

Hit Summary Sheet
SW-846

SDG No.: Q2074

Order ID: Q2074

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-12								
Q2074-01	TP-12	SOIL	Endosulfan Sulfate	1.60	JP	0.16	2.00	ug/kg
Q2074-01	TP-12	SOIL	4,4-DDT	0.60	JP	0.17	2.00	ug/kg
Total Concentration:				2.200				
Client ID : TP-15								
Q2074-03	TP-15	SOIL	alpha-Chlordane	0.36	JP	0.14	1.90	ug/kg
Total Concentration:				0.360				



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-12	SDG No.:	Q2074
Lab Sample ID:	Q2074-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.5 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
PD088661.D	1	05/20/25 08:45	05/20/25 17:38	PB168075

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	0.22	U	0.22	2.00	ug/kg
319-86-8	delta-BHC	0.47	U	0.47	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	1.60	JP	0.16	2.00	ug/kg
50-29-3	4,4-DDT	0.60	JP	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.50	U	6.50	39.5	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.1		20 - 144	90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		19 - 148	92%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-12	SDG No.:	Q2074
Lab Sample ID:	Q2074-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.5 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
PD088661.D	1	05/20/25 08:45	05/20/25 17:38	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

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:	05/16/25
Client Sample ID:	TP-7	SDG No.:	Q2074
Lab Sample ID:	Q2074-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	88.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088662.D	1	05/20/25 08:45	05/20/25 17:52	PB168075

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	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.44	U	0.44	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	0.21	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	0.33	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	0.21	U	0.21	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	6.10	U	6.10	37.2	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		20 - 144	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		19 - 148	109%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-7	SDG No.:	Q2074
Lab Sample ID:	Q2074-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	88.7
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
PD088662.D	1	05/20/25 08:45	05/20/25 17:52	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-15	SDG No.:	Q2074
Lab Sample ID:	Q2074-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088663.D	1	05/20/25 08:45	05/20/25 18:06	PB168075

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	0.36	JP	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	37.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.3		20 - 144	67%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		19 - 148	93%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-15	SDG No.:	Q2074
Lab Sample ID:	Q2074-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87
Sample Wt/Vol:	30.08	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
PD088663.D	1	05/20/25 08:45	05/20/25 18:06	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-20	SDG No.:	Q2074
Lab Sample ID:	Q2074-04	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3
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
PD088664.D	1	05/20/25 08:45	05/20/25 18:19	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	2.00	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	39.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.6		20 - 144	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		19 - 148	95%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	05/15/25	
Project:	South River WM Replacement		Date Received:	05/16/25	
Client Sample ID:	TP-20		SDG No.:	Q2074	
Lab Sample ID:	Q2074-04		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	84.3	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
PD088664.D	1	05/20/25 08:45	05/20/25 18:19	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-38	SDG No.:	Q2074
Lab Sample ID:	Q2074-05	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	81.9
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
PD088667.D	1	05/20/25 08:45	05/20/25 19:00	PB168075

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	0.35	U	0.35	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	0.15	U	0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.10	ug/kg
8001-35-2	Toxaphene	6.60	U	6.60	40.2	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.1		20 - 144	70%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		19 - 148	88%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-38	SDG No.:	Q2074
Lab Sample ID:	Q2074-05	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	81.9
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
PD088667.D	1	05/20/25 08:45	05/20/25 19:00	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-19	SDG No.:	Q2074
Lab Sample ID:	Q2074-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.9
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
PD088668.D	1	05/20/25 08:45	05/20/25 19:14	PB168075

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	38.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.7		20 - 144	78%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		19 - 148	92%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-19	SDG No.:	Q2074
Lab Sample ID:	Q2074-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.9
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
PD088668.D	1	05/20/25 08:45	05/20/25 19:14	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	05/16/25
Client Sample ID:	TP-40	SDG No.:	Q2074
Lab Sample ID:	Q2074-07	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.2
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
PD088669.D	1	05/20/25 08:45	05/20/25 19:28	PB168075

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	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.44	U	0.44	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	0.15	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	0.41	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	6.10	U	6.10	36.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.5		20 - 144	77%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		19 - 148	96%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-40	SDG No.:	Q2074
Lab Sample ID:	Q2074-07	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.2 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
PD088669.D	1	05/20/25 08:45	05/20/25 19:28	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-18	SDG No.:	Q2074
Lab Sample ID:	Q2074-08	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	78
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
PD088670.D	1	05/20/25 08:45	05/20/25 19:41	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.17	U	0.17	2.20	ug/kg
319-85-7	beta-BHC	0.23	U	0.23	2.20	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	2.20	ug/kg
58-89-9	gamma-BHC (Lindane)	0.18	U	0.18	2.20	ug/kg
76-44-8	Heptachlor	0.15	U	0.15	2.20	ug/kg
309-00-2	Aldrin	0.15	U	0.15	2.20	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	2.20	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	2.20	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.20	ug/kg
72-55-9	4,4-DDE	0.18	U	0.18	2.20	ug/kg
72-20-8	Endrin	0.18	U	0.18	2.20	ug/kg
33213-65-9	Endosulfan II	0.37	U	0.37	2.20	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.20	ug/kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	2.20	ug/kg
50-29-3	4,4-DDT	0.18	U	0.18	2.20	ug/kg
72-43-5	Methoxychlor	0.47	U	0.47	2.20	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	2.20	ug/kg
7421-93-4	Endrin aldehyde	0.47	U	0.47	2.20	ug/kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	2.20	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	2.20	ug/kg
8001-35-2	Toxaphene	6.90	U	6.90	42.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.8		20 - 144	74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.3		19 - 148	91%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	05/16/25	
Project:	South River WM Replacement		Date Received:	05/16/25	
Client Sample ID:	TP-18		SDG No.:	Q2074	
Lab Sample ID:	Q2074-08		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	78	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
PD088670.D	1	05/20/25 08:45	05/20/25 19:41	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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QC SUMMARY

Surrogate Summary

SDG No.: Q2074

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PD088583.D	PIBLK-PD088583.D	Decachlorobiphenyl	1	20	18.4	92		43	140
		Tetrachloro-m-xylene	1	20	16.5	83		77	126
		Decachlorobiphenyl	2	20	18.0	90		43	140
		Tetrachloro-m-xylene	2	20	16.9	84		77	126
I.BLK-PD088656.D	PIBLK-PD088656.D	Decachlorobiphenyl	1	20	18.2	91		43	140
		Tetrachloro-m-xylene	1	20	18.5	92		77	126
		Decachlorobiphenyl	2	20	17.1	85		43	140
		Tetrachloro-m-xylene	2	20	18.8	94		77	126
PB168075BL	PB168075BL	Decachlorobiphenyl	1	20	18.7	93		20	144
		Tetrachloro-m-xylene	1	20	17.4	87		19	148
		Decachlorobiphenyl	2	20	17.4	87		20	144
		Tetrachloro-m-xylene	2	20	19.1	95		19	148
PB168075BS	PB168075BS	Decachlorobiphenyl	1	20	24.6	123		20	144
		Tetrachloro-m-xylene	1	20	23.5	117		19	148
		Decachlorobiphenyl	2	20	23.8	119		20	144
		Tetrachloro-m-xylene	2	20	25.2	126		19	148
Q2074-01	TP-12	Decachlorobiphenyl	1	20	18.1	90		20	144
		Tetrachloro-m-xylene	1	20	17.4	87		19	148
		Decachlorobiphenyl	2	20	15.5	78		20	144
		Tetrachloro-m-xylene	2	20	18.4	92		19	148
Q2074-02	TP-7	Decachlorobiphenyl	1	20	20.0	100		20	144
		Tetrachloro-m-xylene	1	20	20.7	104		19	148
		Decachlorobiphenyl	2	20	17.7	88		20	144
		Tetrachloro-m-xylene	2	20	21.8	109		19	148
Q2074-03	TP-15	Decachlorobiphenyl	1	20	13.3	67		20	144
		Tetrachloro-m-xylene	1	20	17.7	88		19	148
		Decachlorobiphenyl	2	20	13.2	66		20	144
		Tetrachloro-m-xylene	2	20	18.6	93		19	148
Q2074-04	TP-20	Decachlorobiphenyl	1	20	16.6	83		20	144
		Tetrachloro-m-xylene	1	20	17.9	89		19	148
		Decachlorobiphenyl	2	20	15.4	77		20	144
		Tetrachloro-m-xylene	2	20	19.0	95		19	148
Q2074-04MS	TP-20MS	Decachlorobiphenyl	1	20	17.3	87		20	144
		Tetrachloro-m-xylene	1	20	17.8	89		19	148
		Decachlorobiphenyl	2	20	16.7	83		20	144
		Tetrachloro-m-xylene	2	20	19.6	98		19	148
Q2074-04MSD	TP-20MSD	Decachlorobiphenyl	1	20	17.6	88		20	144
		Tetrachloro-m-xylene	1	20	17.8	89		19	148
		Decachlorobiphenyl	2	20	16.5	83		20	144
		Tetrachloro-m-xylene	2	20	19.7	98		19	148
Q2074-05	TP-38	Decachlorobiphenyl	1	20	14.1	70		20	144

Surrogate Summary

SDG No.: Q2074

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q2074-05	TP-38	Tetrachloro-m-xylene	1	20	16.7	83		19	148
		Decachlorobiphenyl	2	20	13.3	67		20	144
Q2074-06	TP-19	Tetrachloro-m-xylene	2	20	17.6	88		19	148
		Decachlorobiphenyl	1	20	15.7	78		20	144
		Tetrachloro-m-xylene	1	20	17.6	88		19	148
		Decachlorobiphenyl	2	20	14.6	73		20	144
Q2074-07	TP-40	Tetrachloro-m-xylene	2	20	18.5	92		19	148
		Decachlorobiphenyl	1	20	15.5	77		20	144
		Tetrachloro-m-xylene	1	20	18.5	93		19	148
		Decachlorobiphenyl	2	20	15.3	76		20	144
Q2074-08	TP-18	Tetrachloro-m-xylene	2	20	19.2	96		19	148
		Decachlorobiphenyl	1	20	14.8	74		20	144
		Tetrachloro-m-xylene	1	20	17.4	87		19	148
		Decachlorobiphenyl	2	20	14.1	70		20	144
I.BLK-PD088673.D	PIBLK-PD088673.D	Tetrachloro-m-xylene	2	20	18.3	91		19	148
		Decachlorobiphenyl	1	20	18.8	94		43	140
		Tetrachloro-m-xylene	1	20	18.4	92		77	126
		Decachlorobiphenyl	2	20	18.5	93		43	140
		Tetrachloro-m-xylene	2	20	19.1	96		77	126

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q2074	Analytical Method:	8081B
Client:	CDM Smith	DataFile :	PD088665.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2074-04MS (Column 1)	TP-20MS											
	alpha-BHC	19.73	0	18.0	ug/kg	91				60	144	
	beta-BHC	19.73	0	16.5	ug/kg	84				54	143	
	delta-BHC	19.73	0	19.0	ug/kg	96				29	151	
	gamma-BHC (Lindane)	19.73	0	18.1	ug/kg	92				61	140	
	Heptachlor	19.73	0	17.4	ug/kg	88				63	135	
	Aldrin	19.73	0	18.0	ug/kg	91				49	139	
	Heptachlor epoxide	19.73	0	17.6	ug/kg	89				41	156	
	Endosulfan I	19.73	0	17.8	ug/kg	90				56	142	
	Dieldrin	19.73	0	17.6	ug/kg	89				47	161	
	4,4'-DDE	19.73	0	16.9	ug/kg	86				55	136	
	Endrin	19.73	0	17.2	ug/kg	87				57	139	
	Endosulfan II	19.73	0	17.2	ug/kg	87				40	163	
	4,4'-DDD	19.73	0	19.0	ug/kg	96				47	163	
	Endosulfan sulfate	19.73	0	16.9	ug/kg	86				62	139	
	4,4'-DDT	19.73	0	14.3	ug/kg	72				51	146	
	Methoxychlor	19.73	0	13.6	ug/kg	69				54	136	
	Endrin ketone	19.73	0	16.9	ug/kg	86				60	129	
	Endrin aldehyde	19.73	0	17.2	ug/kg	87				59	132	
	alpha-Chlordane	19.73	0	17.6	ug/kg	89				39	166	
	gamma-Chlordane	19.73	0	17.6	ug/kg	89				44	175	
Client Sample ID: Q2074-04MS (Column 2)	TP-20MS											
	alpha-BHC	19.73	0	18.1	ug/kg	92				60	144	
	beta-BHC	19.73	0	18.3	ug/kg	93				54	143	
	delta-BHC	19.73	0	17.8	ug/kg	90				29	151	
	gamma-BHC (Lindane)	19.73	0	17.8	ug/kg	90				61	140	
	Heptachlor	19.73	0	17.3	ug/kg	88				63	135	
	Aldrin	19.73	0	17.8	ug/kg	90				49	139	
	Heptachlor epoxide	19.73	0	17.5	ug/kg	89				41	156	
	Endosulfan I	19.73	0	16.4	ug/kg	83				56	142	
	Dieldrin	19.73	0	17.6	ug/kg	89				47	161	
	4,4'-DDE	19.73	0	17.1	ug/kg	87				55	136	
	Endrin	19.73	0	17.0	ug/kg	86				57	139	
	Endosulfan II	19.73	0	17.0	ug/kg	86				40	163	
	4,4'-DDD	19.73	0	17.4	ug/kg	88				47	163	
	Endosulfan sulfate	19.73	0	16.5	ug/kg	84				62	139	
	4,4'-DDT	19.73	0	14.0	ug/kg	71				51	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2074</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD088665.D</u>

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
			Result	Result							High	RPD
Q2074-04MS (Column 2)	Methoxychlor	19.73	0	14.4	ug/kg	73				54	136	
	Endrin ketone	19.73	0	16.2	ug/kg	82				60	129	
	Endrin aldehyde	19.73	0	16.7	ug/kg	85				59	132	
	alpha-Chlordane	19.73	0	17.4	ug/kg	88				39	166	
	gamma-Chlordane	19.73	0	17.5	ug/kg	89				44	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2074</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD088666.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2074-04MSD (Column 1)	TP-20MSD											
	alpha-BHC	19.72	0	17.9	ug/kg	91		0		60	144	20
	beta-BHC	19.72	0	16.4	ug/kg	83		1		54	143	20
	delta-BHC	19.72	0	18.8	ug/kg	95		1		29	151	20
	gamma-BHC (Lindane)	19.72	0	18.1	ug/kg	92		0		61	140	20
	Heptachlor	19.72	0	17.2	ug/kg	87		1		63	135	20
	Aldrin	19.72	0	17.9	ug/kg	91		0		49	139	20
	Heptachlor epoxide	19.72	0	17.5	ug/kg	89		0		41	156	20
	Endosulfan I	19.72	0	17.7	ug/kg	90		0		56	142	20
	Dieldrin	19.72	0	17.4	ug/kg	88		1		47	161	20
	4,4'-DDE	19.72	0	16.8	ug/kg	85		1		55	136	20
	Endrin	19.72	0	17.0	ug/kg	86		1		57	139	20
	Endosulfan II	19.72	0	17.0	ug/kg	86		1		40	163	20
	4,4'-DDD	19.72	0	18.9	ug/kg	96		0		47	163	20
	Endosulfan sulfate	19.72	0	16.8	ug/kg	85		1		62	139	20
	4,4'-DDT	19.72	0	14.0	ug/kg	71		1		51	146	20
	Methoxychlor	19.72	0	13.2	ug/kg	67		3		54	136	20
	Endrin ketone	19.72	0	16.9	ug/kg	86		0		60	129	20
	Endrin aldehyde	19.72	0	17.2	ug/kg	87		0		59	132	20
	alpha-Chlordane	19.72	0	17.5	ug/kg	89		0		39	166	20
	gamma-Chlordane	19.72	0	17.5	ug/kg	89		0		44	175	20
Client Sample ID: Q2074-04MSD (Column 2)	TP-20MSD											
	alpha-BHC	19.72	0	18.1	ug/kg	92		0		60	144	20
	beta-BHC	19.72	0	18.3	ug/kg	93		0		54	143	20
	delta-BHC	19.72	0	17.8	ug/kg	90		0		29	151	20
	gamma-BHC (Lindane)	19.72	0	17.8	ug/kg	90		0		61	140	20
	Heptachlor	19.72	0	17.2	ug/kg	87		1		63	135	20
	Aldrin	19.72	0	17.8	ug/kg	90		0		49	139	20
	Heptachlor epoxide	19.72	0	17.3	ug/kg	88		1		41	156	20
	Endosulfan I	19.72	0	16.3	ug/kg	83		0		56	142	20
	Dieldrin	19.72	0	17.5	ug/kg	89		0		47	161	20
	4,4'-DDE	19.72	0	16.9	ug/kg	86		1		55	136	20
	Endrin	19.72	0	16.9	ug/kg	86		0		57	139	20
	Endosulfan II	19.72	0	17.0	ug/kg	86		0		40	163	20
	4,4'-DDD	19.72	0	17.3	ug/kg	88		0		47	163	20
	Endosulfan sulfate	19.72	0	16.5	ug/kg	84		0		62	139	20
	4,4'-DDT	19.72	0	14.0	ug/kg	71		0		51	146	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2074</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PD088666.D</u>

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Q2074-04MSD (Column 2)	Methoxychlor	19.72	0	14.4	ug/kg	73		0		54	136	20
	Endrin ketone	19.72	0	16.1	ug/kg	82		0		60	129	20
	Endrin aldehyde	19.72	0	16.7	ug/kg	85		0		59	132	20
	alpha-Chlordane	19.72	0	17.3	ug/kg	88		0		39	166	20
	gamma-Chlordane	19.72	0	17.5	ug/kg	89		0		44	175	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q2074	Analytical Method:	8081B
Client:	CDM Smith	Datafile :	PD088660.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168075BS (Column 1)	alpha-BHC	16.65	18.7	ug/kg	112				84	123	
	beta-BHC	16.65	18.1	ug/kg	109				82	123	
	delta-BHC	16.65	18.9	ug/kg	114				83	126	
	gamma-BHC (Lindane)	16.65	18.7	ug/kg	112				83	125	
	Heptachlor	16.65	18.4	ug/kg	111				83	122	
	Aldrin	16.65	18.9	ug/kg	114				82	124	
	Heptachlor epoxide	16.65	18.8	ug/kg	113				83	120	
	Endosulfan I	16.65	18.7	ug/kg	112				81	124	
	Dieldrin	16.65	18.8	ug/kg	113				85	121	
	4,4'-DDE	16.65	18.8	ug/kg	113				81	123	
	Endrin	16.65	18.5	ug/kg	111				76	130	
	Endosulfan II	16.65	18.4	ug/kg	111				80	125	
	4,4'-DDD	16.65	20.1	ug/kg	121				80	131	
	Endosulfan sulfate	16.65	17.9	ug/kg	108				81	122	
	4,4'-DDT	16.65	15.0	ug/kg	90				70	129	
	Methoxychlor	16.65	15.5	ug/kg	93				60	119	
	Endrin ketone	16.65	18.5	ug/kg	111				77	132	
	Endrin aldehyde	16.65	17.5	ug/kg	105				79	124	
	alpha-Chlordane	16.65	18.7	ug/kg	112				84	120	
	gamma-Chlordane	16.65	18.8	ug/kg	113				83	122	
PB168075BS (Column 2)	alpha-BHC	16.65	18.5	ug/kg	111				84	123	
	beta-BHC	16.65	18.3	ug/kg	110				82	123	
	delta-BHC	16.65	17.5	ug/kg	105				83	126	
	gamma-BHC (Lindane)	16.65	18.5	ug/kg	111				83	125	
	Heptachlor	16.65	17.6	ug/kg	106				83	122	
	Aldrin	16.65	18.8	ug/kg	113				82	124	
	Heptachlor epoxide	16.65	18.4	ug/kg	111				83	120	
	Endosulfan I	16.65	17.5	ug/kg	105				81	124	
	Dieldrin	16.65	18.3	ug/kg	110				85	121	
	4,4'-DDE	16.65	18.2	ug/kg	109				81	123	
	Endrin	16.65	18.0	ug/kg	108				76	130	
	Endosulfan II	16.65	18.0	ug/kg	108				80	125	
	4,4'-DDD	16.65	19.2	ug/kg	115				80	131	
	Endosulfan sulfate	16.65	17.3	ug/kg	104				81	122	
	4,4'-DDT	16.65	15.4	ug/kg	92				70	129	
	Methoxychlor	16.65	15.6	ug/kg	94				60	119	
	Endrin ketone	16.65	17.7	ug/kg	106				77	132	
	Endrin aldehyde	16.65	17.2	ug/kg	103				79	124	
	alpha-Chlordane	16.65	18.2	ug/kg	109				84	120	
	gamma-Chlordane	16.65	18.4	ug/kg	111				83	122	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168075BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074

SAS No.: Q2074 SDG NO.: Q2074

Lab Sample ID: PB168075BL

Lab File ID: PD088659.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/20/2025

Date Analyzed (1): 05/20/2025

Date Analyzed (2): 05/20/2025

Time Analyzed (1): 17:11

Time Analyzed (2): 17:11

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
PB168075BS	PB168075BS	PD088660.D	05/20/2025	05/20/2025
TP-12	Q2074-01	PD088661.D	05/20/2025	05/20/2025
TP-7	Q2074-02	PD088662.D	05/20/2025	05/20/2025
TP-15	Q2074-03	PD088663.D	05/20/2025	05/20/2025
TP-20	Q2074-04	PD088664.D	05/20/2025	05/20/2025
TP-20MS	Q2074-04MS	PD088665.D	05/20/2025	05/20/2025
TP-20MSD	Q2074-04MSD	PD088666.D	05/20/2025	05/20/2025
TP-38	Q2074-05	PD088667.D	05/20/2025	05/20/2025
TP-19	Q2074-06	PD088668.D	05/20/2025	05/20/2025
TP-40	Q2074-07	PD088669.D	05/20/2025	05/20/2025
TP-18	Q2074-08	PD088670.D	05/20/2025	05/20/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168075BL	SDG No.:	Q2074
Lab Sample ID:	PB168075BL	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
PD088659.D	1	05/20/25 08:45	05/20/25 17:11	PB168075

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	18.7		20 - 144	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		19 - 148	95%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168075BL		SDG No.:	Q2074	
Lab Sample ID:	PB168075BL		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
PD088659.D	1	05/20/25 08:45	05/20/25 17:11	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	05/19/25
Project:	South River WM Replacement	Date Received:	05/19/25
Client Sample ID:	PIBLK-PD088583.D	SDG No.:	Q2074
Lab Sample ID:	I.BLK-PD088583.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
PD088583.D	1		05/19/25	PD051925

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	18.4		43 - 140	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		77 - 126	84%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	05/19/25	
Project:	South River WM Replacement		Date Received:	05/19/25	
Client Sample ID:	PIBLK-PD088583.D		SDG No.:	Q2074	
Lab Sample ID:	I.BLK-PD088583.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
PD088583.D	1		05/19/25	PD051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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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:	05/20/25	
Project:	South River WM Replacement		Date Received:	05/20/25	
Client Sample ID:	PIBLK-PD088656.D		SDG No.:	Q2074	
Lab Sample ID:	I.BLK-PD088656.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
PD088656.D	1		05/20/25	PD052025

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	18.2		43 - 140	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		77 - 126	94%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	05/20/25	
Project:	South River WM Replacement		Date Received:	05/20/25	
Client Sample ID:	PIBLK-PD088656.D		SDG No.:	Q2074	
Lab Sample ID:	I.BLK-PD088656.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
PD088656.D	1		05/20/25	PD052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	05/20/25
Project:	South River WM Replacement	Date Received:	05/20/25
Client Sample ID:	PIBLK-PD088673.D	SDG No.:	Q2074
Lab Sample ID:	I.BLK-PD088673.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
PD088673.D	1		05/20/25	PD052025

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	18.8		43 - 140	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		77 - 126	96%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	05/20/25	
Project:	South River WM Replacement		Date Received:	05/20/25	
Client Sample ID:	PIBLK-PD088673.D		SDG No.:	Q2074	
Lab Sample ID:	I.BLK-PD088673.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
PD088673.D	1		05/20/25	PD052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	PB168075BS	SDG No.:	Q2074
Lab Sample ID:	PB168075BS	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
PD088660.D	1	05/20/25 08:45	05/20/25 17:25	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.7		0.13	1.70	ug/kg
319-85-7	beta-BHC	18.3		0.18	1.70	ug/kg
319-86-8	delta-BHC	18.9		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	18.7		0.14	1.70	ug/kg
76-44-8	Heptachlor	18.4		0.12	1.70	ug/kg
309-00-2	Aldrin	18.9		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	18.8		0.19	1.70	ug/kg
959-98-8	Endosulfan I	18.7		0.14	1.70	ug/kg
60-57-1	Dieldrin	18.8		0.14	1.70	ug/kg
72-55-9	4,4-DDE	18.8		0.14	1.70	ug/kg
72-20-8	Endrin	18.5		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	18.4		0.29	1.70	ug/kg
72-54-8	4,4-DDD	20.1		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	15.4		0.14	1.70	ug/kg
72-43-5	Methoxychlor	15.6		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	18.5		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.5		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	18.7		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	18.8		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.6		20 - 144	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.2		19 - 148	126%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168075BS		SDG No.:	Q2074	
Lab Sample ID:	PB168075BS		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
PD088660.D	1	05/20/25 08:45	05/20/25 17:25	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	05/16/25
Client Sample ID:	TP-20MS	SDG No.:	Q2074
Lab Sample ID:	Q2074-04MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3 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
PD088665.D	1	05/20/25 08:45	05/20/25 18:33	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.1		0.15	2.00	ug/kg
319-85-7	beta-BHC	18.3		0.21	2.00	ug/kg
319-86-8	delta-BHC	19.0		0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	18.1		0.17	2.00	ug/kg
76-44-8	Heptachlor	17.4		0.14	2.00	ug/kg
309-00-2	Aldrin	18.0		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	17.6		0.22	2.00	ug/kg
959-98-8	Endosulfan I	17.8		0.17	2.00	ug/kg
60-57-1	Dieldrin	17.6		0.17	2.00	ug/kg
72-55-9	4,4-DDE	17.1		0.17	2.00	ug/kg
72-20-8	Endrin	17.2		0.17	2.00	ug/kg
33213-65-9	Endosulfan II	17.2		0.34	2.00	ug/kg
72-54-8	4,4-DDD	19.0		0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	16.9		0.15	2.00	ug/kg
50-29-3	4,4-DDT	14.3		0.17	2.00	ug/kg
72-43-5	Methoxychlor	14.4		0.44	2.00	ug/kg
53494-70-5	Endrin ketone	16.9		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	17.2		0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	17.6		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	17.6		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	39.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		20 - 144	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		19 - 148	98%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-20MS	SDG No.:	Q2074
Lab Sample ID:	Q2074-04MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3
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
PD088665.D	1	05/20/25 08:45	05/20/25 18:33	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	05/16/25
Client Sample ID:	TP-20MSD	SDG No.:	Q2074
Lab Sample ID:	Q2074-04MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3 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
PD088666.D	1	05/20/25 08:45	05/20/25 18:47	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.1		0.15	2.00	ug/kg
319-85-7	beta-BHC	18.3		0.21	2.00	ug/kg
319-86-8	delta-BHC	18.8		0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	18.1		0.17	2.00	ug/kg
76-44-8	Heptachlor	17.2		0.14	2.00	ug/kg
309-00-2	Aldrin	17.9		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	17.5		0.22	2.00	ug/kg
959-98-8	Endosulfan I	17.7		0.17	2.00	ug/kg
60-57-1	Dieldrin	17.5		0.17	2.00	ug/kg
72-55-9	4,4-DDE	16.9		0.17	2.00	ug/kg
72-20-8	Endrin	17.0		0.17	2.00	ug/kg
33213-65-9	Endosulfan II	17.0		0.34	2.00	ug/kg
72-54-8	4,4-DDD	18.9		0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	16.8		0.15	2.00	ug/kg
50-29-3	4,4-DDT	14.0		0.17	2.00	ug/kg
72-43-5	Methoxychlor	14.4		0.44	2.00	ug/kg
53494-70-5	Endrin ketone	16.9		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	17.2		0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	17.5		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	17.5		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	39.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		20 - 144	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.7		19 - 148	98%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-20MSD	SDG No.:	Q2074
Lab Sample ID:	Q2074-04MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3
Sample Wt/Vol:	30.08	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
PD088666.D	1	05/20/25 08:45	05/20/25 18:47	PB168075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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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
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G
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I
J
K
L

Calibration Times: 11:31 12:25

LAB FILE ID:	RT 100 =	<u>PD088586.D</u>	RT 075 =	<u>PD088587.D</u>
	RT 050 =	PD088588.D	RT 025 =	PD088589.D
			RT 005 =	PD088590.D

[illegible]

A
B
C
D
E
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G
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I
J
K
L

Calibration Times: 11:31 12:25

LAB FILE ID:	RT 100 =	<u>PD088586.D</u>	RT 075 =	<u>PD088587.D</u>
	RT 050 =	PD088588.D	RT 025 =	PD088589.D
			RT 005 =	PD088590.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2074 **SAS No.:** Q2074 **SDG NO.:** Q2074

Instrument ID: ECD_D

Calibration Date(s): 05/19/2025 05/19/2025

Calibration Times: 11:31 12:25

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

LAB FILE ID:		CF 100 =	<u>PD088586.D</u>	CF 075 =	<u>PD088587.D</u>		
CF 050 =		<u>PD088588.D</u>	CF 025 =	<u>PD088589.D</u>	CF 005 =	<u>PD088590.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2914090000	2799000000	2779180000	2710870000	2722370000	2785100000	3
4,4'-DDE	3774980000	3611130000	3587930000	3472130000	3500730000	3589380000	3
4,4'-DDT	3259380000	3125810000	3123770000	3049470000	3051770000	3122040000	3
Aldrin	4596320000	4382320000	4371060000	4250500000	4372370000	4394520000	3
alpha-BHC	5243840000	4927900000	4847290000	4558490000	4305310000	4776570000	8
alpha-Chlordane	4076620000	3927960000	3953820000	3921900000	4151070000	4006270000	3
beta-BHC	1766090000	1717900000	1760360000	1812740000	1958690000	1803160000	5
Decachlorobiphenyl	3171750000	3154190000	3328750000	3504210000	3952750000	3422330000	10
delta-BHC	4581340000	4301280000	4227770000	4018060000	4002280000	4226150000	6
Dieldrin	4168640000	3995190000	3987890000	3911690000	3995230000	4011730000	2
Endosulfan I	3801350000	3677400000	3708760000	3706130000	3920970000	3762920000	3
Endosulfan II	3424800000	3321140000	3361490000	3381320000	3729210000	3443590000	5
Endosulfan sulfate	3185730000	3096410000	3144570000	3175940000	3412700000	3203070000	4
Endrin	3544350000	3400630000	3391880000	3322590000	3416420000	3415180000	2
Endrin aldehyde	2503120000	2458460000	2511530000	2573510000	2826400000	2574600000	6
Endrin ketone	3433620000	3341030000	3388420000	3397950000	3554790000	3423160000	2
gamma-BHC (Lindane)	4951240000	4675430000	4617130000	4438320000	4331460000	4602720000	5
gamma-Chlordane	4124290000	3949610000	3951400000	3878720000	4040730000	3988950000	2
Heptachlor	4681230000	4453430000	4445350000	4335710000	4440380000	4471220000	3
Heptachlor epoxide	4018350000	3865780000	3896760000	3892850000	4172720000	3969290000	3
Methoxychlor	1605530000	1584480000	1642420000	1697880000	1822460000	1670550000	6
Tetrachloro-m-xylene	2149340000	2072320000	2122010000	2161140000	2313950000	2163750000	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2074 **SAS No.:** Q2074 **SDG NO.:** Q2074

Instrument ID: ECD_D **Calibration Date(s):** 05/19/2025 05/19/2025
Calibration Times: 11:31 12:25

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

LAB FILE ID:		CF 100 = <u>PD088586.D</u>		CF 075 = <u>PD088587.D</u>			
CF 050 = <u>PD088588.D</u>		CF 025 = <u>PD088589.D</u>		CF 005 = <u>PD088590.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	16063600000	16170400000	16726900000	17873500000	20127100000	17392300000	10
4,4'-DDE	19308600000	19422500000	20046800000	21437600000	24298000000	20902700000	10
4,4'-DDT	17279500000	17314500000	17782900000	18728300000	19581500000	18137300000	6
Aldrin	20429300000	20424000000	21187100000	22461000000	25147900000	21929900000	9
alpha-BHC	22814100000	22470400000	23262900000	24245000000	26726300000	23903700000	7
alpha-Chlordane	19049500000	19079200000	19770800000	21135500000	24089000000	20624800000	10
beta-BHC	8864520000	8872030000	9302460000	10011600000	11658900000	9741890000	12
Decachlorobiphenyl	16504300000	16618500000	17317300000	18707400000	22133900000	18256300000	13
delta-BHC	21126000000	20875000000	21573100000	22598000000	25298500000	22294100000	8
Dieldrin	19383000000	19454300000	20211700000	21634500000	24536100000	21043900000	10
Endosulfan I	17297300000	17455200000	18206500000	19567700000	22365500000	18978400000	11
Endosulfan II	16670500000	16849700000	17581300000	18878300000	21629100000	18321800000	11
Endosulfan sulfate	16098100000	16280100000	16999000000	18309500000	21092700000	17755900000	12
Endrin	17557800000	17708400000	18459500000	19851800000	22842600000	19284000000	11
Endrin aldehyde	12431500000	12681500000	13251800000	14445500000	16833500000	13928800000	13
Endrin ketone	17469300000	17778800000	18605700000	20062800000	22820400000	19347400000	11
gamma-BHC (Lindane)	21035300000	20781600000	21450400000	22534500000	25026800000	22165700000	8
gamma-Chlordane	19824600000	19800200000	20463700000	21793000000	24778500000	21332000000	10
Heptachlor	20762900000	20801500000	21647900000	23011300000	26050900000	22454900000	10
Heptachlor epoxide	18126800000	18251100000	19076900000	20442600000	23459100000	19871300000	11
Methoxychlor	8571980000	8801040000	9285240000	10058400000	11157300000	9574790000	11
Tetrachloro-m-xylene	14104900000	13970700000	14552300000	15457700000	17548700000	15126900000	10

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

Instrument ID: ECD_D Date(s) Analyzed: 05/19/2025 05/19/2025

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	26389700
		2	6.44	6.34	6.54	38119600
		3	7.15	7.05	7.25	72288300
		4	7.57	7.47	7.67	91412700
		5	7.93	7.83	8.03	52259600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

Instrument ID: ECD_D Date(s) Analyzed: 05/19/2025 05/19/2025

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	139231000
		2	5.65	5.55	5.75	94078800
		3	6.76	6.66	6.86	437083000
		4	7.20	7.10	7.30	311285000
		5	7.33	7.23	7.43	216975000

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

Continuing Calib Date: 05/20/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 16:57 Initial Calibration Time(s): 11:31 12:25

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	0.01
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	7.50	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.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

Continuing Calib Date: 05/20/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 16:57 Initial Calibration Time(s): 11:31 12:25

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	3.39	3.29	3.49	0.00
beta-BHC	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
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	5.51	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.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL01 Date Analyzed: 05/20/2025

Lab Sample No.: PSTDCCC050 Data File : PD088658.D Time Analyzed: 16:57

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.707	6.608	6.808	53.280	50.000	6.6
4,4'-DDE	6.197	6.098	6.298	50.230	50.000	0.5
4,4'-DDT	7.022	6.923	7.123	41.180	50.000	-17.6
Aldrin	5.273	5.173	5.373	51.710	50.000	3.4
alpha-BHC	4.001	3.900	4.100	52.930	50.000	5.9
alpha-Chlordane	6.029	5.930	6.130	50.580	50.000	1.2
beta-BHC	4.517	4.417	4.617	50.950	50.000	1.9
Decachlorobiphenyl	9.077	8.977	9.177	52.040	50.000	4.1
delta-BHC	4.765	4.666	4.866	54.910	50.000	9.8
Dieldrin	6.349	6.250	6.450	50.690	50.000	1.4
Endosulfan I	6.076	5.977	6.177	50.220	50.000	0.4
Endosulfan II	6.788	6.688	6.888	48.520	50.000	-3.0
Endosulfan sulfate	7.151	7.052	7.252	49.860	50.000	-0.3
Endrin	6.576	6.477	6.677	50.030	50.000	0.1
Endrin aldehyde	6.917	6.817	7.017	46.700	50.000	-6.6
Endrin ketone	7.633	7.533	7.733	49.030	50.000	-1.9
gamma-BHC (Lindane)	4.332	4.232	4.432	52.290	50.000	4.6
gamma-Chlordane	5.948	5.848	6.048	50.900	50.000	1.8
Heptachlor	4.931	4.832	5.032	50.650	50.000	1.3
Heptachlor epoxide	5.693	5.593	5.793	50.950	50.000	1.9
Methoxychlor	7.495	7.395	7.595	41.930	50.000	-16.1
Tetrachloro-m-xylene	3.551	3.451	3.651	56.870	50.000	13.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL01 Date Analyzed: 05/20/2025

Lab Sample No.: PSTDCCC050 Data File : PD088658.D Time Analyzed: 16:57

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.932	5.833	6.033	50.370	50.000	0.7
4,4'-DDE	5.375	5.278	5.478	48.790	50.000	-2.4
4,4'-DDT	6.185	6.087	6.287	43.570	50.000	-12.9
Aldrin	4.370	4.271	4.471	51.230	50.000	2.5
alpha-BHC	3.394	3.294	3.494	51.270	50.000	2.5
alpha-Chlordane	5.192	5.094	5.294	49.000	50.000	-2.0
beta-BHC	4.027	3.927	4.127	50.530	50.000	1.1
Decachlorobiphenyl	8.075	7.977	8.177	48.390	50.000	-3.2
delta-BHC	4.264	4.164	4.364	50.860	50.000	1.7
Dieldrin	5.514	5.416	5.616	48.540	50.000	-2.9
Endosulfan I	5.248	5.150	5.350	46.230	50.000	-7.5
Endosulfan II	6.082	5.984	6.184	48.690	50.000	-2.6
Endosulfan sulfate	6.484	6.386	6.586	47.050	50.000	-5.9
Endrin	5.791	5.692	5.892	48.650	50.000	-2.7
Endrin aldehyde	6.260	6.162	6.362	46.280	50.000	-7.4
Endrin ketone	6.993	6.895	7.095	47.210	50.000	-5.6
gamma-BHC (Lindane)	3.731	3.631	3.831	50.790	50.000	1.6
gamma-Chlordane	5.127	5.029	5.229	49.950	50.000	-0.1
Heptachlor	4.085	3.985	4.185	48.750	50.000	-2.5
Heptachlor epoxide	4.874	4.775	4.975	49.450	50.000	-1.1
Methoxychlor	6.756	6.658	6.858	44.530	50.000	-10.9
Tetrachloro-m-xylene	2.882	2.782	2.982	56.190	50.000	12.4

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

Continuing Calib Date: 05/20/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 20:36 Initial Calibration Time(s): 11:31 12:25

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	0.01
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.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

Continuing Calib Date: 05/20/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 20:36 Initial Calibration Time(s): 11:31 12:25

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	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.03	4.03	3.93	4.13	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
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	5.51	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.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL02 Date Analyzed: 05/20/2025

Lab Sample No.: PSTDCCC050 Data File : PD088674.D Time Analyzed: 20:36

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.706	6.608	6.808	54.060	50.000	8.1
4,4'-DDE	6.197	6.098	6.298	50.980	50.000	2.0
4,4'-DDT	7.021	6.923	7.123	42.100	50.000	-15.8
Aldrin	5.273	5.173	5.373	52.660	50.000	5.3
alpha-BHC	4.001	3.900	4.100	53.540	50.000	7.1
alpha-Chlordane	6.028	5.930	6.130	51.370	50.000	2.7
beta-BHC	4.516	4.417	4.617	51.570	50.000	3.1
Decachlorobiphenyl	9.075	8.977	9.177	53.190	50.000	6.4
delta-BHC	4.765	4.666	4.866	55.920	50.000	11.8
Dieldrin	6.348	6.250	6.450	51.610	50.000	3.2
Endosulfan I	6.076	5.977	6.177	51.080	50.000	2.2
Endosulfan II	6.787	6.688	6.888	49.400	50.000	-1.2
Endosulfan sulfate	7.151	7.052	7.252	50.980	50.000	2.0
Endrin	6.576	6.477	6.677	50.860	50.000	1.7
Endrin aldehyde	6.916	6.817	7.017	48.290	50.000	-3.4
Endrin ketone	7.631	7.533	7.733	50.150	50.000	0.3
gamma-BHC (Lindane)	4.332	4.232	4.432	52.830	50.000	5.7
gamma-Chlordane	5.947	5.848	6.048	51.770	50.000	3.5
Heptachlor	4.931	4.832	5.032	51.470	50.000	2.9
Heptachlor epoxide	5.692	5.593	5.793	51.690	50.000	3.4
Methoxychlor	7.494	7.395	7.595	43.420	50.000	-13.2
Tetrachloro-m-xylene	3.551	3.451	3.651	57.440	50.000	14.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL02 Date Analyzed: 05/20/2025

Lab Sample No.: PSTDCCC050 Data File : PD088674.D Time Analyzed: 20:36

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.931	5.833	6.033	51.370	50.000	2.7
4,4'-DDE	5.375	5.278	5.478	49.730	50.000	-0.5
4,4'-DDT	6.185	6.087	6.287	44.760	50.000	-10.5
Aldrin	4.370	4.271	4.471	51.920	50.000	3.8
alpha-BHC	3.394	3.294	3.494	51.880	50.000	3.8
alpha-Chlordane	5.192	5.094	5.294	49.900	50.000	-0.2
beta-BHC	4.026	3.927	4.127	51.430	50.000	2.9
Decachlorobiphenyl	8.074	7.977	8.177	50.710	50.000	1.4
delta-BHC	4.263	4.164	4.364	51.610	50.000	3.2
Dieldrin	5.514	5.416	5.616	49.340	50.000	-1.3
Endosulfan I	5.248	5.150	5.350	46.770	50.000	-6.5
Endosulfan II	6.082	5.984	6.184	49.660	50.000	-0.7
Endosulfan sulfate	6.483	6.386	6.586	48.120	50.000	-3.8
Endrin	5.791	5.692	5.892	49.400	50.000	-1.2
Endrin aldehyde	6.260	6.162	6.362	47.470	50.000	-5.1
Endrin ketone	6.993	6.895	7.095	48.220	50.000	-3.6
gamma-BHC (Lindane)	3.731	3.631	3.831	51.590	50.000	3.2
gamma-Chlordane	5.127	5.029	5.229	50.730	50.000	1.5
Heptachlor	4.084	3.985	4.185	49.920	50.000	-0.2
Heptachlor epoxide	4.874	4.775	4.975	50.390	50.000	0.8
Methoxychlor	6.756	6.658	6.858	45.850	50.000	-8.3
Tetrachloro-m-xylene	2.882	2.782	2.982	56.890	50.000	13.8

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **CAMP02**

Lab Code: **CHEM** Case No.: **Q2074** SAS No.: **Q2074** SDG NO.: **Q2074**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **05/19/2025** **05/19/2025**

Client Sample No. (PEM): **PEM - PD088584.D** Date Analyzed: **05/19/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **11:04**

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.076	8.980	9.180	21.510	20.000	7.6
Tetrachloro-m-xylene	3.550	3.500	3.600	19.960	20.000	-0.2
alpha-BHC	3.999	3.950	4.050	9.120	10.000	-8.8
beta-BHC	4.516	4.470	4.570	10.260	10.000	2.6
gamma-BHC (Lindane)	4.331	4.280	4.380	9.460	10.000	-5.4
Endrin	6.576	6.510	6.650	50.860	50.000	1.7
4,4'-DDT	7.023	6.950	7.090	101.210	100.000	1.2
Methoxychlor	7.495	7.420	7.570	234.710	250.000	-6.1

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **05/19/2025** **05/19/2025**

Client Sample No. (PEM): **PEM - PD088584.D** Date Analyzed: **05/19/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **11:04**

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.076	7.980	8.180	20.960	20.000	4.8
Tetrachloro-m-xylene	2.881	2.830	2.930	20.340	20.000	1.7
alpha-BHC	3.394	3.340	3.440	10.570	10.000	5.7
beta-BHC	4.027	3.980	4.080	10.990	10.000	9.9
gamma-BHC (Lindane)	3.731	3.680	3.780	10.670	10.000	6.7
Endrin	5.792	5.720	5.860	48.470	50.000	-3.1
4,4'-DDT	6.186	6.120	6.260	95.100	100.000	-4.9
Methoxychlor	6.757	6.690	6.830	195.630	250.000	-21.7

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No. (PEM): PEM - PD088657.D Date Analyzed: 05/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:44

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.077	8.980	9.180	21.780	20.000	8.9
Tetrachloro-m-xylene	3.552	3.500	3.600	22.090	20.000	10.5
alpha-BHC	4.001	3.950	4.050	10.000	10.000	0.0
beta-BHC	4.517	4.470	4.570	11.090	10.000	10.9
gamma-BHC (Lindane)	4.332	4.280	4.380	10.270	10.000	2.7
Endrin	6.577	6.510	6.650	53.440	50.000	6.9
4,4'-DDT	7.023	6.950	7.090	88.320	100.000	-11.7
Methoxychlor	7.496	7.430	7.570	209.710	250.000	-16.1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No. (PEM): PEM - PD088657.D Date Analyzed: 05/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:44

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.074	7.970	8.170	19.920	20.000	-0.4
Tetrachloro-m-xylene	2.882	2.830	2.930	22.770	20.000	13.9
alpha-BHC	3.394	3.340	3.440	11.730	10.000	17.3
beta-BHC	4.027	3.980	4.080	11.680	10.000	16.8
gamma-BHC (Lindane)	3.731	3.680	3.780	11.730	10.000	17.3
Endrin	5.792	5.720	5.860	51.130	50.000	2.3
4,4'-DDT	6.185	6.110	6.260	83.500	100.000	-16.5
Methoxychlor	6.756	6.690	6.830	179.890	250.000	-28.0

Analytical Sequence

Client: CDM Smith	SDG No.: Q2074
Project: South River WM Replacement	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 05/19/2025 05/19/2025

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 #
LBLK	LBLK	05/19/2025	10:50	PD088583.D	9.08	3.55
PEM	PEM	05/19/2025	11:04	PD088584.D	9.08	3.55
RESCHK	RESCHK	05/19/2025	11:17	PD088585.D	9.08	3.55
PSTDICC100	PSTDICC100	05/19/2025	11:31	PD088586.D	9.08	3.55
PSTDICC075	PSTDICC075	05/19/2025	11:45	PD088587.D	9.08	3.55
PSTDICC050	PSTDICC050	05/19/2025	11:58	PD088588.D	9.08	3.55
PSTDICC025	PSTDICC025	05/19/2025	12:12	PD088589.D	9.08	3.55
PSTDICC005	PSTDICC005	05/19/2025	12:25	PD088590.D	9.08	3.55
PCHLORICC500	PCHLORICC500	05/19/2025	13:06	PD088593.D	9.08	3.55
PTOXICC500	PTOXICC500	05/19/2025	14:14	PD088598.D	9.08	3.55
LBLK	LBLK	05/20/2025	16:30	PD088656.D	9.08	3.55
PEM	PEM	05/20/2025	16:44	PD088657.D	9.08	3.55
PSTDCCC050	PSTDCCC050	05/20/2025	16:57	PD088658.D	9.08	3.55
PB168075BL	PB168075BL	05/20/2025	17:11	PD088659.D	9.08	3.55
PB168075BS	PB168075BS	05/20/2025	17:25	PD088660.D	9.08	3.55
TP-12	Q2074-01	05/20/2025	17:38	PD088661.D	9.08	3.55
TP-7	Q2074-02	05/20/2025	17:52	PD088662.D	9.08	3.55
TP-15	Q2074-03	05/20/2025	18:06	PD088663.D	9.08	3.55
TP-20	Q2074-04	05/20/2025	18:19	PD088664.D	9.08	3.55
TP-20MS	Q2074-04MS	05/20/2025	18:33	PD088665.D	9.08	3.55
TP-20MSD	Q2074-04MSD	05/20/2025	18:47	PD088666.D	9.08	3.55
TP-38	Q2074-05	05/20/2025	19:00	PD088667.D	9.08	3.55
TP-19	Q2074-06	05/20/2025	19:14	PD088668.D	9.08	3.55
TP-40	Q2074-07	05/20/2025	19:28	PD088669.D	9.08	3.55
TP-18	Q2074-08	05/20/2025	19:41	PD088670.D	9.08	3.55
LBLK	LBLK	05/20/2025	20:22	PD088673.D	9.08	3.55
PSTDCCC050	PSTDCCC050	05/20/2025	20:36	PD088674.D	9.08	3.55

Analytical Sequence

Client: CDM Smith	SDG No.: Q2074
Project: South River WM Replacement	Instrument ID: ECD_D
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/19/2025 05/19/2025

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	05/19/2025	10:50	PD088583.D	8.08	2.88
PEM	PEM	05/19/2025	11:04	PD088584.D	8.08	2.88
RESCHK	RESCHK	05/19/2025	11:17	PD088585.D	8.08	2.88
PSTDICC100	PSTDICC100	05/19/2025	11:31	PD088586.D	8.08	2.88
PSTDICC075	PSTDICC075	05/19/2025	11:45	PD088587.D	8.08	2.88
PSTDICC050	PSTDICC050	05/19/2025	11:58	PD088588.D	8.08	2.88
PSTDICC025	PSTDICC025	05/19/2025	12:12	PD088589.D	8.08	2.88
PSTDICC005	PSTDICC005	05/19/2025	12:25	PD088590.D	8.08	2.88
PCHLORICC500	PCHLORICC500	05/19/2025	13:06	PD088593.D	8.08	2.88
PTOXICC500	PTOXICC500	05/19/2025	14:14	PD088598.D	8.08	2.88
IBLK	IBLK	05/20/2025	16:30	PD088656.D	8.08	2.88
PEM	PEM	05/20/2025	16:44	PD088657.D	8.07	2.88
PSTDCCC050	PSTDCCC050	05/20/2025	16:57	PD088658.D	8.08	2.88
PB168075BL	PB168075BL	05/20/2025	17:11	PD088659.D	8.07	2.88
PB168075BS	PB168075BS	05/20/2025	17:25	PD088660.D	8.08	2.88
TP-12	Q2074-01	05/20/2025	17:38	PD088661.D	8.07	2.88
TP-7	Q2074-02	05/20/2025	17:52	PD088662.D	8.07	2.88
TP-15	Q2074-03	05/20/2025	18:06	PD088663.D	8.07	2.88
TP-20	Q2074-04	05/20/2025	18:19	PD088664.D	8.07	2.88
TP-20MS	Q2074-04MS	05/20/2025	18:33	PD088665.D	8.08	2.88
TP-20MSD	Q2074-04MSD	05/20/2025	18:47	PD088666.D	8.07	2.88
TP-38	Q2074-05	05/20/2025	19:00	PD088667.D	8.08	2.88
TP-19	Q2074-06	05/20/2025	19:14	PD088668.D	8.07	2.88
TP-40	Q2074-07	05/20/2025	19:28	PD088669.D	8.07	2.88
TP-18	Q2074-08	05/20/2025	19:41	PD088670.D	8.07	2.88
IBLK	IBLK	05/20/2025	20:22	PD088673.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/20/2025	20:36	PD088674.D	8.07	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168075BS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2074

SAS No.: Q2074

SDG NO.: Q2074

Lab Sample ID: PB168075BS

Date(s) Analyzed: 05/20/2025

05/20/2025

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	18.4	2.2
	2	6.08	6.03	6.13	18.0	
4,4'-DDD	1	6.71	6.66	6.76	20.1	4.6
	2	5.93	5.88	5.98	19.2	
4,4'-DDT	1	7.02	6.97	7.07	15.0	2.6
	2	6.19	6.14	6.24	15.4	
Endrin aldehyde	1	6.92	6.87	6.97	17.5	1.7
	2	6.26	6.21	6.31	17.2	
Endosulfan sulfate	1	7.15	7.10	7.20	17.9	3.4
	2	6.48	6.43	6.53	17.3	
alpha-BHC	1	4.00	3.95	4.05	18.7	1.1
	2	3.39	3.34	3.44	18.5	
Aldrin	1	5.27	5.22	5.32	18.9	0.5
	2	4.37	4.32	4.42	18.8	
beta-BHC	1	4.52	4.47	4.57	18.1	1.1
	2	4.03	3.98	4.08	18.3	
delta-BHC	1	4.77	4.72	4.82	18.9	7.7
	2	4.26	4.21	4.31	17.5	
Endosulfan I	1	6.08	6.03	6.13	18.7	6.6
	2	5.25	5.20	5.30	17.5	
alpha-Chlordane	1	6.03	5.98	6.08	18.7	2.7
	2	5.19	5.14	5.24	18.2	
4,4'-DDE	1	6.20	6.15	6.25	18.8	3.2
	2	5.38	5.33	5.43	18.2	
Dieldrin	1	6.35	6.30	6.40	18.8	2.7
	2	5.52	5.47	5.57	18.3	
Endrin	1	6.58	6.53	6.63	18.5	2.7
	2	5.79	5.74	5.84	18.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168075BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074

SAS No.: Q2074 SDG NO.: Q2074

Lab Sample ID: PB168075BS

Date(s) Analyzed: 05/20/2025 05/20/2025

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	7.50	7.45	7.55	15.5	0.6
	2	6.76	6.71	6.81	15.6	
Endrin ketone	1	7.63	7.58	7.68	18.5	4.4
	2	6.99	6.94	7.04	17.7	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	18.7	1.1
	2	3.73	3.68	3.78	18.5	
Heptachlor	1	4.93	4.88	4.98	18.4	4.4
	2	4.09	4.04	4.14	17.6	
Heptachlor epoxide	1	5.69	5.64	5.74	18.8	2.2
	2	4.88	4.83	4.93	18.4	
gamma-Chlordane	1	5.95	5.90	6.00	18.8	2.2
	2	5.13	5.08	5.18	18.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-12

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074 SDG NO.: Q2074

Lab Sample ID: Q2074-01 Date(s) Analyzed: 05/20/2025 05/20/2025

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'-DDT	1	7.03	6.98	7.08	0.18	106.6
	2	6.18	6.13	6.23	0.60	
Endosulfan sulfate	1	7.15	7.10	7.20	0.79	68.3
	2	6.50	6.45	6.55	1.60	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-15

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2074

SAS No.: Q2074

SDG NO.: Q2074

Lab Sample ID: Q2074-03

Date(s) Analyzed: 05/20/2025

05/20/2025

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		
alpha-Chlordane	1	6.04	5.99	6.09	0.36	67.6
	2	5.19	5.14	5.24	0.18	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-20MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074

SAS No.: Q2074 SDG NO.: Q2074

Lab Sample ID: Q2074-04MS

Date(s) Analyzed: 05/20/2025 05/20/2025

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	17.2	1.2
	2	6.08	6.03	6.13	17.0	
4,4'-DDD	1	6.71	6.66	6.76	19.0	8.8
	2	5.93	5.88	5.98	17.4	
4,4'-DDT	1	7.02	6.97	7.07	14.3	2.1
	2	6.19	6.14	6.24	14.0	
Endrin aldehyde	1	6.92	6.87	6.97	17.2	2.9
	2	6.26	6.21	6.31	16.7	
Endosulfan sulfate	1	7.15	7.10	7.20	16.9	2.4
	2	6.48	6.43	6.53	16.5	
Methoxychlor	1	7.50	7.45	7.55	13.6	5.7
	2	6.76	6.71	6.81	14.4	
Endrin ketone	1	7.63	7.58	7.68	16.9	4.2
	2	6.99	6.94	7.04	16.2	
alpha-BHC	1	4.00	3.95	4.05	18.0	0.6
	2	3.39	3.34	3.44	18.1	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	18.1	1.7
	2	3.73	3.68	3.78	17.8	
Heptachlor	1	4.93	4.88	4.98	17.4	0.6
	2	4.08	4.03	4.13	17.3	
Aldrin	1	5.27	5.22	5.32	18.0	1.1
	2	4.37	4.32	4.42	17.8	
beta-BHC	1	4.52	4.47	4.57	16.5	10.3
	2	4.03	3.98	4.08	18.3	
delta-BHC	1	4.77	4.72	4.82	19.0	6.5
	2	4.26	4.21	4.31	17.8	
Heptachlor epoxide	1	5.69	5.64	5.74	17.6	0.6
	2	4.87	4.82	4.92	17.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-20MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074

SAS No.: Q2074 SDG NO.: Q2074

Lab Sample ID: Q2074-04MS

Date(s) Analyzed: 05/20/2025 05/20/2025

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	17.8	8.2
	2	5.25	5.20	5.30	16.4	
gamma-Chlordane	1	5.95	5.90	6.00	17.6	0.6
	2	5.13	5.08	5.18	17.5	
alpha-Chlordane	1	6.03	5.98	6.08	17.6	1.1
	2	5.19	5.14	5.24	17.4	
4,4'-DDE	1	6.20	6.15	6.25	16.9	1.2
	2	5.38	5.33	5.43	17.1	
Dieldrin	1	6.35	6.30	6.40	17.6	0
	2	5.52	5.47	5.57	17.6	
Endrin	1	6.58	6.53	6.63	17.2	1.2
	2	5.79	5.74	5.84	17.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-20MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074

SAS No.: Q2074 SDG NO.: Q2074

Lab Sample ID: Q2074-04MSD

Date(s) Analyzed: 05/20/2025 05/20/2025

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	17.0	0
	2	6.08	6.03	6.13	17.0	
4,4'-DDD	1	6.71	6.66	6.76	18.9	8.8
	2	5.93	5.88	5.98	17.3	
4,4'-DDT	1	7.02	6.97	7.07	14.0	0
	2	6.19	6.14	6.24	14.0	
Endrin aldehyde	1	6.92	6.87	6.97	17.2	2.9
	2	6.26	6.21	6.31	16.7	
Endosulfan sulfate	1	7.15	7.10	7.20	16.8	1.8
	2	6.48	6.43	6.53	16.5	
Methoxychlor	1	7.50	7.45	7.55	13.2	8.7
	2	6.75	6.70	6.80	14.4	
Endrin ketone	1	7.63	7.58	7.68	16.9	4.8
	2	6.99	6.94	7.04	16.1	
alpha-BHC	1	4.00	3.95	4.05	17.9	1.1
	2	3.39	3.34	3.44	18.1	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	18.1	1.7
	2	3.73	3.68	3.78	17.8	
Heptachlor	1	4.93	4.88	4.98	17.2	0
	2	4.08	4.03	4.13	17.2	
Aldrin	1	5.27	5.22	5.32	17.9	0.6
	2	4.37	4.32	4.42	17.8	
beta-BHC	1	4.52	4.47	4.57	16.4	11
	2	4.03	3.98	4.08	18.3	
delta-BHC	1	4.77	4.72	4.82	18.8	5.5
	2	4.26	4.21	4.31	17.8	
Heptachlor epoxide	1	5.69	5.64	5.74	17.5	1.1
	2	4.87	4.82	4.92	17.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-20MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074

SAS No.: Q2074 SDG NO.: Q2074

Lab Sample ID: Q2074-04MSD

Date(s) Analyzed: 05/20/2025 05/20/2025

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	17.7	8.2
	2	5.25	5.20	5.30	16.3	
gamma-Chlordane	1	5.95	5.90	6.00	17.5	0
	2	5.13	5.08	5.18	17.5	
alpha-Chlordane	1	6.03	5.98	6.08	17.5	1.1
	2	5.19	5.14	5.24	17.3	
4,4'-DDE	1	6.20	6.15	6.25	16.8	0.6
	2	5.38	5.33	5.43	16.9	
Dieldrin	1	6.35	6.30	6.40	17.4	0.6
	2	5.51	5.46	5.56	17.5	
Endrin	1	6.58	6.53	6.63	17.0	0.6
	2	5.79	5.74	5.84	16.9	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 17:38
 Operator : AR\AJ
 Sample : Q2074-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-12

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/21/2025
 Supervised By : mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 09:09:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	37566196	278.8E6	17.362	18.433
28) SA Decachlor...	9.080	8.074	61764247	283.5E6	18.047	15.531
Target Compounds						
17) MA 4,4'-DDT	7.025	6.181	1451557	27313313	0.465	1.506 #
19) B Endosulfa...	7.149	6.501	6325715	70120775	1.975m	3.949m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088661.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 17:38
Operator : AR\AJ
Sample : Q2074-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-12

Manual Integrations

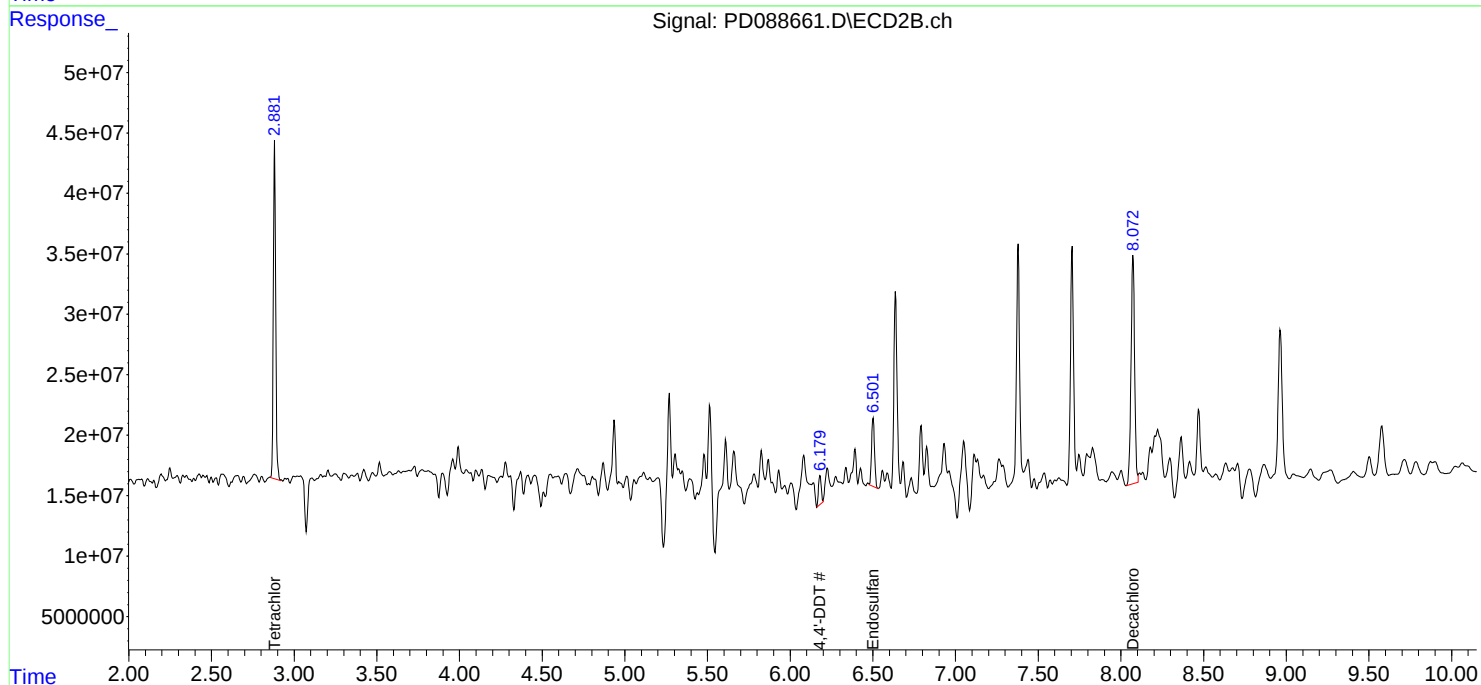
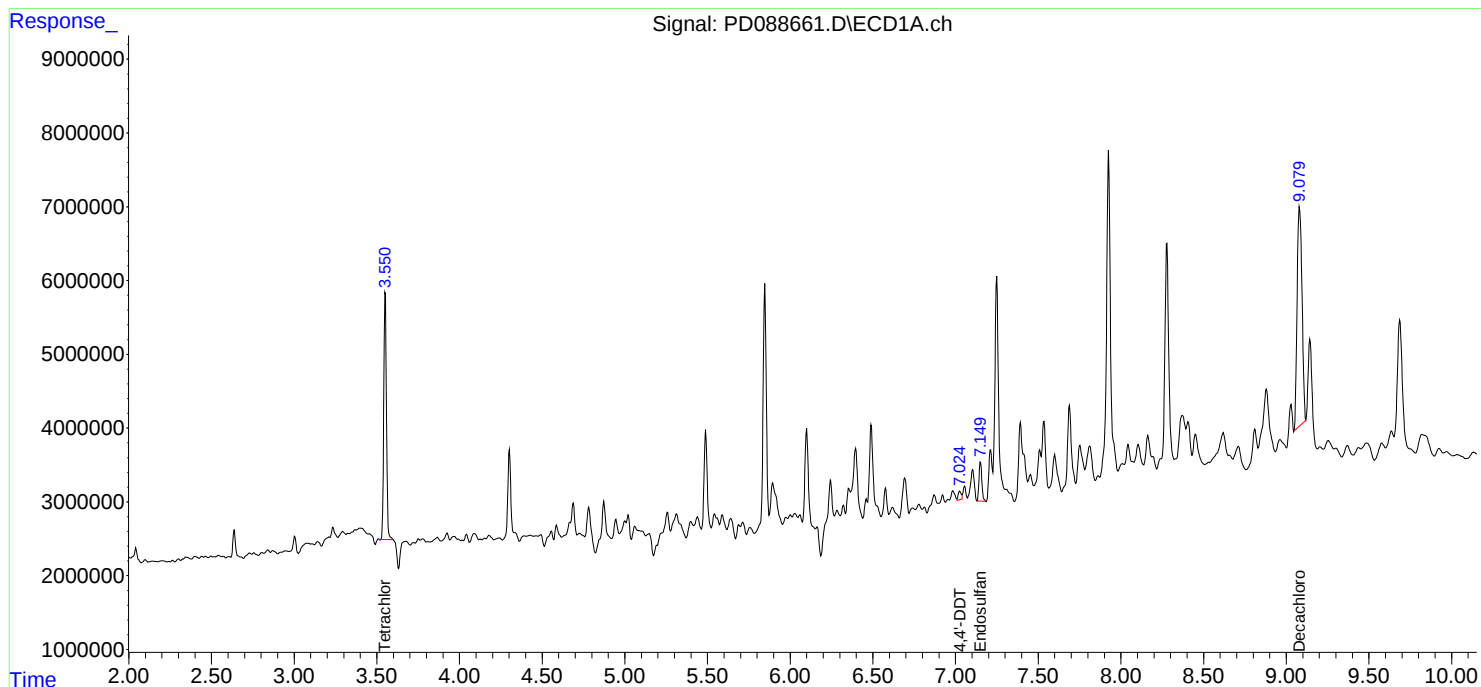
APPROVED

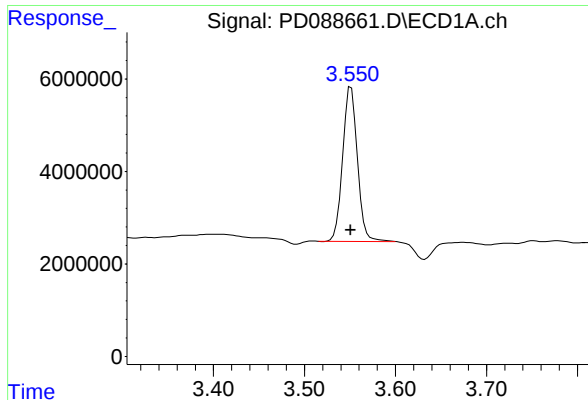
Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 09:09:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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





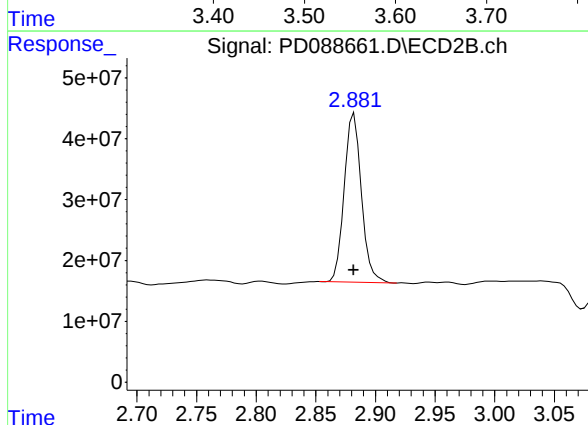
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 37566196
Conc: 17.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-12

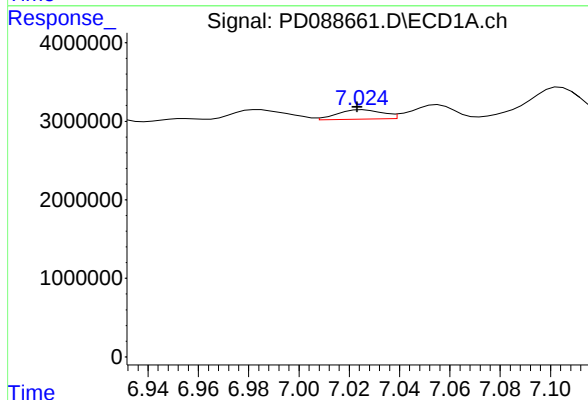
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/21/2025
Supervised By :mohammad ahmed 05/22/2025



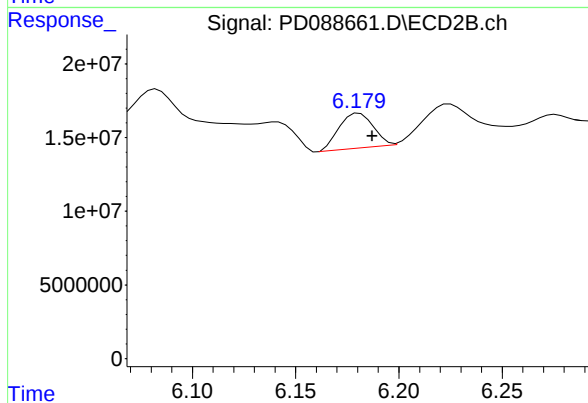
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 278840763
Conc: 18.43 ng/ml



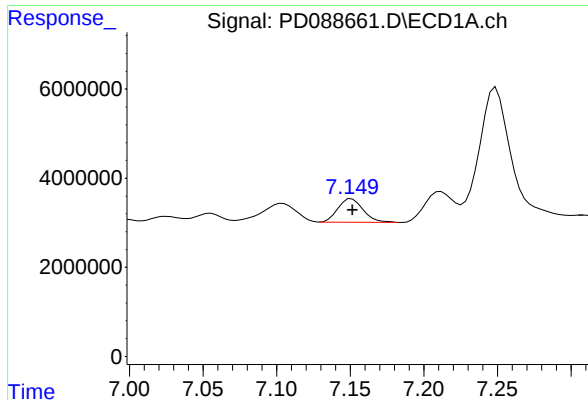
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 1451557
Conc: 0.46 ng/ml



#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 27313313
Conc: 1.51 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.002 min
Response: 6325715
Conc: 1.97 ng/ml

Instrument :

ECD_D

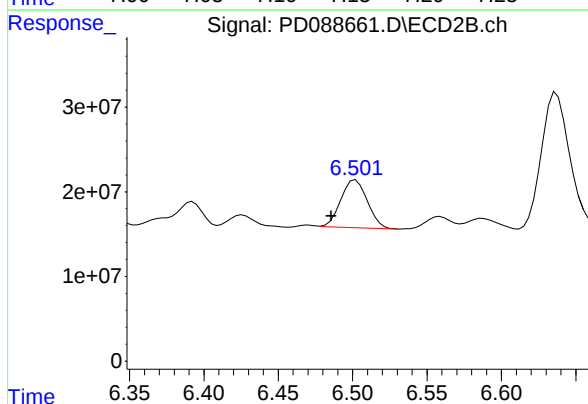
ClientSampleId :

TP-12

Manual Integrations
APPROVED

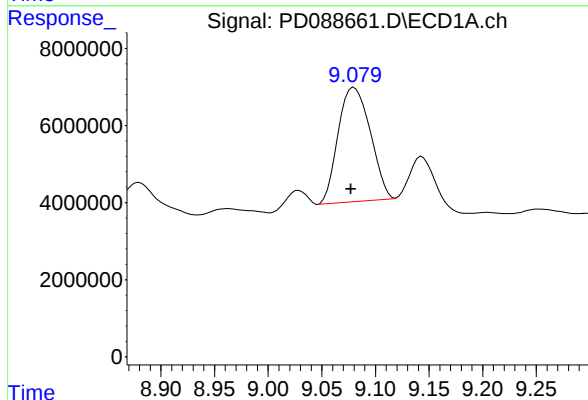
Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025



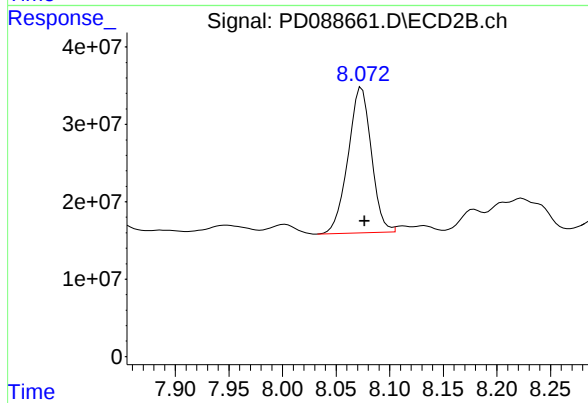
#19 Endosulfan Sulfate

R.T.: 6.501 min
Delta R.T.: 0.015 min
Response: 70120775
Conc: 3.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.003 min
Response: 61764247
Conc: 18.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 283535031
Conc: 15.53 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 17:52
 Operator : AR\AJ
 Sample : Q2074-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-7

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:35:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	44804930	330.4E6	20.707	21.841
28) SA Decachlor...	9.077	8.074	68336236	322.9E6	19.968	17.689

Target Compounds

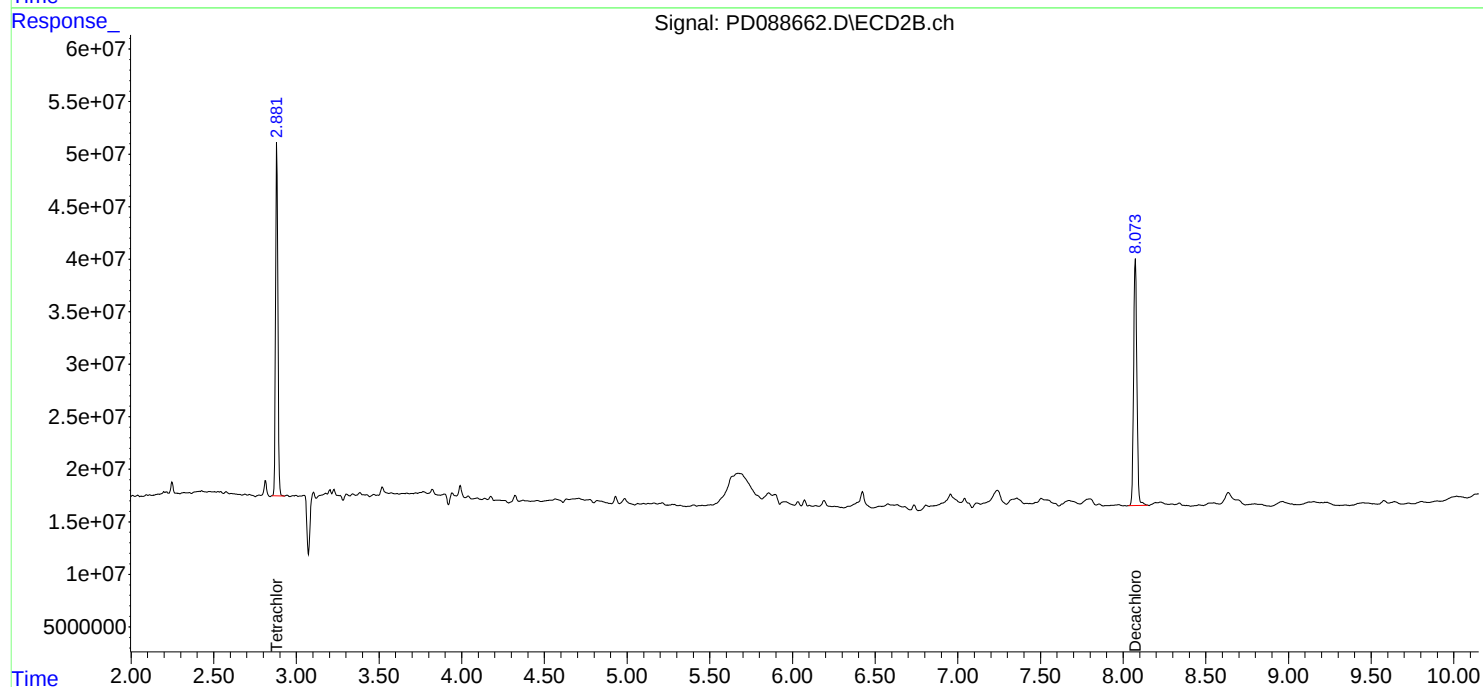
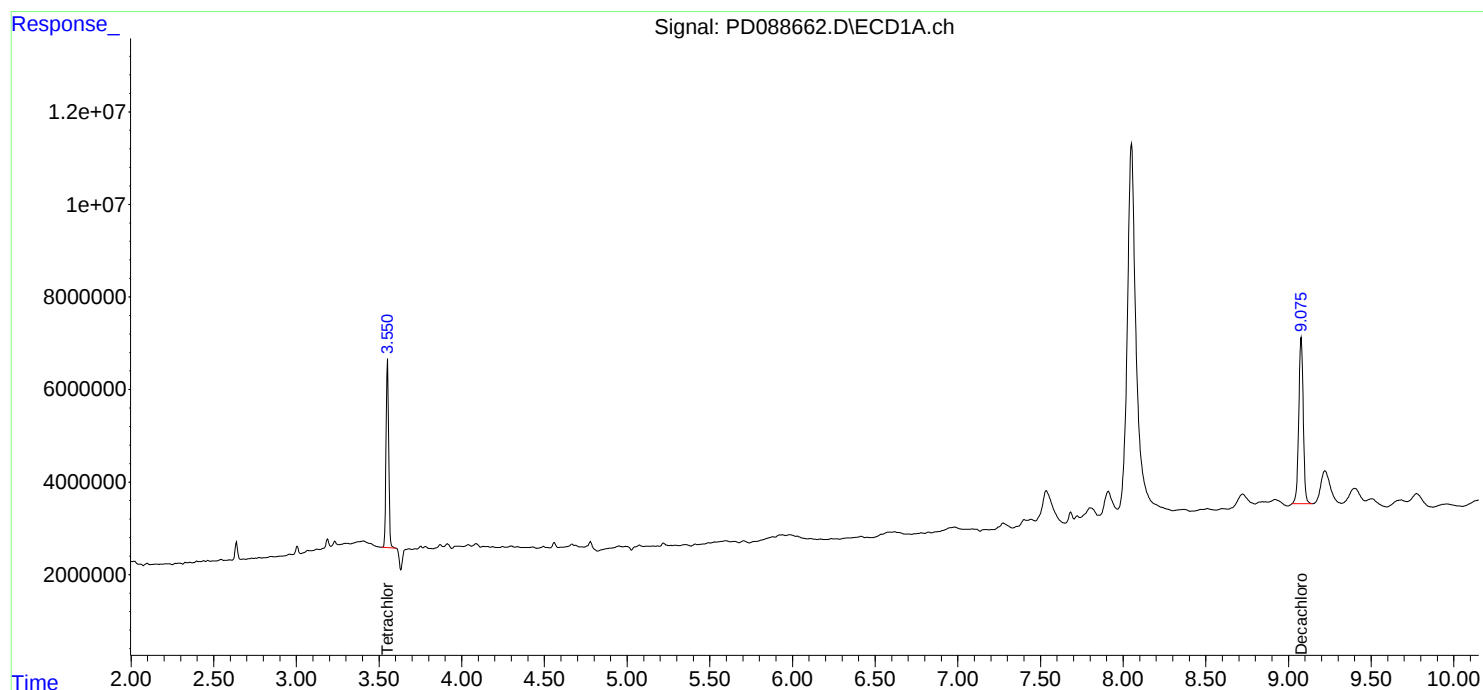
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

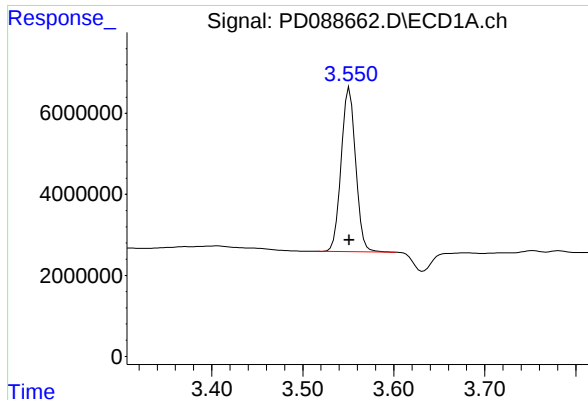
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 17:52
Operator : AR\AJ
Sample : Q2074-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:35:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

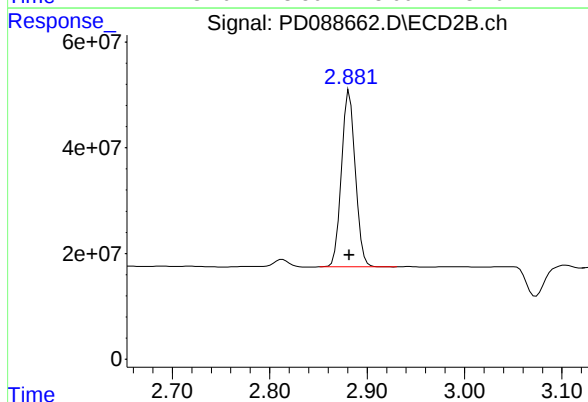




#1 Tetrachloro-m-xylene

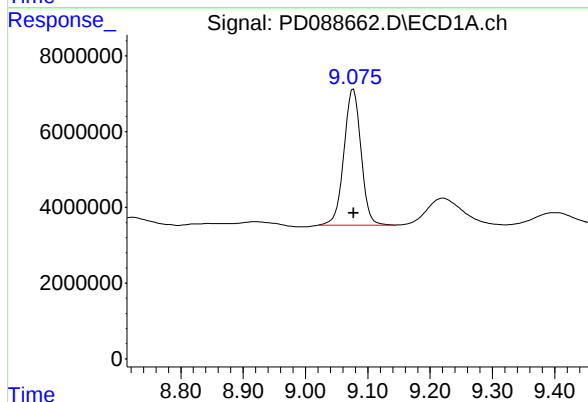
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 44804930
Conc: 20.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-7



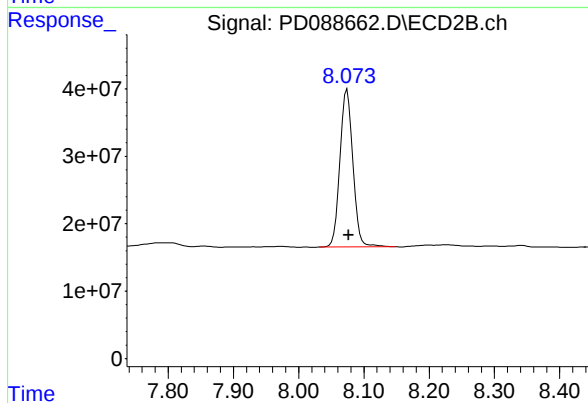
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 330391596
Conc: 21.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 68336236
Conc: 19.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 322929420
Conc: 17.69 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 18:06
 Operator : AR\AJ
 Sample : Q2074-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-15

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:35:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	2.881	38244592	280.7E6	17.675	18.558m
28) SA Decachlor...	9.076	8.073	45627503	241.5E6	13.332	13.228m
Target Compounds						
10) B gamma-Chl...	5.947	5.130	1444054	5540560	0.362	0.260 #
11) B alpha-Chl...	6.036	5.192	3714870	9479437	0.927	0.460m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088663.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 18:06
Operator : AR\AJ
Sample : Q2074-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-15

Manual Integrations

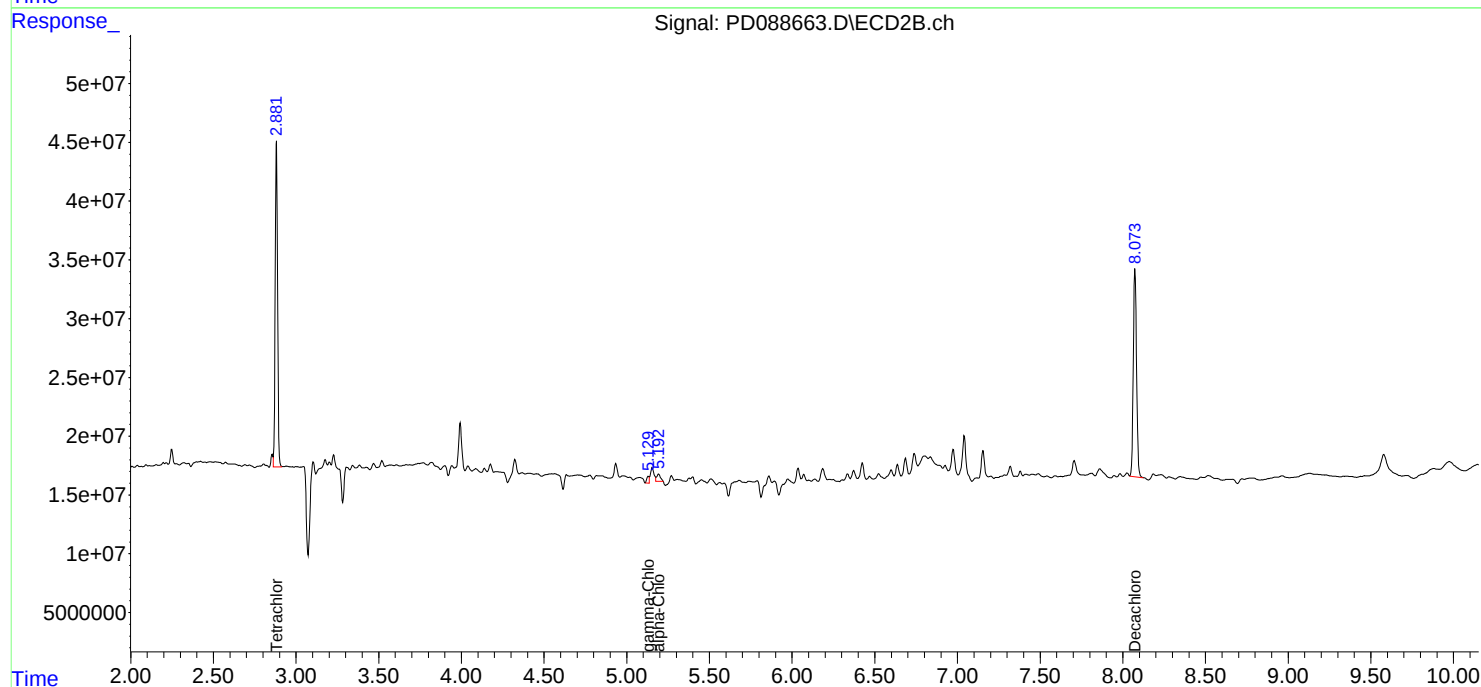
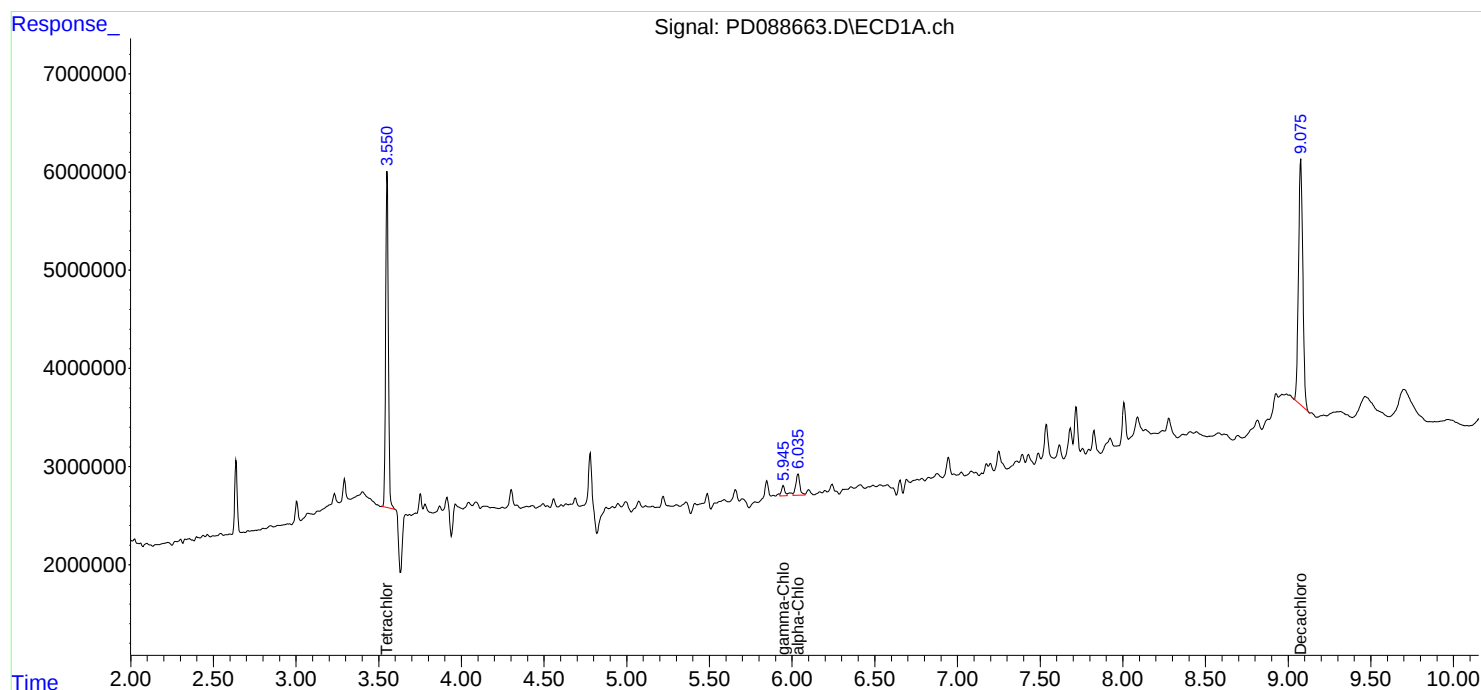
APPROVED

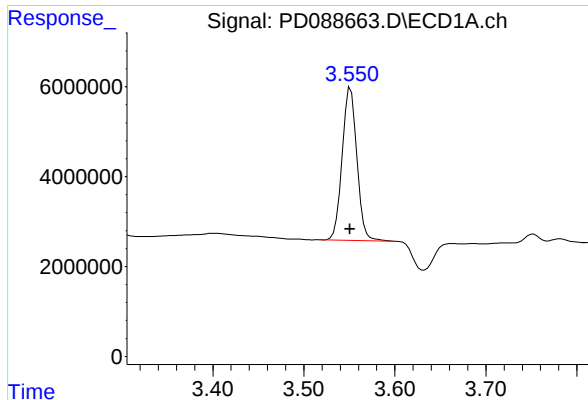
Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:35:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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: 38244592
 Conc: 17.68 ng/ml

Instrument :

ECD_D

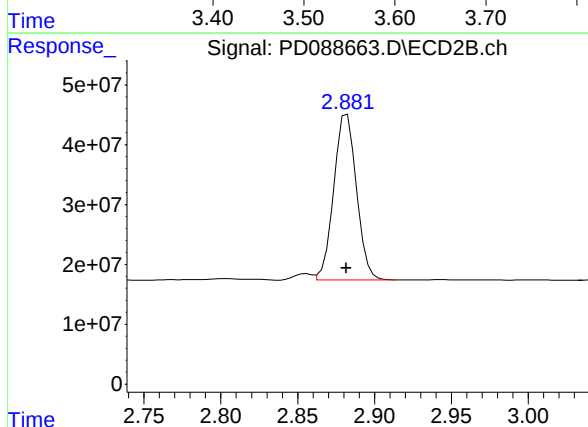
ClientSampleId :

TP-15

Manual Integrations
 APPROVED

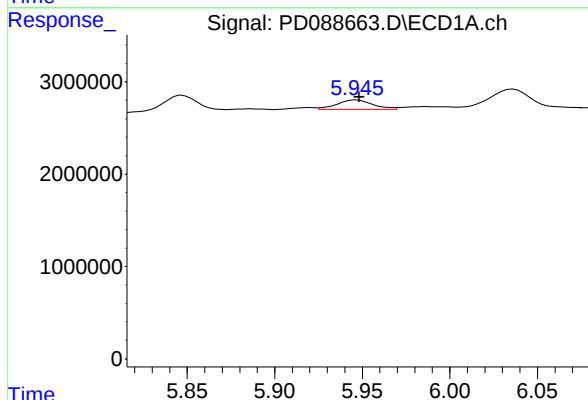
Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025



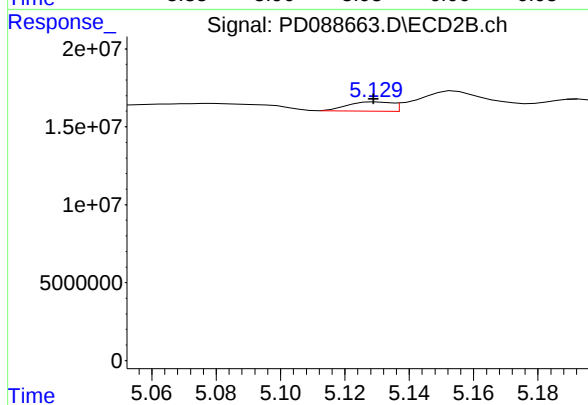
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
 Delta R.T.: 0.000 min
 Response: 280723613
 Conc: 18.56 ng/ml m



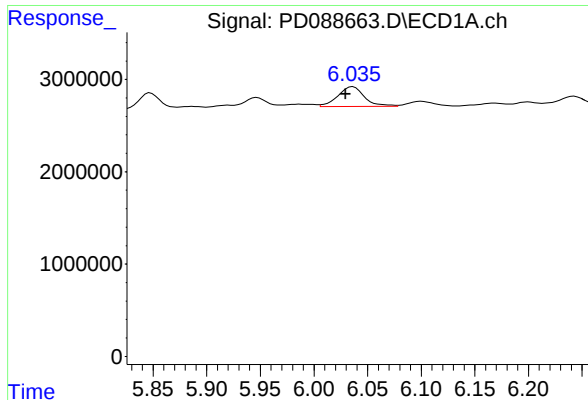
#10 gamma-Chlordane

R.T.: 5.947 min
 Delta R.T.: -0.002 min
 Response: 1444054
 Conc: 0.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.130 min
 Delta R.T.: 0.001 min
 Response: 5540560
 Conc: 0.26 ng/ml



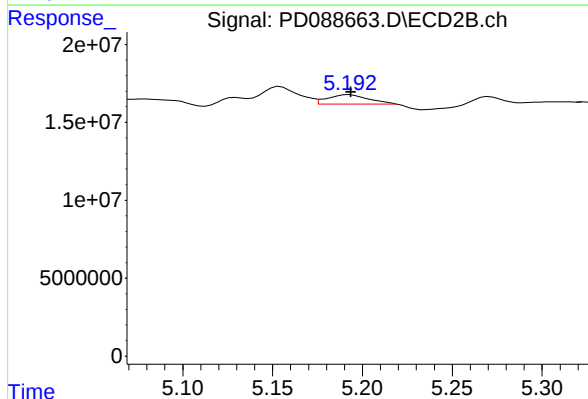
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.007 min
Response: 3714870
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-15

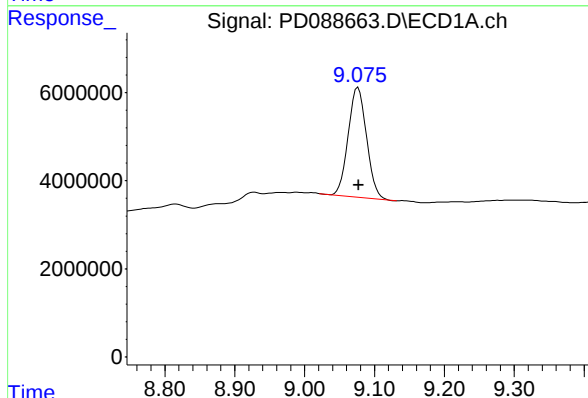
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/21/2025
Supervised By :mohammad ahmed 05/22/2025



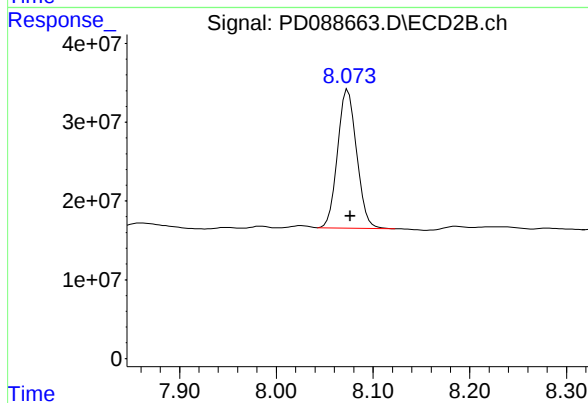
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 9479437
Conc: 0.46 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.001 min
Response: 45627503
Conc: 13.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 241493927
Conc: 13.23 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 18:19
 Operator : AR\AJ
 Sample : Q2074-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:35:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	38689032	286.9E6	17.881	18.967
28) SA Decachlor...	9.076	8.074	56699183	282.1E6	16.567	15.450

Target Compounds

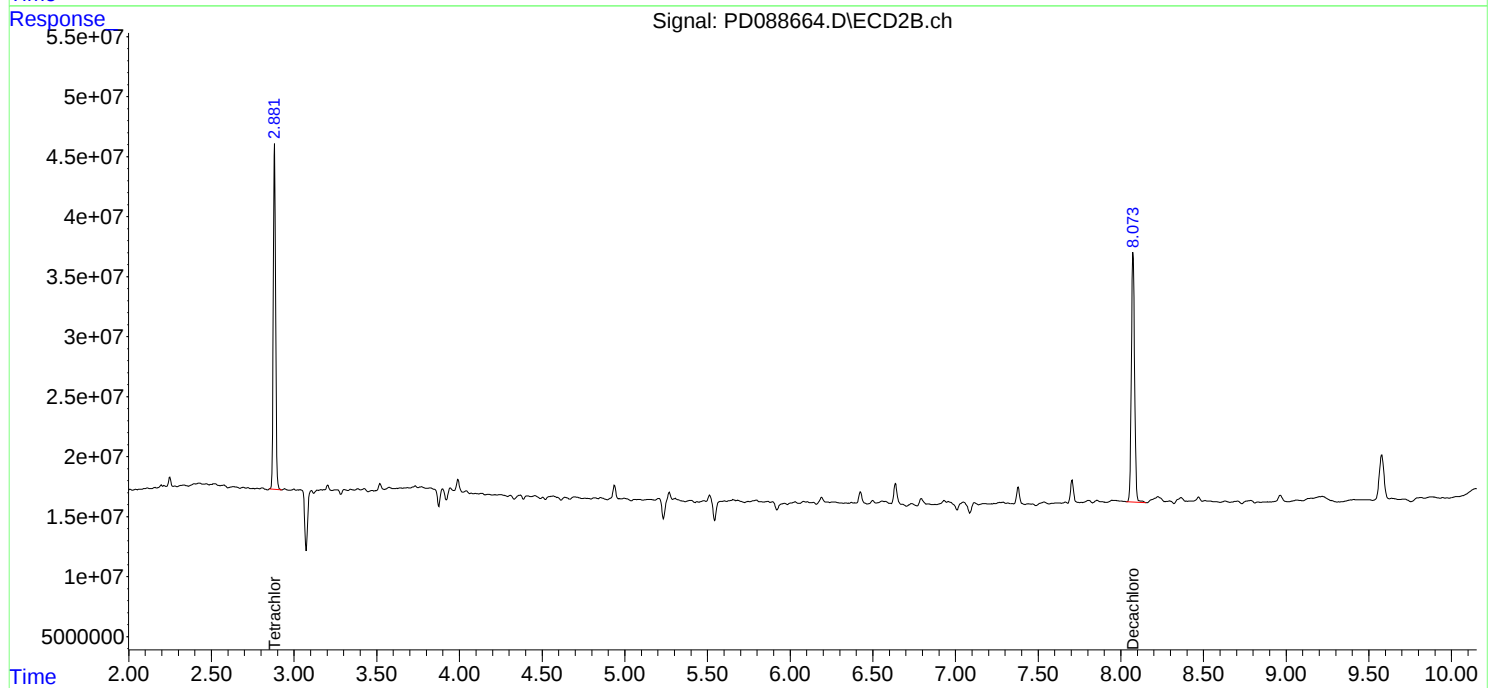
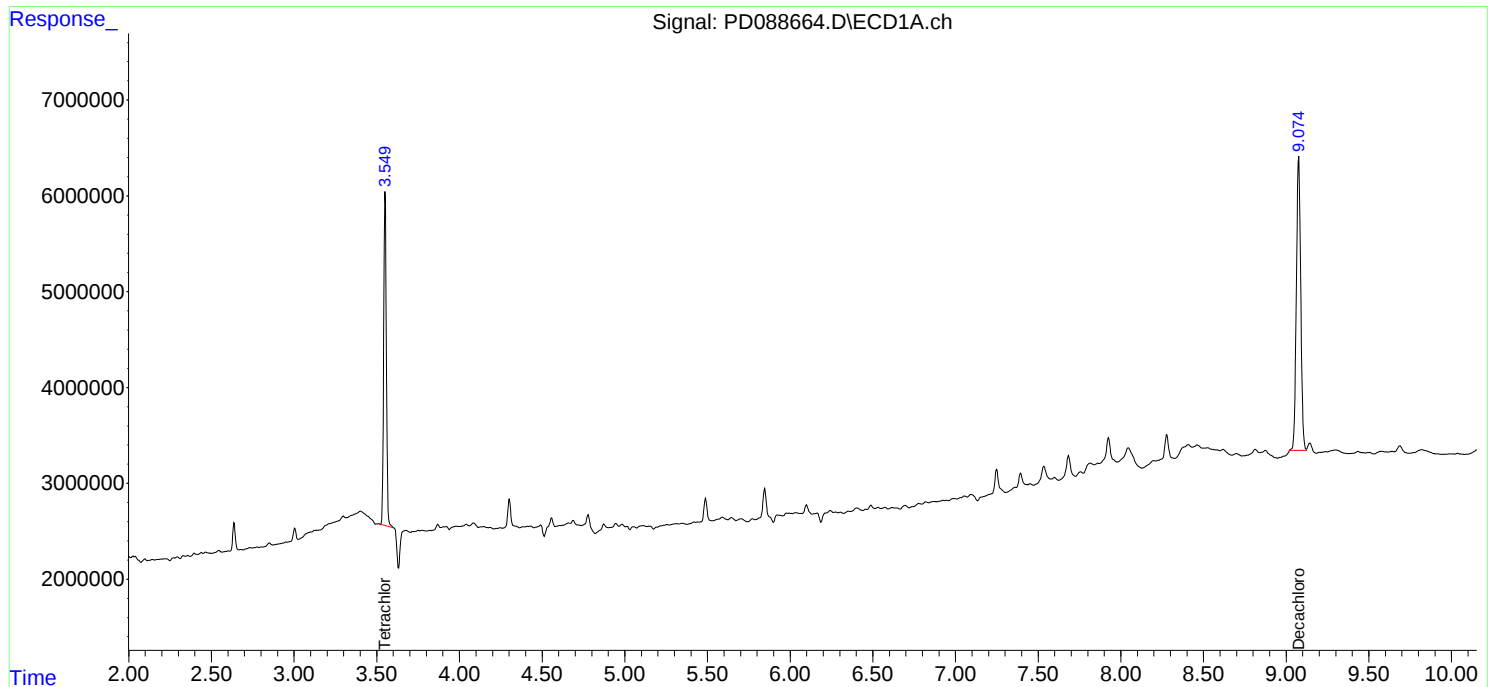
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

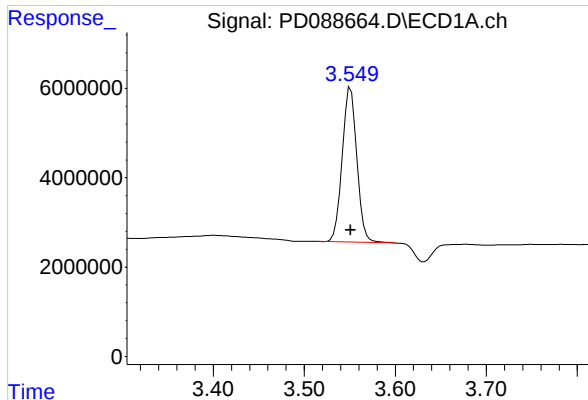
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088664.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 18:19
Operator : AR\AJ
Sample : Q2074-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-20

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:35:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

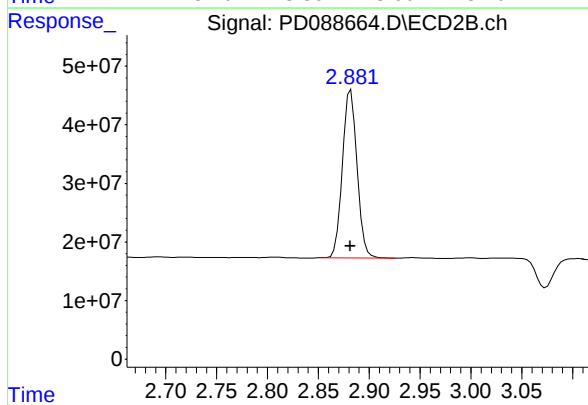




#1 Tetrachloro-m-xylene

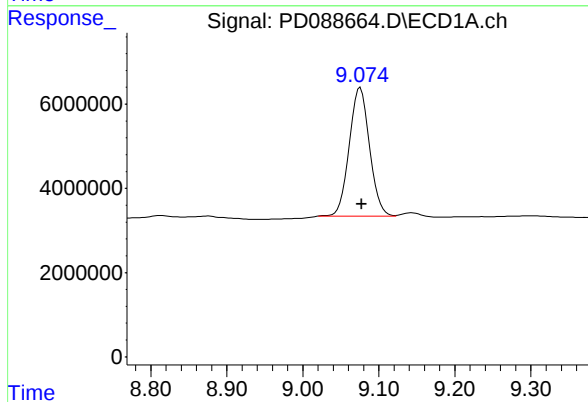
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 38689032
Conc: 17.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-20



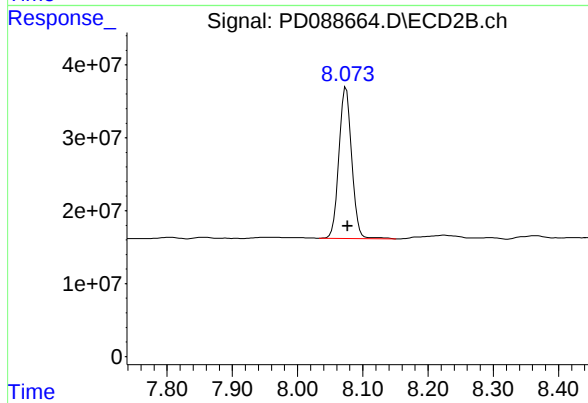
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 286917431
Conc: 18.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.002 min
Response: 56699183
Conc: 16.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 282061108
Conc: 15.45 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 19:00
 Operator : AR\AJ
 Sample : Q2074-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-38

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:36:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	36083053	265.5E6	16.676	17.550
28) SA Decachlor...	9.076	8.075	48151897	243.4E6	14.070	13.332

Target Compounds

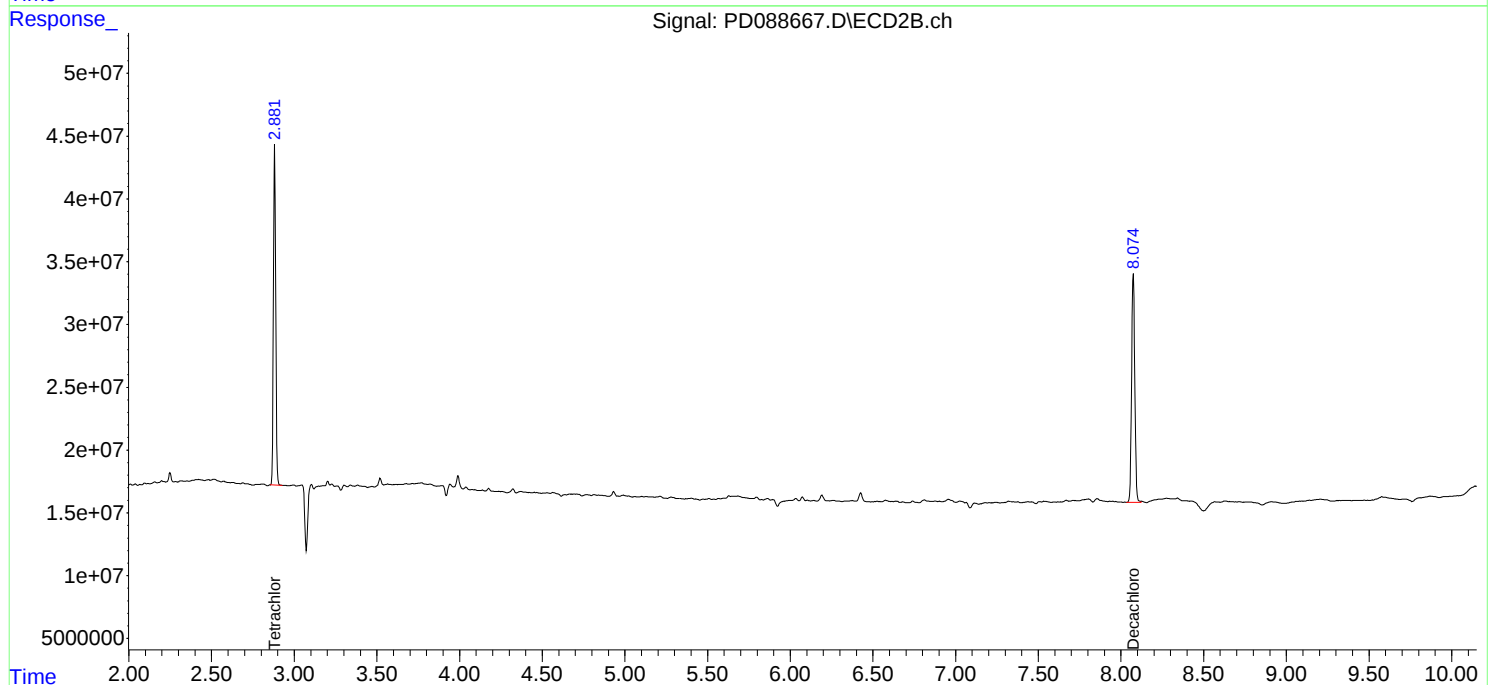
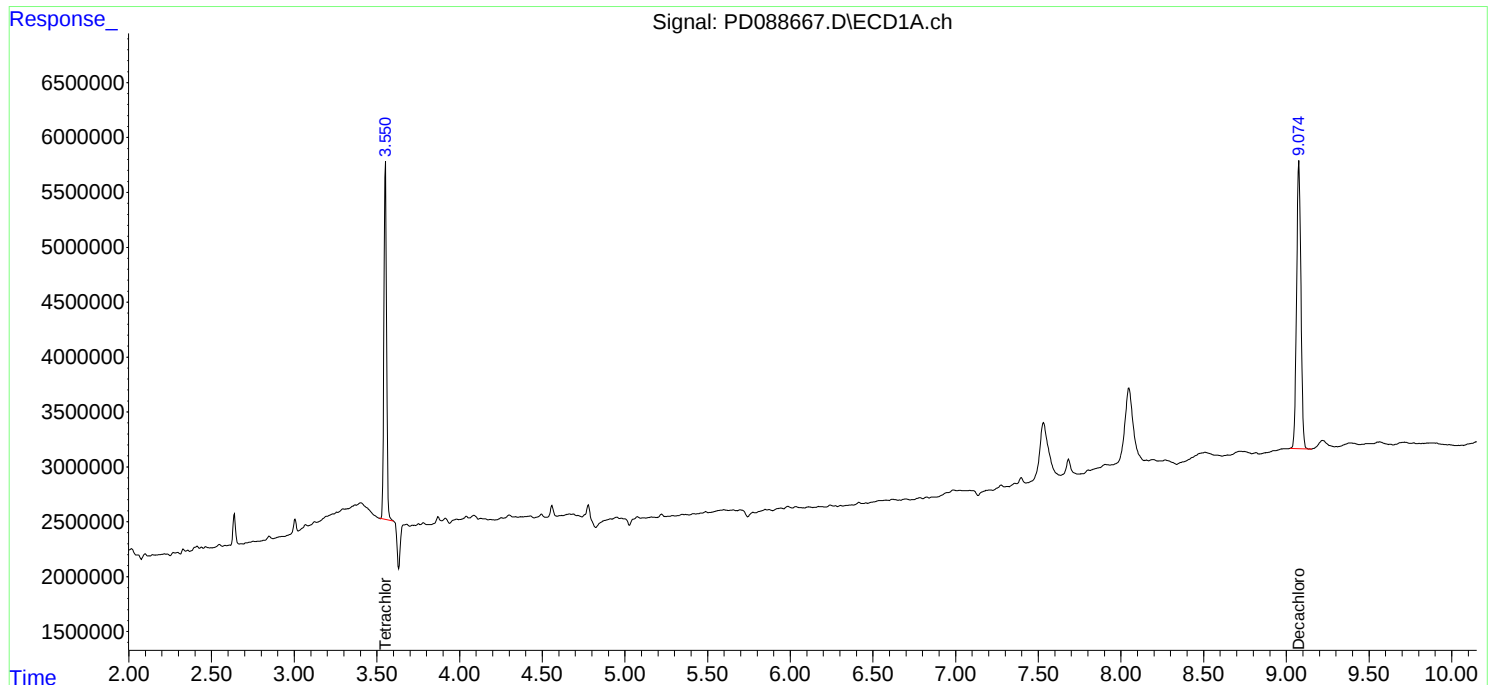
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

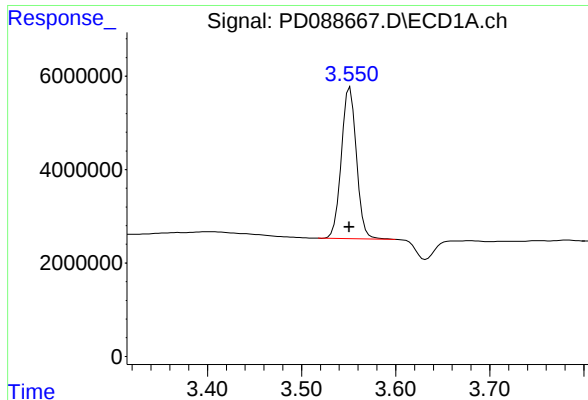
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 19:00
Operator : AR\AJ
Sample : Q2074-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-38

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:36:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

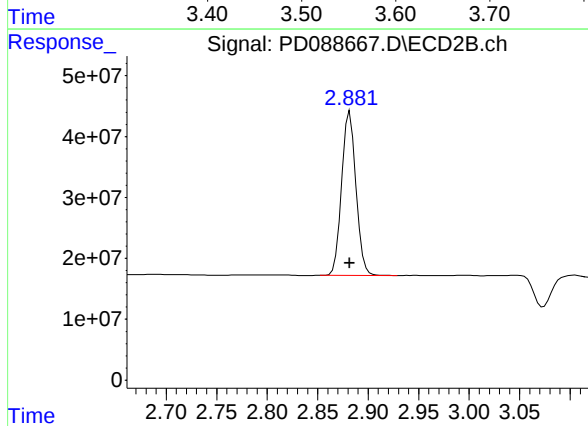




#1 Tetrachloro-m-xylene

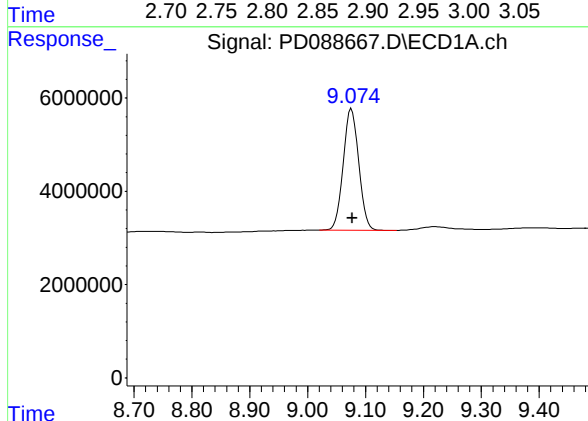
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 36083053
Conc: 16.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-38



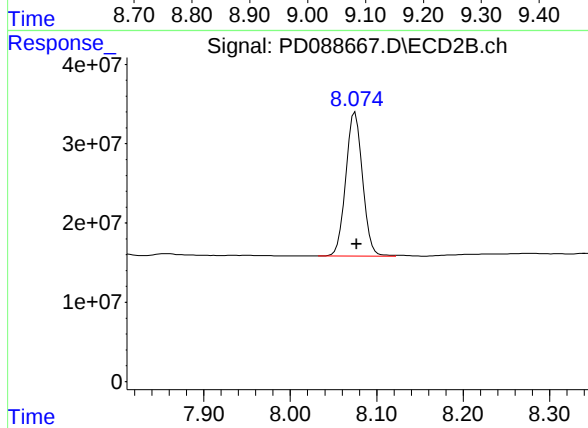
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 265475169
Conc: 17.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.002 min
Response: 48151897
Conc: 14.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 243401390
Conc: 13.33 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 19:14
 Operator : AR\AJ
 Sample : Q2074-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-19

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:36:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	2.882	38152107	279.8E6	17.632	18.495
28) SA Decachlor...	9.076	8.074	53606786	266.1E6	15.664	14.576

Target Compounds

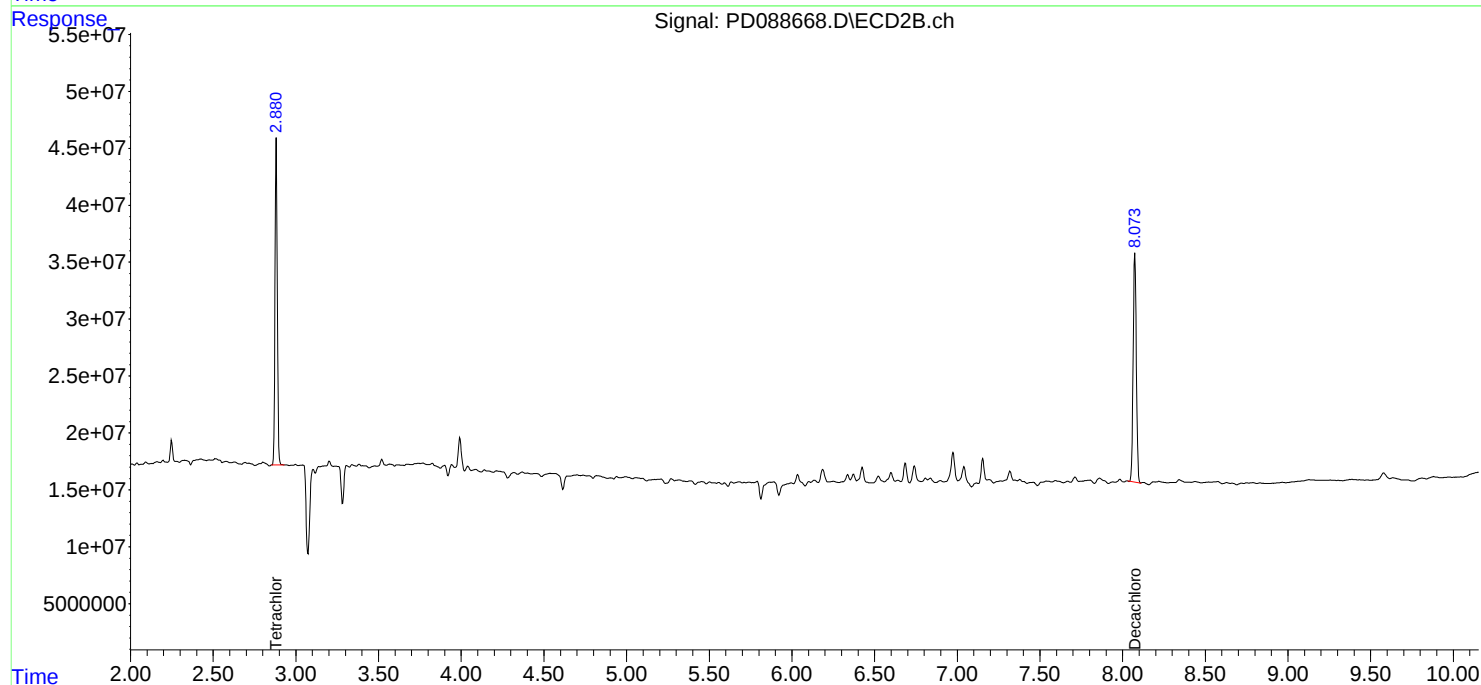
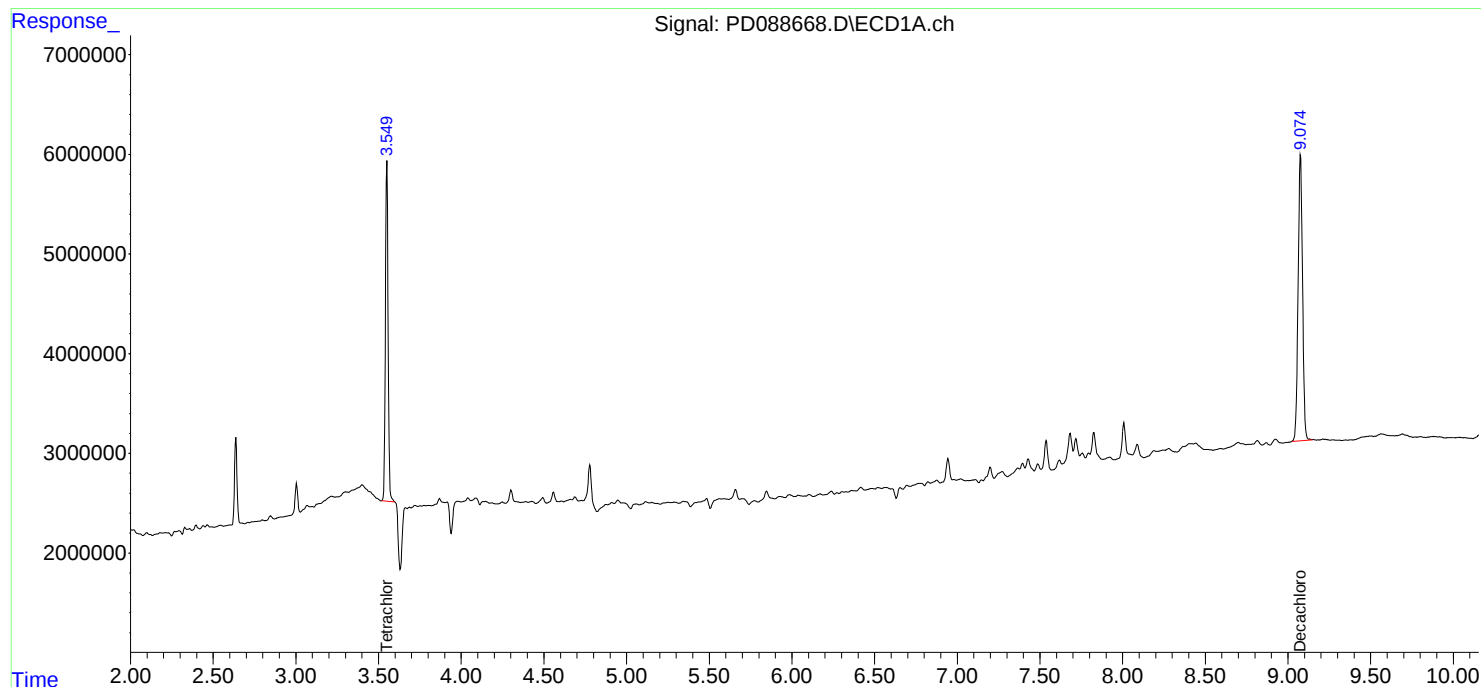
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

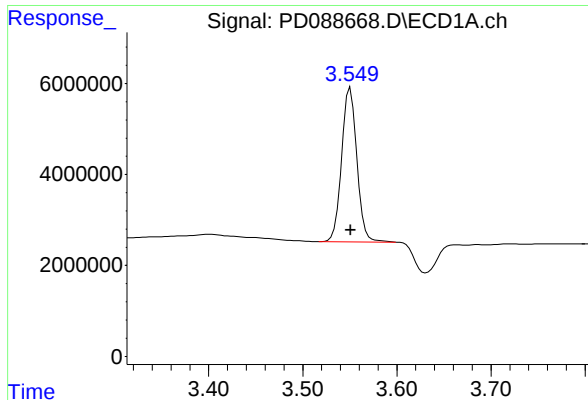
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088668.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 19:14
Operator : AR\AJ
Sample : Q2074-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-19

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:36:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

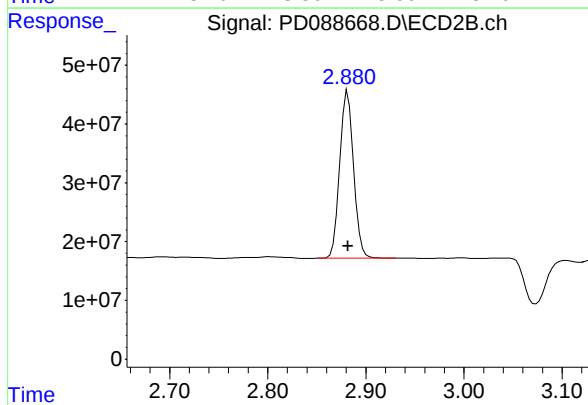




#1 Tetrachloro-m-xylene

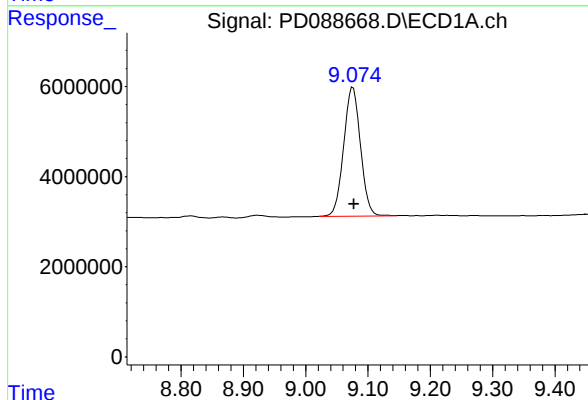
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 38152107
Conc: 17.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-19



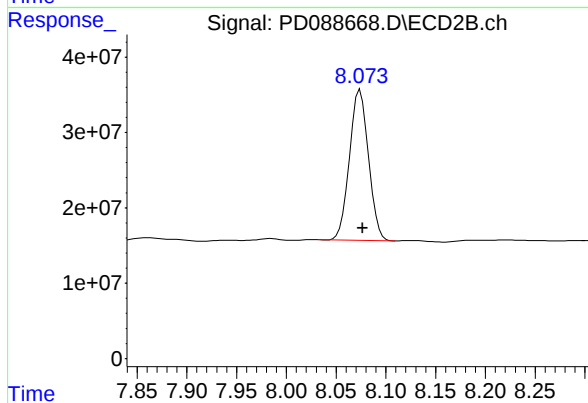
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 279768738
Conc: 18.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.002 min
Response: 53606786
Conc: 15.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 266099433
Conc: 14.58 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088669.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 19:28
 Operator : AR\AJ
 Sample : Q2074-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-40

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/21/2025
 Supervised By : mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:36:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	40033802	291.0E6	18.502	19.237
28) SA Decachlor...	9.076	8.074	52964760	279.2E6	15.476m	15.293

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 19:28
Operator : AR\AJ
Sample : Q2074-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-40

Manual Integrations

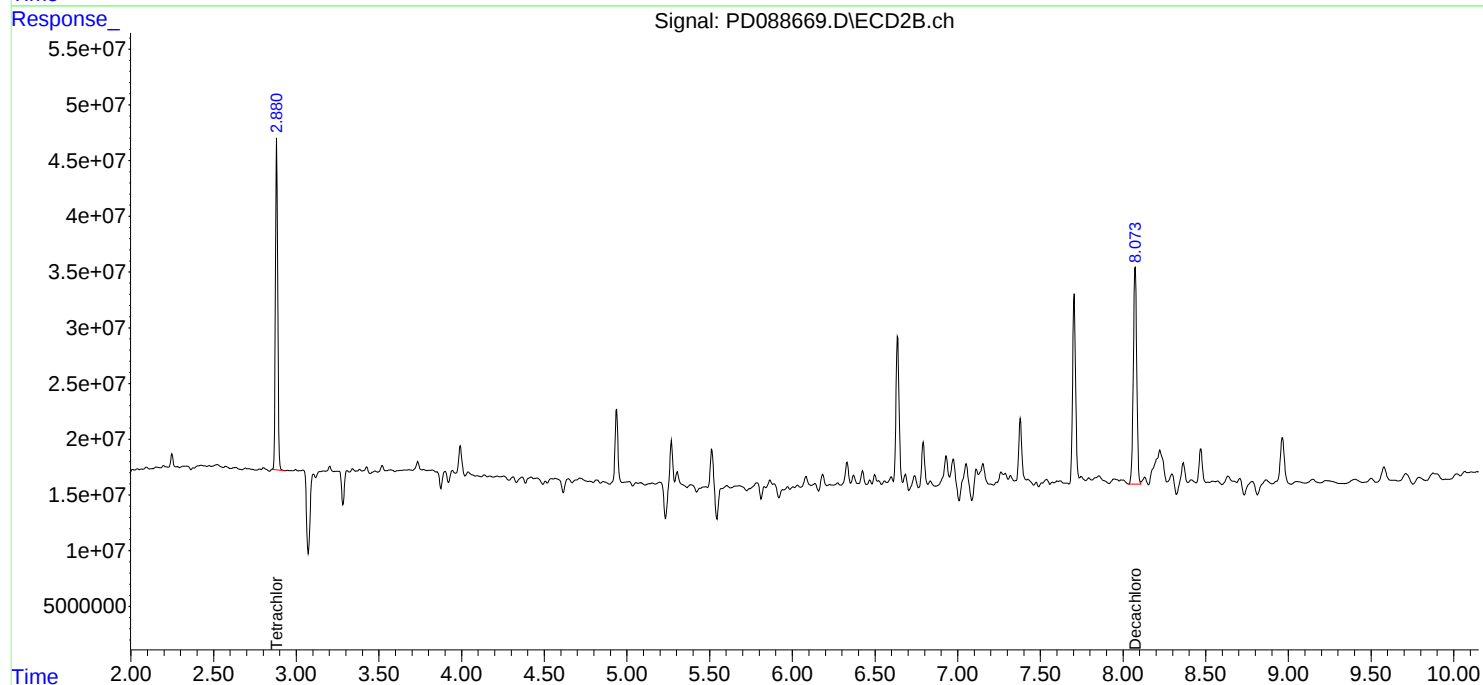
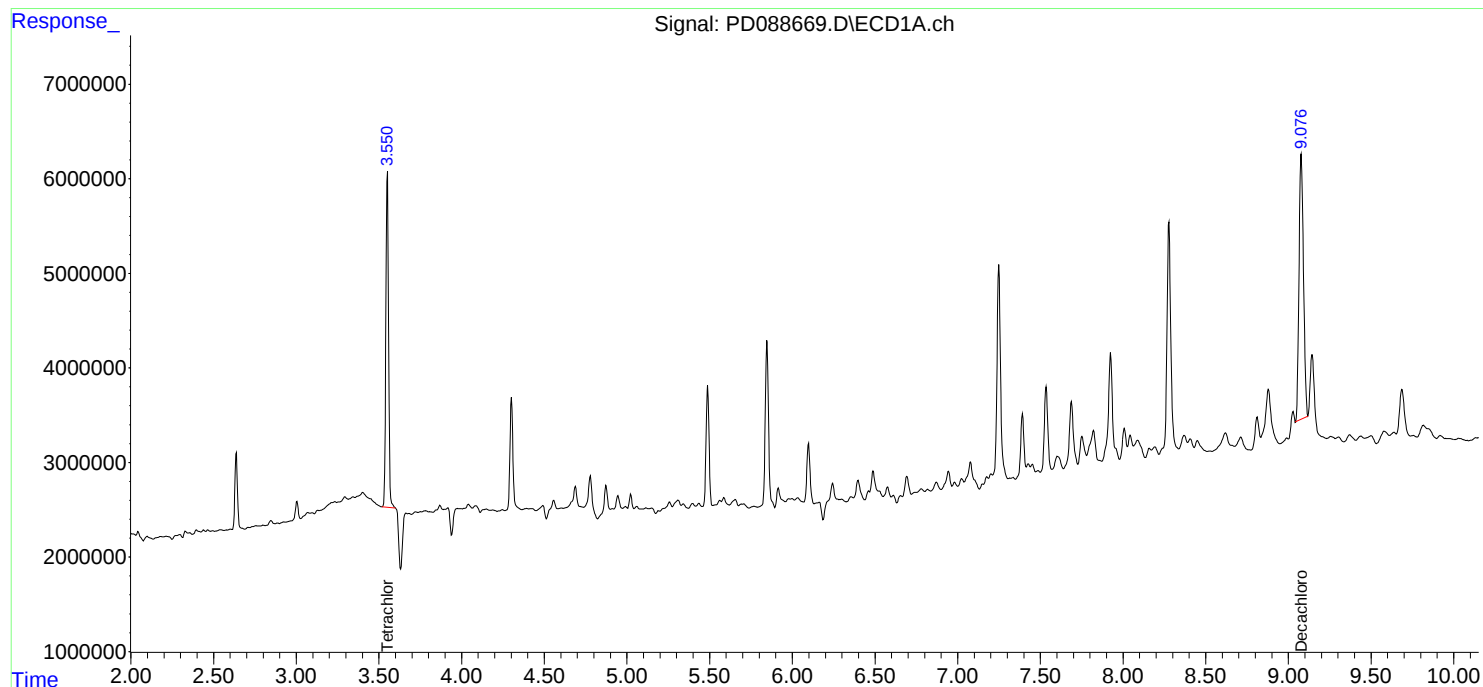
APPROVED

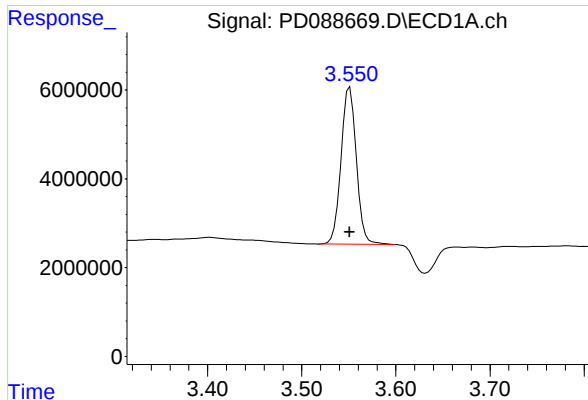
Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:36:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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: 40033802
Conc: 18.50 ng/ml

Instrument :

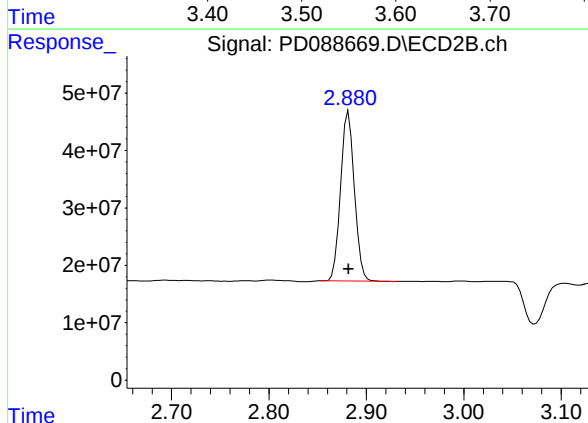
ECD_D

ClientSampleId :

TP-40

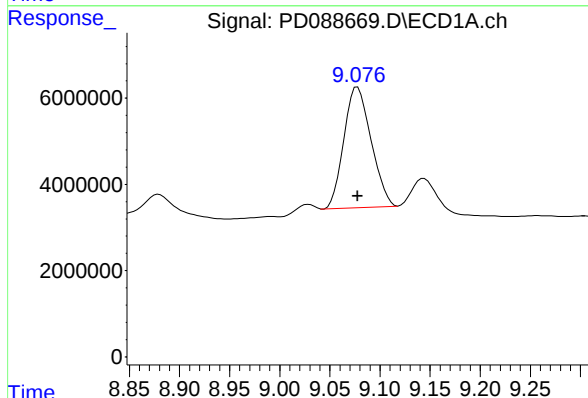
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/21/2025
Supervised By :mohammad ahmed 05/22/2025



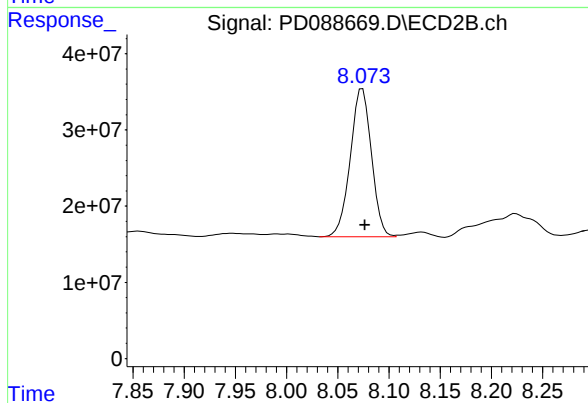
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 290989344
Conc: 19.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.001 min
Response: 52964760
Conc: 15.48 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 279199668
Conc: 15.29 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 19:41
Operator : AR\AJ
Sample : Q2074-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-18

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 21 03:36:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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	37619814	276.6E6	17.386	18.287
28) SA Decachlor...	9.075	8.074	50539575	256.5E6	14.768	14.051

Target Compounds

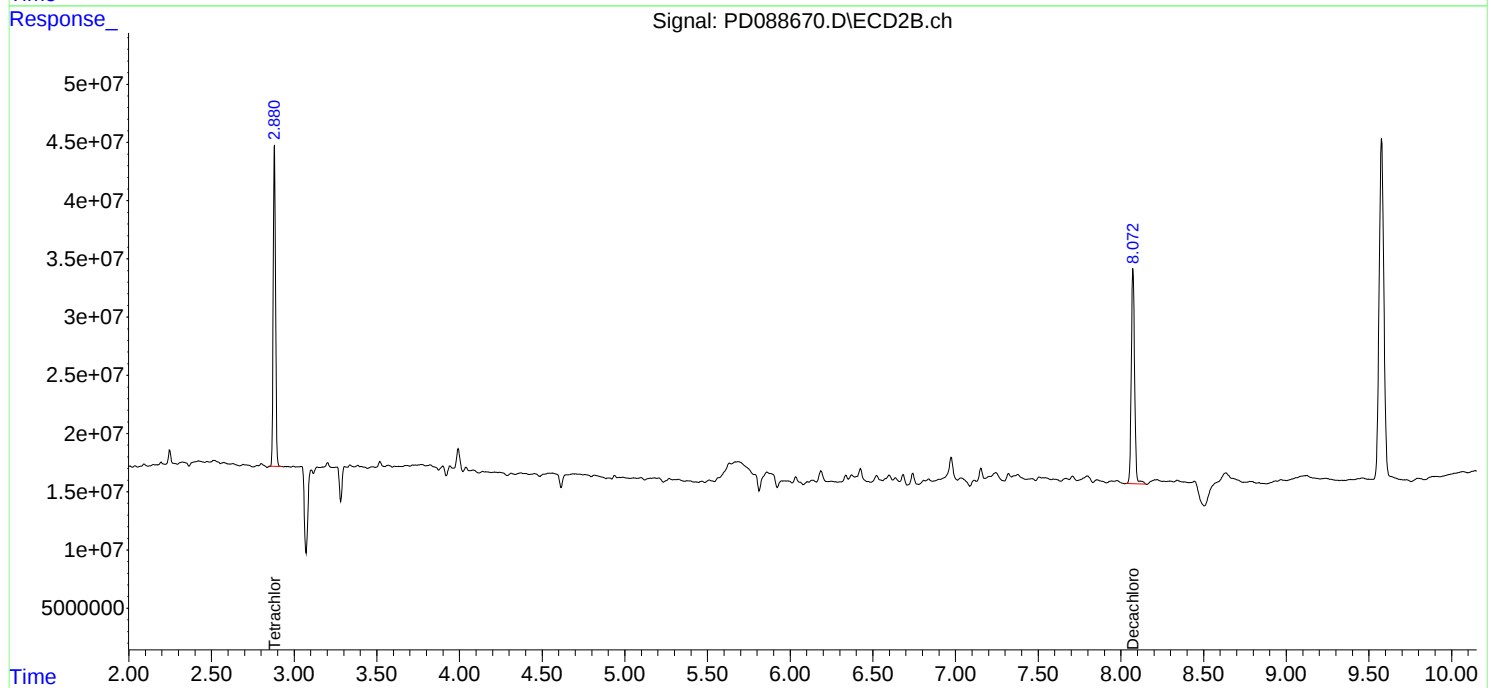
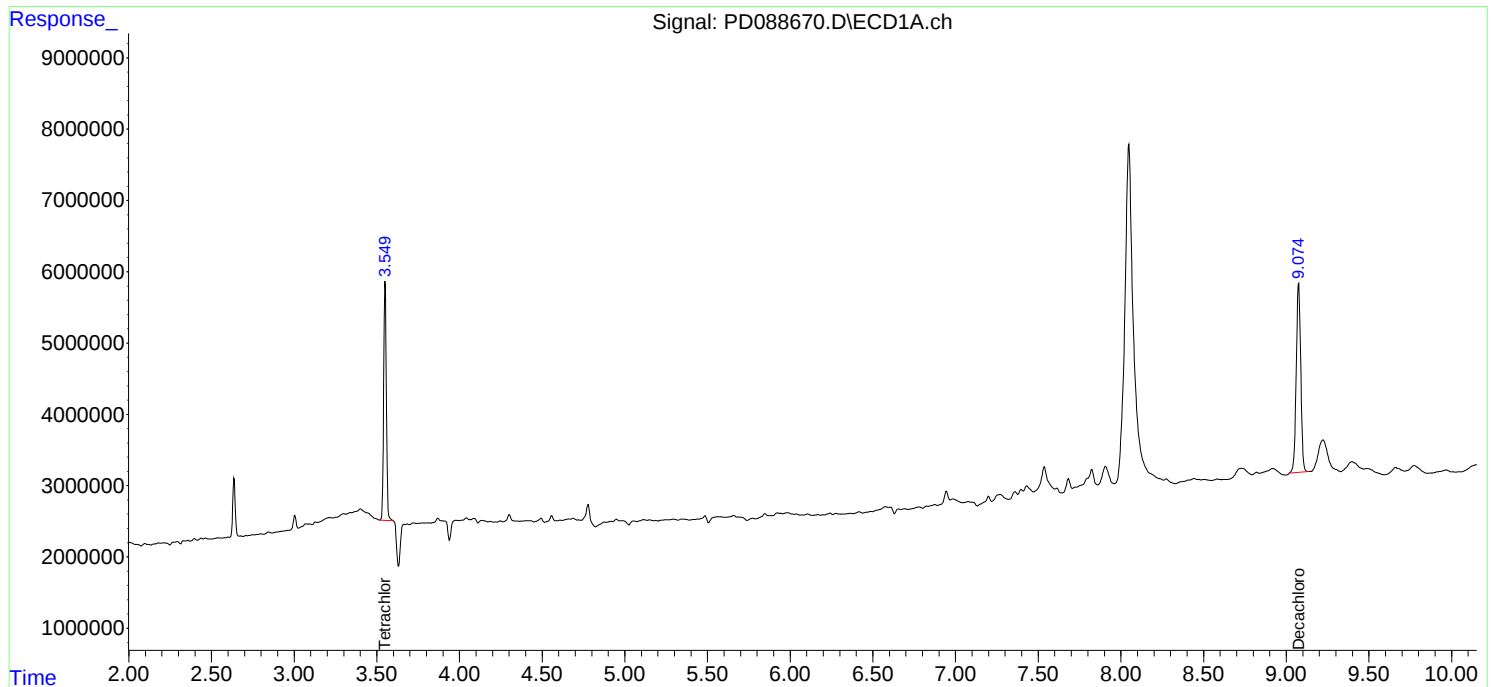
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

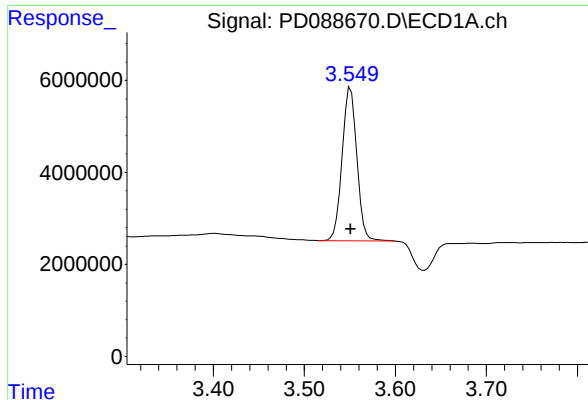
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 19:41
Operator : AR\AJ
Sample : Q2074-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TP-18

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:36:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

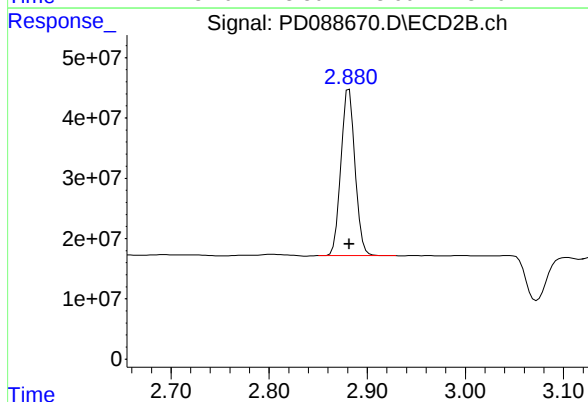




#1 Tetrachloro-m-xylene

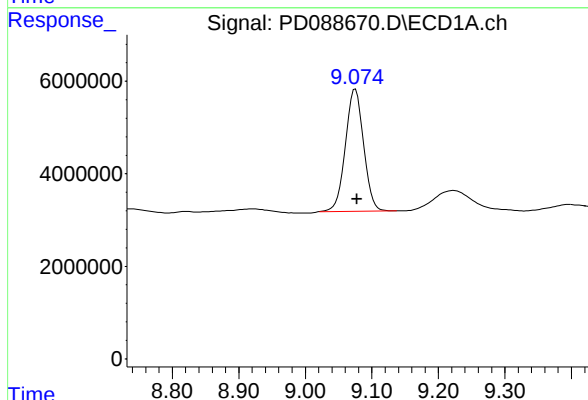
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 37619814
Conc: 17.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-18



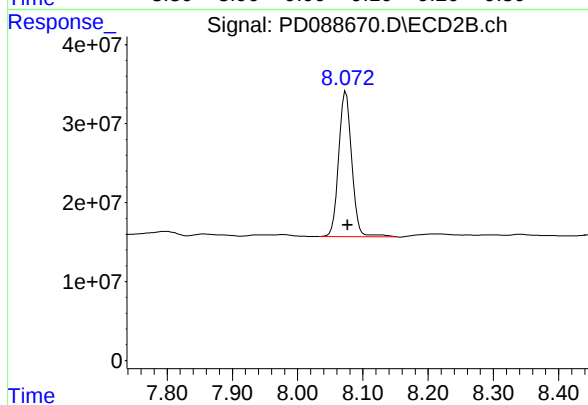
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 276622219
Conc: 18.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: -0.002 min
Response: 50539575
Conc: 14.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 256524548
Conc: 14.05 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088659.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 17:11
Operator : AR\AJ
Sample : PB168075BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB168075BL

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 21 03:34:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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	37767738	288.2E6	17.455	19.052
28) SA Decachlor...	9.076	8.074	63905652	316.9E6	18.673	17.357

Target Compounds

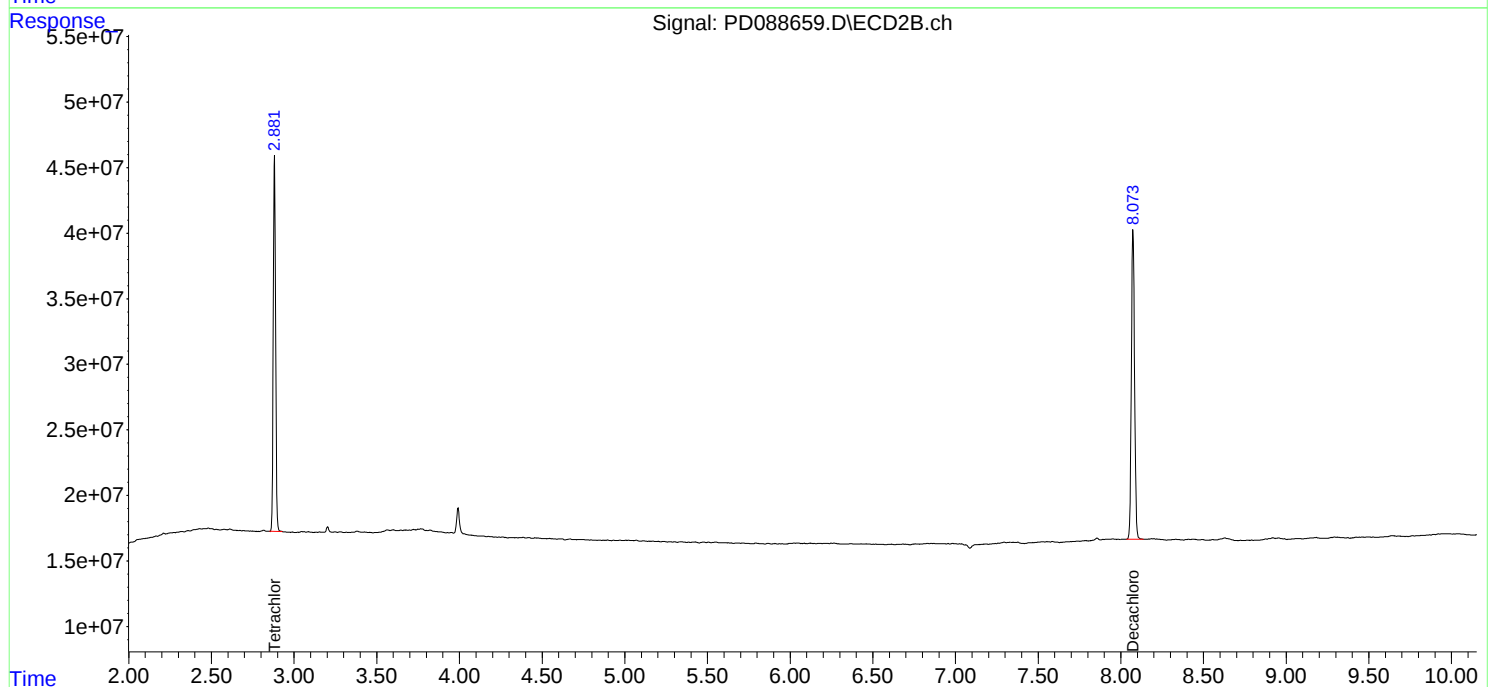
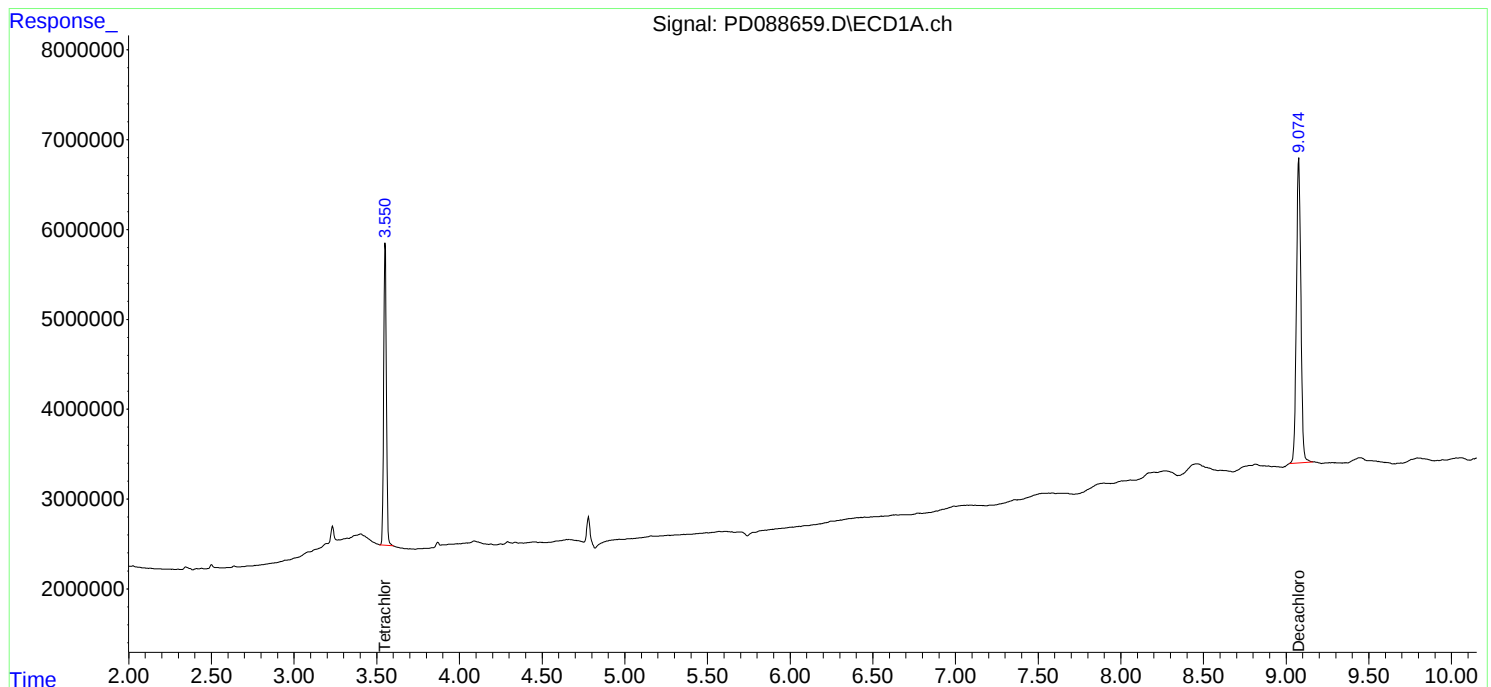
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

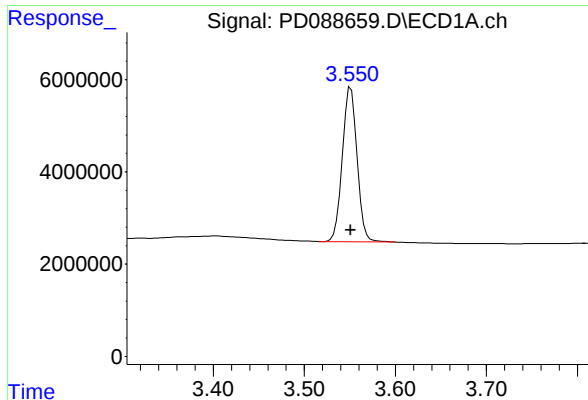
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088659.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 17:11
Operator : AR\AJ
Sample : PB168075BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB168075BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:34:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

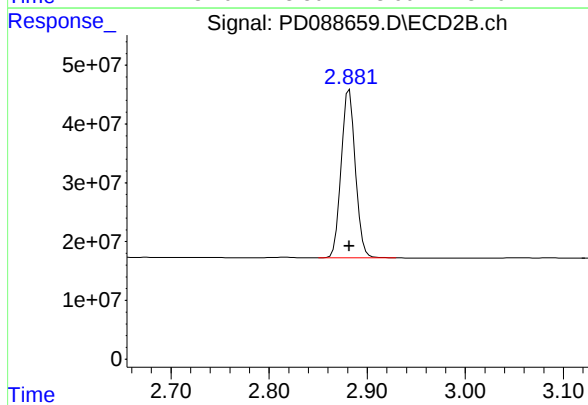




#1 Tetrachloro-m-xylene

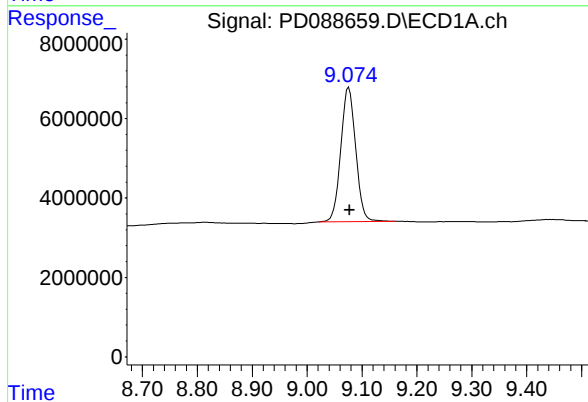
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 37767738
Conc: 17.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BL



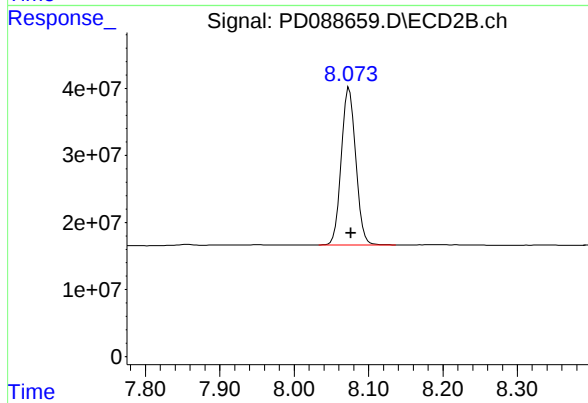
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 288200838
Conc: 19.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.002 min
Response: 63905652
Conc: 18.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 316877504
Conc: 17.36 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 17:25
 Operator : AR\AJ
 Sample : PB168075BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB168075BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:35:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	50776425	380.9E6	23.467	25.183
28)	SA Decachlor...	9.076	8.075	84352016	433.6E6	24.648	23.753
Target Compounds							
2)	A alpha-BHC	4.000	3.394	267.9E6	1330.0E6	56.082	55.639
3)	MA gamma-BHC...	4.331	3.731	258.7E6	1233.5E6	56.212	55.650
4)	MA Heptachlor	4.931	4.085	247.2E6	1187.2E6	55.288	52.872
5)	MB Aldrin	5.273	4.370	249.8E6	1236.1E6	56.838	56.364
6)	B beta-BHC	4.516	4.027	98239932	536.3E6	54.482	55.046
7)	B delta-BHC	4.765	4.264	239.4E6	1174.2E6	56.647	52.671
8)	B Heptachlo...	5.692	4.875	223.8E6	1095.4E6	56.374	55.124
9)	A Endosulfan I	6.076	5.249	211.4E6	1000.0E6	56.171	52.689
10)	B gamma-Chl...	5.947	5.128	225.3E6	1181.7E6	56.487	55.396
11)	B alpha-Chl...	6.029	5.192	224.9E6	1129.5E6	56.131	54.765
12)	B 4,4'-DDE	6.198	5.376	202.2E6	1142.2E6	56.337	54.642m
13)	MA Dieldrin	6.349	5.515	226.5E6	1155.3E6	56.450	54.898
14)	MA Endrin	6.576	5.791	189.2E6	1045.1E6	55.406	54.195
15)	B Endosulfa...	6.788	6.082	189.9E6	988.8E6	55.160	53.967
16)	A 4,4'-DDD	6.707	5.931	168.0E6	1000.5E6	60.316	57.528
17)	MA 4,4'-DDT	7.023	6.185	140.9E6	839.0E6	45.145	46.259
18)	B Endrin al...	6.917	6.260	135.7E6	718.4E6	52.690	51.576
19)	B Endosulfa...	7.151	6.484	172.6E6	923.4E6	53.886	52.004
20)	A Methoxychlor	7.495	6.756	77614338	447.9E6	46.460	46.780
21)	B Endrin ke...	7.632	6.993	190.7E6	1028.4E6	55.701	53.155
22)	Mirex	8.116	7.187	136.2E6	771.4E6	52.438	50.741

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088660.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 17:25
Operator : AR\AJ
Sample : PB168075BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB168075BS

Manual Integrations

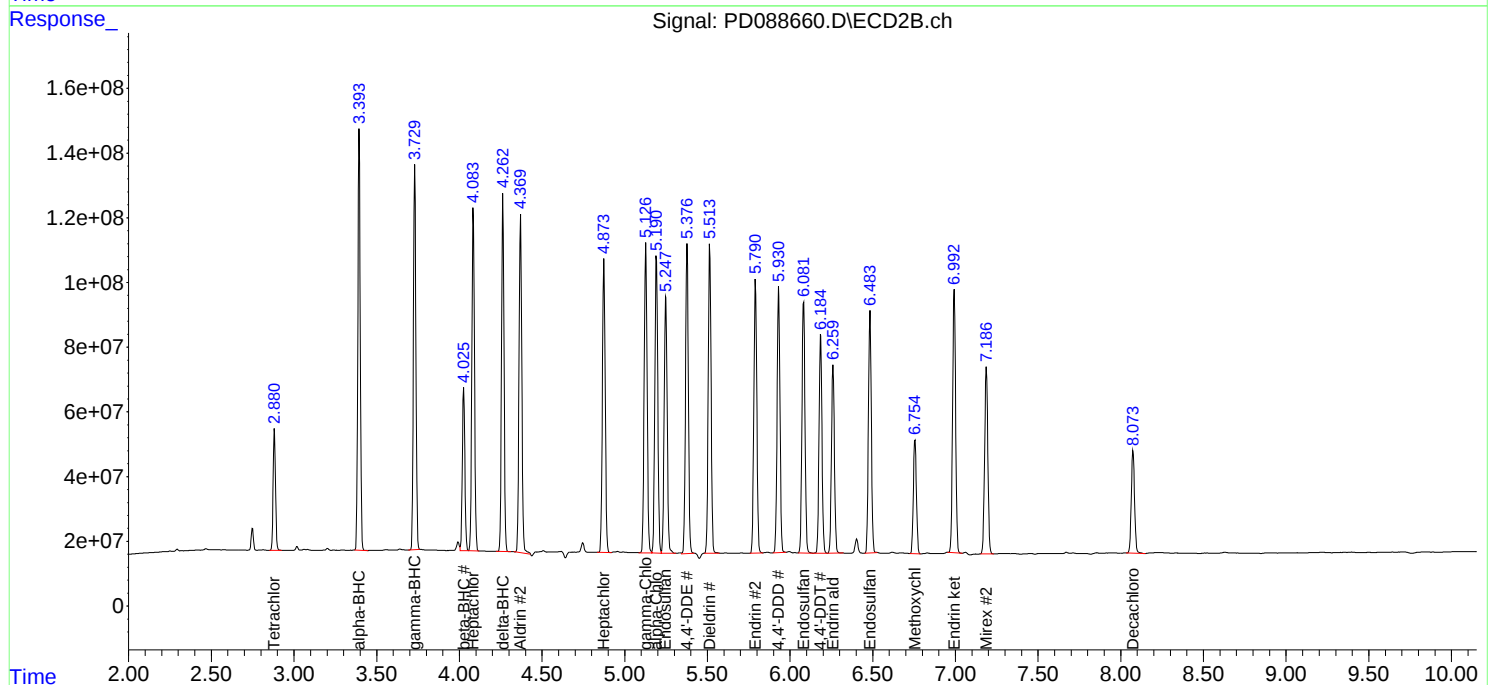
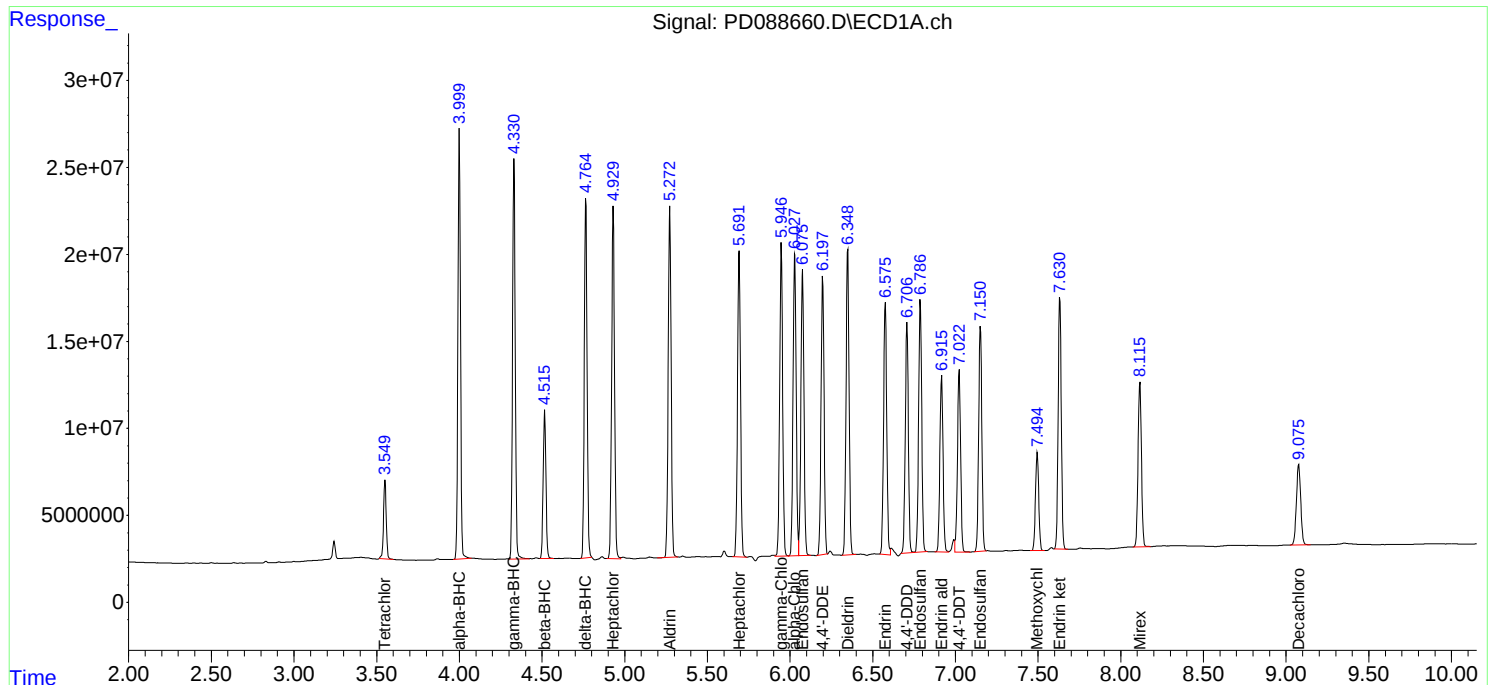
APPROVED

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:35:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088665.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 18:33
 Operator : AR\AJ
 Sample : Q2074-04MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-20MS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:36:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	38454386	297.3E6	17.772	19.652
28)	SA Decachlor...	9.076	8.075	59283932	304.4E6	17.323	16.672
Target Compounds							
2)	A alpha-BHC	4.000	3.394	217.3E6	1099.4E6	45.496	45.994
3)	MA gamma-BHC...	4.332	3.731	211.6E6	1000.4E6	45.970	45.131
4)	MA Heptachlor	4.931	4.084	197.2E6	983.1E6	44.102	43.780
5)	MB Aldrin	5.273	4.371	200.0E6	990.6E6	45.521	45.173
6)	B beta-BHC	4.517	4.027	75241909	452.4E6	41.728	46.443
7)	B delta-BHC	4.765	4.264	203.7E6	1008.3E6	48.197	45.227
8)	B Heptachlo...	5.693	4.874	176.7E6	881.8E6	44.529	44.376
9)	A Endosulfan I	6.076	5.249	169.6E6	789.1E6	45.072	41.581
10)	B gamma-Chl...	5.948	5.127	178.0E6	946.1E6	44.621	44.353
11)	B alpha-Chl...	6.029	5.192	178.4E6	907.0E6	44.541	43.974
12)	B 4,4'-DDE	6.198	5.377	154.0E6	906.0E6	42.902	43.344
13)	MA Dieldrin	6.349	5.515	178.7E6	936.5E6	44.545	44.505
14)	MA Endrin	6.576	5.791	149.1E6	829.3E6	43.663	43.006
15)	B Endosulfa...	6.788	6.082	149.7E6	789.4E6	43.471	43.087
16)	A 4,4'-DDD	6.707	5.931	134.4E6	764.8E6	48.267	43.972
17)	MA 4,4'-DDT	7.023	6.185	112.9E6	644.2E6	36.176	35.518
18)	B Endrin al...	6.916	6.260	112.4E6	590.9E6	43.670m	42.421
19)	B Endosulfa...	7.151	6.484	136.9E6	744.4E6	42.742	41.925
20)	A Methoxychlor	7.496	6.756	57376907	349.3E6	34.346	36.479
21)	B Endrin ke...	7.633	6.994	146.7E6	792.8E6	42.848	40.978
22)	Mirex	8.114	7.187	110.2E6	605.1E6	42.431m	39.800

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088665.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 18:33
Operator : AR\AJ
Sample : Q2074-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-20MS

Manual Integrations

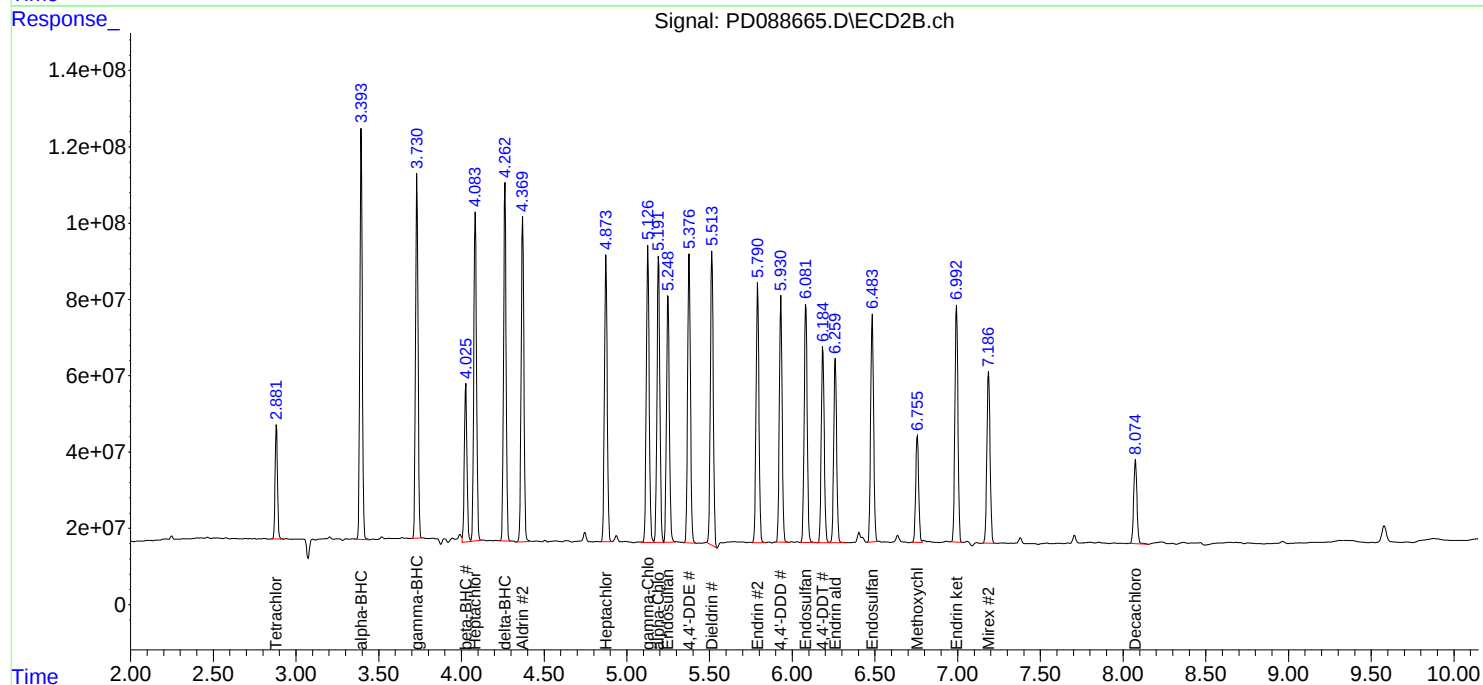
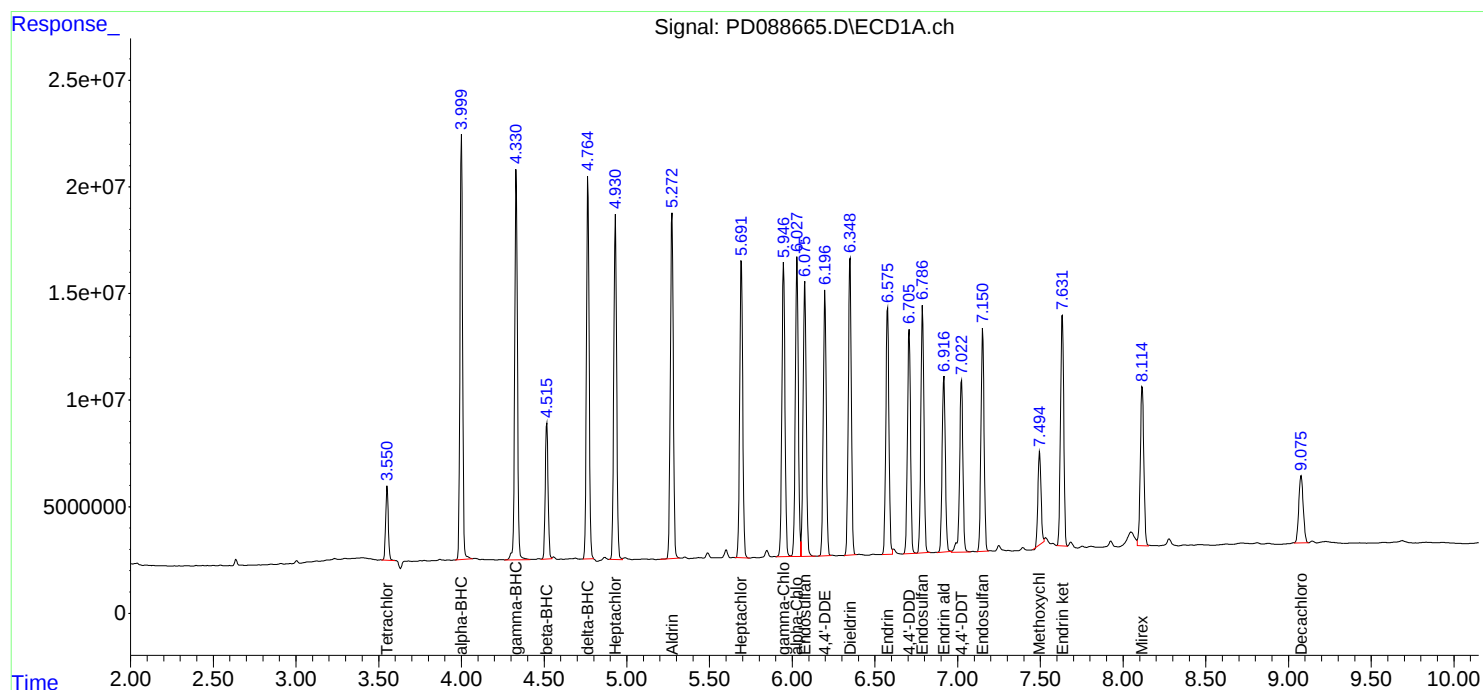
APPROVED

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:36:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 18:47
 Operator : AR\AJ
 Sample : Q2074-04MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-20MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:36:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	38531911	297.7E6	17.808	19.680
28)	SA Decachlor...	9.076	8.074	60216282	301.3E6	17.595	16.503
Target Compounds							
2)	A alpha-BHC	4.001	3.394	216.4E6	1099.2E6	45.294	45.984
3)	MA gamma-BHC...	4.332	3.731	211.1E6	1001.7E6	45.858	45.190
4)	MA Heptachlor	4.931	4.084	195.1E6	980.6E6	43.624	43.672
5)	MB Aldrin	5.273	4.370	199.3E6	988.7E6	45.356	45.084
6)	B beta-BHC	4.517	4.027	74900712	453.1E6	41.539	46.508
7)	B delta-BHC	4.765	4.263	201.0E6	1005.5E6	47.568	45.101
8)	B Heptachlo...	5.692	4.874	176.0E6	873.8E6	44.343	43.973
9)	A Endosulfan I	6.076	5.249	168.6E6	785.6E6	44.800	41.393
10)	B gamma-Chl...	5.947	5.127	177.5E6	944.6E6	44.492	44.282
11)	B alpha-Chl...	6.029	5.192	177.8E6	904.8E6	44.373	43.869
12)	B 4,4'-DDE	6.198	5.377	152.8E6	898.0E6	42.576	42.963
13)	MA Dieldrin	6.349	5.514	177.2E6	933.8E6	44.174	44.375
14)	MA Endrin	6.576	5.791	147.5E6	828.2E6	43.203	42.945
15)	B Endosulfa...	6.787	6.082	148.6E6	788.8E6	43.162	43.053
16)	A 4,4'-DDD	6.706	5.931	133.2E6	761.0E6	47.837	43.754
17)	MA 4,4'-DDT	7.023	6.185	111.2E6	644.7E6	35.608	35.545
18)	B Endrin al...	6.916	6.260	112.2E6	588.5E6	43.585	42.249
19)	B Endosulfa...	7.151	6.483	136.1E6	742.7E6	42.480	41.829
20)	A Methoxychlor	7.495	6.754	55705340	348.6E6	33.345	36.410m
21)	B Endrin ke...	7.632	6.993	146.5E6	790.4E6	42.790	40.850
22)	Mirex	8.115	7.186	102.9E6	602.7E6	39.618m	39.644

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 18:47
Operator : AR\AJ
Sample : Q2074-04MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TP-20MSD

Manual Integrations

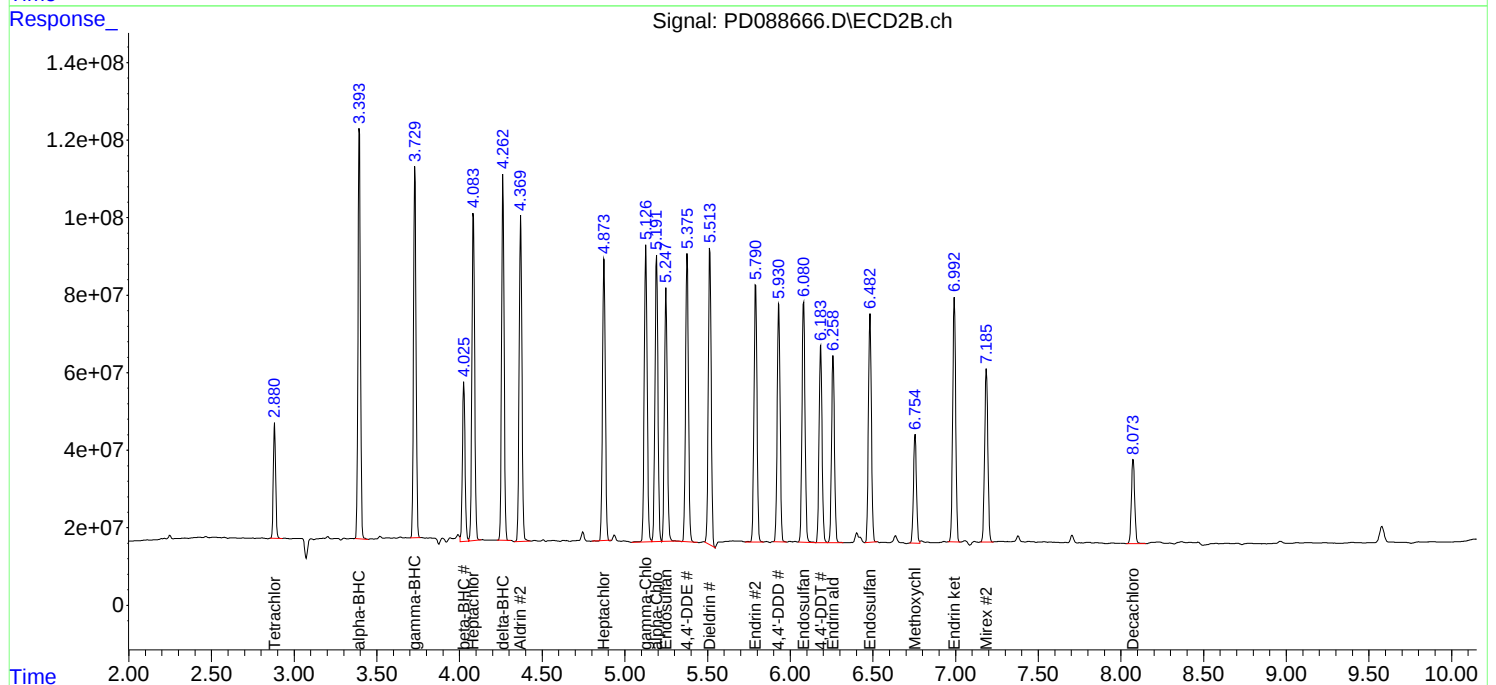
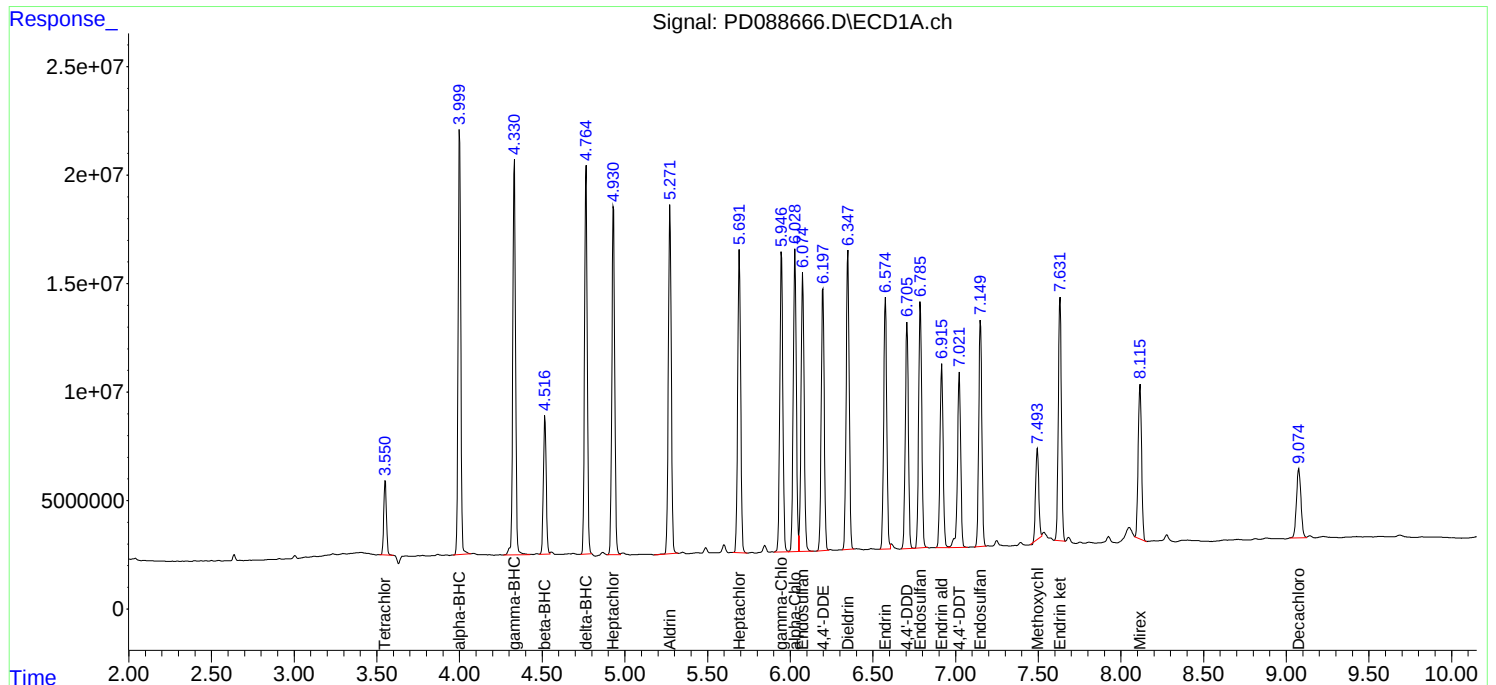
APPROVED

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:36:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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:	PD051925	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088584.D	4,4"-DDD	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	4,4"-DDD #2	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	Endrin aldehyde	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	Endrin aldehyde #2	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	Endrin ketone	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	Endrin ketone #2	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PSTDICC005	PD088590.D	Heptachlor	Abdul	5/20/2025 9:03:19 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PSTDICC005	PD088590.D	Heptachlor epoxide	Abdul	5/20/2025 9:03:19 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PCHLORICV500	PD088602.D	Chlordane-1	Abdul	5/20/2025 9:03:30 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088605.D	4,4"-DDD	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088605.D	4,4"-DDD #2	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088605.D	Endrin aldehyde #2	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088605.D	Endrin ketone	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software

Manual Integration Report

Sequence:

PD051925

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088605.D	Endrin ketone #2	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
I.BLK	PD088613.D	Decachlorobiphenyl	Abdul	5/20/2025 9:03:54 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PSTDCCC050	PD088614.D	4,4"-DDE #2	Abdul	5/20/2025 9:03:58 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software

Manual Integration Report

Sequence:	PD052025	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD088630.D	4,4"-DDE #2	Abdul	5/21/2025 10:23:42 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
PSTDCCC050	PD088630.D	delta-BHC	Abdul	5/21/2025 10:23:42 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
PSTDCCC050	PD088642.D	4,4"-DDE #2	Abdul	5/21/2025 10:24:15 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
PEM	PD088657.D	Endrin ketone	Abdul	5/21/2025 10:24:51 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
PSTDCCC050	PD088658.D	4,4"-DDE #2	Abdul	5/21/2025 10:28:05 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
PSTDCCC050	PD088658.D	4,4"-DDT	Abdul	5/21/2025 10:28:05 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
PB168075BS	PD088660.D	4,4"-DDE #2	Abdul	5/21/2025 10:24:55 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-01	PD088661.D	Endosulfan Sulfate	Abdul	5/21/2025 10:24:58 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-01	PD088661.D	Endosulfan Sulfate #2	Abdul	5/21/2025 10:24:58 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-03	PD088663.D	alpha-Chlordane #2	Abdul	5/21/2025 10:25:02 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-03	PD088663.D	Decachlorobiphenyl #2	Abdul	5/21/2025 10:25:02 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-03	PD088663.D	Tetrachloro-m-xylene #2	Abdul	5/21/2025 10:25:02 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-04MS	PD088665.D	Endrin aldehyde	Abdul	5/21/2025 10:25:06 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software

Manual Integration Report

Sequence:	PD052025	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2074-04MS	PD088665.D	Mirex	Abdul	5/21/2025 10:25:06 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-04MSD	PD088666.D	Methoxychlor #2	Abdul	5/21/2025 10:25:10 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-04MSD	PD088666.D	Mirex	Abdul	5/21/2025 10:25:10 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
Q2074-07	PD088669.D	Decachlorobiphenyl	Abdul	5/21/2025 10:25:14 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
PSTDCCC050	PD088674.D	4,4"-DDE #2	Abdul	5/21/2025 10:25:19 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software
PSTDCCC050	PD088674.D	4,4"-DDT	Abdul	5/21/2025 10:25:19 AM	mohammad	5/22/2025 6:40:41	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 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	PD088582.D	19 May 2025 10:36	AR\AJ	Ok
2	I.BLK	PD088583.D	19 May 2025 10:50	AR\AJ	Ok
3	PEM	PD088584.D	19 May 2025 11:04	AR\AJ	Ok,M
4	RESCHK	PD088585.D	19 May 2025 11:17	AR\AJ	Ok
5	PSTDICC100	PD088586.D	19 May 2025 11:31	AR\AJ	Ok
6	PSTDICC075	PD088587.D	19 May 2025 11:45	AR\AJ	Ok
7	PSTDICC050	PD088588.D	19 May 2025 11:58	AR\AJ	Ok
8	PSTDICC025	PD088589.D	19 May 2025 12:12	AR\AJ	Ok
9	PSTDICC005	PD088590.D	19 May 2025 12:25	AR\AJ	Ok,M
10	PCHLORICC1000	PD088591.D	19 May 2025 12:39	AR\AJ	Ok
11	PCHLORICC750	PD088592.D	19 May 2025 12:52	AR\AJ	Ok
12	PCHLORICC500	PD088593.D	19 May 2025 13:06	AR\AJ	Ok
13	PCHLORICC250	PD088594.D	19 May 2025 13:19	AR\AJ	Ok
14	PCHLORICC050	PD088595.D	19 May 2025 13:33	AR\AJ	Ok
15	PTOXICC1000	PD088596.D	19 May 2025 13:47	AR\AJ	Ok
16	PTOXICC750	PD088597.D	19 May 2025 14:00	AR\AJ	Ok
17	PTOXICC500	PD088598.D	19 May 2025 14:14	AR\AJ	Ok
18	PTOXICC250	PD088599.D	19 May 2025 14:27	AR\AJ	Ok,M
19	PTOXICC100	PD088600.D	19 May 2025 14:41	AR\AJ	Ok
20	PSTDICV050	PD088601.D	19 May 2025 14:55	AR\AJ	Ok
21	PCHLORICV500	PD088602.D	19 May 2025 15:08	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 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	PD088603.D	19 May 2025 15:22	AR\AJ	Ok
23	I.BLK	PD088604.D	19 May 2025 15:35	AR\AJ	Ok
24	PEM	PD088605.D	19 May 2025 15:49	AR\AJ	Ok,M
25	PSTDCCC050	PD088606.D	19 May 2025 16:02	AR\AJ	Ok
26	PTOXCCC500	PD088607.D	19 May 2025 16:16	AR\AJ	Ok
27	PB167959BS	PD088608.D	19 May 2025 16:32	AR\AJ	Ok
28	Q1984-09RE	PD088609.D	19 May 2025 16:50	AR\AJ	Confirms
29	Q1984-11RE	PD088610.D	19 May 2025 17:04	AR\AJ	Confirms
30	Q1984-13RE	PD088611.D	19 May 2025 17:18	AR\AJ	Confirms
31	Q1984-15RE	PD088612.D	19 May 2025 17:31	AR\AJ	Confirms
32	I.BLK	PD088613.D	19 May 2025 17:45	AR\AJ	Ok,M
33	PSTDCCC050	PD088614.D	19 May 2025 18:45	AR\AJ	Ok,M
34	PTOXCCC500	PD088615.D	19 May 2025 19:32	AR\AJ	Ok
35	PB168066BL	PD088616.D	19 May 2025 20:26	AR\AJ	Ok
36	PB168066BS	PD088617.D	19 May 2025 20:40	AR\AJ	Not Ok
37	PB167994TB	PD088618.D	19 May 2025 20:54	AR\AJ	Ok
38	Q2014-05	PD088619.D	19 May 2025 21:08	AR\AJ	Not Ok
39	Q2027-03	PD088620.D	19 May 2025 21:21	AR\AJ	Ok,M
40	Q2027-03MS	PD088621.D	19 May 2025 21:35	AR\AJ	Ok,M
41	Q2027-03MSD	PD088622.D	19 May 2025 21:49	AR\AJ	Ok,M
42	Q2027-04	PD088623.D	19 May 2025 22:02	AR\AJ	Ok
43	Q2032-09	PD088624.D	19 May 2025 22:16	AR\AJ	Ok
44	I.BLK	PD088625.D	19 May 2025 22:30	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 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	PSTDCCC050	PD088626.D	19 May 2025 22:43	AR\AJ	Ok
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M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD052025

Review By	Abdul	Review On	5/21/2025 10:28:21 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:40:41 AM
SubDirectory	PD052025	HP Acquire Method	HP Processing Method pd0519 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	PD088627.D	20 May 2025 07:58	AR\AJ	Ok
2	I.BLK	PD088628.D	20 May 2025 08:11	AR\AJ	Ok
3	PEM	PD088629.D	20 May 2025 08:25	AR\AJ	Ok
4	PSTDCCC050	PD088630.D	20 May 2025 09:23	AR\AJ	Ok,M
5	PB168050BL	PD088631.D	20 May 2025 09:40	AR\AJ	Ok
6	PB168050BS	PD088632.D	20 May 2025 10:47	AR\AJ	Ok
7	PB168066BS	PD088633.D	20 May 2025 11:01	AR\AJ	Ok
8	Q2068-01	PD088634.D	20 May 2025 11:16	AR\AJ	Ok,M
9	Q2062-01	PD088635.D	20 May 2025 11:37	AR\AJ	Ok,M
10	Q2062-01MS	PD088636.D	20 May 2025 11:50	AR\AJ	Ok,M
11	Q2062-01MSD	PD088637.D	20 May 2025 12:04	AR\AJ	Ok,M
12	Q2062-05	PD088638.D	20 May 2025 12:17	AR\AJ	Ok,M
13	Q2062-09	PD088639.D	20 May 2025 12:31	AR\AJ	Ok,M
14	Q2062-13	PD088640.D	20 May 2025 12:44	AR\AJ	Ok,M
15	I.BLK	PD088641.D	20 May 2025 12:58	AR\AJ	Ok
16	PSTDCCC050	PD088642.D	20 May 2025 13:11	AR\AJ	Ok,M
17	Q2062-17	PD088643.D	20 May 2025 13:25	AR\AJ	Ok,M
18	Q2062-21	PD088644.D	20 May 2025 13:39	AR\AJ	Ok,M
19	Q2071-01	PD088645.D	20 May 2025 13:52	AR\AJ	Ok
20	Q2071-05	PD088646.D	20 May 2025 14:06	AR\AJ	Ok,M
21	Q2071-09	PD088647.D	20 May 2025 14:19	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD052025

Review By	Abdul	Review On	5/21/2025 10:28:21 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:40:41 AM
SubDirectory	PD052025	HP Acquire Method	HP Processing Method pd0519 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	Q2071-13	PD088648.D	20 May 2025 14:33	AR\AJ	Ok
23	Q2071-17	PD088649.D	20 May 2025 14:47	AR\AJ	Ok,M
24	Q2065-01	PD088650.D	20 May 2025 15:00	AR\AJ	ReRun
25	Q2067-01	PD088651.D	20 May 2025 15:14	AR\AJ	ReRun
26	Q2068-03	PD088652.D	20 May 2025 15:28	AR\AJ	Ok,M
27	PB168082BL	PD088653.D	20 May 2025 15:41	AR\AJ	Ok
28	PB168082BS	PD088654.D	20 May 2025 15:55	AR\AJ	Ok
29	PB168082BSD	PD088655.D	20 May 2025 16:16	AR\AJ	Ok,M
30	I.BLK	PD088656.D	20 May 2025 16:30	AR\AJ	Ok
31	PEM	PD088657.D	20 May 2025 16:44	AR\AJ	Ok,M
32	PSTDCCC050	PD088658.D	20 May 2025 16:57	AR\AJ	Ok,M
33	PB168075BL	PD088659.D	20 May 2025 17:11	AR\AJ	Ok
34	PB168075BS	PD088660.D	20 May 2025 17:25	AR\AJ	Ok,M
35	Q2074-01	PD088661.D	20 May 2025 17:38	AR\AJ	Ok,M
36	Q2074-02	PD088662.D	20 May 2025 17:52	AR\AJ	Ok
37	Q2074-03	PD088663.D	20 May 2025 18:06	AR\AJ	Ok,M
38	Q2074-04	PD088664.D	20 May 2025 18:19	AR\AJ	Ok
39	Q2074-04MS	PD088665.D	20 May 2025 18:33	AR\AJ	Ok,M
40	Q2074-04MSD	PD088666.D	20 May 2025 18:47	AR\AJ	Ok,M
41	Q2074-05	PD088667.D	20 May 2025 19:00	AR\AJ	Ok
42	Q2074-06	PD088668.D	20 May 2025 19:14	AR\AJ	Ok
43	Q2074-07	PD088669.D	20 May 2025 19:28	AR\AJ	Ok,M
44	Q2074-08	PD088670.D	20 May 2025 19:41	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD052025

Review By	Abdul	Review On	5/21/2025 10:28:21 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:40:41 AM
SubDirectory	PD052025	HP Acquire Method	HP Processing Method pd0519 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	Q2080-01	PD088671.D	20 May 2025 19:55	AR\AJ	Ok
46	Q2080-07	PD088672.D	20 May 2025 20:09	AR\AJ	Ok
47	I.BLK	PD088673.D	20 May 2025 20:22	AR\AJ	Ok
48	PSTDCCC050	PD088674.D	20 May 2025 20:36	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 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	PD088582.D	19 May 2025 10:36		AR\AJ	Ok
2	I.BLK	I.BLK	PD088583.D	19 May 2025 10:50		AR\AJ	Ok
3	PEM	PEM	PD088584.D	19 May 2025 11:04		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD088585.D	19 May 2025 11:17		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD088586.D	19 May 2025 11:31		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD088587.D	19 May 2025 11:45		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD088588.D	19 May 2025 11:58		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD088589.D	19 May 2025 12:12		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD088590.D	19 May 2025 12:25		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD088591.D	19 May 2025 12:39		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD088592.D	19 May 2025 12:52		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD088593.D	19 May 2025 13:06		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD088594.D	19 May 2025 13:19		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD088595.D	19 May 2025 13:33		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PD088596.D	19 May 2025 13:47		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD088597.D	19 May 2025 14:00		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD088598.D	19 May 2025 14:14		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD088599.D	19 May 2025 14:27		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method
			pd0519 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	PD088600.D	19 May 2025 14:41		AR\AJ	Ok
20	PSTDICV050	ICVPD051925	PD088601.D	19 May 2025 14:55		AR\AJ	Ok
21	PCHLORICV500	ICVPD051925CHLOR	PD088602.D	19 May 2025 15:08		AR\AJ	Ok,M
22	PTOXICV500	ICVPD051925TOX	PD088603.D	19 May 2025 15:22		AR\AJ	Ok
23	I.BLK	I.BLK	PD088604.D	19 May 2025 15:35		AR\AJ	Ok
24	PEM	PEM	PD088605.D	19 May 2025 15:49		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD088606.D	19 May 2025 16:02		AR\AJ	Ok
26	PTOXCCC500	PTOXCCC500	PD088607.D	19 May 2025 16:16		AR\AJ	Ok
27	PB167959BS	PB167959BS	PD088608.D	19 May 2025 16:32	TOX BS	AR\AJ	Ok
28	Q1984-09RE	OU4-TS-25-050725RE	PD088609.D	19 May 2025 16:50	DCB Low in both column	AR\AJ	Confirms
29	Q1984-11RE	OU4-TS-26-050725RE	PD088610.D	19 May 2025 17:04	DCB Low in both column	AR\AJ	Confirms
30	Q1984-13RE	OU4-TS-27-050725RE	PD088611.D	19 May 2025 17:18	DCB Low in both column	AR\AJ	Confirms
31	Q1984-15RE	OU4-TS-28-050725RE	PD088612.D	19 May 2025 17:31	DCB Low in both column	AR\AJ	Confirms
32	I.BLK	I.BLK	PD088613.D	19 May 2025 17:45		AR\AJ	Ok,M
33	PSTDCCC050	PSTDCCC050	PD088614.D	19 May 2025 18:45		AR\AJ	Ok,M
34	PTOXCCC500	PTOXCCC500	PD088615.D	19 May 2025 19:32		AR\AJ	Ok
35	PB168066BL	PB168066BL	PD088616.D	19 May 2025 20:26		AR\AJ	Ok
36	PB168066BS	PB168066BS	PD088617.D	19 May 2025 20:40	Recovery fail for comp # 17 & 20	AR\AJ	Not Ok
37	PB167994TB	PB167994TB	PD088618.D	19 May 2025 20:54		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 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	Q2014-05	MOO-25-0148	PD088619.D	19 May 2025 21:08	TCMX having F flag in both column, already run	AR\AJ	Not Ok
39	Q2027-03	B27-SOIL-SAMPLE	PD088620.D	19 May 2025 21:21		AR\AJ	Ok,M
40	Q2027-03MS	B27-SOIL-SAMPLEMS	PD088621.D	19 May 2025 21:35		AR\AJ	Ok,M
41	Q2027-03MSD	B27-SOIL-SAMPLEMS	PD088622.D	19 May 2025 21:49		AR\AJ	Ok,M
42	Q2027-04	B28-SOIL-SAMPLE	PD088623.D	19 May 2025 22:02		AR\AJ	Ok
43	Q2032-09	COMP-1	PD088624.D	19 May 2025 22:16		AR\AJ	Ok
44	I.BLK	I.BLK	PD088625.D	19 May 2025 22:30		AR\AJ	Ok
45	PSTDCCC050	PSTDCCC050	PD088626.D	19 May 2025 22:43		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD052025

Review By	Abdul	Review On	5/21/2025 10:28:21 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:40:41 AM
SubDirectory	PD052025	HP Acquire Method	HP Processing Method pd0519 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	PD088627.D	20 May 2025 07:58		AR\AJ	Ok
2	I.BLK	I.BLK	PD088628.D	20 May 2025 08:11		AR\AJ	Ok
3	PEM	PEM	PD088629.D	20 May 2025 08:25		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD088630.D	20 May 2025 09:23		AR\AJ	Ok,M
5	PB168050BL	PB168050BL	PD088631.D	20 May 2025 09:40		AR\AJ	Ok
6	PB168050BS	PB168050BS	PD088632.D	20 May 2025 10:47		AR\AJ	Ok
7	PB168066BS	PB168066BS	PD088633.D	20 May 2025 11:01		AR\AJ	Ok
8	Q2068-01	LAW-25-0075	PD088634.D	20 May 2025 11:16		AR\AJ	Ok,M
9	Q2062-01	L1-WC-1	PD088635.D	20 May 2025 11:37		AR\AJ	Ok,M
10	Q2062-01MS	L1-WC-1MS	PD088636.D	20 May 2025 11:50		AR\AJ	Ok,M
11	Q2062-01MSD	L1-WC-1MSD	PD088637.D	20 May 2025 12:04		AR\AJ	Ok,M
12	Q2062-05	L1-WC-2	PD088638.D	20 May 2025 12:17		AR\AJ	Ok,M
13	Q2062-09	L1-WC-3	PD088639.D	20 May 2025 12:31		AR\AJ	Ok,M
14	Q2062-13	L1-WC-4	PD088640.D	20 May 2025 12:44		AR\AJ	Ok,M
15	I.BLK	I.BLK	PD088641.D	20 May 2025 12:58		AR\AJ	Ok
16	PSTDCCC050	PSTDCCC050	PD088642.D	20 May 2025 13:11		AR\AJ	Ok,M
17	Q2062-17	L1-WC-5	PD088643.D	20 May 2025 13:25		AR\AJ	Ok,M
18	Q2062-21	L1-WC-6	PD088644.D	20 May 2025 13:39		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD052025

Review By	Abdul	Review On	5/21/2025 10:28:21 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:40:41 AM
SubDirectory	PD052025	HP Acquire Method	HP Processing Method pd0519 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	Q2071-01	L1-WC-7	PD088645.D	20 May 2025 13:52		AR\AJ	Ok
20	Q2071-05	L1-WC-8	PD088646.D	20 May 2025 14:06		AR\AJ	Ok,M
21	Q2071-09	L1-WC-9	PD088647.D	20 May 2025 14:19		AR\AJ	Ok
22	Q2071-13	L2-WC-5	PD088648.D	20 May 2025 14:33		AR\AJ	Ok
23	Q2071-17	L2-WC-6	PD088649.D	20 May 2025 14:47		AR\AJ	Ok,M
24	Q2065-01	VACTRUCK-728068	PD088650.D	20 May 2025 15:00	TCMX low in both column	AR\AJ	ReRun
25	Q2067-01	303-PPR-FRAC	PD088651.D	20 May 2025 15:14	TCMX low in both column	AR\AJ	ReRun
26	Q2068-03	LAW-25-0074	PD088652.D	20 May 2025 15:28	DCB low in 2nd column & TCMX high in 2nd column	AR\AJ	Ok,M
27	PB168082BL	PB168082BL	PD088653.D	20 May 2025 15:41		AR\AJ	Ok
28	PB168082BS	PB168082BS	PD088654.D	20 May 2025 15:55		AR\AJ	Ok
29	PB168082BSD	PB168082BSD	PD088655.D	20 May 2025 16:16		AR\AJ	Ok,M
30	I.BLK	I.BLK	PD088656.D	20 May 2025 16:30		AR\AJ	Ok
31	PEM	PEM	PD088657.D	20 May 2025 16:44		AR\AJ	Ok,M
32	PSTDCCC050	PSTDCCC050	PD088658.D	20 May 2025 16:57		AR\AJ	Ok,M
33	PB168075BL	PB168075BL	PD088659.D	20 May 2025 17:11		AR\AJ	Ok
34	PB168075BS	PB168075BS	PD088660.D	20 May 2025 17:25		AR\AJ	Ok,M
35	Q2074-01	TP-12	PD088661.D	20 May 2025 17:38		AR\AJ	Ok,M
36	Q2074-02	TP-7	PD088662.D	20 May 2025 17:52		AR\AJ	Ok
37	Q2074-03	TP-15	PD088663.D	20 May 2025 18:06		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD052025

Review By	Abdul	Review On	5/21/2025 10:28:21 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:40:41 AM
SubDirectory	PD052025	HP Acquire Method	HP Processing Method pd0519 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	Q2074-04	TP-20	PD088664.D	20 May 2025 18:19		AR\AJ	Ok
39	Q2074-04MS	TP-20MS	PD088665.D	20 May 2025 18:33		AR\AJ	Ok,M
40	Q2074-04MSD	TP-20MSD	PD088666.D	20 May 2025 18:47		AR\AJ	Ok,M
41	Q2074-05	TP-38	PD088667.D	20 May 2025 19:00		AR\AJ	Ok
42	Q2074-06	TP-19	PD088668.D	20 May 2025 19:14		AR\AJ	Ok
43	Q2074-07	TP-40	PD088669.D	20 May 2025 19:28		AR\AJ	Ok,M
44	Q2074-08	TP-18	PD088670.D	20 May 2025 19:41		AR\AJ	Ok
45	Q2080-01	PL-HRH-COMP-01	PD088671.D	20 May 2025 19:55		AR\AJ	Ok
46	Q2080-07	PL-HRH-COMP-02	PD088672.D	20 May 2025 20:09		AR\AJ	Ok
47	I.BLK	I.BLK	PD088673.D	20 May 2025 20:22		AR\AJ	Ok
48	PSTDCCC050	PSTDCCC050	PD088674.D	20 May 2025 20:36		AR\AJ	Ok,M

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Florisil **Extraction Start Date :** 05/20/2025

Matrix : Solid **Extraction Start Time :** 08:45

Welgh By: EH **Extraction By:** RJ **Extraction End Date :** 05/20/2025

Balance check: RJ **Filter By:** RJ **Extraction End Time :** 12:00

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** RUPESH

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

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	EP2614
Sand	N/A	E2865
Hexane	N/A	E3934
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

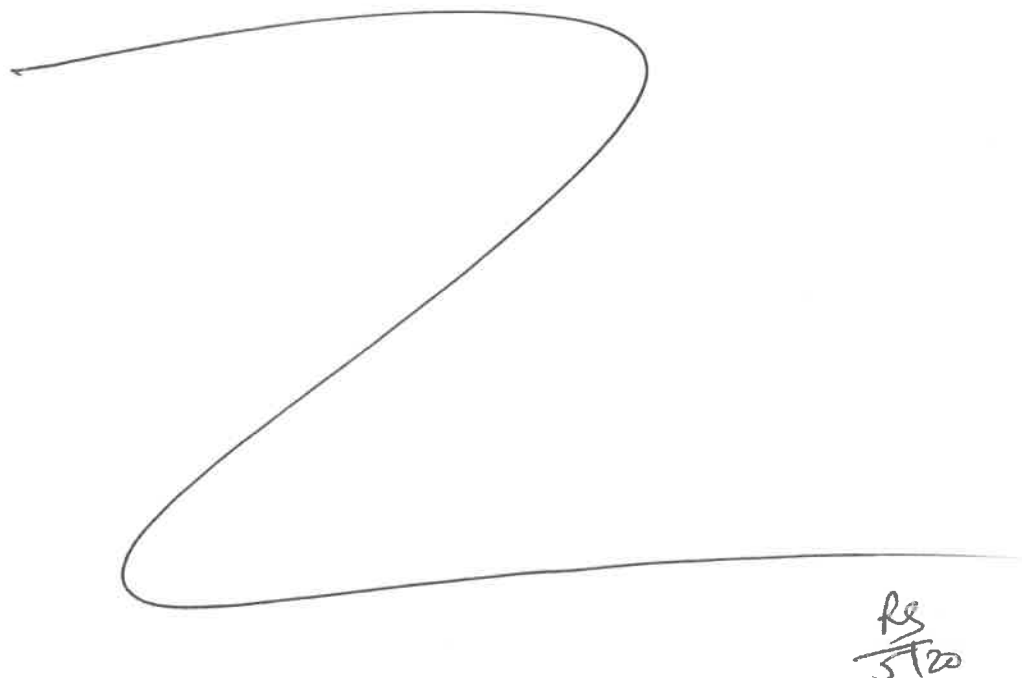
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/20/25	RS (BCL lab)	Y.P. Pest/PCB.
12:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 05/20/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168075BL	PBLK075	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168075BS	PLCS075	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
Q2074-01	TP-12	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		3
Q2074-02	TP-7	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		4
Q2074-03	TP-15	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		5
Q2074-04	TP-20	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		6
Q2074-04MS	TP-20MS	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		U1-1
Q2074-04MS D	TP-20MSD	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		2
Q2074-05	TP-38	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		3
Q2074-06	TP-19	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		4
Q2074-07	TP-40	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		5
Q2074-08	TP-18	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		6
Q2080-01	PL-HRH-COMP-01	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E		U3-1
Q2080-07	PL-HRH-COMP-02	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		2



* Extracts relinquished on the same date as received.

164745
540891
5418

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2074P WorkList ID : 189619 Department : Extraction Date : 05-20-2025 08:25:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2074-01	TP-12	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L31	05/16/2025	8081B
Q2074-02	TP-7	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L31	05/16/2025	8081B
Q2074-03	TP-15	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L31	05/16/2025	8081B
Q2074-04	TP-20	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L31	05/16/2025	8081B
Q2074-05	TP-38	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L31	05/16/2025	8081B
Q2074-06	TP-19	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L31	05/16/2025	8081B
Q2074-07	TP-40	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L31	05/16/2025	8081B
Q2074-08	TP-18	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	L31	05/16/2025	8081B
Q2080-01	PL-HRH-COMP-01	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L31	05/19/2025	8081B
Q2080-07	PL-HRH-COMP-02	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	L31	05/19/2025	8081B

Date/Time 05/20/25 8:40
Raw Sample Received by: RS (EFL-100b)
Raw Sample Relinquished by: [Signature]

Date/Time 05/20/25 9:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RS (EFL-100b)

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

LAB CHRONICLE

OrderID:	Q2074	OrderDate:	5/16/2025 3:13:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2074-01	TP-12	SOIL	Pesticide-TCL Gasoline Range Organics	8081B 8015D	05/15/25	05/20/25	05/20/25 05/20/25	05/16/25
Q2074-02	TP-7	SOIL	Pesticide-TCL Gasoline Range Organics	8081B 8015D	05/15/25	05/20/25	05/20/25 05/20/25	05/16/25
Q2074-03	TP-15	SOIL	Pesticide-TCL Gasoline Range Organics	8081B 8015D	05/15/25	05/20/25	05/20/25 05/20/25	05/16/25
Q2074-04	TP-20	SOIL	Pesticide-TCL Gasoline Range Organics	8081B 8015D	05/15/25	05/20/25	05/20/25 05/20/25	05/16/25
Q2074-05	TP-38	SOIL	Pesticide-TCL	8081B	05/15/25	05/20/25	05/20/25	05/16/25
Q2074-06	TP-19	SOIL	Pesticide-TCL Gasoline Range Organics	8081B 8015D	05/15/25	05/20/25	05/20/25 05/20/25	05/16/25
Q2074-07	TP-40	SOIL	Pesticide-TCL	8081B	05/15/25	05/20/25	05/20/25	05/16/25
Q2074-08	TP-18	SOIL	Pesticide-TCL	8081B	05/16/25	05/20/25	05/20/25	05/16/25