

Hit Summary Sheet
SW-846

SDG No.: Q1982

Order ID: Q1982

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-8								
Q1982-07	TP-8	SOIL	alpha-Chlordane	2.20	P	0.14	2.00	ug/kg
Q1982-07	TP-8	SOIL	gamma-Chlordane	2.30		0.18	2.00	ug/kg
Total Concentration:				4.500				
Client ID : TP-9								
Q1982-08	TP-9	SOIL	Dieldrin	0.77	JP	0.17	2.10	ug/kg
Q1982-08	TP-9	SOIL	alpha-Chlordane	1.70	JP	0.15	2.10	ug/kg
Q1982-08	TP-9	SOIL	gamma-Chlordane	2.00	J	0.18	2.10	ug/kg
Total Concentration:				4.470				



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1	SDG No.:	Q1982
Lab Sample ID:	Q1982-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.9
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088501.D	1	05/12/25 09:05	05/13/25 10:22	PB167950

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	0.23	U	0.23	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	0.23	U	0.23	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	40.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.4		20 - 144	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		19 - 148	92%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1	SDG No.:	Q1982
Lab Sample ID:	Q1982-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.9
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	10000
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Test:	Pesticide-TCL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088501.D	1	05/12/25 09:05	05/13/25 10:22	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-2B	SDG No.:	Q1982
Lab Sample ID:	Q1982-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85 Decanted:
Sample Wt/Vol:	30.1 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
PD088502.D	1	05/12/25 09:05	05/13/25 10:35	PB167950

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)	0.16	U	0.16	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	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	2.00	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	2.00	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.00	ug/kg
72-20-8	Endrin	0.16	U	0.16	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	0.16	U	0.16	2.00	ug/kg
72-43-5	Methoxychlor	0.43	U	0.43	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	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	6.30	U	6.30	38.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.8		20 - 144	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		19 - 148	100%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-2B	SDG No.:	Q1982
Lab Sample ID:	Q1982-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85 Decanted:
Sample Wt/Vol:	30.1 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
PD088502.D	1	05/12/25 09:05	05/13/25 10:35	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3	SDG No.:	Q1982
Lab Sample ID:	Q1982-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.7 Decanted:
Sample Wt/Vol:	30.08 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
PD088489.D	1	05/12/25 09:05	05/12/25 20:44	PB167950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.90	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.90	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.90	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.90	ug/kg
8001-35-2	Toxaphene	5.90	U	5.90	36.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.6		20 - 144	113%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.2		19 - 148	111%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3	SDG No.:	Q1982
Lab Sample ID:	Q1982-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.7 Decanted:
Sample Wt/Vol:	30.08 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
PD088489.D	1	05/12/25 09:05	05/12/25 20:44	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-4	SDG No.:	Q1982
Lab Sample ID:	Q1982-04	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088503.D	1	05/12/25 09:05	05/13/25 10:49	PB167950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	1.90	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	1.90	ug/kg
319-86-8	delta-BHC	0.45	U	0.45	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	1.90	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	1.90	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	1.90	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	1.90	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	1.90	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	1.90	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.20	U	6.20	37.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.7		20 - 144	58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.0		19 - 148	70%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-4	SDG No.:	Q1982
Lab Sample ID:	Q1982-04	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088503.D	1	05/12/25 09:05	05/13/25 10:49	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-5	SDG No.:	Q1982
Lab Sample ID:	Q1982-05	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9 Decanted:
Sample Wt/Vol:	30.06 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
PD088504.D	1	05/12/25 09:05	05/13/25 11:02	PB167950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	1.90	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	1.90	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.00	U	6.00	36.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.8		20 - 144	74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.8		19 - 148	114%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-5	SDG No.:	Q1982
Lab Sample ID:	Q1982-05	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088504.D	1	05/12/25 09:05	05/13/25 11:02	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-6	SDG No.:	Q1982
Lab Sample ID:	Q1982-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088492.D	1	05/12/25 09:05	05/12/25 21:25	PB167950

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	0.45	U	0.45	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	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	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	2.00	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	2.00	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.00	ug/kg
72-20-8	Endrin	0.16	U	0.16	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	2.00	ug/kg
72-43-5	Methoxychlor	0.43	U	0.43	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	2.00	ug/kg
8001-35-2	Toxaphene	6.30	U	6.30	38.2	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		20 - 144	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		19 - 148	103%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-6	SDG No.:	Q1982
Lab Sample ID:	Q1982-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088492.D	1	05/12/25 09:05	05/12/25 21:25	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-8	SDG No.:	Q1982
Lab Sample ID:	Q1982-07	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.7 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
PD088505.D	1	05/12/25 09:05	05/13/25 11:16	PB167950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.16	U	0.16	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	0.35	U	0.35	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	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	2.20	P	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	2.30		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	39.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.4		20 - 144	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		19 - 148	100%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-8	SDG No.:	Q1982
Lab Sample ID:	Q1982-07	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088505.D	1	05/12/25 09:05	05/13/25 11:16	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9	SDG No.:	Q1982
Lab Sample ID:	Q1982-08	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	81.3 Decanted:
Sample Wt/Vol:	30.04 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
PD088527.D	1	05/13/25 08:30	05/13/25 17:29	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	0.23	U	0.23	2.10	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.77	JP	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	0.18	U	0.18	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	0.45	U	0.45	2.10	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.10	ug/kg
7421-93-4	Endrin aldehyde	0.45	U	0.45	2.10	ug/kg
5103-71-9	alpha-Chlordane	1.70	JP	0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	2.00	J	0.18	2.10	ug/kg
8001-35-2	Toxaphene	6.60	U	6.60	40.5	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		20 - 144	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.2		19 - 148	101%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9	SDG No.:	Q1982
Lab Sample ID:	Q1982-08	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	81.3 Decanted:
Sample Wt/Vol:	30.04 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
PD088527.D	1	05/13/25 08:30	05/13/25 17:29	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



QC SUMMARY

Surrogate Summary

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	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-PD088462.D	PIBLK-PD088462.D	Decachlorobiphenyl	1	20	19.4	97		43	140
		Tetrachloro-m-xylene	1	20	17.6	88		77	126
		Decachlorobiphenyl	2	20	17.3	86		43	140
		Tetrachloro-m-xylene	2	20	16.8	84		77	126
PB167950BL	PB167950BL	Decachlorobiphenyl	1	20	21.1	106		20	144
		Tetrachloro-m-xylene	1	20	18.5	93		19	148
		Decachlorobiphenyl	2	20	18.9	95		20	144
		Tetrachloro-m-xylene	2	20	18.3	91		19	148
PB167950BS	PB167950BS	Decachlorobiphenyl	1	20	21.6	108		20	144
		Tetrachloro-m-xylene	1	20	18.8	94		19	148
		Decachlorobiphenyl	2	20	19.3	96		20	144
		Tetrachloro-m-xylene	2	20	19.1	96		19	148
I.BLK-PD088474.D	PIBLK-PD088474.D	Decachlorobiphenyl	1	20	19.2	96		43	140
		Tetrachloro-m-xylene	1	20	17.6	88		77	126
		Decachlorobiphenyl	2	20	16.8	84		43	140
		Tetrachloro-m-xylene	2	20	16.8	84		77	126
I.BLK-PD088482.D	PIBLK-PD088482.D	Decachlorobiphenyl	1	20	19.5	97		43	140
		Tetrachloro-m-xylene	1	20	17.6	88		77	126
		Decachlorobiphenyl	2	20	17.3	86		43	140
		Tetrachloro-m-xylene	2	20	16.6	83		77	126
Q1982-01MS	TP-1MS	Decachlorobiphenyl	1	20	20.2	101		20	144
		Tetrachloro-m-xylene	1	20	19.3	97		19	148
		Decachlorobiphenyl	2	20	17.4	87		20	144
		Tetrachloro-m-xylene	2	20	18.9	95		19	148
Q1982-01MSD	TP-1MSD	Decachlorobiphenyl	1	20	20.0	100		20	144
		Tetrachloro-m-xylene	1	20	19.5	97		19	148
		Decachlorobiphenyl	2	20	17.4	87		20	144
		Tetrachloro-m-xylene	2	20	19.1	96		19	148
Q1982-03	TP-3	Decachlorobiphenyl	1	20	22.6	113		20	144
		Tetrachloro-m-xylene	1	20	22.2	111		19	148
		Decachlorobiphenyl	2	20	19.7	98		20	144
		Tetrachloro-m-xylene	2	20	21.1	106		19	148
Q1982-06	TP-6	Decachlorobiphenyl	1	20	17.6	88		20	144
		Tetrachloro-m-xylene	1	20	20.7	103		19	148
		Decachlorobiphenyl	2	20	13.1	66		20	144
		Tetrachloro-m-xylene	2	20	19.9	99		19	148
I.BLK-PD088494.D	PIBLK-PD088494.D	Decachlorobiphenyl	1	20	18.3	92		43	140

Surrogate Summary

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PD088494.D	PIBLK-PD088494.D	Tetrachloro-m-xylene	1	20	18.0	90		77	126
		Decachlorobiphenyl	2	20	13.9	70		43	140
I.BLK-PD088497.D	PIBLK-PD088497.D	Tetrachloro-m-xylene	2	20	17.3	87		77	126
		Decachlorobiphenyl	1	20	19.7	99		43	140
		Tetrachloro-m-xylene	1	20	18.5	92		77	126
		Decachlorobiphenyl	2	20	17.4	87		43	140
		Tetrachloro-m-xylene	2	20	17.6	88		77	126
Q1982-01	TP-1	Decachlorobiphenyl	1	20	16.4	82		20	144
		Tetrachloro-m-xylene	1	20	18.4	92		19	148
		Decachlorobiphenyl	2	20	14.3	72		20	144
		Tetrachloro-m-xylene	2	20	17.5	88		19	148
Q1982-02	TP-2B	Decachlorobiphenyl	1	20	17.8	89		20	144
		Tetrachloro-m-xylene	1	20	20.0	100		19	148
		Decachlorobiphenyl	2	20	15.4	77		20	144
		Tetrachloro-m-xylene	2	20	18.8	94		19	148
Q1982-04	TP-4	Decachlorobiphenyl	1	20	11.7	58		20	144
		Tetrachloro-m-xylene	1	20	14.0	70		19	148
		Decachlorobiphenyl	2	20	9.23	46		20	144
		Tetrachloro-m-xylene	2	20	13.5	67		19	148
Q1982-05	TP-5	Decachlorobiphenyl	1	20	14.8	74		20	144
		Tetrachloro-m-xylene	1	20	22.8	114		19	148
		Decachlorobiphenyl	2	20	11.1	56		20	144
		Tetrachloro-m-xylene	2	20	19.1	95		19	148
Q1982-07	TP-8	Decachlorobiphenyl	1	20	17.4	87		20	144
		Tetrachloro-m-xylene	1	20	20.0	100		19	148
		Decachlorobiphenyl	2	20	13.1	66		20	144
		Tetrachloro-m-xylene	2	20	18.9	95		19	148
I.BLK-PD088514.D	PIBLK-PD088514.D	Decachlorobiphenyl	1	20	18.7	94		43	140
		Tetrachloro-m-xylene	1	20	18.1	90		77	126
		Decachlorobiphenyl	2	20	15.7	79		43	140
		Tetrachloro-m-xylene	2	20	16.9	85		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

Surrogate Summary

SDG No.: **Q1982**

Client: **CDM Smith**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
PB167959BS	PB167959BS	Decachlorobiphenyl	2	20	20.6	103		20	144
		Tetrachloro-m-xylene	2	20	21.3	106		19	148
Q1982-08	TP-9	Decachlorobiphenyl	1	20	20.0	100		20	144
		Tetrachloro-m-xylene	1	20	20.2	101		19	148
		Decachlorobiphenyl	2	20	15.1	75		20	144
		Tetrachloro-m-xylene	2	20	18.9	95		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
		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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q1982	Analytical Method:	8081B
Client:	CDM Smith	DataFile :	PD088486.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1982-01MS (Column 1)	TP-1MS											
	alpha-BHC	20.58	0	21.2	ug/kg	103				60	144	
	beta-BHC	20.58	0	20.6	ug/kg	100				54	143	
	delta-BHC	20.58	0	22.8	ug/kg	111				29	151	
	gamma-BHC (Lindane)	20.58	0	21.2	ug/kg	103				61	140	
	Heptachlor	20.58	0	22.0	ug/kg	107				63	135	
	Aldrin	20.58	0	21.8	ug/kg	106				49	139	
	Heptachlor epoxide	20.58	0	21.8	ug/kg	106				41	156	
	Endosulfan I	20.58	0	21.8	ug/kg	106				56	142	
	Dieldrin	20.58	0	22.0	ug/kg	107				47	161	
	4,4'-DDE	20.58	0	21.3	ug/kg	103				55	136	
	Endrin	20.58	0	21.8	ug/kg	106				57	139	
	Endosulfan II	20.58	0	21.1	ug/kg	103				40	163	
	4,4'-DDD	20.58	0	22.1	ug/kg	107				47	163	
	Endosulfan sulfate	20.58	0	21.5	ug/kg	104				62	139	
	4,4'-DDT	20.58	0	22.4	ug/kg	109				51	146	
	Methoxychlor	20.58	0	21.4	ug/kg	104				54	136	
	Endrin ketone	20.58	0	21.6	ug/kg	105				60	129	
	Endrin aldehyde	20.58	0	21.3	ug/kg	103				59	132	
	alpha-Chlordane	20.58	0	21.6	ug/kg	105				39	166	
	gamma-Chlordane	20.58	0	21.3	ug/kg	103				44	175	
Client Sample ID: Q1982-01MS (Column 2)	TP-1MS											
	alpha-BHC	20.58	0	19.2	ug/kg	93				60	144	
	beta-BHC	20.58	0	18.8	ug/kg	91				54	143	
	delta-BHC	20.58	0	18.9	ug/kg	92				29	151	
	gamma-BHC (Lindane)	20.58	0	18.7	ug/kg	91				61	140	
	Heptachlor	20.58	0	18.7	ug/kg	91				63	135	
	Aldrin	20.58	0	19.3	ug/kg	94				49	139	
	Heptachlor epoxide	20.58	0	18.2	ug/kg	88				41	156	
	Endosulfan I	20.58	0	18.5	ug/kg	90				56	142	
	Dieldrin	20.58	0	18.4	ug/kg	89				47	161	
	4,4'-DDE	20.58	0	18.4	ug/kg	89				55	136	
	Endrin	20.58	0	18.7	ug/kg	91				57	139	
	Endosulfan II	20.58	0	18.7	ug/kg	91				40	163	
	4,4'-DDD	20.58	0	17.8	ug/kg	86				47	163	
	Endosulfan sulfate	20.58	0	18.6	ug/kg	90				62	139	
	4,4'-DDT	20.58	0	19.0	ug/kg	92				51	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q1982</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD088486.D</u>

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Q1982-01MS (Column 2)	Methoxychlor	20.58	0	18.3	ug/kg	89				54	136	
	Endrin ketone	20.58	0	18.7	ug/kg	91				60	129	
	Endrin aldehyde	20.58	0	18.3	ug/kg	89				59	132	
	alpha-Chlordane	20.58	0	18.6	ug/kg	90				39	166	
	gamma-Chlordane	20.58	0	18.8	ug/kg	91				44	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q1982	Analytical Method:	8081B
Client:	CDM Smith	DataFile :	PD088487.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1982-01MSD (Column 1)	TP-1MSD											
	alpha-BHC	20.57	0	21.4	ug/kg	104		1		60	144	20
	beta-BHC	20.57	0	20.8	ug/kg	101		1		54	143	20
	delta-BHC	20.57	0	22.8	ug/kg	111		0		29	151	20
	gamma-BHC (Lindane)	20.57	0	21.4	ug/kg	104		1		61	140	20
	Heptachlor	20.57	0	22.2	ug/kg	108		1		63	135	20
	Aldrin	20.57	0	22.0	ug/kg	107		1		49	139	20
	Heptachlor epoxide	20.57	0	21.9	ug/kg	106		0		41	156	20
	Endosulfan I	20.57	0	22.0	ug/kg	107		1		56	142	20
	Dieldrin	20.57	0	22.2	ug/kg	108		1		47	161	20
	4,4'-DDE	20.57	0	21.4	ug/kg	104		1		55	136	20
	Endrin	20.57	0	22.0	ug/kg	107		1		57	139	20
	Endosulfan II	20.57	0	21.2	ug/kg	103		0		40	163	20
	4,4'-DDD	20.57	0	22.1	ug/kg	107		0		47	163	20
	Endosulfan sulfate	20.57	0	21.5	ug/kg	105		1		62	139	20
	4,4'-DDT	20.57	0	22.4	ug/kg	109		0		51	146	20
	Methoxychlor	20.57	0	21.5	ug/kg	105		1		54	136	20
	Endrin ketone	20.57	0	21.7	ug/kg	105		0		60	129	20
	Endrin aldehyde	20.57	0	21.3	ug/kg	104		1		59	132	20
	alpha-Chlordane	20.57	0	21.8	ug/kg	106		1		39	166	20
	gamma-Chlordane	20.57	0	21.5	ug/kg	105		2		44	175	20
Client Sample ID: Q1982-01MSD (Column 2)	TP-1MSD											
	alpha-BHC	20.57	0	19.3	ug/kg	94		1		60	144	20
	beta-BHC	20.57	0	18.9	ug/kg	92		1		54	143	20
	delta-BHC	20.57	0	19.0	ug/kg	92		0		29	151	20
	gamma-BHC (Lindane)	20.57	0	18.8	ug/kg	91		0		61	140	20
	Heptachlor	20.57	0	18.9	ug/kg	92		1		63	135	20
	Aldrin	20.57	0	19.5	ug/kg	95		1		49	139	20
	Heptachlor epoxide	20.57	0	18.5	ug/kg	90		2		41	156	20
	Endosulfan I	20.57	0	18.7	ug/kg	91		1		56	142	20
	Dieldrin	20.57	0	18.5	ug/kg	90		1		47	161	20
	4,4'-DDE	20.57	0	18.6	ug/kg	90		1		55	136	20
	Endrin	20.57	0	18.8	ug/kg	91		0		57	139	20
	Endosulfan II	20.57	0	18.8	ug/kg	91		0		40	163	20
	4,4'-DDD	20.57	0	17.9	ug/kg	87		1		47	163	20
	Endosulfan sulfate	20.57	0	18.6	ug/kg	90		0		62	139	20
	4,4'-DDT	20.57	0	18.9	ug/kg	92		0		51	146	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q1982</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD088487.D</u>

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Q1982-01MSD (Column 2)	Methoxychlor	20.57	0	18.3	ug/kg	89		0		54	136	20
	Endrin ketone	20.57	0	18.7	ug/kg	91		0		60	129	20
	Endrin aldehyde	20.57	0	18.3	ug/kg	89		0		59	132	20
	alpha-Chlordane	20.57	0	18.8	ug/kg	91		1		39	166	20
	gamma-Chlordane	20.57	0	19.0	ug/kg	92		1		44	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q1982	Analytical Method:	8081B
Client:	CDM Smith	DataFile :	PD088559.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: OU4-PCS-TC-33-050725MS												
Q1984-01MS (Column 1)	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	
Client Sample ID: OU4-PCS-TC-33-050725MS												
Q1984-01MS (Column 2)	alpha-BHC	17.51	0	17.5	ug/kg	0				60	144	
	beta-BHC	17.51	0	17.4	ug/kg	0				54	143	
	delta-BHC	17.51	0	17.4	ug/kg	0				29	151	
	gamma-BHC (Lindane)	17.51	0	17.0	ug/kg	0				61	140	
	Heptachlor	17.51	0	17.6	ug/kg	0				63	135	
	Aldrin	17.51	0	17.2	ug/kg	0				49	139	
	Heptachlor epoxide	17.51	0	17.1	ug/kg	0				41	156	
	Endosulfan I	17.51	0	17.1	ug/kg	0				56	142	
	Dieldrin	17.51	0	17.1	ug/kg	0				47	161	
	4,4'-DDE	17.51	0	17.0	ug/kg	0				55	136	
	Endrin	17.51	0	17.2	ug/kg	0				57	139	
	Endosulfan II	17.51	0	16.9	ug/kg	0				40	163	
	4,4'-DDD	17.51	0	16.4	ug/kg	0				47	163	
	Endosulfan sulfate	17.51	0	16.4	ug/kg	0				62	139	
	4,4'-DDT	17.51	0	17.2	ug/kg	0				51	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q1982</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD088559.D</u>

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Q1984-01MS (Column 2)	Methoxychlor	17.51	0	16.7	ug/kg	0				54	136	
	Endrin ketone	17.51	0	16.9	ug/kg	0				60	129	
	Endrin aldehyde	17.51	0	17.0	ug/kg	0				59	132	
	alpha-Chlordane	17.51	0	17.1	ug/kg	0				39	166	
	gamma-Chlordane	17.51	0	17.2	ug/kg	0				44	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q1982	Analytical Method:	8081B
Client:	CDM Smith	DataFile :	PD088560.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: OU4-PCS-TC-33-050725MSD												
Q1984-01MSD (Column 1)	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
Client Sample ID: OU4-PCS-TC-33-050725MSD												
Q1984-01MSD (Column 2)	alpha-BHC	17.5	0	17.8	ug/kg	0		2		60	144	20
	beta-BHC	17.5	0	17.8	ug/kg	0		3		54	143	20
	delta-BHC	17.5	0	17.6	ug/kg	0		2		29	151	20
	gamma-BHC (Lindane)	17.5	0	17.2	ug/kg	0		1		61	140	20
	Heptachlor	17.5	0	17.8	ug/kg	0		1		63	135	20
	Aldrin	17.5	0	17.5	ug/kg	0		2		49	139	20
	Heptachlor epoxide	17.5	0	17.3	ug/kg	0		1		41	156	20
	Endosulfan I	17.5	0	17.4	ug/kg	0		1		56	142	20
	Dieldrin	17.5	0	17.4	ug/kg	0		1		47	161	20
	4,4'-DDE	17.5	0	17.3	ug/kg	0		2		55	136	20
	Endrin	17.5	0	17.4	ug/kg	0		1		57	139	20
	Endosulfan II	17.5	0	16.8	ug/kg	0		1		40	163	20
	4,4'-DDD	17.5	0	16.7	ug/kg	0		1		47	163	20
	Endosulfan sulfate	17.5	0	16.9	ug/kg	0		3		62	139	20
	4,4'-DDT	17.5	0	17.1	ug/kg	0		0		51	146	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q1982</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD088560.D</u>

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Q1984-01MSD (Column 2)	Methoxychlor	17.5	0	16.8	ug/kg	0		1		54	136	20
	Endrin ketone	17.5	0	17.2	ug/kg	0		1		60	129	20
	Endrin aldehyde	17.5	0	17.0	ug/kg	0		0		59	132	20
	alpha-Chlordane	17.5	0	17.3	ug/kg	0		1		39	166	20
	gamma-Chlordane	17.5	0	17.3	ug/kg	0		1		44	175	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q1982	Analytical Method:	8081B
Client:	CDM Smith	Datafile :	PD088466.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167950BS (Column 1)	alpha-BHC	16.65	16.3	ug/kg	98				84	123	
	beta-BHC	16.65	16.1	ug/kg	97				82	123	
	delta-BHC	16.65	16.8	ug/kg	101				83	126	
	gamma-BHC (Lindane)	16.65	16.2	ug/kg	97				83	125	
	Heptachlor	16.65	17.0	ug/kg	102				83	122	
	Aldrin	16.65	16.8	ug/kg	101				82	124	
	Heptachlor epoxide	16.65	16.8	ug/kg	101				83	120	
	Endosulfan I	16.65	17.1	ug/kg	103				81	124	
	Dieldrin	16.65	17.3	ug/kg	104				85	121	
	4,4'-DDE	16.65	16.8	ug/kg	101				81	123	
	Endrin	16.65	17.1	ug/kg	103				76	130	
	Endosulfan II	16.65	16.8	ug/kg	101				80	125	
	4,4'-DDD	16.65	17.1	ug/kg	103				80	131	
	Endosulfan sulfate	16.65	17.2	ug/kg	103				81	122	
	4,4'-DDT	16.65	17.4	ug/kg	105				70	129	
	Methoxychlor	16.65	17.0	ug/kg	102				60	119	
	Endrin ketone	16.65	17.3	ug/kg	104				77	132	
	Endrin aldehyde	16.65	16.9	ug/kg	102				79	124	
	alpha-Chlordane	16.65	16.9	ug/kg	102				84	120	
	gamma-Chlordane	16.65	16.9	ug/kg	102				83	122	
PB167950BS (Column 2)	alpha-BHC	16.65	15.1	ug/kg	91				84	123	
	beta-BHC	16.65	15.4	ug/kg	92				82	123	
	delta-BHC	16.65	15.3	ug/kg	92				83	126	
	gamma-BHC (Lindane)	16.65	15.0	ug/kg	90				83	125	
	Heptachlor	16.65	14.9	ug/kg	89				83	122	
	Aldrin	16.65	15.3	ug/kg	92				82	124	
	Heptachlor epoxide	16.65	15.2	ug/kg	91				83	120	
	Endosulfan I	16.65	15.3	ug/kg	92				81	124	
	Dieldrin	16.65	15.2	ug/kg	91				85	121	
	4,4'-DDE	16.65	15.2	ug/kg	91				81	123	
	Endrin	16.65	14.8	ug/kg	89				76	130	
	Endosulfan II	16.65	15.1	ug/kg	91				80	125	
	4,4'-DDD	16.65	15.2	ug/kg	91				80	131	
	Endosulfan sulfate	16.65	15.0	ug/kg	90				81	122	
	4,4'-DDT	16.65	15.3	ug/kg	92				70	129	
	Methoxychlor	16.65	14.3	ug/kg	86				60	119	
	Endrin ketone	16.65	15.1	ug/kg	91				77	132	
	Endrin aldehyde	16.65	14.9	ug/kg	89				79	124	
	alpha-Chlordane	16.65	15.2	ug/kg	91				84	120	
	gamma-Chlordane	16.65	15.2	ug/kg	91				83	122	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q1982</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PD088526.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167959BS (Column 1)	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		
PB167959BS (Column 2)	alpha-BHC	16.65	16.1	ug/kg	97				84	123		
	beta-BHC	16.65	16.0	ug/kg	96				82	123		
	delta-BHC	16.65	16.2	ug/kg	97				83	126		
	gamma-BHC (Lindane)	16.65	15.9	ug/kg	95				83	125		
	Heptachlor	16.65	15.8	ug/kg	95				83	122		
	Aldrin	16.65	16.2	ug/kg	97				82	124		
	Heptachlor epoxide	16.65	16.0	ug/kg	96				83	120		
	Endosulfan I	16.65	15.9	ug/kg	95				81	124		
	Dieldrin	16.65	16.0	ug/kg	96				85	121		
	4,4'-DDE	16.65	16.1	ug/kg	97				81	123		
	Endrin	16.65	15.4	ug/kg	92				76	130		
	Endosulfan II	16.65	15.8	ug/kg	95				80	125		
	4,4'-DDD	16.65	16.4	ug/kg	98				80	131		
	Endosulfan sulfate	16.65	15.7	ug/kg	94				81	122		
	4,4'-DDT	16.65	15.3	ug/kg	92				70	129		
	Methoxychlor	16.65	15.0	ug/kg	90				60	119		
	Endrin ketone	16.65	15.8	ug/kg	95				77	132		
	Endrin aldehyde	16.65	15.8	ug/kg	95				79	124		
	alpha-Chlordane	16.65	15.9	ug/kg	95				84	120		
	gamma-Chlordane	16.65	16.0	ug/kg	96				83	122		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167950BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

Lab Sample ID: PB167950BL

Lab File ID: PD088465.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/12/2025

Date Analyzed (1): 05/12/2025

Date Analyzed (2): 05/12/2025

Time Analyzed (1): 15:16

Time Analyzed (2): 15:16

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
PB167950BS	PB167950BS	PD088466.D	05/12/2025	05/12/2025
TP-1MS	Q1982-01MS	PD088486.D	05/12/2025	05/12/2025
TP-1MSD	Q1982-01MSD	PD088487.D	05/12/2025	05/12/2025
TP-3	Q1982-03	PD088489.D	05/12/2025	05/12/2025
TP-6	Q1982-06	PD088492.D	05/12/2025	05/12/2025
TP-1	Q1982-01	PD088501.D	05/13/2025	05/13/2025
TP-2B	Q1982-02	PD088502.D	05/13/2025	05/13/2025
TP-4	Q1982-04	PD088503.D	05/13/2025	05/13/2025
TP-5	Q1982-05	PD088504.D	05/13/2025	05/13/2025
TP-8	Q1982-07	PD088505.D	05/13/2025	05/13/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167959BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

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-9	Q1982-08	PD088527.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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167950BL	SDG No.:	Q1982
Lab Sample ID:	PB167950BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088465.D	1	05/12/25 09:05	05/12/25 15:16	PB167950

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	21.1		20 - 144	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		19 - 148	93%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167950BL	SDG No.:	Q1982
Lab Sample ID:	PB167950BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:		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
PD088465.D	1	05/12/25 09:05	05/12/25 15:16	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167959BL	SDG No.:	Q1982
Lab Sample ID:	PB167959BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
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

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB167959BL		SDG No.:	Q1982	
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

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.:	Q1982
Lab Sample ID:	I.BLK-PD088121.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

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

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.:	Q1982	
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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	PIBLK-PD088462.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PD088462.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088462.D	1		05/12/25	pd051225

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	19.4		43 - 140	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		77 - 126	88%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	05/12/25	
Project:	South River WM Replacement		Date Received:	05/12/25	
Client Sample ID:	PIBLK-PD088462.D		SDG No.:	Q1982	
Lab Sample ID:	I.BLK-PD088462.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
PD088462.D	1		05/12/25	pd051225

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	PIBLK-PD088474.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PD088474.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088474.D	1		05/12/25	pd051225

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	19.2		43 - 140	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		77 - 126	88%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	PIBLK-PD088474.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PD088474.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088474.D	1		05/12/25	pd051225

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	PIBLK-PD088482.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PD088482.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088482.D	1		05/12/25	pd051225

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	19.5		43 - 140	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		77 - 126	88%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	05/12/25	
Project:	South River WM Replacement		Date Received:	05/12/25	
Client Sample ID:	PIBLK-PD088482.D		SDG No.:	Q1982	
Lab Sample ID:	I.BLK-PD088482.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
PD088482.D	1		05/12/25	pd051225

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	PIBLK-PD088494.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PD088494.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088494.D	1		05/12/25	pd051225

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	18.3		43 - 140	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.0		77 - 126	90%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	05/12/25	
Project:	South River WM Replacement		Date Received:	05/12/25	
Client Sample ID:	PIBLK-PD088494.D		SDG No.:	Q1982	
Lab Sample ID:	I.BLK-PD088494.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
PD088494.D	1		05/12/25	pd051225

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

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-PD088497.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PD088497.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088497.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	19.7		43 - 140	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		77 - 126	92%	SPK: 20

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-PD088497.D		SDG No.:	Q1982	
Lab Sample ID:	I.BLK-PD088497.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
PD088497.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

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-PD088514.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PD088514.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088514.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	18.7		43 - 140	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		77 - 126	90%	SPK: 20

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-PD088514.D		SDG No.:	Q1982	
Lab Sample ID:	I.BLK-PD088514.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
PD088514.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

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.:	Q1982
Lab Sample ID:	I.BLK-PD088523.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

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

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.:	Q1982	
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

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.:	Q1982
Lab Sample ID:	I.BLK-PD088535.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

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

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.:	Q1982	
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

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.:	Q1982
Lab Sample ID:	I.BLK-PD088551.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

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

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.:	Q1982	
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

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.:	Q1982
Lab Sample ID:	I.BLK-PD088565.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

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

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.:	Q1982	
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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167950BS	SDG No.:	Q1982
Lab Sample ID:	PB167950BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088466.D	1	05/12/25 09:05	05/12/25 15:30	PB167950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.3		0.13	1.70	ug/kg
319-85-7	beta-BHC	16.1		0.18	1.70	ug/kg
319-86-8	delta-BHC	16.8		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.2		0.14	1.70	ug/kg
76-44-8	Heptachlor	17.0		0.12	1.70	ug/kg
309-00-2	Aldrin	16.8		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.8		0.19	1.70	ug/kg
959-98-8	Endosulfan I	17.1		0.14	1.70	ug/kg
60-57-1	Dieldrin	17.3		0.14	1.70	ug/kg
72-55-9	4,4-DDE	16.8		0.14	1.70	ug/kg
72-20-8	Endrin	17.1		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	16.8		0.29	1.70	ug/kg
72-54-8	4,4-DDD	17.1		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	17.2		0.13	1.70	ug/kg
50-29-3	4,4-DDT	17.4		0.14	1.70	ug/kg
72-43-5	Methoxychlor	17.0		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	17.3		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	16.9		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	16.9		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	16.9		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		20 - 144	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		19 - 148	96%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167950BS	SDG No.:	Q1982
Lab Sample ID:	PB167950BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:		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
PD088466.D	1	05/12/25 09:05	05/12/25 15:30	PB167950

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167959BS	SDG No.:	Q1982
Lab Sample ID:	PB167959BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
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

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB167959BS		SDG No.:	Q1982	
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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1MS	SDG No.:	Q1982
Lab Sample ID:	Q1982-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.9 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
PD088486.D	1	05/12/25 09:05	05/12/25 20:03	PB167950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	21.2		0.16	2.10	ug/kg
319-85-7	beta-BHC	20.6		0.22	2.10	ug/kg
319-86-8	delta-BHC	22.8		0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	21.2		0.17	2.10	ug/kg
76-44-8	Heptachlor	22.0		0.15	2.10	ug/kg
309-00-2	Aldrin	21.8		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	21.8		0.23	2.10	ug/kg
959-98-8	Endosulfan I	21.8		0.17	2.10	ug/kg
60-57-1	Dieldrin	22.0		0.17	2.10	ug/kg
72-55-9	4,4-DDE	21.3		0.17	2.10	ug/kg
72-20-8	Endrin	21.8		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	21.1		0.36	2.10	ug/kg
72-54-8	4,4-DDD	22.1		0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	21.5		0.16	2.10	ug/kg
50-29-3	4,4-DDT	22.4		0.17	2.10	ug/kg
72-43-5	Methoxychlor	21.4		0.46	2.10	ug/kg
53494-70-5	Endrin ketone	21.6		0.23	2.10	ug/kg
7421-93-4	Endrin aldehyde	21.3		0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	21.6		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	21.3		0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	40.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.2		20 - 144	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		19 - 148	97%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1MS	SDG No.:	Q1982
Lab Sample ID:	Q1982-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.9 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
PD088486.D	1	05/12/25 09:05	05/12/25 20:03	PB167950

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

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.:	Q1982
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

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.:	Q1982
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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1MSD	SDG No.:	Q1982
Lab Sample ID:	Q1982-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.9
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088487.D	1	05/12/25 09:05	05/12/25 20:16	PB167950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	21.4		0.16	2.10	ug/kg
319-85-7	beta-BHC	20.8		0.22	2.10	ug/kg
319-86-8	delta-BHC	22.8		0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	21.4		0.17	2.10	ug/kg
76-44-8	Heptachlor	22.2		0.15	2.10	ug/kg
309-00-2	Aldrin	22.0		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	21.9		0.23	2.10	ug/kg
959-98-8	Endosulfan I	22.0		0.17	2.10	ug/kg
60-57-1	Dieldrin	22.2		0.17	2.10	ug/kg
72-55-9	4,4-DDE	21.4		0.17	2.10	ug/kg
72-20-8	Endrin	22.0		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	21.2		0.36	2.10	ug/kg
72-54-8	4,4-DDD	22.1		0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	21.5		0.16	2.10	ug/kg
50-29-3	4,4-DDT	22.4		0.17	2.10	ug/kg
72-43-5	Methoxychlor	21.5		0.46	2.10	ug/kg
53494-70-5	Endrin ketone	21.7		0.23	2.10	ug/kg
7421-93-4	Endrin aldehyde	21.3		0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	21.8		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	21.5		0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	40.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		20 - 144	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		19 - 148	97%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1MSD	SDG No.:	Q1982
Lab Sample ID:	Q1982-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.9 Decanted:
Sample Wt/Vol:	30.04 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
PD088487.D	1	05/12/25 09:05	05/12/25 20:16	PB167950

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

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.:	Q1982
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

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.:	Q1982
Lab Sample ID:	Q1984-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	95.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
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

A
B
C
D
E
F
G
H
I
J
K
L

Calibration Times: 13:56 14:51

LAB FILE ID:	RT 100 =	<u>PD088124.D</u>	RT 075 =	<u>PD088125.D</u>
	RT 050 =	PD088126.D	RT 025 =	PD088127.D
			RT 005 =	PD088128.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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 = <u>PD088124.D</u>	RT 075 = <u>PD088125.D</u>
RT 050 = <u>PD088126.D</u>	RT 025 = <u>PD088127.D</u>	RT 005 = <u>PD088128.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q1982 **SAS No.:** Q1982 **SDG NO.:** Q1982

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 =	<u>PD088124.D</u>	CF 075 =	<u>PD088125.D</u>		
CF 050 =		<u>PD088126.D</u>	CF 025 =	<u>PD088127.D</u>	CF 005 =	<u>PD088128.D</u>	
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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q1982 **SAS No.:** Q1982 **SDG NO.:** Q1982

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 =	<u>PD088124.D</u>	CF 075 =	<u>PD088125.D</u>		
CF 050 =		<u>PD088126.D</u>	CF 025 =	<u>PD088127.D</u>	CF 005 =	<u>PD088128.D</u>	
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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		CALIBRATION FACTOR
				FROM	TO	
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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		CALIBRATION FACTOR
				FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Continuing Calib Date: 05/12/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 13:42 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Continuing Calib Date: 05/12/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 13:42 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	3.39	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	4.08	4.09	3.99	4.19	0.01
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL01 Date Analyzed: 05/12/2025

Lab Sample No.: PSTDCCC050 Data File : PD088464.D Time Analyzed: 13:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.713	6.606	6.806	51.220	50.000	2.4
4,4'-DDE	6.204	6.097	6.297	50.250	50.000	0.5
4,4'-DDT	7.029	6.922	7.122	51.370	50.000	2.7
Aldrin	5.280	5.173	5.373	50.870	50.000	1.7
alpha-BHC	4.007	3.901	4.101	50.980	50.000	2.0
alpha-Chlordane	6.035	5.929	6.129	51.070	50.000	2.1
beta-BHC	4.523	4.416	4.616	49.630	50.000	-0.7
Decachlorobiphenyl	9.082	8.975	9.175	48.460	50.000	-3.1
delta-BHC	4.772	4.665	4.865	50.220	50.000	0.4
Dieldrin	6.355	6.249	6.449	51.520	50.000	3.0
Endosulfan I	6.083	5.976	6.176	51.000	50.000	2.0
Endosulfan II	6.794	6.687	6.887	49.630	50.000	-0.7
Endosulfan sulfate	7.157	7.050	7.250	50.840	50.000	1.7
Endrin	6.582	6.476	6.676	50.670	50.000	1.3
Endrin aldehyde	6.922	6.816	7.016	49.550	50.000	-0.9
Endrin ketone	7.637	7.531	7.731	50.860	50.000	1.7
gamma-BHC (Lindane)	4.338	4.232	4.432	49.850	50.000	-0.3
gamma-Chlordane	5.954	5.847	6.047	51.220	50.000	2.4
Heptachlor	4.938	4.831	5.031	51.810	50.000	3.6
Heptachlor epoxide	5.699	5.592	5.792	50.870	50.000	1.7
Methoxychlor	7.501	7.395	7.595	50.660	50.000	1.3
Tetrachloro-m-xylene	3.558	3.452	3.652	48.550	50.000	-2.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL01 Date Analyzed: 05/12/2025

Lab Sample No.: PSTDCCC050 Data File : PD088464.D Time Analyzed: 13:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.932	5.834	6.034	43.530	50.000	-12.9
4,4'-DDE	5.377	5.280	5.480	44.480	50.000	-11.0
4,4'-DDT	6.186	6.088	6.288	44.750	50.000	-10.5
Aldrin	4.370	4.273	4.473	44.510	50.000	-11.0
alpha-BHC	3.394	3.296	3.496	44.150	50.000	-11.7
alpha-Chlordane	5.192	5.094	5.294	44.190	50.000	-11.6
beta-BHC	4.026	3.928	4.128	44.270	50.000	-11.5
Decachlorobiphenyl	8.075	7.977	8.177	42.270	50.000	-15.5
delta-BHC	4.263	4.165	4.365	44.220	50.000	-11.6
Dieldrin	5.515	5.417	5.617	43.880	50.000	-12.2
Endosulfan I	5.249	5.151	5.351	43.800	50.000	-12.4
Endosulfan II	6.083	5.984	6.184	43.930	50.000	-12.1
Endosulfan sulfate	6.484	6.386	6.586	43.640	50.000	-12.7
Endrin	5.791	5.693	5.893	42.740	50.000	-14.5
Endrin aldehyde	6.261	6.163	6.363	42.610	50.000	-14.8
Endrin ketone	6.994	6.895	7.095	43.520	50.000	-13.0
gamma-BHC (Lindane)	3.730	3.633	3.833	43.630	50.000	-12.7
gamma-Chlordane	5.128	5.030	5.230	44.250	50.000	-11.5
Heptachlor	4.084	3.986	4.186	42.940	50.000	-14.1
Heptachlor epoxide	4.874	4.777	4.977	44.120	50.000	-11.8
Methoxychlor	6.757	6.659	6.859	40.810	50.000	-18.4
Tetrachloro-m-xylene	2.881	2.783	2.983	43.390	50.000	-13.2

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Continuing Calib Date: 05/12/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 17:32 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	4.76	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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Continuing Calib Date: 05/12/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 17:32 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	6.48	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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL02 Date Analyzed: 05/12/2025

Lab Sample No.: PSTDCCC050 Data File : PD088475.D Time Analyzed: 17:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.705	6.606	6.806	51.540	50.000	3.1
4,4'-DDE	6.196	6.097	6.297	50.920	50.000	1.8
4,4'-DDT	7.021	6.922	7.122	51.670	50.000	3.3
Aldrin	5.272	5.173	5.373	52.260	50.000	4.5
alpha-BHC	4.000	3.901	4.101	51.650	50.000	3.3
alpha-Chlordane	6.028	5.929	6.129	52.350	50.000	4.7
beta-BHC	4.516	4.416	4.616	51.010	50.000	2.0
Decachlorobiphenyl	9.073	8.975	9.175	48.050	50.000	-3.9
delta-BHC	4.764	4.665	4.865	51.550	50.000	3.1
Dieldrin	6.347	6.249	6.449	52.270	50.000	4.5
Endosulfan I	6.075	5.976	6.176	52.110	50.000	4.2
Endosulfan II	6.786	6.687	6.887	50.230	50.000	0.5
Endosulfan sulfate	7.150	7.050	7.250	51.110	50.000	2.2
Endrin	6.575	6.476	6.676	50.990	50.000	2.0
Endrin aldehyde	6.915	6.816	7.016	49.870	50.000	-0.3
Endrin ketone	7.630	7.531	7.731	51.250	50.000	2.5
gamma-BHC (Lindane)	4.331	4.232	4.432	51.150	50.000	2.3
gamma-Chlordane	5.946	5.847	6.047	52.840	50.000	5.7
Heptachlor	4.930	4.831	5.031	52.960	50.000	5.9
Heptachlor epoxide	5.692	5.592	5.792	51.650	50.000	3.3
Methoxychlor	7.494	7.395	7.595	50.650	50.000	1.3
Tetrachloro-m-xylene	3.551	3.452	3.652	49.440	50.000	-1.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL02 Date Analyzed: 05/12/2025

Lab Sample No.: PSTDCCC050 Data File : PD088475.D Time Analyzed: 17:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.932	5.834	6.034	44.970	50.000	-10.1
4,4'-DDE	5.377	5.280	5.480	45.840	50.000	-8.3
4,4'-DDT	6.186	6.088	6.288	45.760	50.000	-8.5
Aldrin	4.371	4.273	4.473	46.200	50.000	-7.6
alpha-BHC	3.395	3.296	3.496	45.490	50.000	-9.0
alpha-Chlordane	5.193	5.094	5.294	45.100	50.000	-9.8
beta-BHC	4.027	3.928	4.128	45.860	50.000	-8.3
Decachlorobiphenyl	8.075	7.977	8.177	41.060	50.000	-17.9
delta-BHC	4.264	4.165	4.365	45.690	50.000	-8.6
Dieldrin	5.515	5.417	5.617	45.230	50.000	-9.5
Endosulfan I	5.249	5.151	5.351	44.100	50.000	-11.8
Endosulfan II	6.083	5.984	6.184	44.610	50.000	-10.8
Endosulfan sulfate	6.484	6.386	6.586	43.910	50.000	-12.2
Endrin	5.791	5.693	5.893	44.180	50.000	-11.6
Endrin aldehyde	6.260	6.163	6.363	43.450	50.000	-13.1
Endrin ketone	6.994	6.895	7.095	43.780	50.000	-12.4
gamma-BHC (Lindane)	3.732	3.633	3.833	45.060	50.000	-9.9
gamma-Chlordane	5.128	5.030	5.230	45.140	50.000	-9.7
Heptachlor	4.085	3.986	4.186	45.340	50.000	-9.3
Heptachlor epoxide	4.875	4.777	4.977	45.290	50.000	-9.4
Methoxychlor	6.757	6.659	6.859	43.610	50.000	-12.8
Tetrachloro-m-xylene	2.882	2.783	2.983	44.840	50.000	-10.3

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Continuing Calib Date: 05/12/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 19:35 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	4.76	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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

Continuing Calib Date: 05/12/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 19:35 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	4.88	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	6.48	6.49	6.39	6.59	0.01
4,4'-DDT	6.19	6.19	6.09	6.29	0.01
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL03 Date Analyzed: 05/12/2025

Lab Sample No.: PSTDCCC050 Data File : PD088484.D Time Analyzed: 19:35

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.705	6.606	6.806	52.060	50.000	4.1
4,4'-DDE	6.196	6.097	6.297	50.920	50.000	1.8
4,4'-DDT	7.021	6.922	7.122	51.630	50.000	3.3
Aldrin	5.272	5.173	5.373	52.200	50.000	4.4
alpha-BHC	4.000	3.901	4.101	51.480	50.000	3.0
alpha-Chlordane	6.028	5.929	6.129	52.580	50.000	5.2
beta-BHC	4.516	4.416	4.616	50.890	50.000	1.8
Decachlorobiphenyl	9.073	8.975	9.175	48.550	50.000	-2.9
delta-BHC	4.764	4.665	4.865	51.480	50.000	3.0
Dieldrin	6.348	6.249	6.449	52.570	50.000	5.1
Endosulfan I	6.075	5.976	6.176	52.310	50.000	4.6
Endosulfan II	6.786	6.687	6.887	50.510	50.000	1.0
Endosulfan sulfate	7.149	7.050	7.250	51.510	50.000	3.0
Endrin	6.575	6.476	6.676	50.660	50.000	1.3
Endrin aldehyde	6.915	6.816	7.016	50.390	50.000	0.8
Endrin ketone	7.630	7.531	7.731	51.460	50.000	2.9
gamma-BHC (Lindane)	4.331	4.232	4.432	51.000	50.000	2.0
gamma-Chlordane	5.946	5.847	6.047	53.040	50.000	6.1
Heptachlor	4.931	4.831	5.031	52.610	50.000	5.2
Heptachlor epoxide	5.692	5.592	5.792	51.820	50.000	3.6
Methoxychlor	7.493	7.395	7.595	50.480	50.000	1.0
Tetrachloro-m-xylene	3.551	3.452	3.652	49.460	50.000	-1.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL03 Date Analyzed: 05/12/2025

Lab Sample No.: PSTDCCC050 Data File : PD088484.D Time Analyzed: 19:35

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.931	5.834	6.034	45.140	50.000	-9.7
4,4'-DDE	5.377	5.280	5.480	45.770	50.000	-8.5
4,4'-DDT	6.185	6.088	6.288	45.360	50.000	-9.3
Aldrin	4.371	4.273	4.473	45.780	50.000	-8.4
alpha-BHC	3.395	3.296	3.496	45.270	50.000	-9.5
alpha-Chlordane	5.192	5.094	5.294	44.840	50.000	-10.3
beta-BHC	4.027	3.928	4.128	45.380	50.000	-9.2
Decachlorobiphenyl	8.074	7.977	8.177	41.590	50.000	-16.8
delta-BHC	4.264	4.165	4.365	45.350	50.000	-9.3
Dieldrin	5.515	5.417	5.617	45.110	50.000	-9.8
Endosulfan I	5.249	5.151	5.351	43.900	50.000	-12.2
Endosulfan II	6.082	5.984	6.184	44.400	50.000	-11.2
Endosulfan sulfate	6.483	6.386	6.586	44.010	50.000	-12.0
Endrin	5.791	5.693	5.893	44.040	50.000	-11.9
Endrin aldehyde	6.260	6.163	6.363	43.430	50.000	-13.1
Endrin ketone	6.993	6.895	7.095	44.410	50.000	-11.2
gamma-BHC (Lindane)	3.732	3.633	3.833	44.790	50.000	-10.4
gamma-Chlordane	5.127	5.030	5.230	45.010	50.000	-10.0
Heptachlor	4.085	3.986	4.186	45.020	50.000	-10.0
Heptachlor epoxide	4.875	4.777	4.977	45.110	50.000	-9.8
Methoxychlor	6.756	6.659	6.859	43.950	50.000	-12.1
Tetrachloro-m-xylene	2.883	2.783	2.983	44.650	50.000	-10.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Continuing Calib Time: 02:17 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Continuing Calib Time: 02:17 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	6.48	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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL04 Date Analyzed: 05/13/2025

Lab Sample No.: PSTDCCC050 Data File : PD088495.D Time Analyzed: 02:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.706	6.606	6.806	53.680	50.000	7.4
4,4'-DDE	6.197	6.097	6.297	51.500	50.000	3.0
4,4'-DDT	7.022	6.922	7.122	52.040	50.000	4.1
Aldrin	5.273	5.173	5.373	54.330	50.000	8.7
alpha-BHC	4.001	3.901	4.101	53.850	50.000	7.7
alpha-Chlordane	6.029	5.929	6.129	54.070	50.000	8.1
beta-BHC	4.517	4.416	4.616	52.920	50.000	5.8
Decachlorobiphenyl	9.074	8.975	9.175	47.810	50.000	-4.4
delta-BHC	4.765	4.665	4.865	53.340	50.000	6.7
Dieldrin	6.349	6.249	6.449	53.650	50.000	7.3
Endosulfan I	6.076	5.976	6.176	53.640	50.000	7.3
Endosulfan II	6.787	6.687	6.887	51.580	50.000	3.2
Endosulfan sulfate	7.151	7.050	7.250	51.810	50.000	3.6
Endrin	6.576	6.476	6.676	52.100	50.000	4.2
Endrin aldehyde	6.916	6.816	7.016	49.710	50.000	-0.6
Endrin ketone	7.632	7.531	7.731	51.460	50.000	2.9
gamma-BHC (Lindane)	4.332	4.232	4.432	53.200	50.000	6.4
gamma-Chlordane	5.948	5.847	6.047	54.370	50.000	8.7
Heptachlor	4.932	4.831	5.031	54.940	50.000	9.9
Heptachlor epoxide	5.692	5.592	5.792	54.170	50.000	8.3
Methoxychlor	7.494	7.395	7.595	50.720	50.000	1.4
Tetrachloro-m-xylene	3.552	3.452	3.652	51.360	50.000	2.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL04 Date Analyzed: 05/13/2025

Lab Sample No.: PSTDCCC050 Data File : PD088495.D Time Analyzed: 02:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.932	5.834	6.034	46.760	50.000	-6.5
4,4'-DDE	5.376	5.280	5.480	47.000	50.000	-6.0
4,4'-DDT	6.186	6.088	6.288	46.120	50.000	-7.8
Aldrin	4.370	4.273	4.473	47.650	50.000	-4.7
alpha-BHC	3.395	3.296	3.496	47.610	50.000	-4.8
alpha-Chlordane	5.193	5.094	5.294	46.780	50.000	-6.4
beta-BHC	4.027	3.928	4.128	47.270	50.000	-5.5
Decachlorobiphenyl	8.075	7.977	8.177	41.040	50.000	-17.9
delta-BHC	4.264	4.165	4.365	47.760	50.000	-4.5
Dieldrin	5.515	5.417	5.617	46.920	50.000	-6.2
Endosulfan I	5.249	5.151	5.351	42.220	50.000	-15.6
Endosulfan II	6.083	5.984	6.184	46.210	50.000	-7.6
Endosulfan sulfate	6.484	6.386	6.586	45.230	50.000	-9.5
Endrin	5.791	5.693	5.893	46.260	50.000	-7.5
Endrin aldehyde	6.261	6.163	6.363	43.860	50.000	-12.3
Endrin ketone	6.994	6.895	7.095	44.320	50.000	-11.4
gamma-BHC (Lindane)	3.732	3.633	3.833	46.970	50.000	-6.1
gamma-Chlordane	5.128	5.030	5.230	46.970	50.000	-6.1
Heptachlor	4.085	3.986	4.186	47.270	50.000	-5.5
Heptachlor epoxide	4.875	4.777	4.977	47.200	50.000	-5.6
Methoxychlor	6.757	6.659	6.859	44.620	50.000	-10.8
Tetrachloro-m-xylene	2.883	2.783	2.983	46.920	50.000	-6.2

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Continuing Calib Time: 09:55 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	0.00
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Continuing Calib Time: 09:55 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL05 Date Analyzed: 05/13/2025

Lab Sample No.: PSTDCCC050 Data File : PD088499.D Time Analyzed: 09:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.706	6.606	6.806	55.230	50.000	10.5
4,4'-DDE	6.197	6.097	6.297	52.340	50.000	4.7
4,4'-DDT	7.023	6.922	7.122	53.040	50.000	6.1
Aldrin	5.273	5.173	5.373	54.770	50.000	9.5
alpha-BHC	4.001	3.901	4.101	54.670	50.000	9.3
alpha-Chlordane	6.028	5.929	6.129	54.970	50.000	9.9
beta-BHC	4.516	4.416	4.616	53.370	50.000	6.7
Decachlorobiphenyl	9.074	8.975	9.175	48.950	50.000	-2.1
delta-BHC	4.765	4.665	4.865	54.030	50.000	8.1
Dieldrin	6.349	6.249	6.449	54.680	50.000	9.4
Endosulfan I	6.075	5.976	6.176	54.560	50.000	9.1
Endosulfan II	6.787	6.687	6.887	52.760	50.000	5.5
Endosulfan sulfate	7.151	7.050	7.250	52.790	50.000	5.6
Endrin	6.576	6.476	6.676	53.150	50.000	6.3
Endrin aldehyde	6.917	6.816	7.016	50.890	50.000	1.8
Endrin ketone	7.632	7.531	7.731	52.520	50.000	5.0
gamma-BHC (Lindane)	4.332	4.232	4.432	53.830	50.000	7.7
gamma-Chlordane	5.948	5.847	6.047	55.410	50.000	10.8
Heptachlor	4.931	4.831	5.031	55.670	50.000	11.3
Heptachlor epoxide	5.692	5.592	5.792	54.860	50.000	9.7
Methoxychlor	7.494	7.395	7.595	51.790	50.000	3.6
Tetrachloro-m-xylene	3.552	3.452	3.652	51.960	50.000	3.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL05 Date Analyzed: 05/13/2025

Lab Sample No.: PSTDCCC050 Data File : PD088499.D Time Analyzed: 09:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.932	5.834	6.034	47.100	50.000	-5.8
4,4'-DDE	5.376	5.280	5.480	47.200	50.000	-5.6
4,4'-DDT	6.186	6.088	6.288	46.910	50.000	-6.2
Aldrin	4.369	4.273	4.473	47.620	50.000	-4.8
alpha-BHC	3.395	3.296	3.496	47.880	50.000	-4.2
alpha-Chlordane	5.192	5.094	5.294	47.010	50.000	-6.0
beta-BHC	4.027	3.928	4.128	47.190	50.000	-5.6
Decachlorobiphenyl	8.075	7.977	8.177	42.160	50.000	-15.7
delta-BHC	4.263	4.165	4.365	47.870	50.000	-4.3
Dieldrin	5.515	5.417	5.617	47.160	50.000	-5.7
Endosulfan I	5.248	5.151	5.351	41.720	50.000	-16.6
Endosulfan II	6.083	5.984	6.184	46.750	50.000	-6.5
Endosulfan sulfate	6.485	6.386	6.586	45.680	50.000	-8.6
Endrin	5.791	5.693	5.893	46.530	50.000	-6.9
Endrin aldehyde	6.261	6.163	6.363	44.600	50.000	-10.8
Endrin ketone	6.994	6.895	7.095	45.040	50.000	-9.9
gamma-BHC (Lindane)	3.731	3.633	3.833	47.220	50.000	-5.6
gamma-Chlordane	5.128	5.030	5.230	47.240	50.000	-5.5
Heptachlor	4.085	3.986	4.186	47.280	50.000	-5.4
Heptachlor epoxide	4.875	4.777	4.977	47.370	50.000	-5.3
Methoxychlor	6.757	6.659	6.859	45.070	50.000	-9.9
Tetrachloro-m-xylene	2.882	2.783	2.983	47.090	50.000	-5.8

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Continuing Calib Time: 14:22 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	6.35	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	7.16	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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Continuing Calib Time: 14:22 Initial Calibration Time(s): 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
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	3.40	3.40	3.30	3.50	0.01
beta-BHC	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.27	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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL06 Date Analyzed: 05/13/2025

Lab Sample No.: PSTDCCC050 Data File : PD088515.D Time Analyzed: 14:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.712	6.606	6.806	57.230	50.000	14.5
4,4'-DDE	6.203	6.097	6.297	52.410	50.000	4.8
4,4'-DDT	7.028	6.922	7.122	52.550	50.000	5.1
Aldrin	5.279	5.173	5.373	55.590	50.000	11.2
alpha-BHC	4.007	3.901	4.101	55.650	50.000	11.3
alpha-Chlordane	6.035	5.929	6.129	56.450	50.000	12.9
beta-BHC	4.523	4.416	4.616	54.330	50.000	8.7
Decachlorobiphenyl	9.080	8.975	9.175	48.470	50.000	-3.1
delta-BHC	4.771	4.665	4.865	56.620	50.000	13.2
Dieldrin	6.354	6.249	6.449	54.840	50.000	9.7
Endosulfan I	6.082	5.976	6.176	55.440	50.000	10.9
Endosulfan II	6.793	6.687	6.887	53.040	50.000	6.1
Endosulfan sulfate	7.156	7.050	7.250	53.000	50.000	6.0
Endrin	6.582	6.476	6.676	53.290	50.000	6.6
Endrin aldehyde	6.922	6.816	7.016	51.380	50.000	2.8
Endrin ketone	7.637	7.531	7.731	52.450	50.000	4.9
gamma-BHC (Lindane)	4.338	4.232	4.432	55.030	50.000	10.1
gamma-Chlordane	5.952	5.847	6.047	54.280	50.000	8.6
Heptachlor	4.937	4.831	5.031	55.970	50.000	11.9
Heptachlor epoxide	5.698	5.592	5.792	54.730	50.000	9.5
Methoxychlor	7.500	7.395	7.595	51.030	50.000	2.1
Tetrachloro-m-xylene	3.558	3.452	3.652	52.540	50.000	5.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL06 Date Analyzed: 05/13/2025

Lab Sample No.: PSTDCCC050 Data File : PD088515.D Time Analyzed: 14:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.933	5.834	6.034	47.380	50.000	-5.2
4,4'-DDE	5.377	5.280	5.480	47.480	50.000	-5.0
4,4'-DDT	6.188	6.088	6.288	46.650	50.000	-6.7
Aldrin	4.370	4.273	4.473	48.250	50.000	-3.5
alpha-BHC	3.395	3.296	3.496	48.460	50.000	-3.1
alpha-Chlordane	5.194	5.094	5.294	47.400	50.000	-5.2
beta-BHC	4.028	3.928	4.128	48.190	50.000	-3.6
Decachlorobiphenyl	8.076	7.977	8.177	41.330	50.000	-17.3
delta-BHC	4.265	4.165	4.365	48.660	50.000	-2.7
Dieldrin	5.516	5.417	5.617	47.580	50.000	-4.8
Endosulfan I	5.249	5.151	5.351	41.650	50.000	-16.7
Endosulfan II	6.084	5.984	6.184	46.980	50.000	-6.0
Endosulfan sulfate	6.486	6.386	6.586	45.710	50.000	-8.6
Endrin	5.792	5.693	5.893	47.220	50.000	-5.6
Endrin aldehyde	6.262	6.163	6.363	44.930	50.000	-10.1
Endrin ketone	6.995	6.895	7.095	45.010	50.000	-10.0
gamma-BHC (Lindane)	3.732	3.633	3.833	47.870	50.000	-4.3
gamma-Chlordane	5.129	5.030	5.230	47.660	50.000	-4.7
Heptachlor	4.086	3.986	4.186	47.490	50.000	-5.0
Heptachlor epoxide	4.876	4.777	4.977	47.790	50.000	-4.4
Methoxychlor	6.758	6.659	6.859	45.030	50.000	-9.9
Tetrachloro-m-xylene	2.882	2.783	2.983	47.460	50.000	-5.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL07 Date Analyzed: 05/13/2025

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

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL07 Date Analyzed: 05/13/2025

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

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL08 Date Analyzed: 05/13/2025

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

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL08 Date Analyzed: 05/13/2025

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

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL09 Date Analyzed: 05/15/2025

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

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL09 Date Analyzed: 05/15/2025

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

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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		DIFF RT
			FROM	TO	
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL10 Date Analyzed: 05/15/2025

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

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No.: CCAL10 Date Analyzed: 05/15/2025

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

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **CAMP02**

Lab Code: **CHEM** Case No.: **Q1982** SAS No.: **Q1982** SDG NO.: **Q1982**

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		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
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		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q1982 **SAS No.:** Q1982 **SDG NO.:** Q1982

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

Client Sample No. (PEM): PEM - PD088463.D **Date Analyzed:** 05/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:58

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.071	8.970	9.170	24.020	20.000	20.1
Tetrachloro-m-xylene	3.550	3.500	3.600	22.950	20.000	14.8
alpha-BHC	4.000	3.950	4.050	10.330	10.000	3.3
beta-BHC	4.515	4.460	4.570	11.660	10.000	16.6
gamma-BHC (Lindane)	4.330	4.280	4.380	10.730	10.000	7.3
Endrin	6.574	6.500	6.640	58.670	50.000	17.3
4,4'-DDT	7.021	6.950	7.090	119.010	100.000	19.0
Methoxychlor	7.492	7.420	7.560	269.490	250.000	7.8

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

Client Sample No. (PEM): PEM - PD088463.D **Date Analyzed:** 05/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:58

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.073	7.970	8.170	21.250	20.000	6.3
Tetrachloro-m-xylene	2.881	2.830	2.930	21.410	20.000	7.1
alpha-BHC	3.394	3.340	3.440	11.120	10.000	11.2
beta-BHC	4.026	3.980	4.080	11.470	10.000	14.7
gamma-BHC (Lindane)	3.730	3.680	3.780	11.190	10.000	11.9
Endrin	5.790	5.720	5.860	49.200	50.000	-1.6
4,4'-DDT	6.184	6.110	6.250	98.020	100.000	-2.0
Methoxychlor	6.755	6.680	6.830	182.340	250.000	-27.1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982 SAS No.: Q1982 SDG NO.: Q1982

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

Client Sample No. (PEM): PEM - PD088483.D Date Analyzed: 05/12/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:22

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.074	8.970	9.170	23.690	20.000	18.5
Tetrachloro-m-xylene	3.552	3.500	3.600	22.650	20.000	13.3
alpha-BHC	4.001	3.950	4.050	10.470	10.000	4.7
beta-BHC	4.516	4.470	4.570	11.860	10.000	18.6
gamma-BHC (Lindane)	4.331	4.280	4.380	10.860	10.000	8.6
Endrin	6.576	6.510	6.650	58.130	50.000	16.3
4,4'-DDT	7.022	6.950	7.090	118.210	100.000	18.2
Methoxychlor	7.494	7.420	7.560	267.140	250.000	6.9

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

Client Sample No. (PEM): PEM - PD088483.D Date Analyzed: 05/12/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:22

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.075	7.970	8.180	20.580	20.000	2.9
Tetrachloro-m-xylene	2.883	2.830	2.930	21.480	20.000	7.4
alpha-BHC	3.395	3.340	3.450	11.200	10.000	12.0
beta-BHC	4.027	3.980	4.080	11.620	10.000	16.2
gamma-BHC (Lindane)	3.732	3.680	3.780	11.160	10.000	11.6
Endrin	5.792	5.720	5.860	50.090	50.000	0.2
4,4'-DDT	6.186	6.120	6.260	98.250	100.000	-1.8
Methoxychlor	6.757	6.690	6.830	198.050	250.000	-20.8

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **CAMP02**

Lab Code: **CHEM** Case No.: **Q1982** SAS No.: **Q1982** SDG NO.: **Q1982**

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		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
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		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q1982 **SAS No.:** Q1982 **SDG NO.:** Q1982

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		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

Analytical Sequence

Client: CDM Smith	SDG No.: Q1982	
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 #
IBLK	IBLK	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
PSTDICCC100	PSTDICCC100	04/18/2025	13:56	PD088124.D	9.08	3.55
PSTDICCC075	PSTDICCC075	04/18/2025	14:10	PD088125.D	9.07	3.55
PSTDICCC050	PSTDICCC050	04/18/2025	14:24	PD088126.D	9.08	3.55
PSTDICCC025	PSTDICCC025	04/18/2025	14:37	PD088127.D	9.08	3.55
PSTDICCC005	PSTDICCC005	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
IBLK	IBLK	05/12/2025	12:44	PD088462.D	9.07	3.55
PEM	PEM	05/12/2025	12:58	PD088463.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/12/2025	13:42	PD088464.D	9.08	3.56
PB167950BL	PB167950BL	05/12/2025	15:16	PD088465.D	9.08	3.56
PB167950BS	PB167950BS	05/12/2025	15:30	PD088466.D	9.08	3.55
IBLK	IBLK	05/12/2025	17:19	PD088474.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/12/2025	17:32	PD088475.D	9.07	3.55
IBLK	IBLK	05/12/2025	19:08	PD088482.D	9.07	3.55
PEM	PEM	05/12/2025	19:22	PD088483.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/12/2025	19:35	PD088484.D	9.07	3.55
TP-1MS	Q1982-01MS	05/12/2025	20:03	PD088486.D	9.07	3.55
TP-1MSD	Q1982-01MSD	05/12/2025	20:16	PD088487.D	9.07	3.55
TP-3	Q1982-03	05/12/2025	20:44	PD088489.D	9.07	3.55
TP-6	Q1982-06	05/12/2025	21:25	PD088492.D	9.07	3.55
IBLK	IBLK	05/12/2025	21:52	PD088494.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/13/2025	02:17	PD088495.D	9.07	3.55
IBLK	IBLK	05/13/2025	09:28	PD088497.D	9.07	3.55
PEM	PEM	05/13/2025	09:41	PD088498.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/13/2025	09:55	PD088499.D	9.07	3.55
TP-1	Q1982-01	05/13/2025	10:22	PD088501.D	9.07	3.55
TP-2B	Q1982-02	05/13/2025	10:35	PD088502.D	9.07	3.55
TP-4	Q1982-04	05/13/2025	10:49	PD088503.D	9.07	3.55
TP-5	Q1982-05	05/13/2025	11:02	PD088504.D	9.07	3.55
TP-8	Q1982-07	05/13/2025	11:16	PD088505.D	9.07	3.55
IBLK	IBLK	05/13/2025	13:18	PD088514.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/13/2025	14:22	PD088515.D	9.08	3.56
IBLK	IBLK	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-9	Q1982-08	05/13/2025	17:29	PD088527.D	9.07	3.55
IBLK	IBLK	05/13/2025	19:18	PD088535.D	9.07	3.55

Analytical Sequence

PSTDCCC050	PSTDCCC050	05/13/2025	19:46	PD088537.D	9.07	3.55
LBLK	LBLK	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
LBLK	LBLK	05/15/2025	14:14	PD088565.D	9.08	3.55
PSTDCCC050	PSTDCCC050	05/15/2025	15:11	PD088566.D	9.08	3.56

Analytical Sequence

Client: CDM Smith	SDG No.: Q1982	
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 #
IBLK	IBLK	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
PSTDICCC100	PSTDICCC100	04/18/2025	13:56	PD088124.D	8.09	2.90
PSTDICCC075	PSTDICCC075	04/18/2025	14:10	PD088125.D	8.08	2.88
PSTDICCC050	PSTDICCC050	04/18/2025	14:24	PD088126.D	8.08	2.88
PSTDICCC025	PSTDICCC025	04/18/2025	14:37	PD088127.D	8.08	2.88
PSTDICCC005	PSTDICCC005	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
IBLK	IBLK	05/12/2025	12:44	PD088462.D	8.07	2.88
PEM	PEM	05/12/2025	12:58	PD088463.D	8.07	2.88
PSTDCCC050	PSTDCCC050	05/12/2025	13:42	PD088464.D	8.08	2.88
PB167950BL	PB167950BL	05/12/2025	15:16	PD088465.D	8.08	2.88
PB167950BS	PB167950BS	05/12/2025	15:30	PD088466.D	8.07	2.88
IBLK	IBLK	05/12/2025	17:19	PD088474.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/12/2025	17:32	PD088475.D	8.08	2.88
IBLK	IBLK	05/12/2025	19:08	PD088482.D	8.08	2.88
PEM	PEM	05/12/2025	19:22	PD088483.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/12/2025	19:35	PD088484.D	8.07	2.88
TP-1MS	Q1982-01MS	05/12/2025	20:03	PD088486.D	8.07	2.88
TP-1MSD	Q1982-01MSD	05/12/2025	20:16	PD088487.D	8.08	2.88
TP-3	Q1982-03	05/12/2025	20:44	PD088489.D	8.08	2.88
TP-6	Q1982-06	05/12/2025	21:25	PD088492.D	8.07	2.88
IBLK	IBLK	05/12/2025	21:52	PD088494.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	02:17	PD088495.D	8.08	2.88
IBLK	IBLK	05/13/2025	09:28	PD088497.D	8.07	2.88
PEM	PEM	05/13/2025	09:41	PD088498.D	8.07	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	09:55	PD088499.D	8.08	2.88
TP-1	Q1982-01	05/13/2025	10:22	PD088501.D	8.08	2.88
TP-2B	Q1982-02	05/13/2025	10:35	PD088502.D	8.07	2.88
TP-4	Q1982-04	05/13/2025	10:49	PD088503.D	8.07	2.88
TP-5	Q1982-05	05/13/2025	11:02	PD088504.D	8.07	2.88
TP-8	Q1982-07	05/13/2025	11:16	PD088505.D	8.07	2.88
IBLK	IBLK	05/13/2025	13:18	PD088514.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	14:22	PD088515.D	8.08	2.88
IBLK	IBLK	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-9	Q1982-08	05/13/2025	17:29	PD088527.D	8.07	2.88
IBLK	IBLK	05/13/2025	19:18	PD088535.D	8.07	2.88

Analytical Sequence

PSTDCCC050	PSTDCCC050	05/13/2025	19:46	PD088537.D	8.07	2.88
LBLK	LBLK	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
LBLK	LBLK	05/15/2025	14:14	PD088565.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/15/2025	15:11	PD088566.D	8.08	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

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		CONCENTRATION	%RPD
			FROM	TO		
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	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

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		CONCENTRATION	%RPD
			FROM	TO		
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	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

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		CONCENTRATION	%RPD
			FROM	TO		
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	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OU4-PCS-TC-33-050725MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

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		CONCENTRATION	%RPD
			FROM	TO		
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	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167950BS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q1982

SAS No.: Q1982

SDG NO.: Q1982

Lab Sample ID: PB167950BS

Date(s) Analyzed: 05/12/2025

05/12/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	17.1	11.8
	2	5.93	5.88	5.98	15.2	
4,4'-DDE	1	6.20	6.15	6.25	16.8	10
	2	5.38	5.33	5.43	15.2	
4,4'-DDT	1	7.02	6.97	7.07	17.4	12.8
	2	6.19	6.14	6.24	15.3	
alpha-BHC	1	4.00	3.95	4.05	16.3	7.6
	2	3.39	3.34	3.44	15.1	
Aldrin	1	5.27	5.22	5.32	16.8	9.3
	2	4.37	4.32	4.42	15.3	
alpha-Chlordane	1	6.03	5.98	6.08	16.9	10.6
	2	5.19	5.14	5.24	15.2	
Endosulfan II	1	6.79	6.74	6.84	16.8	10.7
	2	6.08	6.03	6.13	15.1	
Endosulfan sulfate	1	7.15	7.10	7.20	17.2	13.7
	2	6.48	6.43	6.53	15.0	
beta-BHC	1	4.52	4.47	4.57	16.1	4.4
	2	4.03	3.98	4.08	15.4	
delta-BHC	1	4.76	4.71	4.81	16.8	9.3
	2	4.26	4.21	4.31	15.3	
Endosulfan I	1	6.08	6.03	6.13	17.1	11.1
	2	5.25	5.20	5.30	15.3	
Dieldrin	1	6.35	6.30	6.40	17.3	12.9
	2	5.51	5.46	5.56	15.2	
Endrin aldehyde	1	6.92	6.87	6.97	16.9	12.6
	2	6.26	6.21	6.31	14.9	
Methoxychlor	1	7.49	7.44	7.54	17.0	17.3
	2	6.76	6.71	6.81	14.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167950BS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q1982

SAS No.: Q1982

SDG NO.: Q1982

Lab Sample ID: PB167950BS

Date(s) Analyzed: 05/12/2025

05/12/2025

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		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	17.3	13.6
	2	6.99	6.94	7.04	15.1	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	16.2	7.7
	2	3.73	3.68	3.78	15.0	
Heptachlor	1	4.93	4.88	4.98	17.0	13.2
	2	4.08	4.03	4.13	14.9	
Heptachlor epoxide	1	5.69	5.64	5.74	16.8	10
	2	4.87	4.82	4.92	15.2	
gamma-Chlordane	1	5.95	5.90	6.00	16.9	10.6
	2	5.13	5.08	5.18	15.2	
Endrin	1	6.58	6.53	6.63	17.1	14.4
	2	5.79	5.74	5.84	14.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167959BS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q1982

SAS No.: Q1982

SDG NO.: Q1982

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		CONCENTRATION	%RPD
			FROM	TO		
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	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167959BS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q1982

SAS No.: Q1982

SDG NO.: Q1982

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		CONCENTRATION	%RPD
			FROM	TO		
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	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-1MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

Lab Sample ID: Q1982-01MS

Date(s) Analyzed: 05/12/2025 05/12/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	22.1	21.6
	2	5.93	5.88	5.98	17.8	
4,4'-DDT	1	7.02	6.97	7.07	22.4	16.4
	2	6.19	6.14	6.24	19.0	
alpha-BHC	1	4.00	3.95	4.05	21.2	9.9
	2	3.40	3.35	3.45	19.2	
Aldrin	1	5.27	5.22	5.32	21.8	12.2
	2	4.37	4.32	4.42	19.3	
beta-BHC	1	4.52	4.47	4.57	20.6	9.1
	2	4.03	3.98	4.08	18.8	
alpha-Chlordane	1	6.03	5.98	6.08	21.6	14.9
	2	5.19	5.14	5.24	18.6	
4,4'-DDE	1	6.20	6.15	6.25	21.3	14.6
	2	5.38	5.33	5.43	18.4	
Endosulfan II	1	6.79	6.74	6.84	21.1	12.1
	2	6.08	6.03	6.13	18.7	
Endrin aldehyde	1	6.92	6.87	6.97	21.3	15.2
	2	6.26	6.21	6.31	18.3	
Endosulfan sulfate	1	7.15	7.10	7.20	21.5	14.5
	2	6.48	6.43	6.53	18.6	
Methoxychlor	1	7.49	7.44	7.54	21.4	15.6
	2	6.76	6.71	6.81	18.3	
Endrin ketone	1	7.63	7.58	7.68	21.6	14.4
	2	6.99	6.94	7.04	18.7	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	21.2	12.5
	2	3.73	3.68	3.78	18.7	
Heptachlor	1	4.93	4.88	4.98	22.0	16.2
	2	4.09	4.04	4.14	18.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-1MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

Lab Sample ID: Q1982-01MS

Date(s) Analyzed: 05/12/2025 05/12/2025

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		CONCENTRATION	%RPD
			FROM	TO		
delta-BHC	1	4.77	4.72	4.82	22.8	18.7
	2	4.26	4.21	4.31	18.9	
Heptachlor epoxide	1	5.69	5.64	5.74	21.8	18
	2	4.88	4.83	4.93	18.2	
Endosulfan I	1	6.08	6.03	6.13	21.8	16.4
	2	5.25	5.20	5.30	18.5	
gamma-Chlordane	1	5.95	5.90	6.00	21.3	12.5
	2	5.13	5.08	5.18	18.8	
Dieldrin	1	6.35	6.30	6.40	22.0	17.8
	2	5.52	5.47	5.57	18.4	
Endrin	1	6.58	6.53	6.63	21.8	15.3
	2	5.79	5.74	5.84	18.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-1MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

Lab Sample ID: Q1982-01MSD

Date(s) Analyzed: 05/12/2025 05/12/2025

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		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.79	6.74	6.84	21.2	12
	2	6.08	6.03	6.13	18.8	
4,4'-DDD	1	6.71	6.66	6.76	22.1	21
	2	5.93	5.88	5.98	17.9	
4,4'-DDT	1	7.02	6.97	7.07	22.4	16.9
	2	6.19	6.14	6.24	18.9	
Endrin aldehyde	1	6.92	6.87	6.97	21.3	15.2
	2	6.26	6.21	6.31	18.3	
Endosulfan sulfate	1	7.15	7.10	7.20	21.5	14.5
	2	6.49	6.44	6.54	18.6	
alpha-BHC	1	4.00	3.95	4.05	21.4	10.3
	2	3.40	3.35	3.45	19.3	
Aldrin	1	5.27	5.22	5.32	22.0	12
	2	4.37	4.32	4.42	19.5	
beta-BHC	1	4.52	4.47	4.57	20.8	9.6
	2	4.03	3.98	4.08	18.9	
delta-BHC	1	4.77	4.72	4.82	22.8	18.2
	2	4.26	4.21	4.31	19.0	
Endosulfan I	1	6.08	6.03	6.13	22.0	16.2
	2	5.25	5.20	5.30	18.7	
alpha-Chlordane	1	6.03	5.98	6.08	21.8	14.8
	2	5.19	5.14	5.24	18.8	
4,4'-DDE	1	6.20	6.15	6.25	21.4	14
	2	5.38	5.33	5.43	18.6	
Dieldrin	1	6.35	6.30	6.40	22.2	18.2
	2	5.52	5.47	5.57	18.5	
Endrin	1	6.58	6.53	6.63	22.0	15.7
	2	5.79	5.74	5.84	18.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-1MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

Lab Sample ID: Q1982-01MSD

Date(s) Analyzed: 05/12/2025 05/12/2025

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		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	21.5	16.1
	2	6.76	6.71	6.81	18.3	
Endrin ketone	1	7.63	7.58	7.68	21.7	14.9
	2	6.99	6.94	7.04	18.7	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	21.4	12.9
	2	3.73	3.68	3.78	18.8	
Heptachlor	1	4.93	4.88	4.98	22.2	16.1
	2	4.09	4.04	4.14	18.9	
Heptachlor epoxide	1	5.69	5.64	5.74	21.9	16.8
	2	4.88	4.83	4.93	18.5	
gamma-Chlordane	1	5.95	5.90	6.00	21.5	12.3
	2	5.13	5.08	5.18	19.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-8

Contract: CAMP02

Lab Code: CHEM

Case No.: Q1982

SAS No.: Q1982

SDG NO.: Q1982

Lab Sample ID: Q1982-07

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		CONCENTRATION	%RPD
			FROM	TO		
gamma-Chlordane	1	5.95	5.90	6.00	2.30	9.1
	2	5.13	5.08	5.18	2.10	
alpha-Chlordane	1	6.03	5.98	6.08	2.20	37.8
	2	5.19	5.14	5.24	1.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-9

Contract: CAMP02

Lab Code: CHEM

Case No.: Q1982

SAS No.: Q1982

SDG NO.: Q1982

Lab Sample ID: Q1982-08

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		CONCENTRATION	%RPD
			FROM	TO		
gamma-Chlordane	1	5.95	5.90	6.00	2.00	10.5
	2	5.13	5.08	5.18	1.80	
alpha-Chlordane	1	6.03	5.98	6.08	1.70	61
	2	5.19	5.14	5.24	0.90	
Dieldrin	1	6.35	6.30	6.40	0.30	87.5
	2	5.51	5.46	5.56	0.77	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 10:22
 Operator : AR\AJ
 Sample : Q1982-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 12:08:01 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	36816909	256.4E6	18.432	17.535
28) SA Decachlor...	9.073	8.075	54227500	265.2E6	16.392	14.352

Target Compounds

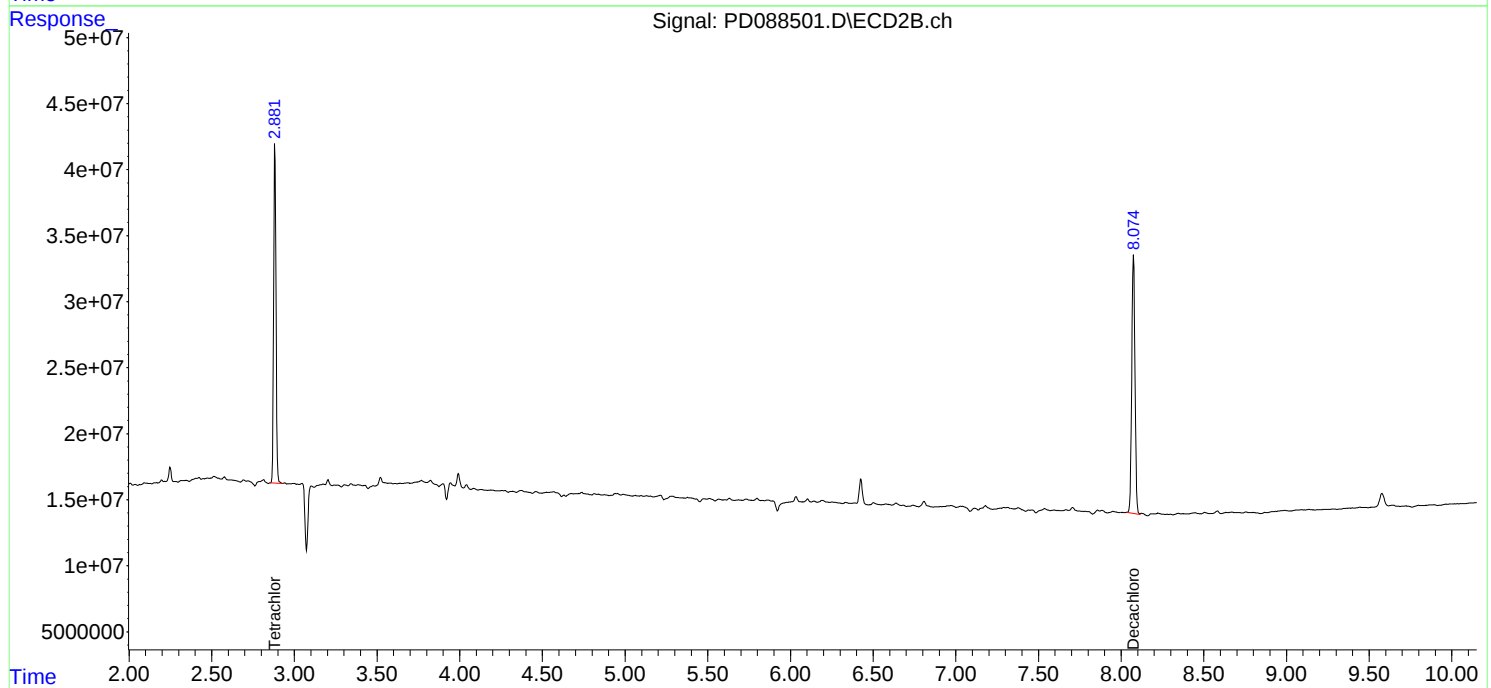
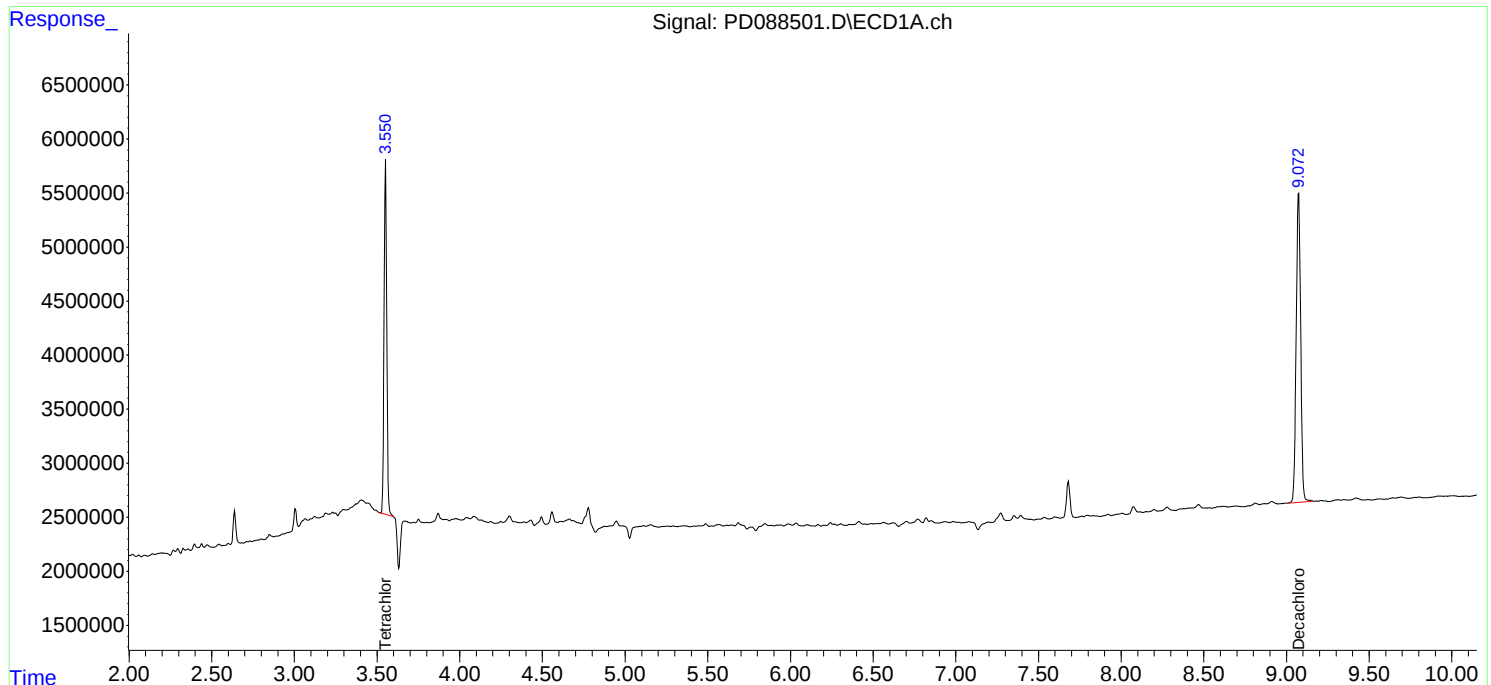
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

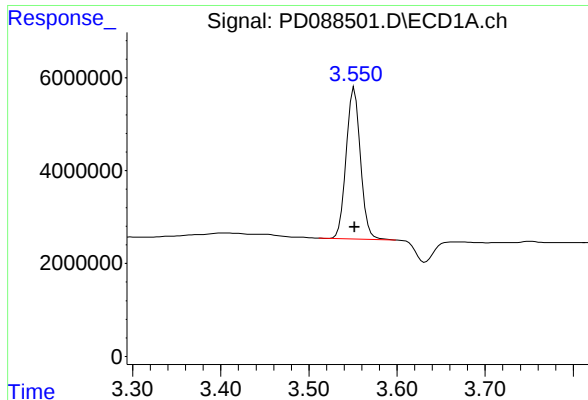
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 10:22
Operator : AR\AJ
Sample : Q1982-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 12:08:01 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

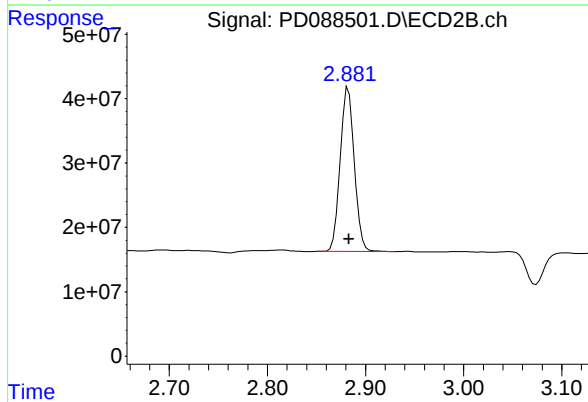




#1 Tetrachloro-m-xylene

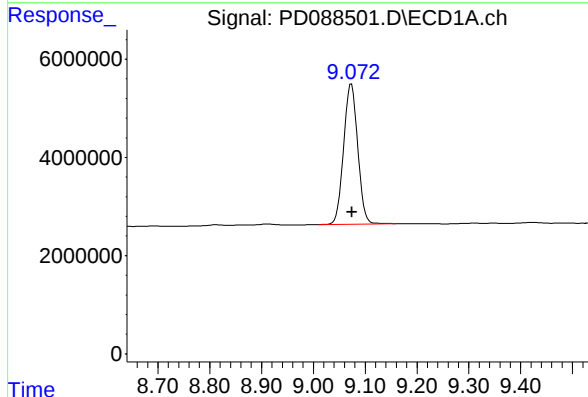
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 36816909
Conc: 18.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1



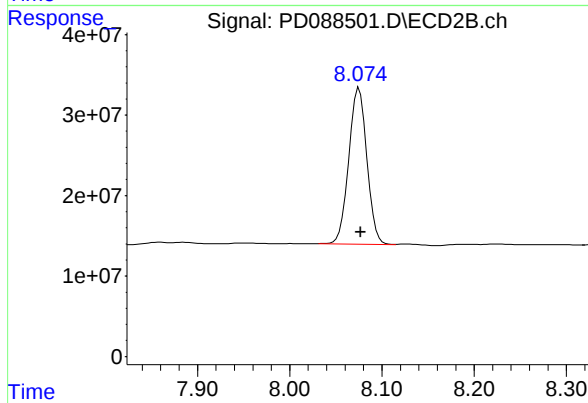
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 256386756
Conc: 17.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 54227500
Conc: 16.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 265222103
Conc: 14.35 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 10:35
 Operator : AR\AJ
 Sample : Q1982-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-2B

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/14/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 12:08:25 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 x 0.5 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	39958325	275.4E6	20.005	18.832
28) SA Decachlor...	9.073	8.073	58928727	283.8E6	17.813	15.355m

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 : PD088502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 10:35
Operator : AR\AJ
Sample : Q1982-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-2B

Manual Integrations

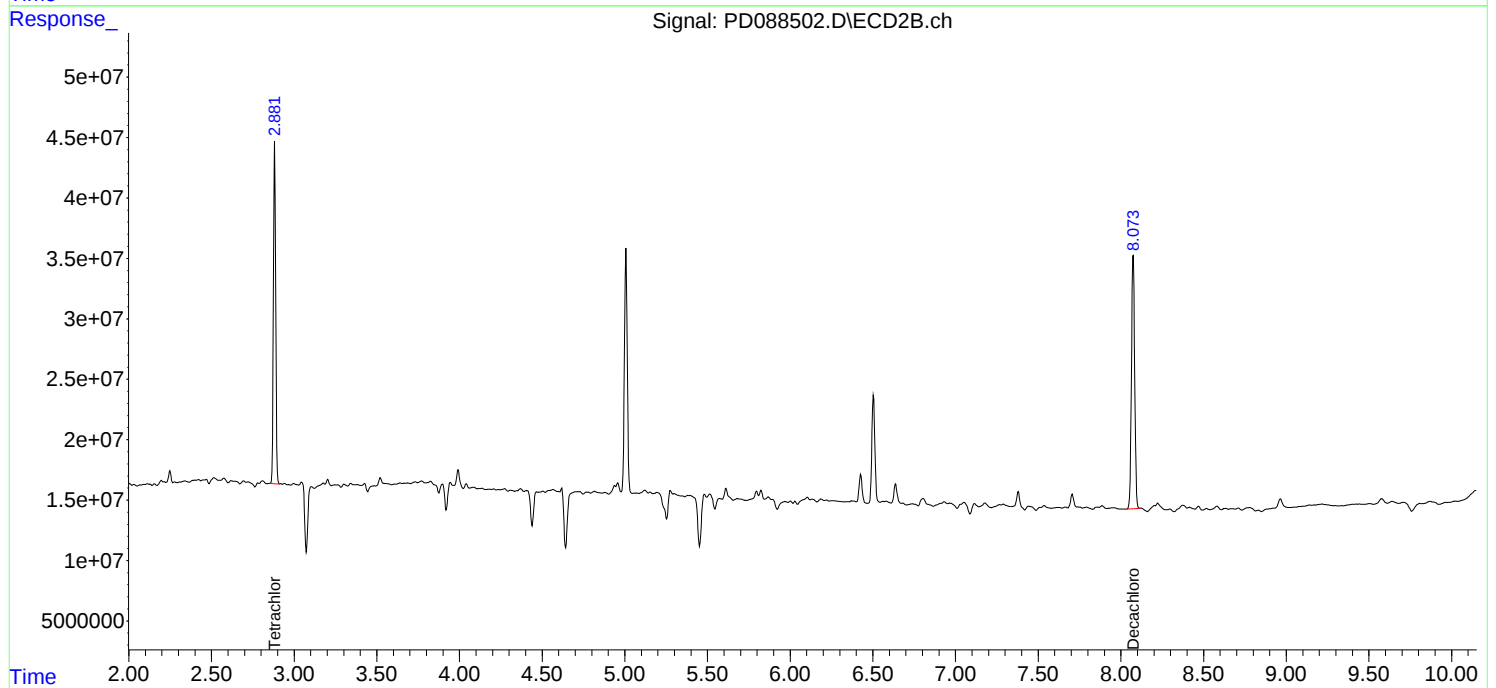
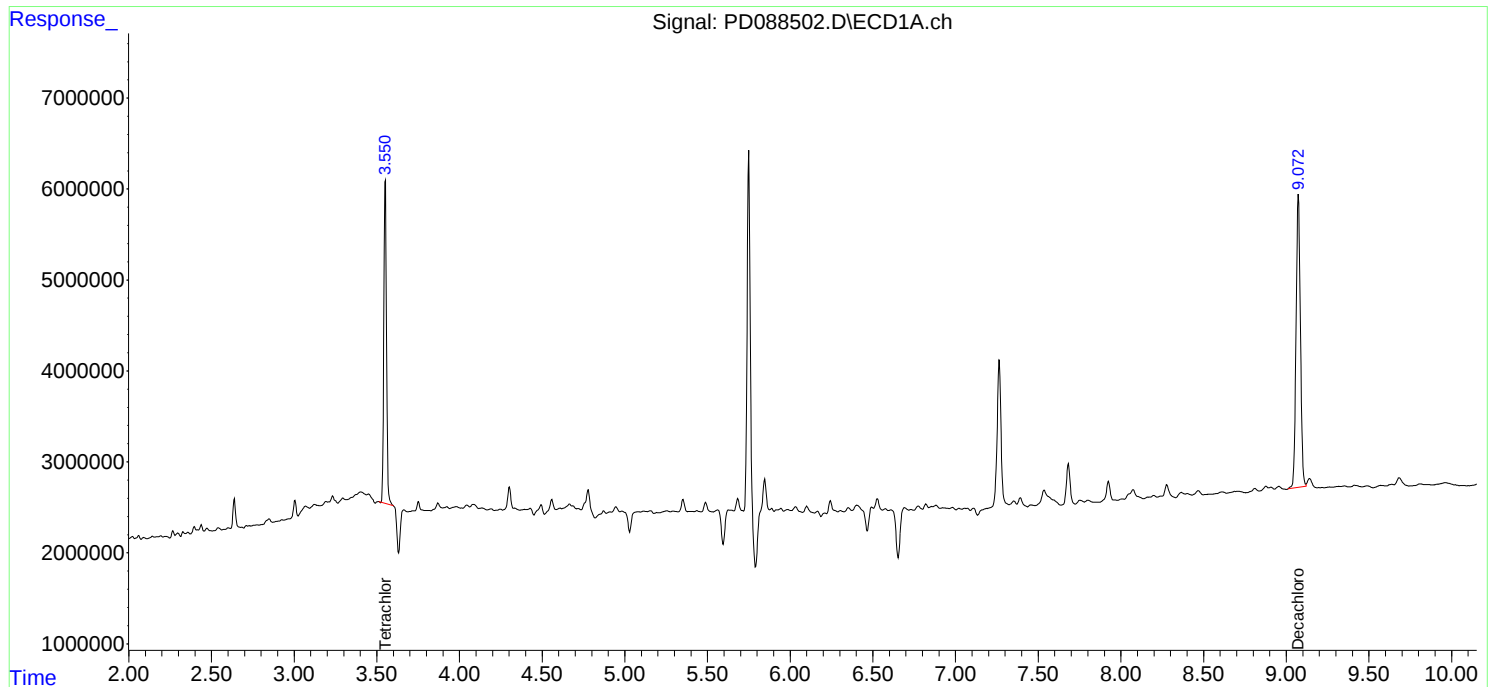
APPROVED

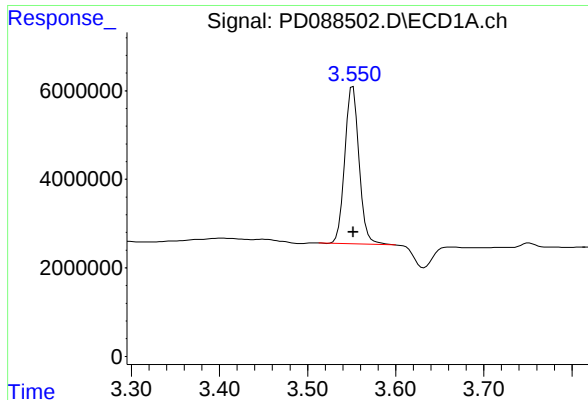
Reviewed By :Abdul Mirza 05/14/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 12:08:25 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





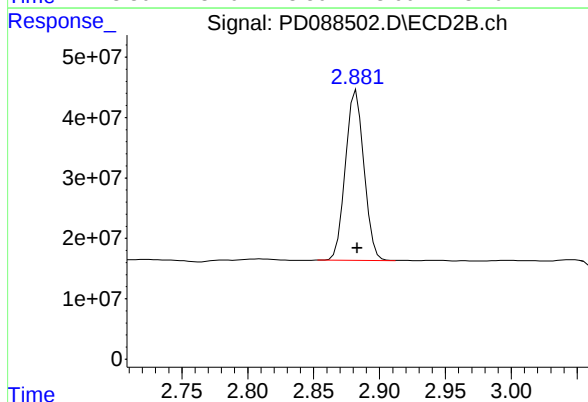
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 39958325
Conc: 20.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2B

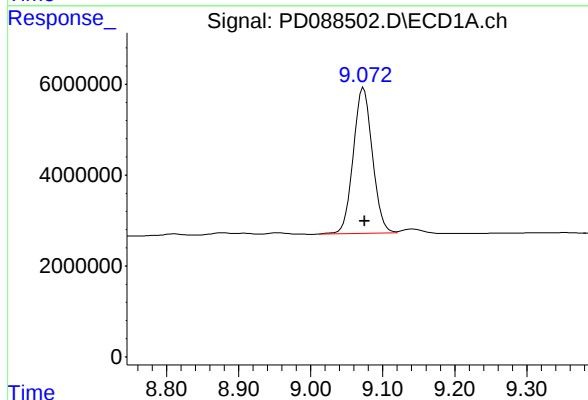
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/20/2025



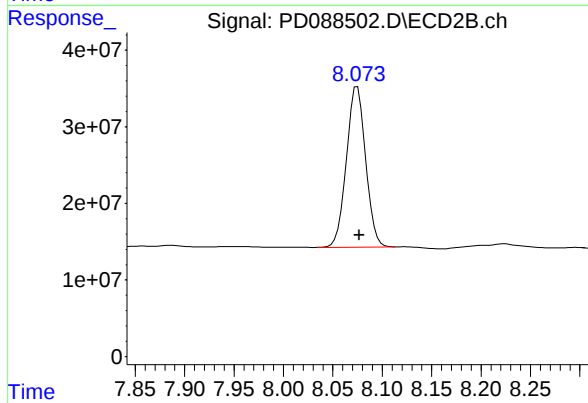
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 275360860
Conc: 18.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.001 min
Response: 58928727
Conc: 17.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 283759445
Conc: 15.36 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 20:44
 Operator : AR\AJ
 Sample : Q1982-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-3

A
B
C
D
E
F
G
H
I
J
K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:30:12 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	2.883	44277339	309.2E6	22.168	21.146
28) SA Decachlor...	9.074	8.075	74870189	363.3E6	22.632	19.657

Target Compounds

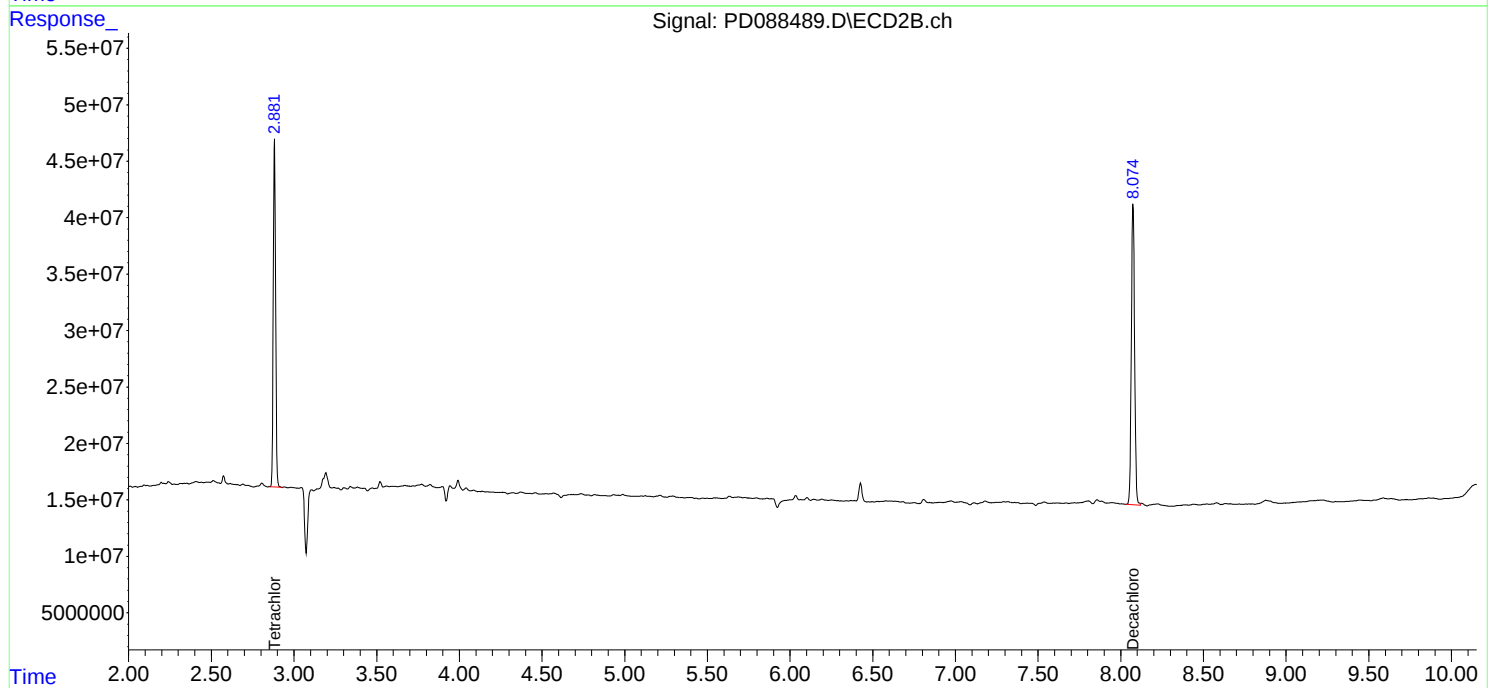
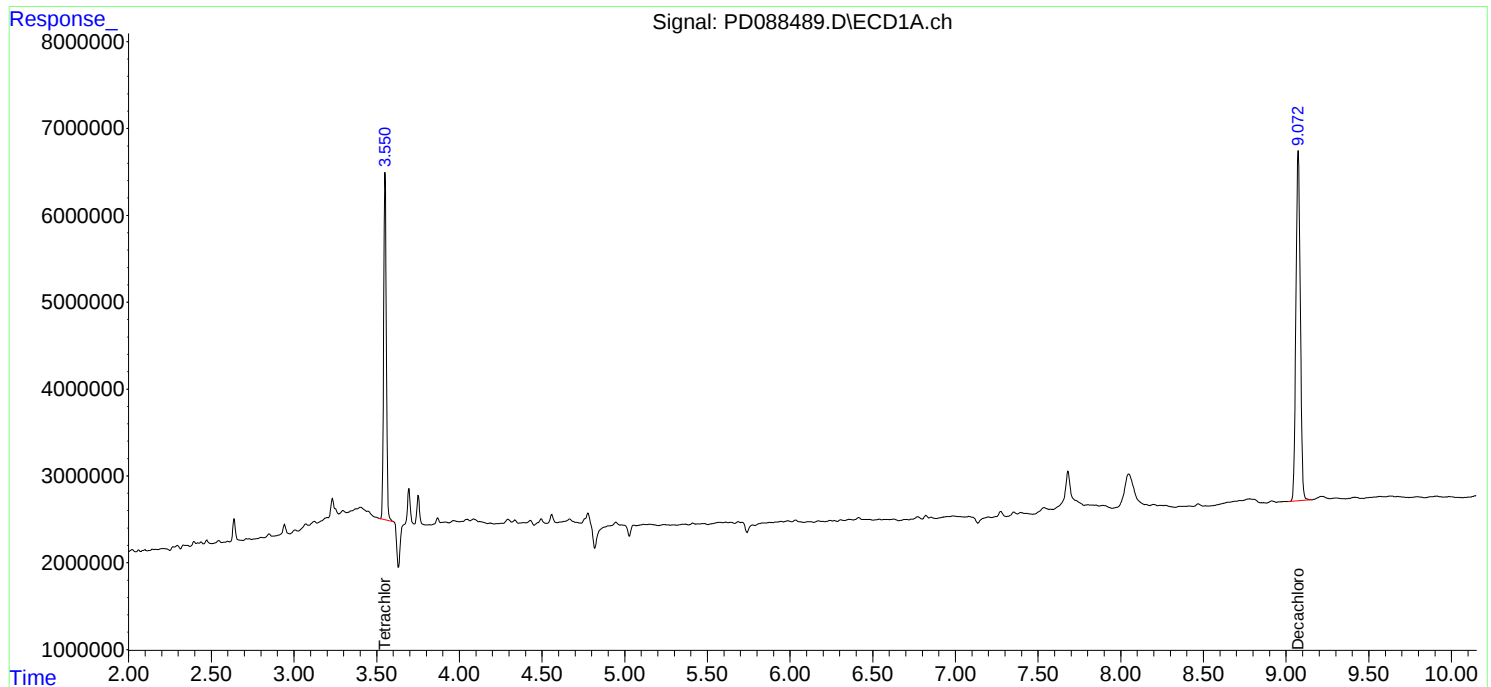
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

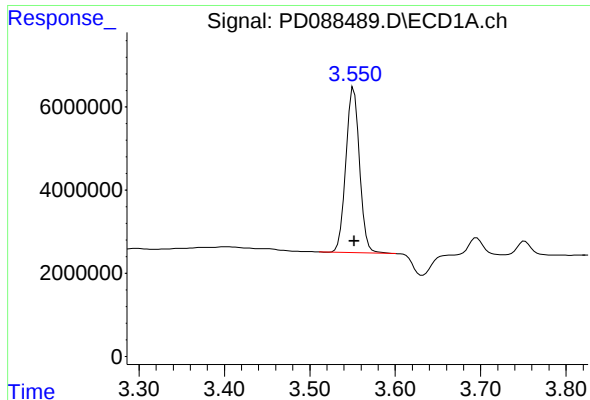
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 20:44
Operator : AR\AJ
Sample : Q1982-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:30:12 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

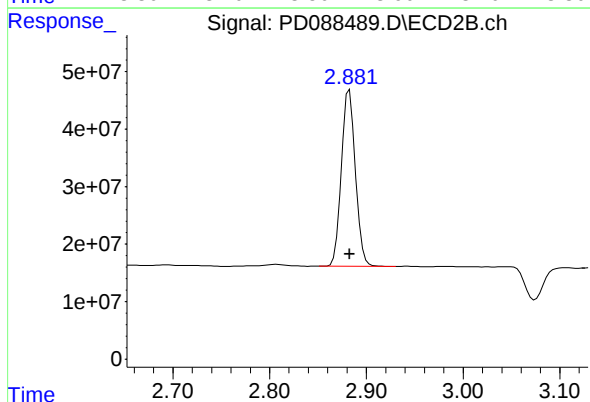




#1 Tetrachloro-m-xylene

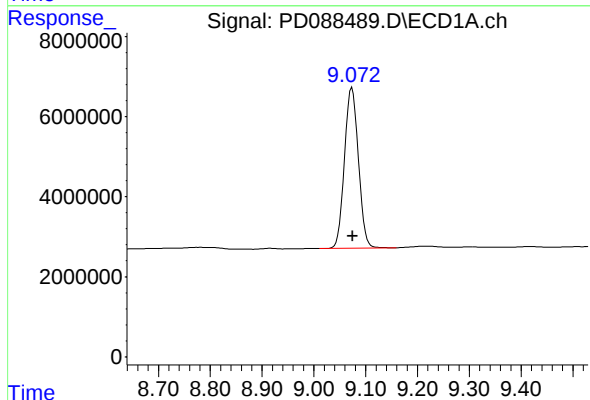
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 44277339
Conc: 22.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-3



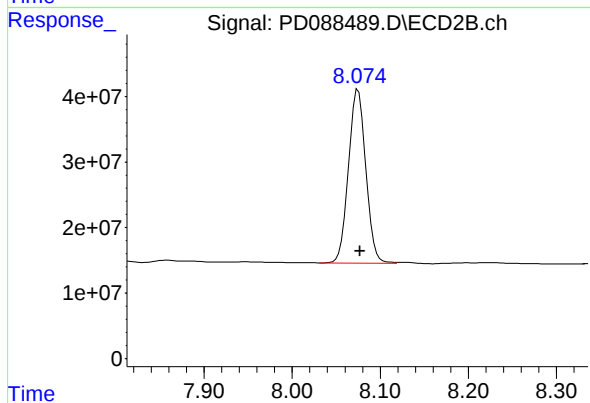
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 309191833
Conc: 21.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.001 min
Response: 74870189
Conc: 22.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 363250538
Conc: 19.66 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 10:49
 Operator : AR\AJ
 Sample : Q1982-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-4

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/19/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 12:08:51 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...	3.550	2.881	27959457	196.9E6	13.998m	13.466m
28) SA Decachlor...	9.073	8.074	38700460	170.5E6	11.699	9.227

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 : PD088503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 10:49
Operator : AR\AJ
Sample : Q1982-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

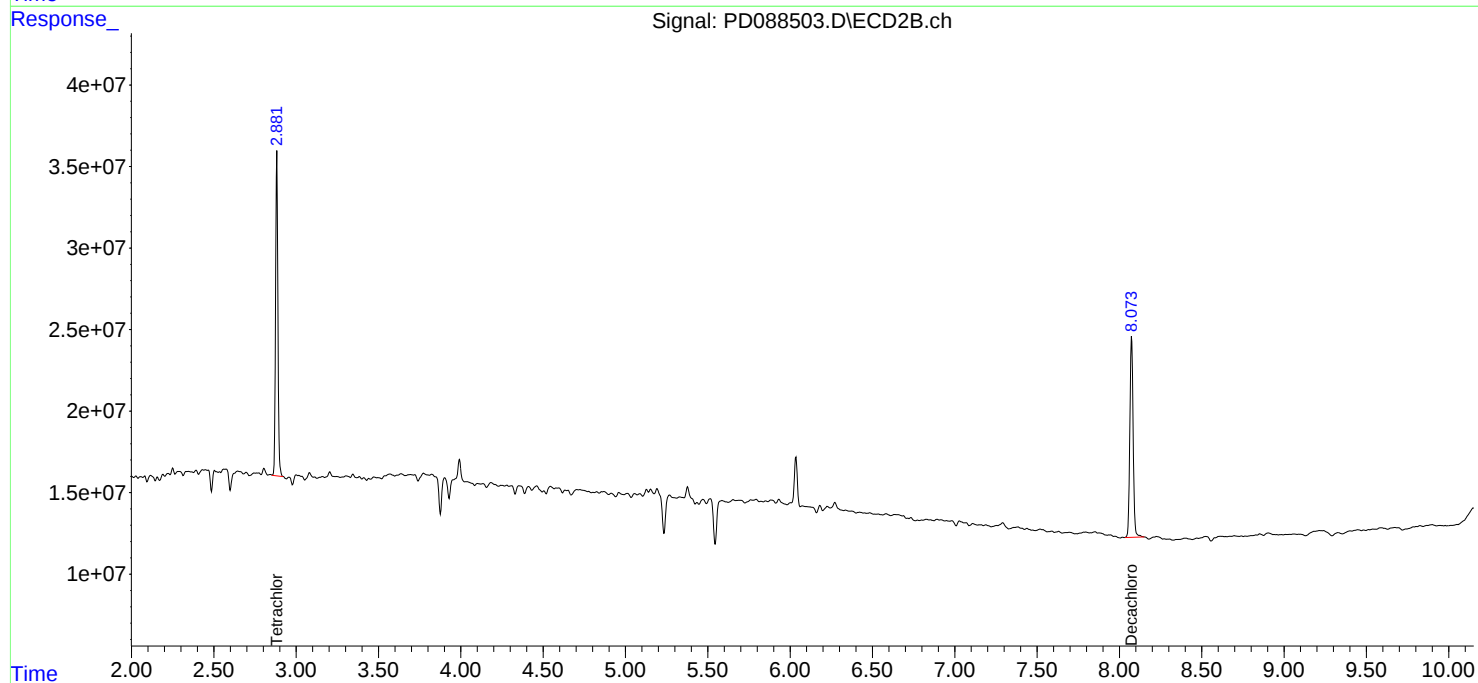
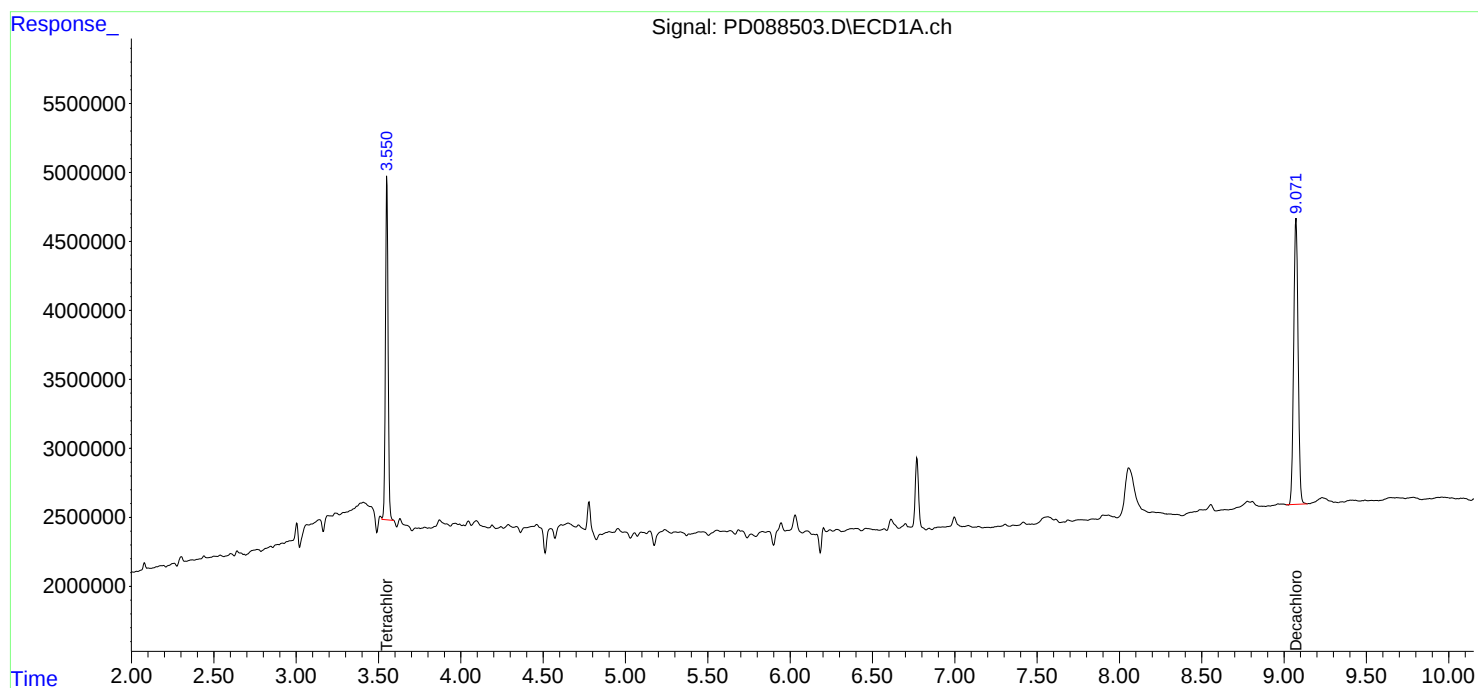
Instrument :
ECD_D
ClientSampleId :
TP-4

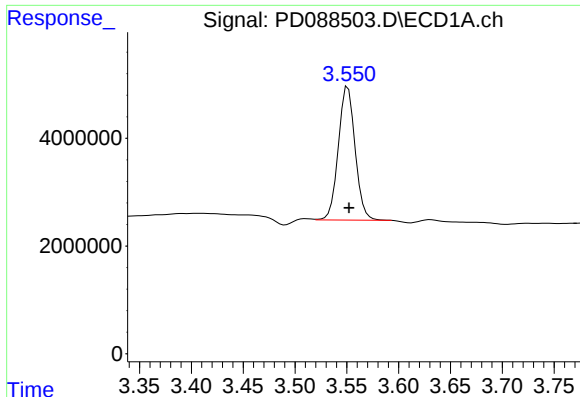
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/19/2025
Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 12:08:51 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





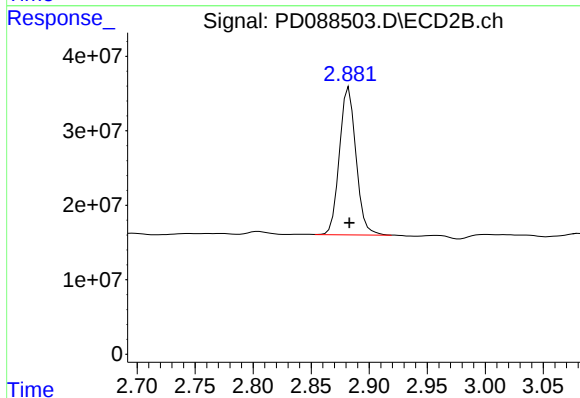
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 27959457
Conc: 14.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4

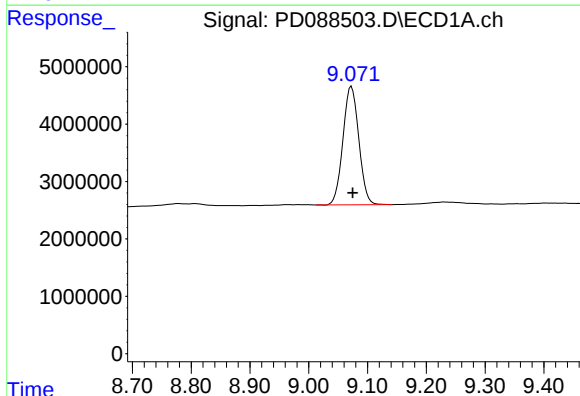
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



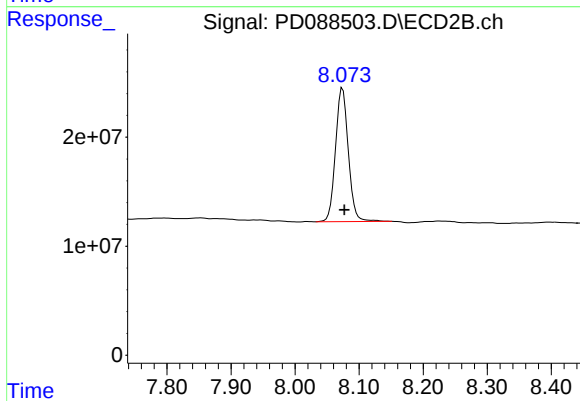
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 196899379
Conc: 13.47 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 38700460
Conc: 11.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 170509928
Conc: 9.23 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 11:02
 Operator : AR\AJ
 Sample : Q1982-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 12:09:15 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	45562070	278.6E6	22.811	19.055
28) SA Decachlor...	9.073	8.074	49000670	205.4E6	14.812	11.116

Target Compounds

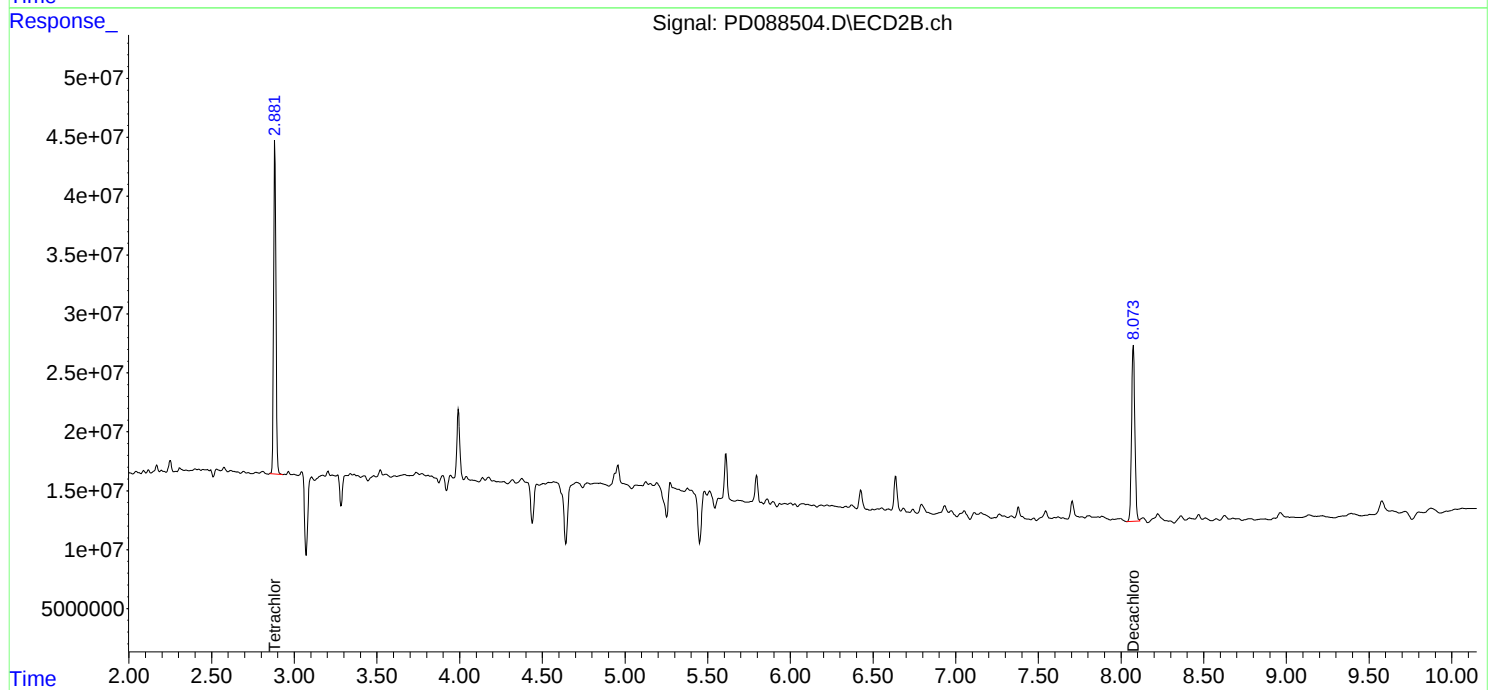
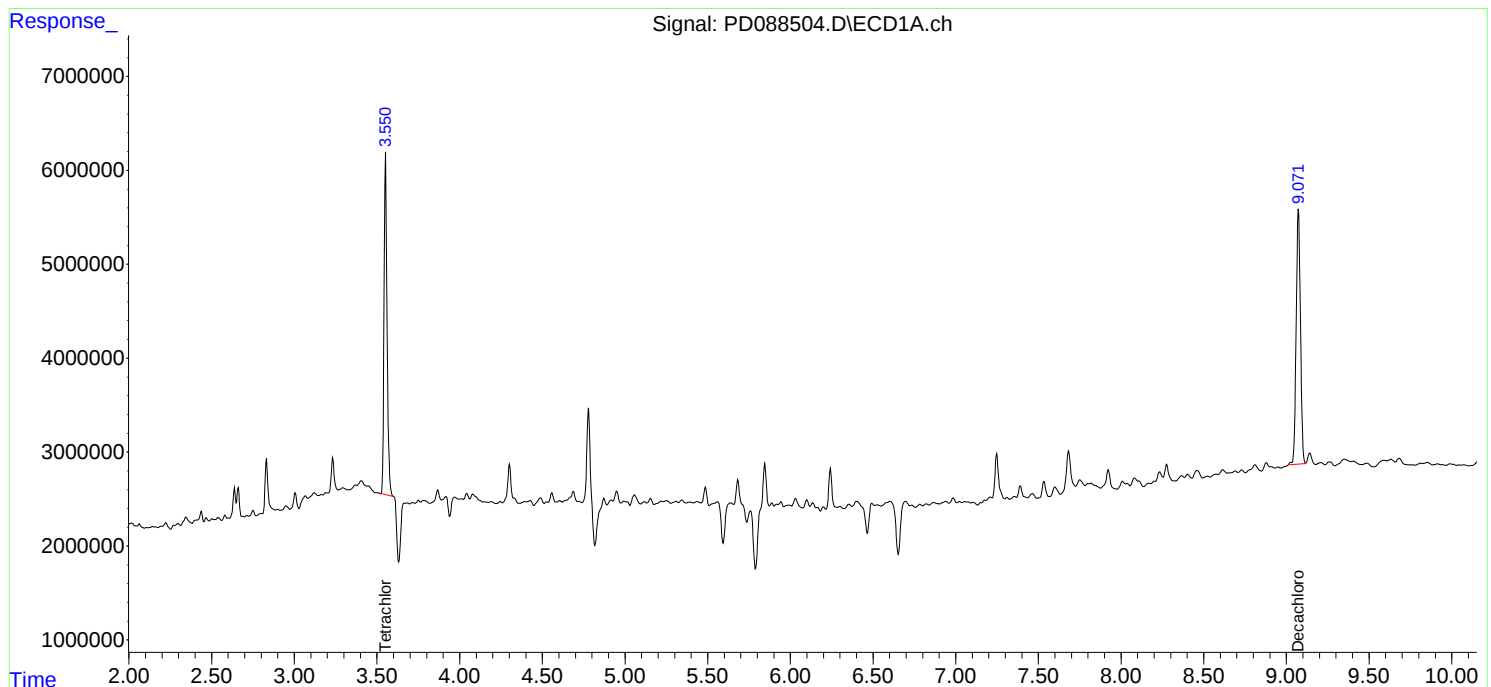
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

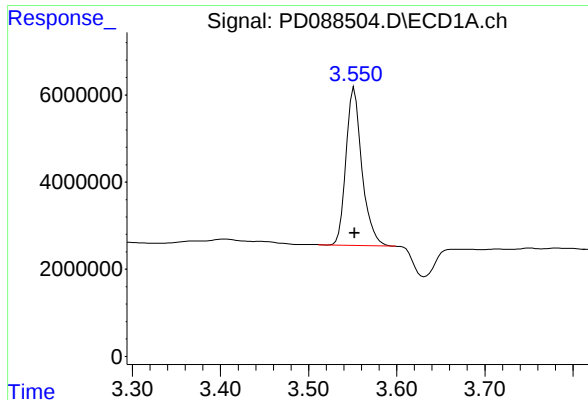
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 11:02
Operator : AR\AJ
Sample : Q1982-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 12:09:15 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

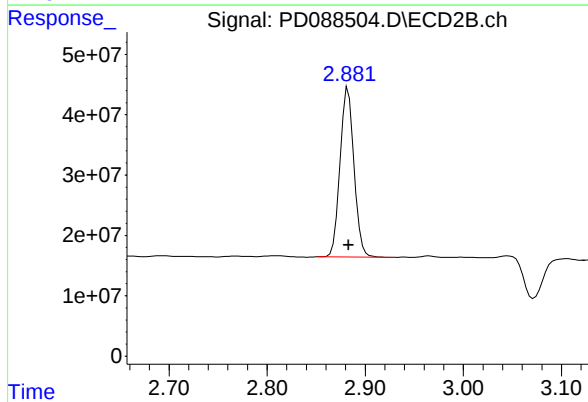




#1 Tetrachloro-m-xylene

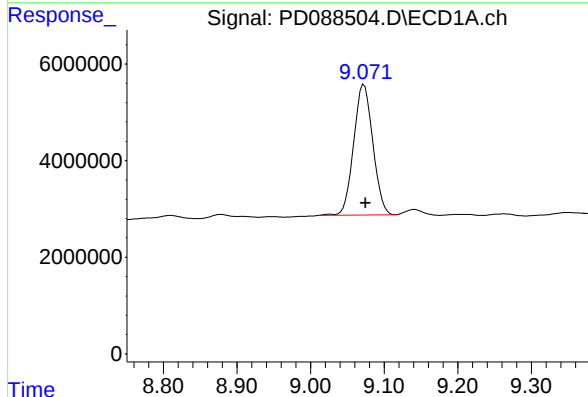
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 45562070
Conc: 22.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5



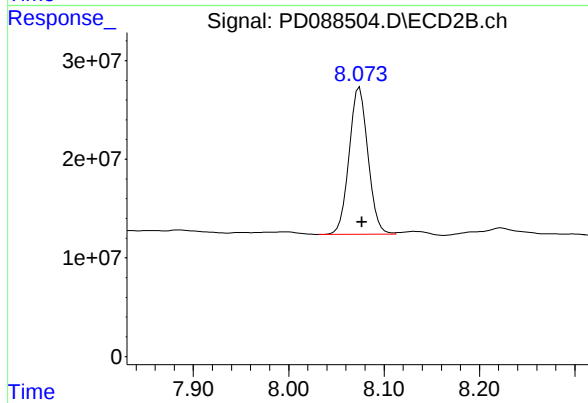
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 278608559
Conc: 19.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 49000670
Conc: 14.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 205419017
Conc: 11.12 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 21:25
 Operator : AR\AJ
 Sample : Q1982-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-6

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:30:43 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 x 0.5 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...	3.550	2.883	41308726	290.7E6	20.681m	19.884
28) SA Decachlor...	9.074	8.074	58363641	242.1E6	17.643	13.099 #
Target Compounds						
6) B beta-BHC	4.518	4.040	724859	4567239	0.447	0.494m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 21:25
Operator : AR\AJ
Sample : Q1982-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

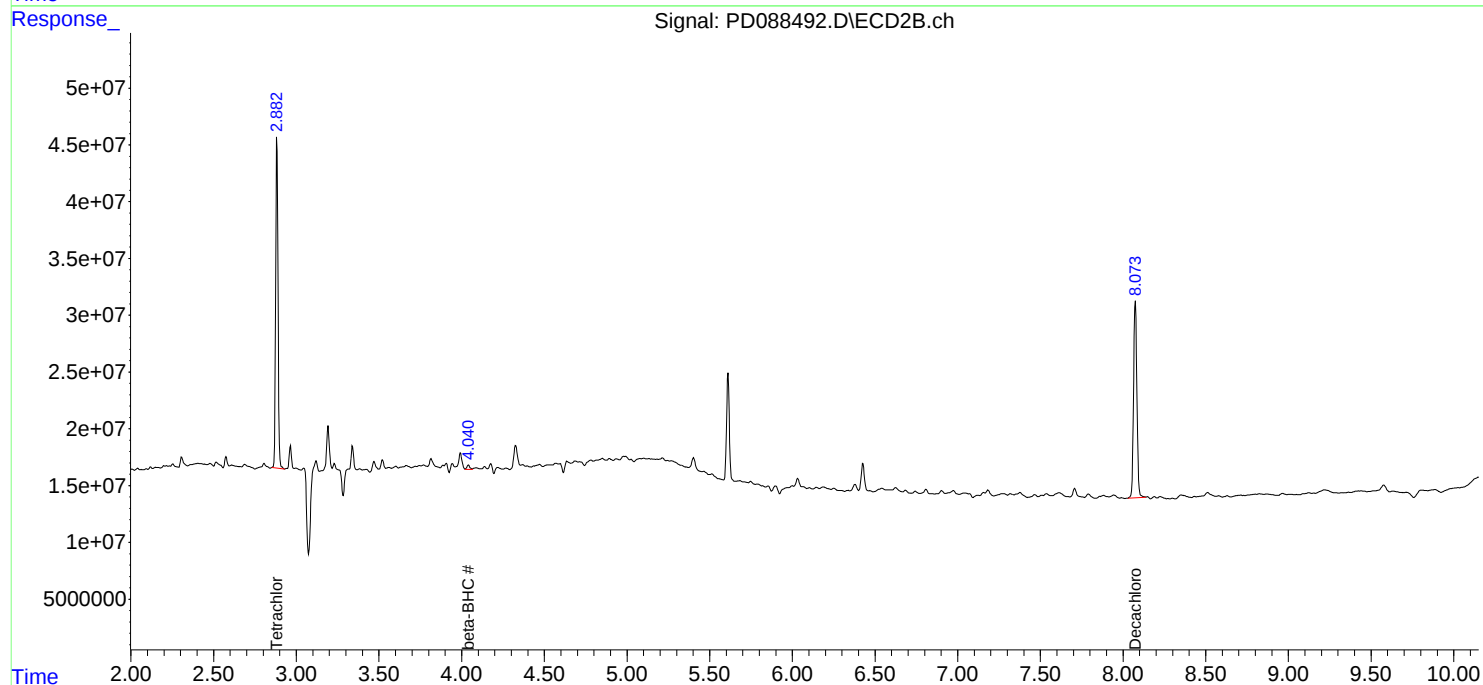
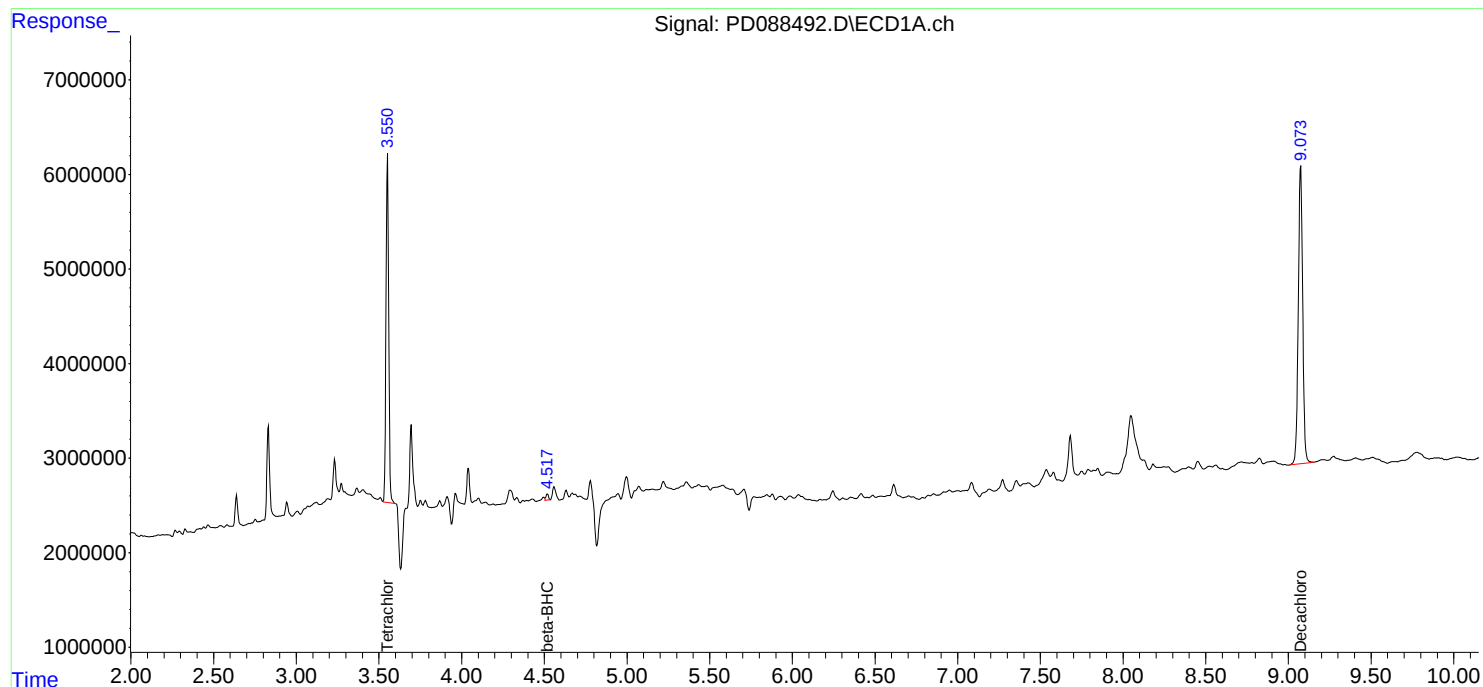
Instrument :
ECD_D
ClientSampleId :
TP-6

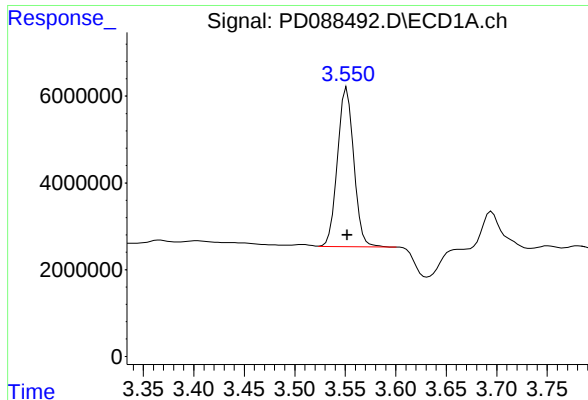
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:30:43 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





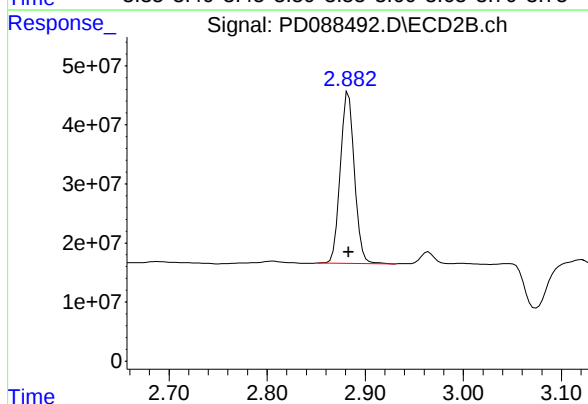
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 41308726
Conc: 20.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-6

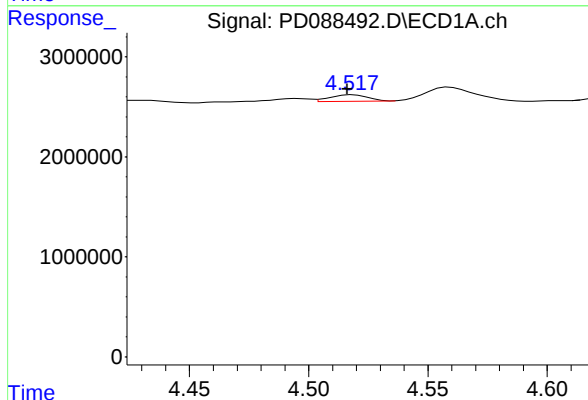
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



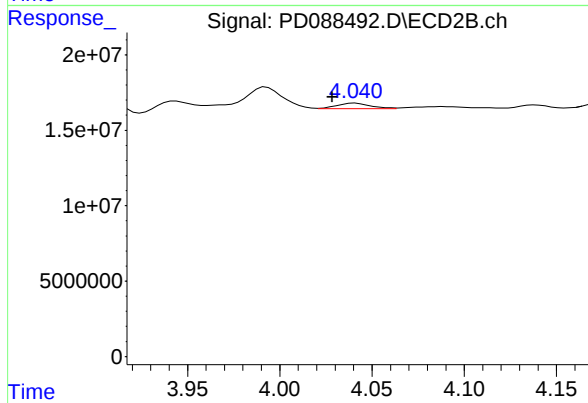
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 290738685
Conc: 19.88 ng/ml



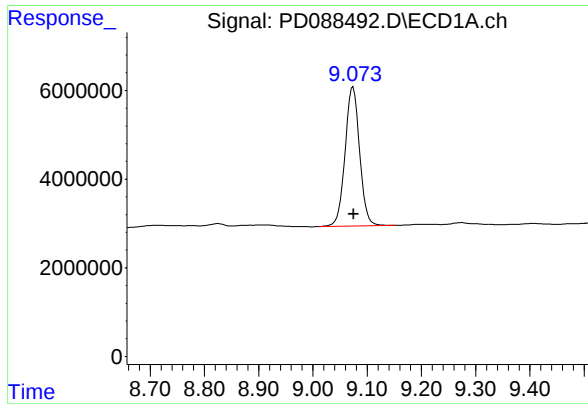
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 724859
Conc: 0.45 ng/ml



#6 beta-BHC

R.T.: 4.040 min
Delta R.T.: 0.011 min
Response: 4567239
Conc: 0.49 ng/ml m



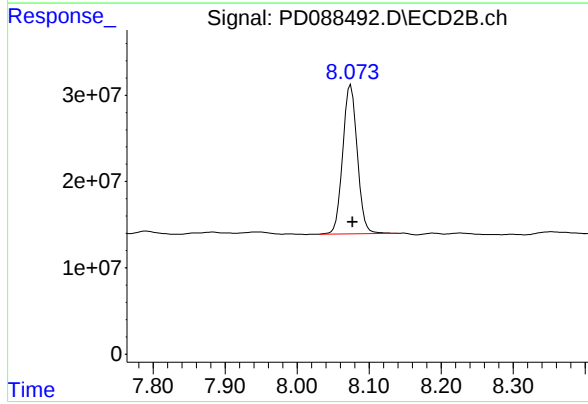
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 58363641
Conc: 17.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-6

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 242068133
Conc: 13.10 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088505.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 11:16
 Operator : AR\AJ
 Sample : Q1982-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-8

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/14/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 12:09:37 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 x 0.5 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	40006546	277.1E6	20.029	18.950
28) SA Decachlor...	9.073	8.074	57439512	242.3E6	17.363m	13.114
Target Compounds						
10) B gamma-Chl...	5.947	5.126	21194366	107.7E6	5.851	5.305m
11) B alpha-Chl...	6.032	5.191	19981896	73550009	5.536	3.752m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 11:16
Operator : AR\AJ
Sample : Q1982-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-8

Manual Integrations

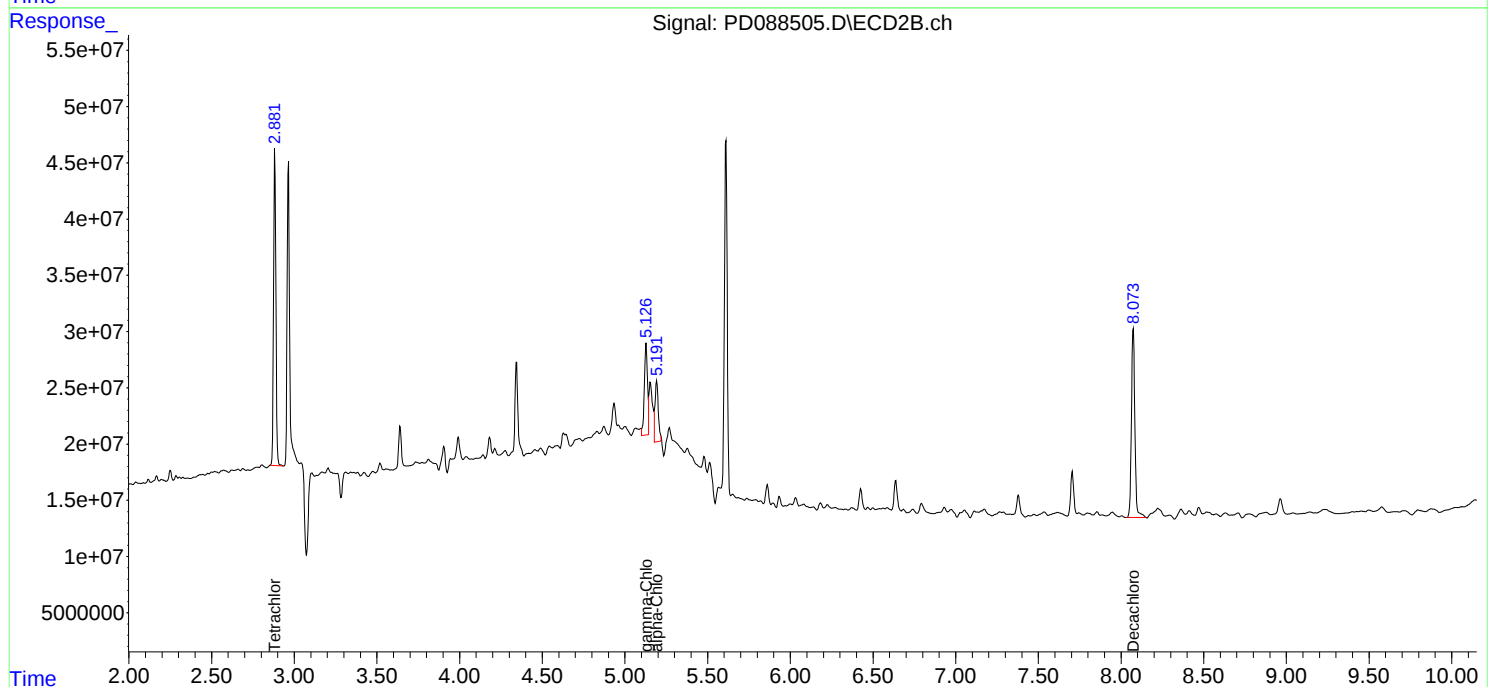
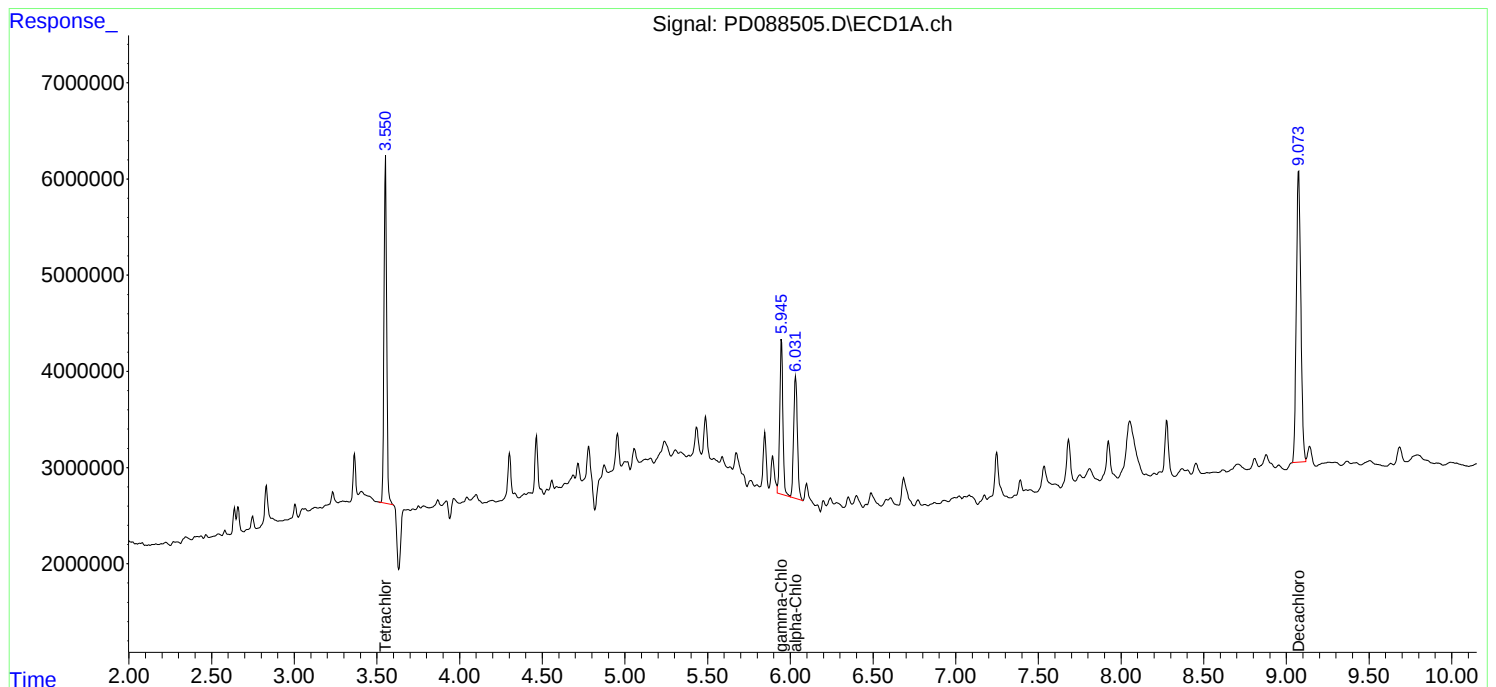
APPROVED

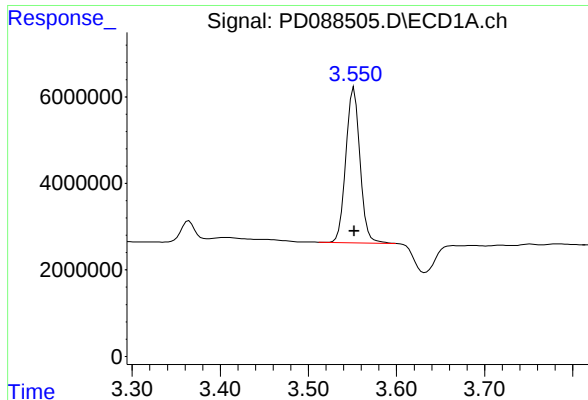
Reviewed By :Abdul Mirza 05/14/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 12:09:37 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: 40006546
Conc: 20.03 ng/ml

Instrument :

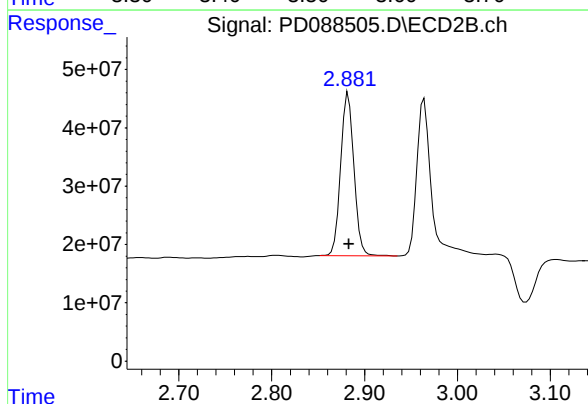
ECD_D

ClientSampleId :

TP-8

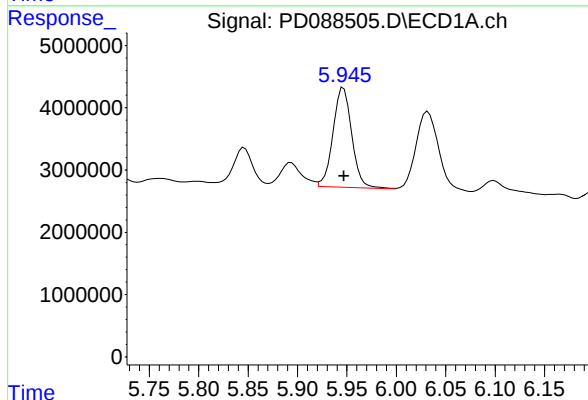
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/20/2025



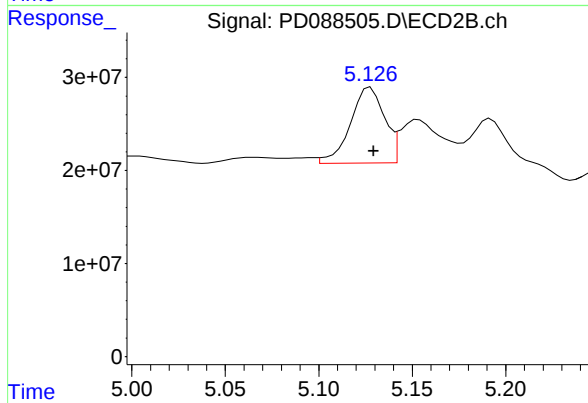
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 277072818
Conc: 18.95 ng/ml



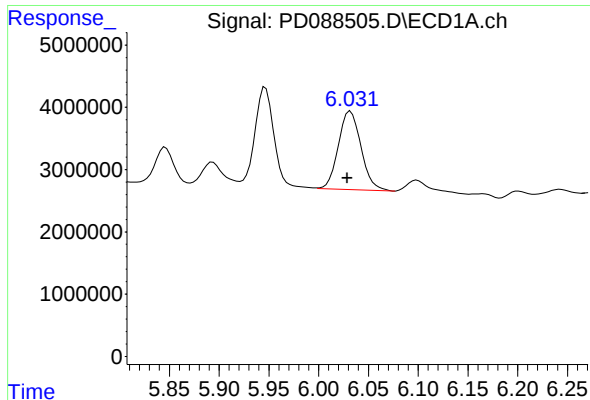
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 21194366
Conc: 5.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 107676326
Conc: 5.31 ng/ml m



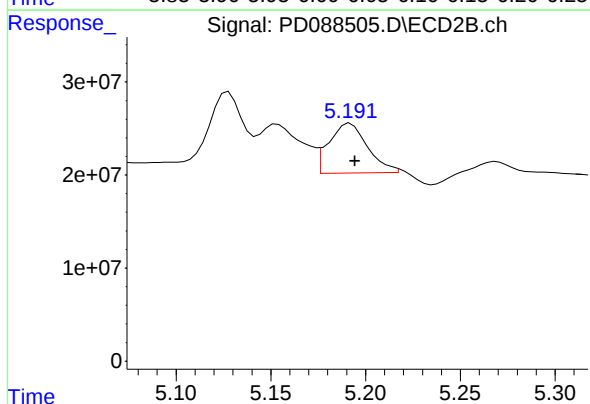
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 19981896
Conc: 5.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-8

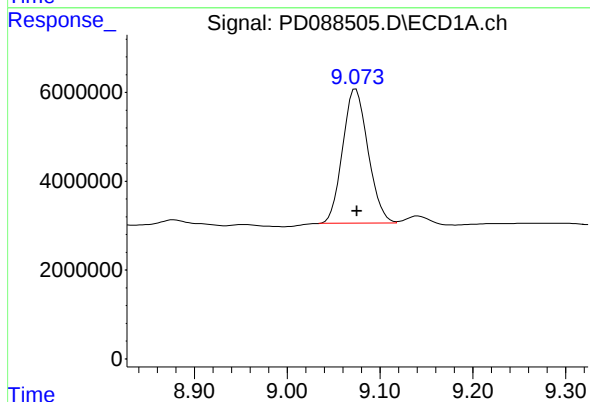
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/20/2025



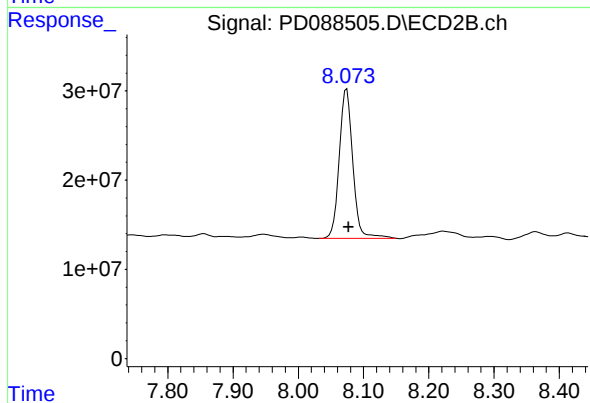
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 73550009
Conc: 3.75 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 57439512
Conc: 17.36 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 242342792
Conc: 13.11 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 17:29
 Operator : AR\AJ
 Sample : Q1982-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-9

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/14/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 22:45:09 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	40396811	277.0E6	20.225	18.946
28) SA Decachlor...	9.073	8.072	66255526	278.5E6	20.028m	15.070m
Target Compounds						
10) B gamma-Chl...	5.945	5.126	17989199	90384046	4.967m	4.453m
11) B alpha-Chl...	6.032	5.191	15300888	43388580	4.239	2.213m#
13) MA Dieldrin	6.350	5.512	2651994	37587095	0.743m	1.886m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:29
Operator : AR\AJ
Sample : Q1982-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-9

Manual Integrations

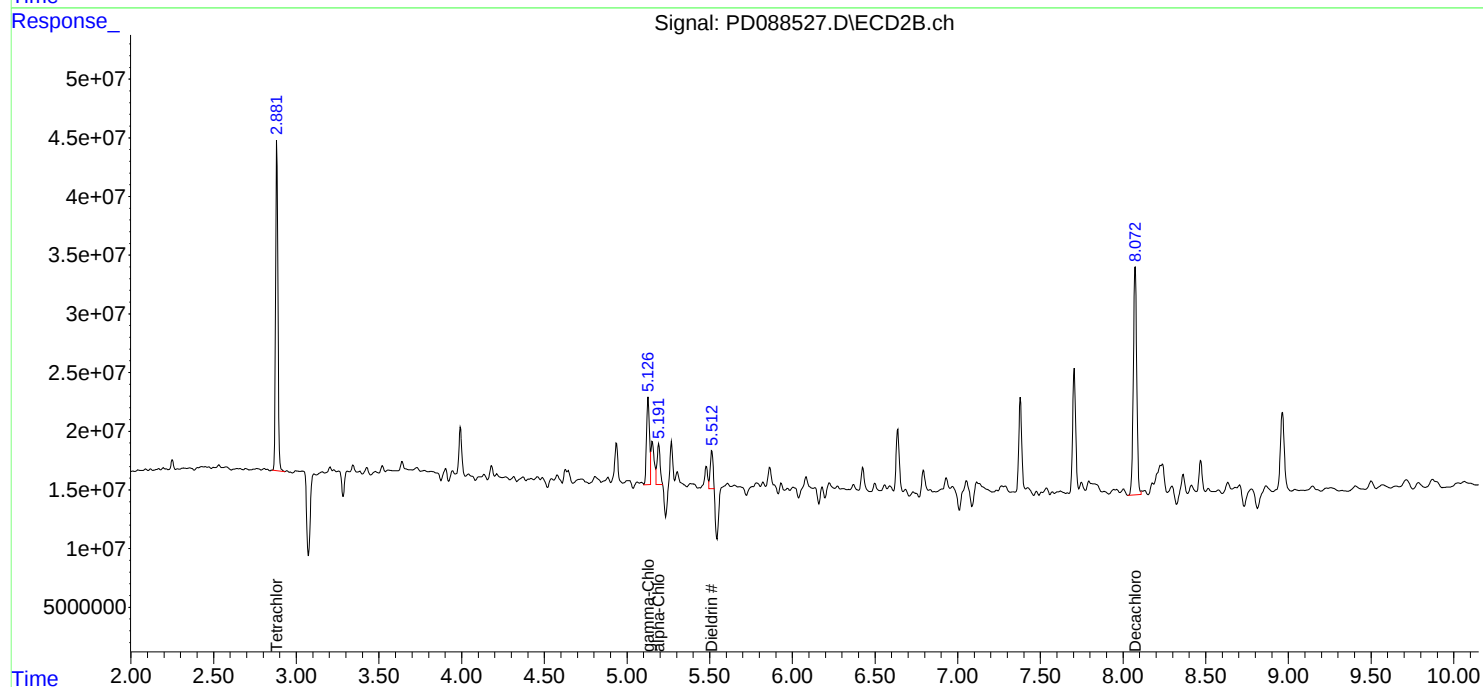
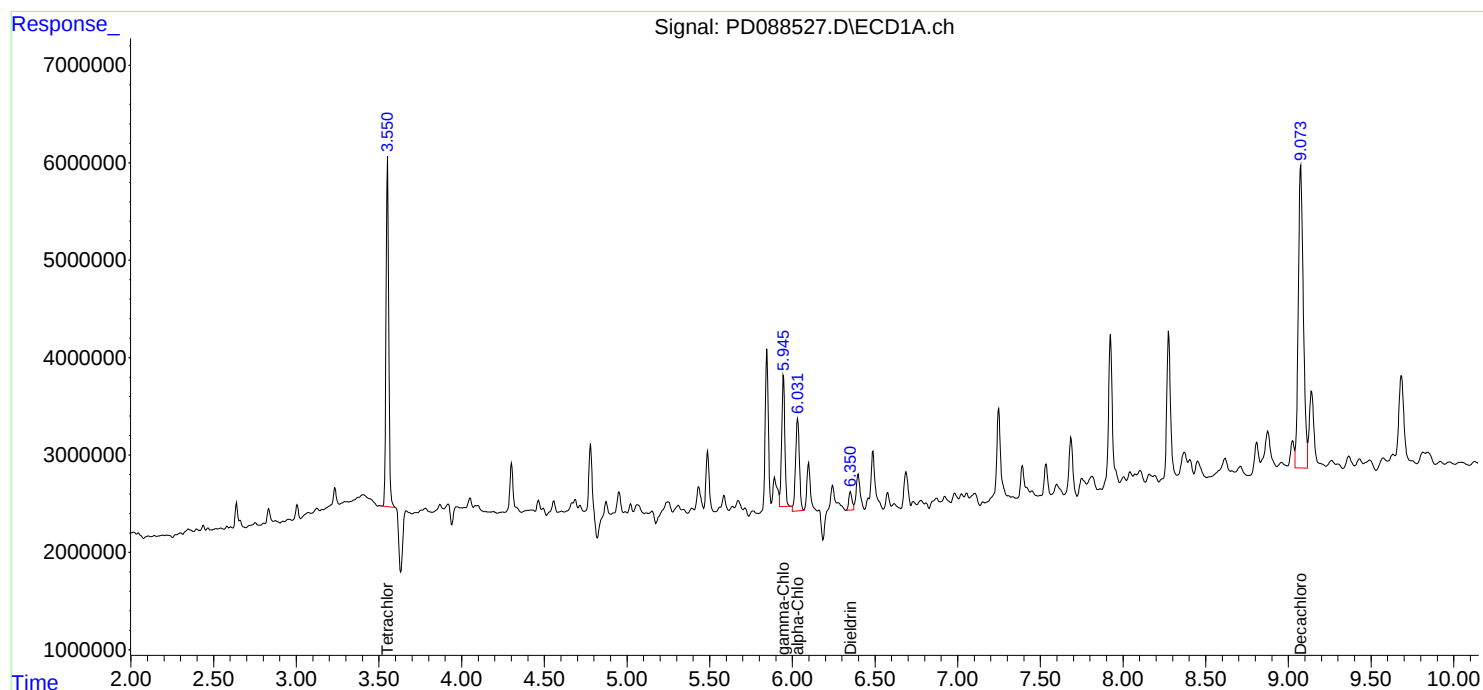
APPROVED

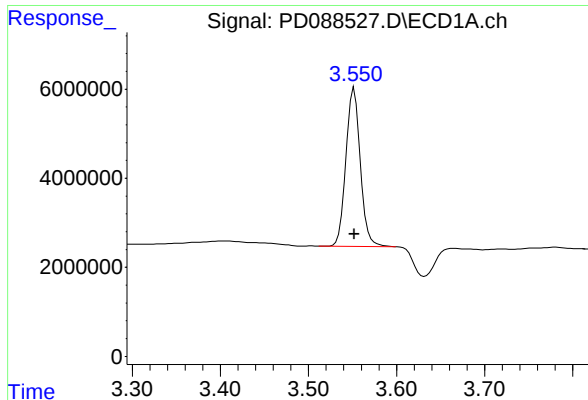
Reviewed By :Abdul Mirza 05/14/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:45:09 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





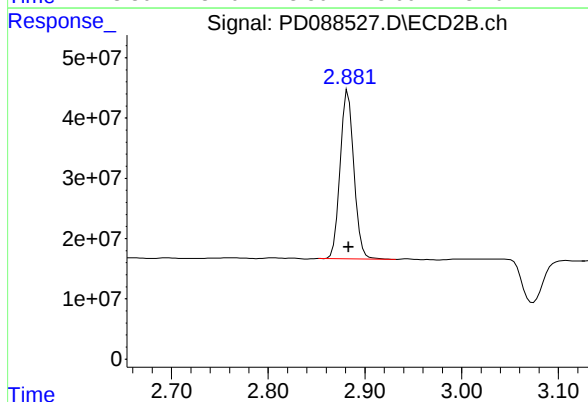
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
 Delta R.T.: 0.000 min
 Response: 40396811
 Conc: 20.22 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 TP-9

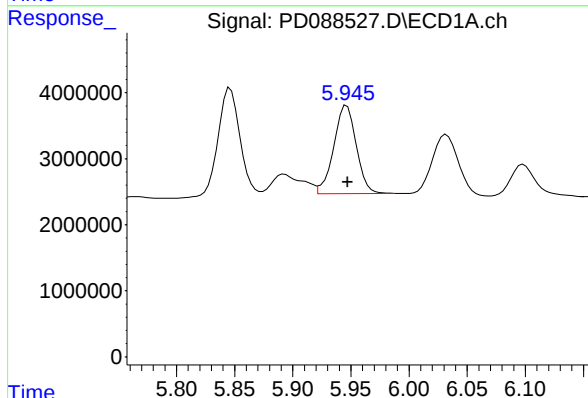
Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/14/2025
 Supervised By :mohammad ahmed 05/20/2025



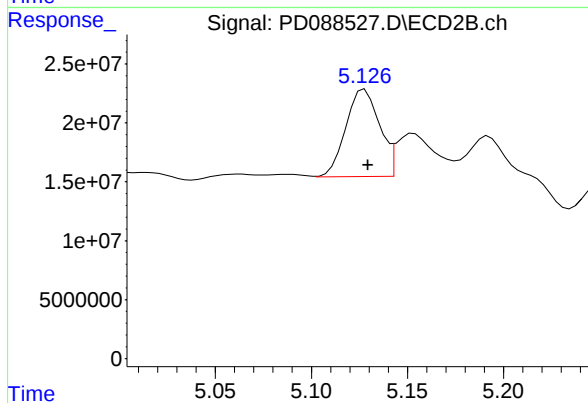
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
 Delta R.T.: 0.000 min
 Response: 277026865
 Conc: 18.95 ng/ml



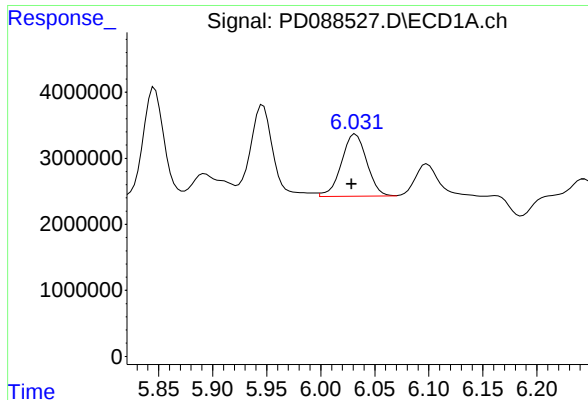
#10 gamma-Chlordane

R.T.: 5.945 min
 Delta R.T.: -0.002 min
 Response: 17989199
 Conc: 4.97 ng/ml m



#10 gamma-Chlordane

R.T.: 5.126 min
 Delta R.T.: -0.003 min
 Response: 90384046
 Conc: 4.45 ng/ml m



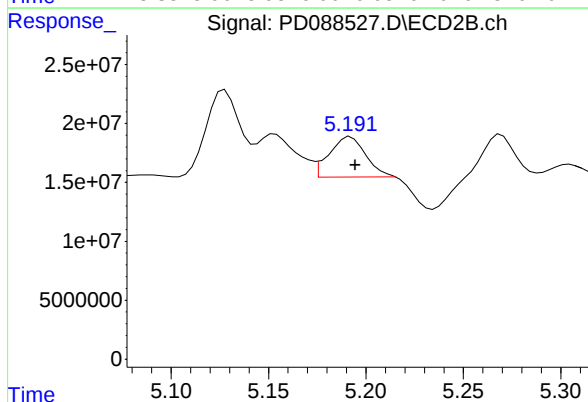
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 15300888
Conc: 4.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-9

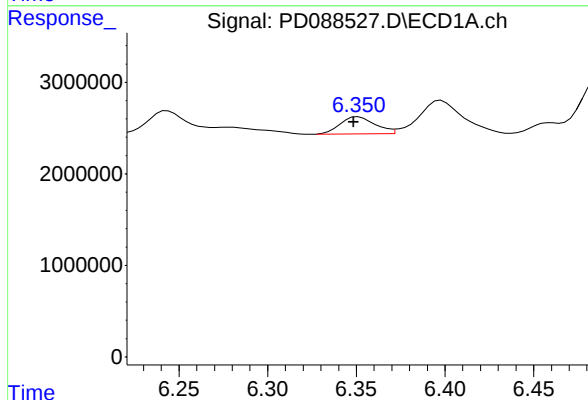
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/20/2025



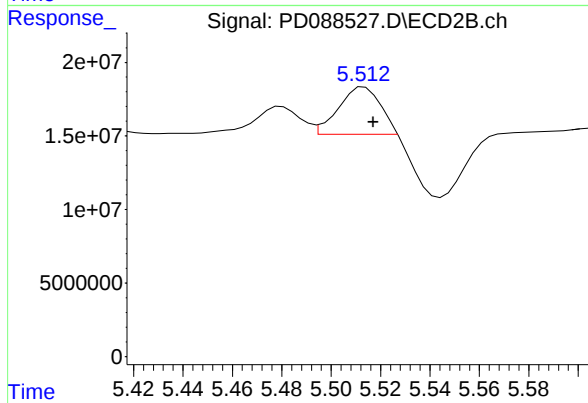
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 43388580
Conc: 2.21 ng/ml



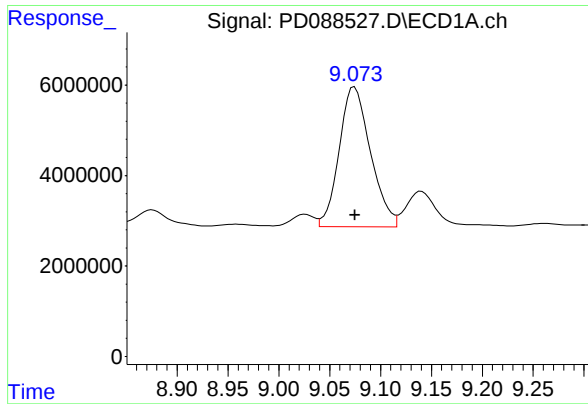
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.001 min
Response: 2651994
Conc: 0.74 ng/ml



#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 37587095
Conc: 1.89 ng/ml



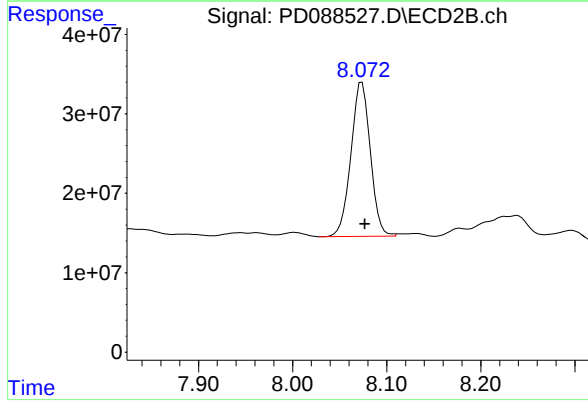
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 66255526
Conc: 20.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-9

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/14/2025
Supervised By :mohammad ahmed 05/20/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 278493463
Conc: 15.07 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 15:16
Operator : AR\AJ
Sample : PB167950BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB167950BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:25:01 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...	3.558	2.880	37026533	267.0E6	18.537	18.263
28) SA Decachlor...	9.083	8.076	69899990	349.2E6	21.130	18.898

Target Compounds

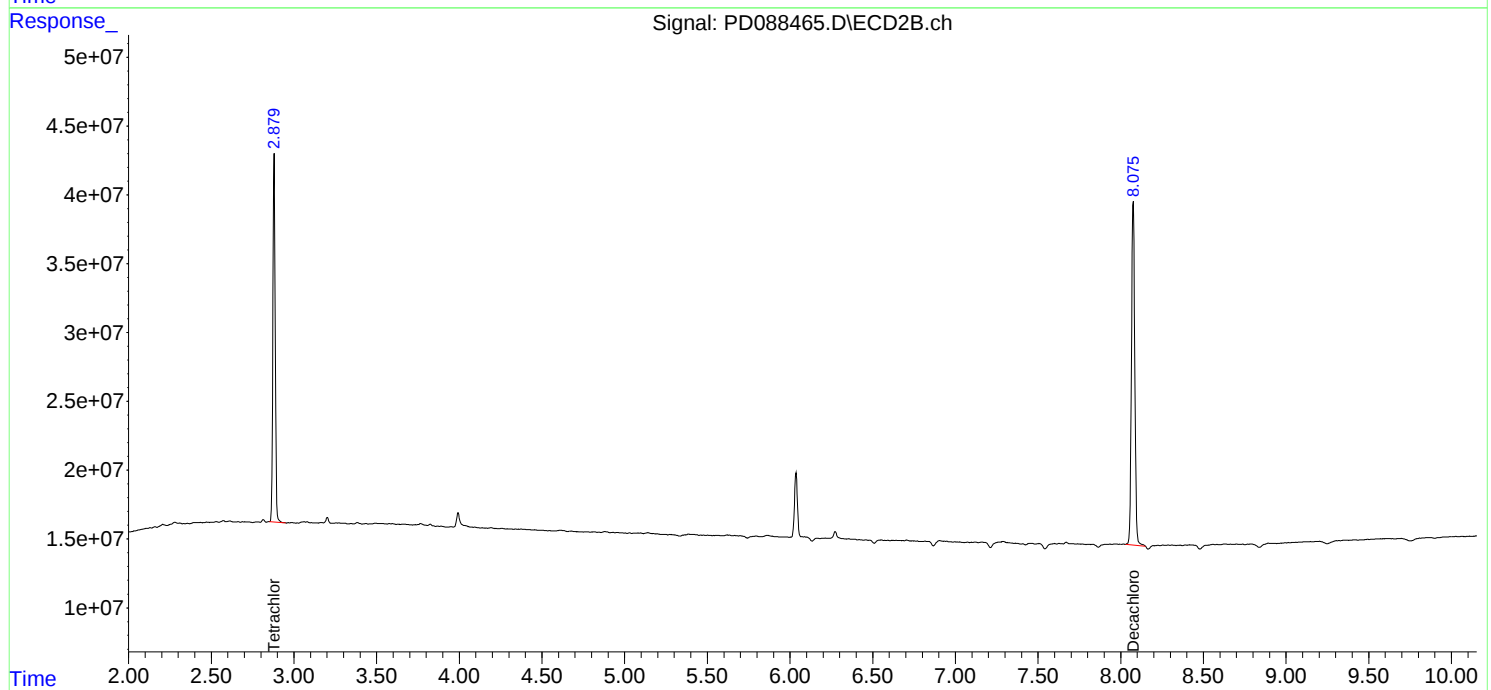
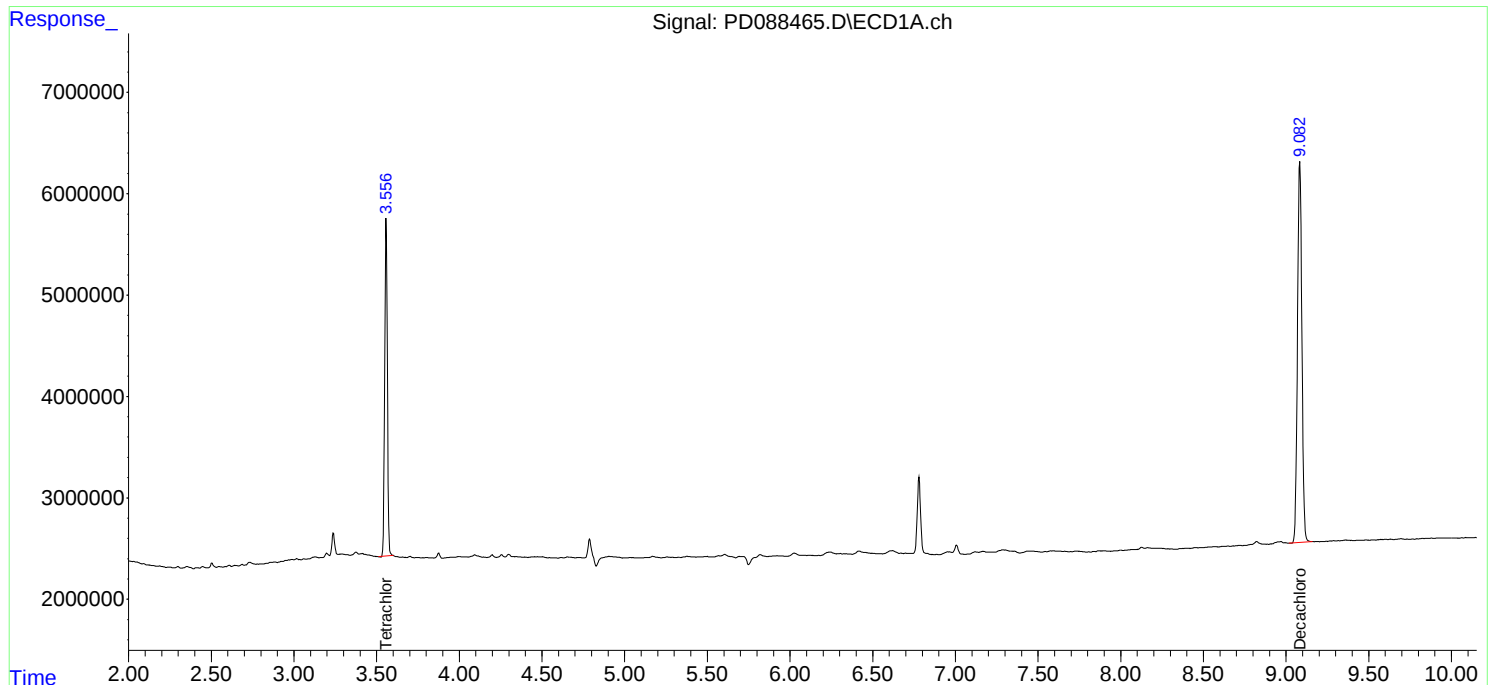
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

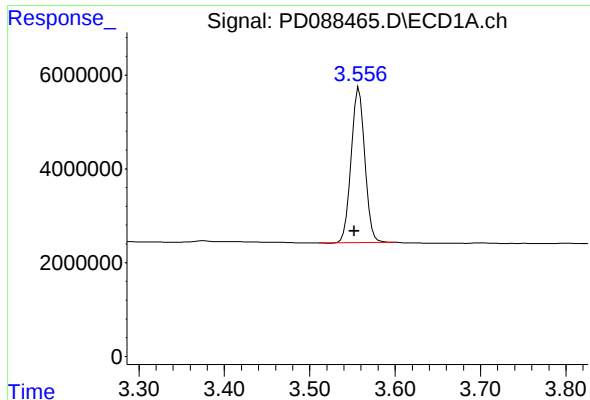
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 15:16
Operator : AR\AJ
Sample : PB167950BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB167950BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:25:01 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

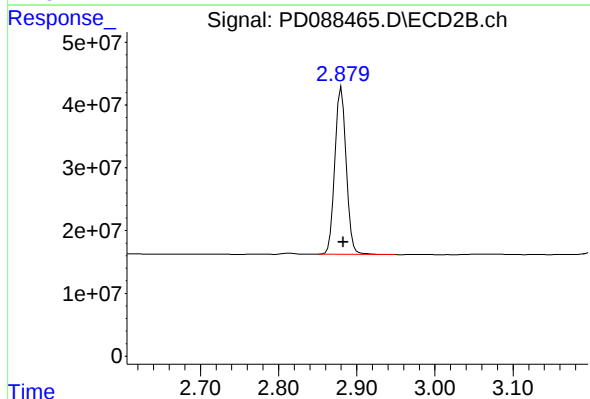




#1 Tetrachloro-m-xylene

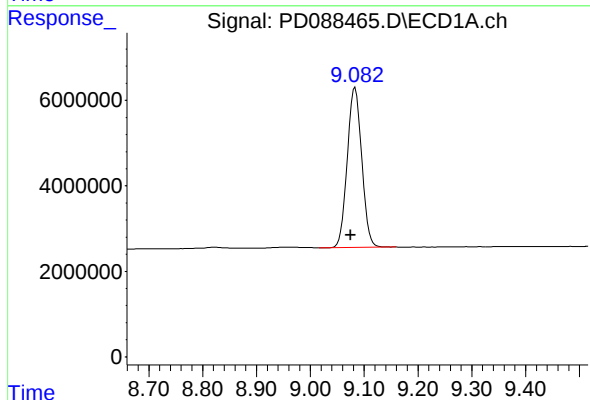
R.T.: 3.558 min
Delta R.T.: 0.006 min
Response: 37026533
Conc: 18.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167950BL



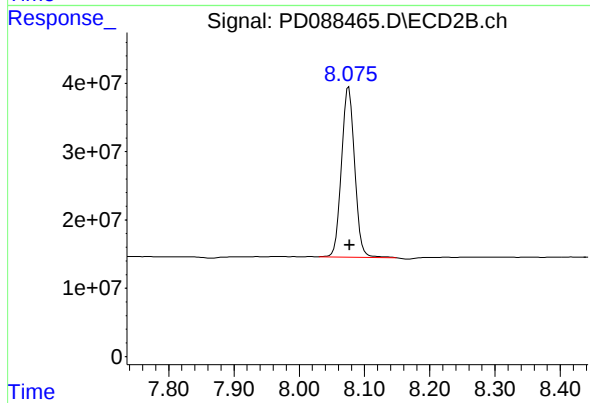
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.003 min
Response: 267029483
Conc: 18.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.008 min
Response: 69899990
Conc: 21.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 349219965
Conc: 18.90 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

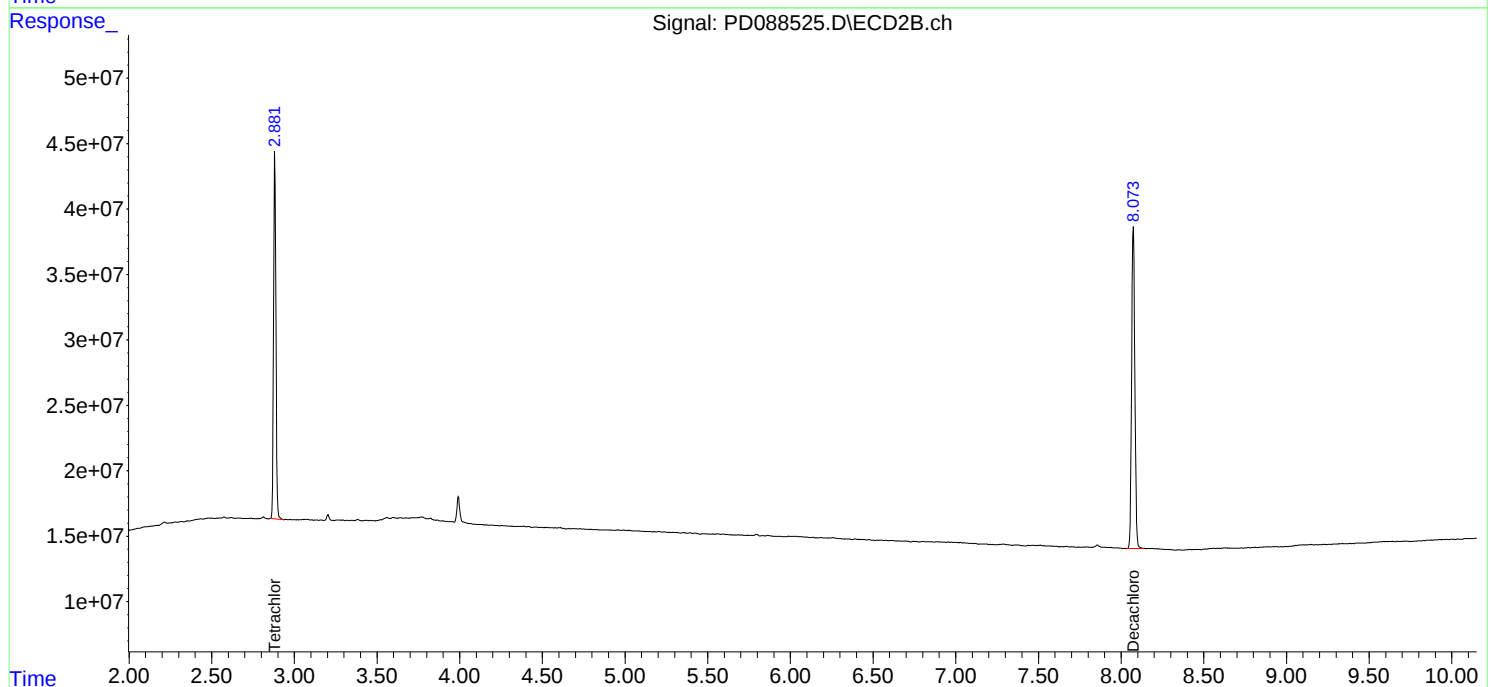
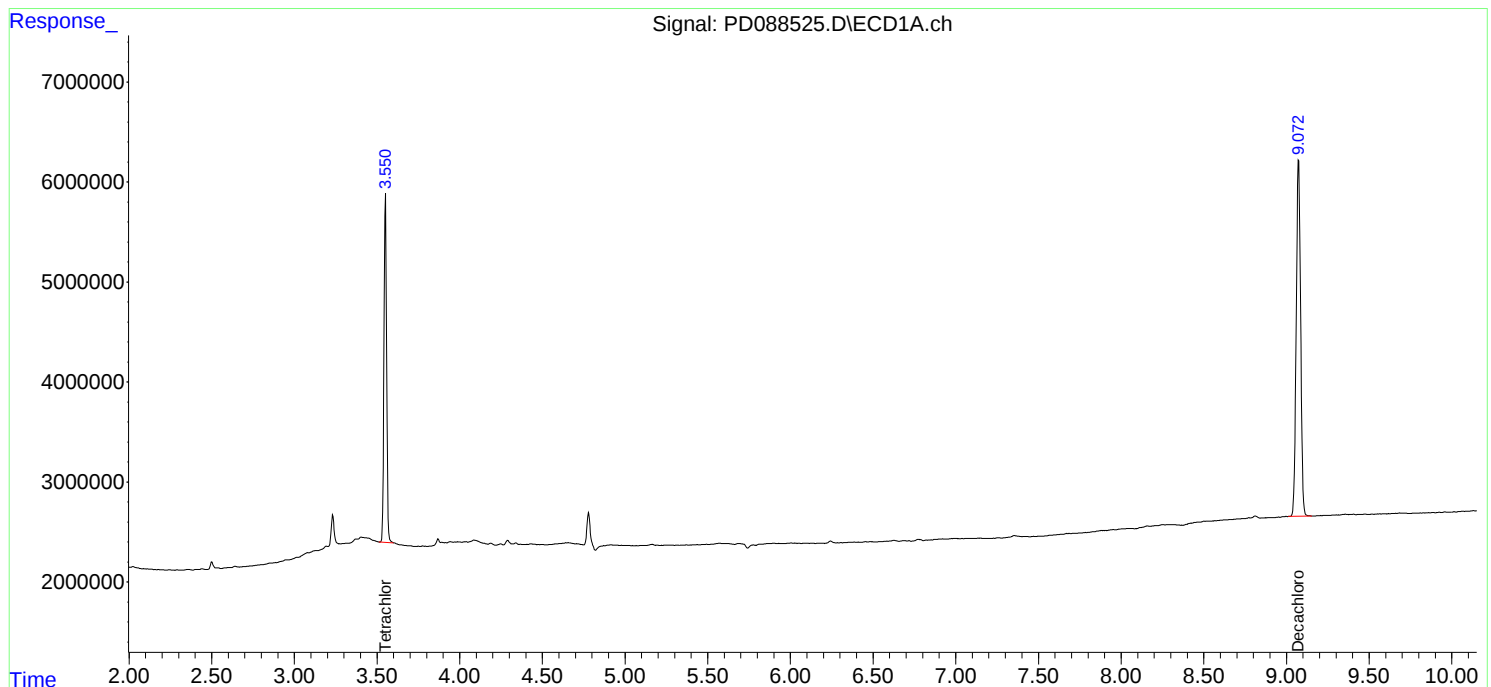
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

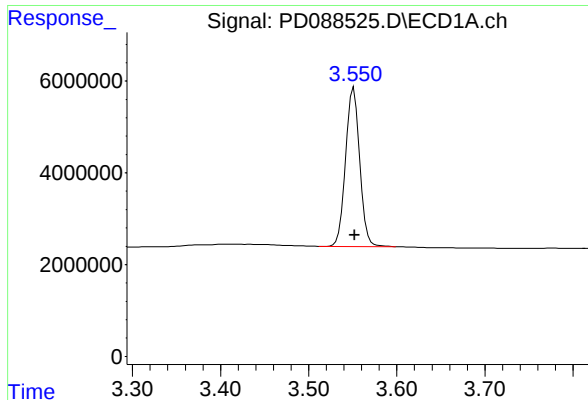
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 17:02
Operator : AR\AJ
Sample : PB167959BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

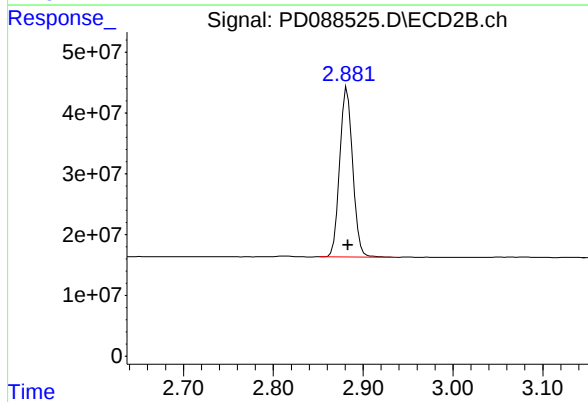




#1 Tetrachloro-m-xylene

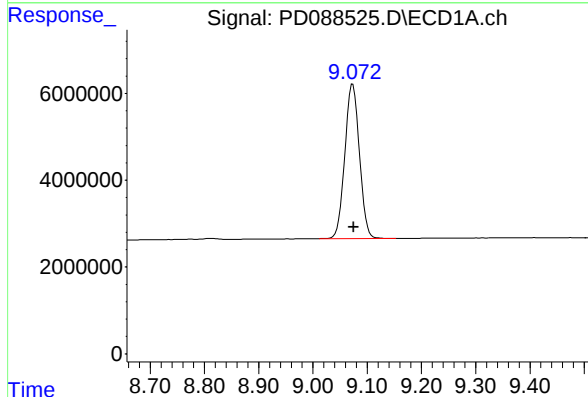
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 38568145
Conc: 19.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB167959BL



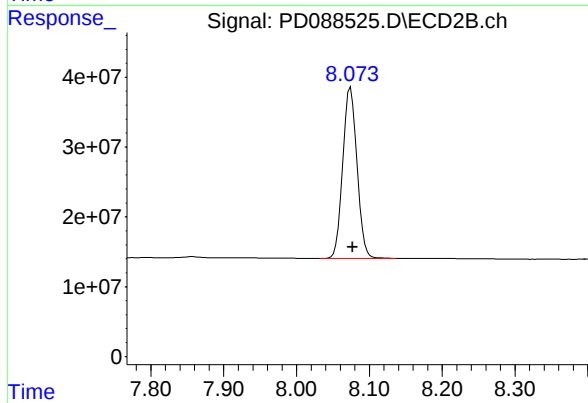
#1 Tetrachloro-m-xylene

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\PD051225\
 Data File : PD088466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 15:30
 Operator : AR\AJ
 Sample : PB167950BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB167950BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:25:14 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...	3.550	2.881	37630836	279.3E6	18.840	19.099
28)	SA Decachlor...	9.075	8.074	71568553	356.5E6	21.634	19.292
Target Compounds							
2)	A alpha-BHC	4.000	3.393	211.6E6	1038.1E6	49.062	45.408
3)	MA gamma-BHC...	4.331	3.730	203.9E6	969.0E6	48.695	44.989
4)	MA Heptachlor	4.930	4.083	206.4E6	958.3E6	51.091	44.782
5)	MB Aldrin	5.272	4.370	199.6E6	954.4E6	50.545	45.876
6)	B beta-BHC	4.515	4.026	78688851	427.4E6	48.472	46.189
7)	B delta-BHC	4.764	4.263	207.7E6	973.8E6	50.341	45.800
8)	B Heptachlo...	5.692	4.873	180.6E6	861.4E6	50.525	45.593
9)	A Endosulfan I	6.075	5.248	172.9E6	828.7E6	51.212	46.009
10)	B gamma-Chl...	5.947	5.126	183.4E6	927.9E6	50.622	45.716
11)	B alpha-Chl...	6.028	5.191	183.5E6	895.5E6	50.830	45.683
12)	B 4,4'-DDE	6.197	5.376	166.7E6	900.2E6	50.544	45.708
13)	MA Dieldrin	6.348	5.513	185.5E6	908.5E6	51.980	45.580
14)	MA Endrin	6.575	5.790	152.8E6	808.7E6	51.226	44.430
15)	B Endosulfa...	6.787	6.081	157.4E6	796.2E6	50.342	45.442
16)	A 4,4'-DDD	6.706	5.930	129.5E6	747.8E6	51.475	45.638
17)	MA 4,4'-DDT	7.022	6.185	145.3E6	781.4E6	52.315	45.918
18)	B Endrin al...	6.915	6.260	117.1E6	594.9E6	50.741	44.724
19)	B Endosulfa...	7.150	6.483	148.9E6	771.9E6	51.768	45.051
20)	A Methoxychlor	7.494	6.755	76451167	391.6E6	50.983	42.934
21)	B Endrin ke...	7.631	6.992	160.6E6	850.9E6	52.046	45.491
22)	Mirex	8.115	7.186	118.8E6	657.1E6	50.572	44.336

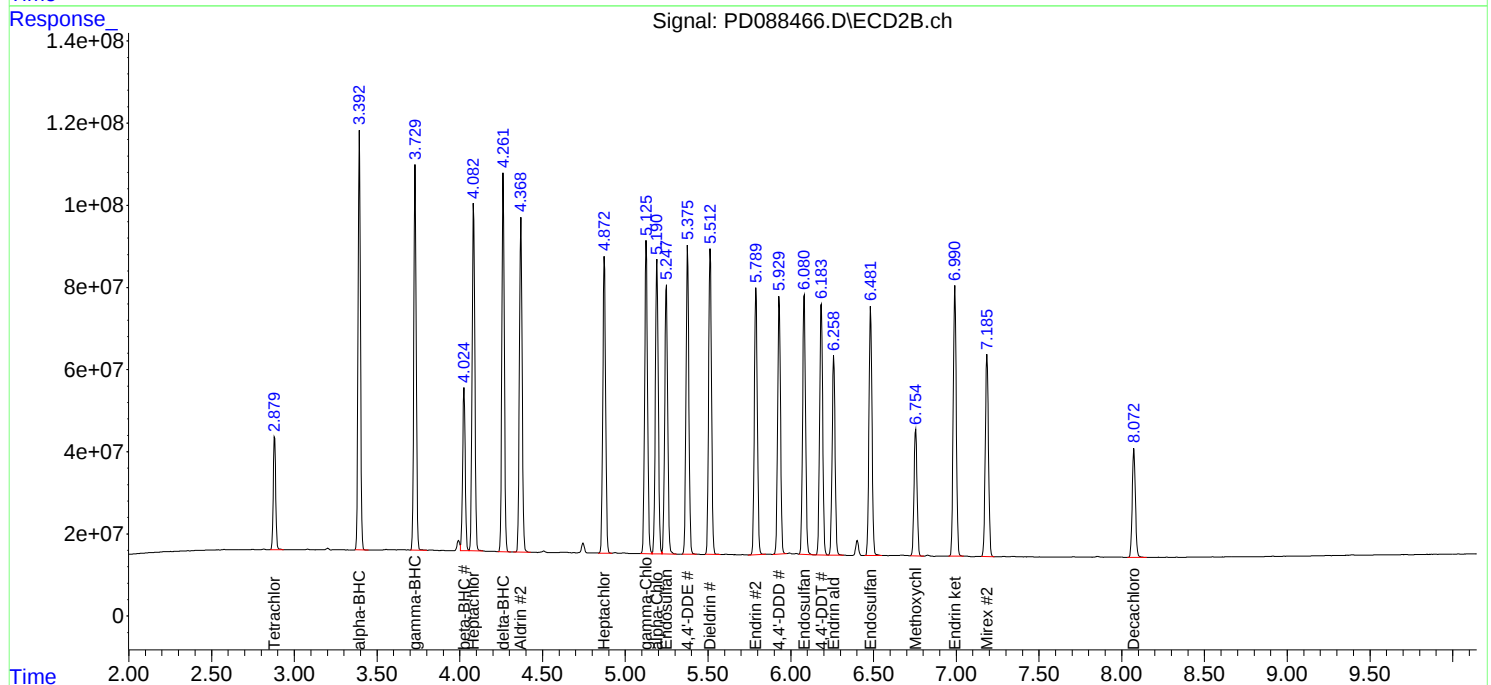
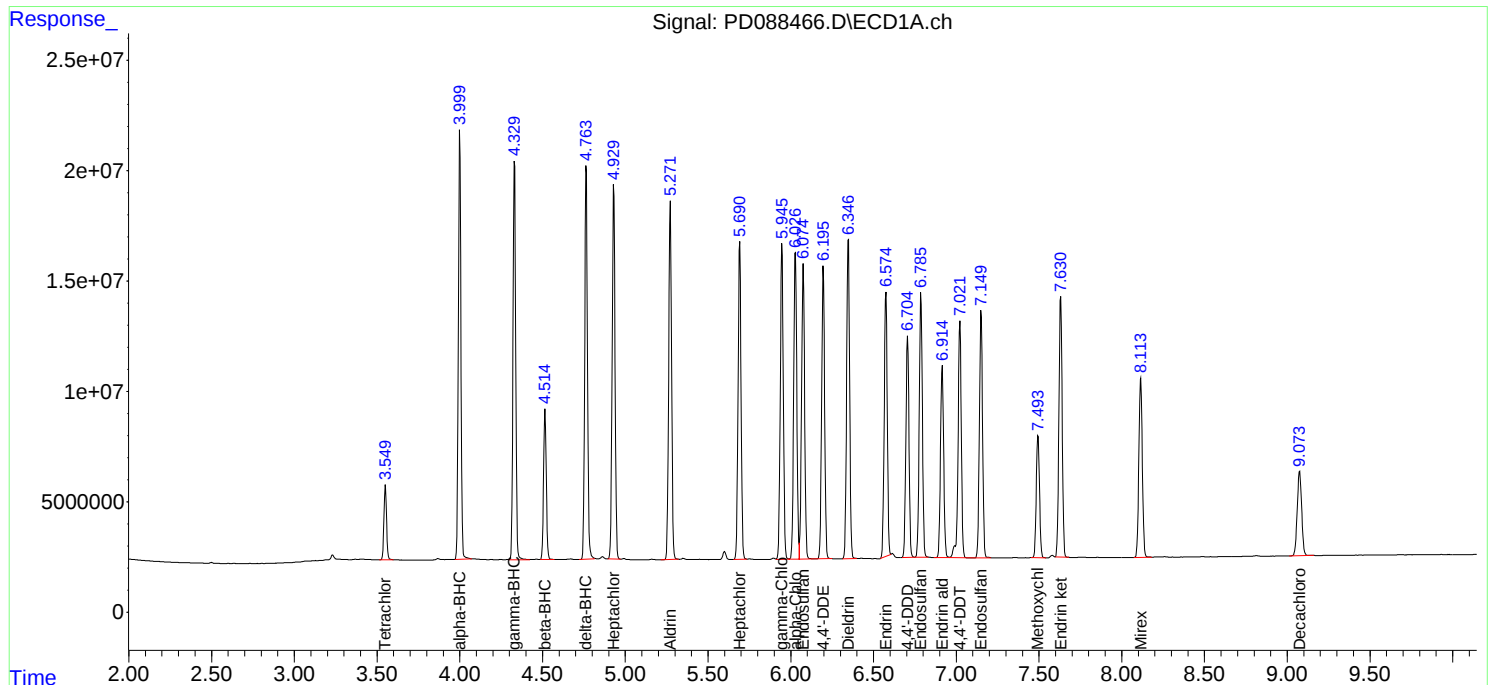
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 15:30
Operator : AR\AJ
Sample : PB167950BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB167950BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:25:14 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



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

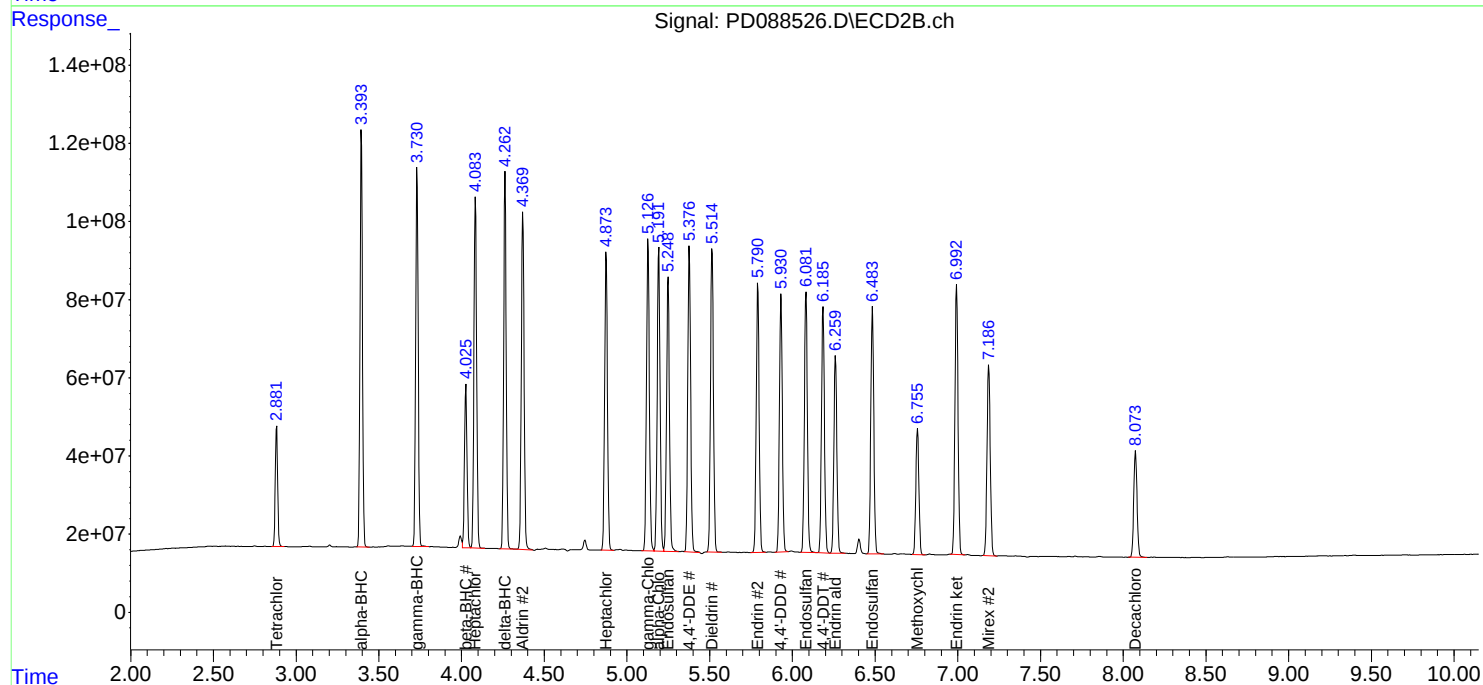
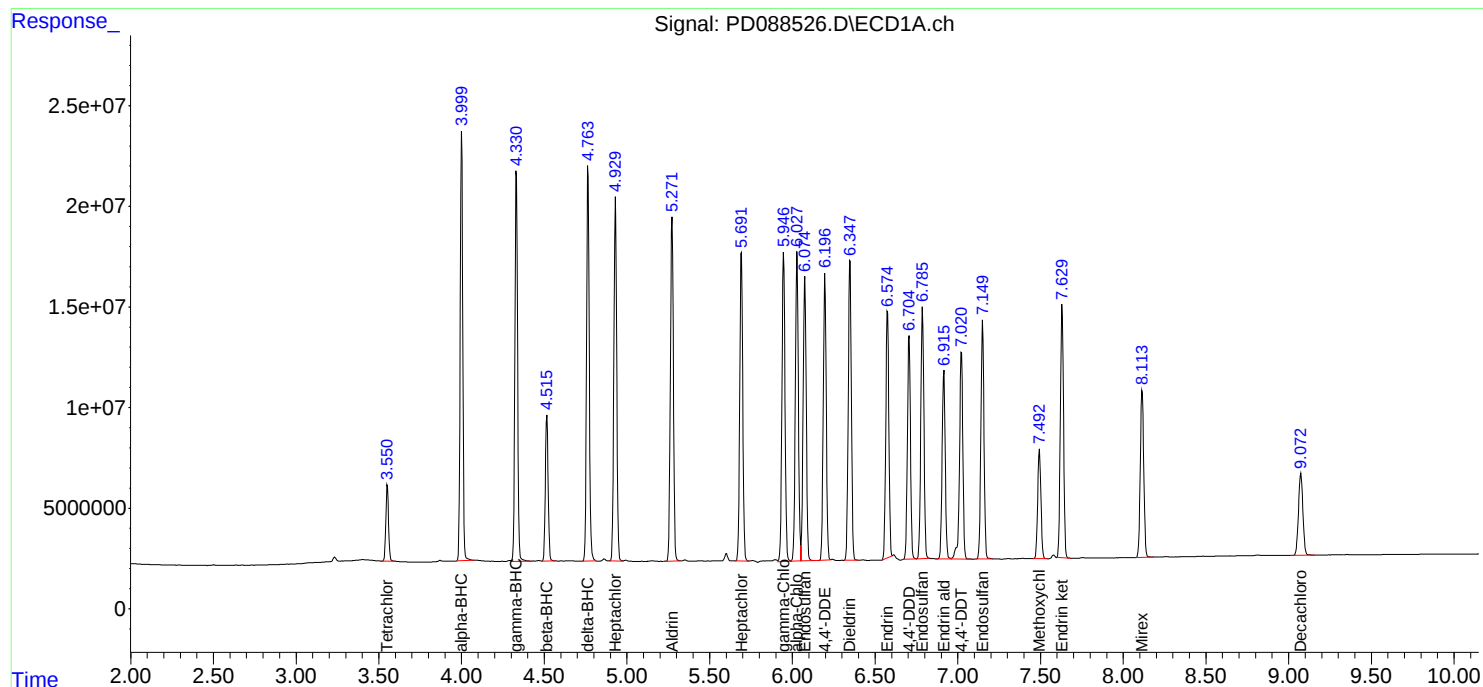
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 20:03
 Operator : AR\AJ
 Sample : Q1982-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:29:32 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	38595849	276.4E6	19.323	18.904
28)	SA Decachlor...	9.074	8.074	66971716	322.5E6	20.245	17.450
Target Compounds							
2)	A alpha-BHC	4.000	3.395	222.5E6	1065.1E6	51.593	46.589
3)	MA gamma-BHC...	4.332	3.731	215.4E6	977.4E6	51.440	45.380
4)	MA Heptachlor	4.931	4.085	216.2E6	972.7E6	53.527	45.455
5)	MB Aldrin	5.273	4.371	209.6E6	975.5E6	53.070	46.894
6)	B beta-BHC	4.517	4.027	81126137	422.1E6	49.974	45.612
7)	B delta-BHC	4.765	4.264	228.3E6	973.8E6	55.345	45.801
8)	B Heptachlo...	5.692	4.875	188.9E6	836.2E6	52.866	44.258
9)	A Endosulfan I	6.076	5.249	178.6E6	808.1E6	52.883	44.861
10)	B gamma-Chl...	5.947	5.128	187.8E6	927.5E6	51.858	45.698
11)	B alpha-Chl...	6.028	5.193	189.3E6	887.2E6	52.448	45.257
12)	B 4,4'-DDE	6.197	5.377	170.3E6	882.2E6	51.634	44.793
13)	MA Dieldrin	6.348	5.515	191.0E6	893.0E6	53.516	44.802
14)	MA Endrin	6.575	5.791	158.3E6	824.7E6	53.081	45.305
15)	B Endosulfa...	6.786	6.083	160.3E6	796.5E6	51.265	45.461
16)	A 4,4'-DDD	6.706	5.932	134.7E6	707.6E6	53.571	43.180
17)	MA 4,4'-DDT	7.022	6.186	151.0E6	785.4E6	54.372	46.156
18)	B Endrin al...	6.916	6.261	119.5E6	590.6E6	51.761	44.406
19)	B Endosulfa...	7.150	6.484	149.9E6	774.2E6	52.125	45.189
20)	A Methoxychlor	7.494	6.756	77890102	404.4E6	51.942	44.340
21)	B Endrin ke...	7.631	6.993	162.1E6	848.7E6	52.526	45.377
22)	Mirex	8.114	7.187	119.4E6	647.5E6	50.861	43.690

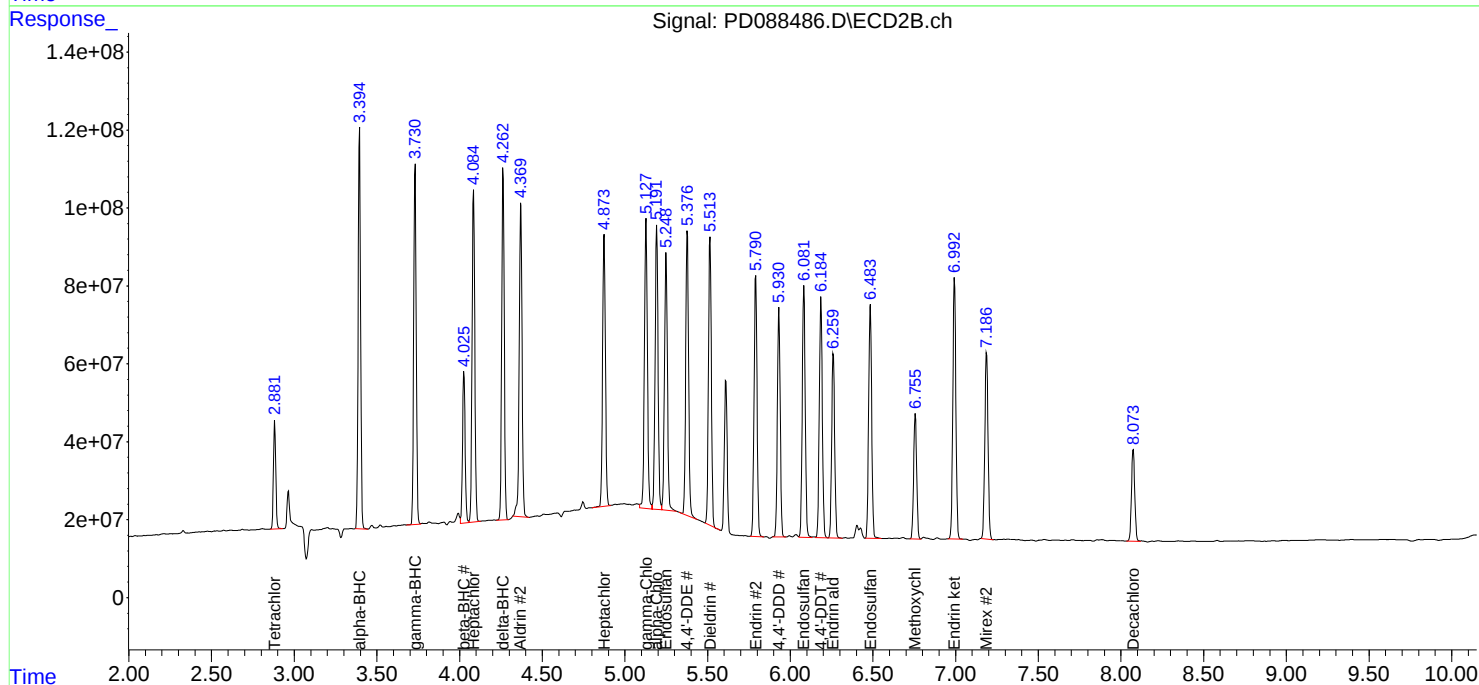
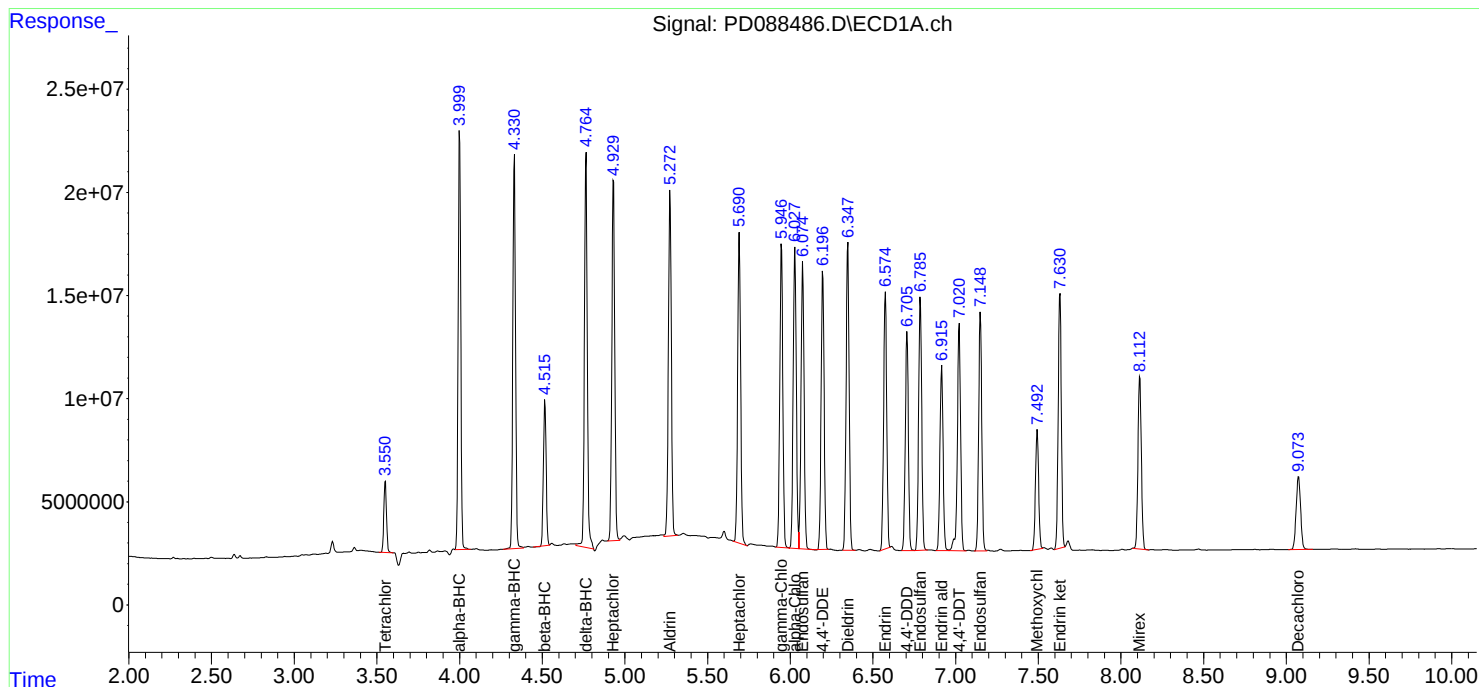
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 20:03
Operator : AR\AJ
Sample : Q1982-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:29:32 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 x 0.5 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

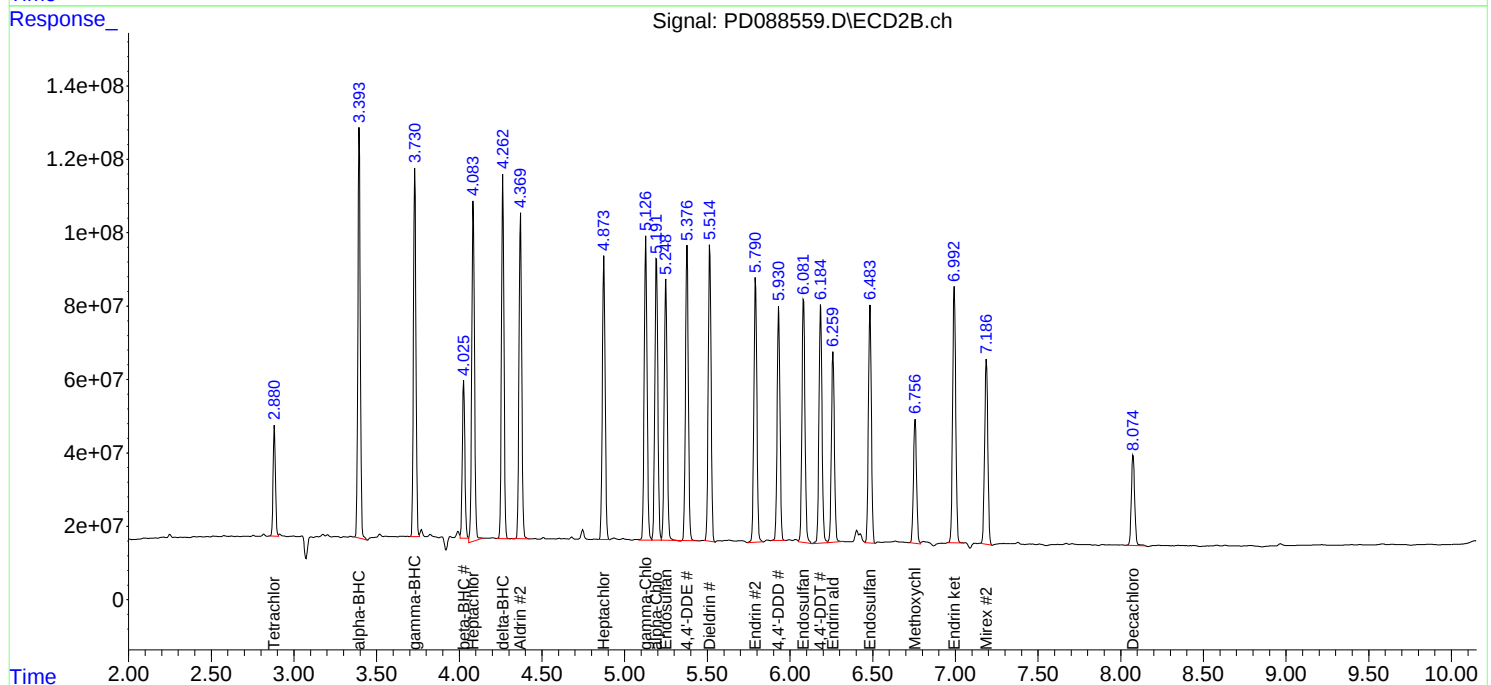
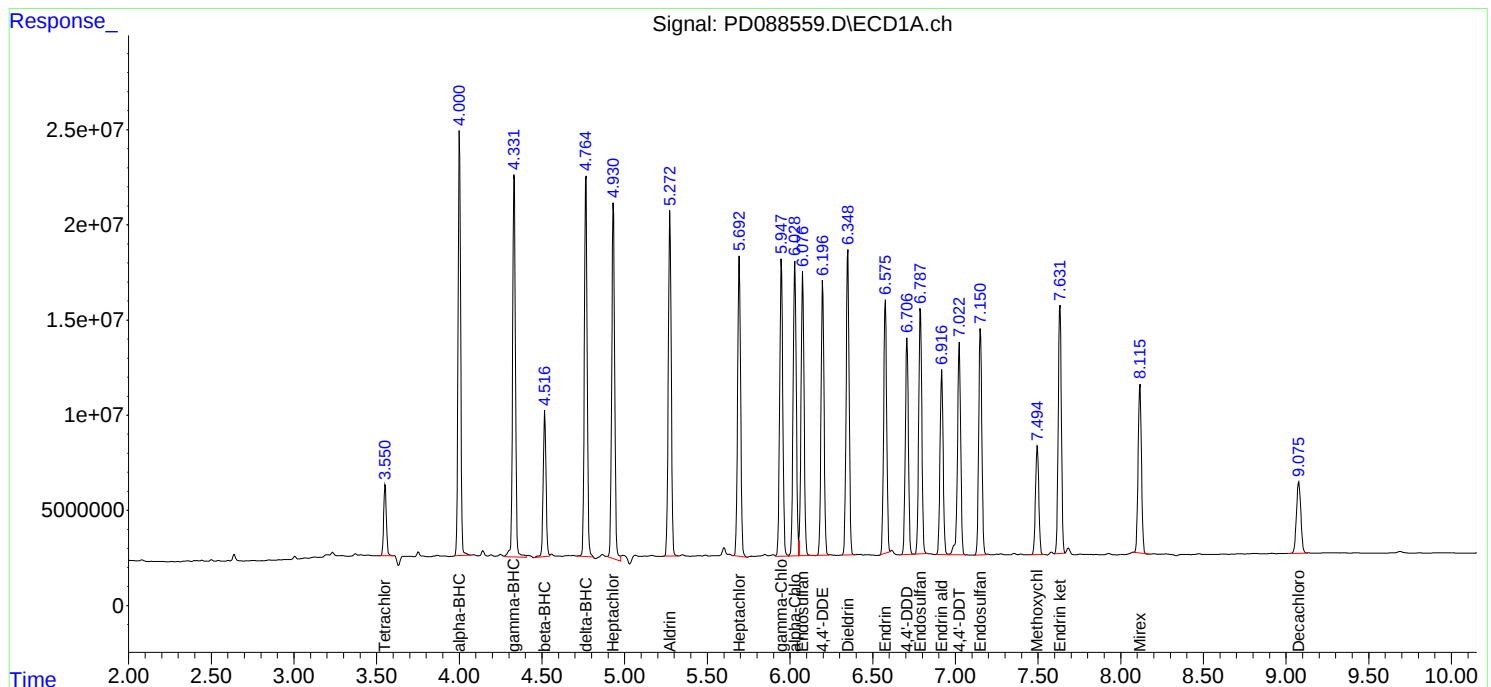
Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MS

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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 20:16
 Operator : AR\AJ
 Sample : Q1982-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:29:49 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	2.883	38891407	279.4E6	19.471	19.109
28)	SA Decachlor...	9.074	8.075	66035269	322.4E6	19.962	17.445
Target Compounds							
2)	A alpha-BHC	4.000	3.395	224.3E6	1073.5E6	52.026	46.957
3)	MA gamma-BHC...	4.332	3.732	218.1E6	984.7E6	52.077	45.720
4)	MA Heptachlor	4.931	4.085	218.3E6	983.5E6	54.048	45.960
5)	MB Aldrin	5.273	4.371	211.5E6	987.6E6	53.546	47.472
6)	B beta-BHC	4.516	4.027	82000550	425.7E6	50.512	46.005
7)	B delta-BHC	4.765	4.264	228.3E6	982.8E6	55.341	46.224
8)	B Heptachlo...	5.692	4.875	190.0E6	847.2E6	53.155	44.836
9)	A Endosulfan I	6.076	5.249	180.2E6	816.7E6	53.353	45.343
10)	B gamma-Chl...	5.947	5.128	189.6E6	936.0E6	52.358	46.120
11)	B alpha-Chl...	6.028	5.192	190.9E6	895.8E6	52.889	45.697
12)	B 4,4'-DDE	6.197	5.377	171.7E6	890.6E6	52.059	45.220
13)	MA Dieldrin	6.348	5.515	192.5E6	898.0E6	53.937	45.050
14)	MA Endrin	6.575	5.791	159.5E6	830.3E6	53.465	45.615
15)	B Endosulfa...	6.787	6.082	161.2E6	801.1E6	51.553	45.722
16)	A 4,4'-DDD	6.706	5.932	135.3E6	711.3E6	53.804	43.409
17)	MA 4,4'-DDT	7.022	6.186	151.3E6	782.9E6	54.476	46.008
18)	B Endrin al...	6.916	6.261	119.4E6	591.0E6	51.715	44.433
19)	B Endosulfa...	7.150	6.485	150.2E6	775.5E6	52.213	45.261
20)	A Methoxychlor	7.494	6.756	78456750	406.0E6	52.320	44.512
21)	B Endrin ke...	7.631	6.993	162.7E6	851.0E6	52.723	45.496
22)	Mirex	8.115	7.188	119.4E6	646.3E6	50.830	43.608

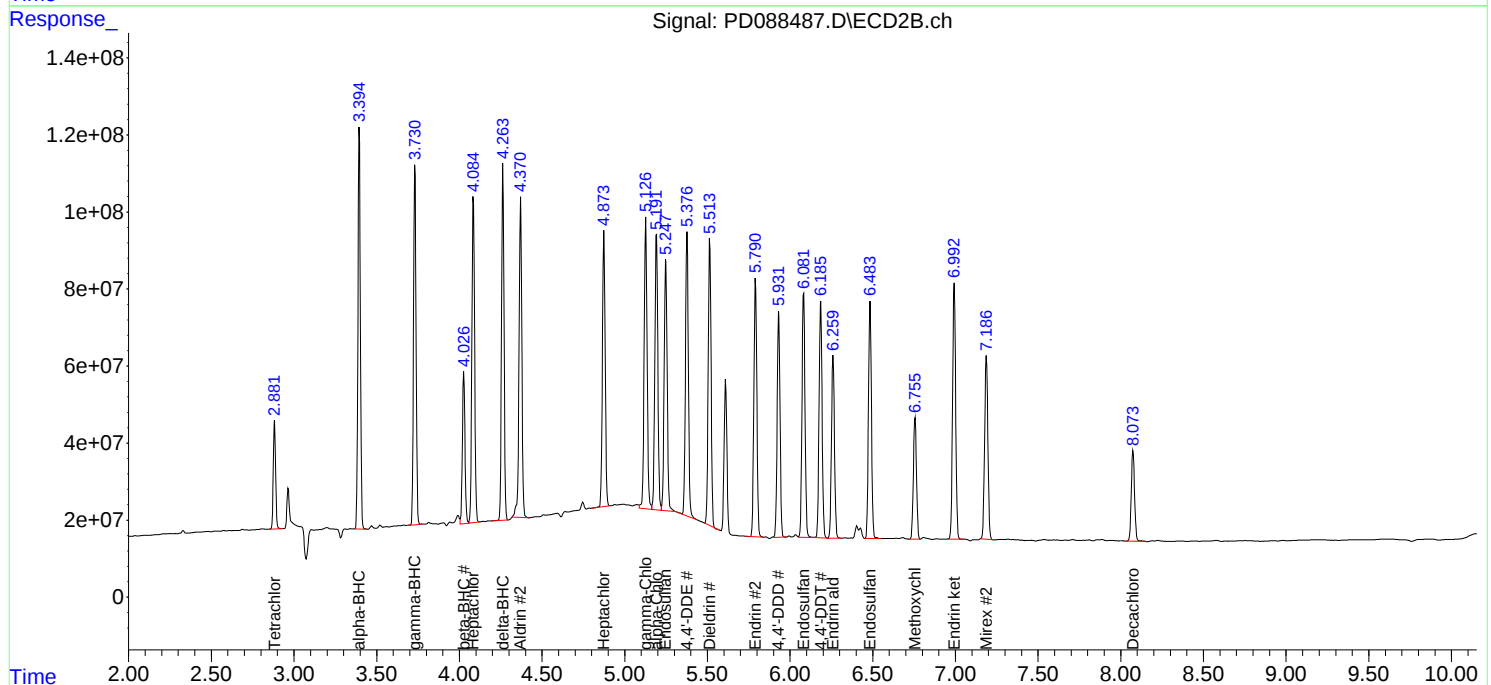
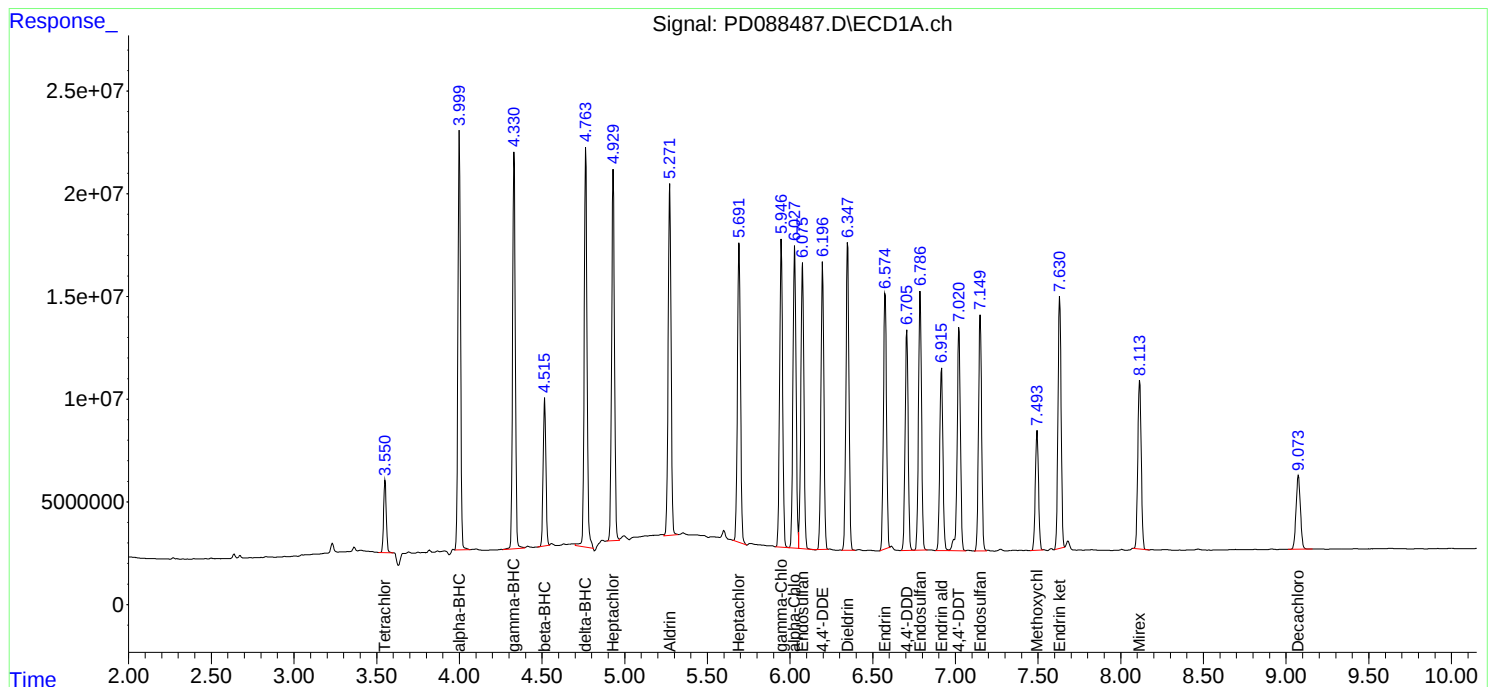
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 20:16
Operator : AR\AJ
Sample : Q1982-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:29:49 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 x 0.5 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 x 0.5 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.

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

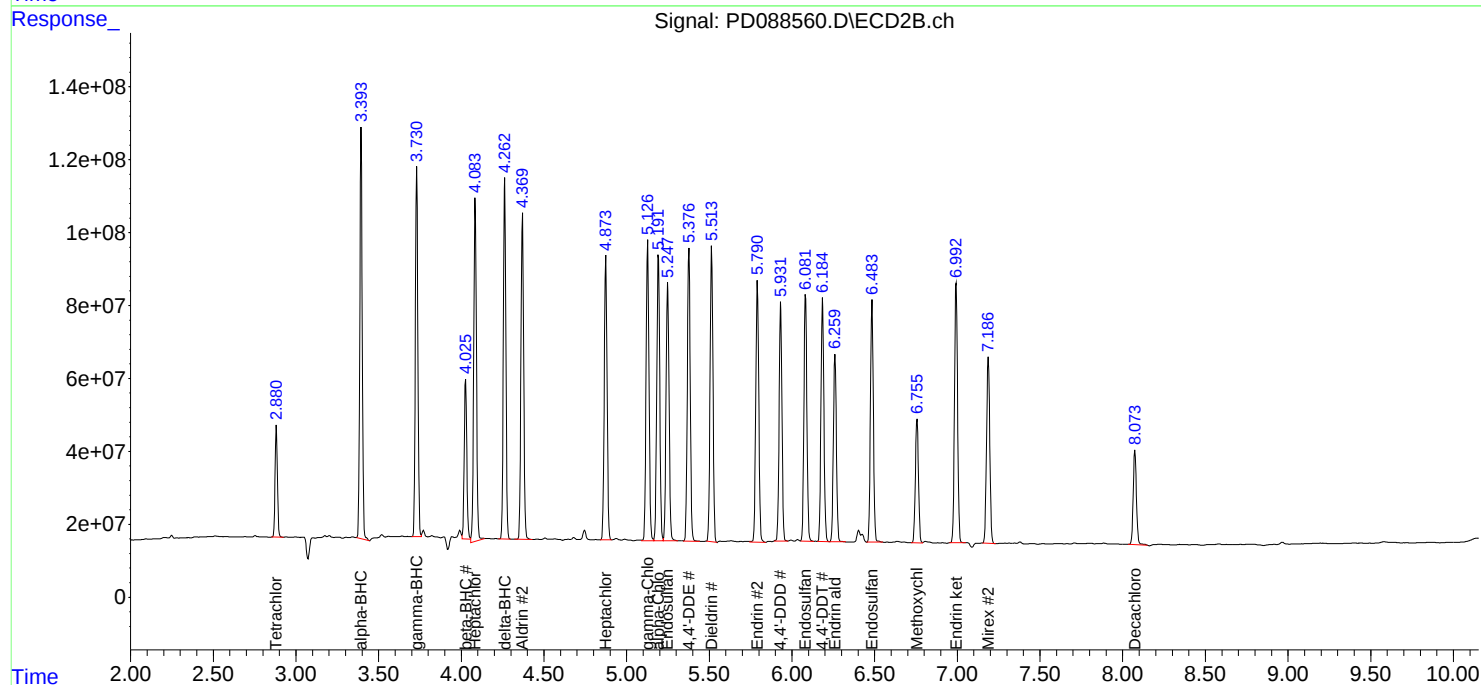
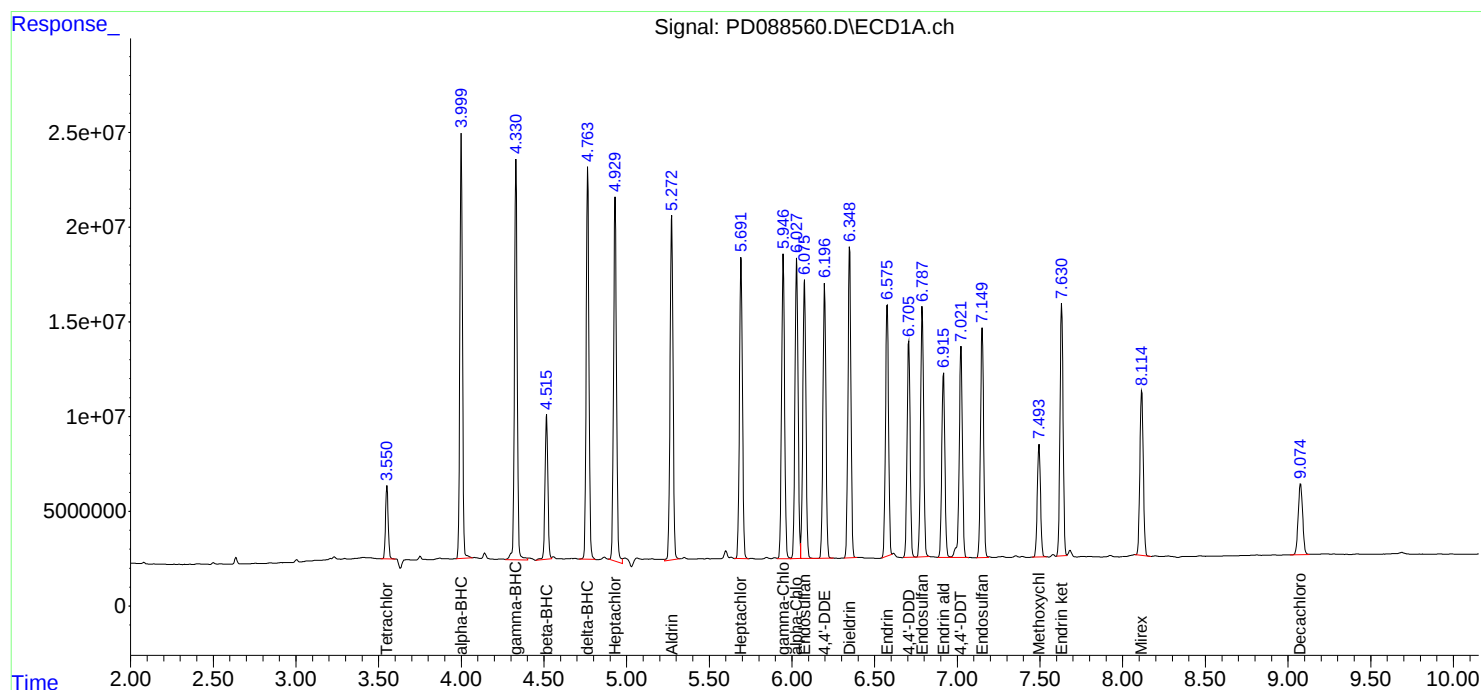
Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-33-050725MSD

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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



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

Manual Integration Report

Sequence:	pd051225	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088463.D	4,4"-DDD #2	Abdul	5/13/2025 9:10:47 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088463.D	Endrin aldehyde	Abdul	5/13/2025 9:10:47 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088463.D	Endrin aldehyde #2	Abdul	5/13/2025 9:10:47 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088463.D	Endrin ketone	Abdul	5/13/2025 9:10:47 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088483.D	4,4"-DDD #2	Abdul	5/13/2025 9:10:17 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088483.D	4,4"-DDE	Abdul	5/13/2025 9:10:17 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088483.D	4,4"-DDE #2	Abdul	5/13/2025 9:10:17 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088483.D	Endrin aldehyde	Abdul	5/13/2025 9:10:17 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088483.D	Endrin aldehyde #2	Abdul	5/13/2025 9:10:17 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PEM	PD088483.D	Endrin ketone	Abdul	5/13/2025 9:10:17 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
Q1982-06	PD088492.D	beta-BHC #2	Abdul	5/13/2025 9:09:56 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
Q1982-06	PD088492.D	Tetrachloro-m-xylene	Abdul	5/13/2025 9:09:56 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software
PSTDCCC050	PD088495.D	4,4"-DDE #2	Abdul	5/13/2025 9:10:08 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software



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

Manual Integration Report

Sequence:	pd051225	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD088495.D	Aldrin #2	Abdul	5/13/2025 9:10:08 AM	mohammad	5/14/2025 5:14:13	Peak Integrated by Software

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	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088499.D	4,4"-DDE #2	Abdul	5/14/2025 8:32:36 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088499.D	Aldrin #2	Abdul	5/14/2025 8:32:36 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-02	PD088502.D	Decachlorobiphenyl #2	Abdul	5/14/2025 8:32:39 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-04	PD088503.D	Tetrachloro-m-xylene	Abdul	5/19/2025 12:07:55 PM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-04	PD088503.D	Tetrachloro-m-xylene #2	Abdul	5/19/2025 12:07:55 PM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-07	PD088505.D	alpha-Chlordane #2	Abdul	5/14/2025 8:32:43 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-07	PD088505.D	Decachlorobiphenyl	Abdul	5/14/2025 8:32:43 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-07	PD088505.D	gamma-Chlordane #2	Abdul	5/14/2025 8:32:43 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088515.D	4,4"-DDE #2	Abdul	5/14/2025 8:32:54 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088515.D	Aldrin #2	Abdul	5/14/2025 8:32:54 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088515.D	gamma-Chlordane	Abdul	5/14/2025 8:32:54 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088524.D	4,4"-DDE #2	Abdul	5/14/2025 8:33:05 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software

Manual Integration Report

Sequence:	PD051325	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD088524.D	Aldrin #2	Abdul	5/14/2025 8:33:05 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088524.D	gamma-Chlordane	Abdul	5/14/2025 8:33:05 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-08	PD088527.D	alpha-Chlordane #2	Abdul	5/14/2025 8:33:09 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-08	PD088527.D	Decachlorobiphenyl	Abdul	5/14/2025 8:33:09 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-08	PD088527.D	Decachlorobiphenyl #2	Abdul	5/14/2025 8:33:09 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-08	PD088527.D	Dieldrin	Abdul	5/14/2025 8:33:09 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-08	PD088527.D	Dieldrin #2	Abdul	5/14/2025 8:33:09 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-08	PD088527.D	gamma-Chlordane	Abdul	5/14/2025 8:33:09 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
Q1982-08	PD088527.D	gamma-Chlordane #2	Abdul	5/14/2025 8:33:09 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PEM	PD088536.D	Endrin aldehyde	Abdul	5/14/2025 8:33:27 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088537.D	4,4"-DDE #2	Abdul	5/14/2025 8:33:30 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088537.D	Aldrin #2	Abdul	5/14/2025 8:33:30 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088537.D	gamma-Chlordane	Abdul	5/14/2025 8:33:30 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software

Manual Integration Report

Sequence:	PD051325	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD088541.D	4,4"-DDE #2	Abdul	5/14/2025 8:33:35 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088541.D	Aldrin #2	Abdul	5/14/2025 8:33:35 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software
PSTDCCC050	PD088541.D	gamma-Chlordane	Abdul	5/14/2025 8:33:35 AM	mohammad	5/20/2025 3:33:00	Peak Integrated by Software

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	5/20/2025 2:54:45	Peak Integrated by Software
PEM	PD088552.D	Endrin aldehyde	Abdul	5/16/2025 10:09:09 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PEM	PD088552.D	Endrin aldehyde #2	Abdul	5/16/2025 10:09:09 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PEM	PD088552.D	Endrin ketone	Abdul	5/16/2025 10:09:09 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PEM	PD088552.D	Endrin ketone #2	Abdul	5/16/2025 10:09:09 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PTOXCCC500	PD088555.D	Toxaphene-1 #2	Abdul	5/16/2025 10:09:12 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
Q1984-01MS	PD088559.D	Aldrin	Abdul	5/16/2025 10:09:21 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
Q1984-01MS	PD088559.D	beta-BHC #2	Abdul	5/16/2025 10:09:21 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
Q1984-01MSD	PD088560.D	beta-BHC #2	Abdul	5/16/2025 10:09:25 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
I.BLK	PD088565.D	Decachlorobiphenyl	Abdul	5/16/2025 10:09:43 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PSTDCCC050	PD088566.D	4,4"-DDD	Abdul	5/16/2025 10:09:47 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PSTDCCC050	PD088566.D	4,4"-DDE #2	Abdul	5/16/2025 10:09:47 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PSTDCCC050	PD088566.D	Decachlorobiphenyl	Abdul	5/16/2025 10:09:47 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software

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	5/20/2025 2:54:45	Peak Integrated by Software
PTOXC500	PD088568.D	Toxaphene-1 #2	Abdul	5/16/2025 10:09:51 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PTOXC500	PD088568.D	Toxaphene-5	Abdul	5/16/2025 10:09:51 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PTOXC500	PD088568.D	Toxaphene-5 #2	Abdul	5/16/2025 10:09:51 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
I.BLK	PD088572.D	Decachlorobiphenyl	Abdul	5/16/2025 10:10:09 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software
PSTDCCC050	PD088573.D	Methoxychlor #2	Abdul	5/16/2025 10:10:13 AM	mohammad	5/20/2025 2:54:45	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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#	Sampleld	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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051225

Review By	Abdul	Review On	5/13/2025 9:11:31 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:14:13 AM
SubDirectory	PD051225	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	PD088461.D	12 May 2025 12:31	AR\AJ	Ok
2	I.BLK	PD088462.D	12 May 2025 12:44	AR\AJ	Ok
3	PEM	PD088463.D	12 May 2025 12:58	AR\AJ	Ok,M
4	PSTDCCC050	PD088464.D	12 May 2025 13:42	AR\AJ	Ok
5	PB167950BL	PD088465.D	12 May 2025 15:16	AR\AJ	Ok
6	PB167950BS	PD088466.D	12 May 2025 15:30	AR\AJ	Ok
7	Q2002-01	PD088467.D	12 May 2025 15:43	AR\AJ	Ok,M
8	Q2007-01	PD088468.D	12 May 2025 15:57	AR\AJ	Ok,M
9	Q2007-07	PD088469.D	12 May 2025 16:11	AR\AJ	Ok,M
10	Q2007-13	PD088470.D	12 May 2025 16:24	AR\AJ	Ok,M
11	Q2007-19	PD088471.D	12 May 2025 16:38	AR\AJ	Ok,M
12	Q2007-25	PD088472.D	12 May 2025 16:52	AR\AJ	Ok
13	Q2007-31	PD088473.D	12 May 2025 17:05	AR\AJ	Ok,M
14	I.BLK	PD088474.D	12 May 2025 17:19	AR\AJ	Ok
15	PSTDCCC050	PD088475.D	12 May 2025 17:32	AR\AJ	Ok
16	Q2004-01	PD088476.D	12 May 2025 17:46	AR\AJ	Ok
17	Q2004-03	PD088477.D	12 May 2025 18:00	AR\AJ	Ok,M
18	Q2004-05	PD088478.D	12 May 2025 18:14	AR\AJ	Ok,M
19	Q2004-07	PD088479.D	12 May 2025 18:27	AR\AJ	Ok
20	Q2004-09	PD088480.D	12 May 2025 18:41	AR\AJ	Ok
21	Q2004-11	PD088481.D	12 May 2025 18:54	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051225

Review By	Abdul	Review On	5/13/2025 9:11:31 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:14:13 AM
SubDirectory	PD051225	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	I.BLK	PD088482.D	12 May 2025 19:08	AR\AJ	Ok
23	PEM	PD088483.D	12 May 2025 19:22	AR\AJ	Ok,M
24	PSTDCCC050	PD088484.D	12 May 2025 19:35	AR\AJ	Ok
25	Q1982-01	PD088485.D	12 May 2025 19:49	AR\AJ	Not Ok
26	Q1982-01MS	PD088486.D	12 May 2025 20:03	AR\AJ	Ok
27	Q1982-01MSD	PD088487.D	12 May 2025 20:16	AR\AJ	Ok
28	Q1982-02	PD088488.D	12 May 2025 20:30	AR\AJ	Not Ok
29	Q1982-03	PD088489.D	12 May 2025 20:44	AR\AJ	Ok
30	Q1982-04	PD088490.D	12 May 2025 20:57	AR\AJ	Not Ok
31	Q1982-05	PD088491.D	12 May 2025 21:11	AR\AJ	Not Ok
32	Q1982-06	PD088492.D	12 May 2025 21:25	AR\AJ	Ok,M
33	Q1982-07	PD088493.D	12 May 2025 21:38	AR\AJ	Not Ok
34	I.BLK	PD088494.D	12 May 2025 21:52	AR\AJ	Ok
35	PSTDCCC050	PD088495.D	13 May 2025 02:17	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM
Supervise By	mohammad	Supervise On	5/20/2025 3:33:00 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#	Sampleld	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,M
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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM
Supervise By	mohammad	Supervise On	5/20/2025 3:33:00 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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM
Supervise By	mohammad	Supervise On	5/20/2025 3:33:00 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



Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051525

Review By	Abdul	Review On	5/16/2025 10:10:37 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:54:45 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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051525

Review By	Abdul	Review On	5/16/2025 10:10:37 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:54:45 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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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,P P24278,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#	Sampleld	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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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,P P24278,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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051225

Review By	Abdul	Review On	5/13/2025 9:11:31 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:14:13 AM
SubDirectory	PD051225	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,P P24278,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	PD088461.D	12 May 2025 12:31		AR\AJ	Ok
2	I.BLK	I.BLK	PD088462.D	12 May 2025 12:44		AR\AJ	Ok
3	PEM	PEM	PD088463.D	12 May 2025 12:58		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD088464.D	12 May 2025 13:42		AR\AJ	Ok
5	PB167950BL	PB167950BL	PD088465.D	12 May 2025 15:16		AR\AJ	Ok
6	PB167950BS	PB167950BS	PD088466.D	12 May 2025 15:30		AR\AJ	Ok
7	Q2002-01	EO-02-05092025	PD088467.D	12 May 2025 15:43		AR\AJ	Ok,M
8	Q2007-01	OR-636-COMP-10	PD088468.D	12 May 2025 15:57		AR\AJ	Ok,M
9	Q2007-07	OR-636-COMP-11	PD088469.D	12 May 2025 16:11		AR\AJ	Ok,M
10	Q2007-13	OR-636-COMP-12	PD088470.D	12 May 2025 16:24		AR\AJ	Ok,M
11	Q2007-19	OR-636-COMP-13	PD088471.D	12 May 2025 16:38		AR\AJ	Ok,M
12	Q2007-25	OR-636-COMP-14	PD088472.D	12 May 2025 16:52		AR\AJ	Ok
13	Q2007-31	OR-636-COMP-15	PD088473.D	12 May 2025 17:05		AR\AJ	Ok,M
14	I.BLK	I.BLK	PD088474.D	12 May 2025 17:19		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PD088475.D	12 May 2025 17:32		AR\AJ	Ok
16	Q2004-01	VNJ-220	PD088476.D	12 May 2025 17:46		AR\AJ	Ok
17	Q2004-03	2811	PD088477.D	12 May 2025 18:00		AR\AJ	Ok,M
18	Q2004-05	R0202	PD088478.D	12 May 2025 18:14		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051225

Review By	Abdul	Review On	5/13/2025 9:11:31 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:14:13 AM
SubDirectory	PD051225	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,P P24278,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	Q2004-07	205510	PD088479.D	12 May 2025 18:27		AR\AJ	Ok
20	Q2004-09	SOIL-STOCK	PD088480.D	12 May 2025 18:41		AR\AJ	Ok
21	Q2004-11	STONE-STOCK	PD088481.D	12 May 2025 18:54		AR\AJ	Ok
22	I.BLK	I.BLK	PD088482.D	12 May 2025 19:08		AR\AJ	Ok
23	PEM	PEM	PD088483.D	12 May 2025 19:22		AR\AJ	Ok,M
24	PSTDCCC050	PSTDCCC050	PD088484.D	12 May 2025 19:35		AR\AJ	Ok
25	Q1982-01	TP-1	PD088485.D	12 May 2025 19:49	need Cleanup	AR\AJ	Not Ok
26	Q1982-01MS	TP-1MS	PD088486.D	12 May 2025 20:03		AR\AJ	Ok
27	Q1982-01MSD	TP-1MSD	PD088487.D	12 May 2025 20:16		AR\AJ	Ok
28	Q1982-02	TP-2B	PD088488.D	12 May 2025 20:30	need Cleanup	AR\AJ	Not Ok
29	Q1982-03	TP-3	PD088489.D	12 May 2025 20:44		AR\AJ	Ok
30	Q1982-04	TP-4	PD088490.D	12 May 2025 20:57	need Cleanup	AR\AJ	Not Ok
31	Q1982-05	TP-5	PD088491.D	12 May 2025 21:11	need Cleanup	AR\AJ	Not Ok
32	Q1982-06	TP-6	PD088492.D	12 May 2025 21:25		AR\AJ	Ok,M
33	Q1982-07	TP-8	PD088493.D	12 May 2025 21:38	need Cleanup	AR\AJ	Not Ok
34	I.BLK	I.BLK	PD088494.D	12 May 2025 21:52		AR\AJ	Ok
35	PSTDCCC050	PSTDCCC050	PD088495.D	13 May 2025 02:17		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM
Supervise By	mohammad	Supervise On	5/20/2025 3:33:00 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,P P24278,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#	Sampleld	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,M
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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM
Supervise By	mohammad	Supervise On	5/20/2025 3:33:00 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,P P24278,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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051325

Review By	Abdul	Review On	5/14/2025 8:34:03 AM
Supervise By	mohammad	Supervise On	5/20/2025 3:33:00 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,P P24278,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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051525

Review By	Abdul	Review On	5/16/2025 10:10:37 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:54:45 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,P P24278,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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051525

Review By	Abdul	Review On	5/16/2025 10:10:37 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:54:45 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,P P24278,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

SOP ID:	M3541-ASE Extraction-14		
Clean Up SOP #:	Florisil	Extraction Start Date :	05/12/2025
Matrix :	Solid	Extraction Start Time :	09:05
Weigh By:	EH	Extraction By:	RJ
Balance check:	RJ	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strp Lot#:	N/A	Hood ID:	3,7
Extraction Method:	☐ Separatory Funnel	☐ Continious Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☒ Soxhlet
		Extraction End Date :	05/12/2025
		Extraction End Time :	12:15
		Concentration By:	EH
		Supervisor By :	RUPESH

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24285
Surrogate	1.0ML	200 PPB	PP24460
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
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:

40 ML Vial lot# 03-40 BTS723.

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
5/12/25	RS (Ext Lab)	RS (Ext Lab)
12:20	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 05/12/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167950BL	PBLK950	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			U1-1
PB167950BS	PLCS950	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
Q1982-01	TP-1	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		3
Q1982-01MS	TP-1MS	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		4
Q1982-01MS D	TP-1MSD	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		5
Q1982-02	TP-2B	Pesticide-TCL	30.10	N/A	ritesh	Evelyn	10	E		6
Q1982-03	TP-3	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		U2-1
Q1982-04	TP-4	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		2
Q1982-05	TP-5	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		3
Q1982-06	TP-6	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		4
Q1982-07	TP-8	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		5
Q2002-01	EO-02-05092025	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E		6
Q2004-01	VNJ-220	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		U3-1
Q2004-03	2811	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		2
Q2004-05	R0202	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		3
Q2004-07	205510	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		4
Q2004-09	SOIL-STOCK	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		5
Q2004-11	STONE-STOCK	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	B	Stone	6
Q2007-01	OR-636-COMP-10	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		U7-1
Q2007-07	OR-636-COMP-11	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		2
Q2007-13	OR-636-COMP-12	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		3
Q2007-19	OR-636-COMP-13	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E		4
Q2007-25	OR-636-COMP-14	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		5
Q2007-31	OR-636-COMP-15	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		6

* Extracts relinquished on the same date as received.

16915
9-05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1982 WorkList ID : 189439 Department : Extraction Date : 05-12-2025 08:58:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1982-01	TP-1	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/07/2025	8081B
Q1982-02	TP-2B	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/07/2025	8081B
Q1982-03	TP-3	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/07/2025	8081B
Q1982-04	TP-4	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/07/2025	8081B
Q1982-05	TP-5	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/07/2025	8081B
Q1982-06	TP-6	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/07/2025	8081B
Q1982-07	TP-8	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/07/2025	8081B
Q2002-01	EO-02-05092025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	L41	05/09/2025	8081B
Q2004-01	VNJ-220	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2004-03	2811	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2004-05	R0202	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2004-07	205510	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2004-09	SOIL-STOCK	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2004-11	STONE-STOCK	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2007-01	OR-636-COMP-10	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2007-07	OR-636-COMP-11	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2007-13	OR-636-COMP-12	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2007-19	OR-636-COMP-13	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2007-25	OR-636-COMP-14	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B
Q2007-31	OR-636-COMP-15	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B

R2
5116Date/Time 5/12/25 9:00
Raw Sample Received by: RJ (Ext 66)
Raw Sample Relinquished by: CP SMDate/Time 5/12/25 9:36
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Ext 66)

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: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard 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	RS (Ext Lab)	SR Pest/PCB Lab
11:45	Preparation Group	Analysis Group

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

* Extracts relinquished on the same date as received.

167957
8:30
5/16

WORKLIST(Hardcopy Internal Chain)

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

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 (Ext 1646)
Raw Sample Relinquished by: CP SM

Date/Time 5/13/25 9:05
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Ext 1646)

A
B
C
D
E
F
G
H
I
J
K
L

LAB CHRONICLE

OrderID:	Q1982	OrderDate:	5/7/2025 3:20:42 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1982-01	TP-1	SOIL			05/06/25			05/07/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
			Pesticide-TCL	8081B		05/12/25	05/13/25	
Q1982-02	TP-2B	SOIL	Gasoline Range Organics	8015D	05/06/25		05/12/25	05/07/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-03	TP-3	SOIL	Pesticide-TCL	8081B	05/06/25	05/12/25	05/13/25	05/07/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-04	TP-4	SOIL	Pesticide-TCL	8081B	05/07/25	05/12/25	05/12/25	05/07/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-05	TP-5	SOIL	Pesticide-TCL	8081B	05/07/25	05/12/25	05/13/25	05/07/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-06	TP-6	SOIL	Pesticide-TCL	8081B	05/07/25	05/12/25	05/13/25	05/07/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	

LAB CHRONICLE

Q1982-07	TP-8	SOIL	Diesel Range Organics	8015D	05/13/25	05/13/25	05/07/25	05/07/25
			Gasoline Range Organics	8015D		05/13/25		
			PCB	8082A	05/13/25	05/13/25		
			Pesticide-TCL	8081B	05/12/25	05/12/25		
Q1982-08	TP-9	SOIL	Diesel Range Organics	8015D	05/13/25	05/13/25	05/07/25	05/07/25
			Gasoline Range Organics	8015D		05/14/25		
			PCB	8082A	05/13/25	05/13/25		
			Pesticide-TCL	8081B	05/12/25	05/13/25		
		SOIL	Diesel Range Organics	8015D	05/13/25	05/13/25	05/07/25	05/07/25
			Gasoline Range Organics	8015D		05/13/25		
			PCB	8082A	05/13/25	05/13/25		
			Pesticide-TCL	8081B	05/13/25	05/13/25		