284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2010 **Order ID:** Q2010

Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-10								
Q2010-01	TP-10	SOIL	alpha-Chlordane	0.52	JP	0.13	1.80	ug/kg
Q2010-01	TP-10	SOIL	gamma-Chlordane	0.26	J	0.16	1.80	ug/kg
			Total Concentration:	**0.780**				

SAMPLE DATA

Raw Data: **PD088528.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-10	SDG No.:	Q2010
Lab Sample ID:	Q2010-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	93.3 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088528.D	1	05/13/25 08:30	05/13/25 17:43	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.80	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.80	ug/kg
319-86-8	delta-BHC	0.42	U	0.42	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.80	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.80	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	1.80	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.80	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.52	JP	0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.26	J	0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.80	U	5.80	35.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.7		20 - 144	58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.8		19 - 148	64%	SPK: 20

Raw Data: **PD088528.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-10	SDG No.:	Q2010
Lab Sample ID:	Q2010-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	93.3 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088528.D	1	05/13/25 08:30	05/13/25 17:43	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD088529.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-13	SDG No.:	Q2010
Lab Sample ID:	Q2010-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.4 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088529.D	1	05/13/25 08:30	05/13/25 17:56	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	2.00	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	39.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.2		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		19 - 148	88%	SPK: 20

Raw Data: **PD088529.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-13	SDG No.:	Q2010
Lab Sample ID:	Q2010-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.4 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088529.D	1	05/13/25 08:30	05/13/25 17:56	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD088530.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-14	SDG No.:	Q2010
Lab Sample ID:	Q2010-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088530.D	1	05/13/25 08:30	05/13/25 18:10	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.16	U	0.16	2.10	ug/kg
319-85-7	beta-BHC	0.22	U	0.22	2.10	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.10	ug/kg
76-44-8	Heptachlor	0.15	U	0.15	2.10	ug/kg
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	2.10	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.10	ug/kg
33213-65-9	Endosulfan II	0.36	U	0.36	2.10	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
72-43-5	Methoxychlor	0.46	U	0.46	2.10	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	2.10	ug/kg
7421-93-4	Endrin aldehyde	0.46	U	0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	40.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.5		20 - 144	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.3		19 - 148	91%	SPK: 20

Raw Data: **PD088530.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-14	SDG No.:	Q2010
Lab Sample ID:	Q2010-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088530.D	1	05/13/25 08:30	05/13/25 18:10	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD088531.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-17	SDG No.:	Q2010
Lab Sample ID:	Q2010-04	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	77.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088531.D	1	05/13/25 08:30	05/13/25 18:24	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.17	U	0.17	2.20	ug/kg
319-85-7	beta-BHC	0.23	U	0.23	2.20	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	2.20	ug/kg
58-89-9	gamma-BHC (Lindane)	0.18	U	0.18	2.20	ug/kg
76-44-8	Heptachlor	0.15	U	0.15	2.20	ug/kg
309-00-2	Aldrin	0.15	U	0.15	2.20	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	2.20	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	2.20	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.20	ug/kg
72-55-9	4,4-DDE	0.18	U	0.18	2.20	ug/kg
72-20-8	Endrin	0.18	U	0.18	2.20	ug/kg
33213-65-9	Endosulfan II	0.37	U	0.37	2.20	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.20	ug/kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	2.20	ug/kg
50-29-3	4,4-DDT	0.18	U	0.18	2.20	ug/kg
72-43-5	Methoxychlor	0.48	U	0.48	2.20	ug/kg
53494-70-5	Endrin ketone	0.25	U	0.25	2.20	ug/kg
7421-93-4	Endrin aldehyde	0.48	U	0.48	2.20	ug/kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	2.20	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	2.20	ug/kg
8001-35-2	Toxaphene	7.00	U	7.00	42.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.8		20 - 144	74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		19 - 148	92%	SPK: 20

Raw Data: **PD088531.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-17	SDG No.:	Q2010
Lab Sample ID:	Q2010-04	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	77.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088531.D	1	05/13/25 08:30	05/13/25 18:24	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
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() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2010

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PD088121.D	PIBLK-PD088121.D	Decachlorobiphenyl	1	20	22.9	115		43	140
		Tetrachloro-m-xylene	1	20	20.1	101		77	126
		Decachlorobiphenyl	2	20	22.7	113		43	140
		Tetrachloro-m-xylene	2	20	20.9	104		77	126
I.BLK-PD088523.D	PIBLK-PD088523.D	Decachlorobiphenyl	1	20	19.3	97		43	140
		Tetrachloro-m-xylene	1	20	18.3	92		77	126
		Decachlorobiphenyl	2	20	17.4	87		43	140
		Tetrachloro-m-xylene	2	20	17.5	87		77	126
PB167959BL	PB167959BL	Decachlorobiphenyl	1	20	20.1	100		20	144
		Tetrachloro-m-xylene	1	20	19.3	97		19	148
		Decachlorobiphenyl	2	20	18.1	90		20	144
		Tetrachloro-m-xylene	2	20	19.1	96		19	148
PB167959BS	PB167959BS	Decachlorobiphenyl	1	20	22.7	114		20	144
		Tetrachloro-m-xylene	1	20	21.6	108		19	148
		Decachlorobiphenyl	2	20	20.6	103		20	144
		Tetrachloro-m-xylene	2	20	21.3	106		19	148
Q2010-01	TP-10	Decachlorobiphenyl	1	20	11.7	58		20	144
		Tetrachloro-m-xylene	1	20	12.8	64		19	148
		Decachlorobiphenyl	2	20	9.76	49		20	144
		Tetrachloro-m-xylene	2	20	12.1	61		19	148
Q2010-02	TP-13	Decachlorobiphenyl	1	20	15.2	76		20	144
		Tetrachloro-m-xylene	1	20	17.6	88		19	148
		Decachlorobiphenyl	2	20	13.7	68		20	144
		Tetrachloro-m-xylene	2	20	16.9	85		19	148
Q2010-03	TP-14	Decachlorobiphenyl	1	20	16.5	83		20	144
		Tetrachloro-m-xylene	1	20	18.3	91		19	148
		Decachlorobiphenyl	2	20	13.5	68		20	144
		Tetrachloro-m-xylene	2	20	17.5	88		19	148
Q2010-04	TP-17	Decachlorobiphenyl	1	20	14.8	74		20	144
		Tetrachloro-m-xylene	1	20	18.4	92		19	148
		Decachlorobiphenyl	2	20	13.1	65		20	144
		Tetrachloro-m-xylene	2	20	17.7	88		19	148
I.BLK-PD088535.D	PIBLK-PD088535.D	Decachlorobiphenyl	1	20	18.0	90		43	140
		Tetrachloro-m-xylene	1	20	17.4	87		77	126
		Decachlorobiphenyl	2	20	14.8	74		43	140
		Tetrachloro-m-xylene	2	20	16.4	82		77	126
I.BLK-PD088551.D	PIBLK-PD088551.D	Decachlorobiphenyl	1	20	20.9	104		43	140
		Tetrachloro-m-xylene	1	20	20.3	101		77	126
		Decachlorobiphenyl	2	20	18.6	93		43	140
		Tetrachloro-m-xylene	2	20	19.1	95		77	126
Q1984-01MS	OU4-PCS-TC-33-050725MS	Decachlorobiphenyl	1	20	21.1	106		20	144

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Surrogate Summary

SDG No.: Q2010

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1984-01MS	OU4-PCS-TC-33-050725MS	Tetrachloro-m-xylene	1	20	21.0	105		19	148
		Decachlorobiphenyl	2	20	18.4	92		20	144
		Tetrachloro-m-xylene	2	20	20.5	103		19	148
Q1984-01MSD	OU4-PCS-TC-33-050725MSD	Decachlorobiphenyl	1	20	21.2	106		20	144
		Tetrachloro-m-xylene	1	20	21.4	107		19	148
		Decachlorobiphenyl	2	20	18.9	94		20	144
		Tetrachloro-m-xylene	2	20	20.9	105		19	148
I.BLK-PD088565.D	PIBLK-PD088565.D	Decachlorobiphenyl	1	20	15.2	76		43	140
		Tetrachloro-m-xylene	1	20	19.6	98		77	126
		Decachlorobiphenyl	2	20	15.5	77		43	140
		Tetrachloro-m-xylene	2	20	18.4	92		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2010 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PD088559.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Q1984-01MS	alpha-BHC	17.51	0	19.7	ug/kg	113				60	144	
	beta-BHC	17.51	0	19.4	ug/kg	111				54	143	
	delta-BHC	17.51	0	19.9	ug/kg	114				29	151	
	gamma-BHC (Lindane)	17.51	0	20.1	ug/kg	115				61	140	
	Heptachlor	17.51	0	20.4	ug/kg	117				63	135	
	Aldrin	17.51	0	20.0	ug/kg	114				49	139	
	Heptachlor epoxide	17.51	0	19.8	ug/kg	113				41	156	
	Endosulfan I	17.51	0	19.8	ug/kg	113				56	142	
	Dieldrin	17.51	0	20.0	ug/kg	114				47	161	
	4,4'-DDE	17.51	0	19.2	ug/kg	110				55	136	
	Endrin	17.51	0	19.6	ug/kg	112				57	139	
	Endosulfan II	17.51	0	19.0	ug/kg	109				40	163	
	4,4'-DDD	17.51	0	20.1	ug/kg	115				47	163	
	Endosulfan sulfate	17.51	0	19.2	ug/kg	110				62	139	
	4,4'-DDT	17.51	0	19.3	ug/kg	110				51	146	
	Methoxychlor	17.51	0	18.6	ug/kg	106				54	136	
	Endrin ketone	17.51	0	19.6	ug/kg	112				60	129	
	Endrin aldehyde	17.51	0	19.5	ug/kg	111				59	132	
	alpha-Chlordane	17.51	0	19.8	ug/kg	113				39	166	
	gamma-Chlordane	17.51	0	19.7	ug/kg	113				44	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2010 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PD088560.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Q1984-01MSD	alpha-BHC	17.5	0	19.9	ug/kg	114		1		60	144	20
	beta-BHC	17.5	0	19.5	ug/kg	111		0		54	143	20
	delta-BHC	17.5	0	20.0	ug/kg	114		0		29	151	20
	gamma-BHC (Lindane)	17.5	0	20.3	ug/kg	116		1		61	140	20
	Heptachlor	17.5	0	20.7	ug/kg	118		1		63	135	20
	Aldrin	17.5	0	20.4	ug/kg	117		3		49	139	20
	Heptachlor epoxide	17.5	0	19.8	ug/kg	113		0		41	156	20
	Endosulfan I	17.5	0	20.0	ug/kg	114		1		56	142	20
	Dieldrin	17.5	0	20.2	ug/kg	115		1		47	161	20
	4,4'-DDE	17.5	0	19.4	ug/kg	111		1		55	136	20
	Endrin	17.5	0	19.8	ug/kg	113		1		57	139	20
	Endosulfan II	17.5	0	19.2	ug/kg	110		1		40	163	20
	4,4'-DDD	17.5	0	20.3	ug/kg	116		1		47	163	20
	Endosulfan sulfate	17.5	0	19.4	ug/kg	111		1		62	139	20
	4,4'-DDT	17.5	0	19.4	ug/kg	111		1		51	146	20
	Methoxychlor	17.5	0	18.8	ug/kg	107		1		54	136	20
	Endrin ketone	17.5	0	19.7	ug/kg	113		1		60	129	20
	Endrin aldehyde	17.5	0	19.6	ug/kg	112		1		59	132	20
	alpha-Chlordane	17.5	0	19.9	ug/kg	114		1		39	166	20
	gamma-Chlordane	17.5	0	19.8	ug/kg	113		0		44	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2010

Client: CDM Smith

Analytical Method: 8081B **Datafile :** PD088526.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167959BS	alpha-BHC	16.65	17.7	ug/kg	106				84	123	
	beta-BHC	16.65	17.3	ug/kg	104				82	123	
	delta-BHC	16.65	18.0	ug/kg	108				83	126	
	gamma-BHC (Lindane)	16.65	17.5	ug/kg	105				83	125	
	Heptachlor	16.65	18.0	ug/kg	108				83	122	
	Aldrin	16.65	18.1	ug/kg	109				82	124	
	Heptachlor epoxide	16.65	18.1	ug/kg	109				83	120	
	Endosulfan I	16.65	18.2	ug/kg	109				81	124	
	Dieldrin	16.65	18.3	ug/kg	110				85	121	
	4,4'-DDE	16.65	17.7	ug/kg	106				81	123	
	Endrin	16.65	17.4	ug/kg	105				76	130	
	Endosulfan II	16.65	17.6	ug/kg	106				80	125	
	4,4'-DDD	16.65	18.5	ug/kg	111				80	131	
	Endosulfan sulfate	16.65	17.9	ug/kg	108				81	122	
	4,4'-DDT	16.65	17.3	ug/kg	104				70	129	
	Methoxychlor	16.65	16.6	ug/kg	100				60	119	
	Endrin ketone	16.65	18.0	ug/kg	108				77	132	
	Endrin aldehyde	16.65	17.8	ug/kg	107				79	124	
	alpha-Chlordane	16.65	18.1	ug/kg	109				84	120	
	gamma-Chlordane	16.65	18.1	ug/kg	109				83	122	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167959BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Lab Sample ID: PB167959BL Lab File ID: PD088525.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 05/13/2025

Date Analyzed (1): 05/13/2025 Date Analyzed (2): 05/13/2025

Time Analyzed (1): 17:02 Time Analyzed (2): 17:02

Instrument ID (1): ECD_D Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167959BS	PB167959BS	PD088526.D	05/13/2025	05/13/2025
TP-10	Q2010-01	PD088528.D	05/13/2025	05/13/2025
TP-13	Q2010-02	PD088529.D	05/13/2025	05/13/2025
TP-14	Q2010-03	PD088530.D	05/13/2025	05/13/2025
TP-17	Q2010-04	PD088531.D	05/13/2025	05/13/2025
OU4-PCS-TC-33-050725MS	Q1984-01MS	PD088559.D	05/15/2025	05/15/2025
OU4-PCS-TC-33-050725MSD	Q1984-01MSD	PD088560.D	05/15/2025	05/15/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PD088525.D**

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167959BL	SDG No.:	Q2010
Lab Sample ID:	PB167959BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088525.D	1	05/13/25 08:30	05/13/25 17:02	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.18	U	0.18	1.70	ug/kg
319-86-8	delta-BHC	0.39	U	0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.29	U	0.29	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.37	U	0.37	1.70	ug/kg
53494-70-5	Endrin ketone	0.19	U	0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.37	U	0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		20 - 144	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		19 - 148	97%	SPK: 20

Raw Data: **PD088525.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167959BL	SDG No.:	Q2010
Lab Sample ID:	PB167959BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088525.D	1	05/13/25 08:30	05/13/25 17:02	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/18/25
Project:	South River WM Replacement	Date Received:	04/18/25
Client Sample ID:	PIBLK-PD088121.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088121.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088121.D	1		04/18/25	PD041825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		43 - 140	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		77 - 126	104%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/18/25
Project:	South River WM Replacement	Date Received:	04/18/25
Client Sample ID:	PIBLK-PD088121.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088121.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088121.D	1		04/18/25	PD041825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	PIBLK-PD088523.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088523.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088523.D	1		05/13/25	pd051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.3		43 - 140	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.3		77 - 126	92%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	PIBLK-PD088523.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088523.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088523.D	1		05/13/25	pd051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	PIBLK-PD088535.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088535.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088535.D	1		05/13/25	pd051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.0		43 - 140	90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		77 - 126	87%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	PIBLK-PD088535.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088535.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088535.D	1		05/13/25	pd051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PD088551.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088551.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088551.D	1		05/15/25	pd051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		43 - 140	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		77 - 126	101%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PD088551.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088551.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088551.D	1		05/15/25	pd051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PD088565.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088565.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088565.D	1		05/15/25	pd051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.5		43 - 140	77%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		77 - 126	98%	SPK: 20

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PD088565.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PD088565.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088565.D	1		05/15/25	pd051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD088526.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167959BS	SDG No.:	Q2010
Lab Sample ID:	PB167959BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088526.D	1	05/13/25 08:30	05/13/25 17:15	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	17.7		0.13	1.70	ug/kg
319-85-7	beta-BHC	17.3		0.18	1.70	ug/kg
319-86-8	delta-BHC	18.0		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	17.5		0.14	1.70	ug/kg
76-44-8	Heptachlor	18.0		0.12	1.70	ug/kg
309-00-2	Aldrin	18.1		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	18.1		0.19	1.70	ug/kg
959-98-8	Endosulfan I	18.2		0.14	1.70	ug/kg
60-57-1	Dieldrin	18.3		0.14	1.70	ug/kg
72-55-9	4,4-DDE	17.7		0.14	1.70	ug/kg
72-20-8	Endrin	17.4		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	17.6		0.29	1.70	ug/kg
72-54-8	4,4-DDD	18.5		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	17.9		0.13	1.70	ug/kg
50-29-3	4,4-DDT	17.3		0.14	1.70	ug/kg
72-43-5	Methoxychlor	16.6		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	18.0		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.8		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	18.1		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	18.1		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		20 - 144	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		19 - 148	108%	SPK: 20

Raw Data: **PD088526.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167959BS	SDG No.:	Q2010
Lab Sample ID:	PB167959BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088526.D	1	05/13/25 08:30	05/13/25 17:15	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725MS	SDG No.:	Q2010
Lab Sample ID:	Q1984-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	95.1 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088559.D	1	05/13/25 08:30	05/15/25 12:52	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	19.7		0.14	1.80	ug/kg
319-85-7	beta-BHC	19.4		0.19	1.80	ug/kg
319-86-8	delta-BHC	19.9		0.41	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	20.1		0.15	1.80	ug/kg
76-44-8	Heptachlor	20.4		0.13	1.80	ug/kg
309-00-2	Aldrin	20.0		0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	19.8		0.20	1.80	ug/kg
959-98-8	Endosulfan I	19.8		0.15	1.80	ug/kg
60-57-1	Dieldrin	20.0		0.15	1.80	ug/kg
72-55-9	4,4-DDE	19.2		0.15	1.80	ug/kg
72-20-8	Endrin	19.6		0.15	1.80	ug/kg
33213-65-9	Endosulfan II	19.0		0.30	1.80	ug/kg
72-54-8	4,4-DDD	20.1		0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	19.2		0.14	1.80	ug/kg
50-29-3	4,4-DDT	19.3		0.15	1.80	ug/kg
72-43-5	Methoxychlor	18.6		0.39	1.80	ug/kg
53494-70-5	Endrin ketone	19.6		0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	19.5		0.39	1.80	ug/kg
5103-71-9	alpha-Chlordane	19.8		0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	19.7		0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	34.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.1		20 - 144	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		19 - 148	105%	SPK: 20

Raw Data: **PD088559.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725MS	SDG No.:	Q2010
Lab Sample ID:	Q1984-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	95.1 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088559.D	1	05/13/25 08:30	05/15/25 12:52	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD088560.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725MSD	SDG No.:	Q2010
Lab Sample ID:	Q1984-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	95.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088560.D	1	05/13/25 08:30	05/15/25 13:05	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	19.9		0.14	1.80	ug/kg
319-85-7	beta-BHC	19.5		0.19	1.80	ug/kg
319-86-8	delta-BHC	20.0		0.41	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	20.3		0.15	1.80	ug/kg
76-44-8	Heptachlor	20.7		0.13	1.80	ug/kg
309-00-2	Aldrin	20.4		0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	19.8		0.20	1.80	ug/kg
959-98-8	Endosulfan I	20.0		0.15	1.80	ug/kg
60-57-1	Dieldrin	20.2		0.15	1.80	ug/kg
72-55-9	4,4-DDE	19.4		0.15	1.80	ug/kg
72-20-8	Endrin	19.8		0.15	1.80	ug/kg
33213-65-9	Endosulfan II	19.2		0.30	1.80	ug/kg
72-54-8	4,4-DDD	20.3		0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	19.4		0.14	1.80	ug/kg
50-29-3	4,4-DDT	19.4		0.15	1.80	ug/kg
72-43-5	Methoxychlor	18.8		0.39	1.80	ug/kg
53494-70-5	Endrin ketone	19.7		0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	19.6		0.39	1.80	ug/kg
5103-71-9	alpha-Chlordane	19.9		0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	19.8		0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	34.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		20 - 144	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		19 - 148	107%	SPK: 20

Raw Data: **PD088560.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/08/25
Client Sample ID:	OU4-PCS-TC-33-050725MSD	SDG No.:	Q2010
Lab Sample ID:	Q1984-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	95.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088560.D	1	05/13/25 08:30	05/15/25 13:05	PB167959

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD088124.D RT 075 = PD088125.D

RT 050 = PD088126.D RT 025 = PD088127.D RT 005 = PD088128.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
4,4'-DDE	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
alpha-BHC	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
alpha-Chlordane	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
beta-BHC	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Decachlorobiphenyl	9.08	9.07	9.08	9.08	9.08	9.07	8.97	9.17
delta-BHC	4.77	4.77	4.77	4.77	4.76	4.76	4.66	4.86
Dieldrin	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Endosulfan I	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Endosulfan II	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Endosulfan sulfate	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Endrin	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Endrin aldehyde	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02
Endrin ketone	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
gamma-Chlordane	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Heptachlor	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.49	7.49	7.50	7.50	7.50	7.49	7.39	7.59
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD088124.D RT 075 = PD088125.D

RT 050 = PD088126.D RT 025 = PD088127.D RT 005 = PD088128.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.95	5.93	5.93	5.93	5.93	5.94	5.84	6.04
4,4'-DDE	5.40	5.38	5.38	5.38	5.38	5.38	5.28	5.48
4,4'-DDT	6.20	6.19	6.19	6.19	6.19	6.19	6.09	6.29
Aldrin	4.39	4.37	4.37	4.37	4.37	4.38	4.28	4.48
alpha-BHC	3.41	3.40	3.40	3.40	3.40	3.40	3.30	3.50
alpha-Chlordane	5.21	5.20	5.19	5.19	5.19	5.20	5.10	5.30
beta-BHC	4.05	4.03	4.03	4.03	4.03	4.03	3.93	4.13
Decachlorobiphenyl	8.09	8.08	8.08	8.08	8.08	8.08	7.98	8.18
delta-BHC	4.28	4.27	4.27	4.27	4.27	4.27	4.17	4.37
Dieldrin	5.53	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Endosulfan I	5.27	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Endosulfan II	6.10	6.08	6.08	6.09	6.08	6.09	5.99	6.19
Endosulfan sulfate	6.50	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Endrin	5.81	5.79	5.79	5.79	5.79	5.80	5.70	5.90
Endrin aldehyde	6.28	6.26	6.26	6.26	6.26	6.27	6.17	6.37
Endrin ketone	7.01	7.00	7.00	7.00	7.00	7.00	6.90	7.10
gamma-BHC (Lindane)	3.75	3.73	3.73	3.73	3.73	3.74	3.64	3.84
gamma-Chlordane	5.15	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Heptachlor	4.10	4.09	4.09	4.09	4.09	4.09	3.99	4.19
Heptachlor epoxide	4.89	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Methoxychlor	6.77	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Tetrachloro-m-xylene	2.90	2.88	2.88	2.88	2.88	2.89	2.79	2.99

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Instrument ID: ECD_D

Calibration Date(s): 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD088124.D **CF 075 =** PD088125.D

CF 050 = PD088126.D **CF 025 =** PD088127.D **CF 005 =** PD088128.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2657600000	2587000000	2495010000	2376000000	2459180000	2514960000	4
4,4'-DDE	3466910000	3527170000	3240150000	3071100000	3185920000	3298250000	6
4,4'-DDT	2923480000	2868140000	2755010000	2629860000	2711210000	2777540000	4
Aldrin	4191470000	4069870000	3911790000	3719150000	3855640000	3949580000	5
alpha-BHC	4782950000	4593760000	4340800000	3973660000	3868810000	4312000000	9
alpha-Chlordane	3710340000	3625070000	3529520000	3426410000	3756540000	3609580000	4
beta-BHC	1604490000	1589200000	1578990000	1584140000	1760080000	1623380000	5
Decachlorobiphenyl	3080820000	3141130000	3178140000	3290360000	3850090000	3308110000	9
delta-BHC	4445160000	4282700000	4075760000	3850890000	3970360000	4124970000	6
Dieldrin	3750160000	3656120000	3530390000	3371440000	3534380000	3568500000	4
Endosulfan I	3450340000	3397670000	3304040000	3218140000	3515550000	3377150000	3
Endosulfan II	3104130000	3060790000	3007520000	2974690000	3483940000	3126210000	7
Endosulfan sulfate	2896970000	2846150000	2807570000	2774020000	3054470000	2875840000	4
Endrin	3128180000	3077300000	2935450000	2806460000	2965440000	2982570000	4
Endrin aldehyde	2295010000	2267800000	2246870000	2234480000	2495770000	2307990000	5
Endrin ketone	3128590000	3073520000	3037500000	2978380000	3214900000	3086580000	3
gamma-BHC (Lindane)	4507210000	4365130000	4155030000	3887470000	4022700000	4187510000	6
gamma-Chlordane	3757550000	3698080000	3536270000	3403020000	3715340000	3622050000	4
Heptachlor	4264490000	4159110000	3978190000	3781390000	4011590000	4038950000	5
Heptachlor epoxide	3670910000	3598060000	3486330000	3389810000	3724620000	3573950000	4
Methoxychlor	1461300000	1466360000	1467850000	1483290000	1618930000	1499540000	4
Tetrachloro-m-xylene	1982340000	2006790000	1938680000	1923660000	2135510000	1997400000	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Instrument ID: ECD_D

Calibration Date(s): 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD088124.D **CF 075 =** PD088125.D

CF 050 = PD088126.D **CF 025 =** PD088127.D **CF 005 =** PD088128.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	15154700000	15403900000	15792200000	16361000000	19219200000	16386200000	10
4,4'-DDE	18345500000	18580000000	18872600000	19581800000	23090100000	19694000000	10
4,4'-DDT	16431600000	16496500000	16745700000	17063800000	18344900000	17016500000	5
Aldrin	19439700000	19604700000	20000000000	20715500000	24254000000	20802800000	10
alpha-BHC	21913500000	21830800000	22090400000	22519000000	25954000000	22861500000	8
alpha-Chlordane	18192600000	18348900000	18755200000	19456000000	23261200000	19602800000	11
beta-BHC	8473900000	8575290000	8847480000	9292470000	11081500000	9254120000	12
Decachlorobiphenyl	16767000000	17098200000	17470300000	18387600000	22674800000	18479600000	13
delta-BHC	20178700000	20191000000	20473400000	21031900000	24432800000	21261600000	9
Dieldrin	18536800000	18713100000	19146400000	19886400000	23381600000	19932900000	10
Endosulfan I	16448300000	16734000000	17246700000	18063400000	21569900000	18012500000	12
Endosulfan II	16009800000	16237000000	16737800000	17531800000	21092000000	17521700000	12
Endosulfan sulfate	15629000000	15901000000	16419300000	17200300000	20516600000	17133200000	12
Endrin	16756200000	17001500000	17464500000	18215500000	21574100000	18202300000	11
Endrin aldehyde	12064300000	12278200000	12707200000	13348200000	16106900000	13301000000	12
Endrin ketone	16996600000	17264900000	17905300000	18780200000	22573200000	18704000000	12
gamma-BHC (Lindane)	20140800000	20226900000	20558100000	21137200000	25630400000	21538700000	11
gamma-Chlordane	18960000000	19062800000	19437200000	20086800000	23933100000	20296000000	10
Heptachlor	19826900000	20021500000	20522700000	21298800000	25320700000	21398100000	11
Heptachlor epoxide	17359900000	17576100000	18079700000	18879200000	22576700000	18894300000	11
Methoxychlor	8272330000	8467510000	8839240000	9290490000	10735700000	9121060000	11
Tetrachloro-m-xylene	13615300000	13685800000	14010800000	14551200000	17245000000	14621600000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Instrument ID: ECD_D **Date(s) Analyzed:** 04/18/2025 04/18/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	23597900
		2	6.44	6.34	6.54	34064600
		3	7.15	7.05	7.25	65326300
		4	7.57	7.47	7.67	82045400
		5	7.93	7.83	8.03	47715200

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Instrument ID: ECD_D **Date(s) Analyzed:** 04/18/2025 04/18/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.48	5.38	5.58	130682000
		2	5.65	5.55	5.75	89513500
		3	6.76	6.66	6.86	417352000
		4	7.20	7.10	7.30	302911000
		5	7.33	7.23	7.43	207761000

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Continuing Calib Date: 05/13/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 16:48 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.52	4.52	4.42	4.62	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endosulfan I	6.08	6.08	5.98	6.18	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.50	7.40	7.60	0.01
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.03	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Continuing Calib Date: 05/13/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 16:48 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
alpha-BHC	3.40	3.40	3.30	3.50	0.01
beta-BHC	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.27	4.17	4.37	0.01
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.09	4.09	3.99	4.19	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.87	4.88	4.78	4.98	0.01
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.01
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.48	6.49	6.39	6.59	0.01
4,4'-DDT	6.19	6.19	6.09	6.29	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00
Endrin ketone	6.99	7.00	6.90	7.10	0.01
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.13	5.13	5.03	5.23	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 05/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088524.D **Time Analyzed:** 16:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.706	6.606	6.806	56.820	50.000	13.6
4,4'-DDE	6.197	6.097	6.297	53.840	50.000	7.7
4,4'-DDT	7.022	6.922	7.122	53.660	50.000	7.3
Aldrin	5.273	5.173	5.373	56.720	50.000	13.4
alpha-BHC	4.001	3.901	4.101	56.520	50.000	13.0
alpha-Chlordane	6.028	5.929	6.129	57.810	50.000	15.6
beta-BHC	4.517	4.416	4.616	55.090	50.000	10.2
Decachlorobiphenyl	9.074	8.975	9.175	49.430	50.000	-1.1
delta-BHC	4.765	4.665	4.865	55.970	50.000	11.9
Dieldrin	6.348	6.249	6.449	56.300	50.000	12.6
Endosulfan I	6.076	5.976	6.176	56.860	50.000	13.7
Endosulfan II	6.787	6.687	6.887	54.150	50.000	8.3
Endosulfan sulfate	7.150	7.050	7.250	54.210	50.000	8.4
Endrin	6.576	6.476	6.676	54.730	50.000	9.5
Endrin aldehyde	6.916	6.816	7.016	52.890	50.000	5.8
Endrin ketone	7.631	7.531	7.731	54.050	50.000	8.1
gamma-BHC (Lindane)	4.332	4.232	4.432	55.700	50.000	11.4
gamma-Chlordane	5.946	5.847	6.047	55.640	50.000	11.3
Heptachlor	4.931	4.831	5.031	56.770	50.000	13.5
Heptachlor epoxide	5.692	5.592	5.792	56.460	50.000	12.9
Methoxychlor	7.494	7.395	7.595	52.400	50.000	4.8
Tetrachloro-m-xylene	3.552	3.452	3.652	53.640	50.000	7.3

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 05/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088524.D **Time Analyzed:** 16:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.932	5.834	6.034	49.430	50.000	-1.1
4,4'-DDE	5.376	5.280	5.480	48.950	50.000	-2.1
4,4'-DDT	6.186	6.088	6.288	48.560	50.000	-2.9
Aldrin	4.369	4.273	4.473	49.770	50.000	-0.5
alpha-BHC	3.395	3.296	3.496	49.860	50.000	-0.3
alpha-Chlordane	5.192	5.094	5.294	48.800	50.000	-2.4
beta-BHC	4.027	3.928	4.128	49.070	50.000	-1.9
Decachlorobiphenyl	8.074	7.977	8.177	43.990	50.000	-12.0
delta-BHC	4.264	4.165	4.365	50.030	50.000	0.1
Dieldrin	5.515	5.417	5.617	49.090	50.000	-1.8
Endosulfan I	5.248	5.151	5.351	42.440	50.000	-15.1
Endosulfan II	6.082	5.984	6.184	48.880	50.000	-2.2
Endosulfan sulfate	6.484	6.386	6.586	47.580	50.000	-4.8
Endrin	5.792	5.693	5.893	48.940	50.000	-2.1
Endrin aldehyde	6.261	6.163	6.363	46.940	50.000	-6.1
Endrin ketone	6.993	6.895	7.095	47.120	50.000	-5.8
gamma-BHC (Lindane)	3.731	3.633	3.833	49.140	50.000	-1.7
gamma-Chlordane	5.128	5.030	5.230	49.070	50.000	-1.9
Heptachlor	4.085	3.986	4.186	49.080	50.000	-1.8
Heptachlor epoxide	4.874	4.777	4.977	49.180	50.000	-1.6
Methoxychlor	6.757	6.659	6.859	47.040	50.000	-5.9
Tetrachloro-m-xylene	2.882	2.783	2.983	48.860	50.000	-2.3

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Continuing Calib Date: 05/13/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 19:46 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.52	4.52	4.42	4.62	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endosulfan I	6.08	6.08	5.98	6.18	0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.01
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.50	7.40	7.60	0.01
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.01
alpha-Chlordane	6.03	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Continuing Calib Date: 05/13/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 19:46 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
alpha-BHC	3.40	3.40	3.30	3.50	0.01
beta-BHC	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.27	4.17	4.37	0.01
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.09	4.09	3.99	4.19	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.87	4.88	4.78	4.98	0.01
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.01
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.48	6.49	6.39	6.59	0.01
4,4'-DDT	6.19	6.19	6.09	6.29	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00
Endrin ketone	6.99	7.00	6.90	7.10	0.01
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.13	5.13	5.03	5.23	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 05/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088537.D **Time Analyzed:** 19:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.705	6.606	6.806	55.770	50.000	11.5
4,4'-DDE	6.196	6.097	6.297	52.660	50.000	5.3
4,4'-DDT	7.021	6.922	7.122	52.310	50.000	4.6
Aldrin	5.273	5.173	5.373	56.150	50.000	12.3
alpha-BHC	4.001	3.901	4.101	56.370	50.000	12.7
alpha-Chlordane	6.028	5.929	6.129	57.060	50.000	14.1
beta-BHC	4.516	4.416	4.616	54.700	50.000	9.4
Decachlorobiphenyl	9.072	8.975	9.175	48.530	50.000	-2.9
delta-BHC	4.765	4.665	4.865	55.790	50.000	11.6
Dieldrin	6.348	6.249	6.449	55.340	50.000	10.7
Endosulfan I	6.075	5.976	6.176	56.160	50.000	12.3
Endosulfan II	6.786	6.687	6.887	53.180	50.000	6.4
Endosulfan sulfate	7.150	7.050	7.250	53.210	50.000	6.4
Endrin	6.575	6.476	6.676	53.640	50.000	7.3
Endrin aldehyde	6.915	6.816	7.016	52.180	50.000	4.4
Endrin ketone	7.630	7.531	7.731	52.880	50.000	5.8
gamma-BHC (Lindane)	4.331	4.232	4.432	55.450	50.000	10.9
gamma-Chlordane	5.945	5.847	6.047	54.760	50.000	9.5
Heptachlor	4.931	4.831	5.031	56.180	50.000	12.4
Heptachlor epoxide	5.691	5.592	5.792	55.000	50.000	10.0
Methoxychlor	7.493	7.395	7.595	50.660	50.000	1.3
Tetrachloro-m-xylene	3.551	3.452	3.652	53.660	50.000	7.3

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 05/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088537.D **Time Analyzed:** 19:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.932	5.834	6.034	47.580	50.000	-4.8
4,4'-DDE	5.375	5.280	5.480	47.480	50.000	-5.0
4,4'-DDT	6.186	6.088	6.288	46.850	50.000	-6.3
Aldrin	4.369	4.273	4.473	48.520	50.000	-3.0
alpha-BHC	3.395	3.296	3.496	48.820	50.000	-2.4
alpha-Chlordane	5.192	5.094	5.294	47.350	50.000	-5.3
beta-BHC	4.027	3.928	4.128	47.720	50.000	-4.6
Decachlorobiphenyl	8.074	7.977	8.177	40.950	50.000	-18.1
delta-BHC	4.263	4.165	4.365	48.730	50.000	-2.5
Dieldrin	5.515	5.417	5.617	47.510	50.000	-5.0
Endosulfan I	5.248	5.151	5.351	40.920	50.000	-18.2
Endosulfan II	6.082	5.984	6.184	47.150	50.000	-5.7
Endosulfan sulfate	6.484	6.386	6.586	45.830	50.000	-8.3
Endrin	5.791	5.693	5.893	47.710	50.000	-4.6
Endrin aldehyde	6.260	6.163	6.363	45.360	50.000	-9.3
Endrin ketone	6.993	6.895	7.095	45.410	50.000	-9.2
gamma-BHC (Lindane)	3.731	3.633	3.833	48.050	50.000	-3.9
gamma-Chlordane	5.128	5.030	5.230	47.690	50.000	-4.6
Heptachlor	4.085	3.986	4.186	48.050	50.000	-3.9
Heptachlor epoxide	4.874	4.777	4.977	47.860	50.000	-4.3
Methoxychlor	6.756	6.659	6.859	45.410	50.000	-9.2
Tetrachloro-m-xylene	2.882	2.783	2.983	48.160	50.000	-3.7

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Continuing Calib Date: 05/15/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:32 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.52	4.52	4.42	4.62	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endosulfan I	6.08	6.08	5.98	6.18	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.01
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.03	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Continuing Calib Date: 05/15/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 09:32 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
alpha-BHC	3.40	3.40	3.30	3.50	0.01
beta-BHC	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.27	4.17	4.37	0.01
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.09	4.09	3.99	4.19	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.88	4.88	4.78	4.98	0.00
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.01
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.49	6.49	6.39	6.59	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00
Endrin ketone	6.99	7.00	6.90	7.10	0.01
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.13	5.13	5.03	5.23	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 05/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088553.D **Time Analyzed:** 09:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.708	6.606	6.806	56.100	50.000	12.2
4,4'-DDE	6.198	6.097	6.297	53.970	50.000	7.9
4,4'-DDT	7.023	6.922	7.122	53.870	50.000	7.7
Aldrin	5.274	5.173	5.373	56.550	50.000	13.1
alpha-BHC	4.001	3.901	4.101	56.800	50.000	13.6
alpha-Chlordane	6.030	5.929	6.129	56.180	50.000	12.4
beta-BHC	4.517	4.416	4.616	55.040	50.000	10.1
Decachlorobiphenyl	9.077	8.975	9.175	49.760	50.000	-0.5
delta-BHC	4.766	4.665	4.865	55.930	50.000	11.9
Dieldrin	6.350	6.249	6.449	56.050	50.000	12.1
Endosulfan I	6.077	5.976	6.176	55.920	50.000	11.8
Endosulfan II	6.788	6.687	6.887	54.320	50.000	8.6
Endosulfan sulfate	7.152	7.050	7.250	54.310	50.000	8.6
Endrin	6.577	6.476	6.676	53.380	50.000	6.8
Endrin aldehyde	6.917	6.816	7.016	53.450	50.000	6.9
Endrin ketone	7.633	7.531	7.731	54.580	50.000	9.2
gamma-BHC (Lindane)	4.332	4.232	4.432	55.710	50.000	11.4
gamma-Chlordane	5.949	5.847	6.047	56.700	50.000	13.4
Heptachlor	4.932	4.831	5.031	56.990	50.000	14.0
Heptachlor epoxide	5.693	5.592	5.792	55.460	50.000	10.9
Methoxychlor	7.495	7.395	7.595	51.810	50.000	3.6
Tetrachloro-m-xylene	3.552	3.452	3.652	54.060	50.000	8.1

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 05/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088553.D **Time Analyzed:** 09:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.932	5.834	6.034	48.680	50.000	-2.6
4,4'-DDE	5.378	5.280	5.480	48.920	50.000	-2.2
4,4'-DDT	6.186	6.088	6.288	47.730	50.000	-4.5
Aldrin	4.371	4.273	4.473	49.570	50.000	-0.9
alpha-BHC	3.395	3.296	3.496	49.270	50.000	-1.5
alpha-Chlordane	5.193	5.094	5.294	48.190	50.000	-3.6
beta-BHC	4.027	3.928	4.128	48.880	50.000	-2.2
Decachlorobiphenyl	8.075	7.977	8.177	43.850	50.000	-12.3
delta-BHC	4.264	4.165	4.365	49.000	50.000	-2.0
Dieldrin	5.515	5.417	5.617	48.480	50.000	-3.0
Endosulfan I	5.249	5.151	5.351	47.220	50.000	-5.6
Endosulfan II	6.083	5.984	6.184	47.670	50.000	-4.7
Endosulfan sulfate	6.485	6.386	6.586	47.060	50.000	-5.9
Endrin	5.792	5.693	5.893	46.640	50.000	-6.7
Endrin aldehyde	6.261	6.163	6.363	46.820	50.000	-6.4
Endrin ketone	6.994	6.895	7.095	47.950	50.000	-4.1
gamma-BHC (Lindane)	3.731	3.633	3.833	48.430	50.000	-3.1
gamma-Chlordane	5.128	5.030	5.230	48.350	50.000	-3.3
Heptachlor	4.085	3.986	4.186	48.250	50.000	-3.5
Heptachlor epoxide	4.875	4.777	4.977	48.440	50.000	-3.1
Methoxychlor	6.757	6.659	6.859	45.800	50.000	-8.4
Tetrachloro-m-xylene	2.882	2.783	2.983	48.870	50.000	-2.3

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Continuing Calib Date: 05/15/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:11 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
alpha-BHC	4.01	4.00	3.90	4.10	-0.01
beta-BHC	4.52	4.52	4.42	4.62	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.94	4.93	4.83	5.03	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Heptachlor epoxide	5.70	5.69	5.59	5.79	-0.01
Endosulfan I	6.08	6.08	5.98	6.18	0.00
Dieldrin	6.36	6.35	6.25	6.45	-0.01
4,4'-DDE	6.20	6.20	6.10	6.30	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.15	7.05	7.25	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.63	7.53	7.73	-0.01
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.04	6.03	5.93	6.13	0.00
gamma-Chlordane	5.95	5.95	5.85	6.05	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Continuing Calib Date: 05/15/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 15:11 **Initial Calibration Time(s):** 13:56 14:51

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
alpha-BHC	3.39	3.40	3.30	3.50	0.01
beta-BHC	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.27	4.17	4.37	0.01
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.09	4.09	3.99	4.19	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Heptachlor epoxide	4.88	4.88	4.78	4.98	0.00
Endosulfan I	5.25	5.25	5.15	5.35	0.00
Dieldrin	5.52	5.52	5.42	5.62	0.00
4,4'-DDE	5.38	5.38	5.28	5.48	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
Endosulfan sulfate	6.49	6.49	6.39	6.59	0.00
4,4'-DDT	6.19	6.19	6.09	6.29	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00
Endrin ketone	7.00	7.00	6.90	7.10	0.01
Endrin aldehyde	6.26	6.26	6.16	6.36	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.00
gamma-Chlordane	5.13	5.13	5.03	5.23	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 05/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088566.D **Time Analyzed:** 15:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.712	6.606	6.806	58.470	50.000	16.9
4,4'-DDE	6.204	6.097	6.297	54.860	50.000	9.7
4,4'-DDT	7.030	6.922	7.122	46.570	50.000	-6.9
Aldrin	5.280	5.173	5.373	58.220	50.000	16.4
alpha-BHC	4.007	3.901	4.101	59.520	50.000	19.0
alpha-Chlordane	6.035	5.929	6.129	57.590	50.000	15.2
beta-BHC	4.523	4.416	4.616	57.060	50.000	14.1
Decachlorobiphenyl	9.083	8.975	9.175	50.530	50.000	1.1
delta-BHC	4.772	4.665	4.865	57.580	50.000	15.2
Dieldrin	6.356	6.249	6.449	56.970	50.000	13.9
Endosulfan I	6.082	5.976	6.176	56.890	50.000	13.8
Endosulfan II	6.795	6.687	6.887	55.090	50.000	10.2
Endosulfan sulfate	7.158	7.050	7.250	53.960	50.000	7.9
Endrin	6.583	6.476	6.676	54.300	50.000	8.6
Endrin aldehyde	6.923	6.816	7.016	51.380	50.000	2.8
Endrin ketone	7.639	7.531	7.731	52.960	50.000	5.9
gamma-BHC (Lindane)	4.338	4.232	4.432	57.900	50.000	15.8
gamma-Chlordane	5.953	5.847	6.047	56.190	50.000	12.4
Heptachlor	4.938	4.831	5.031	56.190	50.000	12.4
Heptachlor epoxide	5.699	5.592	5.792	56.300	50.000	12.6
Methoxychlor	7.502	7.395	7.595	46.630	50.000	-6.7
Tetrachloro-m-xylene	3.558	3.452	3.652	56.160	50.000	12.3

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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 05/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088566.D **Time Analyzed:** 15:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.933	5.834	6.034	50.970	50.000	1.9
4,4'-DDE	5.377	5.280	5.480	49.140	50.000	-1.7
4,4'-DDT	6.187	6.088	6.288	43.150	50.000	-13.7
Aldrin	4.371	4.273	4.473	51.590	50.000	3.2
alpha-BHC	3.394	3.296	3.496	51.060	50.000	2.1
alpha-Chlordane	5.194	5.094	5.294	49.390	50.000	-1.2
beta-BHC	4.027	3.928	4.128	50.400	50.000	0.8
Decachlorobiphenyl	8.077	7.977	8.177	42.250	50.000	-15.5
delta-BHC	4.264	4.165	4.365	50.740	50.000	1.5
Dieldrin	5.516	5.417	5.617	49.380	50.000	-1.2
Endosulfan I	5.250	5.151	5.351	46.890	50.000	-6.2
Endosulfan II	6.084	5.984	6.184	48.000	50.000	-4.0
Endosulfan sulfate	6.486	6.386	6.586	47.050	50.000	-5.9
Endrin	5.793	5.693	5.893	48.660	50.000	-2.7
Endrin aldehyde	6.262	6.163	6.363	45.350	50.000	-9.3
Endrin ketone	6.995	6.895	7.095	46.110	50.000	-7.8
gamma-BHC (Lindane)	3.731	3.633	3.833	49.840	50.000	-0.3
gamma-Chlordane	5.129	5.030	5.230	49.820	50.000	-0.4
Heptachlor	4.085	3.986	4.186	48.240	50.000	-3.5
Heptachlor epoxide	4.875	4.777	4.977	49.790	50.000	-0.4
Methoxychlor	6.758	6.659	6.859	42.380	50.000	-15.2
Tetrachloro-m-xylene	2.882	2.783	2.983	50.330	50.000	0.7

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088122.D **Date Analyzed:** 04/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:29

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.075	8.970	9.180	23.220	20.000	16.1
Tetrachloro-m-xylene	3.551	3.500	3.600	21.610	20.000	8.1
alpha-BHC	4.000	3.950	4.050	9.950	10.000	-0.5
beta-BHC	4.516	4.470	4.570	11.360	10.000	13.6
gamma-BHC (Lindane)	4.331	4.280	4.380	10.480	10.000	4.8
Endrin	6.576	6.510	6.650	51.530	50.000	3.1
4,4'-DDT	7.023	6.950	7.090	110.510	100.000	10.5
Methoxychlor	7.494	7.420	7.560	265.100	250.000	6.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088122.D **Date Analyzed:** 04/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:29

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.076	7.980	8.180	22.950	20.000	14.8
Tetrachloro-m-xylene	2.883	2.830	2.930	22.200	20.000	11.0
alpha-BHC	3.396	3.350	3.450	11.720	10.000	17.2
beta-BHC	4.028	3.980	4.080	12.460	10.000	24.6
gamma-BHC (Lindane)	3.732	3.680	3.780	11.580	10.000	15.8
Endrin	5.793	5.720	5.860	49.780	50.000	-0.4
4,4'-DDT	6.187	6.120	6.260	102.610	100.000	2.6
Methoxychlor	6.758	6.690	6.830	215.580	250.000	-13.8

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088498.D **Date Analyzed:** 05/13/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:41

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.074	8.970	9.170	23.730	20.000	18.7
Tetrachloro-m-xylene	3.551	3.500	3.600	23.660	20.000	18.3
alpha-BHC	4.000	3.950	4.050	10.800	10.000	8.0
beta-BHC	4.516	4.470	4.570	12.260	10.000	22.6
gamma-BHC (Lindane)	4.331	4.280	4.380	11.190	10.000	11.9
Endrin	6.575	6.500	6.650	59.430	50.000	18.9
4,4'-DDT	7.021	6.950	7.090	119.580	100.000	19.6
Methoxychlor	7.494	7.420	7.560	270.970	250.000	8.4

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088498.D **Date Analyzed:** 05/13/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:41

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.073	7.970	8.170	20.850	20.000	4.3
Tetrachloro-m-xylene	2.881	2.830	2.930	22.400	20.000	12.0
alpha-BHC	3.394	3.340	3.440	11.630	10.000	16.3
beta-BHC	4.026	3.980	4.080	12.030	10.000	20.3
gamma-BHC (Lindane)	3.730	3.680	3.780	11.540	10.000	15.4
Endrin	5.790	5.720	5.860	51.700	50.000	3.4
4,4'-DDT	6.185	6.110	6.260	99.870	100.000	-0.1
Methoxychlor	6.755	6.680	6.830	200.220	250.000	-19.9

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088552.D **Date Analyzed:** 05/15/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:18

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.081	8.980	9.180	22.250	20.000	11.3
Tetrachloro-m-xylene	3.556	3.510	3.610	22.310	20.000	11.6
alpha-BHC	4.005	3.950	4.060	10.210	10.000	2.1
beta-BHC	4.522	4.470	4.570	11.920	10.000	19.2
gamma-BHC (Lindane)	4.336	4.290	4.390	10.490	10.000	4.9
Endrin	6.581	6.510	6.650	55.090	50.000	10.2
4,4'-DDT	7.028	6.960	7.100	107.450	100.000	7.5
Methoxychlor	7.500	7.430	7.570	247.110	250.000	-1.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088552.D **Date Analyzed:** 05/15/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:18

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.077	7.980	8.180	19.860	20.000	-0.7
Tetrachloro-m-xylene	2.882	2.830	2.930	20.810	20.000	4.1
alpha-BHC	3.395	3.340	3.450	10.740	10.000	7.4
beta-BHC	4.027	3.980	4.080	9.980	10.000	-0.2
gamma-BHC (Lindane)	3.731	3.680	3.780	10.690	10.000	6.9
Endrin	5.792	5.720	5.860	48.980	50.000	-2.0
4,4'-DDT	6.186	6.120	6.260	93.360	100.000	-6.6
Methoxychlor	6.758	6.690	6.830	186.490	250.000	-25.4

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Analytical Sequence

Client: CDM Smith **SDG No.:** Q2010

Project: South River WM Replacement **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/18/2025 04/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/18/2025	13:15	PD088121.D	9.07	3.55
PEM	PEM	04/18/2025	13:29	PD088122.D	9.08	3.55
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	9.08	3.55
PSTDICC100	PSTDICC100	04/18/2025	13:56	PD088124.D	9.08	3.55
PSTDICC075	PSTDICC075	04/18/2025	14:10	PD088125.D	9.07	3.55
PSTDICC050	PSTDICC050	04/18/2025	14:24	PD088126.D	9.08	3.55
PSTDICC025	PSTDICC025	04/18/2025	14:37	PD088127.D	9.08	3.55
PSTDICC005	PSTDICC005	04/18/2025	14:51	PD088128.D	9.08	3.55
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	9.07	3.55
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	9.07	3.55
PEM	PEM	05/13/2025	09:41	PD088498.D	9.07	3.55
I.BLK	I.BLK	05/13/2025	16:35	PD088523.D	9.08	3.56
PSTDCCC050	PSTDCCC050	05/13/2025	16:48	PD088524.D	9.07	3.55
PB167959BL	PB167959BL	05/13/2025	17:02	PD088525.D	9.07	3.55
PB167959BS	PB167959BS	05/13/2025	17:15	PD088526.D	9.07	3.55
TP-10	Q2010-01	05/13/2025	17:43	PD088528.D	9.07	3.55
TP-13	Q2010-02	05/13/2025	17:56	PD088529.D	9.07	3.55
TP-14	Q2010-03	05/13/2025	18:10	PD088530.D	9.07	3.55
TP-17	Q2010-04	05/13/2025	18:24	PD088531.D	9.07	3.55
I.BLK	I.BLK	05/13/2025	19:18	PD088535.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/13/2025	19:46	PD088537.D	9.07	3.55
I.BLK	I.BLK	05/15/2025	08:47	PD088551.D	9.08	3.55
PEM	PEM	05/15/2025	09:18	PD088552.D	9.08	3.56
PSTDCCC050	PSTDCCC050	05/15/2025	09:32	PD088553.D	9.08	3.55
OU4-PCS-TC-33-050725MS	Q1984-01MS	05/15/2025	12:52	PD088559.D	9.08	3.55
OU4-PCS-TC-33-050725MSD	Q1984-01MSD	05/15/2025	13:05	PD088560.D	9.08	3.55
I.BLK	I.BLK	05/15/2025	14:14	PD088565.D	9.08	3.55
PSTDCCC050	PSTDCCC050	05/15/2025	15:11	PD088566.D	9.08	3.56

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Analytical Sequence

Client: CDM Smith **SDG No.:** Q2010

Project: South River WM Replacement **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/18/2025 04/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/18/2025	13:15	PD088121.D	8.08	2.88
PEM	PEM	04/18/2025	13:29	PD088122.D	8.08	2.88
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	8.08	2.88
PSTDICC100	PSTDICC100	04/18/2025	13:56	PD088124.D	8.09	2.90
PSTDICC075	PSTDICC075	04/18/2025	14:10	PD088125.D	8.08	2.88
PSTDICC050	PSTDICC050	04/18/2025	14:24	PD088126.D	8.08	2.88
PSTDICC025	PSTDICC025	04/18/2025	14:37	PD088127.D	8.08	2.88
PSTDICC005	PSTDICC005	04/18/2025	14:51	PD088128.D	8.08	2.88
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	8.08	2.88
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	8.08	2.88
PEM	PEM	05/13/2025	09:41	PD088498.D	8.07	2.88
I.BLK	I.BLK	05/13/2025	16:35	PD088523.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	16:48	PD088524.D	8.07	2.88
PB167959BL	PB167959BL	05/13/2025	17:02	PD088525.D	8.07	2.88
PB167959BS	PB167959BS	05/13/2025	17:15	PD088526.D	8.07	2.88
TP-10	Q2010-01	05/13/2025	17:43	PD088528.D	8.08	2.88
TP-13	Q2010-02	05/13/2025	17:56	PD088529.D	8.07	2.88
TP-14	Q2010-03	05/13/2025	18:10	PD088530.D	8.08	2.88
TP-17	Q2010-04	05/13/2025	18:24	PD088531.D	8.07	2.88
I.BLK	I.BLK	05/13/2025	19:18	PD088535.D	8.07	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	19:46	PD088537.D	8.07	2.88
I.BLK	I.BLK	05/15/2025	08:47	PD088551.D	8.08	2.88
PEM	PEM	05/15/2025	09:18	PD088552.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/15/2025	09:32	PD088553.D	8.08	2.88
OU4-PCS-TC-33-050725MS	Q1984-01MS	05/15/2025	12:52	PD088559.D	8.08	2.88
OU4-PCS-TC-33-050725MSD	Q1984-01MSD	05/15/2025	13:05	PD088560.D	8.07	2.88
I.BLK	I.BLK	05/15/2025	14:14	PD088565.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/15/2025	15:11	PD088566.D	8.08	2.88

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MS

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Lab Sample ID: Q1984-01MS **Date(s) Analyzed:** 05/15/2025 05/15/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	20.1	20.3
	2	5.93	5.88	5.98	16.4	
4,4'-DDE	1	6.20	6.15	6.25	19.2	12.2
	2	5.38	5.33	5.43	17.0	
Endosulfan II	1	6.79	6.74	6.84	19.0	11.7
	2	6.08	6.03	6.13	16.9	
4,4'-DDT	1	7.02	6.97	7.07	19.3	11.5
	2	6.19	6.14	6.24	17.2	
Endrin aldehyde	1	6.92	6.87	6.97	19.5	13.7
	2	6.26	6.21	6.31	17.0	
Endosulfan sulfate	1	7.15	7.10	7.20	19.2	15.7
	2	6.48	6.43	6.53	16.4	
Endrin ketone	1	7.63	7.58	7.68	19.6	14.8
	2	6.99	6.94	7.04	16.9	
alpha-BHC	1	4.00	3.95	4.05	19.7	11.8
	2	3.40	3.35	3.45	17.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	20.1	16.7
	2	3.73	3.68	3.78	17.0	
Aldrin	1	5.27	5.22	5.32	20.0	15.1
	2	4.37	4.32	4.42	17.2	
beta-BHC	1	4.52	4.47	4.57	19.4	10.9
	2	4.03	3.98	4.08	17.4	
delta-BHC	1	4.77	4.72	4.82	19.9	13.4
	2	4.26	4.21	4.31	17.4	
Endosulfan I	1	6.08	6.03	6.13	19.8	14.6
	2	5.25	5.20	5.30	17.1	
alpha-Chlordane	1	6.03	5.98	6.08	19.8	14.6
	2	5.19	5.14	5.24	17.1	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MS

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Lab Sample ID: Q1984-01MS **Date(s) Analyzed:** 05/15/2025 05/15/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Dieldrin	1	6.35	6.30	6.40	20.0	15.6
	2	5.52	5.47	5.57	17.1	
Endrin	1	6.58	6.53	6.63	19.6	13
	2	5.79	5.74	5.84	17.2	
Methoxychlor	1	7.50	7.45	7.55	18.6	10.8
	2	6.76	6.71	6.81	16.7	
Heptachlor	1	4.93	4.88	4.98	20.4	14.7
	2	4.09	4.04	4.14	17.6	
Heptachlor epoxide	1	5.69	5.64	5.74	19.8	14.6
	2	4.88	4.83	4.93	17.1	
gamma-Chlordane	1	5.95	5.90	6.00	19.7	13.6
	2	5.13	5.08	5.18	17.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MSD

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Lab Sample ID: Q1984-01MSD **Date(s) Analyzed:** 05/15/2025 05/15/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.79	6.74	6.84	19.2	13.3
	2	6.08	6.03	6.13	16.8	
4,4'-DDD	1	6.71	6.66	6.76	20.3	19.5
	2	5.93	5.88	5.98	16.7	
4,4'-DDT	1	7.02	6.97	7.07	19.4	12.6
	2	6.19	6.14	6.24	17.1	
Endrin aldehyde	1	6.92	6.87	6.97	19.6	14.2
	2	6.26	6.21	6.31	17.0	
Endosulfan sulfate	1	7.15	7.10	7.20	19.4	13.8
	2	6.48	6.43	6.53	16.9	
Methoxychlor	1	7.49	7.44	7.54	18.8	11.2
	2	6.76	6.71	6.81	16.8	
Endrin ketone	1	7.63	7.58	7.68	19.7	13.6
	2	6.99	6.94	7.04	17.2	
alpha-BHC	1	4.00	3.95	4.05	19.9	11.1
	2	3.40	3.35	3.45	17.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	20.3	16.5
	2	3.73	3.68	3.78	17.2	
Heptachlor	1	4.93	4.88	4.98	20.7	15.1
	2	4.09	4.04	4.14	17.8	
Aldrin	1	5.27	5.22	5.32	20.4	15.3
	2	4.37	4.32	4.42	17.5	
beta-BHC	1	4.52	4.47	4.57	19.5	9.1
	2	4.03	3.98	4.08	17.8	
delta-BHC	1	4.77	4.72	4.82	20.0	12.8
	2	4.26	4.21	4.31	17.6	
Heptachlor epoxide	1	5.69	5.64	5.74	19.8	13.5
	2	4.87	4.82	4.92	17.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MSD

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Lab Sample ID: Q1984-01MSD **Date(s) Analyzed:** 05/15/2025 05/15/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.08	6.03	6.13	20.0	13.9
	2	5.25	5.20	5.30	17.4	
gamma-Chlordane	1	5.95	5.90	6.00	19.8	13.5
	2	5.13	5.08	5.18	17.3	
alpha-Chlordane	1	6.03	5.98	6.08	19.9	14
	2	5.19	5.14	5.24	17.3	
4,4'-DDE	1	6.20	6.15	6.25	19.4	11.4
	2	5.38	5.33	5.43	17.3	
Dieldrin	1	6.35	6.30	6.40	20.2	14.9
	2	5.51	5.46	5.56	17.4	
Endrin	1	6.58	6.53	6.63	19.8	12.9
	2	5.79	5.74	5.84	17.4	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167959BS

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Lab Sample ID: PB167959BS **Date(s) Analyzed:** 05/13/2025 05/13/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	18.5	12
	2	5.93	5.88	5.98	16.4	
4,4'-DDT	1	7.02	6.97	7.07	17.3	12.3
	2	6.19	6.14	6.24	15.3	
alpha-BHC	1	4.00	3.95	4.05	17.7	9.5
	2	3.40	3.35	3.45	16.1	
Aldrin	1	5.27	5.22	5.32	18.1	11.1
	2	4.37	4.32	4.42	16.2	
beta-BHC	1	4.52	4.47	4.57	17.3	7.8
	2	4.03	3.98	4.08	16.0	
alpha-Chlordane	1	6.03	5.98	6.08	18.1	12.9
	2	5.19	5.14	5.24	15.9	
4,4'-DDE	1	6.20	6.15	6.25	17.7	9.5
	2	5.38	5.33	5.43	16.1	
Endosulfan II	1	6.79	6.74	6.84	17.6	10.8
	2	6.08	6.03	6.13	15.8	
Endrin aldehyde	1	6.92	6.87	6.97	17.8	11.9
	2	6.26	6.21	6.31	15.8	
Endosulfan sulfate	1	7.15	7.10	7.20	17.9	13.1
	2	6.48	6.43	6.53	15.7	
Methoxychlor	1	7.49	7.44	7.54	16.6	10.1
	2	6.76	6.71	6.81	15.0	
Endrin ketone	1	7.63	7.58	7.68	18.0	13
	2	6.99	6.94	7.04	15.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.5	9.6
	2	3.73	3.68	3.78	15.9	
Heptachlor	1	4.93	4.88	4.98	18.0	13
	2	4.08	4.03	4.13	15.8	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167959BS

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Lab Sample ID: PB167959BS **Date(s) Analyzed:** 05/13/2025 05/13/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
delta-BHC	1	4.77	4.72	4.82	18.0	10.5
	2	4.26	4.21	4.31	16.2	
Heptachlor epoxide	1	5.69	5.64	5.74	18.1	12.3
	2	4.88	4.83	4.93	16.0	
Endosulfan I	1	6.08	6.03	6.13	18.2	13.5
	2	5.25	5.20	5.30	15.9	
gamma-Chlordane	1	5.95	5.90	6.00	18.1	12.3
	2	5.13	5.08	5.18	16.0	
Dieldrin	1	6.35	6.30	6.40	18.3	13.4
	2	5.52	5.47	5.57	16.0	
Endrin	1	6.58	6.53	6.63	17.4	12.2
	2	5.79	5.74	5.84	15.4	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-10

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Lab Sample ID: Q2010-01 **Date(s) Analyzed:** 05/13/2025 05/13/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
alpha-Chlordane	1	6.03	5.98	6.08	0.52	82.7
	2	5.19	5.14	5.24	0.22	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088528.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:43
Operator : AR\AJ
Sample : Q2010-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-10

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:45:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.552	2.883	25553773	177.5E6	12.794	12.137
28)	SA Decachlor...	9.073	8.075	38643144	180.4E6	11.681	9.759
	Target Compounds						
10)	B gamma-Chl...	5.945	5.127	2653914	6828193	0.733m	0.336m#
11)	B alpha-Chl...	6.032	5.191	5312115	11904358	1.472	0.607m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

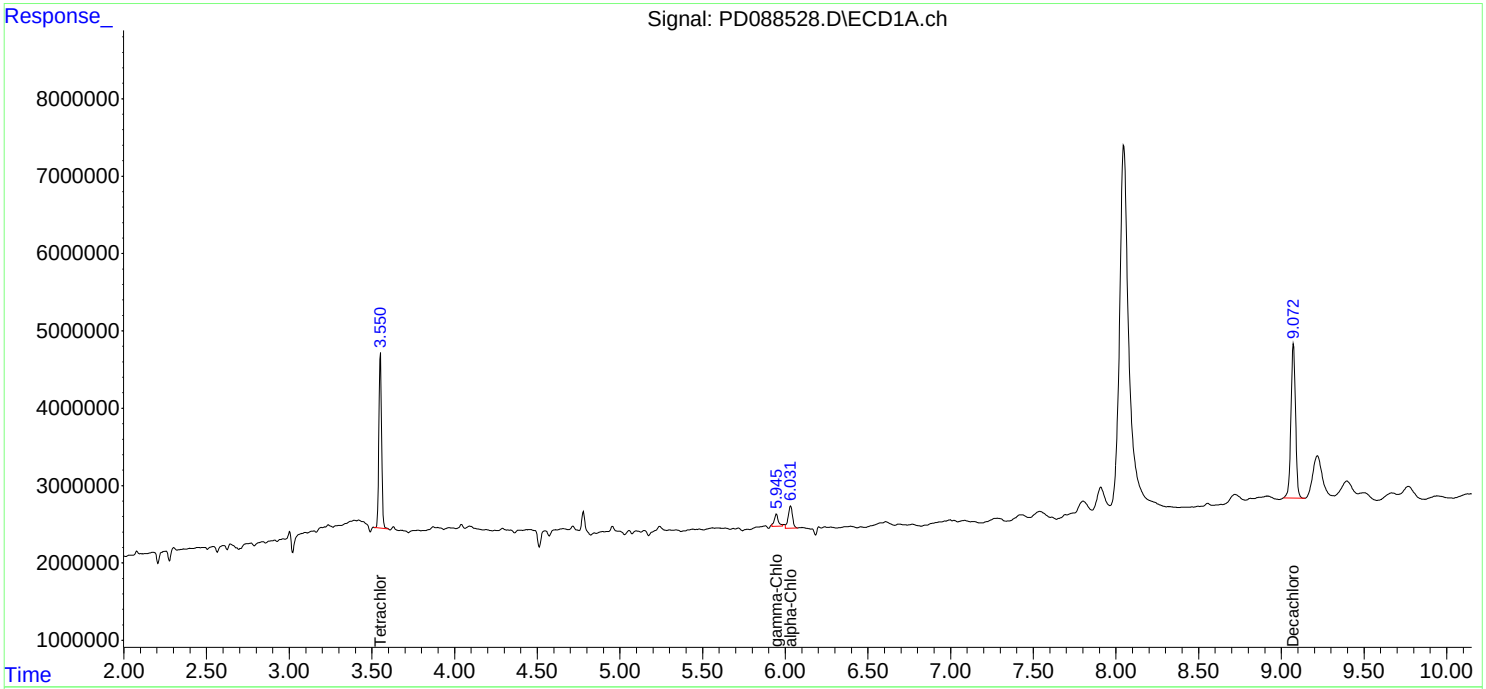
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088528.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:43
Operator : AR\AJ
Sample : Q2010-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

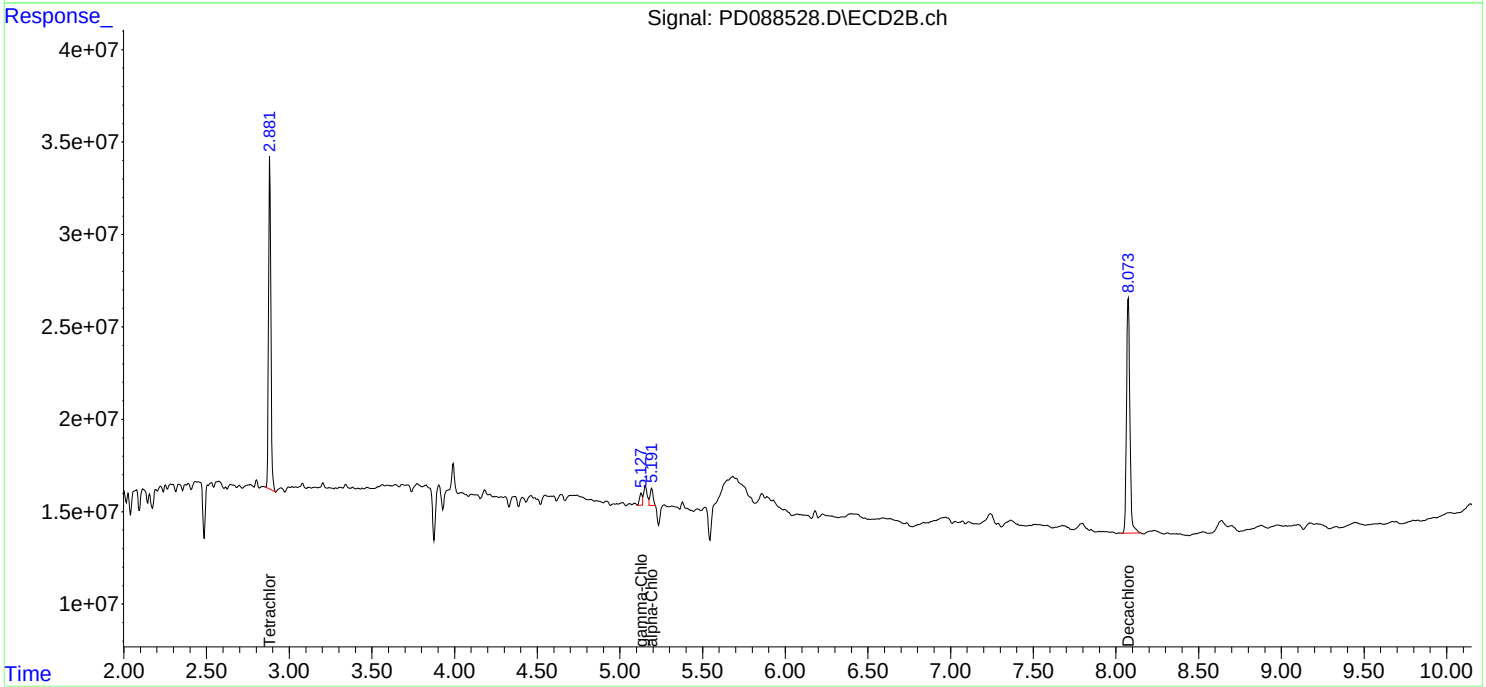
Instrument :
ECD_D
ClientSampleId :
TP-10

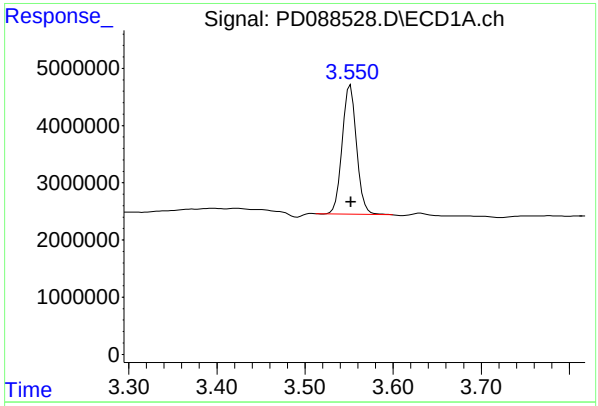
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:45:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







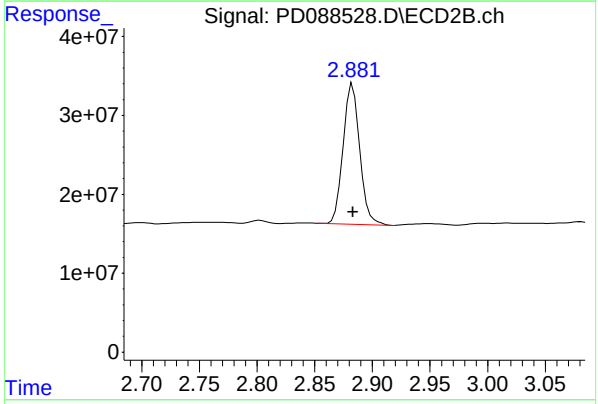
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 25553773
Conc: 12.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10

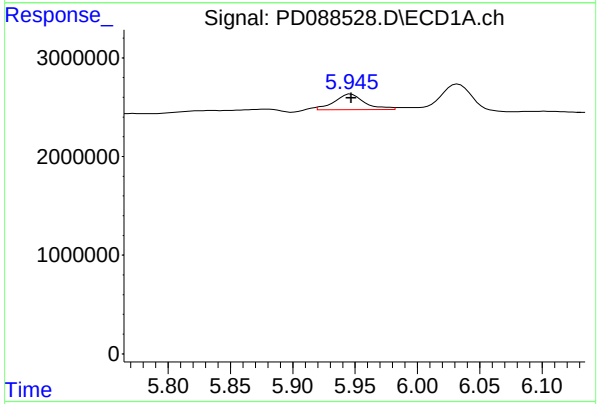
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/15/2025



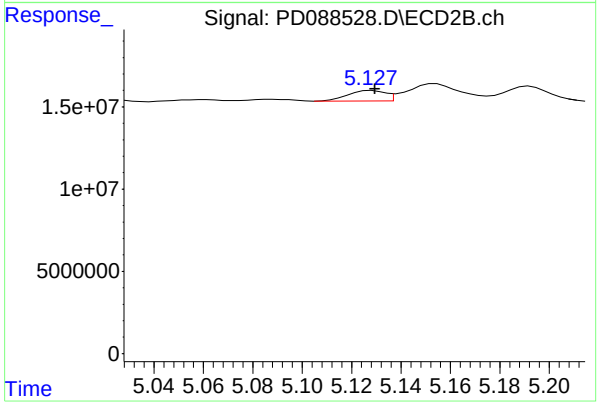
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 177460689
Conc: 12.14 ng/ml



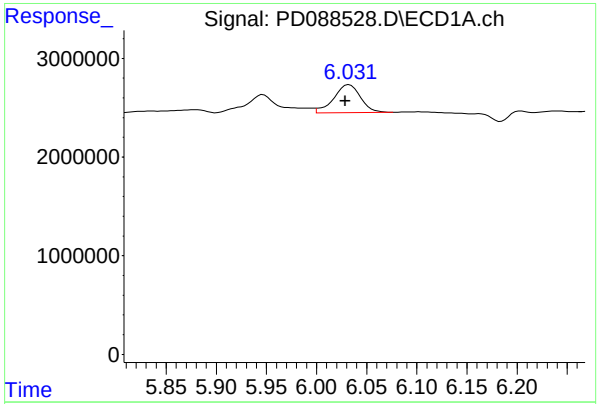
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 2653914
Conc: 0.73 ng/ml m



#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 6828193
Conc: 0.34 ng/ml m



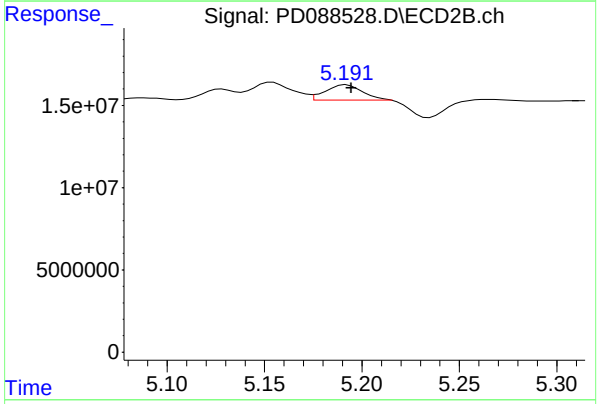
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 5312115
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-10

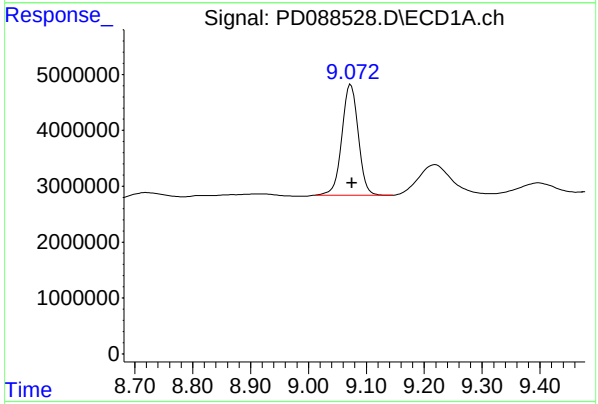
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/15/2025



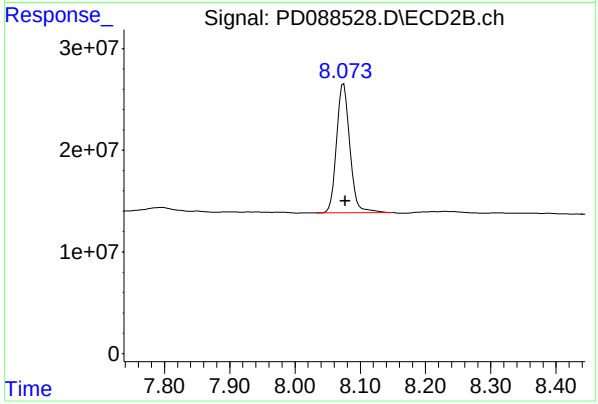
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 11904358
Conc: 0.61 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 38643144
Conc: 11.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 180351583
Conc: 9.76 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:56
Operator : AR\AJ
Sample : Q2010-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-13

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:45:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.552	2.883	35261773	247.3E6	17.654	16.911
28)	SA Decachlor...	9.073	8.074	50312664	252.4E6	15.209	13.659
	Target Compounds						

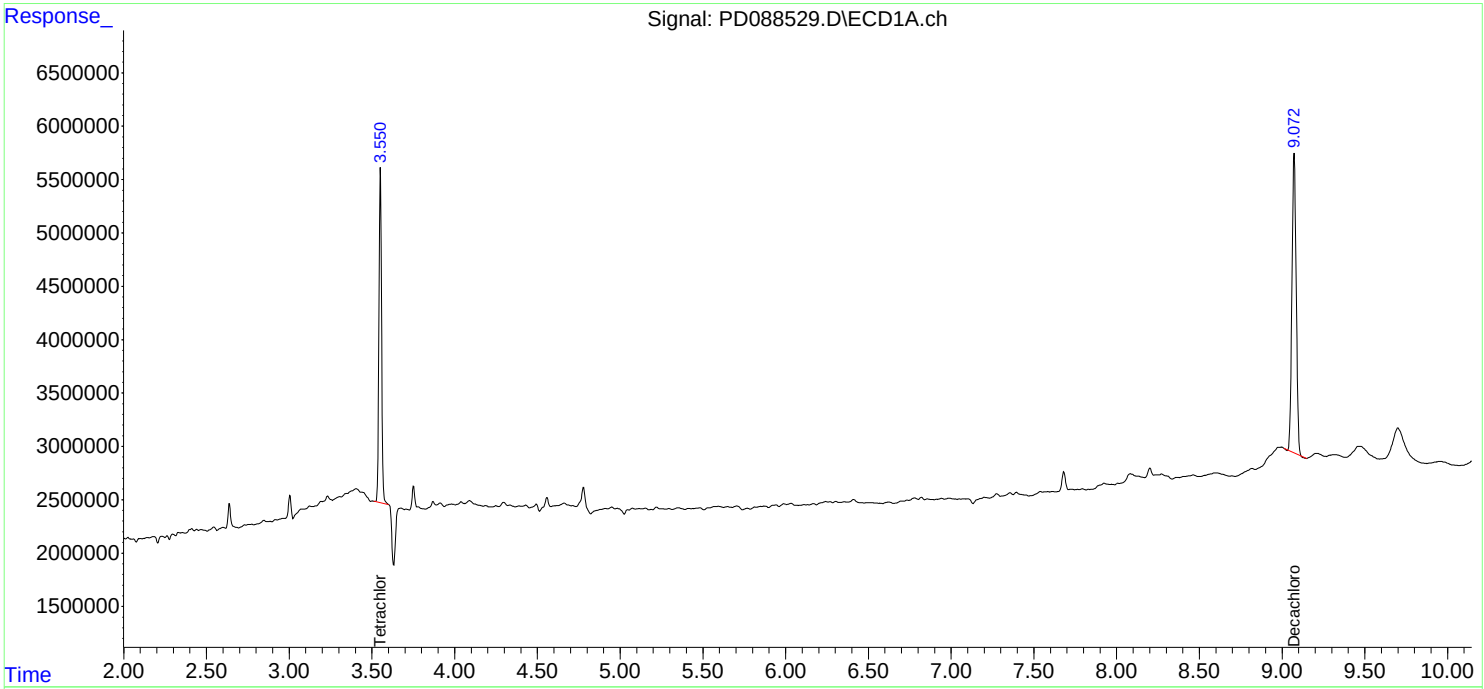
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

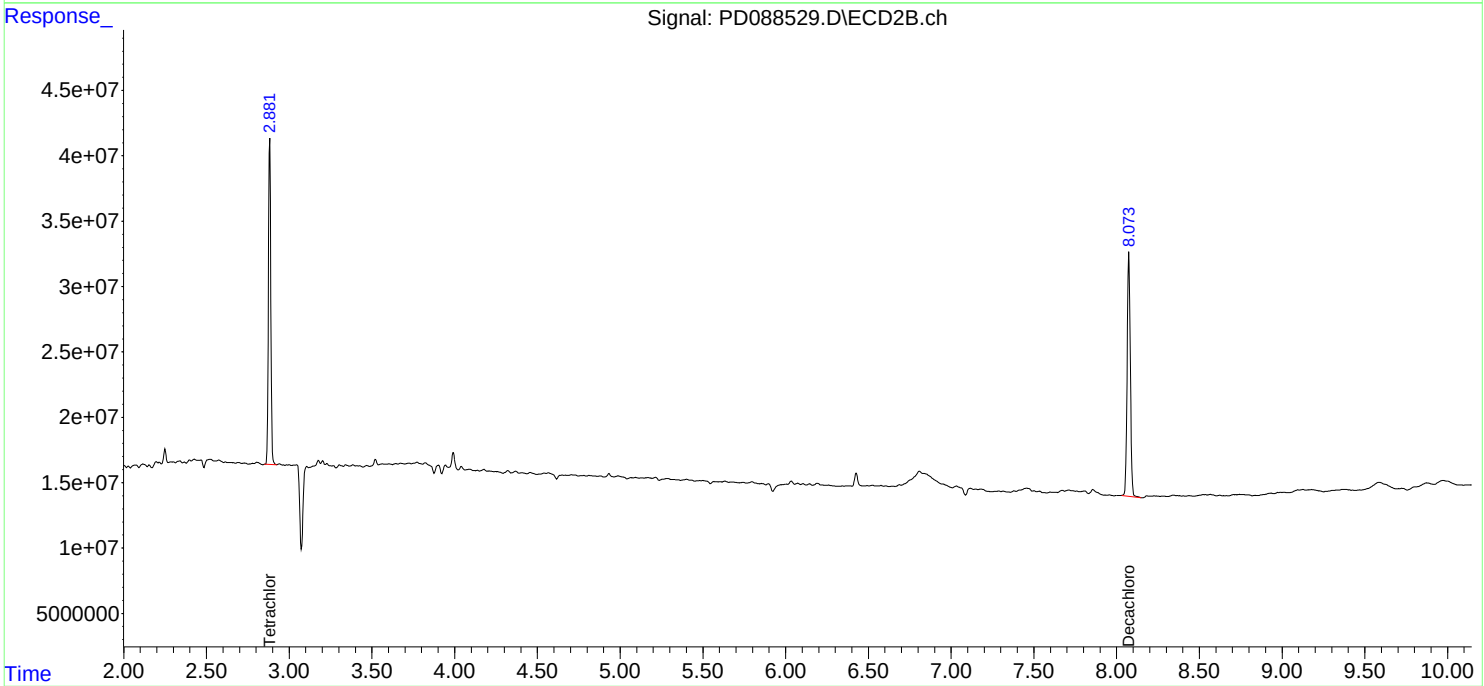
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:56
Operator : AR\AJ
Sample : Q2010-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

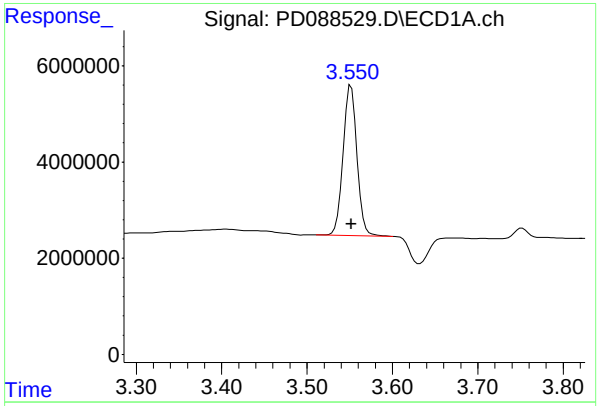
Instrument :
ECD_D
ClientSampleId :
TP-13

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:45:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



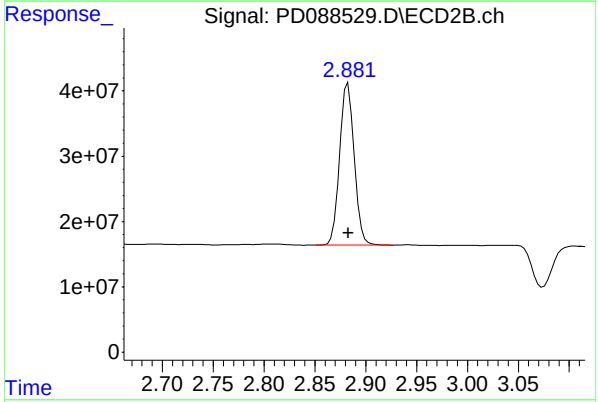




#1 Tetrachloro-m-xylene

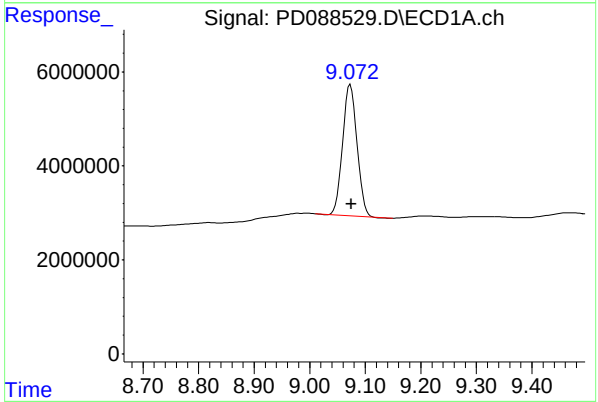
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 35261773
Conc: 17.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13



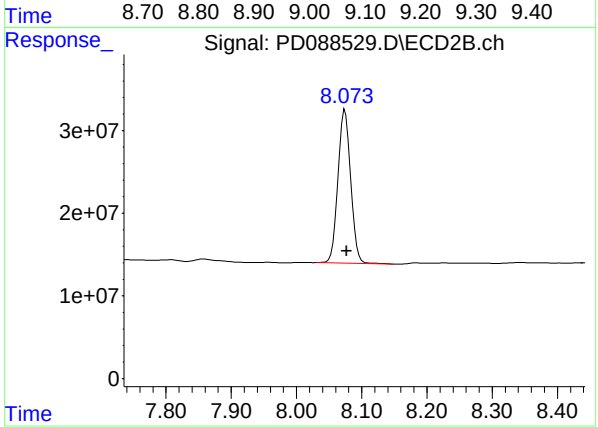
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 247259317
Conc: 16.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 50312664
Conc: 15.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 252407238
Conc: 13.66 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 18:10
Operator : AR\AJ
Sample : Q2010-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.552	2.883	36525762	255.8E6	18.287	17.497
28)	SA Decachlor...	9.074	8.075	54624644	249.8E6	16.512	13.515
	Target Compounds						

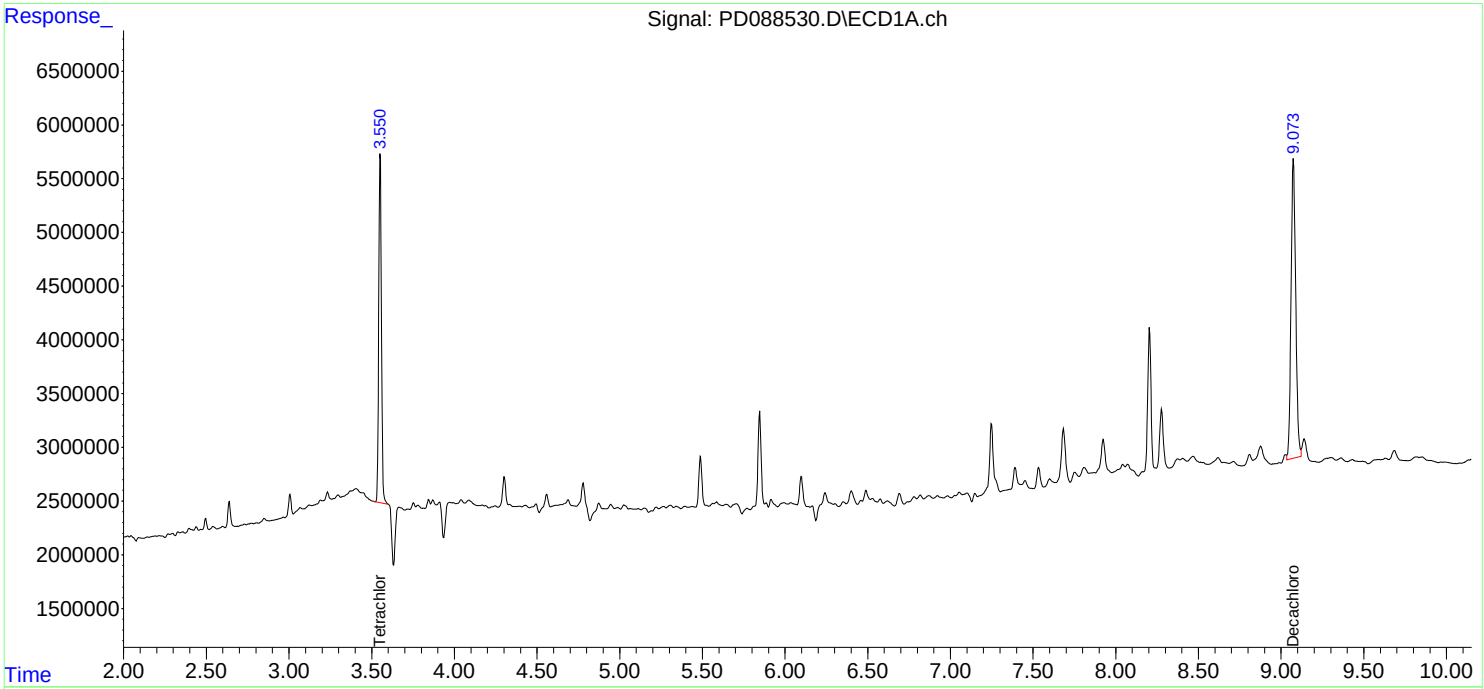
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

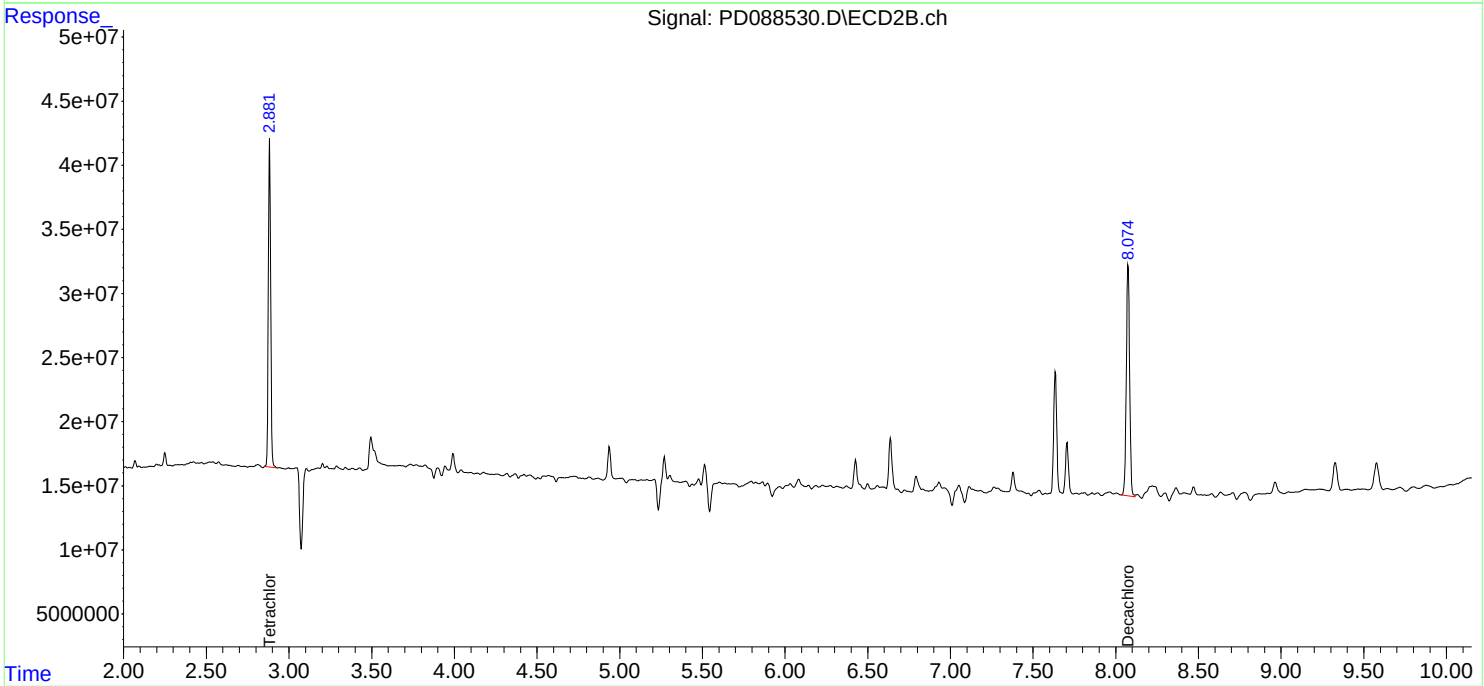
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 18:10
Operator : AR\AJ
Sample : Q2010-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

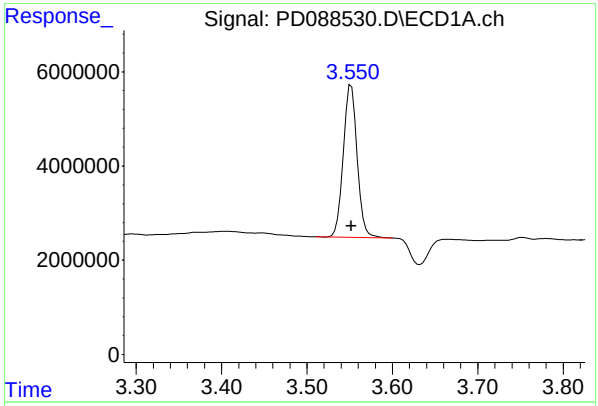
Instrument :
ECD_D
ClientSampleId :
TP-14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



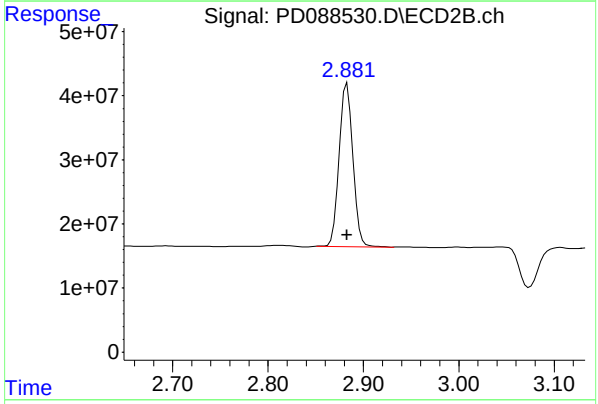




#1 Tetrachloro-m-xylene

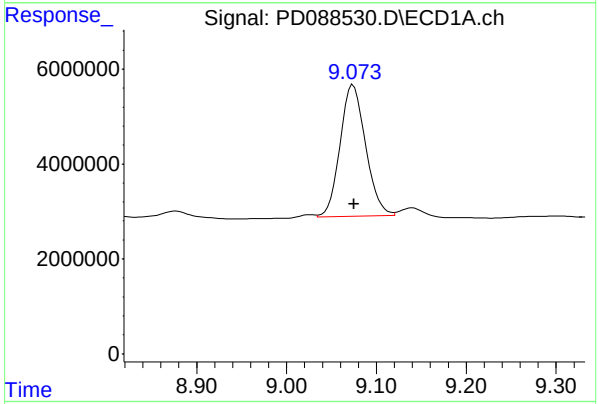
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 36525762
Conc: 18.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14



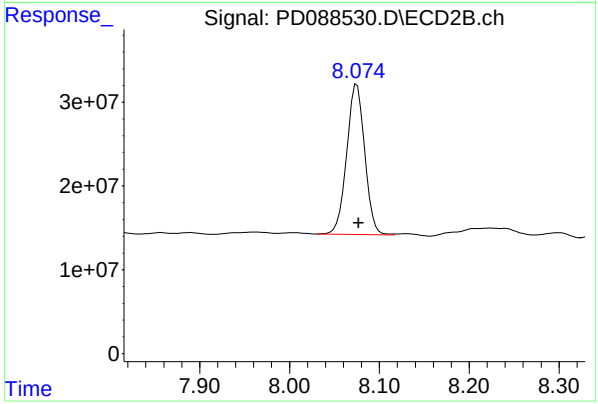
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 255827507
Conc: 17.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 54624644
Conc: 16.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 249759550
Conc: 13.52 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 18:24
Operator : AR\AJ
Sample : Q2010-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-17

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:46:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.551	2.882	36816196	258.3E6	18.432	17.669
28)	SA Decachlor...	9.073	8.074	48797950	241.6E6	14.751	13.073
	Target Compounds						

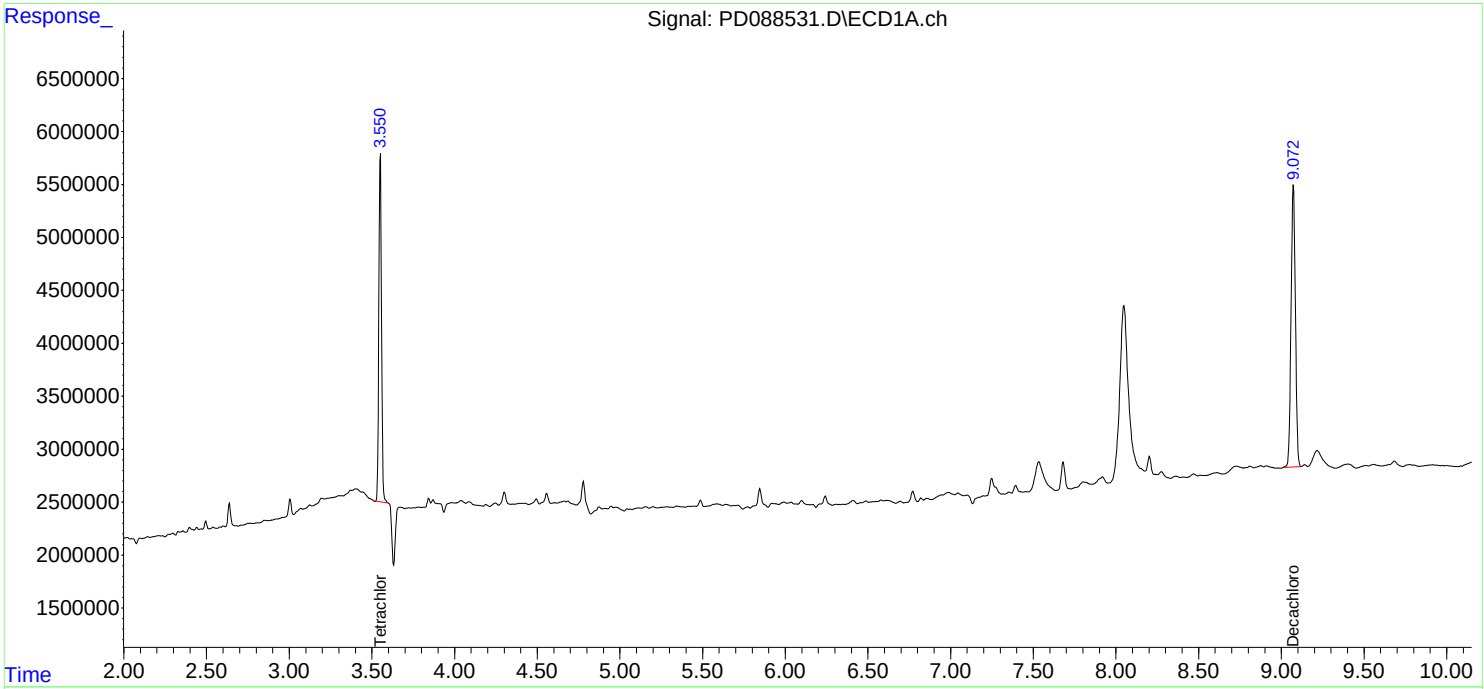
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

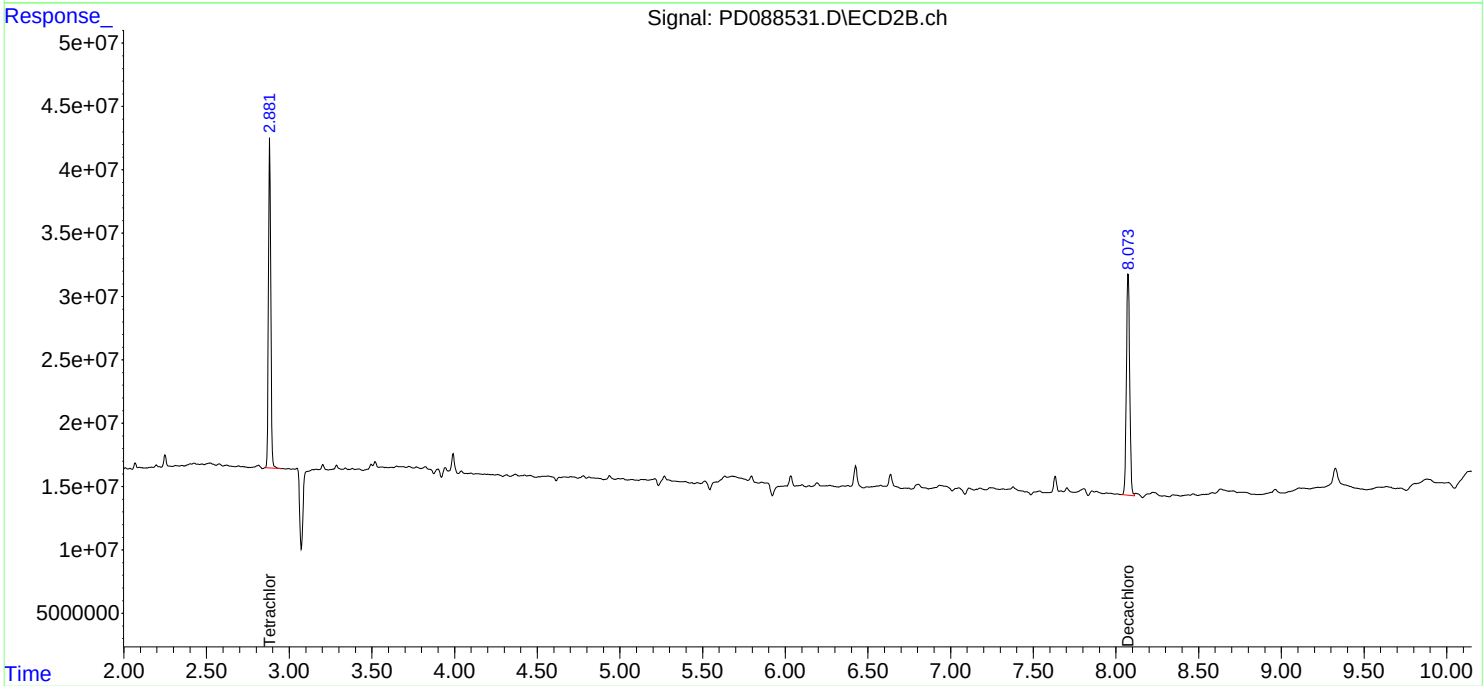
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 18:24
Operator : AR\AJ
Sample : Q2010-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

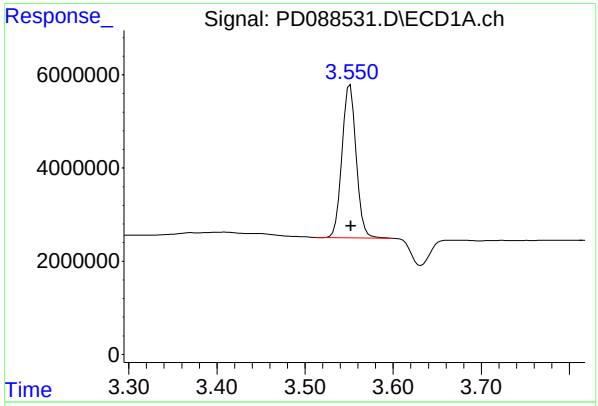
Instrument :
ECD_D
ClientSampleId :
TP-17

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:46:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



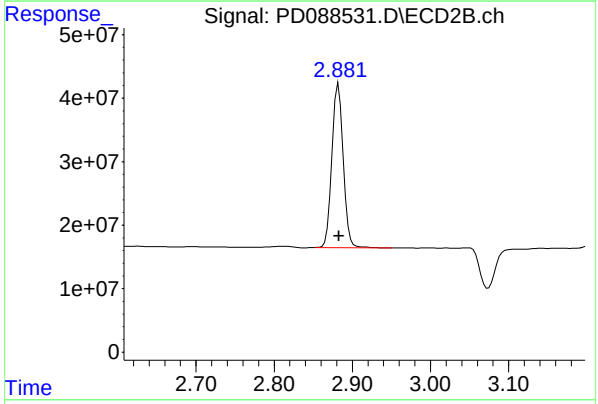




#1 Tetrachloro-m-xylene

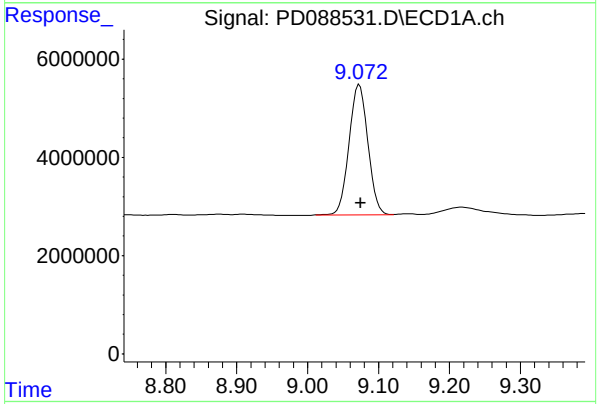
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 36816196
Conc: 18.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-17



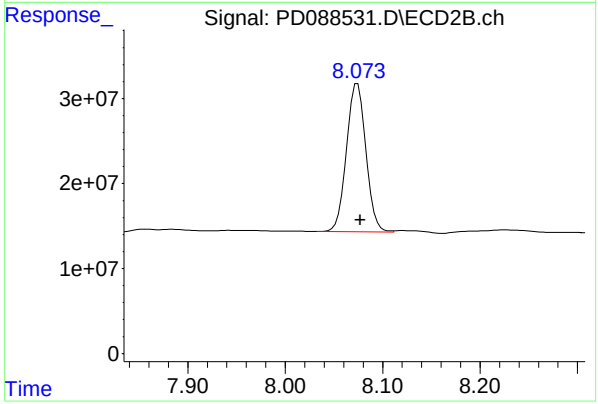
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 258349454
Conc: 17.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 48797950
Conc: 14.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 241581965
Conc: 13.07 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:02
Operator : AR\AJ
Sample : PB167959BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB167959BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:44:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.551	2.882	38568145	279.6E6	19.309	19.124
28)	SA Decachlor...	9.073	8.074	66384067	333.5E6	20.067	18.048
	Target Compounds						

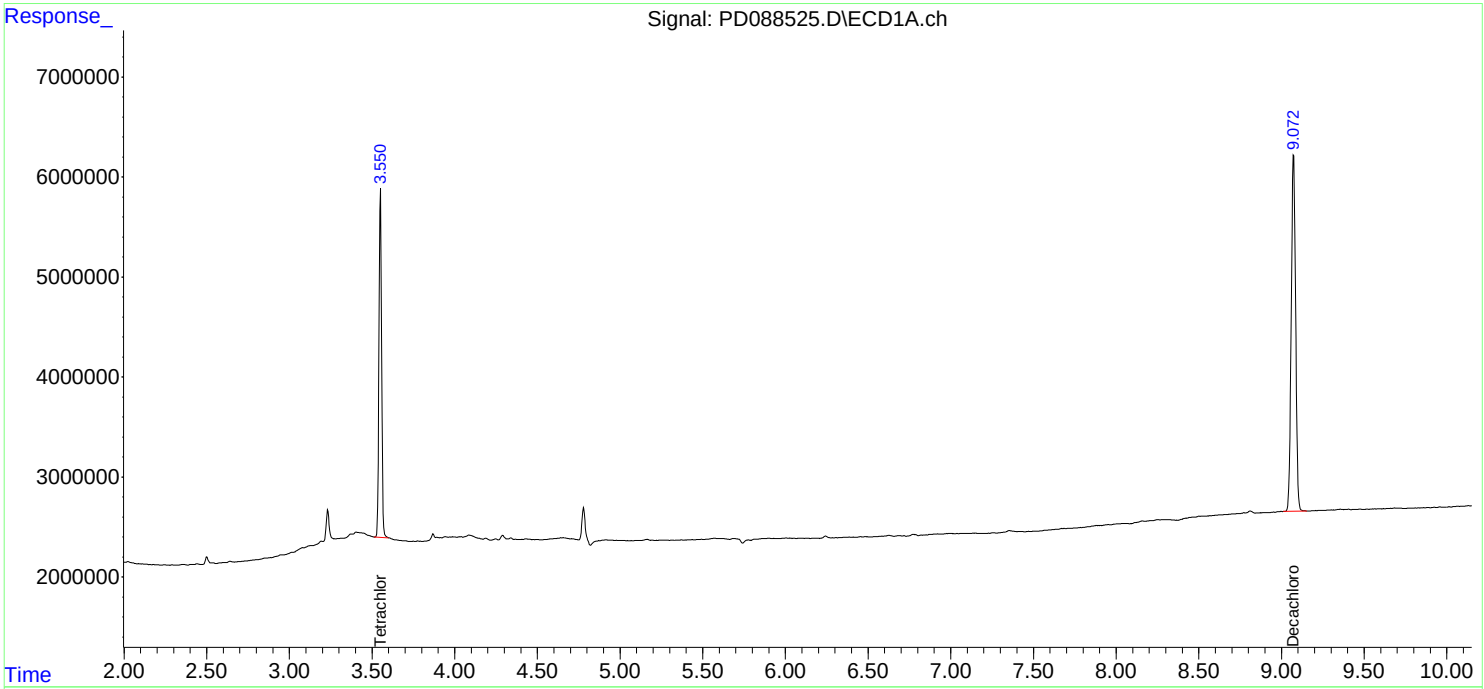
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

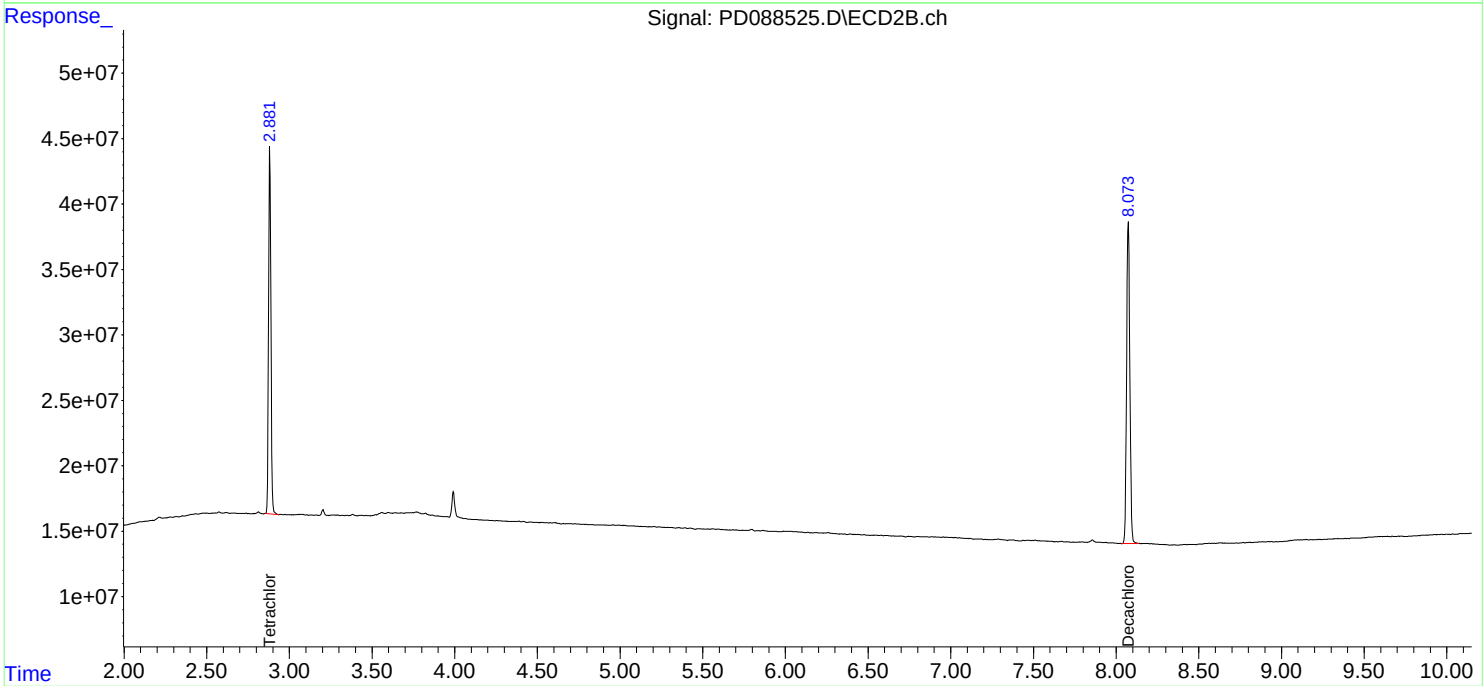
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:02
Operator : AR\AJ
Sample : PB167959BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

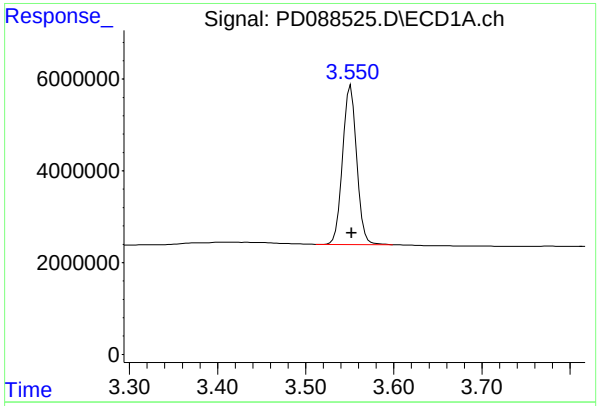
Instrument :
ECD_D
ClientSampleId :
PB167959BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:44:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



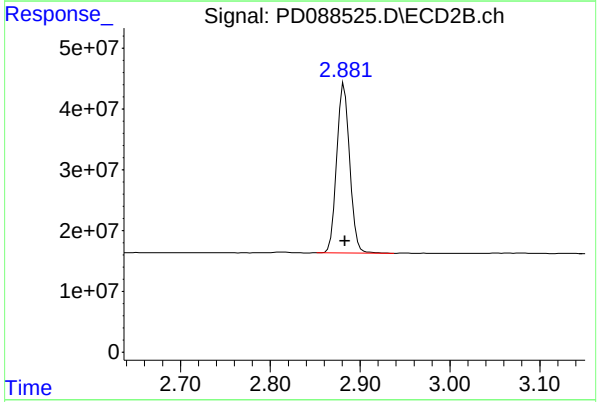




#1 Tetrachloro-m-xylene

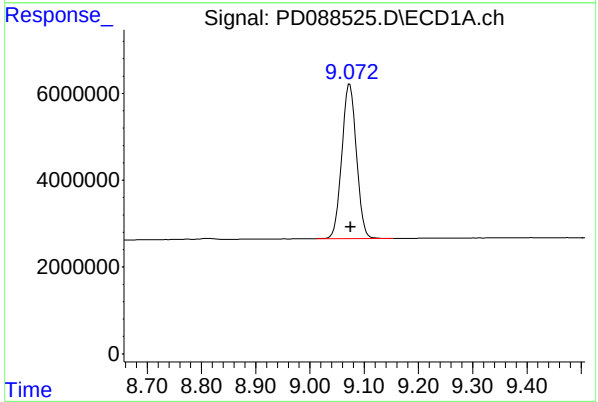
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 38568145
Conc: 19.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167959BL



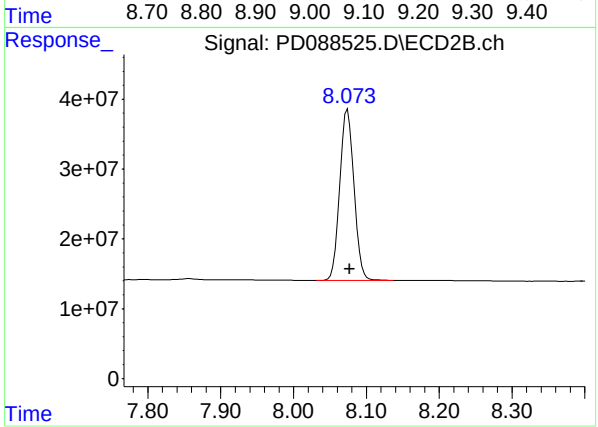
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 279618872
Conc: 19.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 66384067
Conc: 20.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 333511091
Conc: 18.05 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:15
Operator : AR\AJ
Sample : PB167959BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB167959BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:44:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.551	2.882	43148373	310.8E6	21.602	21.256
28)	SA	Decachlor...	9.074	8.074	75153695	379.7E6	22.718	20.550
		Target Compounds						
2)	A	alpha-BHC	4.001	3.395	229.8E6	1105.1E6	53.289	48.340
3)	MA	gamma-BHC...	4.332	3.731	220.7E6	1027.0E6	52.700	47.680
4)	MA	Heptachlor	4.931	4.084	218.6E6	1013.2E6	54.114	47.351
5)	MB	Aldrin	5.273	4.371	215.1E6	1013.0E6	54.450	48.696
6)	B	beta-BHC	4.516	4.027	84446365	445.7E6	52.019	48.162
7)	B	delta-BHC	4.765	4.263	223.4E6	1031.4E6	54.157	48.511
8)	B	Heptachlo...	5.692	4.875	193.8E6	906.6E6	54.239	47.983
9)	A	Endosulfan I	6.076	5.249	184.2E6	860.7E6	54.542	47.783
10)	B	gamma-Chl...	5.947	5.128	197.3E6	974.0E6	54.469	47.992
11)	B	alpha-Chl...	6.028	5.193	196.3E6	938.5E6	54.383	47.878
12)	B	4,4'-DDE	6.197	5.377	175.6E6	949.8E6	53.233	48.226
13)	MA	Dieldrin	6.348	5.515	196.1E6	959.1E6	54.953	48.118
14)	MA	Endrin	6.575	5.791	155.5E6	844.2E6	52.120	46.380
15)	B	Endosulfa...	6.787	6.083	165.1E6	833.6E6	52.820	47.575
16)	A	4,4'-DDD	6.706	5.932	139.7E6	807.0E6	55.543	49.251
17)	MA	4,4'-DDT	7.022	6.186	144.3E6	781.6E6	51.960	45.930
18)	B	Endrin al...	6.916	6.261	123.4E6	629.4E6	53.469	47.321
19)	B	Endosulfa...	7.150	6.484	154.7E6	807.7E6	53.783	47.145
20)	A	Methoxychlor	7.494	6.757	74867705	410.8E6	49.927	45.034
21)	B	Endrin ke...	7.631	6.993	166.6E6	889.9E6	53.961	47.580
22)		Mirex	8.115	7.187	120.2E6	664.7E6	51.191	44.849

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

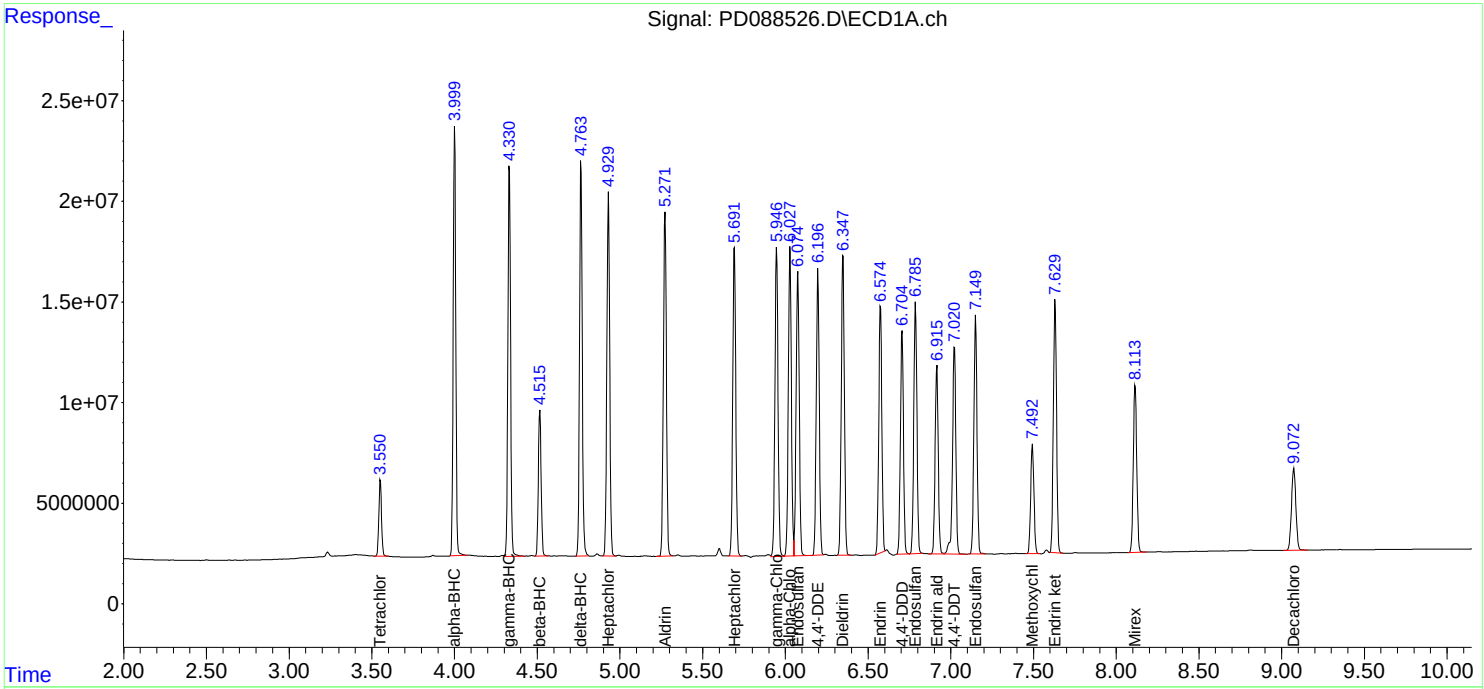
Sample Results: **PD088526.D**

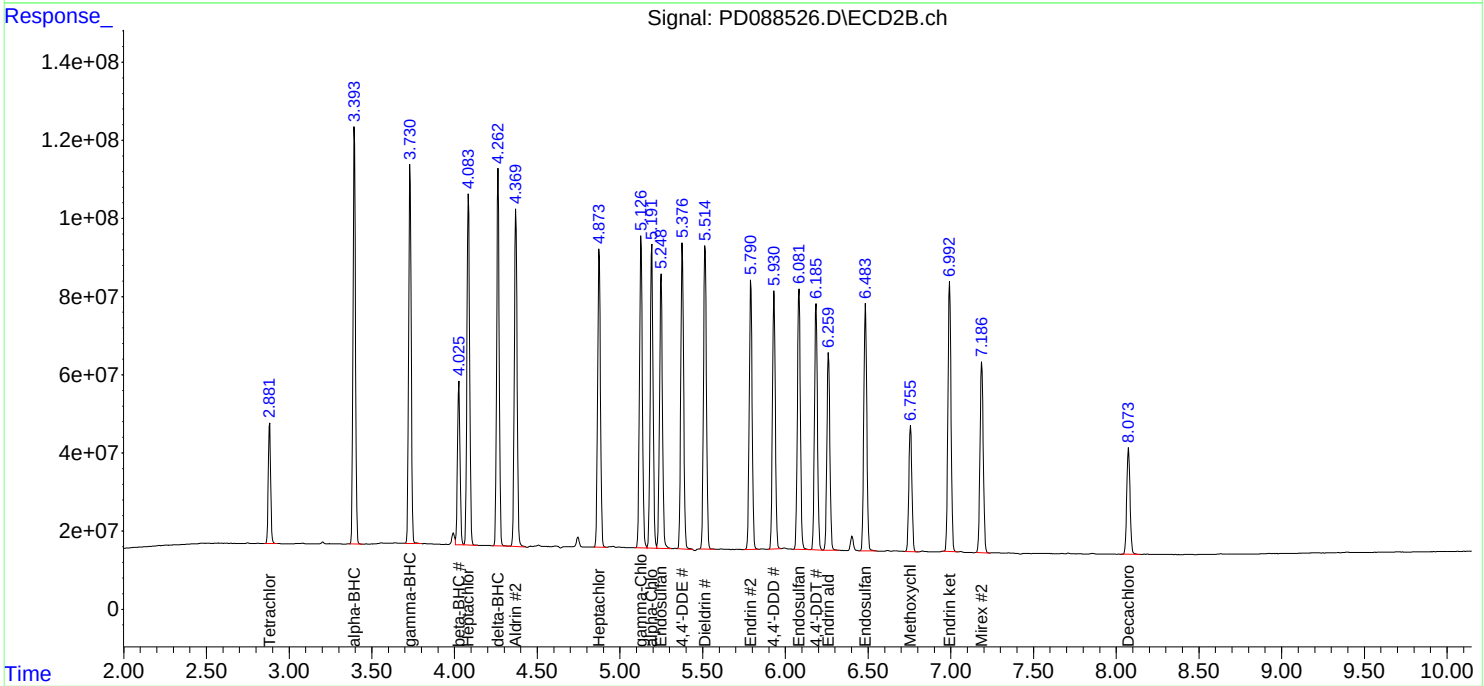
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:15
Operator : AR\AJ
Sample : PB167959BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB167959BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:44:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 12:52
Operator : AR\AJ
Sample : Q1984-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:17:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.552	2.882	42022681	300.2E6	21.039	20.529
28)	SA	Decachlor...	9.077	8.075	69954709	340.9E6	21.146	18.450
		Target Compounds						
2)	A	alpha-BHC	4.001	3.395	242.8E6	1145.1E6	56.302	50.090
3)	MA	gamma-BHC...	4.332	3.731	239.9E6	1044.4E6	57.288	48.490
4)	MA	Heptachlor	4.932	4.085	234.9E6	1078.0E6	58.169	50.376
5)	MB	Aldrin	5.272	4.370	226.1E6	1022.4E6	57.241m	49.150
6)	B	beta-BHC	4.517	4.025	89755012	459.5E6	55.289	49.657m
7)	B	delta-BHC	4.766	4.264	234.2E6	1055.2E6	56.765	49.630
8)	B	Heptachlo...	5.693	4.875	201.5E6	924.8E6	56.388	48.948
9)	A	Endosulfan I	6.077	5.249	191.2E6	878.2E6	56.623	48.753
10)	B	gamma-Chl...	5.948	5.128	203.8E6	994.2E6	56.261	48.985
11)	B	alpha-Chl...	6.029	5.192	203.7E6	959.2E6	56.428	48.933
12)	B	4,4'-DDE	6.198	5.377	180.9E6	956.6E6	54.862	48.572
13)	MA	Dieldrin	6.350	5.515	204.2E6	976.0E6	57.234	48.964
14)	MA	Endrin	6.577	5.791	166.5E6	893.2E6	55.835	49.069
15)	B	Endosulfa...	6.789	6.082	169.7E6	843.5E6	54.272	48.139
16)	A	4,4'-DDD	6.708	5.932	144.6E6	767.5E6	57.484	46.839
17)	MA	4,4'-DDT	7.024	6.185	152.8E6	833.7E6	55.012	48.993
18)	B	Endrin al...	6.918	6.260	128.2E6	645.4E6	55.557	48.522
19)	B	Endosulfa...	7.151	6.484	157.3E6	804.4E6	54.682	46.949
20)	A	Methoxychlor	7.496	6.757	79835270	434.2E6	53.240	47.604
21)	B	Endrin ke...	7.633	6.994	172.8E6	904.7E6	56.000	48.371
22)		Mirex	8.117	7.188	125.7E6	675.7E6	53.547	45.590

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 12:52
Operator : AR\AJ
Sample : Q1984-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

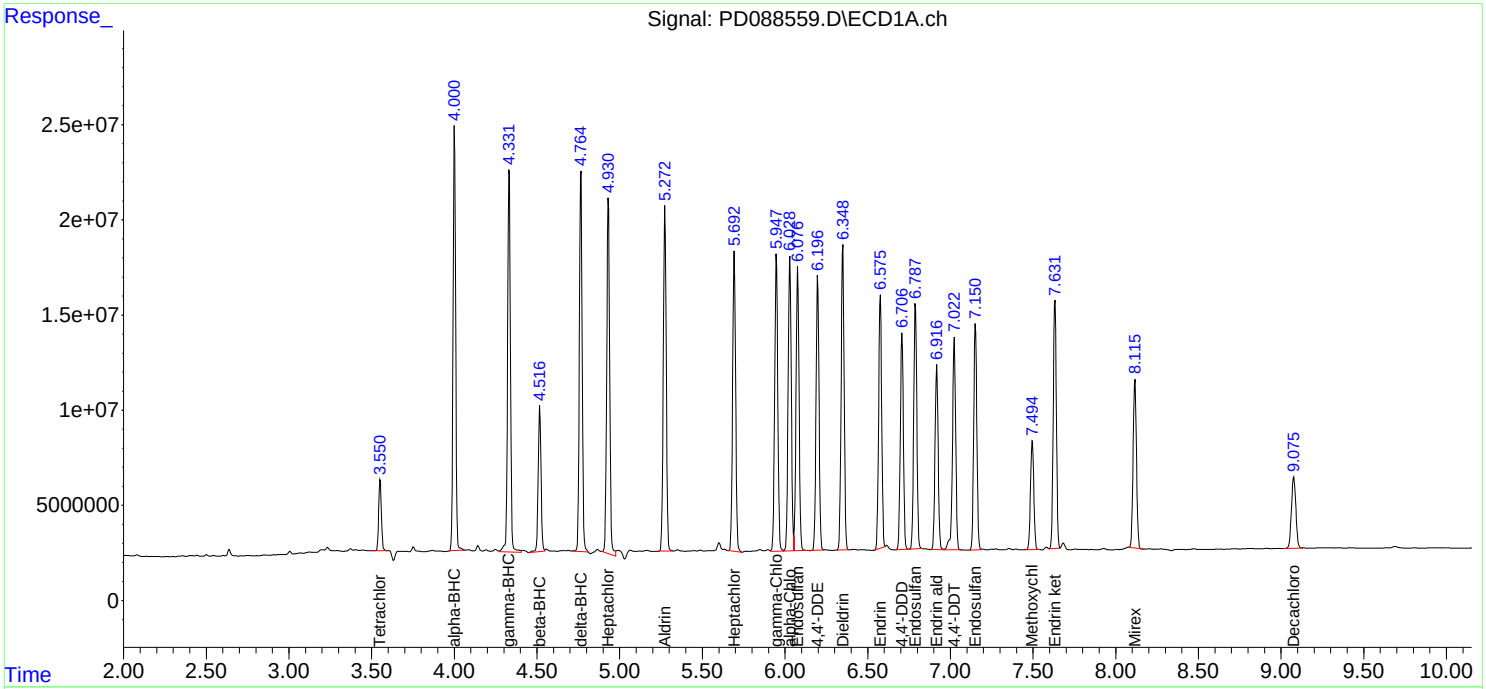
Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

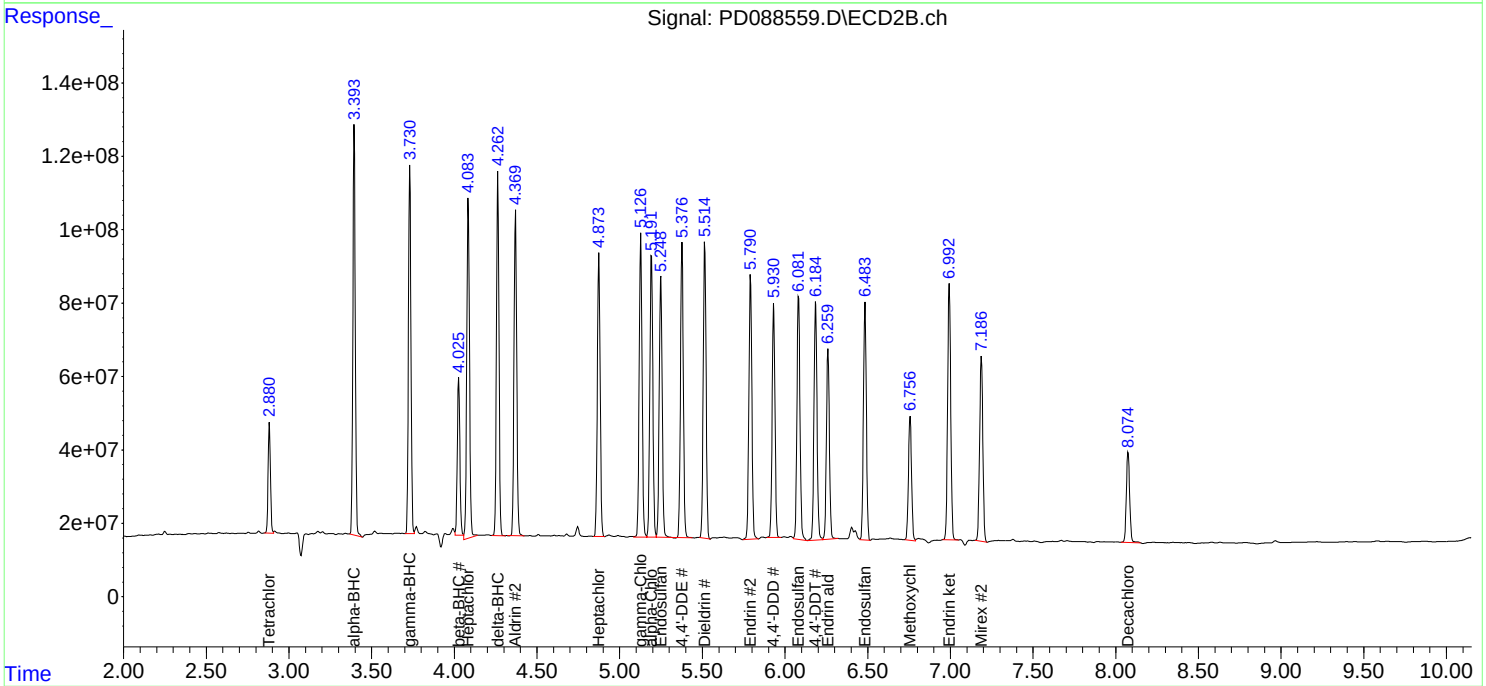
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:17:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 13:05
Operator : AR\AJ
Sample : Q1984-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:18:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.551	2.882	42713352	306.3E6	21.385	20.946
28)	SA	Decachlor...	9.076	8.074	70211275	348.9E6	21.224	18.880
		Target Compounds						
2)	A	alpha-BHC	4.000	3.395	245.5E6	1160.4E6	56.936	50.758
3)	MA	gamma-BHC...	4.331	3.731	242.7E6	1059.7E6	57.961	49.200
4)	MA	Heptachlor	4.931	4.085	238.9E6	1091.4E6	59.160	51.002
5)	MB	Aldrin	5.273	4.370	230.1E6	1039.5E6	58.268	49.969
6)	B	beta-BHC	4.516	4.025	90626662	471.3E6	55.826	50.924m
7)	B	delta-BHC	4.765	4.263	235.8E6	1068.5E6	57.162	50.254
8)	B	Heptachlo...	5.692	4.874	201.8E6	936.3E6	56.477	49.556
9)	A	Endosulfan I	6.076	5.249	192.9E6	893.5E6	57.109	49.602
10)	B	gamma-Chl...	5.947	5.127	204.9E6	1005.2E6	56.566	49.527
11)	B	alpha-Chl...	6.029	5.192	205.3E6	971.4E6	56.866	49.555
12)	B	4,4'-DDE	6.198	5.377	183.2E6	973.8E6	55.551	49.445
13)	MA	Dieldrin	6.349	5.514	206.1E6	991.8E6	57.747	49.759
14)	MA	Endrin	6.576	5.791	168.4E6	904.9E6	56.457	49.711
15)	B	Endosulfa...	6.788	6.082	171.1E6	839.9E6	54.742	47.936
16)	A	4,4'-DDD	6.706	5.932	145.9E6	783.4E6	58.021	47.808
17)	MA	4,4'-DDT	7.023	6.185	154.1E6	829.9E6	55.472	48.773
18)	B	Endrin al...	6.916	6.261	129.0E6	647.3E6	55.900	48.667
19)	B	Endosulfa...	7.151	6.484	159.4E6	826.0E6	55.441	48.209
20)	A	Methoxychlor	7.494	6.757	80457383	437.0E6	53.655	47.911
21)	B	Endrin ke...	7.631	6.993	173.7E6	917.4E6	56.270	49.050
22)		Mirex	8.115	7.187	125.8E6	690.2E6	53.561	46.572

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PD088560.D**

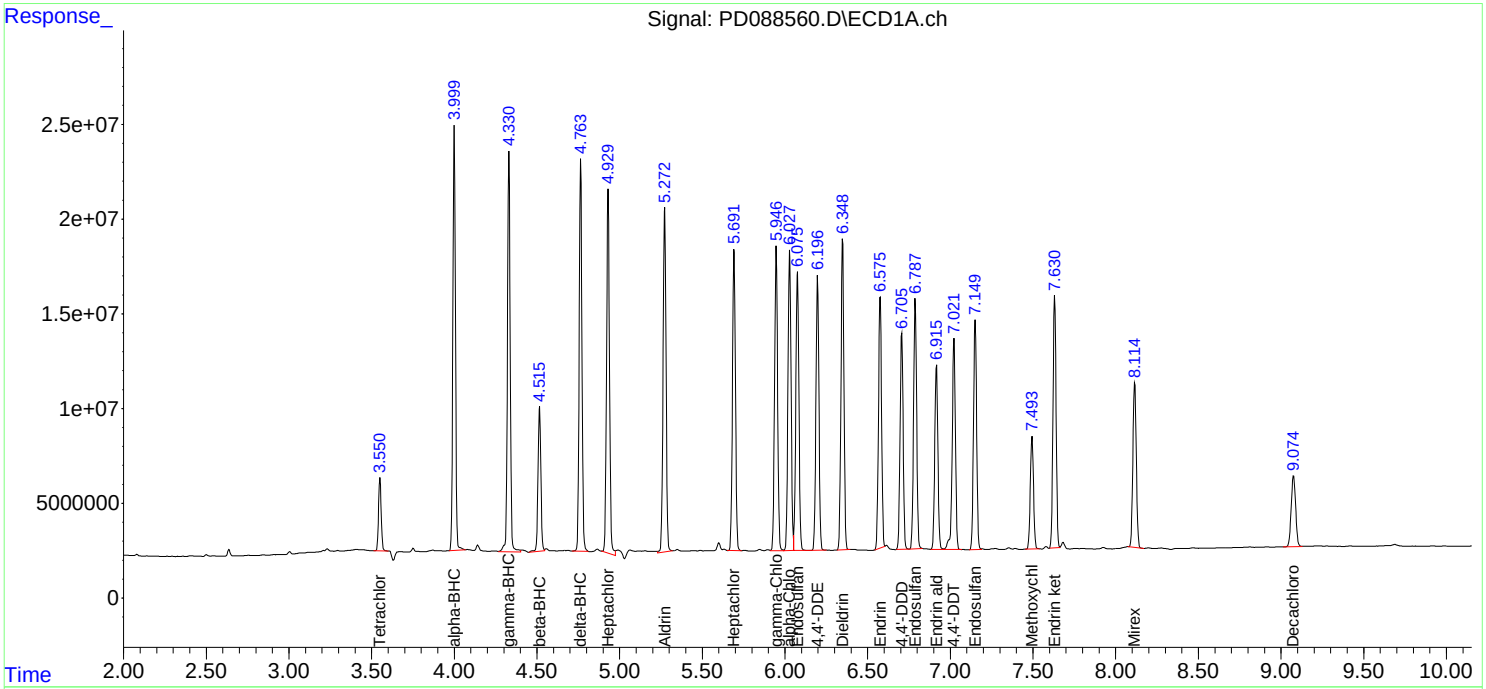
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 13:05
Operator : AR\AJ
Sample : Q1984-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

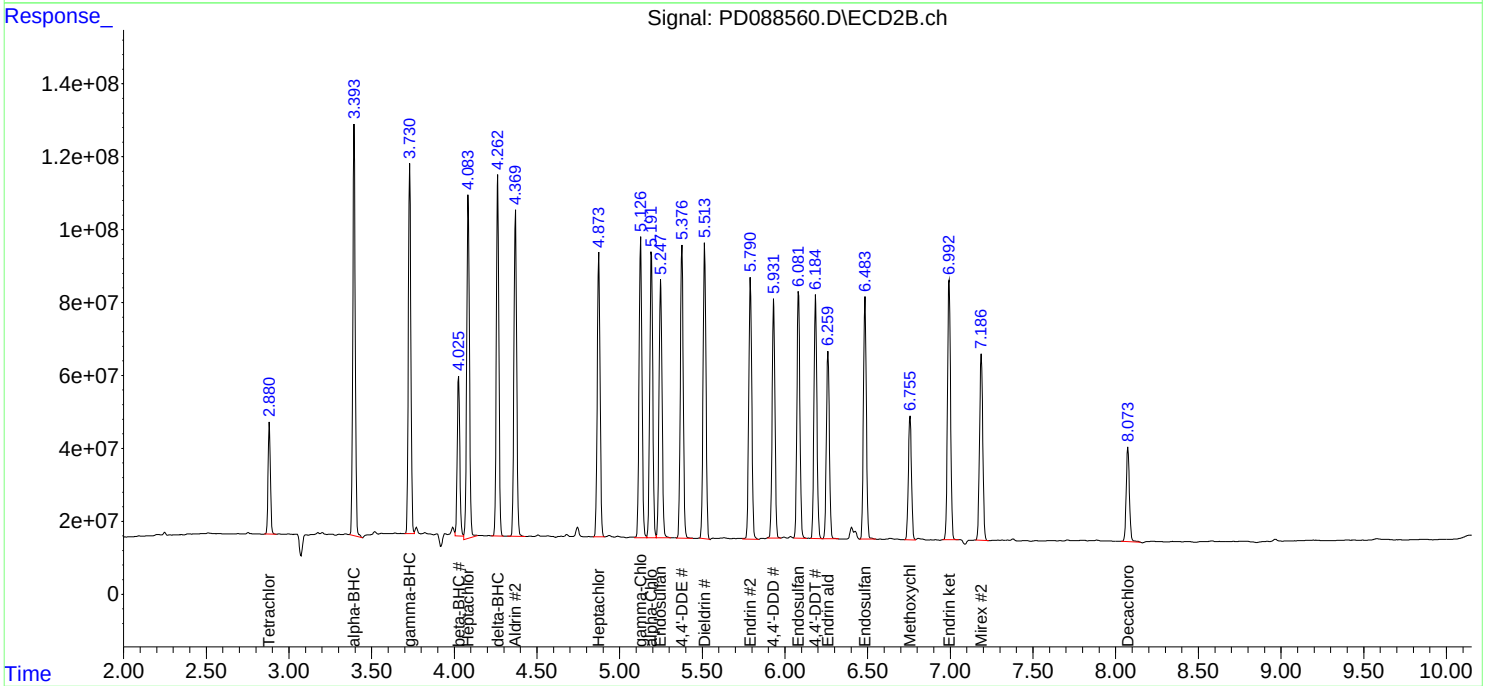
Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:18:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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Manual Integration Report

Sequence:	PD041825	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088122.D	4,4"-DDD #2	Abdul	4/19/2025 2:06:43 PM	mohammad	4/22/2025 2:20:46	Peak Integrated by Software
PSTDICC100	PD088124.D	Heptachlor epoxide #2	Abdul	4/19/2025 2:06:47 PM	mohammad	4/22/2025 2:20:46	Peak Integrated by Software
PSTDICC005	PD088128.D	delta-BHC	Abdul	4/19/2025 2:20:23 PM	mohammad	4/22/2025 2:20:46	Peak Integrated by Software
PEM	PD088143.D	4,4"-DDD	Abdul	4/19/2025 2:07:12 PM	mohammad	4/22/2025 2:20:46	Peak Integrated by Software
PEM	PD088143.D	Endrin aldehyde	Abdul	4/19/2025 2:07:12 PM	mohammad	4/22/2025 2:20:46	Peak Integrated by Software

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Manual Integration Report

Sequence:	PD051325	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088498.D	Endrin ketone	Abdul	5/14/2025 8:32:32 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088499.D	4,4"-DDE #2	Abdul	5/14/2025 8:32:36 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088499.D	Aldrin #2	Abdul	5/14/2025 8:32:36 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088515.D	4,4"-DDE #2	Abdul	5/14/2025 8:32:54 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088515.D	Aldrin #2	Abdul	5/14/2025 8:32:54 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088515.D	gamma-Chlordane	Abdul	5/14/2025 8:32:54 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088524.D	4,4"-DDE #2	Abdul	5/14/2025 8:33:05 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088524.D	Aldrin #2	Abdul	5/14/2025 8:33:05 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088524.D	gamma-Chlordane	Abdul	5/14/2025 8:33:05 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
Q2010-01	PD088528.D	alpha-Chlordane #2	Abdul	5/14/2025 6:33:10 PM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
Q2010-01	PD088528.D	gamma-Chlordane	Abdul	5/14/2025 6:33:10 PM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
Q2010-01	PD088528.D	gamma-Chlordane #2	Abdul	5/14/2025 6:33:10 PM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PEM	PD088536.D	Endrin aldehyde	Abdul	5/14/2025 8:33:27 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	PD051325	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD088537.D	4,4"-DDE #2	Abdul	5/14/2025 8:33:30 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088537.D	Aldrin #2	Abdul	5/14/2025 8:33:30 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088537.D	gamma-Chlordane	Abdul	5/14/2025 8:33:30 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088541.D	4,4"-DDE #2	Abdul	5/14/2025 8:33:35 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088541.D	Aldrin #2	Abdul	5/14/2025 8:33:35 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software
PSTDCCC050	PD088541.D	gamma-Chlordane	Abdul	5/14/2025 8:33:35 AM	mohammad	5/15/2025 3:43:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd051525	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088552.D	4,4"-DDD	Abdul	5/16/2025 10:09:09 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PEM	PD088552.D	Endrin aldehyde	Abdul	5/16/2025 10:09:09 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PEM	PD088552.D	Endrin aldehyde #2	Abdul	5/16/2025 10:09:09 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PEM	PD088552.D	Endrin ketone	Abdul	5/16/2025 10:09:09 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PEM	PD088552.D	Endrin ketone #2	Abdul	5/16/2025 10:09:09 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PTOXCCC500	PD088555.D	Toxaphene-1 #2	Abdul	5/16/2025 10:09:12 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
Q1984-01MS	PD088559.D	Aldrin	Abdul	5/16/2025 10:09:21 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
Q1984-01MS	PD088559.D	beta-BHC #2	Abdul	5/16/2025 10:09:21 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
Q1984-01MSD	PD088560.D	beta-BHC #2	Abdul	5/16/2025 10:09:25 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
I.BLK	PD088565.D	Decachlorobiphenyl	Abdul	5/16/2025 10:09:43 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PSTDCCC050	PD088566.D	4,4"-DDD	Abdul	5/16/2025 10:09:47 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PSTDCCC050	PD088566.D	4,4"-DDE #2	Abdul	5/16/2025 10:09:47 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PSTDCCC050	PD088566.D	Decachlorobiphenyl	Abdul	5/16/2025 10:09:47 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pd051525	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD088566.D	gamma-Chlordane	Abdul	5/16/2025 10:09:47 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PTOXCCC500	PD088568.D	Toxaphene-1 #2	Abdul	5/16/2025 10:09:51 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PTOXCCC500	PD088568.D	Toxaphene-5	Abdul	5/16/2025 10:09:51 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PTOXCCC500	PD088568.D	Toxaphene-5 #2	Abdul	5/16/2025 10:09:51 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
I.BLK	PD088572.D	Decachlorobiphenyl	Abdul	5/16/2025 10:10:09 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software
PSTDCCC050	PD088573.D	Methoxychlor #2	Abdul	5/16/2025 10:10:13 AM	mohammad	5/19/2025 2:36:40	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD041825

Review By	Abdul	Review On	4/19/2025 2:07:56 PM		
Supervise By	mohammad	Supervise On	4/22/2025 2:20:46 AM		
SubDirectory	PD041825	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD088120.D	18 Apr 2025 13:02	AR\AJ	Ok
2	I.BLK	PD088121.D	18 Apr 2025 13:15	AR\AJ	Ok
3	PEM	PD088122.D	18 Apr 2025 13:29	AR\AJ	Ok,M
4	RESCHK	PD088123.D	18 Apr 2025 13:43	AR\AJ	Ok
5	PSTDICC100	PD088124.D	18 Apr 2025 13:56	AR\AJ	Ok,M
6	PSTDICC075	PD088125.D	18 Apr 2025 14:10	AR\AJ	Ok
7	PSTDICC050	PD088126.D	18 Apr 2025 14:24	AR\AJ	Ok
8	PSTDICC025	PD088127.D	18 Apr 2025 14:37	AR\AJ	Ok
9	PSTDICC005	PD088128.D	18 Apr 2025 14:51	AR\AJ	Ok,M
10	PCHLORICC1000	PD088129.D	18 Apr 2025 15:05	AR\AJ	Ok
11	PCHLORICC750	PD088130.D	18 Apr 2025 15:18	AR\AJ	Ok
12	PCHLORICC500	PD088131.D	18 Apr 2025 15:32	AR\AJ	Ok
13	PCHLORICC250	PD088132.D	18 Apr 2025 15:46	AR\AJ	Ok
14	PCHLORICC050	PD088133.D	18 Apr 2025 15:59	AR\AJ	Ok,M
15	PTOXICC1000	PD088134.D	18 Apr 2025 16:13	AR\AJ	Ok,M
16	PTOXICC750	PD088135.D	18 Apr 2025 16:27	AR\AJ	Ok
17	PTOXICC500	PD088136.D	18 Apr 2025 16:40	AR\AJ	Ok
18	PTOXICC250	PD088137.D	18 Apr 2025 16:54	AR\AJ	Ok,M
19	PTOXICC100	PD088138.D	18 Apr 2025 17:08	AR\AJ	Ok,M
20	PSTDICV050	PD088139.D	18 Apr 2025 17:21	AR\AJ	Ok
21	PCHLORICV500	PD088140.D	18 Apr 2025 17:35	AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD041825

Review By	Abdul	Review On	4/19/2025 2:07:56 PM		
Supervise By	mohammad	Supervise On	4/22/2025 2:20:46 AM		
SubDirectory	PD041825	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD088141.D	18 Apr 2025 17:49	AR\AJ	Ok
23	I.BLK	PD088142.D	18 Apr 2025 18:02	AR\AJ	Ok
24	PEM	PD088143.D	18 Apr 2025 18:16	AR\AJ	Ok,M
25	PSTDCCC050	PD088144.D	18 Apr 2025 18:30	AR\AJ	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:43:10 AM		
SubDirectory	PD051325	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD088496.D	13 May 2025 09:14	AR\AJ	Ok
2	I.BLK	PD088497.D	13 May 2025 09:28	AR\AJ	Ok
3	PEM	PD088498.D	13 May 2025 09:41	AR\AJ	Ok,M
4	PSTDCCC050	PD088499.D	13 May 2025 09:55	AR\AJ	Ok,M
5	PB167950BL	PD088500.D	13 May 2025 10:08	AR\AJ	Not Ok
6	Q1982-01	PD088501.D	13 May 2025 10:22	AR\AJ	Ok
7	Q1982-02	PD088502.D	13 May 2025 10:35	AR\AJ	Ok,M
8	Q1982-04	PD088503.D	13 May 2025 10:49	AR\AJ	Ok,NR
9	Q1982-05	PD088504.D	13 May 2025 11:02	AR\AJ	Ok
10	Q1982-07	PD088505.D	13 May 2025 11:16	AR\AJ	Ok,M
11	PB167925BL	PD088506.D	13 May 2025 11:29	AR\AJ	Ok
12	Q1983-01DL	PD088507.D	13 May 2025 11:43	AR\AJ	Ok,M
13	PB167969BL	PD088508.D	13 May 2025 11:57	AR\AJ	Ok
14	PB167969BS	PD088509.D	13 May 2025 12:10	AR\AJ	Ok
15	PB167851TB	PD088510.D	13 May 2025 12:24	AR\AJ	Ok
16	Q1956-05	PD088511.D	13 May 2025 12:37	AR\AJ	Ok
17	Q1956-05MS	PD088512.D	13 May 2025 12:51	AR\AJ	Ok,M
18	Q1956-05MSD	PD088513.D	13 May 2025 13:04	AR\AJ	Ok
19	I.BLK	PD088514.D	13 May 2025 13:18	AR\AJ	Ok
20	PSTDCCC050	PD088515.D	13 May 2025 14:22	AR\AJ	Ok,M
21	Q2007-06	PD088516.D	13 May 2025 14:35	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:43:10 AM		
SubDirectory	PD051325	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2007-12	PD088517.D	13 May 2025 14:49	AR\AJ	Ok,M
23	Q2007-18	PD088518.D	13 May 2025 15:03	AR\AJ	Ok
24	Q2007-24	PD088519.D	13 May 2025 15:16	AR\AJ	Ok
25	Q2007-30	PD088520.D	13 May 2025 15:30	AR\AJ	Ok
26	Q2007-36	PD088521.D	13 May 2025 15:44	AR\AJ	Ok,M
27	PB167925BS	PD088522.D	13 May 2025 16:16	AR\AJ	Ok
28	I.BLK	PD088523.D	13 May 2025 16:35	AR\AJ	Ok
29	PSTDCCC050	PD088524.D	13 May 2025 16:48	AR\AJ	Ok,M
30	PB167959BL	PD088525.D	13 May 2025 17:02	AR\AJ	Ok
31	PB167959BS	PD088526.D	13 May 2025 17:15	AR\AJ	Ok
32	Q1982-08	PD088527.D	13 May 2025 17:29	AR\AJ	Ok,M
33	Q2010-01	PD088528.D	13 May 2025 17:43	AR\AJ	Ok,M
34	Q2010-02	PD088529.D	13 May 2025 17:56	AR\AJ	Ok
35	Q2010-03	PD088530.D	13 May 2025 18:10	AR\AJ	Ok
36	Q2010-04	PD088531.D	13 May 2025 18:24	AR\AJ	Ok
37	Q2014-01	PD088532.D	13 May 2025 18:38	AR\AJ	Ok,M
38	Q2014-03	PD088533.D	13 May 2025 18:51	AR\AJ	Ok,M
39	Q2014-05	PD088534.D	13 May 2025 19:05	AR\AJ	Not Ok
40	I.BLK	PD088535.D	13 May 2025 19:18	AR\AJ	Ok
41	PEM	PD088536.D	13 May 2025 19:32	AR\AJ	Ok,M
42	PSTDCCC050	PD088537.D	13 May 2025 19:46	AR\AJ	Ok,M
43	Q2017-01	PD088538.D	13 May 2025 19:59	AR\AJ	Ok
44	Q2017-05	PD088539.D	13 May 2025 20:13	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:43:10 AM		
SubDirectory	PD051325	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	PD088540.D	13 May 2025 20:27	AR\AJ	Ok
46	PSTDCCC050	PD088541.D	13 May 2025 20:40	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051525

Review By	Abdul	Review On	5/16/2025 10:10:37 AM		
Supervise By	mohammad	Supervise On	5/19/2025 2:36:40 AM		
SubDirectory	PD051525	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD088550.D	15 May 2025 08:34	AR\AJ	Ok
2	I.BLK	PD088551.D	15 May 2025 08:47	AR\AJ	Ok
3	PEM	PD088552.D	15 May 2025 09:18	AR\AJ	Ok,M
4	PSTDCCC050	PD088553.D	15 May 2025 09:32	AR\AJ	Ok
5	PCHLORCCC500	PD088554.D	15 May 2025 09:49	AR\AJ	Ok
6	PTOXCCC500	PD088555.D	15 May 2025 11:06	AR\AJ	Ok,M
7	PB167959BS	PD088556.D	15 May 2025 11:22	AR\AJ	Ok
8	PB167959BS	PD088557.D	15 May 2025 12:17	AR\AJ	Not Ok
9	Q1984-01	PD088558.D	15 May 2025 12:38	AR\AJ	Ok
10	Q1984-01MS	PD088559.D	15 May 2025 12:52	AR\AJ	Ok,M
11	Q1984-01MSD	PD088560.D	15 May 2025 13:05	AR\AJ	Ok,M
12	Q1984-03	PD088561.D	15 May 2025 13:19	AR\AJ	Ok
13	Q1984-05	PD088562.D	15 May 2025 13:33	AR\AJ	Ok
14	Q1984-07	PD088563.D	15 May 2025 13:46	AR\AJ	Ok,M
15	Q1984-09	PD088564.D	15 May 2025 14:00	AR\AJ	ReRun
16	I.BLK	PD088565.D	15 May 2025 14:14	AR\AJ	Ok,M
17	PSTDCCC050	PD088566.D	15 May 2025 15:11	AR\AJ	Ok,M
18	PCHLORCCC500	PD088567.D	15 May 2025 15:59	AR\AJ	Ok
19	PTOXCCC500	PD088568.D	15 May 2025 17:54	AR\AJ	Not Ok
20	Q1984-11	PD088569.D	15 May 2025 18:08	AR\AJ	ReRun
21	Q1984-13	PD088570.D	15 May 2025 18:22	AR\AJ	ReRun

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051525

Review By	Abdul	Review On	5/16/2025 10:10:37 AM		
Supervise By	mohammad	Supervise On	5/19/2025 2:36:40 AM		
SubDirectory	PD051525	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1984-15	PD088571.D	15 May 2025 18:35	AR\AJ	ReRun
23	I.BLK	PD088572.D	15 May 2025 18:49	AR\AJ	Ok,M
24	PSTDCCC050	PD088573.D	15 May 2025 19:02	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD041825

Review By	Abdul	Review On	4/19/2025 2:07:56 PM		
Supervise By	mohammad	Supervise On	4/22/2025 2:20:46 AM		
SubDirectory	PD041825	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD088120.D	18 Apr 2025 13:02		AR\AJ	Ok
2	I.BLK	I.BLK	PD088121.D	18 Apr 2025 13:15		AR\AJ	Ok
3	PEM	PEM	PD088122.D	18 Apr 2025 13:29		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD088123.D	18 Apr 2025 13:43		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD088124.D	18 Apr 2025 13:56		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PD088125.D	18 Apr 2025 14:10		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD088126.D	18 Apr 2025 14:24		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD088127.D	18 Apr 2025 14:37		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD088128.D	18 Apr 2025 14:51		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD088129.D	18 Apr 2025 15:05		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD088130.D	18 Apr 2025 15:18		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD088131.D	18 Apr 2025 15:32		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD088132.D	18 Apr 2025 15:46		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD088133.D	18 Apr 2025 15:59		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD088134.D	18 Apr 2025 16:13		AR\AJ	Ok,M
16	PTOXICC750	PTOXICC750	PD088135.D	18 Apr 2025 16:27		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD088136.D	18 Apr 2025 16:40		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD088137.D	18 Apr 2025 16:54		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD041825

Review By	Abdul	Review On	4/19/2025 2:07:56 PM		
Supervise By	mohammad	Supervise On	4/22/2025 2:20:46 AM		
SubDirectory	PD041825	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD088138.D	18 Apr 2025 17:08		AR\AJ	Ok,M
20	PSTDICV050	ICVPD041825	PD088139.D	18 Apr 2025 17:21		AR\AJ	Ok
21	PCHLORICV500	ICVPD041825CHLOR	PD088140.D	18 Apr 2025 17:35		AR\AJ	Ok
22	PTOXICV500	ICVPD041825TOX	PD088141.D	18 Apr 2025 17:49		AR\AJ	Ok
23	I.BLK	I.BLK	PD088142.D	18 Apr 2025 18:02		AR\AJ	Ok
24	PEM	PEM	PD088143.D	18 Apr 2025 18:16		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD088144.D	18 Apr 2025 18:30	ccc high	AR\AJ	Not Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:43:10 AM		
SubDirectory	PD051325	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD088496.D	13 May 2025 09:14		AR\AJ	Ok
2	I.BLK	I.BLK	PD088497.D	13 May 2025 09:28		AR\AJ	Ok
3	PEM	PEM	PD088498.D	13 May 2025 09:41		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD088499.D	13 May 2025 09:55		AR\AJ	Ok,M
5	PB167950BL	PB167950BL	PD088500.D	13 May 2025 10:08	Not used	AR\AJ	Not Ok
6	Q1982-01	TP-1	PD088501.D	13 May 2025 10:22		AR\AJ	Ok
7	Q1982-02	TP-2B	PD088502.D	13 May 2025 10:35		AR\AJ	Ok,M
8	Q1982-04	TP-4	PD088503.D	13 May 2025 10:49		AR\AJ	Ok,NR
9	Q1982-05	TP-5	PD088504.D	13 May 2025 11:02		AR\AJ	Ok
10	Q1982-07	TP-8	PD088505.D	13 May 2025 11:16		AR\AJ	Ok,M
11	PB167925BL	PB167925BL	PD088506.D	13 May 2025 11:29		AR\AJ	Ok
12	Q1983-01DL	OR-636-COMP-01DL	PD088507.D	13 May 2025 11:43		AR\AJ	Ok,M
13	PB167969BL	PB167969BL	PD088508.D	13 May 2025 11:57		AR\AJ	Ok
14	PB167969BS	PB167969BS	PD088509.D	13 May 2025 12:10		AR\AJ	Ok
15	PB167851TB	PB167851TB	PD088510.D	13 May 2025 12:24		AR\AJ	Ok
16	Q1956-05	COMP1	PD088511.D	13 May 2025 12:37		AR\AJ	Ok
17	Q1956-05MS	COMP1MS	PD088512.D	13 May 2025 12:51		AR\AJ	Ok,M
18	Q1956-05MSD	COMP1MSD	PD088513.D	13 May 2025 13:04		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:43:10 AM		
SubDirectory	PD051325	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	PD088514.D	13 May 2025 13:18		AR\AJ	Ok
20	PSTDCCC050	PSTDCCC050	PD088515.D	13 May 2025 14:22		AR\AJ	Ok,M
21	Q2007-06	OR-636-COMP-10	PD088516.D	13 May 2025 14:35		AR\AJ	Ok
22	Q2007-12	OR-636-COMP-11	PD088517.D	13 May 2025 14:49		AR\AJ	Ok,M
23	Q2007-18	OR-636-COMP-12	PD088518.D	13 May 2025 15:03		AR\AJ	Ok
24	Q2007-24	OR-636-COMP-13	PD088519.D	13 May 2025 15:16		AR\AJ	Ok
25	Q2007-30	OR-636-COMP-14	PD088520.D	13 May 2025 15:30		AR\AJ	Ok
26	Q2007-36	OR-636-COMP-15	PD088521.D	13 May 2025 15:44		AR\AJ	Ok,M
27	PB167925BS	PB167925BS	PD088522.D	13 May 2025 16:16		AR\AJ	Ok
28	I.BLK	I.BLK	PD088523.D	13 May 2025 16:35		AR\AJ	Ok
29	PSTDCCC050	PSTDCCC050	PD088524.D	13 May 2025 16:48		AR\AJ	Ok,M
30	PB167959BL	PB167959BL	PD088525.D	13 May 2025 17:02		AR\AJ	Ok
31	PB167959BS	PB167959BS	PD088526.D	13 May 2025 17:15		AR\AJ	Ok
32	Q1982-08	TP-9	PD088527.D	13 May 2025 17:29		AR\AJ	Ok,M
33	Q2010-01	TP-10	PD088528.D	13 May 2025 17:43		AR\AJ	Ok,M
34	Q2010-02	TP-13	PD088529.D	13 May 2025 17:56		AR\AJ	Ok
35	Q2010-03	TP-14	PD088530.D	13 May 2025 18:10		AR\AJ	Ok
36	Q2010-04	TP-17	PD088531.D	13 May 2025 18:24		AR\AJ	Ok
37	Q2014-01	MOO-25-0134	PD088532.D	13 May 2025 18:38		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM		
Supervise By	mohammad	Supervise On	5/15/2025 3:43:10 AM		
SubDirectory	PD051325	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2014-03	MOO-25-0145	PD088533.D	13 May 2025 18:51		AR\AJ	Ok,M
39	Q2014-05	MOO-25-0148	PD088534.D	13 May 2025 19:05	F flag in TCX	AR\AJ	Not Ok
40	I.BLK	I.BLK	PD088535.D	13 May 2025 19:18		AR\AJ	Ok
41	PEM	PEM	PD088536.D	13 May 2025 19:32		AR\AJ	Ok,M
42	PSTDCCC050	PSTDCCC050	PD088537.D	13 May 2025 19:46		AR\AJ	Ok,M
43	Q2017-01	MH-I	PD088538.D	13 May 2025 19:59		AR\AJ	Ok
44	Q2017-05	MH-J	PD088539.D	13 May 2025 20:13		AR\AJ	Ok
45	I.BLK	I.BLK	PD088540.D	13 May 2025 20:27		AR\AJ	Ok
46	PSTDCCC050	PSTDCCC050	PD088541.D	13 May 2025 20:40		AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051525

Review By	Abdul	Review On	5/16/2025 10:10:37 AM		
Supervise By	mohammad	Supervise On	5/19/2025 2:36:40 AM		
SubDirectory	PD051525	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD088550.D	15 May 2025 08:34		AR\AJ	Ok
2	I.BLK	I.BLK	PD088551.D	15 May 2025 08:47		AR\AJ	Ok
3	PEM	PEM	PD088552.D	15 May 2025 09:18		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD088553.D	15 May 2025 09:32		AR\AJ	Ok
5	PCHLORCCC500	PCHLORCCC500	PD088554.D	15 May 2025 09:49		AR\AJ	Ok
6	PTOXCCC500	PTOXCCC500	PD088555.D	15 May 2025 11:06		AR\AJ	Ok,M
7	PB167959BS	PB167959BS	PD088556.D	15 May 2025 11:22	CHLOR BS	AR\AJ	Ok
8	PB167959BS	PB167959BS	PD088557.D	15 May 2025 12:17	TOX BS, ENC ccal fail	AR\AJ	Not Ok
9	Q1984-01	OU4-PCS-TC-33-05072	PD088558.D	15 May 2025 12:38		AR\AJ	Ok
10	Q1984-01MS	OU4-PCS-TC-33-05072	PD088559.D	15 May 2025 12:52		AR\AJ	Ok,M
11	Q1984-01MSD	OU4-PCS-TC-33-05072	PD088560.D	15 May 2025 13:05		AR\AJ	Ok,M
12	Q1984-03	OU4-PCS-TC-34-05072	PD088561.D	15 May 2025 13:19		AR\AJ	Ok
13	Q1984-05	OU4-PCS-TC-35-05072	PD088562.D	15 May 2025 13:33		AR\AJ	Ok
14	Q1984-07	OU4-TS-24-050725	PD088563.D	15 May 2025 13:46		AR\AJ	Ok,M
15	Q1984-09	OU4-TS-25-050725	PD088564.D	15 May 2025 14:00	DCB Low in both column	AR\AJ	ReRun
16	I.BLK	I.BLK	PD088565.D	15 May 2025 14:14		AR\AJ	Ok,M
17	PSTDCCC050	PSTDCCC050	PD088566.D	15 May 2025 15:11		AR\AJ	Ok,M
18	PCHLORCCC500	PCHLORCCC500	PD088567.D	15 May 2025 15:59		AR\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD051525

Review By	Abdul	Review On	5/16/2025 10:10:37 AM		
Supervise By	mohammad	Supervise On	5/19/2025 2:36:40 AM		
SubDirectory	PD051525	HP Acquire Method		HP Processing Method	pd041825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXCCC500	PTOXCCC500	PD088568.D	15 May 2025 17:54	CCAL fail	AR\AJ	Not Ok
20	Q1984-11	OU4-TS-26-050725	PD088569.D	15 May 2025 18:08	DCB Low in both column	AR\AJ	ReRun
21	Q1984-13	OU4-TS-27-050725	PD088570.D	15 May 2025 18:22	DCB Low in both column	AR\AJ	ReRun
22	Q1984-15	OU4-TS-28-050725	PD088571.D	15 May 2025 18:35	DCB Low in both column	AR\AJ	ReRun
23	I.BLK	I.BLK	PD088572.D	15 May 2025 18:49		AR\AJ	Ok,M
24	PSTDCCC050	PSTDCCC050	PD088573.D	15 May 2025 19:02	Comp#2 high in 1st column	AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167959

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	05/13/2025
Matrix :	Solid			**Extraction Start Time :**	08:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	05/13/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:40
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24285
Surrogate	1.0ML	200 PPB	PP24460
Spike Sol 2	2.0ML	1000 PPB	PP24081
Spike Sol 3	2.0ML	1000 PPB	PP24080
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2613
Baked Na2SO4	N/A	EP2611
Sand	N/A	E2865
Hexane	N/A	E3933
Florisil	N/A	E3806
9:1 Hexane:Acetone Mixture	N/A	EP2596
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/13/25	RJ (Ext-lab)	AR Pest/PCB Lab
11:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167959

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 05/13/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167959BL	PBLK959	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			U1-1
PB167959BS	PLCS959	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
Q1982-08	TP-9	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		3
Q1984-01	OU4-PCS-TC-33-050725	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		4
Q1984-01MS	OU4-PCS-TC-33-050725MS	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		5
Q1984-01MSD	OU4-PCS-TC-33-050725MSD	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		6
Q1984-03	OU4-PCS-TC-34-050725	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		U2-1
Q1984-05	OU4-PCS-TC-35-050725	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		2
Q1984-07	OU4-TS-24-050725	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		3
Q1984-09	OU4-TS-25-050725	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		4
Q1984-11	OU4-TS-26-050725	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		5
Q1984-13	OU4-TS-27-050725	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		6
Q1984-15	OU4-TS-28-050725	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		U3-1
Q2010-01	TP-10	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		2
Q2010-02	TP-13	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E		3
Q2010-03	TP-14	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		4
Q2010-04	TP-17	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		5
Q2014-01	MOO-25-0134	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E	Small Particles	6
Q2014-03	MOO-25-0145	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E	Small Particles	U7-1
Q2014-05	MOO-25-0148	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E	Small Particles	2
Q2017-01	MH-I	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		3
Q2017-05	MH-J	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	A		4

RJ 5/13

* **Extracts relinquished on the same date as received.**

167959 8:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2010 **WorkList ID :** 189474 **Department :** Extraction **Date :** 05-13-2025 08:25:45

RS 5/16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1982-08	TP-9	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/07/2025	8081B
Q1984-01	OU4-PCS-TC-33-050725	Solid	Pesticide-TCL	Cool 4 deg C	NOBI03	L41	05/07/2025	8081B
Q1984-03	OU4-PCS-TC-34-050725	Solid	Pesticide-TCL	Cool 4 deg C	NOBI03	L41	05/07/2025	8081B
Q1984-05	OU4-PCS-TC-35-050725	Solid	Pesticide-TCL	Cool 4 deg C	NOBI03	L41	05/07/2025	8081B
Q1984-07	OU4-TS-24-050725	Solid	Pesticide-TCL	Cool 4 deg C	NOBI03	L41	05/07/2025	8081B
Q1984-09	OU4-TS-25-050725	Solid	Pesticide-TCL	Cool 4 deg C	NOBI03	L41	05/07/2025	8081B
Q1984-11	OU4-TS-26-050725	Solid	Pesticide-TCL	Cool 4 deg C	NOBI03	L41	05/07/2025	8081B
Q1984-13	OU4-TS-27-050725	Solid	Pesticide-TCL	Cool 4 deg C	NOBI03	L41	05/07/2025	8081B
Q1984-15	OU4-TS-28-050725	Solid	Pesticide-TCL	Cool 4 deg C	NOBI03	L41	05/07/2025	8081B
Q2010-01	TP-10	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L51	05/08/2025	8081B
Q2010-02	TP-13	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L51	05/08/2025	8081B
Q2010-03	TP-14	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L51	05/08/2025	8081B
Q2010-04	TP-17	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L51	05/08/2025	8081B
Q2014-01	MOO-25-0134	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/12/2025	8081B
Q2014-03	MOO-25-0145	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/12/2025	8081B
Q2014-05	MOO-25-0148	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/12/2025	8081B
Q2017-01	MH-I	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/12/2025	8081B
Q2017-05	MH-J	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/12/2025	8081B

Date/Time 5/13/25 8:25
Raw Sample Received by: RJ (EA Labs)
Raw Sample Relinquished by: CP SM

Date/Time 5/13/25 9:05
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (EA Labs)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2010	**OrderDate:**	5/9/2025 4:00:00 PM
Client:	CDM Smith	**Project:**	South River WM Replacement
Contact:	Marcie Ann Encinas	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2010-01	**TP-10**	**SOIL**			**05/08/25**			**05/09/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/14/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/13/25	
Q2010-02	**TP-13**	**SOIL**			**05/08/25**			**05/09/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/14/25	
			PCB	8082A		05/14/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/13/25	
Q2010-03	**TP-14**	**SOIL**			**05/08/25**			**05/09/25**
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/14/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/13/25	
Q2010-04	**TP-17**	**SOIL**			**05/08/25**			**05/09/25**
			Diesel Range Organics	8015D		05/13/25	05/14/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/14/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/13/25	