*	15.0
PCB-1254 Peak 5	Ave	127915	148962		2330	2000	16.5*	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1254 510-79092/4 Calibration Date: 04/18/2011 11:05  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:31  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:31  
 Lab File ID: B4629.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1254 Peak 1	5.62	5.52	5.72
PCB-1254 Peak 2	6.32	6.22	6.42
PCB-1254 Peak 3	6.51	6.41	6.61
PCB-1254 Peak 4	6.96	6.86	7.06
PCB-1254 Peak 5	7.84	7.74	7.94

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4629.D  
 Lims ID: ccv1254 Client ID:  
 Inject. Date: 18-Apr-2011 11:05:33 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: 79092 Lims Sample ID: 4  
 Sublist: chrom-PCBS\*sub6  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 11:51:20 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 11:51:20

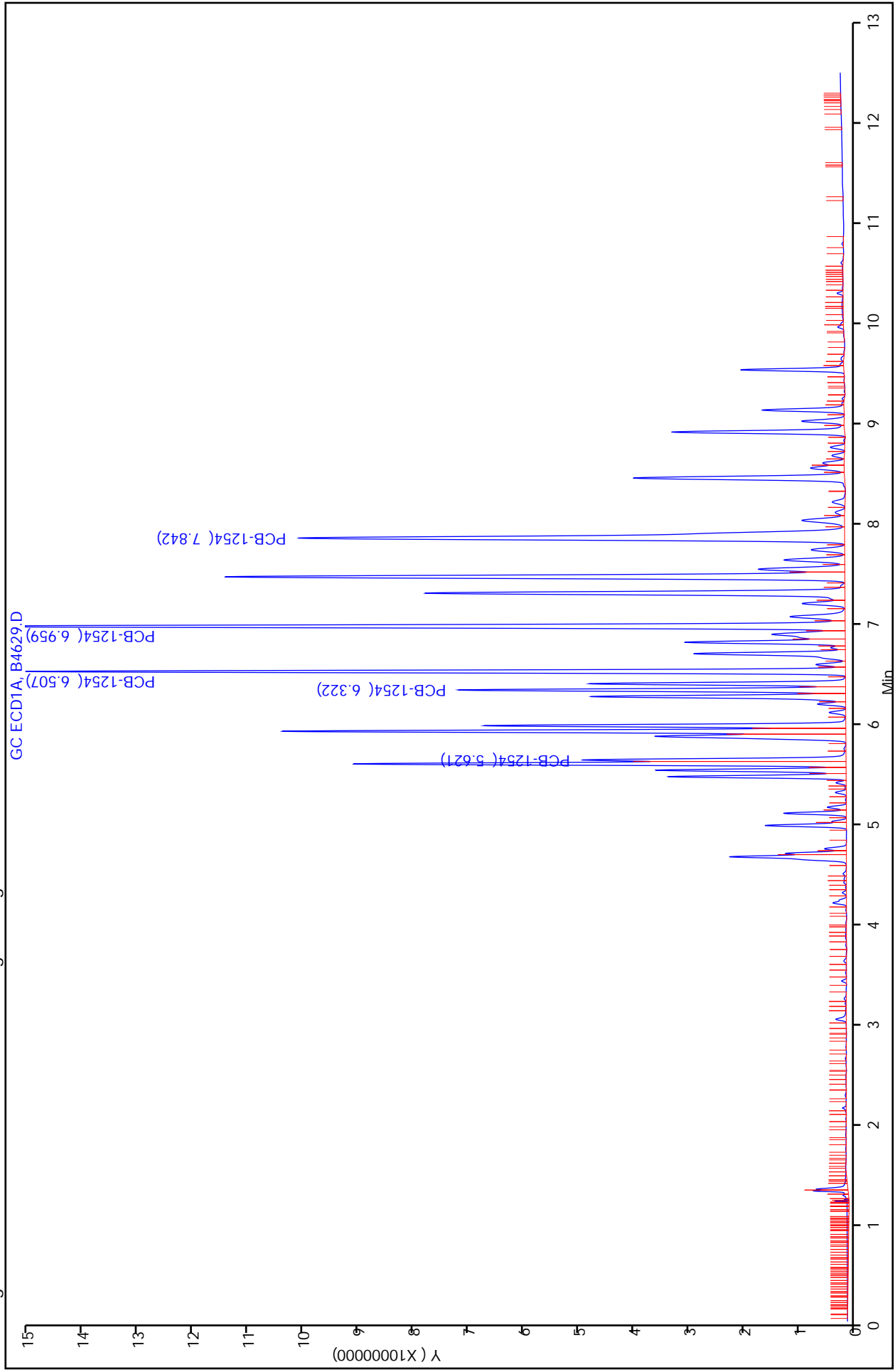
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
9 PCB-1254									
1	1	5.621	5.621	0.000	78378393	2198.4		100.0	5
1	2	6.322	6.322	0.000	126004275	2260.8	0.0- 30.0	160.8	
1	3	6.507	6.507	0.000	257950052	2272.5	0.0- 30.0	329.1	
1	4	6.959	6.959	0.000	330802479	2306.7	0.0- 30.0	422.1	
1	5	7.842	7.842	0.000	297923610	2329.1	0.0- 30.0	380.1	
Average of Peak Amounts =						2273.5			
2	6	6.607	6.607	0.000	67529397	2125.0		100.0	5
2	7	6.924	6.924	0.000	73271604	2134.1	0.0- 30.0	108.5	
2	8	7.829	7.829	0.000	130439843	2171.7	0.0- 30.0	193.2	
2	9	8.343	8.343	0.000	170648543	2210.0	0.0- 30.0	252.7	
2	10	9.287	9.287	0.000	149128628	2232.7	0.0- 30.0	220.8	
Average of Peak Amounts =						2174.7			
						RPD = 4.44			

QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 18-Apr-2011 11:51:20 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsrv08\ChromData\SGCA\20110418-4733.b\B4629.D  
Injection Date: 18-Apr-2011 11:05:33 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 4  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1000 510-79092/16 Calibration Date: 04/18/2011 14:05  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4641.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		39715		994	1000	-0.6	15.0
PCB-1016 Peak 2	Qua2		84452		975	1000	-2.5	15.0
PCB-1016 Peak 3	Qua2		71634		1010	1000	1.0	15.0
PCB-1016 Peak 4	Qua2		55460		1000	1000	0.4	15.0
PCB-1016 Peak 5	Qua2		35481		1010	1000	1.3	15.0
PCB-1260 Peak 1	Qua2		104315		1050	1000	4.8	15.0
PCB-1260 Peak 2	Qua2		160875		1060	1000	6.2	15.0
PCB-1260 Peak 3	Qua2		64251		1070	1000	7.3	15.0
PCB-1260 Peak 4	Qua2		169550		1070	1000	7.3	15.0
PCB-1260 Peak 5	Qua2		102668		1100	1000	9.5	15.0
Dibutylchloredate	Qua2		2123414		106	100	6.4	15.0
DCB Decachlorobiphenyl	Qua2		1498914		101	100	0.9	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1000 510-79092/16 Calibration Date: 04/18/2011 14:05  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4641.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.40	4.30	4.50
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.59	8.49	8.69
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4641.D  
 Lims ID: ccv1000 Client ID:  
 Inject. Date: 18-Apr-2011 14:05:23 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: 79092 Lims Sample ID: 16  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 14:50:38 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 14:50:38

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	3.182	3.182	0.000	39714515	993.8		100.0	
1	2	3.609	3.609	0.000	84452437	975.4	187.2- 247.2	212.6	
1	3	4.395	4.395	0.000	71633611	1009.8	146.3- 206.3	180.4	
1	4	4.965	4.965	0.000	55460119	1004.2	109.2- 169.2	139.6	
1	5	5.517	5.517	0.000	35480935	1013.3	57.8- 117.8	89.3	
Average of Peak Amounts =						999.3			
2	6	3.744	3.744	0.000	18549941	917.2		100.0	
2	7	4.322	4.322	0.000	40518670	906.8	192.3- 252.3	218.4	
2	8	5.210	5.210	0.000	32886421	950.1	140.7- 200.7	177.3	
2	9	5.644	5.644	0.000	15132188	946.2	47.3- 107.3	81.6	
2	10	5.937	5.937	0.000	27111802	962.9	109.9- 169.9	146.2	
Average of Peak Amounts =						936.6			

RPD = 6.47

11 PCB-1260

1	1	6.799	6.799	0.000	104314697	1048.5		100.0	
1	2	7.289	7.289	0.000	160875454	1062.0	121.7- 181.7	154.2	
1	3	7.528	7.528	0.000	64250925	1072.8	30.7- 90.7	61.6	
1	4	7.839	7.839	0.000	169549996	1073.0	128.0- 188.0	162.5	
1	5	8.593	8.593	0.000	102667865	1095.1	64.6- 124.6	98.4	
Average of Peak Amounts =						1070.3			
2	6	7.905	7.905	0.000	27409933	996.3		100.0	
2	7	8.270	8.270	0.000	55618838	1013.1	175.0- 235.0	202.9	
2	8	8.695	8.695	0.000	67601334	1023.2	212.3- 272.3	246.6	
2	9	9.414	9.414	0.000	49723721	1042.3	147.4- 207.4	181.4	
2	10	9.805	9.805	0.000	54335397	1039.5	163.3- 223.3	198.2	
Average of Peak Amounts =						1022.9			

RPD = 4.53

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4641.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	9.590	9.590	0.000	212341375	106.4			
2	2	10.317	10.317	0.000	85250896	105.3			

RPD = 1.07

## \$ 2 DCB Decachlorobiphenyl

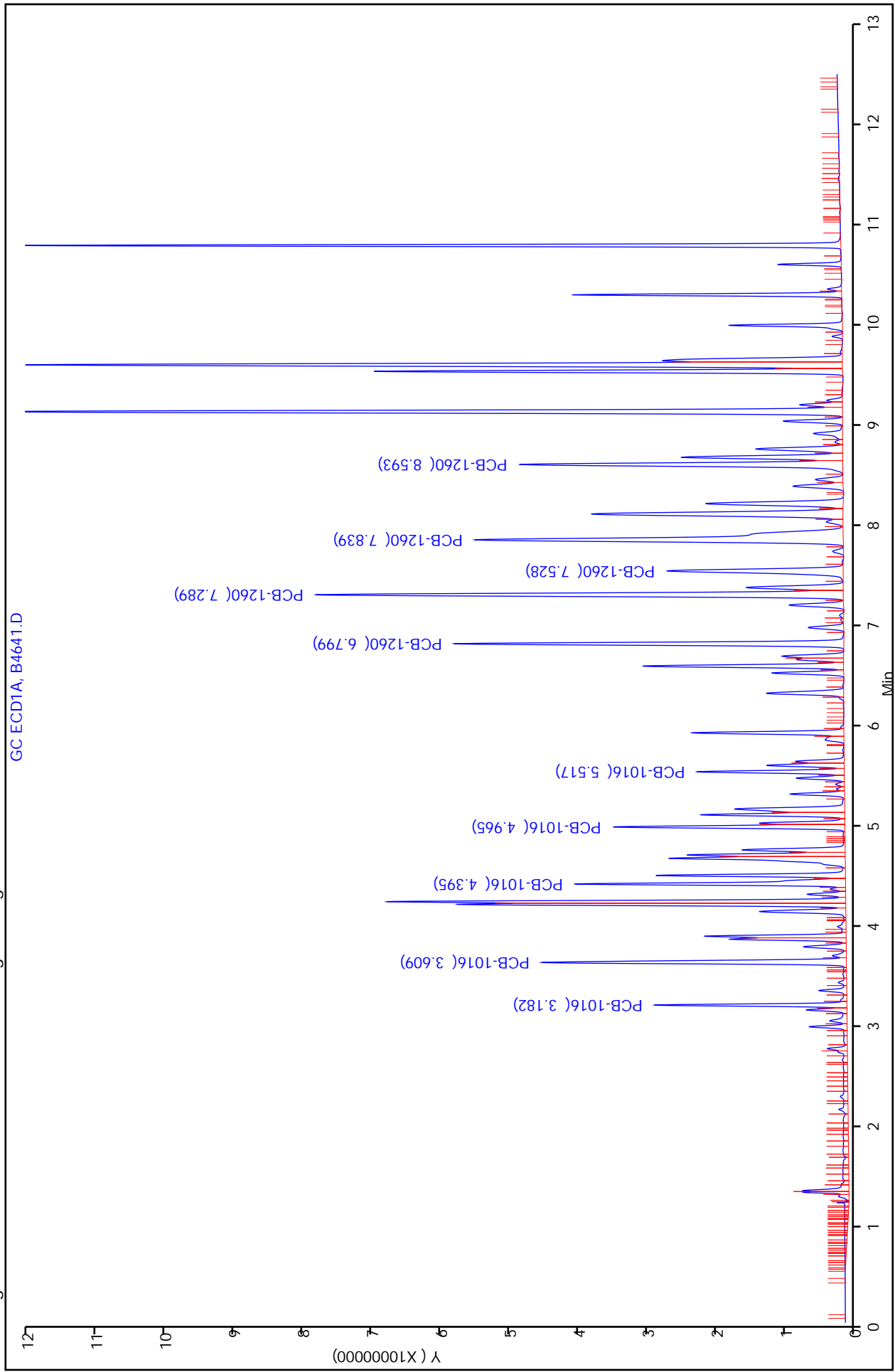
1	1	10.785	10.785	0.000	149891423	100.9			
2	2	11.639	11.639	0.000	81326321	100.0			

RPD = 0.82



Report Date: 18-Apr-2011 14:50:38  
 Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4641.D  
 Injection Date: 18-Apr-2011 14:05:23  
 Client ID:  
 Lims Batch ID: 79092  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 16  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79092/20 Calibration Date: 04/18/2011 16:08  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4645.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		34363		1300	1500	-13.1	15.0
PCB-1016 Peak 2	Qua2		75757		1330	1500	-11.3	15.0
PCB-1016 Peak 3	Qua2		63488		1350	1500	-9.8	15.0
PCB-1016 Peak 4	Qua2		49193		1350	1500	-10.2	15.0
PCB-1016 Peak 5	Qua2		31251		1350	1500	-9.8	15.0
PCB-1260 Peak 1	Qua2		90752		1380	1500	-7.9	15.0
PCB-1260 Peak 2	Qua2		140734		1400	1500	-6.4	15.0
PCB-1260 Peak 3	Qua2		56281		1410	1500	-5.9	15.0
PCB-1260 Peak 4	Qua2		148442		1420	1500	-5.5	15.0
PCB-1260 Peak 5	Qua2		89707		1440	1500	-3.7	15.0
Dibutylchloredate	Qua2		2087288		105	100	5.1	15.0
DCB Decachlorobiphenyl	Qua2		1447202		97.6	100	-2.4	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79092/20 Calibration Date: 04/18/2011 16:08  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4645.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.19	3.09	3.29
PCB-1016 Peak 2	3.62	3.52	3.72
PCB-1016 Peak 3	4.41	4.31	4.51
PCB-1016 Peak 4	4.98	4.88	5.08
PCB-1016 Peak 5	5.53	5.43	5.63
PCB-1260 Peak 1	6.81	6.71	6.91
PCB-1260 Peak 2	7.31	7.21	7.41
PCB-1260 Peak 3	7.55	7.45	7.65
PCB-1260 Peak 4	7.86	7.76	7.96
PCB-1260 Peak 5	8.61	8.51	8.71
Dibutylchloroendate	9.60	9.50	9.70
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4645.D  
 Lims ID: ccv1500 Client ID:  
 Inject. Date: 18-Apr-2011 16:08:06 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: 79092 Lims Sample ID: 20  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110418-4733.b\PCBS.m  
 Last Update: 18-Apr-2011 16:26:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 18-Apr-2011 16:26:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.194	3.194	0.000	51545221	1303.6		100.0		
1	2	3.622	3.622	0.000	113635548	1330.5	187.2- 247.2	220.5		
1	3	4.409	4.409	0.000	95231488	1352.7	146.3- 206.3	184.8		
1	4	4.981	4.981	0.000	73789313	1347.0	109.2- 169.2	143.2		
1	5	5.532	5.532	0.000	46876539	1353.4	57.8- 117.8	90.9		
		Average of Peak Amounts =				1337.5				
2	6	3.747	3.747	0.000	25615063	1291.1		100.0		
2	7	4.324	4.324	0.000	55263096	1260.4	192.3- 252.3	215.7		
2	8	5.214	5.214	0.000	44702989	1307.5	140.7- 200.7	174.5		
2	9	5.647	5.647	0.000	20601703	1312.2	47.3- 107.3	80.4		
2	10	5.941	5.941	0.000	36477685	1311.4	109.9- 169.9	142.4		
		Average of Peak Amounts =				1296.5				
		RPD = 3.11								
11 PCB-1260										
1	1	6.814	6.814	0.000	136128319	1380.9		100.0		
1	2	7.306	7.306	0.000	211101536	1404.4	121.7- 181.7	155.1		
1	3	7.545	7.545	0.000	84421411	1411.0	30.7- 90.7	62.0		
1	4	7.857	7.857	0.000	222663584	1417.2	128.0- 188.0	163.6		
1	5	8.607	8.607	0.000	134560459	1443.8	64.6- 124.6	98.8		
		Average of Peak Amounts =				1411.5				
2	6	7.910	7.910	0.000	36411127	1341.5		100.0		
2	7	8.273	8.273	0.000	73306185	1351.2	175.0- 235.0	201.3		
2	8	8.699	8.699	0.000	88183162	1353.0	212.3- 272.3	242.2		
2	9	9.418	9.418	0.000	64340470	1363.4	147.4- 207.4	176.7		
2	10	9.809	9.809	0.000	70202706	1361.0	163.3- 223.3	192.8		
		Average of Peak Amounts =				1354.0				
		RPD = 4.15								

Data File: \\valsvr08\ChromData\SGCA\20110418-4733.b\B4645.D

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

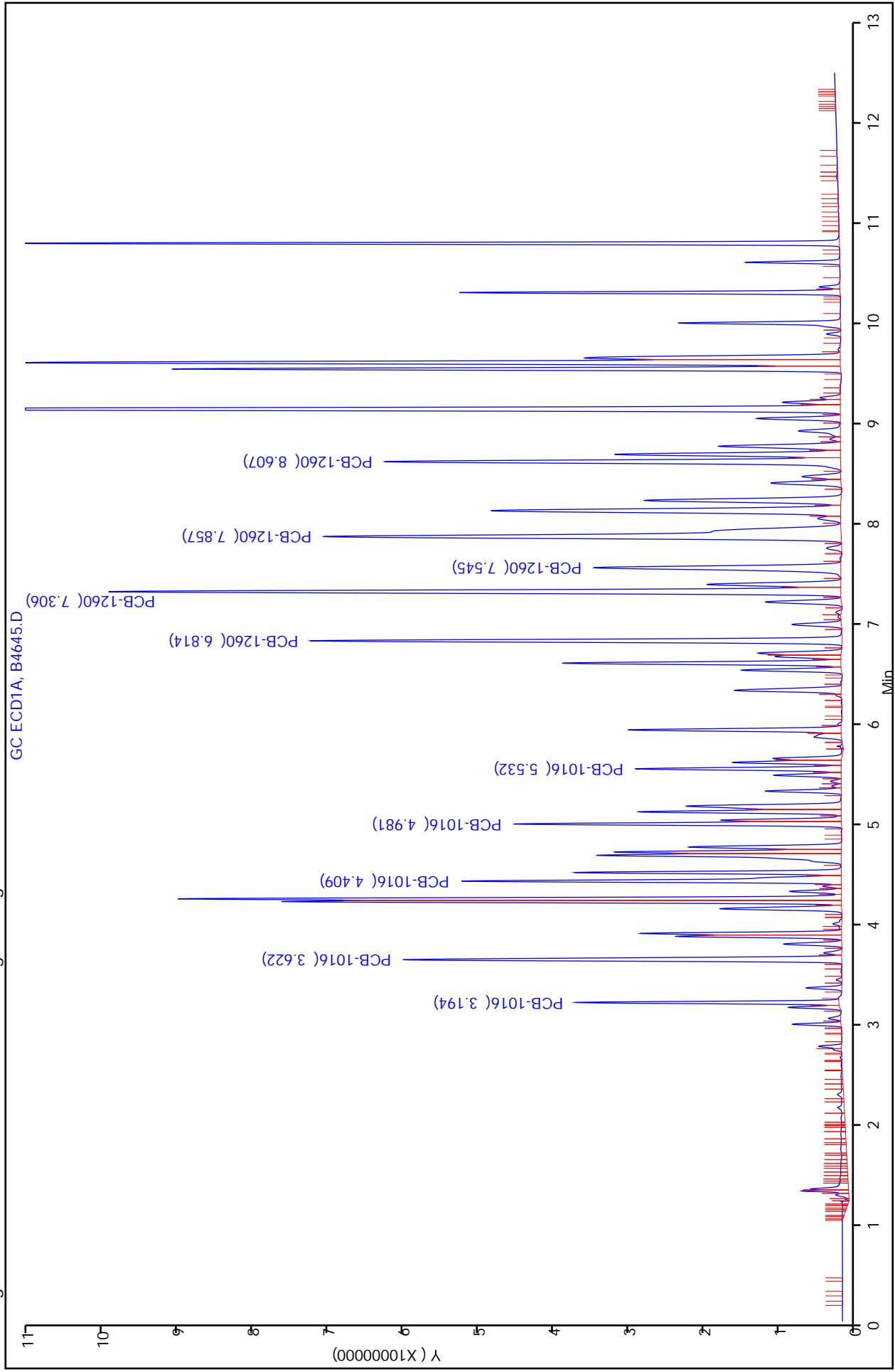
1	1	9.598	9.598	0.000	208728814	105.1			
2	2	10.320	10.320	0.000	74215438	92.7			
							RPD = 12.59		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.792	10.792	0.000	144720239	97.6			
2	2	11.642	11.642	0.000	77784757	95.8			
							RPD = 1.83		

Report Date: 18-Apr-2011 16:26:10 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\vaisvr08\ChromData\SGCA\20110418-4733.b\B4645.D  
Injection Date: 18-Apr-2011 16:08:06 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79092 Lims Sample ID: 20  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79155/1 Calibration Date: 04/19/2011 09:50  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4652.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		36804		1400	1500	-6.6	15.0
PCB-1016 Peak 2	Qua2		77937		1370	1500	-8.6	15.0
PCB-1016 Peak 3	Qua2		65773		1400	1500	-6.5	15.0
PCB-1016 Peak 4	Qua2		50815		1390	1500	-7.1	15.0
PCB-1016 Peak 5	Qua2		31729		1380	1500	-8.3	15.0
PCB-1260 Peak 1	Qua2		93740		1430	1500	-4.8	15.0
PCB-1260 Peak 2	Qua2		145739		1460	1500	-2.9	15.0
PCB-1260 Peak 3	Qua2		58551		1470	1500	-2.1	15.0
PCB-1260 Peak 4	Qua2		154050		1470	1500	-1.9	15.0
PCB-1260 Peak 5	Qua2		92713		1490	1500	-0.4	15.0
Dibutylchlorendate	Qua2		2194331		109	100	8.8	15.0
DCB Decachlorobiphenyl	Qua2		1549263		104	100	4.0	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79155/1 Calibration Date: 04/19/2011 09:50  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4652.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.40	4.30	4.50
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.60	8.50	8.70
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89



TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4652.D  
 Lims ID: ccv1500 Client ID:  
 Inject. Date: 19-Apr-2011 09:50:55 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: 79155 Lims Sample ID: 1  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 10:08:49 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 10:08:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.184	3.184	0.000	55205388	1400.5		100.0		
1	2	3.610	3.610	0.000	116905081	1370.8	187.2- 247.2	211.8		
1	3	4.396	4.396	0.000	98659018	1402.8	146.3- 206.3	178.7		
1	4	4.967	4.967	0.000	76222004	1392.9	109.2- 169.2	138.1		
1	5	5.520	5.520	0.000	47593212	1375.0	57.8- 117.8	86.2		
		Average of Peak Amounts =				1388.4				
2	6	3.745	3.745	0.000	25684700	1294.9		100.0		
2	7	4.324	4.324	0.000	55502465	1266.3	192.3- 252.3	216.1		
2	8	5.212	5.212	0.000	44771646	1309.6	140.7- 200.7	174.3		
2	9	5.646	5.646	0.000	20513938	1306.2	47.3- 107.3	79.9		
2	10	5.940	5.940	0.000	36467546	1311.0	109.9- 169.9	142.0		
		Average of Peak Amounts =				1297.6				
		RPD = 6.76								
11 PCB-1260										
1	1	6.801	6.801	0.000	140609262	1428.2		100.0		
1	2	7.293	7.293	0.000	218608967	1455.9	121.7- 181.7	155.5		
1	3	7.531	7.531	0.000	87826587	1468.1	30.7- 90.7	62.5		
1	4	7.843	7.843	0.000	231074616	1472.0	128.0- 188.0	164.3		
1	5	8.595	8.595	0.000	139070155	1493.4	64.6- 124.6	98.9		
		Average of Peak Amounts =				1463.5				
2	6	7.909	7.909	0.000	36696058	1352.6		100.0		
2	7	8.274	8.274	0.000	73690653	1358.7	175.0- 235.0	200.8		
2	8	8.699	8.699	0.000	89213414	1369.7	212.3- 272.3	243.1		
2	9	9.418	9.418	0.000	65074687	1379.7	147.4- 207.4	177.3		
2	10	9.809	9.809	0.000	70829503	1373.9	163.3- 223.3	193.0		
		Average of Peak Amounts =				1366.9				
		RPD = 6.83								

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4652.D

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

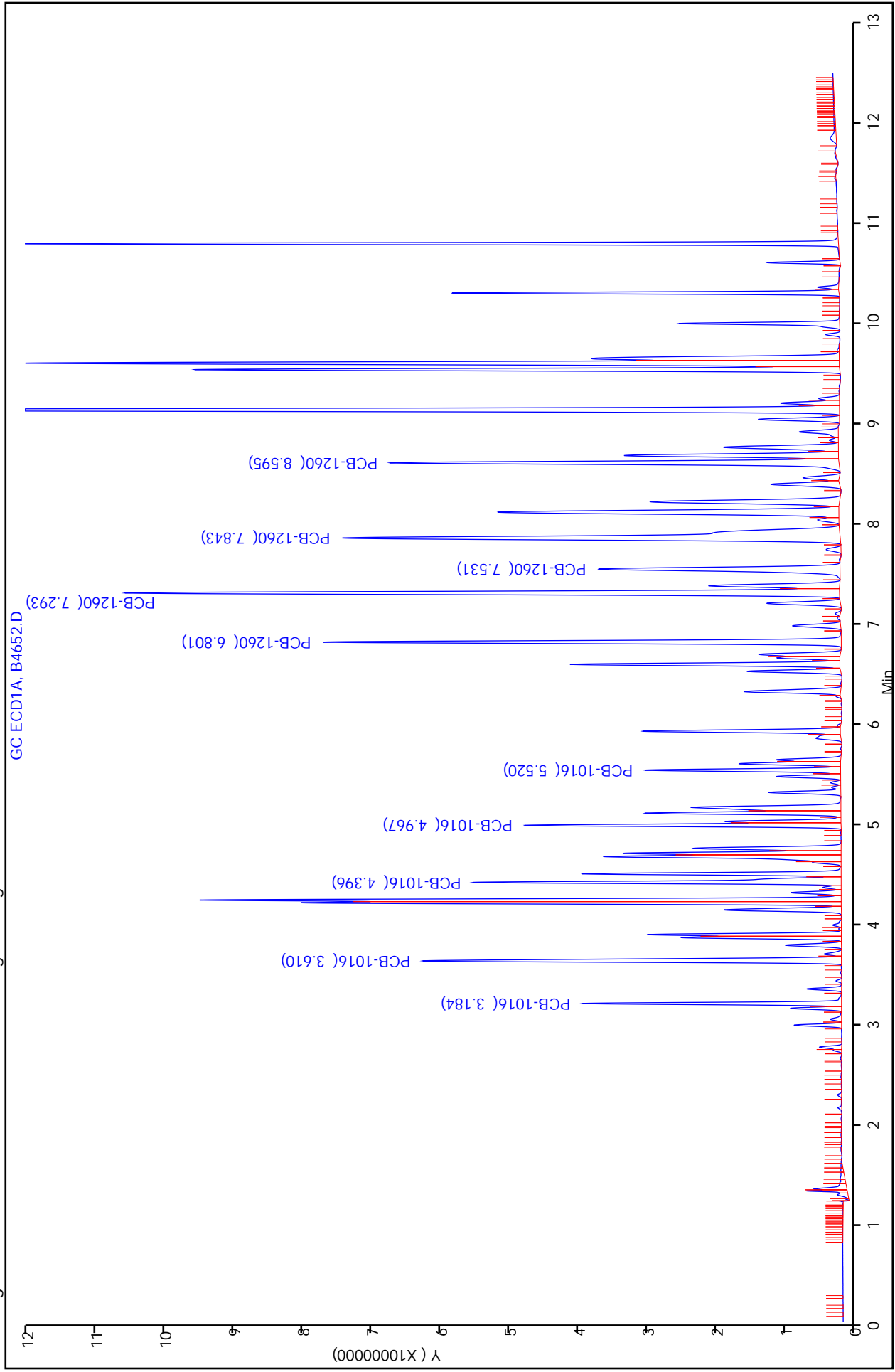
1	1	9.593	9.593	0.000	219433084	108.8			
2	2	10.320	10.320	0.000	75818478	94.5			
							RPD = 14.09		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.789	10.789	0.000	154926347	104.0			
2	2	11.643	11.643	0.000	79214599	97.5			
							RPD = 6.39		

Report Date: 19-Apr-2011 10:08:50 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4652.D  
Injection Date: 19-Apr-2011 09:50:55 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 1  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1242 510-79155/2 Calibration Date: 04/19/2011 10:06  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:00  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:00  
 Lab File ID: B4653.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	30952	31783		2050	2000	2.7	15.0
PCB-1242 Peak 2	Ave	65307	67194		2060	2000	2.9	15.0
PCB-1242 Peak 3	Ave	32128	32846		2040	2000	2.2	15.0
PCB-1242 Peak 4	Ave	29996	30846		2060	2000	2.8	15.0
PCB-1242 Peak 5	Ave	40033	41996		2100	2000	4.9	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1242 510-79155/2 Calibration Date: 04/19/2011 10:06  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:00  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 12:00  
 Lab File ID: B4653.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	3.18	3.08	3.28
PCB-1242 Peak 2	3.61	3.51	3.71
PCB-1242 Peak 3	4.48	4.38	4.58
PCB-1242 Peak 4	5.15	5.05	5.25
PCB-1242 Peak 5	5.62	5.52	5.72

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4653.D  
 Lims ID: ccv1242 Client ID:  
 Inject. Date: 19-Apr-2011 10:06:03 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: 79155 Lims Sample ID: 2  
 Sublist: chrom-PCBS\*sub4  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:18 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 11:16:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1	3.183	3.183	0.000	63566425	2053.7		100.0	5
1	2	3.610	3.610	0.000	134388774	2057.8	0.0- 30.0	211.4	
1	3	4.481	4.481	0.000	65691413	2044.7	0.0- 30.0	103.3	
1	4	5.146	5.146	0.000	61691158	2056.6	0.0- 30.0	97.0	
1	5	5.622	5.622	0.000	83992533	2098.1	0.0- 30.0	132.1	
Average of Peak Amounts =						2062.2			
2	6	3.744	3.744	0.000	29335263	1905.5		100.0	5
2	7	4.322	4.322	0.000	63238280	1906.3	0.0- 30.0	215.6	
2	8	5.211	5.211	0.000	50138316	1914.9	0.0- 30.0	170.9	
2	9	6.610	6.610	0.000	48039149	1948.5	0.0- 30.0	163.8	
2	10	6.999	6.999	0.000	48141276	1956.1	0.0- 30.0	164.1	
Average of Peak Amounts =						1926.2			
						RPD = 6.82			

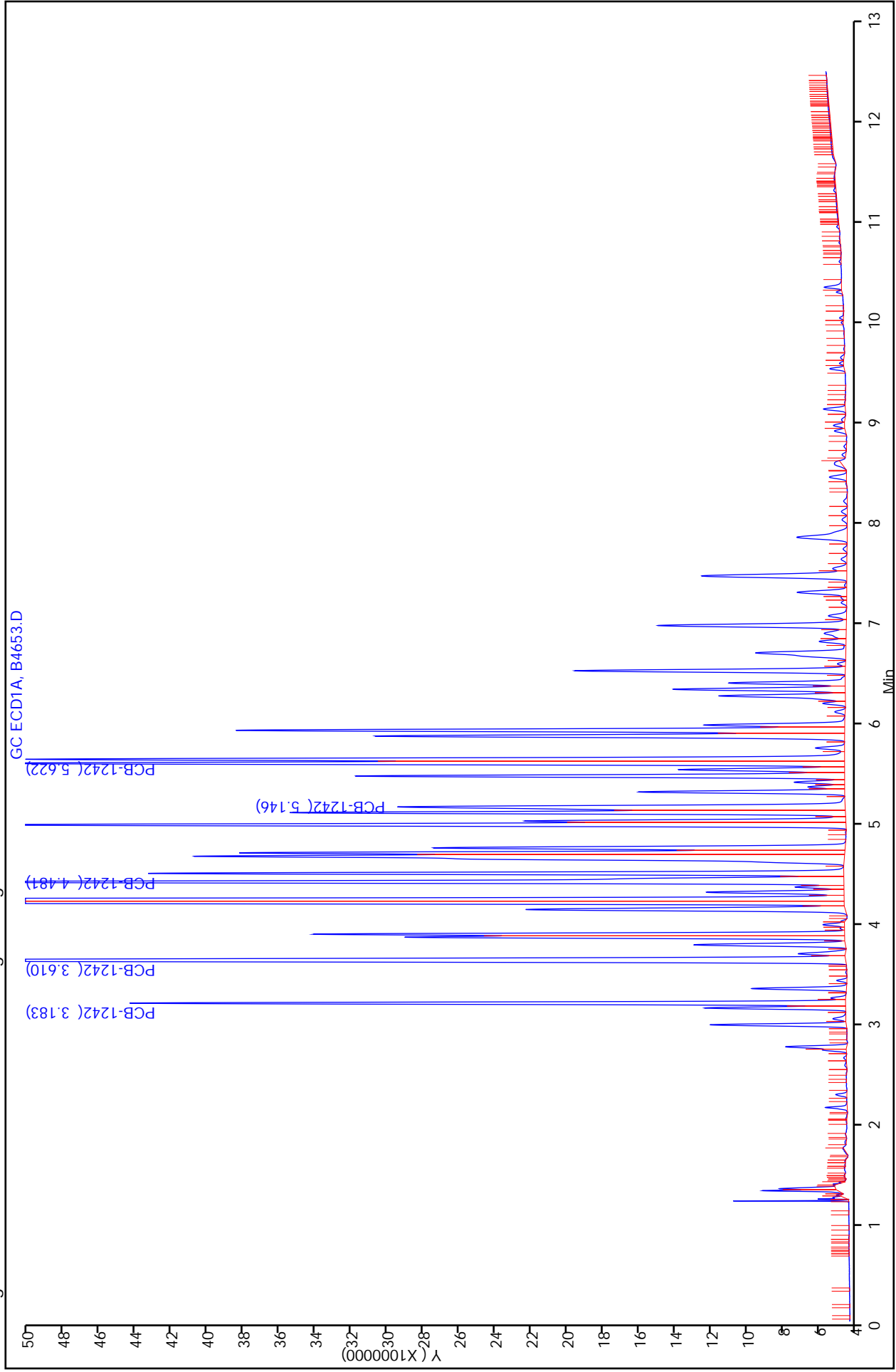
QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 19-Apr-2011 11:16:18  
Data File: \\valsrv08\ChromData\SGCA\20110419-4736.b\B4653.D  
Injection Date: 19-Apr-2011 10:06:03  
Client ID:  
Lims Batch ID: 79155  
Operator ID:  
Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Limit Group: SGC - 1 - 8082 CAL  
Instrument ID: SGCA  
Lims Sample ID: 2  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1248 510-79155/3 Calibration Date: 04/19/2011 10:21  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:16  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:16  
 Lab File ID: B4654.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	33188	34745		2090	2000	4.7	15.0
PCB-1248 Peak 2	Ave	43534	46475		2140	2000	6.8	15.0
PCB-1248 Peak 3	Ave	48864	52458		2150	2000	7.4	15.0
PCB-1248 Peak 4	Ave	70791	77700		2200	2000	9.8	15.0
PCB-1248 Peak 5	Ave	40904	45557		2230	2000	11.4	15.0



FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1248 510-79155/3 Calibration Date: 04/19/2011 10:21  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:16  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:16  
 Lab File ID: B4654.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	3.61	3.51	3.71
PCB-1248 Peak 2	4.22	4.12	4.32
PCB-1248 Peak 3	5.09	4.99	5.19
PCB-1248 Peak 4	5.62	5.52	5.72
PCB-1248 Peak 5	6.51	6.41	6.61

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4654.D  
 Lims ID: ccv1248 Client ID:  
 Inject. Date: 19-Apr-2011 10:21:04 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: 79155 Lims Sample ID: 3  
 Sublist: chrom-PCBS\*sub5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:33 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 11:16:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
6 PCB-1248									
1	1	3.608	3.608	0.000	69489171	2093.8		100.0	5
1	2	4.218	4.218	0.000	92950298	2135.1	0.0- 30.0	133.8	
1	3	5.088	5.088	0.000	104915291	2147.1	0.0- 30.0	151.0	
1	4	5.623	5.623	0.000	155400649	2195.2	0.0- 30.0	223.6	
1	5	6.507	6.507	0.000	91113379	2227.5	0.0- 30.0	131.1	
Average of Peak Amounts =						2159.7			
2	6	4.322	4.322	0.000	32987945	1940.9		100.0	5
2	7	5.209	5.209	0.000	30331430	1962.8	0.0- 30.0	91.9	
2	8	5.938	5.938	0.000	74564680	1996.2	0.0- 30.0	226.0	
2	9	6.610	6.610	0.000	96929542	2026.0	0.0- 30.0	293.8	
2	10	6.999	6.999	0.000	93161311	2033.5	0.0- 30.0	282.4	
Average of Peak Amounts =						1991.9			
						RPD = 8.09			

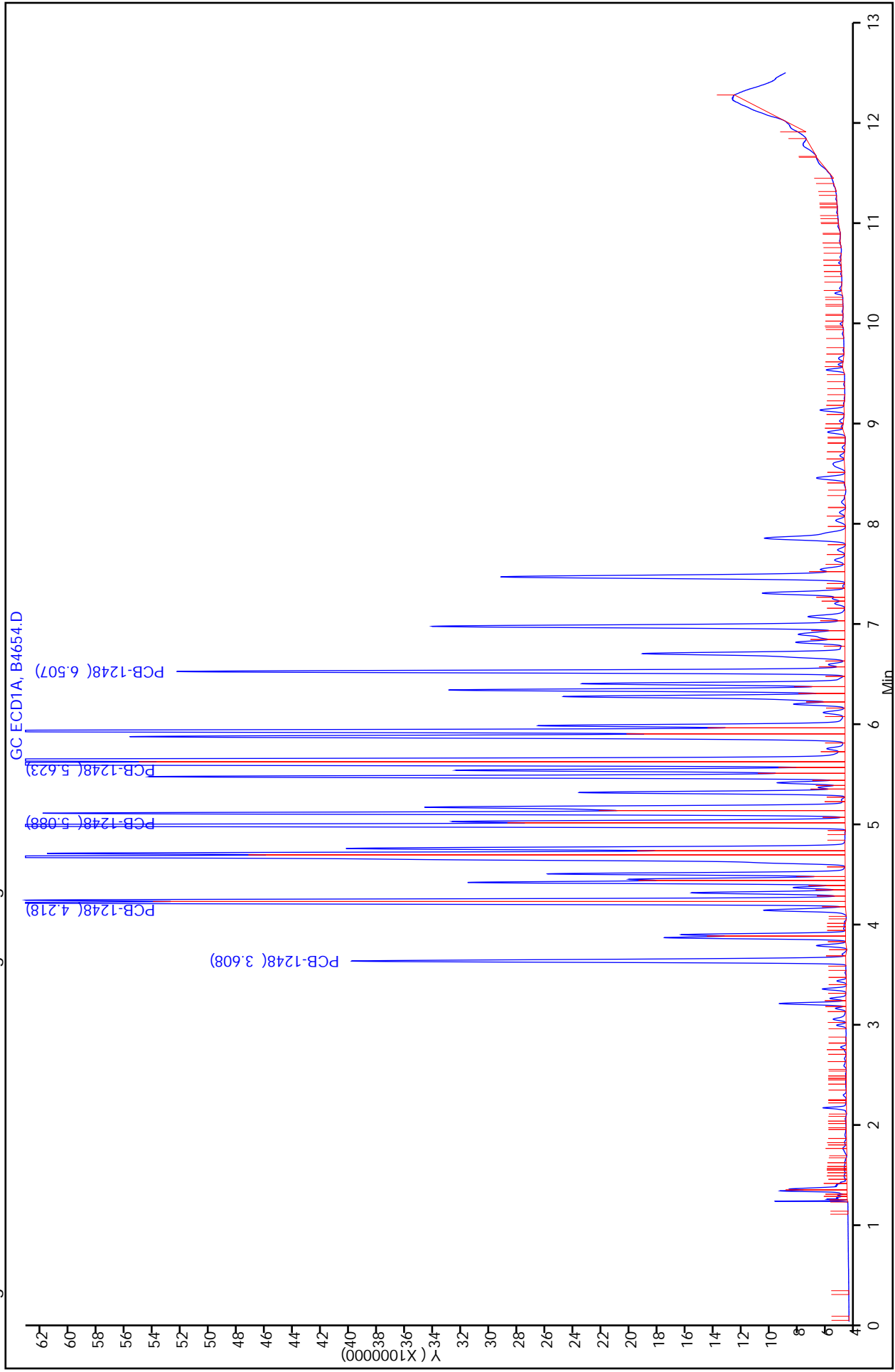
QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 19-Apr-2011 11:16:33 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4654.D  
Injection Date: 19-Apr-2011 10:21:04 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 3  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1000 510-79155/15 Calibration Date: 04/19/2011 13:30  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4666.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		38426		960	1000	-4.0	15.0
PCB-1016 Peak 2	Qua2		82245		949	1000	-5.1	15.0
PCB-1016 Peak 3	Qua2		68949		971	1000	-2.9	15.0
PCB-1016 Peak 4	Qua2		52910		957	1000	-4.3	15.0
PCB-1016 Peak 5	Qua2		33636		959	1000	-4.1	15.0
PCB-1260 Peak 1	Qua2		97272		976	1000	-2.4	15.0
PCB-1260 Peak 2	Qua2		148499		978	1000	-2.2	15.0
PCB-1260 Peak 3	Qua2		58948		984	1000	-1.6	15.0
PCB-1260 Peak 4	Qua2		156322		988	1000	-1.2	15.0
PCB-1260 Peak 5	Qua2		94700		1010	1000	0.8	15.0
Dibutylchlorendate	Qua2		1984866		101	100	1.5	15.0
DCB Decachlorobiphenyl	Qua2		1535832		103	100	3.1	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1000 510-79155/15 Calibration Date: 04/19/2011 13:30  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4666.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.40	4.30	4.50
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.59	8.49	8.69
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4666.D  
 Lims ID: ccv1000 Client ID:  
 Inject. Date: 19-Apr-2011 13:30:28 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: 79155 Lims Sample ID: 15  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 14:01:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 14:01:45

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	3.182	3.182	0.000	38425888	960.4		100.0	
1	2	3.610	3.610	0.000	82245342	948.8	187.2- 247.2	214.0	
1	3	4.395	4.395	0.000	68948654	971.0	146.3- 206.3	179.4	
1	4	4.966	4.966	0.000	52910332	956.8	109.2- 169.2	137.7	
1	5	5.518	5.518	0.000	33635800	958.8	57.8- 117.8	87.5	
Average of Peak Amounts =						959.2			
2	6	3.744	3.744	0.000	18248746	901.6		100.0	
2	7	4.322	4.322	0.000	39329651	878.8	192.3- 252.3	215.5	
2	8	5.211	5.211	0.000	31401426	905.6	140.7- 200.7	172.1	
2	9	5.645	5.645	0.000	14164789	882.6	47.3- 107.3	77.6	
2	10	5.938	5.938	0.000	25232864	893.7	109.9- 169.9	138.3	
Average of Peak Amounts =						892.4			

RPD = 7.21

11 PCB-1260

1	1	6.800	6.800	0.000	97271662	975.6		100.0	
1	2	7.291	7.291	0.000	148499138	978.3	121.7- 181.7	152.7	
1	3	7.530	7.530	0.000	58947736	983.9	30.7- 90.7	60.6	
1	4	7.840	7.840	0.000	156322350	987.7	128.0- 188.0	160.7	
1	5	8.594	8.594	0.000	94700337	1008.4	64.6- 124.6	97.4	
Average of Peak Amounts =						986.8			
2	6	7.905	7.905	0.000	24356513	880.9		100.0	
2	7	8.270	8.270	0.000	50014296	907.1	175.0- 235.0	205.3	
2	8	8.696	8.696	0.000	60203736	906.5	212.3- 272.3	247.2	
2	9	9.415	9.415	0.000	44206892	922.6	147.4- 207.4	181.5	
2	10	9.806	9.806	0.000	48698625	927.0	163.3- 223.3	199.9	
Average of Peak Amounts =						908.8			

RPD = 8.23

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4666.D

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

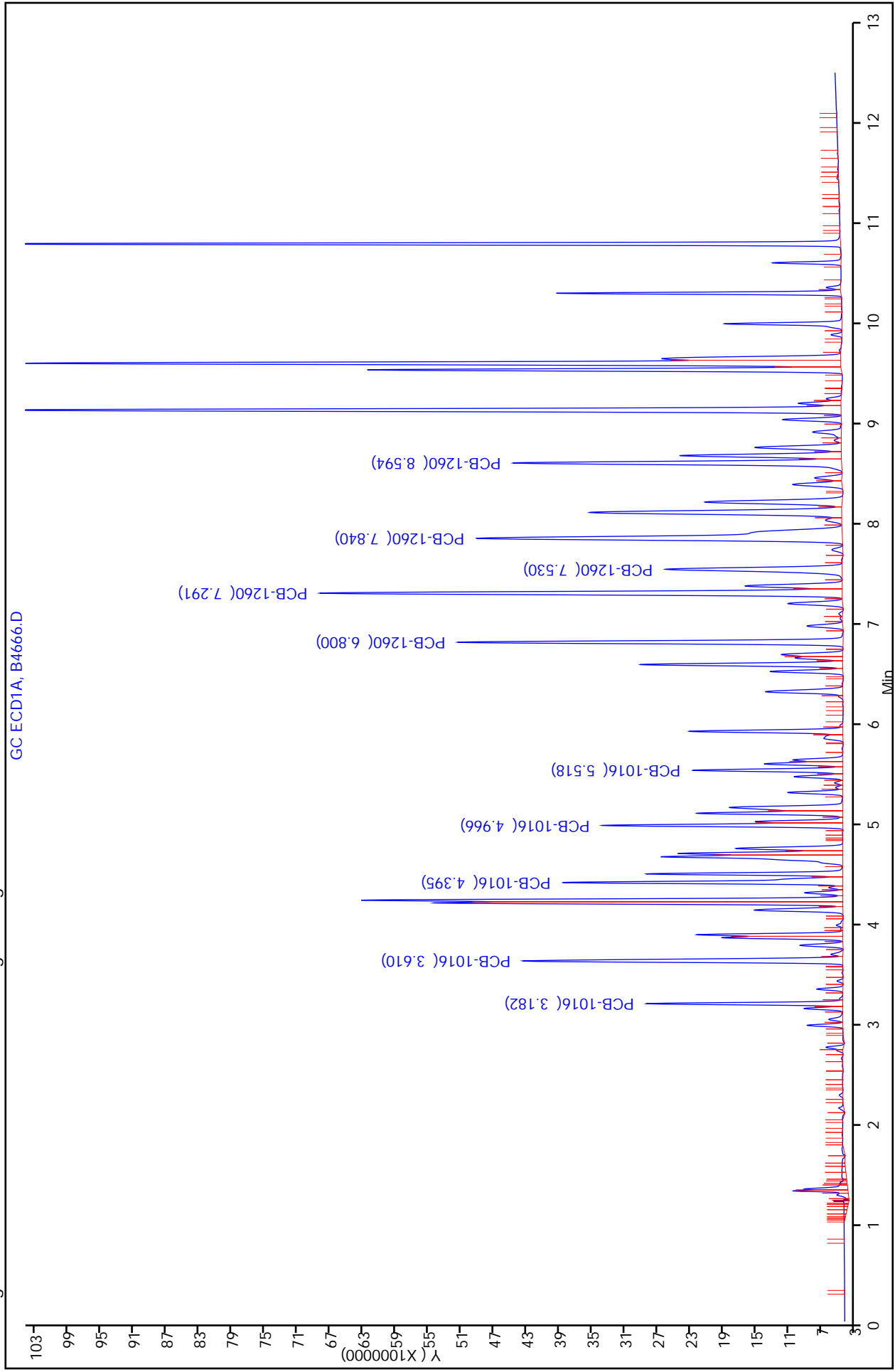
1	1	9.592	9.592	0.000	198486601	101.5			
2	2	10.318	10.318	0.000	76855798	95.7			
							RPD = 5.84		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.787	10.787	0.000	153583168	103.1			
2	2	11.640	11.640	0.000	80208935	98.7			
							RPD = 4.39		

Report Date: 19-Apr-2011 14:01:45  
 Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4666.D  
 Injection Date: 19-Apr-2011 13:30:28  
 Client ID:  
 Lims Batch ID: 79155  
 Operator ID:  
 Chrom Revision: 1.2  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 15  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79155/26 Calibration Date: 04/19/2011 16:26  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4677.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		38237		1460	1500	-2.8	15.0
PCB-1016 Peak 2	Qua2		81435		1440	1500	-4.3	15.0
PCB-1016 Peak 3	Qua2		68359		1460	1500	-2.7	15.0
PCB-1016 Peak 4	Qua2		52953		1450	1500	-3.1	15.0
PCB-1016 Peak 5	Qua2		33775		1470	1500	-2.1	15.0
PCB-1260 Peak 1	Qua2		97796		1490	1500	-0.5	15.0
PCB-1260 Peak 2	Qua2		150732		1510	1500	0.5	15.0
PCB-1260 Peak 3	Qua2		60513		1520	1500	1.2	15.0
PCB-1260 Peak 4	Qua2		158871		1520	1500	1.3	15.0
PCB-1260 Peak 5	Qua2		96032		1550	1500	3.2	15.0
Dibutylchlorendate	Qua2		2245184		111	100	10.6	15.0
DCB Decachlorobiphenyl	Qua2		1517816		102	100	2.0	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79155/26 Calibration Date: 04/19/2011 16:26  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4677.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.39	4.29	4.49
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.59	8.49	8.69
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4677.D  
 Lims ID: ccv1500 Client ID:  
 Inject. Date: 19-Apr-2011 16:26:17 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: 79155 Lims Sample ID: 26  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 20-Apr-2011 10:00:10 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 20-Apr-2011 10:00:09

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1	3.182	3.181	0.001	57355043	1457.6		100.0	
1	2	3.609	3.608	0.001	122152812	1435.7	187.2- 247.2	213.0	
1	3	4.394	4.394	0.000	102539126	1459.7	146.3- 206.3	178.8	
1	4	4.965	4.965	0.000	79429502	1453.4	109.2- 169.2	138.5	
1	5	5.517	5.516	0.001	50662771	1467.8	57.8- 117.8	88.3	
Average of Peak Amounts =						1454.8			
2	6	3.743	3.742	0.001	27007791	1366.2		100.0	
2	7	4.320	4.320	0.000	58724166	1345.1	192.3- 252.3	217.4	
2	8	5.210	5.210	0.000	46497413	1362.3	140.7- 200.7	172.2	
2	9	5.643	5.643	0.000	21025316	1341.0	47.3- 107.3	77.8	
2	10	5.936	5.936	0.000	37917775	1365.5	109.9- 169.9	140.4	
Average of Peak Amounts =						1356.0			
						RPD = 7.03			
11 PCB-1260									
1	1	6.799	6.798	0.001	146693494	1492.5		100.0	
1	2	7.289	7.289	0.000	226097700	1507.4	121.7- 181.7	154.1	
1	3	7.528	7.528	0.000	90768962	1517.4	30.7- 90.7	61.9	
1	4	7.839	7.839	0.000	238305955	1519.2	128.0- 188.0	162.5	
1	5	8.593	8.593	0.000	144048054	1548.1	64.6- 124.6	98.2	
Average of Peak Amounts =						1516.9			
2	6	7.904	7.904	0.000	37563297	1386.3		100.0	
2	7	8.269	8.269	0.000	76271824	1408.5	175.0- 235.0	203.0	
2	8	8.694	8.695	-0.001	91673898	1409.7	212.3- 272.3	244.1	
2	9	9.414	9.414	0.000	67334423	1430.0	147.4- 207.4	179.3	
2	10	9.806	9.806	0.000	73603913	1430.9	163.3- 223.3	195.9	
Average of Peak Amounts =						1413.1			
						RPD = 7.09			

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4677.D

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

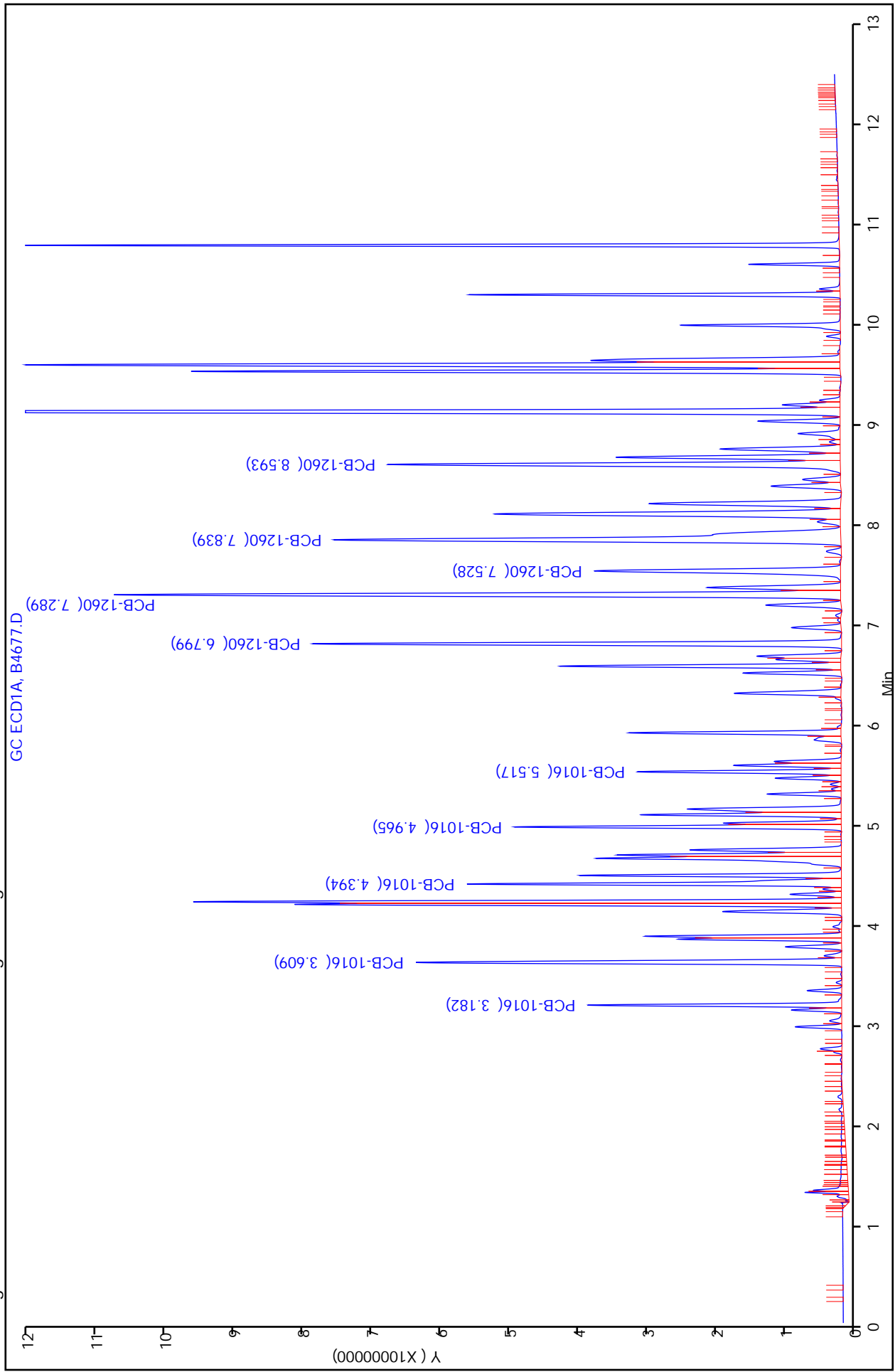
1	1	9.590	9.590	0.000	224518442	110.6			
2	2	10.318	10.317	0.001	79062556	98.2			
							RPD = 11.82		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.787	10.785	0.002	151781588	102.0			
2	2	11.639	11.640	-0.001	79573539	98.0			
							RPD = 4.06		

Report Date: 20-Apr-2011 10:00:10 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4677.D  
Injection Date: 19-Apr-2011 16:26:17 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 26  
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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79231/1 Calibration Date: 04/20/2011 10:09  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4685.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		38625		1470	1500	-1.8	15.0
PCB-1016 Peak 2	Qua2		83182		1470	1500	-2.1	15.0
PCB-1016 Peak 3	Qua2		70684		1510	1500	0.7	15.0
PCB-1016 Peak 4	Qua2		54343		1490	1500	-0.5	15.0
PCB-1016 Peak 5	Qua2		34237		1490	1500	-0.7	15.0
PCB-1260 Peak 1	Qua2		101610		1550	1500	3.5	15.0
PCB-1260 Peak 2	Qua2		161460		1620	1500	7.9	15.0
PCB-1260 Peak 3	Qua2		65375		1640	1500	9.3	15.0
PCB-1260 Peak 4	Qua2		171640		1640	1500	9.6	15.0
PCB-1260 Peak 5	Qua2		104198		1680	1500	12.2	15.0
Dibutylchloredate	Qua2		2351219		114	100	14.1	15.0
DCB Decachlorobiphenyl	Qua2		1608391		108	100	7.6	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1500 510-79231/1 Calibration Date: 04/20/2011 10:09  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4685.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.40	4.30	4.50
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.60	8.50	8.70
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4685.D  
 Lims ID: ccv1500 Client ID:  
 Inject. Date: 20-Apr-2011 10:09:57 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: 79231 Lims Sample ID: 1  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110420-4742.b\PCBS.m  
 Last Update: 20-Apr-2011 10:55:58 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 20-Apr-2011 10:55:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.184	3.184	0.000	57938170	1473.1		100.0		
1	2	3.611	3.611	0.000	124773424	1468.3	187.2- 247.2	215.4		
1	3	4.397	4.397	0.000	106026321	1510.9	146.3- 206.3	183.0		
1	4	4.968	4.968	0.000	81514457	1492.9	109.2- 169.2	140.7		
1	5	5.520	5.520	0.000	51355729	1488.8	57.8- 117.8	88.6		
		Average of Peak Amounts =				1486.8				
2	6	3.745	3.745	0.000	27486695	1392.2		100.0		
2	7	4.324	4.324	0.000	59537590	1365.1	192.3- 252.3	216.6		
2	8	5.212	5.212	0.000	48803091	1433.0	140.7- 200.7	177.6		
2	9	5.646	5.646	0.000	22214184	1422.3	47.3- 107.3	80.8		
2	10	5.939	5.939	0.000	39565626	1427.6	109.9- 169.9	143.9		
		Average of Peak Amounts =				1408.0				
		RPD = 5.44								
11 PCB-1260										
1	1	6.801	6.801	0.000	152415606	1553.2		100.0		
1	2	7.294	7.294	0.000	242190285	1618.4	121.7- 181.7	158.9		
1	3	7.532	7.532	0.000	98063243	1639.6	30.7- 90.7	64.3		
1	4	7.843	7.843	0.000	257460511	1644.5	128.0- 188.0	168.9		
1	5	8.596	8.596	0.000	156297031	1683.1	64.6- 124.6	102.5		
		Average of Peak Amounts =				1627.8				
2	6	7.908	7.908	0.000	40698479	1508.7		100.0		
2	7	8.272	8.272	0.000	81710919	1514.0	175.0- 235.0	200.8		
2	8	8.698	8.698	0.000	99252600	1533.6	212.3- 272.3	243.9		
2	9	9.417	9.417	0.000	72389824	1543.0	147.4- 207.4	177.9		
2	10	9.808	9.808	0.000	78961677	1541.8	163.3- 223.3	194.0		
		Average of Peak Amounts =				1528.2				
		RPD = 6.31								



Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4685.D

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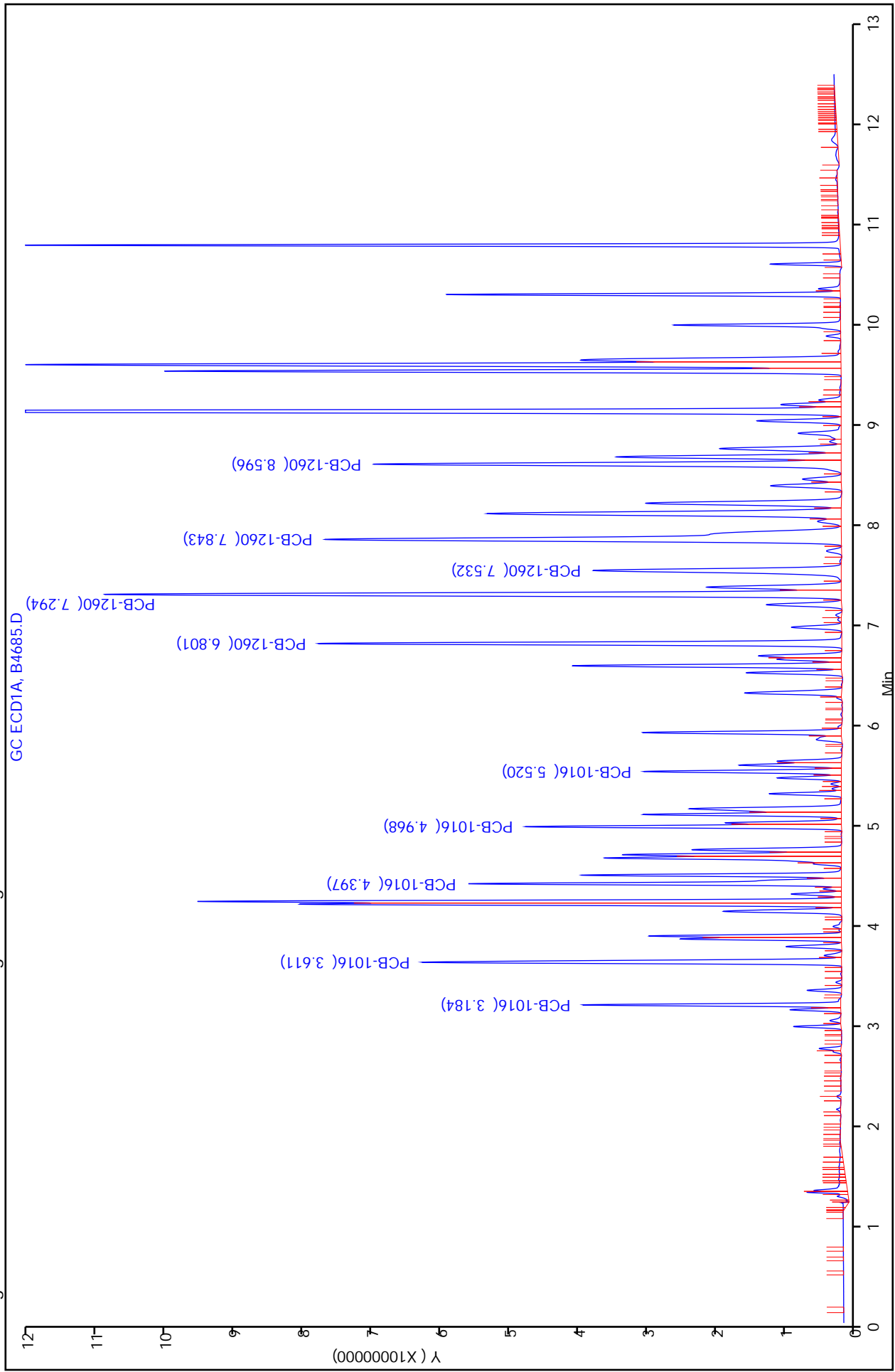
## \$ 3 Dibutylchlorendate

1	1	9.593	9.593	0.000	235121892	114.1			
2	2	10.319	10.319	0.000	79563494	98.8			
							RPD = 14.40		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.788	10.788	0.000	160839076	107.6			
2	2	11.642	11.642	0.000	80765884	99.4			
							RPD = 7.97		

Report Date: 20-Apr-2011 10:55:58 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4685.D  
 Injection Date: 20-Apr-2011 10:09:57 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 79231 Lims Sample ID: 1  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1242 510-79231/2 Calibration Date: 04/20/2011 10:25  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:00  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:00  
 Lab File ID: B4686.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	30952	32264		2080	2000	4.2	15.0
PCB-1242 Peak 2	Ave	65307	68062		2080	2000	4.2	15.0
PCB-1242 Peak 3	Ave	32128	33814		2100	2000	5.2	15.0
PCB-1242 Peak 4	Ave	29996	31669		2110	2000	5.6	15.0
PCB-1242 Peak 5	Ave	40033	43146		2160	2000	7.8	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1242 510-79231/2 Calibration Date: 04/20/2011 10:25  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:00  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:00  
 Lab File ID: B4686.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	3.19	3.09	3.29
PCB-1242 Peak 2	3.61	3.51	3.71
PCB-1242 Peak 3	4.48	4.38	4.58
PCB-1242 Peak 4	5.15	5.05	5.25
PCB-1242 Peak 5	5.62	5.52	5.72

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4686.D  
 Lims ID: ccv1242 Client ID:  
 Inject. Date: 20-Apr-2011 10:25:09 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: 79231 Lims Sample ID: 2  
 Sublist: chrom-PCBS\*sub4  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110420-4742.b\PCBS.m  
 Last Update: 20-Apr-2011 10:56:13 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 20-Apr-2011 10:56:13

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
10 PCB-1242									
1	1	3.185	3.185	0.000	64528800	2084.8		100.0	5
1	2	3.612	3.612	0.000	136124634	2084.4	0.0- 30.0	211.0	
1	3	4.484	4.484	0.000	67627857	2105.0	0.0- 30.0	104.8	
1	4	5.147	5.147	0.000	63338704	2111.6	0.0- 30.0	98.2	
1	5	5.624	5.624	0.000	86292358	2155.6	0.0- 30.0	133.7	
Average of Peak Amounts =						2108.3			
2	6	3.746	3.746	0.000	29988393	1947.9		100.0	5
2	7	4.323	4.323	0.000	64198922	1935.2	0.0- 30.0	214.1	
2	8	5.213	5.213	0.000	51345956	1961.0	0.0- 30.0	171.2	
2	9	6.612	6.612	0.000	49213453	1996.1	0.0- 30.0	164.1	
2	10	7.001	7.001	0.000	49416839	2007.9	0.0- 30.0	164.8	
Average of Peak Amounts =						1969.6			
						RPD = 6.80			

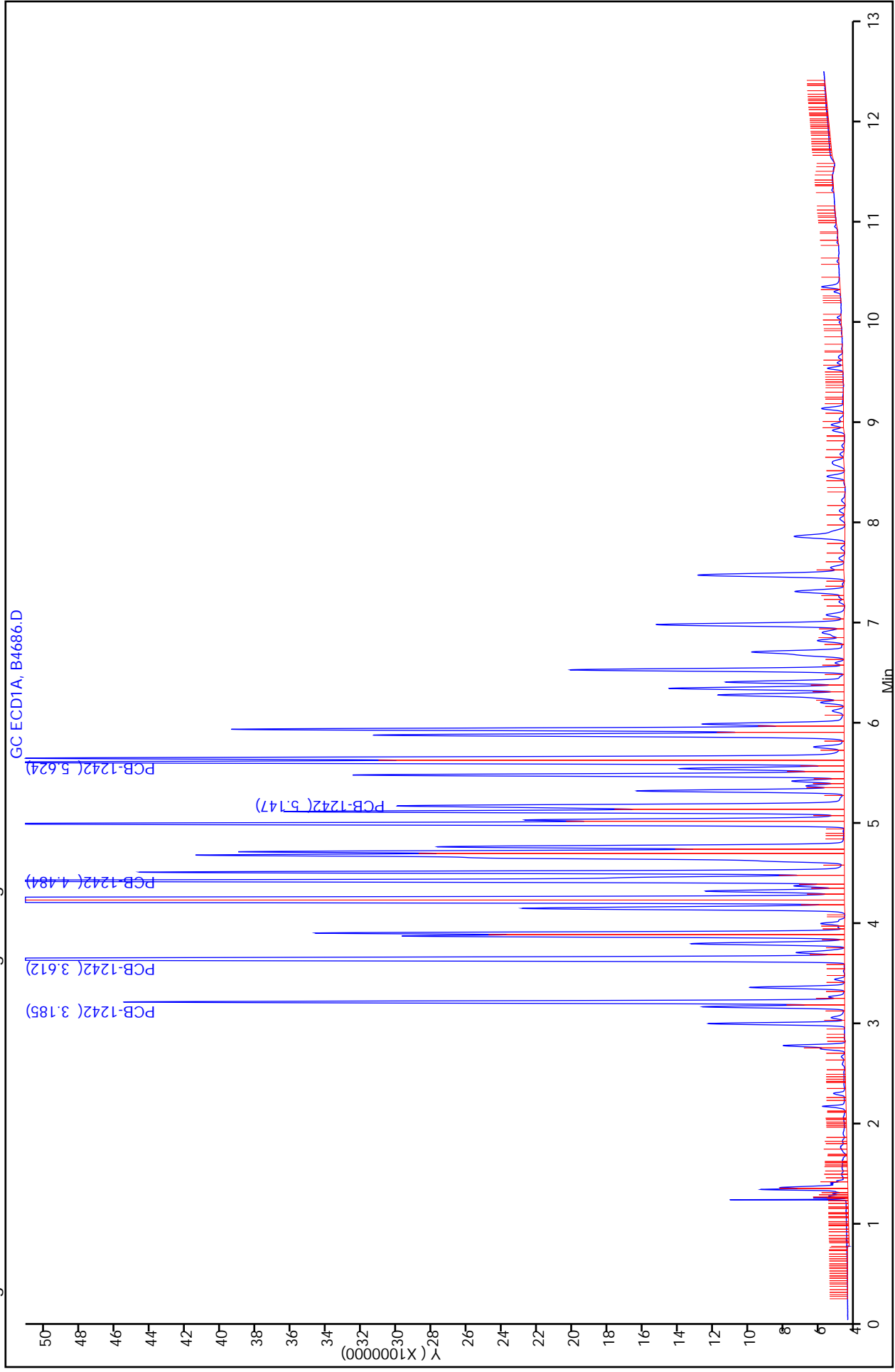
QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 20-Apr-2011 10:56:13 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4686.D  
 Injection Date: 20-Apr-2011 10:25:09 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 79231 Lims Sample ID: 2  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1248 510-79231/3 Calibration Date: 04/20/2011 10:40  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:16  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 12:16  
 Lab File ID: B4687.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	33188	35778		2160	2000	7.8	15.0
PCB-1248 Peak 2	Ave	43534	48871		2250	2000	12.3	15.0
PCB-1248 Peak 3	Ave	48864	55447		2270	2000	13.5	15.0
PCB-1248 Peak 4	Ave	70791	82325		2330	2000	16.3*	15.0
PCB-1248 Peak 5	Ave	40904	48771		2380	2000	19.2*	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1248 510-79231/3 Calibration Date: 04/20/2011 10:40  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 12:16  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 12:16  
 Lab File ID: B4687.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	3.61	3.51	3.71
PCB-1248 Peak 2	4.22	4.12	4.32
PCB-1248 Peak 3	5.09	4.99	5.19
PCB-1248 Peak 4	5.62	5.52	5.72
PCB-1248 Peak 5	6.51	6.41	6.61



TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4687.D  
 Lims ID: ccv1248 Client ID:  
 Inject. Date: 20-Apr-2011 10:40:13 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: 79231 Lims Sample ID: 3  
 Sublist: chrom-PCBS\*sub5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110420-4742.b\PCBS.m  
 Last Update: 20-Apr-2011 10:58:01 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 20-Apr-2011 10:58:01

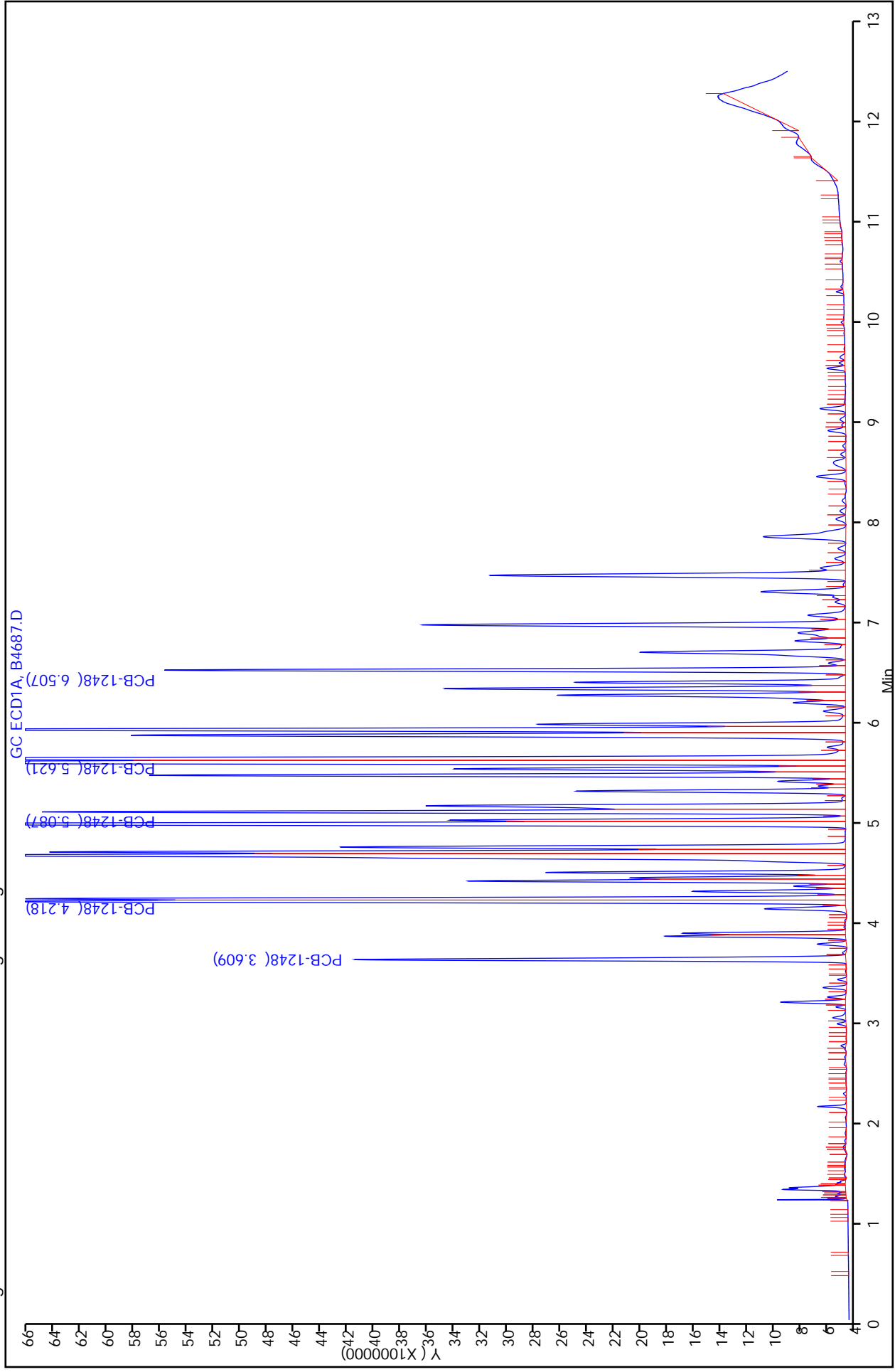
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
6 PCB-1248									
1	1	3.609	3.609	0.000	71555060	2156.1		100.0	5
1	2	4.218	4.218	0.000	97742056	2245.2	0.0- 30.0	136.6	
1	3	5.087	5.087	0.000	110893220	2269.4	0.0- 30.0	155.0	
1	4	5.621	5.621	0.000	164649716	2325.9	0.0- 30.0	230.1	
1	5	6.507	6.507	0.000	97541960	2384.7	0.0- 30.0	136.3	
Average of Peak Amounts =						2276.2			
2	6	4.322	4.322	0.000	34098232	2006.3		100.0	5
2	7	5.208	5.208	0.000	31806685	2058.2	0.0- 30.0	93.3	
2	8	5.938	5.938	0.000	78273530	2095.4	0.0- 30.0	229.6	
2	9	6.609	6.609	0.000	103316432	2159.5	0.0- 30.0	303.0	
2	10	7.000	7.000	0.000	100003268	2182.9	0.0- 30.0	293.3	
Average of Peak Amounts =						2100.4			
						RPD = 8.03			

QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 20-Apr-2011 10:58:01  
 Data File: \\valsrv08\ChromData\SGCA\20110420-4742.b\B4687.D  
 Injection Date: 20-Apr-2011 10:40:13  
 Client ID:  
 Lims Batch ID: 79231  
 Operator ID:  
 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Limit Group: SGC - 1 - 8082 CAL  
 Instrument ID: SGCA  
 Lims Sample ID: 3  
 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.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1000 510-79231/13 Calibration Date: 04/20/2011 13:11  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4697.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		37124		927	1000	-7.3	15.0
PCB-1016 Peak 2	Qua2		79842		920	1000	-8.0	15.0
PCB-1016 Peak 3	Qua2		67715		953	1000	-4.7	15.0
PCB-1016 Peak 4	Qua2		52421		948	1000	-5.2	15.0
PCB-1016 Peak 5	Qua2		33629		959	1000	-4.1	15.0
PCB-1260 Peak 1	Qua2		99491		999	1000	-0.1	15.0
PCB-1260 Peak 2	Qua2		153525		1010	1000	1.2	15.0
PCB-1260 Peak 3	Qua2		62069		1040	1000	3.6	15.0
PCB-1260 Peak 4	Qua2		162788		1030	1000	2.9	15.0
PCB-1260 Peak 5	Qua2		99205		1060	1000	5.7	15.0
Dibutylchlorendate	Qua2		2068835		104	100	4.5	15.0
DCB Decachlorobiphenyl	Qua2		1468923		99.0	100	-1.0	15.0

FORM VII  
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCV1000 510-79231/13 Calibration Date: 04/20/2011 13:11  
 Instrument ID: SGCA Calib Start Date: 03/10/2011 09:13  
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 03/10/2011 11:15  
 Lab File ID: B4697.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.08	3.28
PCB-1016 Peak 2	3.61	3.51	3.71
PCB-1016 Peak 3	4.40	4.30	4.50
PCB-1016 Peak 4	4.97	4.87	5.07
PCB-1016 Peak 5	5.52	5.42	5.62
PCB-1260 Peak 1	6.80	6.70	6.90
PCB-1260 Peak 2	7.29	7.19	7.39
PCB-1260 Peak 3	7.53	7.43	7.63
PCB-1260 Peak 4	7.84	7.74	7.94
PCB-1260 Peak 5	8.59	8.49	8.69
Dibutylchloroendate	9.59	9.49	9.69
DCB Decachlorobiphenyl	10.79	10.69	10.89

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4697.D  
 Lims ID: ccv1000 Client ID:  
 Inject. Date: 20-Apr-2011 13:11:27 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: 79231 Lims Sample ID: 13  
 Sublist: chrom-PCBS\*sub13  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110420-4742.b\PCBS.m  
 Last Update: 20-Apr-2011 14:33:00 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 20-Apr-2011 14:33:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.183	3.183	0.000	37123867	926.6		100.0		
1	2	3.610	3.610	0.000	79841523	920.0	187.2- 247.2	215.1		
1	3	4.395	4.395	0.000	67715118	953.2	146.3- 206.3	182.4		
1	4	4.965	4.965	0.000	52421071	947.8	109.2- 169.2	141.2		
1	5	5.517	5.517	0.000	33629407	958.7	57.8- 117.8	90.6		
		Average of Peak Amounts =				941.2				
2	6	3.744	3.744	0.000	17618967	868.8		100.0		
2	7	4.321	4.321	0.000	38327892	855.2	192.3- 252.3	217.5		
2	8	5.210	5.210	0.000	30730432	885.5	140.7- 200.7	174.4		
2	9	5.643	5.643	0.000	13705490	852.5	47.3- 107.3	77.8		
2	10	5.937	5.937	0.000	24810836	878.2	109.9- 169.9	140.8		
		Average of Peak Amounts =				868.0				
						RPD = 8.09				
11 PCB-1260										
1	1	6.798	6.798	0.000	99490858	998.5		100.0		
1	2	7.289	7.289	0.000	153524988	1012.3	121.7- 181.7	154.3		
1	3	7.528	7.528	0.000	62069218	1036.2	30.7- 90.7	62.4		
1	4	7.839	7.839	0.000	162787788	1029.4	128.0- 188.0	163.6		
1	5	8.592	8.592	0.000	99205337	1057.4	64.6- 124.6	99.7		
		Average of Peak Amounts =				1026.8				
2	6	7.904	7.904	0.000	24575564	889.1		100.0		
2	7	8.269	8.269	0.000	50891918	923.6	175.0- 235.0	207.1		
2	8	8.694	8.694	0.000	61334068	924.3	212.3- 272.3	249.6		
2	9	9.414	9.414	0.000	45834045	957.8	147.4- 207.4	186.5		
2	10	9.805	9.805	0.000	50560960	964.1	163.3- 223.3	205.7		
		Average of Peak Amounts =				931.8				
						RPD = 9.70				

Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4697.D

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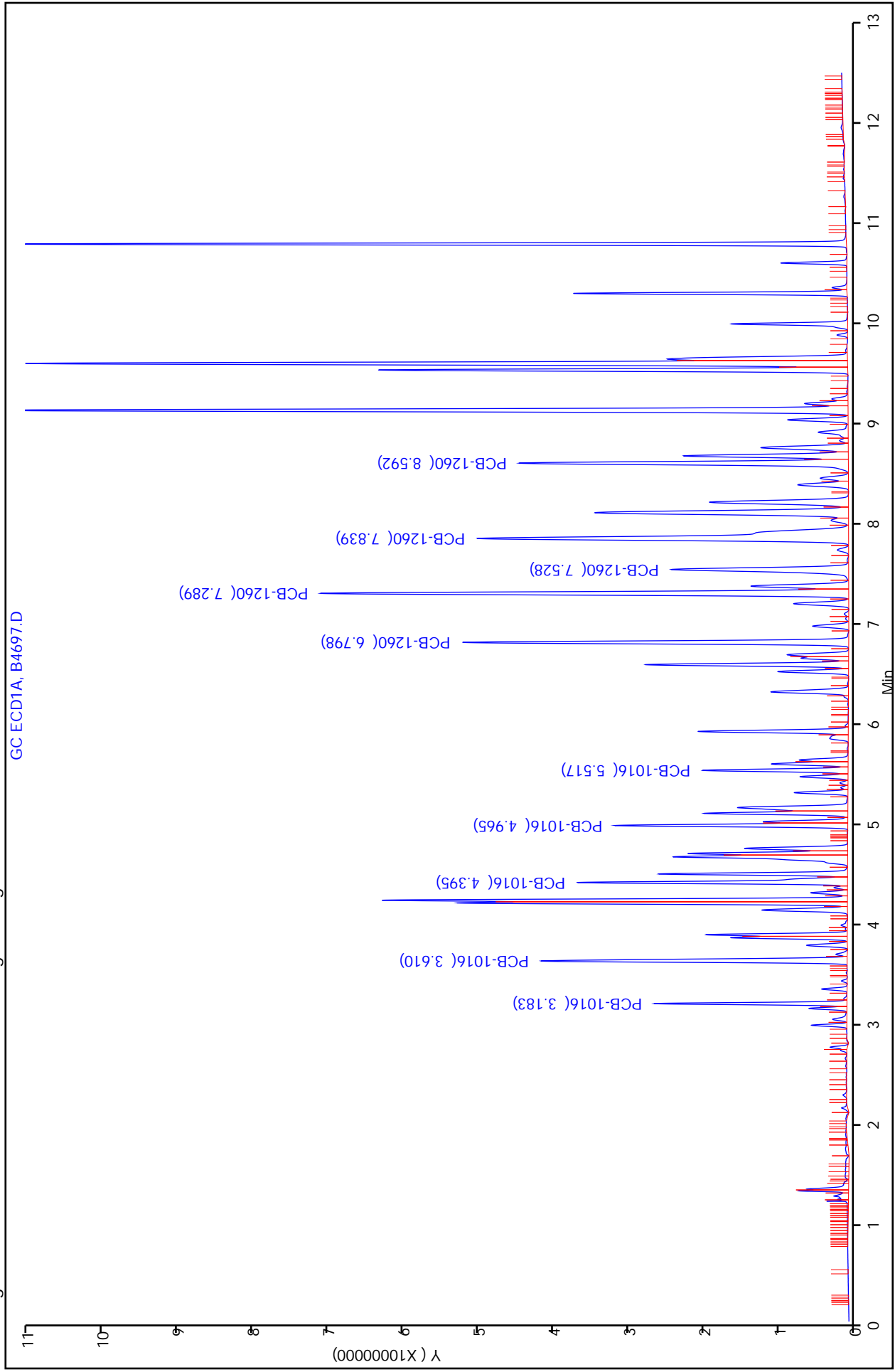
## \$ 3 Dibutylchlorendate

1	1	9.590	9.590	0.000	206883459	104.5			
2	2	10.317	10.317	0.000	81761092	101.3			
							RPD = 3.07		

## \$ 2 DCB Decachlorobiphenyl

1	1	10.785	10.785	0.000	146892337	99.0			
2	2	11.639	11.639	0.000	80047552	98.5			
							RPD = 0.46		

Report Date: 20-Apr-2011 14:33:00 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110420-4742.b\B4697.D  
 Injection Date: 20-Apr-2011 13:11:27 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 79231 Lims Sample ID: 13  
 Operator ID: Injection Vol: 1.00 ul  
 Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 510-78933/1-A  
 Matrix: Solid Lab File ID: B4588.D  
 Analysis Method: 8082 Date Collected: \_\_\_\_\_  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 30(g) Date Analyzed: 04/15/2011 12:30  
 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.: 79013 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.010		0.010	0.0011
11104-28-2	PCB-1221	<0.010		0.010	0.0030
11141-16-5	PCB-1232	<0.010		0.010	0.0024
53469-21-9	PCB-1242	<0.010		0.010	0.0019
12672-29-6	PCB-1248	<0.010		0.010	0.0017
11097-69-1	PCB-1254	<0.010		0.010	0.0016
11096-82-5	PCB-1260	<0.010		0.010	0.00082

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		14-147
1770-80-5	Dibutylchloredate	72		10-132



TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4588.D  
 Lims ID: MB 510-78933/1-A Client ID:  
 Inject. Date: 15-Apr-2011 12:30:31 Dil. Factor: 1.0000  
 Sample Type: MB  
 Sample ID: mb 510-78933/1-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 4  
 Lims Batch ID: 79013 Lims Sample ID: 5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 12:35:02 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 15:04:38

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	0.014	0.0	0.014	16750	0			
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8 Polychlorinated biphenyls, Total

1	1	0.043	0.0	0.043	16601	0			
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5 PCB-1221

1	1			2.269					
1	2			2.968					
1	3			3.136					
1	4			3.184					
1	5			4.625					
2	6			2.533					
2	7			2.964					
2	8			3.465					
2	9			3.660					
2	10			3.745					

Data File: \\valsrv08\ChromData\SGCA\20110415-4720.b\B4588.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
7 PCB-1232									
1	1		2.966						
1	2		3.182						
1	3		3.609						
1	4		4.395						
1	5		4.481						
2	6		2.532						
2	7		3.744						
2	8		4.321						
2	9		5.211						
2	10		5.937						
4 PCB-1016									
1	1		3.183						
1	2		3.609						
1	3		4.395						
1	4		4.966						
1	5		5.519						
2	6		3.744						
2	7		4.322						
2	8		5.212						
2	9		5.645						
2	10		5.938						
10 PCB-1242									
1	1		3.183						
1	2		3.612						
1	3		4.482						
1	4		5.145						
1	5		5.623						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.611						
2	10		6.998						
6 PCB-1248									
1	1		3.610						
1	2		4.219						
1	3		5.089						
1	4		5.623						
1	5		6.508						
2	6		4.323						
2	7		5.210						
2	8		5.940						
2	9		6.611						
2	10		7.001						

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		5.621						
1	2		6.321						
1	3		6.506						
1	4		6.958						
1	5		7.841						
2	6		6.607						
2	7		6.924						
2	8		7.829						
2	9		8.342						
2	10		9.285						

11 PCB-1260

1	1		6.799						
1	2		7.290						
1	3		7.529						
1	4		7.840						
1	5		8.593						
2	6		7.906						
2	7		8.271						
2	8		8.696						
2	9		9.416						
2	10		9.807						

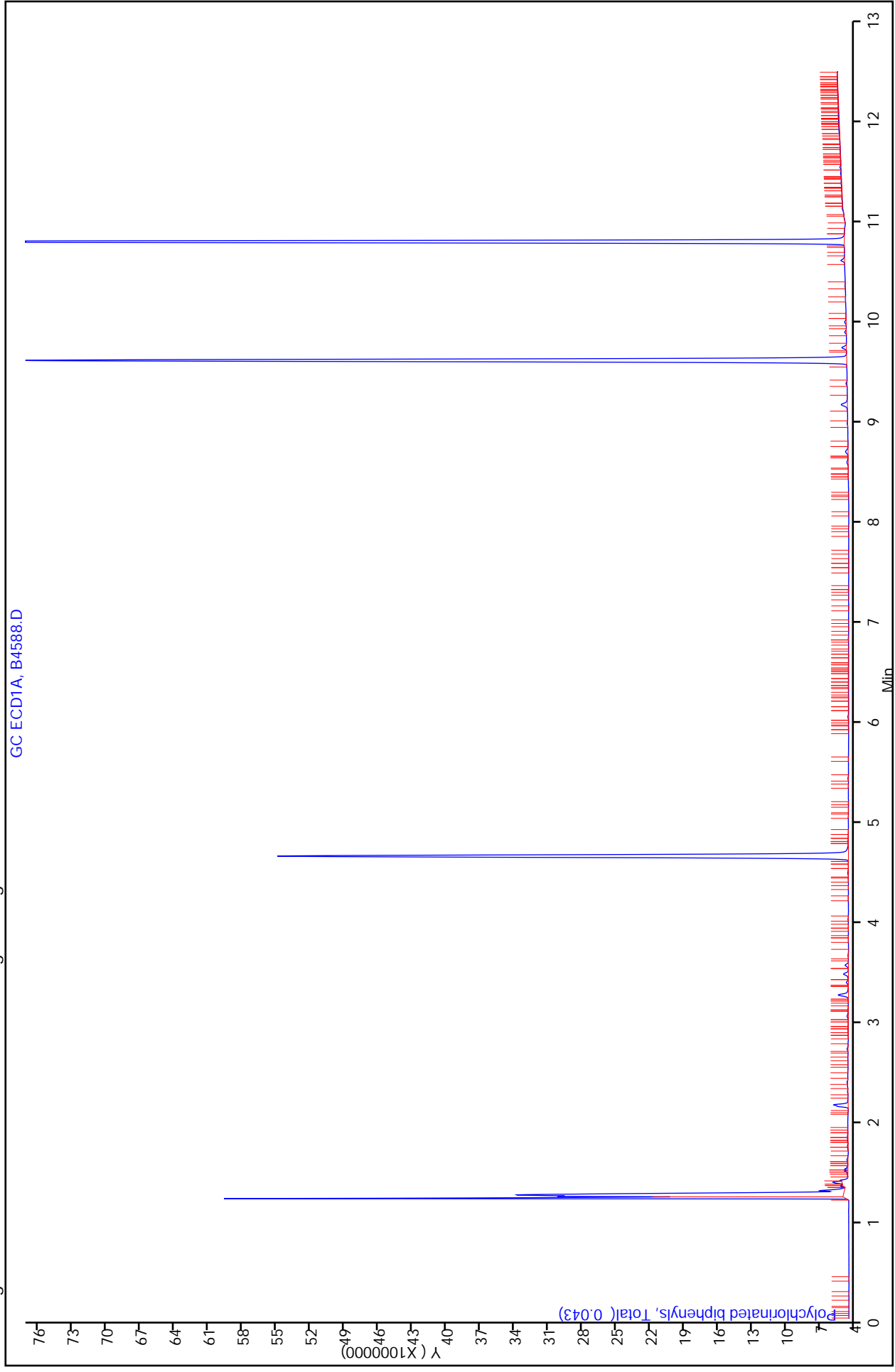
\$ 3 Dibutylchloroendate

1	1	9.603	9.590	0.013	124595383	71.9			
2	2	10.320	10.318	0.002	60671387	76.7			
							RPD =	6.44	

\$ 2 DCB Decachlorobiphenyl

1	1	10.793	10.786	0.007	138957399	94.0			
2	2	11.642	11.639	0.003	77797623	95.9			
							RPD =	1.99	

Report Date: 15-Apr-2011 15:04:39 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\vaisvr08\ChromData\SGCA\20110415-4720.b\B4588.D  
Injection Date: 15-Apr-2011 12:30:31 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79013 Lims Sample ID: 5  
Operator ID: Injection Vol: 1.00 ul  
Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 510-79020/1-A  
 Matrix: Solid Lab File ID: B4656.D  
 Analysis Method: 8082 Date Collected: \_\_\_\_\_  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 30(g) Date Analyzed: 04/19/2011 10:51  
 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.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<0.010		0.010	0.0011
11104-28-2	PCB-1221	<0.010		0.010	0.0030
11141-16-5	PCB-1232	<0.010		0.010	0.0024
53469-21-9	PCB-1242	<0.010		0.010	0.0019
12672-29-6	PCB-1248	<0.010		0.010	0.0017
11097-69-1	PCB-1254	<0.010		0.010	0.0016
11096-82-5	PCB-1260	<0.010		0.010	0.00082

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		14-147
1770-80-5	Dibutylchloredate	80		10-132

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4656.D  
 Lims ID: MB 510-79020/1-A Client ID:  
 Inject. Date: 19-Apr-2011 10:51:08 Dil. Factor: 1.0000  
 Sample Type: MB  
 Sample ID: mb 510-79020/1-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 4  
 Lims Batch ID: 79155 Lims Sample ID: 5  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 11:23:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
\$	1								1
	1		0.0						
									1
	1		0.0						
	1		2.269						
	2		2.968						
	3		3.136						
	4		3.184						
	5		4.625						
	2		2.533						
	2		2.964						
	2		3.465						
	2		3.660						
	2		3.745						

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4656.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		2.966						
1	2		3.182						
1	3		3.609						
1	4		4.395						
1	5		4.481						
2	6		2.532						
2	7		3.744						
2	8		4.321						
2	9		5.211						
2	10		5.937						

## 10 PCB-1242

1	1		3.183						
1	2		3.610						
1	3		4.481						
1	4		5.146						
1	5		5.622						
2	6		3.744						
2	7		4.322						
2	8		5.211						
2	9		6.610						
2	10		6.999						

## 4 PCB-1016

1	1		3.184						
1	2		3.610						
1	3		4.396						
1	4		4.967						
1	5		5.520						
2	6		3.745						
2	7		4.324						
2	8		5.212						
2	9		5.646						
2	10		5.940						

## 6 PCB-1248

1	1		3.608						
1	2		4.218						
1	3		5.088						
1	4		5.623						
1	5		6.507						
2	6		4.322						
2	7		5.209						
2	8		5.938						
2	9		6.610						
2	10		6.999						

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	5.621
1	2	6.321
1	3	6.506
1	4	6.959
1	5	7.842
2	6	6.607
2	7	6.925
2	8	7.830
2	9	8.341
2	10	9.285

11 PCB-1260

1	1	6.801
1	2	7.293
1	3	7.531
1	4	7.843
1	5	8.595
2	6	7.909
2	7	8.274
2	8	8.699
2	9	9.418
2	10	9.809

\$ 3 Dibutylchloroendate

1	1	9.595	9.593	0.002	144251490	80.4
2	2	10.319	10.320	-0.001	71896670	90.0

RPD = 11.20

\$ 2 DCB Decachlorobiphenyl

1	1	10.787	10.789	-0.002	171585133	114.2
2	2	11.640	11.643	-0.003	87435576	107.2

RPD = 6.33

QC Flag Legend

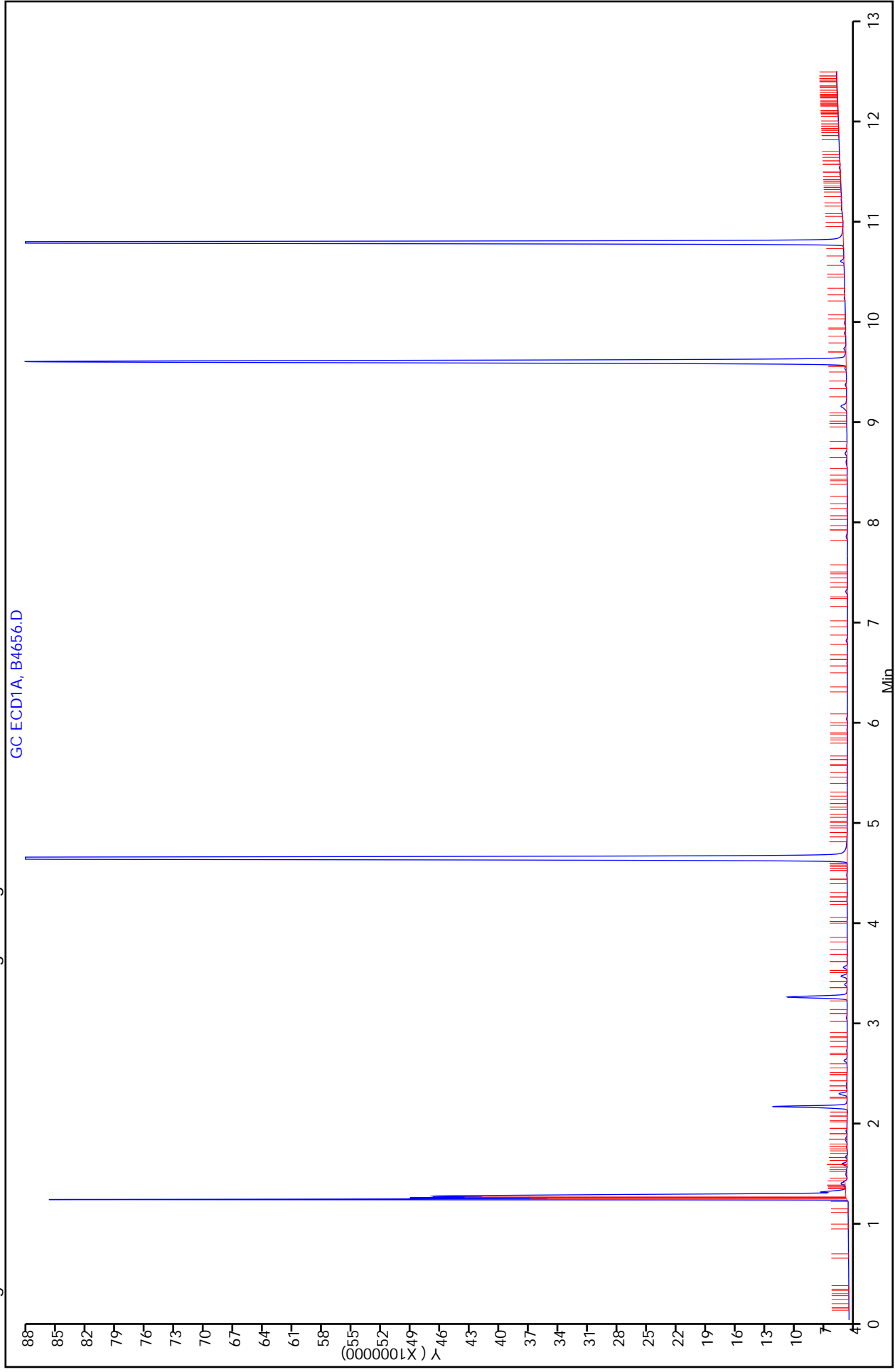
Processing Flags

1 - Missing Peaks



Report Date: 19-Apr-2011 11:23:30 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
Data File: \\valsrv08\ChromData\SGCA\20110419-4736.b\B4656.D  
Injection Date: 19-Apr-2011 10:51:08 Limit Group: SGC - 1 - 8082 CAL  
Client ID: Instrument ID: SGCA  
Lims Batch ID: 79155 Lims Sample ID: 5  
Operator ID: Injection Vol: 1.00 ul

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



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 510-78933/2-A  
 Matrix: Solid Lab File ID: B4589.D  
 Analysis Method: 8082 Date Collected: \_\_\_\_\_  
 Extraction Method: 3541 Date Extracted: 04/14/2011 07:56  
 Sample wt/vol: 30(g) Date Analyzed: 04/15/2011 12:45  
 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.: 79013 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.174		0.010	0.0011
11096-82-5	PCB-1260	0.179		0.010	0.00082

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

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4589.D  
 Lims ID: LCS 510-78933/2-A Client ID:  
 Inject. Date: 15-Apr-2011 12:45:42 Dil. Factor: 1.0000  
 Sample Type: LCS  
 Sample ID: lcs 510-78933/2-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 5  
 Lims Batch ID: 79013 Lims Sample ID: 6  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110415-4720.b\PCBS.m  
 Last Update: 15-Apr-2011 12:35:02 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 15-Apr-2011 15:04:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags	
4 PCB-1016										
1	1	3.184	3.183	0.001	41112937	1030.2		100.0		
1	2	3.610	3.609	0.001	91159578	1056.3	187.2- 247.2	221.7		
1	3	4.397	4.395	0.002	75698612	1068.6	146.3- 206.3	184.1		
1	4	4.969	4.966	0.003	57407176	1040.4	109.2- 169.2	139.6		
1	5	5.520	5.519	0.001	35944314	1027.0	57.8- 117.8	87.4		
		Average of Peak Amounts =				1044.5				
2	6	3.745	3.744	0.001	20736317	1031.7		100.0		
2	7	4.322	4.322	0.000	43613778	980.1	192.3- 252.3	210.3		
2	8	5.212	5.212	0.000	34017454	984.0	140.7- 200.7	164.0		
2	9	5.646	5.645	0.001	15950651	1000.2	47.3- 107.3	76.9		
2	10	5.939	5.938	0.001	27779403	987.5	109.9- 169.9	134.0		
		Average of Peak Amounts =				996.7				
		RPD = 4.68								
11 PCB-1260										
1	1	6.801	6.799	0.002	105501854	1060.8		100.0		
1	2	7.293	7.290	0.003	165184348	1091.2	121.7- 181.7	156.6		
1	3	7.532	7.529	0.003	65088428	1086.8	30.7- 90.7	61.7		
1	4	7.843	7.840	0.003	182583030	1157.2	128.0- 188.0	173.1		
1	5	8.596	8.593	0.003	91138015	969.7	64.6- 124.6	86.4		
		Average of Peak Amounts =				1073.2				
2	6	7.906	7.906	0.000	26119750	947.4		100.0		
2	7	8.271	8.271	0.000	55417526	1009.2	175.0- 235.0	212.2		
2	8	8.697	8.696	0.001	66825698	1011.0	212.3- 272.3	255.8		
2	9	9.415	9.416	-0.001	41951592	873.9	147.4- 207.4	160.6		
2	10	9.807	9.807	0.000	44916341	852.1	163.3- 223.3	172.0		
		Average of Peak Amounts =				938.7				
		RPD = 13.36								

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

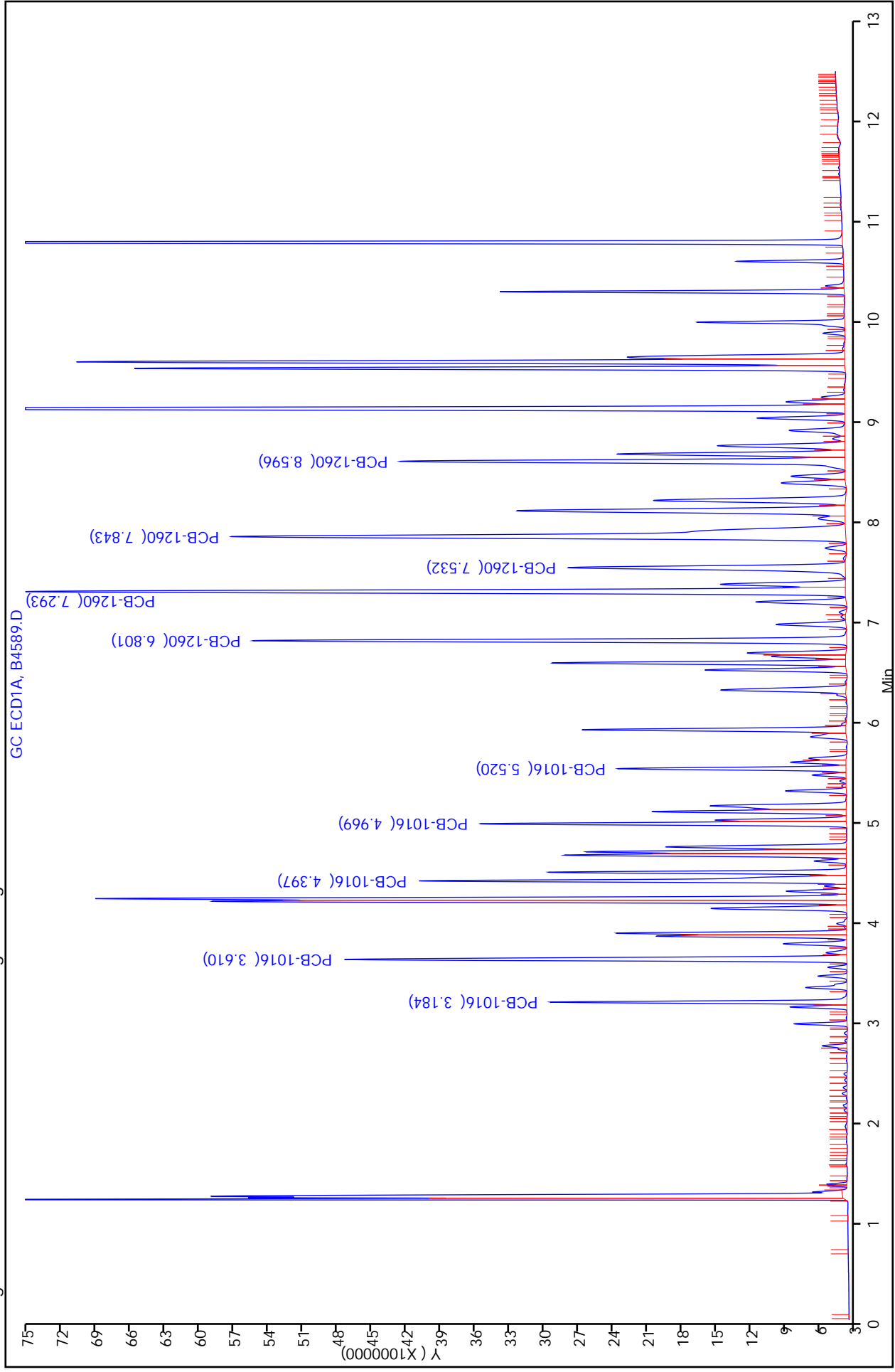
1	1	9.592	9.590	0.002	134132411	76.1			
2	2	10.319	10.318	0.001	49281538	62.7			
							RPD = 19.31		

\$ 2 DCB Decachlorobiphenyl

1	1	10.787	10.786	0.001	157474080	105.6			
2	2	11.640	11.639	0.001	83939532	103.1			
							RPD = 2.36		

Report Date: 15-Apr-2011 15:04:55 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110415-4720.b\B4589.D  
 Injection Date: 15-Apr-2011 12:45:42 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 79013 Lims Sample ID: 6  
 Operator ID: Injection Vol: 1.00 ul

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



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 510-79020/2-A  
 Matrix: Solid Lab File ID: B4657.D  
 Analysis Method: 8082 Date Collected: \_\_\_\_\_  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 30(g) Date Analyzed: 04/19/2011 11:06  
 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.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.179		0.010	0.0011
11096-82-5	PCB-1260	0.192		0.010	0.00082

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		14-147
1770-80-5	Dibutylchloredate	91		10-132

TestAmerica Laboratories  
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4657.D  
 Lims ID: LCS 510-79020/2-A Client ID:  
 Inject. Date: 19-Apr-2011 11:06:23 Dil. Factor: 1.0000  
 Sample Type: LCS  
 Sample ID: lcs 510-79020/2-a  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 5  
 Lims Batch ID: 79155 Lims Sample ID: 6  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 11:24:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1	3.185	3.184	0.001	40261017	1008.0		100.0	
1	2	3.611	3.610	0.001	91729864	1063.2	187.2- 247.2	227.8	
1	3	4.397	4.396	0.001	78235681	1105.4	146.3- 206.3	194.3	
1	4	4.968	4.967	0.001	60394660	1096.1	109.2- 169.2	150.0	
1	5	5.520	5.520	0.000	37949276	1086.5	57.8- 117.8	94.3	
Average of Peak Amounts =						1071.8			
2	6	3.745	3.745	0.000	19488074	966.2		100.0	
2	7	4.323	4.324	-0.001	44023149	989.9	192.3- 252.3	225.9	
2	8	5.212	5.212	0.000	35182743	1019.1	140.7- 200.7	180.5	
2	9	5.646	5.646	0.000	16542075	1039.5	47.3- 107.3	84.9	
2	10	5.939	5.940	-0.001	29009195	1033.0	109.9- 169.9	148.9	
Average of Peak Amounts =						1009.5			
						RPD = 5.99			
11 PCB-1260									
1	1	6.800	6.801	-0.001	115037017	1160.0		100.0	
1	2	7.293	7.293	0.000	180777214	1197.2	121.7- 181.7	157.1	
1	3	7.532	7.531	0.001	71196472	1189.3	30.7- 90.7	61.9	
1	4	0.0	7.843	-7.843	0	0	128.0- 188.0		
1	5	8.596	8.595	0.001	99460219	1060.2	64.6- 124.6	86.5	
Average of Peak Amounts =						1151.6			
2	6	7.907	7.909	-0.002	28277779	1029.2		100.0	
2	7	8.272	8.274	-0.002	60159333	1099.3	175.0- 235.0	212.7	
2	8	8.696	8.699	-0.003	73162400	1111.6	212.3- 272.3	258.7	
2	9	9.415	9.418	-0.003	45969971	960.8	147.4- 207.4	162.6	
2	10	9.807	9.809	-0.002	53959169	1031.9	163.3- 223.3	190.8	
Average of Peak Amounts =						1046.6			
						RPD = 9.56			

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4657.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	9.592	9.593	-0.001	169765628	90.7			
2	2	10.319	10.320	-0.001	64107057	80.8			
							RPD = 11.59		

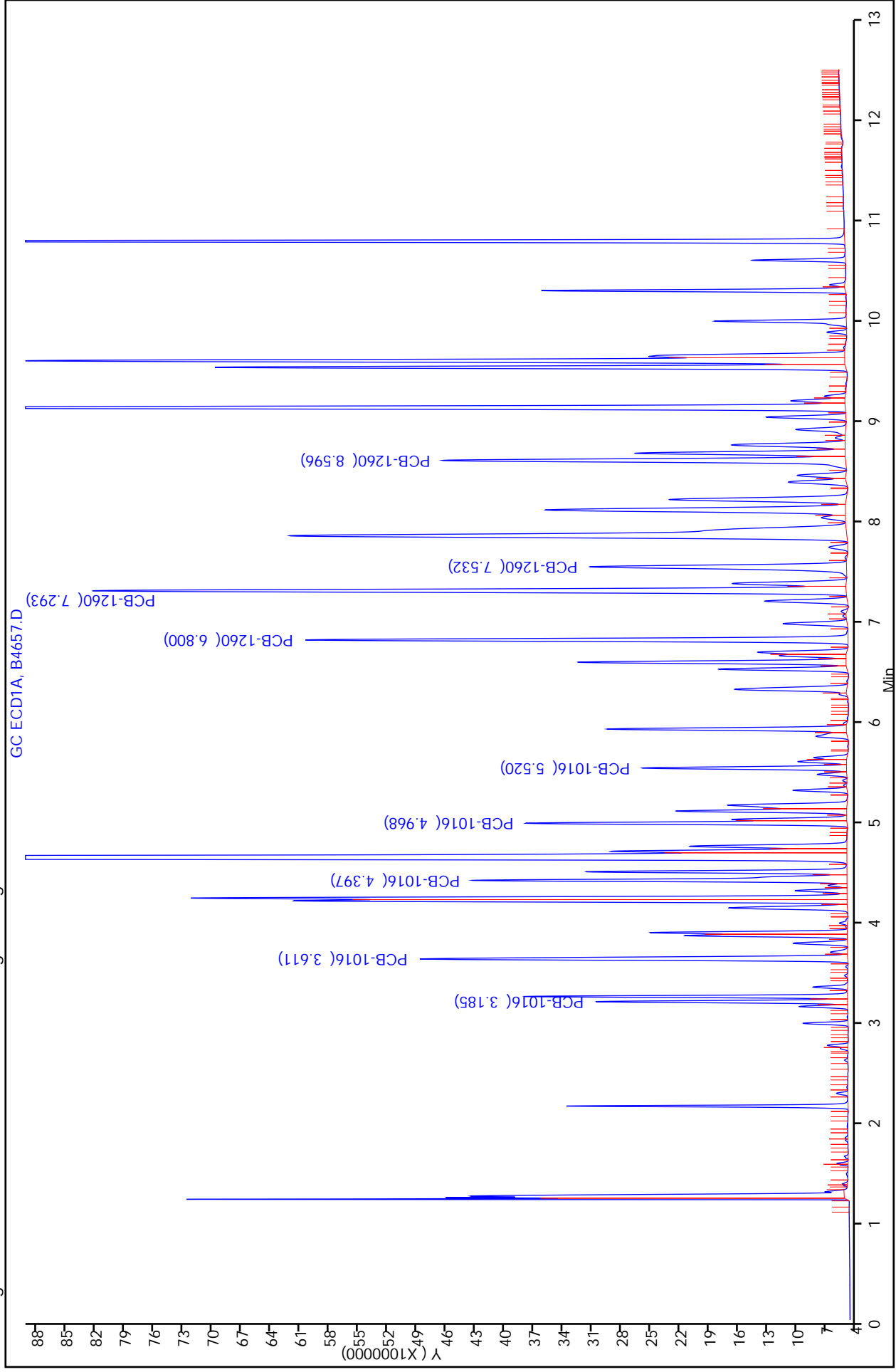
## \$ 2 DCB Decachlorobiphenyl

1	1	10.788	10.789	-0.001	162399539	108.6			
2	2	11.640	11.643	-0.003	85420857	104.8			
							RPD = 3.52		



Report Date: 19-Apr-2011 11:24:20 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4657.D  
 Injection Date: 19-Apr-2011 11:06:23 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 79155 Lims Sample ID: 6  
 Operator ID: Injection Vol: 1.00 ul

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



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 14B MS DL Lab Sample ID: 510-64148-17 MS DL  
 Matrix: Solid Lab File ID: B4659.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 14:00  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.32 (g) Date Analyzed: 04/19/2011 11:36  
 Con. Extract Vol.: 5 (mL) Dilution Factor: 50  
 Injection Volume: 1 (uL) GC Column: 8082/608 ID: 0.53 (mm)  
 % Moisture: 5.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<1.0		1.0	0.12
11096-82-5	PCB-1260	53.3		1.0	0.084

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\20110419-4736.b\B4659.D  
 Lims ID: 510-64148-A-17-B MS Client ID:  
 Inject. Date: 19-Apr-2011 11:36:24 Dil. Factor: 50.0000  
 Sample Type: MS  
 Sample ID: 510-64148-a-17-b ms  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 7  
 Lims Batch ID: 79155 Lims Sample ID: 8  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 12:16:12

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	3.184
1	2	3.610
1	3	4.396
1	4	4.967
1	5	5.520
2	6	3.745
2	7	4.324
2	8	5.212
2	9	5.646
2	10	5.940

11 PCB-1260

1	1	6.799	6.801	-0.002	286134327	3024.0		100.0	5
1	2	7.290	7.293	-0.003	474044627	3270.0	121.7- 181.7	165.7	
1	3	7.529	7.531	-0.002	181454472	3036.2	30.7- 90.7	63.4	
1	4	7.841	7.843	-0.002	524730566	3436.8	128.0- 188.0	183.4	
1	5	8.594	8.595	-0.001	243928943	2661.7	64.6- 124.6	85.2	
Average of Peak Amounts =						3085.8			
2	6	7.906	7.909	-0.003	67130360	2583.1		100.0	5
2	7	8.271	8.274	-0.003	146001390	2808.2	175.0- 235.0	217.5	
2	8	8.695	8.699	-0.004	185663021	3032.6	212.3- 272.3	276.6	
2	9	9.415	9.418	-0.003	106723888	2332.2	147.4- 207.4	159.0	
2	10	9.807	9.809	-0.002	114113029	2293.3	163.3- 223.3	170.0	
Average of Peak Amounts =						2609.9			

RPD = 16.71

\$ 3 Dibutylchloroendate

1	1	9.593
2	2	10.320

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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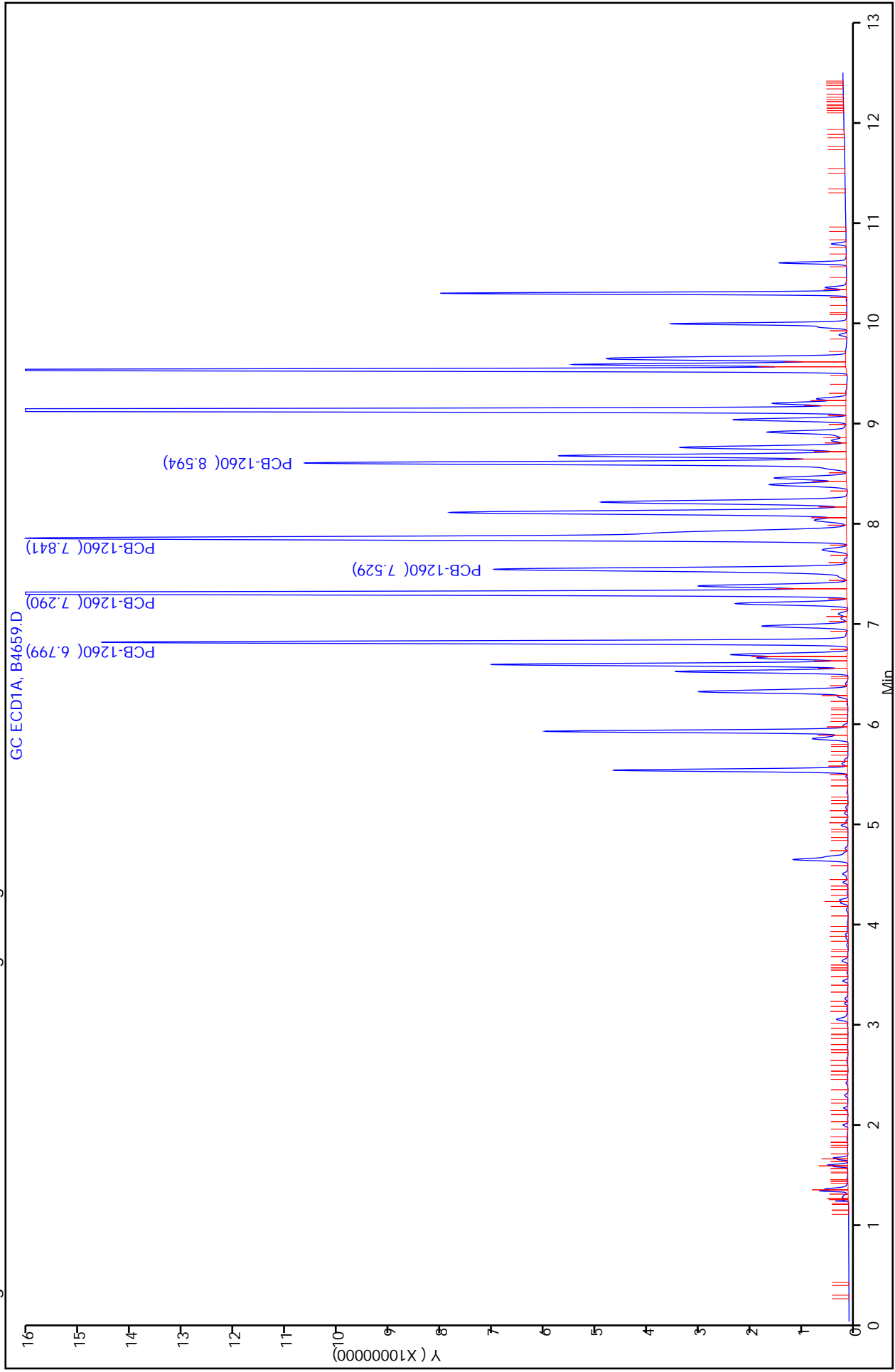
\$ 2 DCB Decachlorobiphenyl  
 1 1 10.789  
 2 2 11.643

QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

Report Date: 19-Apr-2011 12:16:12 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsrv08\ChromData\SGCA\20110419-4736.b\B4659.D  
 Injection Date: 19-Apr-2011 11:36:24 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 79155 Lims Sample ID: 8  
 Operator ID: Injection Vol: 1.00 ul  
 Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I  
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 14B MSD DL Lab Sample ID: 510-64148-17 MSD DL  
 Matrix: Solid Lab File ID: B4660.D  
 Analysis Method: 8082 Date Collected: 04/06/2011 14:00  
 Extraction Method: 3541 Date Extracted: 04/15/2011 10:52  
 Sample wt/vol: 15.27(g) Date Analyzed: 04/19/2011 11:51  
 Con. Extract Vol.: 5(mL) Dilution Factor: 50  
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)  
 % Moisture: 5.5 GPC Cleanup: (Y/N) N  
 Analysis Batch No.: 79155 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	<1.0		1.0	0.12
11096-82-5	PCB-1260	22.5		1.0	0.085

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\20110419-4736.b\B4660.D  
 Lims ID: 510-64148-A-17-C MSD Client ID:  
 Inject. Date: 19-Apr-2011 11:51:24 Dil. Factor: 50.0000  
 Sample Type: MSD  
 Sample ID: 510-64148-a-17-c msd  
 Misc. Info.:  
 Operator: Instrument ID: SGCA  
 Vol. Injected: 1.0000 ALS Bottle#: 8  
 Lims Batch ID: 79155 Lims Sample ID: 9  
 Detector 1 : GC ECD1A  
 Detector 2 : GC ECD2B  
 Method: \\valsvr08\ChromData\SGCA\20110419-4736.b\PCBS.m  
 Last Update: 19-Apr-2011 11:16:45 Calib Date: 10-Mar-2011 12:31:51  
 Quant Method: External Standard Quant By: Initial Calibration  
 Last ICal File: \\valsvr08\ChromData\SGCA\20110310-4506.b\B4172.D  
 Limit Group: SGC - 1 - 8082 CAL  
 Integrator: Falcon  
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 19-Apr-2011 12:16:35

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	3.184
1	2	3.610
1	3	4.396
1	4	4.967
1	5	5.520
2	6	3.745
2	7	4.324
2	8	5.212
2	9	5.646
2	10	5.940

11 PCB-1260

1	1	6.801	6.801	0.000	124787445	1261.8		100.0
1	2	7.293	7.293	0.000	206011797	1369.5	121.7- 181.7	165.1
1	3	7.532	7.531	0.001	78114901	1305.3	30.7- 90.7	62.6
1	4	7.843	7.843	0.000	225074208	1432.9	128.0- 188.0	180.4
1	5	8.595	8.595	0.000	105769306	1128.9	64.6- 124.6	84.8
Average of Peak Amounts =						1299.7		
2	6	7.910	7.909	0.001	27992148	1018.4		100.0
2	7	8.274	8.274	0.000	62418865	1142.4	175.0- 235.0	223.0
2	8	8.699	8.699	0.000	81183159	1240.0	212.3- 272.3	290.0
2	9	9.418	9.418	0.000	43759841	912.9	147.4- 207.4	156.3
2	10	9.809	9.809	0.000	46514905	883.7	163.3- 223.3	166.2
Average of Peak Amounts =						1039.5		

RPD = 22.25

\$ 3 Dibutylchloroendate

1	1	9.593
2	2	10.320

Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4660.D

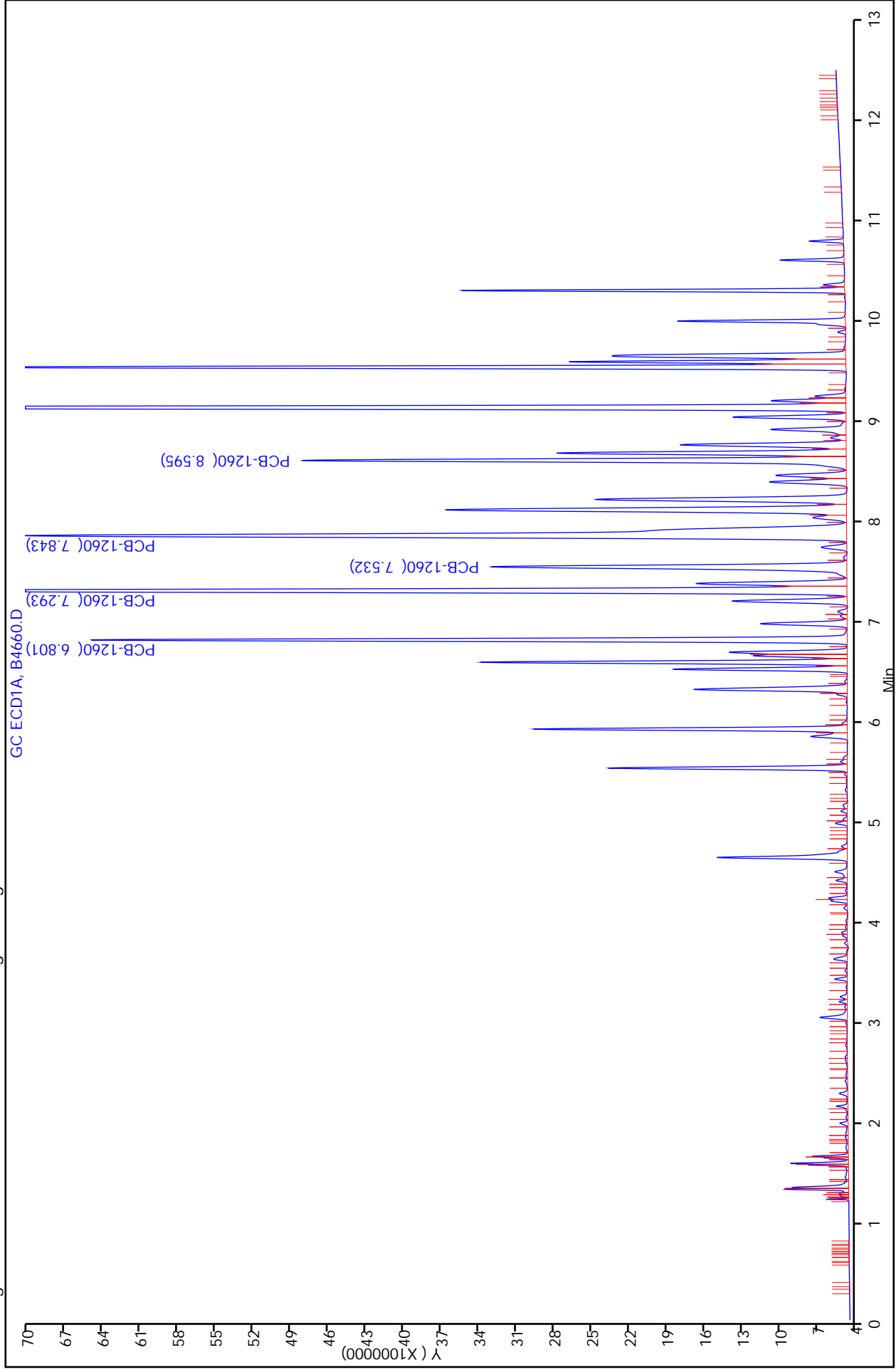
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ug/L	Ratio Range	Ratio	Flags
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\$ 2 DCB Decachlorobiphenyl

1	1		10.789						
2	2		11.643						



Report Date: 19-Apr-2011 12:16:35 Chrom Revision: 1.2 17-Feb-2011 18:05:56  
 Data File: \\valsvr08\ChromData\SGCA\20110419-4736.b\B4660.D  
 Injection Date: 19-Apr-2011 11:51:24 Limit Group: SGC - 1 - 8082 CAL  
 Client ID: Instrument ID: SGCA  
 Lims Batch ID: 79155 Lims Sample ID: 9  
 Operator ID: Injection Vol: 1.00 ul  
 Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Start Date: 03/10/2011 09:13

Analysis Batch Number: 77152 End Date: 03/10/2011 18:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD10 510-77152/1 IC		03/10/2011 09:13	1	B4159.D	8082/608 0.53 (mm)
STD10 510-77152/1 IC		03/10/2011 09:13	1		8082/608V2 0.53 (mm)
STD50 510-77152/2 IC		03/10/2011 09:28	1	B4160.D	8082/608 0.53 (mm)
STD50 510-77152/2 IC		03/10/2011 09:28	1		8082/608V2 0.53 (mm)
STD100 510-77152/3 IC		03/10/2011 09:44	1	B4161.D	8082/608 0.53 (mm)
STD100 510-77152/3 IC		03/10/2011 09:44	1		8082/608V2 0.53 (mm)
STD250 510-77152/4 IC		03/10/2011 09:59	1	B4162.D	8082/608 0.53 (mm)
STD250 510-77152/4 IC		03/10/2011 09:59	1		8082/608V2 0.53 (mm)
STD500 510-77152/5 IC		03/10/2011 10:14	1	B4163.D	8082/608 0.53 (mm)
STD500 510-77152/5 IC		03/10/2011 10:14	1		8082/608V2 0.53 (mm)
STD1000 510-77152/6 IC		03/10/2011 10:29	1	B4164.D	8082/608 0.53 (mm)
STD1000 510-77152/6 IC		03/10/2011 10:29	1		8082/608V2 0.53 (mm)
STD1500 510-77152/7 IC		03/10/2011 10:44	1	B4165.D	8082/608 0.53 (mm)
STD1500 510-77152/7 IC		03/10/2011 10:44	1		8082/608V2 0.53 (mm)
STD2000 510-77152/8 IC		03/10/2011 10:59	1	B4166.D	8082/608 0.53 (mm)
STD2000 510-77152/8 IC		03/10/2011 10:59	1		8082/608V2 0.53 (mm)
STD3000 510-77152/9 IC		03/10/2011 11:15	1	B4167.D	8082/608 0.53 (mm)
STD3000 510-77152/9 IC		03/10/2011 11:15	1		8082/608V2 0.53 (mm)
STD1221 510-77152/10 IC		03/10/2011 11:30	1	B4168.D	8082/608 0.53 (mm)
STD1221 510-77152/10 IC		03/10/2011 11:30	1		8082/608V2 0.53 (mm)
STD1232 510-77152/11 IC		03/10/2011 11:45	1	B4169.D	8082/608 0.53 (mm)
STD1232 510-77152/11 IC		03/10/2011 11:45	1		8082/608V2 0.53 (mm)
STD1242 510-77152/12 IC		03/10/2011 12:00	1	B4170.D	8082/608 0.53 (mm)
STD1242 510-77152/12 IC		03/10/2011 12:00	1		8082/608V2 0.53 (mm)
STD1248 510-77152/13 IC		03/10/2011 12:16	1	B4171.D	8082/608 0.53 (mm)
STD1248 510-77152/13 IC		03/10/2011 12:16	1		8082/608V2 0.53 (mm)
STD1254 510-77152/14 IC		03/10/2011 12:31	1	B4172.D	8082/608 0.53 (mm)
STD1254 510-77152/14 IC		03/10/2011 12:31	1		8082/608V2 0.53 (mm)
ICV 510-77152/15		03/10/2011 12:47	1		8082/608 0.53 (mm)
ICV 510-77152/15		03/10/2011 12:47	1		8082/608V2 0.53 (mm)
CCV1500 510-77152/16		03/10/2011 13:02	1		8082/608 0.53 (mm)
CCV1500 510-77152/16		03/10/2011 13:02	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 14:23	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 14:23	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Start Date: 03/10/2011 09:13

Analysis Batch Number: 77152 End Date: 03/10/2011 18:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/10/2011 14:38	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 14:38	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 14:53	10		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 14:53	10		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 15:09	10		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 15:09	10		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 15:24	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 15:24	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 15:40	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 15:40	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 15:55	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 15:55	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 16:10	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 16:10	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 16:26	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 16:26	1		8082/608V2 0.53 (mm)
CCV1000 510-77152/26		03/10/2011 16:41	1		8082/608 0.53 (mm)
CCV1000 510-77152/26		03/10/2011 16:41	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 17:11	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 17:11	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 17:27	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 17:27	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 17:42	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 17:42	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 17:57	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 17:57	1		8082/608V2 0.53 (mm)
ZZZZZ		03/10/2011 18:13	1		8082/608 0.53 (mm)
ZZZZZ		03/10/2011 18:13	1		8082/608V2 0.53 (mm)
CCV1500 510-77152/33		03/10/2011 18:28	1		8082/608 0.53 (mm)
CCV1500 510-77152/33		03/10/2011 18:28	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Start Date: 04/15/2011 10:59

Analysis Batch Number: 79013 End Date: 04/15/2011 19:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-79013/1		04/15/2011 10:59	1	B4584.D	8082/608 0.53 (mm)
CCV1500 510-79013/1		04/15/2011 10:59	1		8082/608V2 0.53 (mm)
CCV1242 510-79013/2		04/15/2011 11:14	1	B4585.D	8082/608 0.53 (mm)
CCV1242 510-79013/2		04/15/2011 11:14	1		8082/608V2 0.53 (mm)
CCV1248 510-79013/3		04/15/2011 11:30	1	B4586.D	8082/608 0.53 (mm)
CCV1248 510-79013/3		04/15/2011 11:30	1		8082/608V2 0.53 (mm)
CCV1254 510-79013/4		04/15/2011 11:45	1	B4587.D	8082/608 0.53 (mm)
CCV1254 510-79013/4		04/15/2011 11:45	1		8082/608V2 0.53 (mm)
MB 510-78933/1-A		04/15/2011 12:30	1	B4588.D	8082/608 0.53 (mm)
ZZZZZ		04/15/2011 12:30	1		8082/608V2 0.53 (mm)
LCS 510-78933/2-A		04/15/2011 12:45	1	B4589.D	8082/608 0.53 (mm)
ZZZZZ		04/15/2011 12:45	1		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 13:00	1		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 13:00	1		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 13:15	1		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 13:15	1		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 13:30	1		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 13:30	1		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 13:45	1		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 13:45	1		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 14:00	1		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 14:00	1		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 14:16	1		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 14:16	1		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 14:44	10		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 14:44	10		8082/608V2 0.53 (mm)
510-64148-4 DL	1B DL	04/15/2011 14:59	100	B4597.D	8082/608 0.53 (mm)
ZZZZZ		04/15/2011 14:59	100		8082/608V2 0.53 (mm)
510-64148-2 DL	2A DL	04/15/2011 15:35	20	B4598.D	8082/608 0.53 (mm)
ZZZZZ		04/15/2011 15:35	20		8082/608V2 0.53 (mm)
510-64148-3 DL	3A DL	04/15/2011 15:50	20	B4599.D	8082/608 0.53 (mm)
ZZZZZ		04/15/2011 15:50	20		8082/608V2 0.53 (mm)
510-64148-1 DL2	1A DL2	04/15/2011 16:05	50	B4600.D	8082/608 0.53 (mm)
ZZZZZ		04/15/2011 16:05	50		8082/608V2 0.53 (mm)
CCV1000 510-79013/18		04/15/2011 16:20	1	B4601.D	8082/608 0.53 (mm)
CCV1000 510-79013/18		04/15/2011 16:20	1		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 16:51	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 16:51	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 17:06	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 17:06	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 17:21	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 17:21	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 17:36	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 17:36	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 17:51	20		8082/608 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Start Date: 04/15/2011 10:59

Analysis Batch Number: 79013 End Date: 04/15/2011 19:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/15/2011 17:51	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 18:06	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 18:06	20		8082/608V2 0.53 (mm)
510-64148-13 DL	10B DL	04/15/2011 18:21	10	B4609.D	8082/608 0.53 (mm)
ZZZZZ		04/15/2011 18:21	10		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 18:36	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 18:36	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 18:51	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 18:51	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 19:06	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 19:06	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 19:21	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 19:21	20		8082/608V2 0.53 (mm)
ZZZZZ		04/15/2011 19:36	20		8082/608 0.53 (mm)
ZZZZZ		04/15/2011 19:36	20		8082/608V2 0.53 (mm)
CCV1500 510-79013/32		04/15/2011 19:51	1	B4615.D	8082/608 0.53 (mm)
CCV1500 510-79013/32		04/15/2011 19:51	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Start Date: 04/18/2011 10:20

Analysis Batch Number: 79092 End Date: 04/18/2011 16:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-79092/1		04/18/2011 10:20	1	B4626.D	8082/608 0.53 (mm)
CCV1500 510-79092/1		04/18/2011 10:20	1		8082/608V2 0.53 (mm)
CCV1242 510-79092/2		04/18/2011 10:35	1	B4627.D	8082/608 0.53 (mm)
CCV1242 510-79092/2		04/18/2011 10:35	1		8082/608V2 0.53 (mm)
CCV1248 510-79092/3		04/18/2011 10:50	1	B4628.D	8082/608 0.53 (mm)
CCV1248 510-79092/3		04/18/2011 10:50	1		8082/608V2 0.53 (mm)
CCV1254 510-79092/4		04/18/2011 11:05	1	B4629.D	8082/608 0.53 (mm)
CCV1254 510-79092/4		04/18/2011 11:05	1		8082/608V2 0.53 (mm)
510-64148-5 DL2	2B DL2	04/18/2011 11:20	500	B4630.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 11:20	500		8082/608V2 0.53 (mm)
510-64148-6 DL2	3B DL2	04/18/2011 11:35	100	B4631.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 11:35	100		8082/608V2 0.53 (mm)
510-64148-7 DL2	4B DL2	04/18/2011 11:50	100	B4632.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 11:50	100		8082/608V2 0.53 (mm)
510-64148-8 DL2	5B DL2	04/18/2011 12:05	500	B4633.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 12:05	500		8082/608V2 0.53 (mm)
510-64148-9 DL2	6B DL2	04/18/2011 12:20	200	B4634.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 12:20	200		8082/608V2 0.53 (mm)
510-64148-10 DL2	7B DL2	04/18/2011 12:35	500	B4635.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 12:35	500		8082/608V2 0.53 (mm)
510-64148-11 DL2	8B DL2	04/18/2011 12:50	100	B4636.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 12:50	100		8082/608V2 0.53 (mm)
ZZZZZ		04/18/2011 13:05	500		8082/608 0.53 (mm)
ZZZZZ		04/18/2011 13:05	500		8082/608V2 0.53 (mm)
ZZZZZ		04/18/2011 13:20	1000		8082/608 0.53 (mm)
ZZZZZ		04/18/2011 13:20	1000		8082/608V2 0.53 (mm)
510-64148-15 DL2	12B DL2	04/18/2011 13:35	500	B4639.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 13:35	500		8082/608V2 0.53 (mm)
ZZZZZ		04/18/2011 13:50	1000		8082/608 0.53 (mm)
ZZZZZ		04/18/2011 13:50	1000		8082/608V2 0.53 (mm)
CCV1000 510-79092/16		04/18/2011 14:05	1	B4641.D	8082/608 0.53 (mm)
CCV1000 510-79092/16		04/18/2011 14:05	1		8082/608V2 0.53 (mm)
510-64148-12 DL3	9B DL3	04/18/2011 15:03	5000	B4642.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 15:03	5000		8082/608V2 0.53 (mm)
510-64148-14 DL3	11B DL3	04/18/2011 15:18	2000	B4643.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 15:18	2000		8082/608V2 0.53 (mm)
510-64148-16 DL3	13B DL3	04/18/2011 15:33	5000	B4644.D	8082/608 0.53 (mm)
ZZZZZ		04/18/2011 15:33	5000		8082/608V2 0.53 (mm)
CCV1500 510-79092/20		04/18/2011 16:08	1	B4645.D	8082/608 0.53 (mm)
CCV1500 510-79092/20		04/18/2011 16:08	1		8082/608V2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Start Date: 04/19/2011 09:50

Analysis Batch Number: 79155 End Date: 04/19/2011 16:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-79155/1		04/19/2011 09:50	1	B4652.D	8082/608 0.53 (mm)
CCV1500 510-79155/1		04/19/2011 09:50	1		8082/608V2 0.53 (mm)
CCV1242 510-79155/2		04/19/2011 10:06	1	B4653.D	8082/608 0.53 (mm)
CCV1242 510-79155/2		04/19/2011 10:06	1		8082/608V2 0.53 (mm)
CCV1248 510-79155/3		04/19/2011 10:21	1	B4654.D	8082/608 0.53 (mm)
CCV1248 510-79155/3		04/19/2011 10:21	1		8082/608V2 0.53 (mm)
MB 510-79020/1-A		04/19/2011 10:51	1	B4656.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 10:51	1		8082/608V2 0.53 (mm)
LCS 510-79020/2-A		04/19/2011 11:06	1	B4657.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 11:06	1		8082/608V2 0.53 (mm)
510-64148-17 DL	14B DL	04/19/2011 11:21	50	B4658.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 11:21	50		8082/608V2 0.53 (mm)
510-64148-17 MS DL	14B MS DL	04/19/2011 11:36	50	B4659.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 11:36	50		8082/608V2 0.53 (mm)
510-64148-17 MSD DL	14B MSD DL	04/19/2011 11:51	50	B4660.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 11:51	50		8082/608V2 0.53 (mm)
510-64148-18 DL	15B DL	04/19/2011 12:06	20	B4661.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 12:06	20		8082/608V2 0.53 (mm)
510-64148-19 DL	16B DL	04/19/2011 12:21	1000	B4662.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 12:21	1000		8082/608V2 0.53 (mm)
510-64148-20 DL	17B DL	04/19/2011 12:36	200	B4663.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 12:36	200		8082/608V2 0.53 (mm)
ZZZZZ		04/19/2011 13:00	5000		8082/608 0.53 (mm)
ZZZZZ		04/19/2011 13:00	5000		8082/608V2 0.53 (mm)
510-64148-22 DL	2C DL	04/19/2011 13:15	5000	B4665.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 13:15	5000		8082/608V2 0.53 (mm)
CCV1000 510-79155/15		04/19/2011 13:30	1	B4666.D	8082/608 0.53 (mm)
CCV1000 510-79155/15		04/19/2011 13:30	1		8082/608V2 0.53 (mm)
510-64148-23 DL	3C DL	04/19/2011 13:45	500	B4667.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 13:45	500		8082/608V2 0.53 (mm)
ZZZZZ		04/19/2011 14:10	5000		8082/608 0.53 (mm)
ZZZZZ		04/19/2011 14:10	5000		8082/608V2 0.53 (mm)
510-64148-25 DL	5C DL	04/19/2011 14:25	50	B4669.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 14:25	50		8082/608V2 0.53 (mm)
510-64148-26 DL	6C DL	04/19/2011 14:40	50	B4670.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 14:40	50		8082/608V2 0.53 (mm)
ZZZZZ		04/19/2011 14:55	200		8082/608 0.53 (mm)
ZZZZZ		04/19/2011 14:55	200		8082/608V2 0.53 (mm)
ZZZZZ		04/19/2011 15:10	500		8082/608 0.53 (mm)
ZZZZZ		04/19/2011 15:10	500		8082/608V2 0.53 (mm)
510-64148-29 DL	9C DL	04/19/2011 15:25	500	B4673.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 15:25	500		8082/608V2 0.53 (mm)
ZZZZZ		04/19/2011 15:40	500		8082/608 0.53 (mm)
ZZZZZ		04/19/2011 15:40	500		8082/608V2 0.53 (mm)
510-64148-21 DL2	1C DL2	04/19/2011 15:56	25000	B4675.D	8082/608 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Start Date: 04/19/2011 09:50

Analysis Batch Number: 79155 End Date: 04/19/2011 16:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/19/2011 15:56	25000		8082/608V2 0.53 (mm)
510-64148-24 DL2	4C DL2	04/19/2011 16:11	25000	B4676.D	8082/608 0.53 (mm)
ZZZZZ		04/19/2011 16:11	25000		8082/608V2 0.53 (mm)
CCV1500 510-79155/26		04/19/2011 16:26	1	B4677.D	8082/608 0.53 (mm)
CCV1500 510-79155/26		04/19/2011 16:26	1		8082/608V2 0.53 (mm)



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: SGCA Start Date: 04/20/2011 10:09

Analysis Batch Number: 79231 End Date: 04/20/2011 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV1500 510-79231/1		04/20/2011 10:09	1	B4685.D	8082/608 0.53 (mm)
CCV1500 510-79231/1		04/20/2011 10:09	1		8082/608V2 0.53 (mm)
CCV1242 510-79231/2		04/20/2011 10:25	1	B4686.D	8082/608 0.53 (mm)
CCV1242 510-79231/2		04/20/2011 10:25	1		8082/608V2 0.53 (mm)
CCV1248 510-79231/3		04/20/2011 10:40	1	B4687.D	8082/608 0.53 (mm)
CCV1248 510-79231/3		04/20/2011 10:40	1		8082/608V2 0.53 (mm)
510-64148-27 DL2	7C DL2	04/20/2011 11:10	1000	B4689.D	8082/608 0.53 (mm)
ZZZZZ		04/20/2011 11:10	1000		8082/608V2 0.53 (mm)
510-64148-28 DL2	8C DL2	04/20/2011 11:25	1000	B4690.D	8082/608 0.53 (mm)
ZZZZZ		04/20/2011 11:25	1000		8082/608V2 0.53 (mm)
510-64148-30 DL2	10C DL2	04/20/2011 11:40	5000	B4691.D	8082/608 0.53 (mm)
ZZZZZ		04/20/2011 11:40	5000		8082/608V2 0.53 (mm)
ZZZZZ		04/20/2011 11:55	1		8082/608 0.53 (mm)
ZZZZZ		04/20/2011 11:55	1		8082/608V2 0.53 (mm)
ZZZZZ		04/20/2011 12:11	1		8082/608 0.53 (mm)
ZZZZZ		04/20/2011 12:11	1		8082/608V2 0.53 (mm)
ZZZZZ		04/20/2011 12:41	1		8082/608 0.53 (mm)
ZZZZZ		04/20/2011 12:41	1		8082/608V2 0.53 (mm)
ZZZZZ		04/20/2011 12:56	1		8082/608 0.53 (mm)
ZZZZZ		04/20/2011 12:56	1		8082/608V2 0.53 (mm)
CCV1000 510-79231/13		04/20/2011 13:11	1	B4697.D	8082/608 0.53 (mm)
CCV1000 510-79231/13		04/20/2011 13:11	1		8082/608V2 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Batch Number: 78933 Batch Start Date: 04/14/11 07:56 Batch Analyst: Page, Sarah N

Batch Method: 3541 Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SGPCBSKWWS 00024	SGPCBSSWWS 00029		
MB 510-78933/1		3541, 8082		30 g	5 mL		250 uL		
LCS 510-78933/2		3541, 8082		30 g	5 mL	250 uL	250 uL		
510-64148-A-1	1A	3541, 8082	T	15.53 g	5 mL		250 uL		
510-64148-A-2	2A	3541, 8082	T	15.13 g	5 mL		250 uL		
510-64148-A-3	3A	3541, 8082	T	15.58 g	5 mL		250 uL		
510-64148-A-4	1B	3541, 8082	T	15.08 g	5 mL		250 uL		
510-64148-A-5	2B	3541, 8082	T	15.40 g	5 mL		250 uL		
510-64148-A-6	3B	3541, 8082	T	15.34 g	5 mL		250 uL		
510-64148-A-7	4B	3541, 8082	T	15.13 g	5 mL		250 uL		
510-64148-A-8	5B	3541, 8082	T	15.56 g	5 mL		250 uL		
510-64148-A-9	6B	3541, 8082	T	15.25 g	5 mL		250 uL		
510-64148-A-10	7B	3541, 8082	T	15.15 g	5 mL		250 uL		
510-64148-A-11	8B	3541, 8082	T	15.25 g	5 mL		250 uL		
510-64148-A-12	9B	3541, 8082	T	15.15 g	5 mL		250 uL		
510-64148-A-13	10B	3541, 8082	T	15.58 g	5 mL		250 uL		
510-64148-A-14	11B	3541, 8082	T	15.28 g	5 mL		250 uL		
510-64148-A-15	12B	3541, 8082	T	15.24 g	5 mL		250 uL		
510-64148-A-16	13B	3541, 8082	T	15.11 g	5 mL		250 uL		

Batch Notes	
Balance ID	37912
Blank Soil Lot Number	opsand_0004
DCM/CS2 ID	dcm_00054
Vendor lot number	ophexr_00066
Na2SO4 Lot Number	opna2so4_00019
Person's name who did the prep	Sarah Page
Solvent	hexane
First Start time	0755

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Batch Number: 79020 Batch Start Date: 04/15/11 10:52 Batch Analyst: Page, Sarah N

Batch Method: 3541 Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SGPCBSKWWS 00024	SGPCBSSWWS 00029		
MB 510-79020/1		3541, 8082		30 g	5 mL		250 uL		
LCS 510-79020/2		3541, 8082		30 g	5 mL	250 uL	250 uL		
510-64148-A-17	14B	3541, 8082	T	15.42 g	5 mL		250 uL		
510-64148-A-17 MS	14B	3541, 8082	T	15.32 g	5 mL	250 uL	250 uL		
510-64148-A-17 MSD	14B	3541, 8082	T	15.27 g	5 mL	250 uL	250 uL		
510-64148-A-18	15B	3541, 8082	T	15.24 g	5 mL		250 uL		
510-64148-A-19	16B	3541, 8082	T	15.40 g	5 mL		250 uL		
510-64148-A-20	17B	3541, 8082	T	15.13 g	5 mL		250 uL		
510-64148-A-21	1C	3541, 8082	T	15.46 g	5 mL		250 uL		
510-64148-A-22	2C	3541, 8082	T	15.18 g	5 mL		250 uL		
510-64148-A-23	3C	3541, 8082	T	15.73 g	5 mL		250 uL		
510-64148-A-24	4C	3541, 8082	T	15.79 g	5 mL		250 uL		
510-64148-A-25	5C	3541, 8082	T	15.20 g	5 mL		250 uL		
510-64148-A-26	6C	3541, 8082	T	15.51 g	5 mL		250 uL		
510-64148-A-27	7C	3541, 8082	T	15.80 g	5 mL		250 uL		
510-64148-A-28	8C	3541, 8082	T	15.80 g	5 mL		250 uL		
510-64148-A-29	9C	3541, 8082	T	15.50 g	5 mL		250 uL		
510-64148-A-30	10C	3541, 8082	T	15.52 g	5 mL		250 uL		

Batch Notes	
Balance ID	37912
Blank Soil Lot Number	opsand_00004
DCM/CS2 ID	dcm_00054
Vendor lot number	ophexr_00066
Na2SO4 Lot Number	opna2so4_00019
Person's name who did the prep	sarah page
Solvent	hexane
First Start time	1050

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Batch Number: 79020 Batch Start Date: 04/15/11 10:52 Batch Analyst: Page, Sarah N

Batch Method: 3541 Batch End Date: \_\_\_\_\_

Basis	Basis Description
T	Total/NA

# **GENERAL CHEMISTRY**

COVER PAGE  
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso

Job Number: 510-64148-1

SDG No.: \_\_\_\_\_

Project: South Bend Former Studebaker Foundry

Client Sample ID	Lab Sample ID
1A	510-64148-1
2A	510-64148-2
3A	510-64148-3
1B	510-64148-4
2B	510-64148-5
3B	510-64148-6
4B	510-64148-7
5B	510-64148-8
6B	510-64148-9
7B	510-64148-10
8B	510-64148-11
9B	510-64148-12
10B	510-64148-13
11B	510-64148-14
12B	510-64148-15
13B	510-64148-16
14B	510-64148-17
15B	510-64148-18
16B	510-64148-19
17B	510-64148-20
1C	510-64148-21
2C	510-64148-22
3C	510-64148-23
4C	510-64148-24
5C	510-64148-25
6C	510-64148-26
7C	510-64148-27
8C	510-64148-28
9C	510-64148-29
10C	510-64148-30

Comments:

9-IN  
DETECTION LIMITS  
GENERAL CHEMISTRY

Lab Name: TestAmerica Valparaiso Job Number: 510-64148-1  
SDG Number: \_\_\_\_\_  
Matrix: Solid Instrument ID: GBALB  
Analysis Method: Moisture RL Date: 11/15/2005 14:44  
Prep Method: \_\_\_\_\_  
Leach Method: \_\_\_\_\_

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.: 510-64148-1

SDG No.: \_\_\_\_\_

Instrument ID: GBALB Method: Moisture

Start Date: 04/14/2011 16:44 End Date: 04/14/2011 16:44

Lab Sample ID	D / F	Type	Time	Analytes															
				% S o l	M o i s t														
MB 510-78988/1	1	T	16:44	X	X														
ZZZZZZ			16:44																
ZZZZZZ			16:44																
ZZZZZZ			16:44																
ZZZZZZ			16:44																
ZZZZZZ			16:44																
ZZZZZZ			16:44																
ZZZZZZ			16:44																
ZZZZZZ			16:44																
510-64148-30	1	T	16:44	X	X														
510-64148-29	1	T	16:44	X	X														
ZZZZZZ			16:44																
ZZZZZZ			16:44																
510-64148-28	1	T	16:44	X	X														
510-64148-27	1	T	16:44	X	X														
510-64148-26	1	T	16:44	X	X														
510-64148-25	1	T	16:44	X	X														
510-64148-24	1	T	16:44	X	X														
510-64148-23	1	T	16:44	X	X														
510-64148-22	1	T	16:44	X	X														
510-64148-21	1	T	16:44	X	X														
510-64148-20	1	T	16:44	X	X														

Prep Types  
T = Total/NA







GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Batch Number: 78988 Batch Start Date: 04/14/11 16:44 Batch Analyst: Allen, Tiffany L

Batch Method: Moisture Batch End Date: 04/16/11 00:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
MB 510-78988/1		Moisture		1	001.0178 g	011.5601 g	001.0207 g		
510-64148-A-30	10C	Moisture	T	11	001.0019 g	011.1857 g	010.7114 g		
510-64148-A-29	9C	Moisture	T	12	001.0127 g	011.1089 g	010.6729 g		
510-64148-A-28	8C	Moisture	T	15	000.9990 g	011.4049 g	011.0409 g		
510-64148-A-27	7C	Moisture	T	16	000.9937 g	011.0405 g	010.5958 g		
510-64148-A-26	6C	Moisture	T	17	001.0081 g	011.4670 g	011.0962 g		
510-64148-A-25	5C	Moisture	T	18	001.0052 g	011.2820 g	010.7716 g		
510-64148-A-24	4C	Moisture	T	19	000.9968 g	011.2825 g	010.8609 g		
510-64148-A-23	3C	Moisture	T	20	001.0092 g	011.3258 g	010.8519 g		
510-64148-A-22	2C	Moisture	T	21	001.0086 g	011.0264 g	010.5407 g		
510-64148-A-21	1C	Moisture	T	22	000.9904 g	011.3201 g	010.7965 g		
510-64148-A-20	17B	Moisture	T	23	001.0114 g	011.3848 g	010.8954 g		

Batch Notes	
Balance ID	GBALB No Unit
Date samples were place in the oven	04/14/2011
Oven Temp when samples are put in oven	104.7 Degrees C
Date samples were removed from oven	04/16/2011
Oven Temp when samples removed from oven	103.2 Degrees C
Time Samples were removed from oven	10:00
Oven ID	wc-ovn-1
ID number of the thermometer	14-986B-G
Uncorrected In Temperature	104.5 Celsius
Uncorrected Out Temperature	103.0 Celsius

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Batch Number: 79053 Batch Start Date: 04/16/11 10:41 Batch Analyst: Allen, Tiffany L

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
MB 510-79053/1		Moisture		1	001.0049 g	011.3221 g	001.0084 g		
510-64148-A-19	16B	Moisture	T	4	000.9969 g	011.5923 g	011.1168 g		
510-64148-A-18	15B	Moisture	T	5	001.0155 g	011.3662 g	010.7276 g		
510-64148-A-17	14B	Moisture	T	6	001.0103 g	011.1266 g	010.5708 g		
510-64148-A-16	13B	Moisture	T	7	000.9787 g	011.5329 g	011.1533 g		
510-64148-A-15	12B	Moisture	T	10	001.0005 g	011.0888 g	010.4770 g		
510-64148-A-14	11B	Moisture	T	11	001.0106 g	011.6855 g	011.3209 g		
510-64148-A-13	10B	Moisture	T	12	000.9950 g	011.4505 g	010.8499 g		
510-64148-A-12	9B	Moisture	T	13	001.0016 g	011.5360 g	011.1342 g		
510-64148-A-12 DU	9B	Moisture	T	14	001.0218 g	011.7187 g	011.2345 g		
510-64148-A-11	8B	Moisture	T	15	001.0161 g	011.2414 g	010.7896 g		
510-64148-A-10	7B	Moisture	T	16	000.9992 g	011.6258 g	011.0978 g		
510-64148-A-9	6B	Moisture	T	17	001.0112 g	011.5897 g	010.9291 g		
510-64148-A-8	5B	Moisture	T	18	001.0090 g	011.1134 g	010.6978 g		
510-64148-A-7	4B	Moisture	T	19	000.9961 g	011.4201 g	011.0168 g		
510-64148-A-6	3B	Moisture	T	20	001.0121 g	011.2785 g	010.9199 g		
510-64148-A-5	2B	Moisture	T	21	000.9827 g	011.1735 g	010.6349 g		
510-64148-A-4	1B	Moisture	T	22	001.0033 g	011.2929 g	010.7865 g		
510-64148-A-3	3A	Moisture	T	23	001.0055 g	011.6381 g	011.1167 g		

Batch Notes	
Balance ID	GBALB No Unit
Date samples were place in the oven	04/16/2011
Oven Temp when samples are put in oven	103.5 Degrees C
Date samples were removed from oven	04-17-11
Oven Temp when samples removed from oven	103.2 Degrees C
Time Samples were removed from oven	08:40
Oven ID	wc-ovn-1
ID number of the thermometer	14-986B-G
Uncorrected In Temperature	103.0 Celsius
Uncorrected Out Temperature	103.0 Celsius

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Batch Number: 79053 Batch Start Date: 04/16/11 10:41 Batch Analyst: Allen, Tiffany L

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-64148-1

SDG No.: \_\_\_\_\_

Batch Number: 79056 Batch Start Date: 04/16/11 11:51 Batch Analyst: Allen, Tiffany L

Batch Method: Moisture Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
MB 510-79056/1		Moisture		1	001.0043 g	011.5093 g	001.0072 g		
510-64148-A-1	1A	Moisture	T	4	001.0100 g	011.2408 g	010.9281 g		
510-64148-A-2	2A	Moisture	T	5	001.0042 g	011.3906 g	010.9908 g		

Batch Notes	
Balance ID	GBALB No Unit
Date samples were place in the oven	04/16/2011
Oven Temp when samples are put in oven	103.2 Degrees C
Time samples were place in the oven	12:30
Date samples were removed from oven	4-17-11
Oven Temp when samples removed from oven	103.2 Degrees C
Time Samples were removed from oven	0800
Oven ID	wc-ovn-1
ID number of the thermometer	14-986B-G
Uncorrected In Temperature	103.0 Celsius
Uncorrected Out Temperature	103.0 Celsius

Basis	Basis Description
T	Total/NA

# Shipping and Receiving Documents

# Chain of Custody Record

<b>Client Information</b> Client Contact: 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 Camper Tracking No(s): COC No: 510-14134.1 Page: 1 of 3 Job #:	
Due Date Requested: TAT Requested (days): PO #: 0058-373-01 WO #:		<b>Analysis Requested</b> 8270C, 8270C_SIM - BNAs 6020, 7470 - Metals 8082 - PCBs 8260B - VOCs 8015 - TPH GRO 8015 - TPH ERO 8260B - VOCs (Trip Blanks) Total/Free Cyanide	
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=wastewater, BT=BIOSOL, AS=Air)		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: M - Hexane N - None O - AcNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Field Filtered Sample (Yes/No) Matrix Sample Type Sample Date Sample Time Sample Type Matrix		Special Instructions/Note: Total Number of Containers	
1A 2A 3A 1B 2B 3B 4B 5B 6B 7B 8B		4/6/11 10:00 G S 4/6/11 10:15 G S 4/6/11 10:30 G S 4/6/11 10:45 G S 4/6/11 11:00 G S 4/6/11 11:15 G S 4/6/11 11:30 G S 4/6/11 11:45 G S 4/6/11 12:00 G S 4/6/11 12:15 G S 4/6/11 12:30 G S	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			
Deliverable Requested: <input type="checkbox"/> I, II, III, IV, Other (specify)			
Empty Kit Relinquished by:			
Relinquished by: [Signature] Date/Time: 4/12/11 1515 Company: [Signature]		Received by: [Signature] Date/Time: 4/12/11 1515 Company: [Signature]	
Relinquished by: [Signature] Date/Time: 4/12/11 1515 Company: [Signature]		Received by: [Signature] Date/Time: 4/12/11 1515 Company: [Signature]	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: 48814		Cooler Temperature(s) °C and Other Remarks: 2.2°C	



# Chain of Custody Record

<b>Client Information</b>		Sampler: <u>Edward Stepanek</u>		Lab P/N: <u>Kintz, Robin M</u>		Carrier Tracking No(s):		COC No: <u>510-14134-1</u>	
Client Contact: <u>Ed Stefanek/Jodi Slough</u>		Phone: <u>574.302.0614</u>		E-Mail: <u>robinm.kintz@testamericainc.com</u>				Page: <u>2 of 3</u>	
Company: <u>Weaver Boos Consultants LLC</u>		Due Date Requested:		Analysis Requested				Job #:	
Address: <u>4085 Meghan Beeler Court</u>		TAT Requested (days):		8270C, 8270C_SIM - BNAs		Total Number of Containers		Preservation Codes:	
City: <u>South Bend</u>		PO #: <u>0058-373-01</u>		6020, 7470 - Metals		8015 - TPH GRO		A - HCl	
State, Zip: <u>IN, 46628</u>		WO #:		8015 - TPH ERO		8015 - VOCs		M - Hexane	
Phone: <u>574-271-3447</u>		Project #:		8082 - PCBs		8260B - VOCs		N - None	
Email: <u>estefanek@weaverboos.com / jslough@weaverboos.com</u>		SSOW#:		8270C, 8270C_SIM - BNAs		8260B - VOCs		O - AsNaO2	
Project Name: <u>South Bend Former Studebaker Foundry</u>		Sample Date		Field Filtered Sample (Yes/No)		8015 - TPH GRO		P - Na2O4S	
Site: <u>South Bend Former Studebaker Foundry</u>		Sample Time		Permits/MSD (Yes/No)		8015 - VOCs		Q - NaHSO4	
		Sample Type (C=Comp, G=grab)		Matrix (Water, Solid, On-site, Off-site, Tissue, Air)		8082 - PCBs		R - Na2S2O3	
		Sample Date		Preservation Code		6020, 7470 - Metals		S - H2SO4	
		Sample Time		N N N N N N N N N N		8260B - VOCs		T - TSP Dodecahydrate	
		Sample Date		N N N N N N N N N N		8015 - TPH ERO		U - Acetone	
		Sample Time		N N N N N N N N N N		8015 - VOCs		V - MCAA	
		Sample Date		N N N N N N N N N N		8082 - PCBs		W - ph 4-5	
		Sample Time		N N N N N N N N N N		8260B - VOCs		X - EDTA	
		Sample Date		N N N N N N N N N N		8015 - TPH GRO		Y - EDA	
		Sample Time		N N N N N N N N N N		8015 - VOCs		Z - other (specify)	
		Sample Date		N N N N N N N N N N		8082 - PCBs		Other:	
		Sample Time		N N N N N N N N N N		6020, 7470 - Metals		Special Instructions/Note:	
		Sample Date		N N N N N N N N N N		8015 - TPH ERO			
		Sample Time		N N N N N N N N N N		8015 - VOCs			
		Sample Date		N N N N N N N N N N		8260B - VOCs			
		Sample Time		N N N N N N N N N N		8015 - TPH GRO			
		Sample Date		N N N N N N N N N N		8082 - PCBs			
		Sample Time		N N N N N N N N N N		8260B - VOCs			
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		Sample Time		N N N N N N N N N N		6020, 7470 - Metals			
		Sample Date		N N N N N N N N N N		8270C, 8270C_SIM - BNAs			
		Sample Time		N N N N N N N N N N		Field Filtered Sample (Yes/No)			
		Sample Date		N N N N N N N N N N		Permits/MSD (Yes/No)			
		Sample Time		N N N N N N N N N N		Matrix (Water, Solid, On-site, Off-site, Tissue, Air)			
		Sample Date		N N N N N N N N N N		Sample Type (C=Comp, G=grab)			
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**Chain of Custody Record**

<b>Client Information</b> Client Contact: 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 PO #: 0558-373-01 WO #: Project #: 51001592 SSOW#: Due Date Requested: TAT Requested (days): Matrix (W=Water, S=solid, O=soil, BT=Tissue, A=Air)		Sampler: Edward Stefanek Phone: 574.302.0614 Carrier Tracking No(s): Job #: 3 of 3 COC No: 510-14134.1 Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify) Other:	
<b>Analysis Requested</b>		<b>Special Instructions/Note:</b>			
8270C, 8270C, SIM - ENAs	Field Filtered Sample (Yes/No)	8270C, 8270C, SIM - ENAs	Field Filtered Sample (Yes/No)		
6020, 7470 - Metals	8082 - PCBs	6020, 7470 - Metals	8082 - PCBs		
8260B - VOCs	8016 - TPH GRO	8260B - VOCs	8016 - TPH GRO		
8016 - TPH ERO	8260B - VOCs (Trip Blanks)	8016 - TPH ERO	8260B - VOCs (Trip Blanks)		
8260B - VOCs	Total/Free Cyanide	8260B - VOCs	Total/Free Cyanide		
8016 - TPH ERO		8016 - TPH ERO			
8260B - VOCs		8260B - VOCs			
8082 - PCBs		8082 - PCBs			
6020, 7470 - Metals		6020, 7470 - Metals			
8082 - PCBs		8082 - PCBs			
8016 - TPH GRO		8016 - TPH GRO			
8016 - TPH ERO		8016 - TPH ERO			
8260B - VOCs (Trip Blanks)		8260B - VOCs (Trip Blanks)			
Total/Free Cyanide		Total/Free Cyanide			

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=solid, O=soil, BT=Tissue, A=Air)	Preservation Code
30	4/6/11	1520	G	S	
40	4/6/11	1530	G	S	
50	4/6/11	1540	G	S	
60	4/6/11	1550	G	S	
70	4/6/11	1600	G	S	
80	4/6/11	1610	G	S	
90	4/6/11	1620	G	S	
100	4/6/11	1630	G	S	

**Possible Hazard Identification**  
 Non-Hazard  Flammable  Skin Irritant  Polson B  Unknown  Radiological

**Deliverable Requested:** I, II, III, IV, Other (specify)

**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**  
 Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

**Special Instructions/QC Requirements:**

# Login Sample Receipt Checklist

Client: Weaver Boos Consultants LLC

Job Number: 510-64148-1

**Login Number: 64148**

**List Source: TestAmerica Valparaiso**

**List Number: 1**

**Creator: Looney, Christina M**

<b>Question</b>	<b>Answer</b>	<b>Comment</b>
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.