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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
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Client ID :

Total Concentration: 0.000



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:	8082A	% Solid:	83.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072210.D	1	05/20/25 08:45	05/20/25 14:22	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.3	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.3	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.3	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.3	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.3	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.3	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.3	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		32 - 175	87%	SPK: 20

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-7	SDG No.:	Q2074
Lab Sample ID:	Q2074-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072211.D	1	05/20/25 08:45	05/20/25 14:38	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.1	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.1	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.1	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.1	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.1	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.1	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.1	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.1	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		32 - 175	105%	SPK: 20

Comments:

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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:	8082A	% Solid:	87
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072212.D	1	05/20/25 08:45	05/20/25 14:55	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.5	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.5	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.5	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.5	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.5	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.5	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.5	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.5	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		32 - 175	80%	SPK: 20

Comments:

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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:	8082A	% Solid:	84.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072213.D	1	05/20/25 08:45	05/20/25 15:11	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.1	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.1	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.1	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.1	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.1	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.1	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.1	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.1	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		32 - 175	91%	SPK: 20

Comments:

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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:	8082A	% Solid:	81.9
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072214.D	1	05/20/25 08:45	05/20/25 15:27	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		32 - 175	80%	SPK: 20

Comments:

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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:	8082A	% Solid:	85.9
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072215.D	1	05/20/25 08:45	05/20/25 15:44	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.8	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.8	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.8	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.8	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.8	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.8	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.8	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.8	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		32 - 175	86%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

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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-40	SDG No.:	Q2074
Lab Sample ID:	Q2074-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072216.D	1	05/20/25 08:45	05/20/25 16:00	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.0	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.0	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.0	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.0	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	19.0	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.0	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	19.0	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.0	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		32 - 175	83%	SPK: 20

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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:	8082A	% Solid:	78
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072217.D	1	05/20/25 08:45	05/20/25 16:16	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	21.8	ug/kg
11104-28-2	Aroclor-1221	5.20	U	5.20	21.8	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	21.8	ug/kg
53469-21-9	Aroclor-1242	5.10	U	5.10	21.8	ug/kg
12672-29-6	Aroclor-1248	7.60	U	7.60	21.8	ug/kg
11097-69-1	Aroclor-1254	4.10	U	4.10	21.8	ug/kg
37324-23-5	Aroclor-1262	6.40	U	6.40	21.8	ug/kg
11100-14-4	Aroclor-1268	4.60	U	4.60	21.8	ug/kg
11096-82-5	Aroclor-1260	4.10	U	4.10	21.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		32 - 175	82%	SPK: 20

Comments:

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QC SUMMARY

Surrogate Summary

SDG No.: Q2074

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP072163.D	PIBLK-PP072163.D	Tetrachloro-m-xylene	1	20	16.3	82		60	140
		Decachlorobiphenyl	1	20	16.7	84		60	140
		Tetrachloro-m-xylene	2	20	16.6	83		60	140
		Decachlorobiphenyl	2	20	17.0	85		60	140
I.BLK-PP072207.D	PIBLK-PP072207.D	Tetrachloro-m-xylene	1	20	16.3	82		60	140
		Decachlorobiphenyl	1	20	17.3	87		60	140
		Tetrachloro-m-xylene	2	20	17.5	88		60	140
		Decachlorobiphenyl	2	20	19.2	96		60	140
PB168074BL	PB168074BL	Tetrachloro-m-xylene	1	20	18.7	94		32	144
		Decachlorobiphenyl	1	20	19.3	96		32	175
		Tetrachloro-m-xylene	2	20	19.7	98		32	144
		Decachlorobiphenyl	2	20	19.9	100		32	175
PB168074BS	PB168074BS	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	20.3	102		32	175
		Tetrachloro-m-xylene	2	20	19.0	95		32	144
		Decachlorobiphenyl	2	20	21.0	105		32	175
Q2074-01	TP-12	Tetrachloro-m-xylene	1	20	17.1	86		32	144
		Decachlorobiphenyl	1	20	16.5	82		32	175
		Tetrachloro-m-xylene	2	20	19.3	96		32	144
		Decachlorobiphenyl	2	20	17.4	87		32	175
Q2074-02	TP-7	Tetrachloro-m-xylene	1	20	21.2	106		32	144
		Decachlorobiphenyl	1	20	20.4	102		32	175
		Tetrachloro-m-xylene	2	20	21.6	108		32	144
		Decachlorobiphenyl	2	20	21.0	105		32	175
Q2074-03	TP-15	Tetrachloro-m-xylene	1	20	18.3	92		32	144
		Decachlorobiphenyl	1	20	14.5	72		32	175
		Tetrachloro-m-xylene	2	20	18.8	94		32	144
		Decachlorobiphenyl	2	20	15.9	80		32	175
Q2074-04	TP-20	Tetrachloro-m-xylene	1	20	18.1	91		32	144
		Decachlorobiphenyl	1	20	17.2	86		32	175
		Tetrachloro-m-xylene	2	20	18.4	92		32	144
		Decachlorobiphenyl	2	20	18.1	91		32	175
Q2074-05	TP-38	Tetrachloro-m-xylene	1	20	17.1	85		32	144
		Decachlorobiphenyl	1	20	14.3	72		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	16.1	80		32	175
Q2074-06	TP-19	Tetrachloro-m-xylene	1	20	18.1	90		32	144
		Decachlorobiphenyl	1	20	16.1	80		32	175
		Tetrachloro-m-xylene	2	20	18.8	94		32	144
		Decachlorobiphenyl	2	20	17.2	86		32	175
Q2074-07	TP-40	Tetrachloro-m-xylene	1	20	19.1	95		32	144

Surrogate Summary

SDG No.: Q2074

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q2074-07	TP-40	Decachlorobiphenyl	1	20	16.2	81		32	175
		Tetrachloro-m-xylene	2	20	20.2	101		32	144
Q2074-08	TP-18	Decachlorobiphenyl	2	20	16.5	83		32	175
		Tetrachloro-m-xylene	1	20	18.0	90		32	144
		Decachlorobiphenyl	1	20	15.7	79		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	16.4	82		32	175
		Tetrachloro-m-xylene	1	20	16.6	83		60	140
I.BLK-PP072222.D	PIBLK-PP072222.D	Decachlorobiphenyl	1	20	17.4	87		60	140
		Tetrachloro-m-xylene	2	20	17.3	86		60	140
		Decachlorobiphenyl	2	20	18.8	94		60	140
		Tetrachloro-m-xylene	1	20	18.9	94		32	144
Q2080-01MS	PL-HRH-COMP-01MS	Decachlorobiphenyl	1	20	15.2	76		32	175
		Tetrachloro-m-xylene	2	20	18.1	91		32	144
		Decachlorobiphenyl	2	20	17.3	86		32	175
		Tetrachloro-m-xylene	1	20	20.0	100		32	144
Q2080-01MSD	PL-HRH-COMP-01MSD	Decachlorobiphenyl	1	20	16.3	81		32	175
		Tetrachloro-m-xylene	2	20	19.8	99		32	144
		Decachlorobiphenyl	2	20	17.8	89		32	175
		Tetrachloro-m-xylene	1	20	17.0	85		60	140
I.BLK-PP072237.D	PIBLK-PP072237.D	Decachlorobiphenyl	1	20	17.9	89		60	140
		Tetrachloro-m-xylene	2	20	18.3	91		60	140
		Decachlorobiphenyl	2	20	19.4	97		60	140
		Tetrachloro-m-xylene	1	20	17.0	85		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2074</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PP072224.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2080-01MS (Column 1)	PL-HRH-COMP-01MS AR1016	192.5	0	168	ug/kg	87				55	146	
	AR1260	192.5	0	153	ug/kg	79				31	146	
Client Sample ID: Q2080-01MS (Column 2)	PL-HRH-COMP-01MS AR1016	192.5	0	168	ug/kg	87				55	146	
	AR1260	192.5	0	160	ug/kg	83				31	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2074</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PP072225.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2080-01MSD (Column 1)	PL-HRH-COMP-01MSD AR1016	192.4	0	177	ug/kg	92		6		55	146	20
	AR1260	192.4	0	162	ug/kg	84		6		31	146	20
Client Sample ID: Q2080-01MSD (Column 2)	PL-HRH-COMP-01MSD AR1016	192.4	0	179	ug/kg	93		7		55	146	20
	AR1260	192.4	0	169	ug/kg	88		6		31	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2074</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PP072209.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB168074BS (Column 1)	AR1016	166.6	138	ug/kg	83				71	120		
	AR1260	166.6	140	ug/kg	84				65	130		
PB168074BS (Column 2)	AR1016	166.6	141	ug/kg	85				71	120		
	AR1260	166.6	139	ug/kg	83				65	130		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168074BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2074

SAS No.: Q2074 SDG NO.: Q2074

Lab Sample ID: PB168074BL

Lab File ID: PP072208.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): 13:49

Time Analyzed (2): 13:49

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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
PB168074BS	PB168074BS	PP072209.D	05/20/2025	05/20/2025
TP-12	Q2074-01	PP072210.D	05/20/2025	05/20/2025
TP-7	Q2074-02	PP072211.D	05/20/2025	05/20/2025
TP-15	Q2074-03	PP072212.D	05/20/2025	05/20/2025
TP-20	Q2074-04	PP072213.D	05/20/2025	05/20/2025
TP-38	Q2074-05	PP072214.D	05/20/2025	05/20/2025
TP-19	Q2074-06	PP072215.D	05/20/2025	05/20/2025
TP-40	Q2074-07	PP072216.D	05/20/2025	05/20/2025
TP-18	Q2074-08	PP072217.D	05/20/2025	05/20/2025
PL-HRH-COMP-01MS	Q2080-01MS	PP072224.D	05/20/2025	05/20/2025
PL-HRH-COMP-01MSD	Q2080-01MSD	PP072225.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:	PB168074BL	SDG No.:	Q2074
Lab Sample ID:	PB168074BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072208.D	1	05/20/25 08:45	05/20/25 13:49	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		32 - 175	100%	SPK: 20

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-PP072163.D	SDG No.:	Q2074
Lab Sample ID:	I.BLK-PP072163.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072163.D	1		05/19/25	PP051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.3		60 - 140	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 140	84%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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-PP072207.D	SDG No.:	Q2074
Lab Sample ID:	I.BLK-PP072207.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072207.D	1		05/20/25	PP052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.3		60 - 140	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	87%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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() = 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-PP072222.D	SDG No.:	Q2074
Lab Sample ID:	I.BLK-PP072222.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072222.D	1		05/20/25	PP052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.6		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		60 - 140	87%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/21/25
Project:	South River WM Replacement	Date Received:	05/21/25
Client Sample ID:	PIBLK-PP072237.D	SDG No.:	Q2074
Lab Sample ID:	I.BLK-PP072237.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072237.D	1		05/21/25	PP052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		60 - 140	89%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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* = 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:	PB168074BS	SDG No.:	Q2074
Lab Sample ID:	PB168074BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072209.D	1	05/20/25 08:45	05/20/25 14:06	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	141		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	140		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		32 - 175	105%	SPK: 20

Comments:

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J = Estimated Value

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* = 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:	PL-HRH-COMP-01MS	SDG No.:	Q2074
Lab Sample ID:	Q2080-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072224.D	1	05/20/25 08:45	05/20/25 19:16	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	168		4.60	19.6	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.6	ug/kg
11096-82-5	Aroclor-1260	160		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		32 - 175	86%	SPK: 20

Comments:

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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* = 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:	PL-HRH-COMP-01MSD	SDG No.:	Q2074
Lab Sample ID:	Q2080-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072225.D	1	05/20/25 08:45	05/20/25 19:32	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	179		4.60	19.6	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.6	ug/kg
11096-82-5	Aroclor-1260	169		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		32 - 175	89%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

A
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Calibration Times: 09:42 18:25

LAB FILE ID: RT 1000 = PP072164.D RT 750 = PP072165.D
RT 500 = PP072166.D RT 250 = PP072167.D RT 050 = PP072168.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.22	10.22	10.22	10.22	10.22	10.22	10.12	10.32
Tetrachloro-m-xylene	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1268-1 (1)	8.72	8.72	8.72	8.72	8.72	8.72	8.62	8.82
Aroclor-1268-2 (2)	8.81	8.82	8.81	8.81	8.81	8.81	8.71	8.91
Aroclor-1268-3 (3)	9.04	9.05	9.04	9.04	9.05	9.04	8.94	9.14
Aroclor-1268-4 (4)	9.46	9.46	9.46	9.46	9.46	9.46	9.36	9.56
Aroclor-1268-5 (5)	9.88	9.88	9.88	9.88	9.88	9.88	9.78	9.98
Decachlorobiphenyl	10.22	10.22	10.22	10.21	10.22	10.22	10.12	10.32
Tetrachloro-m-xylene	4.50	4.51	4.50	4.50	4.50	4.50	4.40	4.60

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Calibration Times: 09:42 18:25

ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1 (1)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-2 (2)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Aroclor-1268-3 (3)	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
Aroclor-1268-4 (4)	8.27	8.27	8.27	8.27	8.27	8.27	8.17	8.37
Aroclor-1268-5 (5)	8.57	8.57	8.57	8.57	8.57	8.57	8.47	8.67
Decachlorobiphenyl	8.83	8.83	8.83	8.82	8.82	8.83	8.73	8.93
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

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

Instrument ID: ECD_P

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

Calibration Times: 09:42 18:25

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

LAB FILE ID:		CF 1000 = <u>PP072164.D</u>		CF 750 = <u>PP072165.D</u>			
CF 500 = <u>PP072166.D</u>		CF 250 = <u>PP072167.D</u>		CF 050 = <u>PP072168.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	66878491	69828851	76010044	83211968	79488900	75083651
Aroclor-1016-2	(2)	99468528	104467549	110518222	118579572	101924480	106991670
Aroclor-1016-3	(3)	61412187	64234915	67714060	73550892	60912680	65564947
Aroclor-1016-4	(4)	50363803	53404009	55311866	58220708	49049560	53269989
Aroclor-1016-5	(5)	45437165	47941741	49914606	51189784	50062640	48909187
Aroclor-1260-1	(1)	85553757	90346417	93957158	98060904	100055640	93594775
Aroclor-1260-2	(2)	135650987	137755076	143609204	149400496	151032820	143489717
Aroclor-1260-3	(3)	109042220	112821207	117388622	121236852	108865120	113870804
Aroclor-1260-4	(4)	102101329	107107725	110940768	114591832	101771400	107302611
Aroclor-1260-5	(5)	228876095	233706888	240834266	249937120	229956720	236662218
Decachlorobiphenyl		1538266220	1617591187	1654764640	1712186920	1622812600	1629124313
Tetrachloro-m-xylene		1944699760	2026562000	2072807240	2135906680	1874026800	2010800496
Aroclor-1232-1	(1)	44075653	45896815	48002922	48247276	49319600	47108453
Aroclor-1232-2	(2)	21717379	22928696	23244388	23029808	25495660	23283186
Aroclor-1232-3	(3)	46772523	50148184	51844656	54382920	47167260	50063109
Aroclor-1232-4	(4)	23238504	24146713	24804390	26183196	27122440	25099049
Aroclor-1232-5	(5)	15752983	16470224	16442412	18109320	20822780	17519544
Decachlorobiphenyl		1545279190	1600827560	1672901480	1703701720	1499866000	1604515190
Tetrachloro-m-xylene		1886122400	2000973440	2054641840	2122290120	1923172600	1997440080
Aroclor-1242-1	(1)	56211553	57323072	62083360	65843868	71524840	62597339
Aroclor-1242-2	(2)	82973080	85971496	91883334	97584776	75486540	86779845
Aroclor-1242-3	(3)	51559127	52121972	55496172	57080948	59071260	55065896
Aroclor-1242-4	(4)	41207603	43030657	45948576	46781836	44776460	44349026
Aroclor-1242-5	(5)	47977894	48696228	50879554	52435600	54934800	50984815
Decachlorobiphenyl		1526214180	1567133680	1645977640	1728993240	1487418400	1591147428
Tetrachloro-m-xylene		1827808490	1928927520	1991275140	2114690400	1713029600	1915146230
Aroclor-1248-1	(1)	44038397	47472432	47912646	51445364	51108500	48395468
Aroclor-1248-2	(2)	56984732	59400859	61165396	63476680	62172680	60640069
Aroclor-1248-3	(3)	64677132	65813748	68767932	70638012	61003720	66180109
Aroclor-1248-4	(4)	81606824	85304428	88412180	92196600	89440360	87392078
Aroclor-1248-5	(5)	77587697	81003728	83211240	86851844	86474060	83025714
Decachlorobiphenyl		1573368300	1599269360	1663196880	1714969280	1478724200	1605905604
Tetrachloro-m-xylene		1880240370	1909383627	1990709860	2112434560	1856348600	1949823403
Aroclor-1254-1	(1)	79792123	82783284	86922424	91684028	88834440	86003260

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	120142096	124850076	131105324	134547092	142741880	130677294	7
Aroclor-1254-3	(3)	124307316	127832729	133782854	136984312	137108200	132003082	4
Aroclor-1254-4	(4)	116304358	118550812	124418220	136069712	157210520	130510724	13
Aroclor-1254-5	(5)	107938622	112056604	116315218	117138120	102784720	111246657	5
Decachlorobiphenyl		1576500070	1614032093	1688035380	1708021160	1475084400	1612334621	6
Tetrachloro-m-xylene		1869066560	1948875347	2032435420	2069900400	1617536400	1907562825	9
Aroclor-1268-1	(1)	315692357	322966827	337626016	351356792	338115380	333151474	4
Aroclor-1268-2	(2)	265886956	272371317	285215132	296487980	279979560	279988189	4
Aroclor-1268-3	(3)	227961300	235081659	247250176	255747588	241284760	241465097	4
Aroclor-1268-4	(4)	101392203	104765767	107968348	108360296	102254740	104948271	3
Aroclor-1268-5	(5)	651541042	667177075	686960040	706355632	672967440	677000246	3
Decachlorobiphenyl		2733685450	2815599213	2937966700	3038738360	2636754200	2832548785	6
Tetrachloro-m-xylene		1849618000	1900065360	1995699220	2054630680	1744336400	1908869932	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

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

Instrument ID: ECD_P **Calibration Date(s):** 05/19/2025 05/19/2025
Calibration Times: 09:42 18:25

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

LAB FILE ID:		CF 1000 = <u>PP072164.D</u>		CF 750 = <u>PP072165.D</u>			
CF 500 = <u>PP072166.D</u>		CF 250 = <u>PP072167.D</u>		CF 050 = <u>PP072168.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	54525663	58849481	59632288	64515432	69624760	61429525
Aroclor-1016-2	(2)	79772717	86154421	85288758	92453296	95277560	87789350
Aroclor-1016-3	(3)	42641318	46352395	47330430	50989192	50959120	47654491
Aroclor-1016-4	(4)	33654246	36754908	37811202	41521120	40485160	38045327
Aroclor-1016-5	(5)	43791070	47744144	49105368	53701332	54780200	49824423
Aroclor-1260-1	(1)	72244144	75307759	80373306	84844232	85999160	79753720
Aroclor-1260-2	(2)	87664004	90365408	98490088	104924488	125666920	101422182
Aroclor-1260-3	(3)	79909091	81326363	88937536	92494016	91844780	86902357
Aroclor-1260-4	(4)	64349922	67685321	72647720	77711116	78060640	72090944
Aroclor-1260-5	(5)	161315528	166937577	177635780	187517596	174713540	173624004
Decachlorobiphenyl		920208980	1044964960	1093136160	1163579000	1071118200	1058601460
Tetrachloro-m-xylene		1547649930	1584243107	1593704220	1639561360	1626633000	1598358323
Aroclor-1232-1	(1)	37616932	40592059	45290150	47667724	45555860	43344545
Aroclor-1232-2	(2)	39358353	42024527	44532022	47402620	47585980	44180700
Aroclor-1232-3	(3)	20796080	22347549	23808552	25172964	24790340	23383097
Aroclor-1232-4	(4)	17897124	19415229	20680720	21689292	23918420	20720157
Aroclor-1232-5	(5)	19472370	21237964	22534450	24219412	28307940	23154427
Decachlorobiphenyl		991061470	1069964400	1120483020	1147415120	1151969600	1096178722
Tetrachloro-m-xylene		1503650850	1560846907	1685979140	1671096560	1578260800	1599966851
Aroclor-1242-1	(1)	46123670	49902476	52843000	57237560	54435320	52108405
Aroclor-1242-2	(2)	66003789	71039361	75471286	80940564	74026140	73496228
Aroclor-1242-3	(3)	34394227	38777200	41064482	44714476	36677280	39125533
Aroclor-1242-4	(4)	32146418	36854119	38826456	43192656	36894340	37582798
Aroclor-1242-5	(5)	41776015	46613400	48754570	54226988	49917340	48257663
Decachlorobiphenyl		967171680	1074707920	1046164720	1163123680	1078294400	1065892480
Tetrachloro-m-xylene		1545621850	1670448987	1600956100	1623877080	1377345600	1563649923
Aroclor-1248-1	(1)	38942472	38080832	42980810	46736940	49867020	43321615
Aroclor-1248-2	(2)	50685144	49386624	55814958	61079164	65420760	56477330
Aroclor-1248-3	(3)	53612101	51937139	58301874	64007240	67677000	59107071
Aroclor-1248-4	(4)	63542852	61081784	68799052	75621092	79219440	69652844
Aroclor-1248-5	(5)	63751699	62374025	69241268	74501112	78829180	69739457
Decachlorobiphenyl		1077930460	1066864453	1129616840	1218519160	1187538600	1136093903
Tetrachloro-m-xylene		1585370290	1544149787	1686359520	1807980440	1717995000	1668371007
Aroclor-1254-1	(1)	88394708	92134828	103452628	109580892	106208260	99954263

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	75158218	78808232	90151838	93786952	93629340	86306916	10
Aroclor-1254-3	(3)	118588697	123091027	137573488	140955076	122895140	128620686	8
Aroclor-1254-4	(4)	76184182	79817879	90049888	92363636	88066400	85296397	8
Aroclor-1254-5	(5)	103321222	111630831	120507404	120857332	110441220	113351602	7
Decachlorobiphenyl		1048618240	1081081133	1110321040	1211638680	1138223000	1117976419	6
Tetrachloro-m-xylene		1515554540	1677026120	1758978840	1703246040	1394379800	1609837068	9
Aroclor-1268-1	(1)	212587803	222334836	235771254	243664628	256729280	234217560	7
Aroclor-1268-2	(2)	188526781	196925783	208389682	217661736	222594360	206819668	7
Aroclor-1268-3	(3)	155195263	161035703	174669460	176674312	179279020	169370752	6
Aroclor-1268-4	(4)	67370219	71019111	74855072	76562592	74977520	72956903	5
Aroclor-1268-5	(5)	431064337	442819956	457037218	461770552	492119380	456962289	5
Decachlorobiphenyl		1753973260	1820277787	1902401960	1966032280	2130248600	1914586777	8
Tetrachloro-m-xylene		1581658390	1604094987	1649636500	1662342440	1498230000	1599192463	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

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

Instrument ID: ECD_P 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	
Aroclor-1221	500	1	4.70	4.60	4.80	25133000
		2	4.79	4.69	4.89	17981400
		3	4.86	4.76	4.96	58509600
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	8.09	7.99	8.19	133245000
		2	8.41	8.31	8.51	272386000
		3	8.72	8.62	8.82	185530000
		4	8.81	8.71	8.91	134281000
		5	9.46	9.36	9.56	92460600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

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

Instrument ID: ECD_P 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	
Aroclor-1221	500	1	4.01	3.91	4.11	23124400
		2	4.09	3.99	4.19	17698400
		3	4.17	4.07	4.27	52270400
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	6.92	6.82	7.02	113028000
		2	7.18	7.08	7.28	97127000
		3	7.70	7.60	7.80	81531200
		4	7.77	7.67	7.87	140624000
		5	8.27	8.17	8.37	65083800

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: 09:51 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.00
Aroclor-1016-2	(2)	5.68	5.67	5.57	5.77	-0.01
Aroclor-1016-3	(3)	5.74	5.74	5.64	5.84	0.00
Aroclor-1016-4	(4)	5.84	5.83	5.73	5.93	-0.01
Aroclor-1016-5	(5)	6.13	6.13	6.03	6.23	0.00
Aroclor-1260-1	(1)	7.25	7.25	7.15	7.35	0.00
Aroclor-1260-2	(2)	7.50	7.50	7.40	7.60	0.00
Aroclor-1260-3	(3)	7.86	7.86	7.76	7.96	0.00
Aroclor-1260-4	(4)	8.08	8.09	7.99	8.19	0.01
Aroclor-1260-5	(5)	8.40	8.40	8.30	8.50	0.00
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.21	10.21	10.11	10.31	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: 09:51 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-3	(3)	5.08	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.42	7.42	7.32	7.52	0.00
Tetrachloro-m-xylene		3.80	3.79	3.69	3.89	-0.01
Decachlorobiphenyl		8.82	8.82	8.72	8.92	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.: AR1660CCC500 Data File : PP072203.D Time Analyzed: 09:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.654	5.552	5.752	507.610	500.000	1.5
Aroclor-1016-2	5.676	5.574	5.774	481.910	500.000	-3.6
Aroclor-1016-3	5.738	5.636	5.836	466.920	500.000	-6.6
Aroclor-1016-4	5.835	5.734	5.934	484.600	500.000	-3.1
Aroclor-1016-5	6.128	6.027	6.227	488.260	500.000	-2.3
Aroclor-1260-1	7.247	7.147	7.347	486.230	500.000	-2.8
Aroclor-1260-2	7.501	7.401	7.601	484.730	500.000	-3.1
Aroclor-1260-3	7.860	7.760	7.960	496.750	500.000	-0.7
Aroclor-1260-4	8.084	7.985	8.185	497.860	500.000	-0.4
Aroclor-1260-5	8.403	8.303	8.503	493.650	500.000	-1.3
Decachlorobiphenyl	10.212	10.113	10.313	49.190	50.000	-1.6
Tetrachloro-m-xylene	4.500	4.396	4.596	49.670	50.000	-0.7

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.: AR1660CCC500 Data File : PP072203.D Time Analyzed: 09:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.880	4.777	4.977	478.800	500.000	-4.2
Aroclor-1016-2	4.897	4.795	4.995	485.950	500.000	-2.8
Aroclor-1016-3	5.075	4.973	5.173	496.170	500.000	-0.8
Aroclor-1016-4	5.116	5.015	5.215	500.020	500.000	0.0
Aroclor-1016-5	5.331	5.229	5.429	499.920	500.000	0.0
Aroclor-1260-1	6.364	6.264	6.464	498.530	500.000	-0.3
Aroclor-1260-2	6.553	6.453	6.653	476.460	500.000	-4.7
Aroclor-1260-3	6.706	6.606	6.806	514.160	500.000	2.8
Aroclor-1260-4	7.176	7.077	7.277	508.110	500.000	1.6
Aroclor-1260-5	7.418	7.319	7.519	499.410	500.000	-0.1
Decachlorobiphenyl	8.822	8.723	8.923	49.120	50.000	-1.8
Tetrachloro-m-xylene	3.796	3.691	3.891	48.100	50.000	-3.8

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: 17:22 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.66	5.65	5.55	5.75	-0.01
Aroclor-1016-2	(2)	5.68	5.67	5.57	5.77	-0.01
Aroclor-1016-3	(3)	5.74	5.74	5.64	5.84	0.00
Aroclor-1016-4	(4)	5.84	5.83	5.73	5.93	-0.01
Aroclor-1016-5	(5)	6.13	6.13	6.03	6.23	0.00
Aroclor-1260-1	(1)	7.25	7.25	7.15	7.35	0.00
Aroclor-1260-2	(2)	7.50	7.50	7.40	7.60	0.00
Aroclor-1260-3	(3)	7.86	7.86	7.76	7.96	0.00
Aroclor-1260-4	(4)	8.08	8.09	7.99	8.19	0.01
Aroclor-1260-5	(5)	8.40	8.40	8.30	8.50	0.00
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.21	10.21	10.11	10.31	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: 17:22 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-3	(3)	5.08	5.07	4.97	5.17	-0.01
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.37	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.71	6.71	6.61	6.81	0.00
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.42	7.42	7.32	7.52	0.00
Tetrachloro-m-xylene		3.80	3.79	3.69	3.89	-0.01
Decachlorobiphenyl		8.82	8.82	8.72	8.92	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.: AR1660CCC500 Data File : PP072218.D Time Analyzed: 17:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.655	5.552	5.752	459.820	500.000	-8.0
Aroclor-1016-2	5.676	5.574	5.774	496.290	500.000	-0.7
Aroclor-1016-3	5.739	5.636	5.836	491.340	500.000	-1.7
Aroclor-1016-4	5.836	5.734	5.934	502.260	500.000	0.5
Aroclor-1016-5	6.129	6.027	6.227	507.950	500.000	1.6
Aroclor-1260-1	7.248	7.147	7.347	508.540	500.000	1.7
Aroclor-1260-2	7.502	7.401	7.601	495.550	500.000	-0.9
Aroclor-1260-3	7.860	7.760	7.960	511.200	500.000	2.2
Aroclor-1260-4	8.084	7.985	8.185	514.370	500.000	2.9
Aroclor-1260-5	8.403	8.303	8.503	512.480	500.000	2.5
Decachlorobiphenyl	10.212	10.113	10.313	50.530	50.000	1.1
Tetrachloro-m-xylene	4.502	4.396	4.596	50.020	50.000	0.0

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.: AR1660CCC500 Data File : PP072218.D Time Analyzed: 17:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.881	4.777	4.977	491.790	500.000	-1.6
Aroclor-1016-2	4.899	4.795	4.995	499.780	500.000	0.0
Aroclor-1016-3	5.076	4.973	5.173	505.010	500.000	1.0
Aroclor-1016-4	5.118	5.015	5.215	506.270	500.000	1.3
Aroclor-1016-5	5.332	5.229	5.429	519.600	500.000	3.9
Aroclor-1260-1	6.365	6.264	6.464	502.580	500.000	0.5
Aroclor-1260-2	6.554	6.453	6.653	473.990	500.000	-5.2
Aroclor-1260-3	6.707	6.606	6.806	508.080	500.000	1.6
Aroclor-1260-4	7.178	7.077	7.277	505.110	500.000	1.0
Aroclor-1260-5	7.419	7.319	7.519	497.310	500.000	-0.5
Decachlorobiphenyl	8.823	8.723	8.923	49.180	50.000	-1.6
Tetrachloro-m-xylene	3.798	3.691	3.891	50.050	50.000	0.1

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: 22:48 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.66	5.65	5.55	5.75	-0.01
Aroclor-1016-2	(2)	5.68	5.67	5.57	5.77	-0.01
Aroclor-1016-3	(3)	5.74	5.74	5.64	5.84	0.00
Aroclor-1016-4	(4)	5.84	5.83	5.73	5.93	-0.01
Aroclor-1016-5	(5)	6.13	6.13	6.03	6.23	0.00
Aroclor-1260-1	(1)	7.25	7.25	7.15	7.35	0.00
Aroclor-1260-2	(2)	7.50	7.50	7.40	7.60	0.00
Aroclor-1260-3	(3)	7.86	7.86	7.76	7.96	0.00
Aroclor-1260-4	(4)	8.08	8.09	7.99	8.19	0.01
Aroclor-1260-5	(5)	8.40	8.40	8.30	8.50	0.00
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.21	10.21	10.11	10.31	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: 22:48 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-3	(3)	5.08	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.71	6.71	6.61	6.81	0.01
Aroclor-1260-4	(4)	7.18	7.18	7.08	7.28	0.00
Aroclor-1260-5	(5)	7.42	7.42	7.32	7.52	0.00
Tetrachloro-m-xylene		3.80	3.79	3.69	3.89	-0.01
Decachlorobiphenyl		8.82	8.82	8.72	8.92	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.: CCAL03 Date Analyzed: 05/20/2025

Lab Sample No.: AR1660CCC500 Data File : PP072233.D Time Analyzed: 22:48

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.655	5.552	5.752	456.700	500.000	-8.7
Aroclor-1016-2	5.676	5.574	5.774	491.930	500.000	-1.6
Aroclor-1016-3	5.739	5.636	5.836	480.640	500.000	-3.9
Aroclor-1016-4	5.836	5.734	5.934	496.140	500.000	-0.8
Aroclor-1016-5	6.129	6.027	6.227	500.200	500.000	0.0
Aroclor-1260-1	7.247	7.147	7.347	500.850	500.000	0.2
Aroclor-1260-2	7.501	7.401	7.601	487.730	500.000	-2.5
Aroclor-1260-3	7.859	7.760	7.960	505.400	500.000	1.1
Aroclor-1260-4	8.084	7.985	8.185	510.290	500.000	2.1
Aroclor-1260-5	8.403	8.303	8.503	496.080	500.000	-0.8
Decachlorobiphenyl	10.209	10.113	10.313	49.820	50.000	-0.4
Tetrachloro-m-xylene	4.501	4.396	4.596	49.740	50.000	-0.5

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.: CCAL03 Date Analyzed: 05/20/2025

Lab Sample No.: AR1660CCC500 Data File : PP072233.D Time Analyzed: 22:48

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.880	4.777	4.977	494.880	500.000	-1.0
Aroclor-1016-2	4.898	4.795	4.995	502.110	500.000	0.4
Aroclor-1016-3	5.075	4.973	5.173	512.910	500.000	2.6
Aroclor-1016-4	5.116	5.015	5.215	513.720	500.000	2.7
Aroclor-1016-5	5.331	5.229	5.429	539.830	500.000	8.0
Aroclor-1260-1	6.364	6.264	6.464	518.550	500.000	3.7
Aroclor-1260-2	6.553	6.453	6.653	487.150	500.000	-2.6
Aroclor-1260-3	6.705	6.606	6.806	519.560	500.000	3.9
Aroclor-1260-4	7.176	7.077	7.277	514.650	500.000	2.9
Aroclor-1260-5	7.417	7.319	7.519	507.790	500.000	1.6
Decachlorobiphenyl	8.820	8.723	8.923	51.090	50.000	2.2
Tetrachloro-m-xylene	3.796	3.691	3.891	49.960	50.000	-0.1

Analytical Sequence

Client: CDM Smith	SDG No.: Q2074	
Project: South River WM Replacement	Instrument ID: ECD_P	
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 #
1.BLK	1.BLK	05/19/2025	09:26	PP072163.D	10.21	4.50
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	10.21	4.50
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	10.21	4.50
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	10.21	4.50
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	10.21	4.50
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	10.21	4.50
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	10.21	4.50
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	10.21	4.50
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	10.22	4.50
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	10.21	4.50
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	10.22	4.50
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	10.21	4.50
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	10.22	4.50
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	10.22	4.50
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	10.22	4.51
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	10.21	4.50
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	10.22	4.50
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	10.22	4.51
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	10.21	4.50
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	10.22	4.50
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	10.22	4.50
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	10.21	4.50
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	10.22	4.50
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	10.22	4.50
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	10.22	4.50
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	10.22	4.50
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	10.22	4.50
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	10.22	4.50
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	10.22	4.50
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	10.22	4.51
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	10.22	4.50
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	10.21	4.50
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	10.22	4.50
AR1660CCC500	AR1660CCC500	05/20/2025	09:51	PP072203.D	10.21	4.50
1.BLK	1.BLK	05/20/2025	10:56	PP072207.D	10.21	4.50
PB168074BL	PB168074BL	05/20/2025	13:49	PP072208.D	10.21	4.50
PB168074BS	PB168074BS	05/20/2025	14:06	PP072209.D	10.21	4.50
TP-12	Q2074-01	05/20/2025	14:22	PP072210.D	10.21	4.50
TP-7	Q2074-02	05/20/2025	14:38	PP072211.D	10.21	4.50
TP-15	Q2074-03	05/20/2025	14:55	PP072212.D	10.21	4.50
TP-20	Q2074-04	05/20/2025	15:11	PP072213.D	10.21	4.50
TP-38	Q2074-05	05/20/2025	15:27	PP072214.D	10.21	4.50

Analytical Sequence

TP-19	Q2074-06	05/20/2025	15:44	PP072215.D	10.21	4.50
TP-40	Q2074-07	05/20/2025	16:00	PP072216.D	10.21	4.50
TP-18	Q2074-08	05/20/2025	16:16	PP072217.D	10.22	4.51
AR1660CCC500	AR1660CCC500	05/20/2025	17:22	PP072218.D	10.21	4.50
IBLK	IBLK	05/20/2025	18:44	PP072222.D	10.22	4.51
PL-HRH-COMP-01MS	Q2080-01MS	05/20/2025	19:16	PP072224.D	10.21	4.50
PL-HRH-COMP-01MSD	Q2080-01MSD	05/20/2025	19:32	PP072225.D	10.21	4.50
AR1660CCC500	AR1660CCC500	05/20/2025	22:48	PP072233.D	10.21	4.50
IBLK	IBLK	05/21/2025	00:26	PP072237.D	10.21	4.50

Analytical Sequence

Client: CDM Smith	SDG No.: Q2074	
Project: South River WM Replacement	Instrument ID: ECD_P	
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	09:26	PP072163.D	8.82	3.79
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	8.82	3.79
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	8.82	3.79
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	8.82	3.79
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	8.82	3.79
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	8.82	3.79
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	8.82	3.79
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	8.82	3.80
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	8.82	3.80
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	8.82	3.80
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	8.82	3.80
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	8.83	3.80
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	8.83	3.80
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	8.83	3.80
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	8.83	3.80
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	8.83	3.80
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	8.83	3.80
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	8.83	3.80
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	8.83	3.80
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	8.83	3.80
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	8.83	3.80
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	8.83	3.80
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	8.83	3.80
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	8.83	3.80
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	8.83	3.80
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	8.83	3.80
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	8.83	3.80
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	8.82	3.80
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	8.82	3.80
AR1660CCC500	AR1660CCC500	05/20/2025	09:51	PP072203.D	8.82	3.80
IBLK	IBLK	05/20/2025	10:56	PP072207.D	8.82	3.80
PB168074BL	PB168074BL	05/20/2025	13:49	PP072208.D	8.82	3.80
PB168074BS	PB168074BS	05/20/2025	14:06	PP072209.D	8.82	3.80
TP-12	Q2074-01	05/20/2025	14:22	PP072210.D	8.82	3.80
TP-7	Q2074-02	05/20/2025	14:38	PP072211.D	8.82	3.80
TP-15	Q2074-03	05/20/2025	14:55	PP072212.D	8.82	3.80
TP-20	Q2074-04	05/20/2025	15:11	PP072213.D	8.82	3.80
TP-38	Q2074-05	05/20/2025	15:27	PP072214.D	8.82	3.80

Analytical Sequence

TP-19	Q2074-06	05/20/2025	15:44	PP072215.D	8.82	3.80
TP-40	Q2074-07	05/20/2025	16:00	PP072216.D	8.82	3.80
TP-18	Q2074-08	05/20/2025	16:16	PP072217.D	8.82	3.80
AR1660CCC500	AR1660CCC500	05/20/2025	17:22	PP072218.D	8.82	3.80
IBLK	IBLK	05/20/2025	18:44	PP072222.D	8.82	3.80
PL-HRH-COMP-01MS	Q2080-01MS	05/20/2025	19:16	PP072224.D	8.82	3.80
PL-HRH-COMP-01MSD	Q2080-01MSD	05/20/2025	19:32	PP072225.D	8.82	3.80
AR1660CCC500	AR1660CCC500	05/20/2025	22:48	PP072233.D	8.82	3.80
IBLK	IBLK	05/21/2025	00:26	PP072237.D	8.82	3.80

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168074BS

Contract: CAMP02

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

Lab Sample ID: PB168074BS Date(s) Analyzed: 05/20/2025 05/20/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP072209.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.654	5.604	5.704	130	138	2.15
COLUMN 1	2	5.675	5.625	5.725	145		
	3	5.738	5.688	5.788	138		
	4	5.835	5.785	5.885	142		
	5	6.128	6.078	6.178	137		
	1	4.88	4.83	4.93	140		
COLUMN 2	2	4.898	4.848	4.948	141	141	
	3	5.075	5.025	5.125	144		
	4	5.117	5.067	5.167	143		
	5	5.331	5.281	5.381	139		
Aroclor-1260	1	7.247	7.197	7.297	150	140	0.72
COLUMN 1	2	7.5	7.45	7.55	149		
	3	7.859	7.809	7.909	129		
	4	8.083	8.033	8.133	140		
	5	8.402	8.352	8.452	132		
	1	6.364	6.314	6.414	146		
COLUMN 2	2	6.553	6.503	6.603	137	139	
	3	6.705	6.655	6.755	153		
	4	7.176	7.126	7.226	132		
	5	7.417	7.367	7.467	128		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PL-HRH-COMP-01MS

Contract: CAMP02

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

Lab Sample ID: Q2080-01MS Date(s) Analyzed: 05/20/2025 05/20/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP072224.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.655	5.605	5.705	158	168	0
COLUMN 1	2	5.677	5.627	5.727	173		
	3	5.739	5.689	5.789	165		
	4	5.836	5.786	5.886	174		
	5	6.128	6.078	6.178	169		
	1	4.88	4.83	4.93	168		
COLUMN 2	2	4.898	4.848	4.948	167	168	
	3	5.075	5.025	5.125	172		
	4	5.117	5.067	5.167	169		
	5	5.331	5.281	5.381	167		
Aroclor-1260	1	7.247	7.197	7.297	169	153	4.47
COLUMN 1	2	7.501	7.451	7.551	162		
	3	7.859	7.809	7.909	140		
	4	8.083	8.033	8.133	155		
	5	8.404	8.354	8.454	142		
	1	6.365	6.315	6.415	173	160	
COLUMN 2	2	6.553	6.503	6.603	158		
	3	6.705	6.655	6.755	172		
	4	7.176	7.126	7.226	151		
	5	7.418	7.368	7.468	146		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PL-HRH-COMP-01MSD

Contract: CAMP02

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

Lab Sample ID: Q2080-01MSD Date(s) Analyzed: 05/20/2025 05/20/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP072225.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.655	5.605	5.705	172	177	1.12
COLUMN 1	2	5.676	5.626	5.726	180		
	3	5.739	5.689	5.789	176		
	4	5.836	5.786	5.886	181		
	5	6.129	6.079	6.179	179		
	1	4.88	4.83	4.93	178		
COLUMN 2	2	4.899	4.849	4.949	178	179	
	3	5.076	5.026	5.126	182		
	4	5.117	5.067	5.167	179		
	5	5.332	5.282	5.382	177		
Aroclor-1260	1	7.247	7.197	7.297	179	162	4.23
COLUMN 1	2	7.501	7.451	7.551	171		
	3	7.86	7.81	7.91	149		
	4	8.082	8.032	8.132	162		
	5	8.403	8.353	8.453	151		
	1	6.365	6.315	6.415	182	169	
COLUMN 2	2	6.553	6.503	6.603	167		
	3	6.706	6.656	6.756	184		
	4	7.177	7.127	7.227	157		
	5	7.419	7.369	7.469	153		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 14:22
 Operator : YP\AJ
 Sample : Q2074-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-12

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 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 03:15:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.500	3.797	34406384	30773328	17.111m	19.253
2) SA Decachlor...	10.211	8.821	26871914	18441644	16.495	17.421

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 14:22
Operator : YP\AJ
Sample : Q2074-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

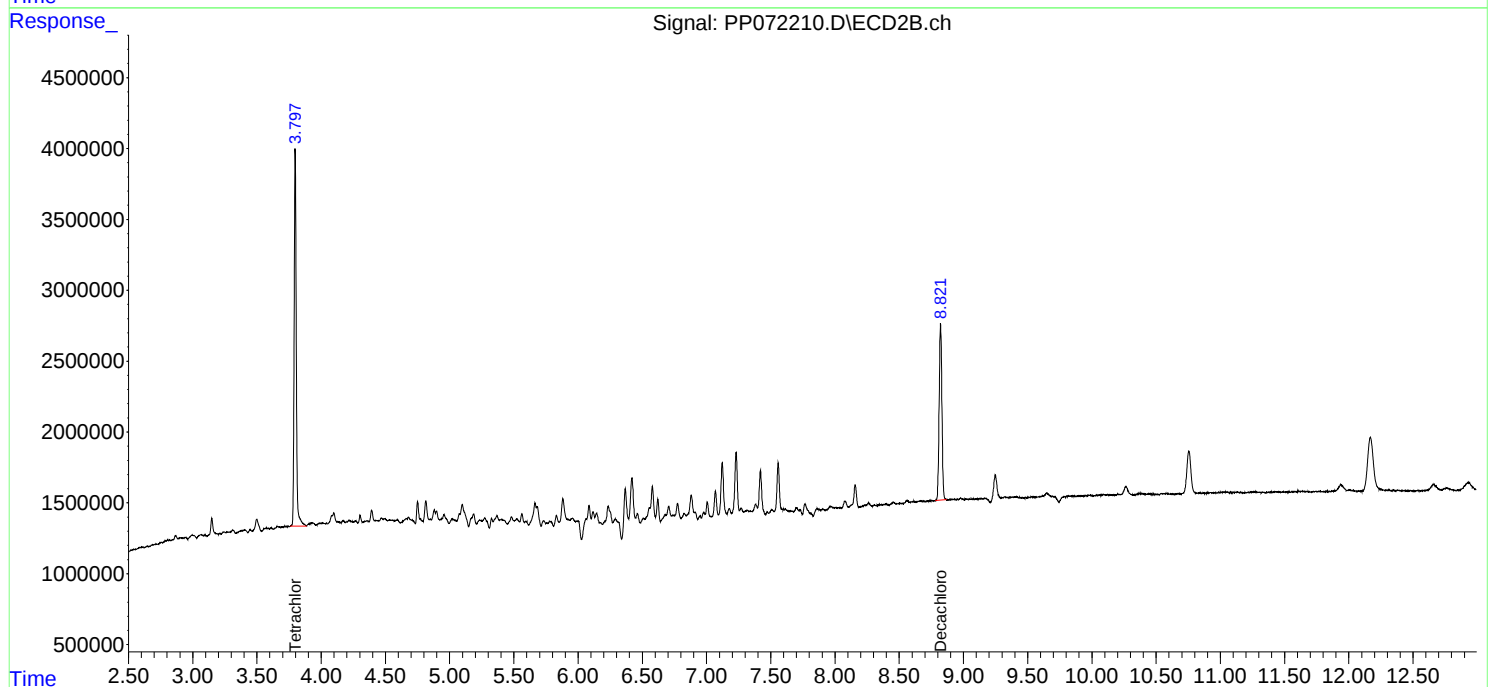
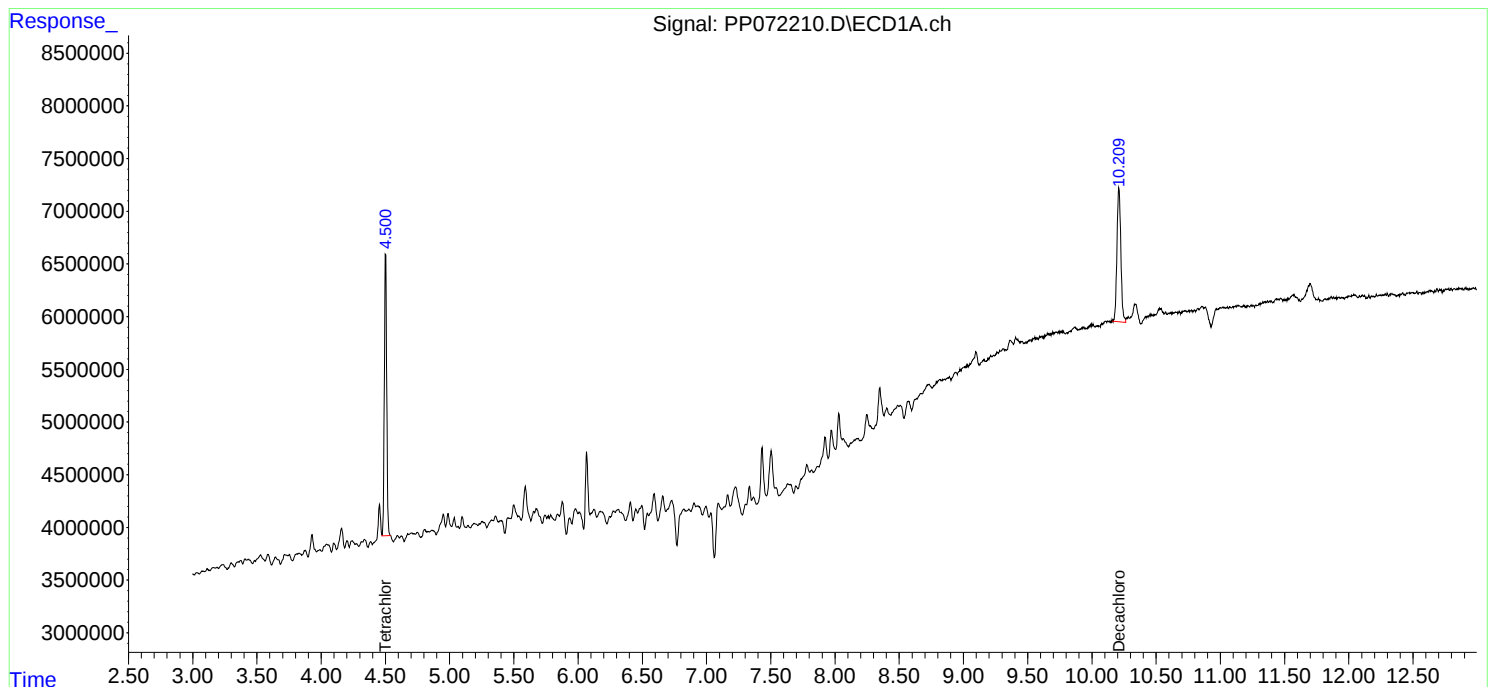
Instrument :
ECD_P
ClientSampleId :
TP-12

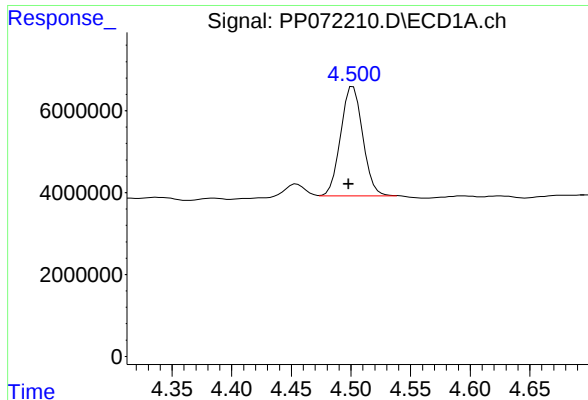
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 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 03:15:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





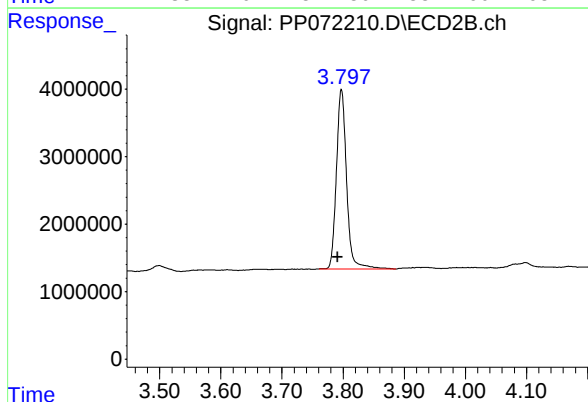
#1 Tetrachloro-m-xylene

R.T.: 4.500 min
Delta R.T.: 0.002 min
Response: 34406384
Conc: 17.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-12

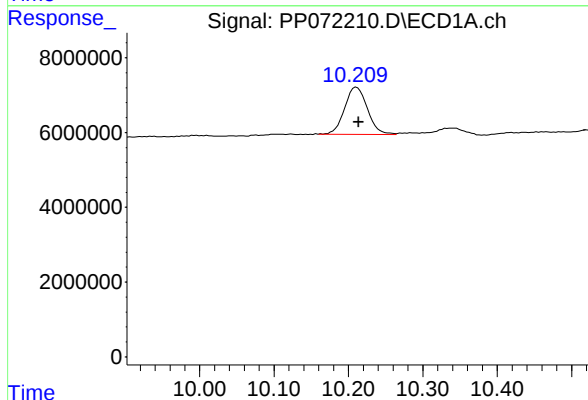
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/21/2025
Supervised By :mohammad ahmed 05/22/2025



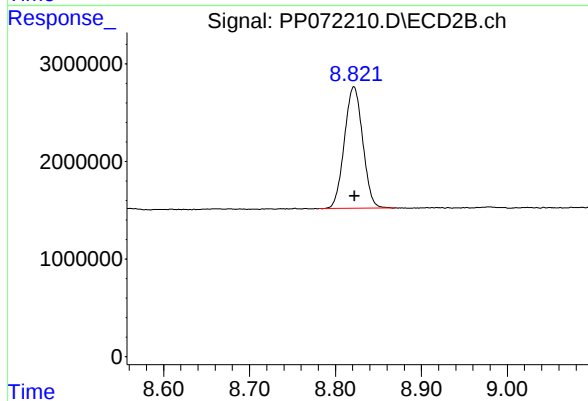
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.006 min
Response: 30773328
Conc: 19.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.211 min
Delta R.T.: -0.003 min
Response: 26871914
Conc: 16.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 18441644
Conc: 17.42 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 14:38
 Operator : YP\AJ
 Sample : Q2074-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-7

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 03:15:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.504	3.797	42641147	34568823	21.206	21.628
2) SA Decachlor...	10.214	8.821	33280172	22261521	20.428	21.029

Target Compounds

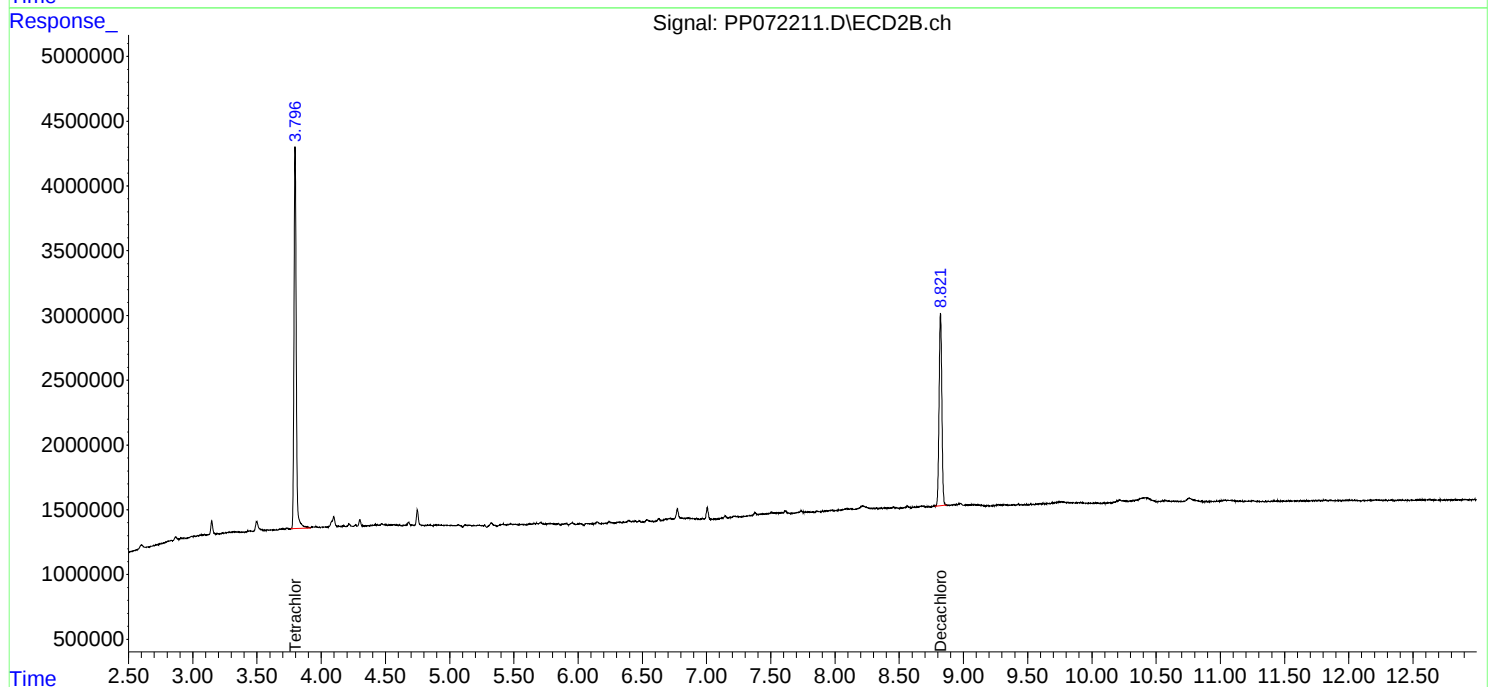
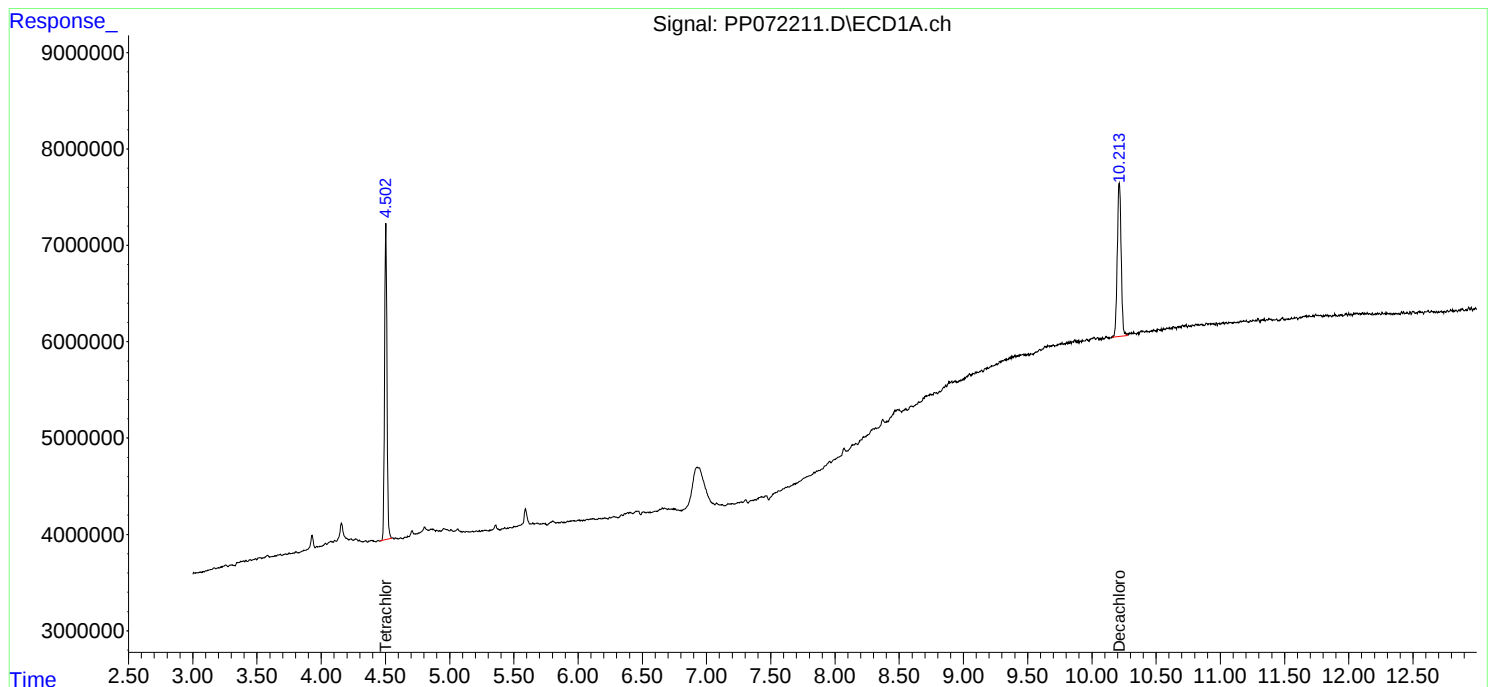
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

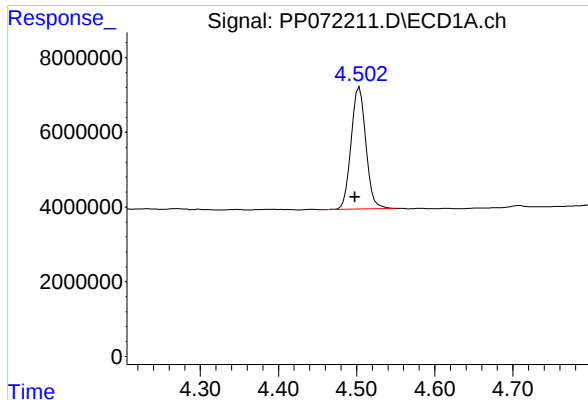
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 14:38
Operator : YP\AJ
Sample : Q2074-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:15:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

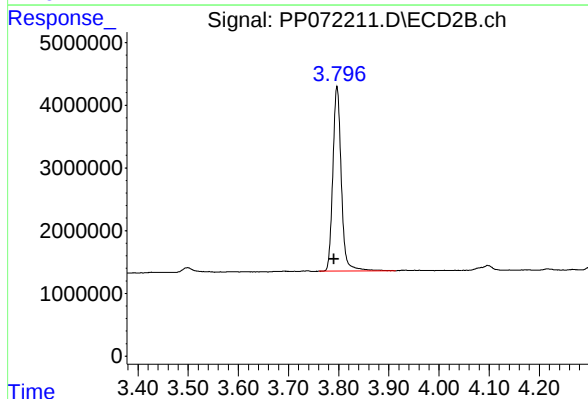




#1 Tetrachloro-m-xylene

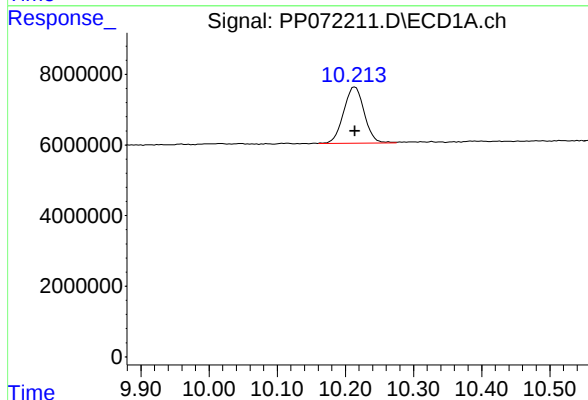
R.T.: 4.504 min
Delta R.T.: 0.006 min
Response: 42641147
Conc: 21.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-7



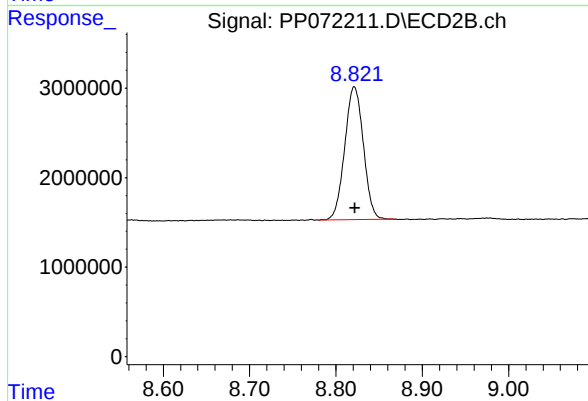
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.006 min
Response: 34568823
Conc: 21.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 33280172
Conc: 20.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 22261521
Conc: 21.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 14:55
 Operator : YP\AJ
 Sample : Q2074-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-15

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 03:16:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.500	3.798	36791094	29988607	18.297	18.762
2) SA Decachlor...	10.209	8.821	23581726	16864080	14.475	15.931

Target Compounds

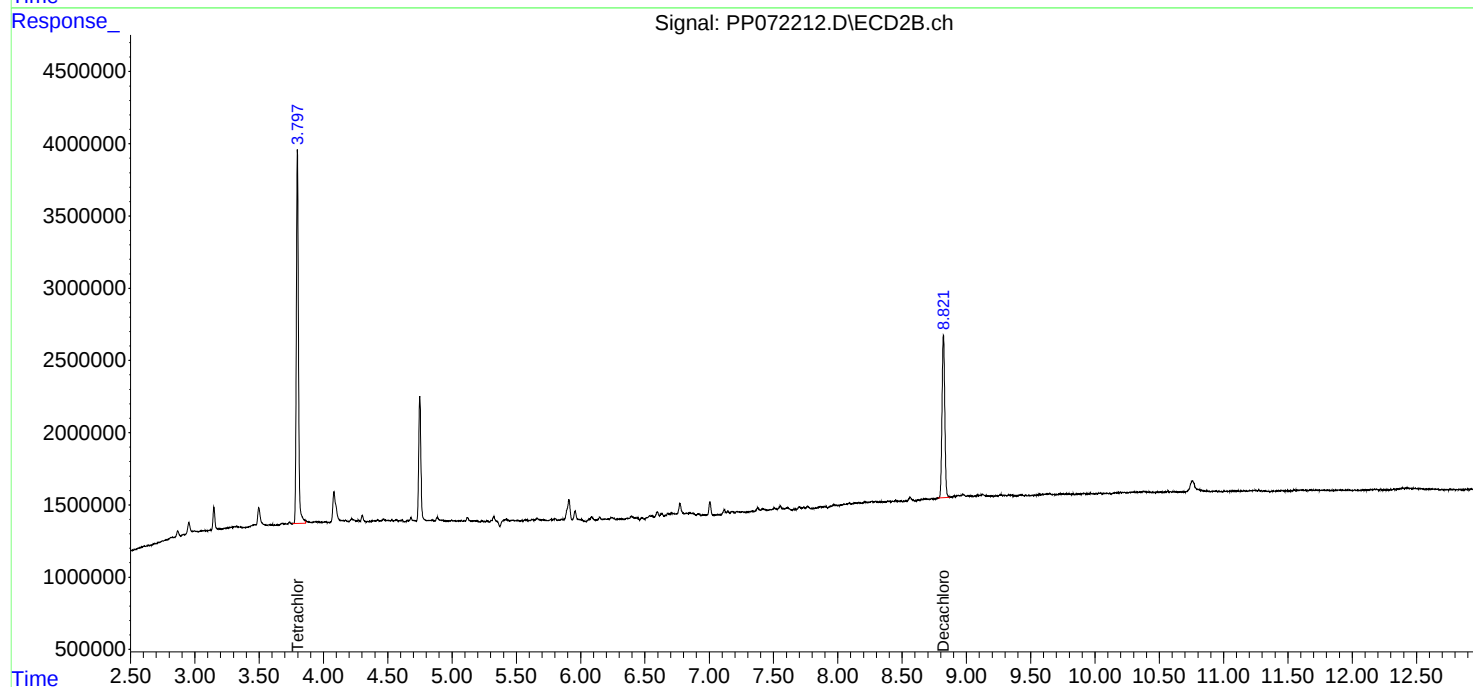
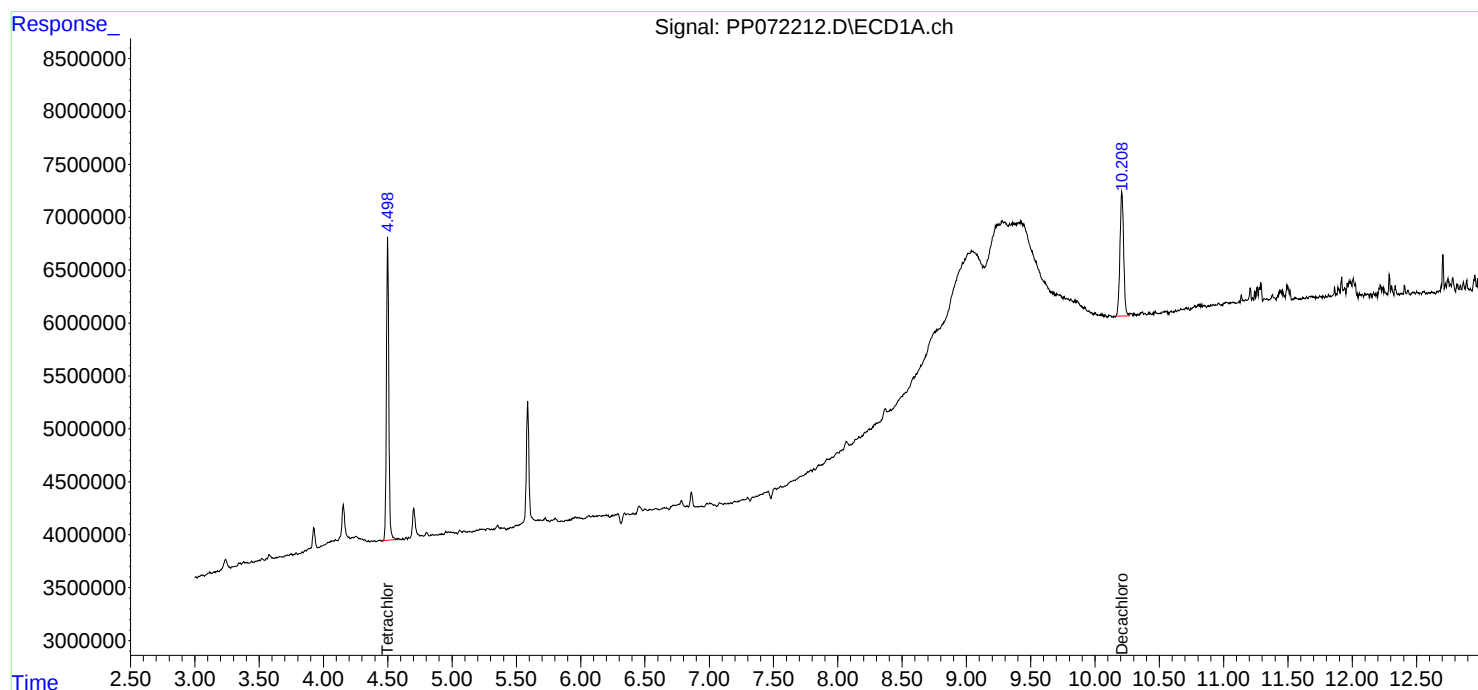
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

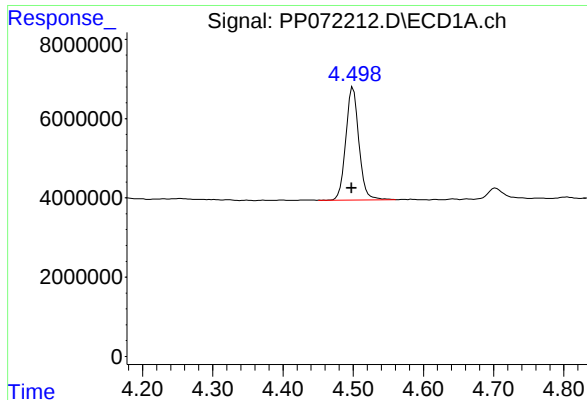
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 14:55
Operator : YP\AJ
Sample : Q2074-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-15

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:16:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

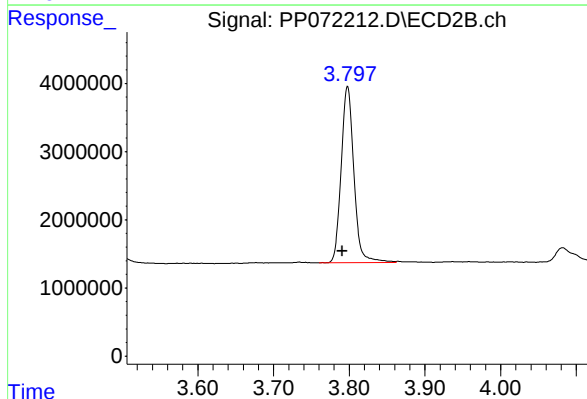




#1 Tetrachloro-m-xylene

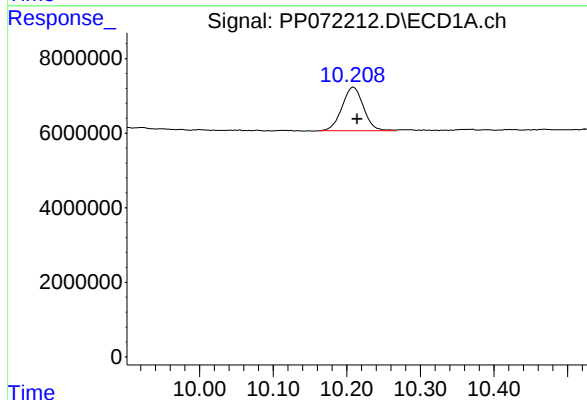
R.T.: 4.500 min
Delta R.T.: 0.002 min
Response: 36791094
Conc: 18.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-15



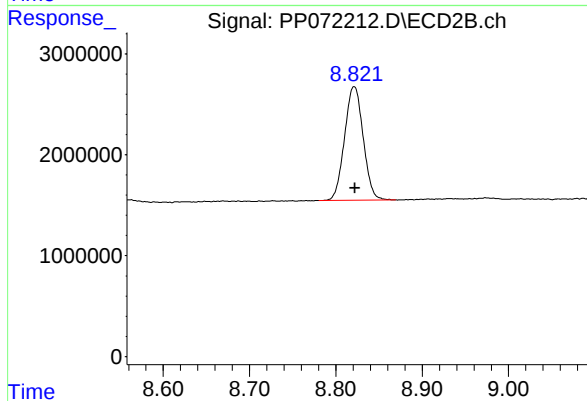
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.007 min
Response: 29988607
Conc: 18.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.209 min
Delta R.T.: -0.005 min
Response: 23581726
Conc: 14.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 16864080
Conc: 15.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 15:11
 Operator : YP\AJ
 Sample : Q2074-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

TP-20

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 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 03:16:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.503	3.797	36410297	29423800	18.107m	18.409
2) SA Decachlor...	10.214	8.821	28053947	19190228	17.220	18.128

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 15:11
Operator : YP\AJ
Sample : Q2074-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

TP-20

Manual Integrations

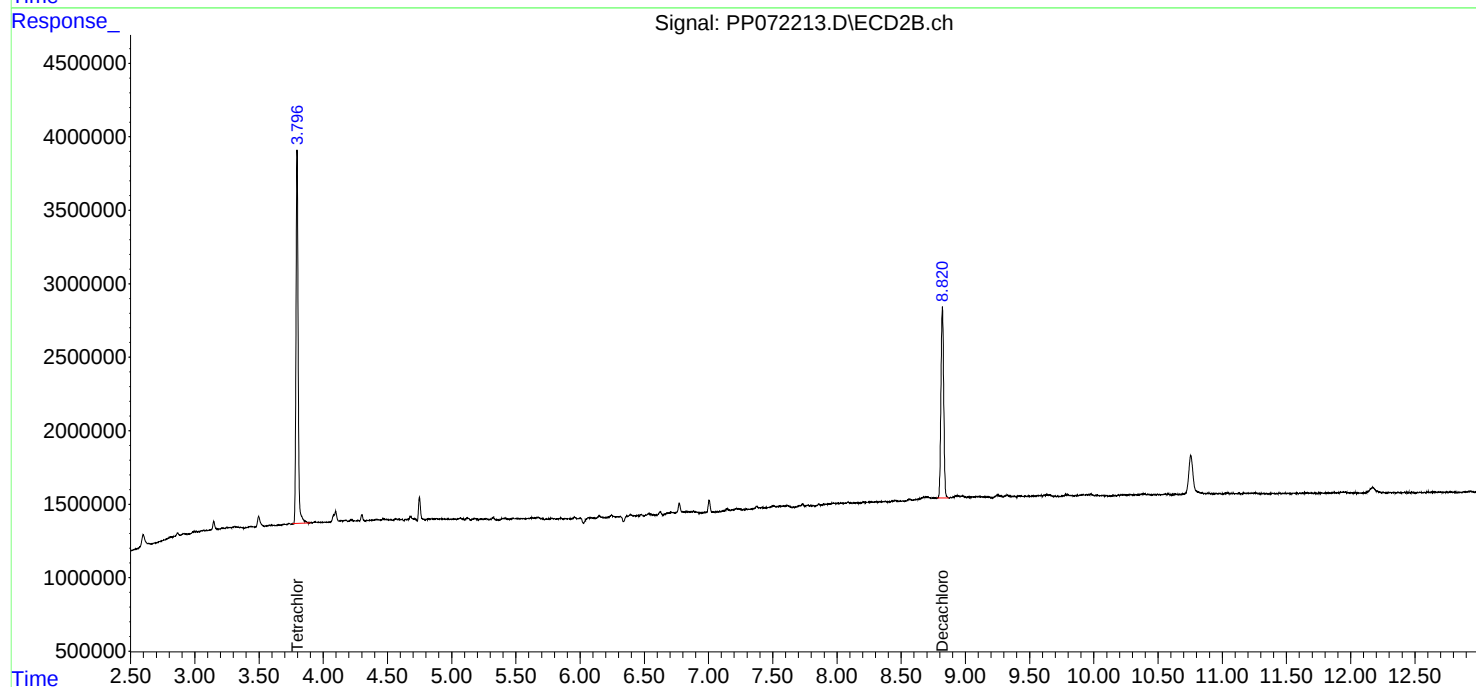
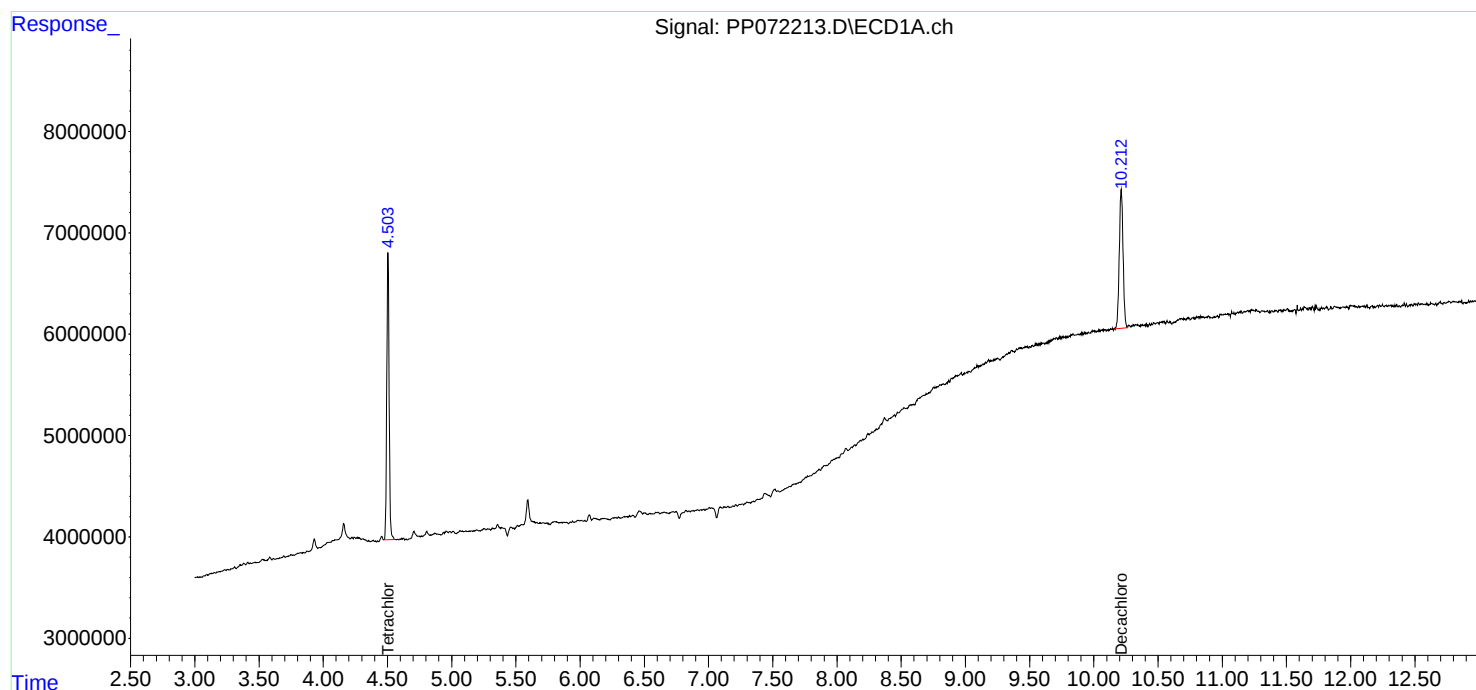
APPROVED

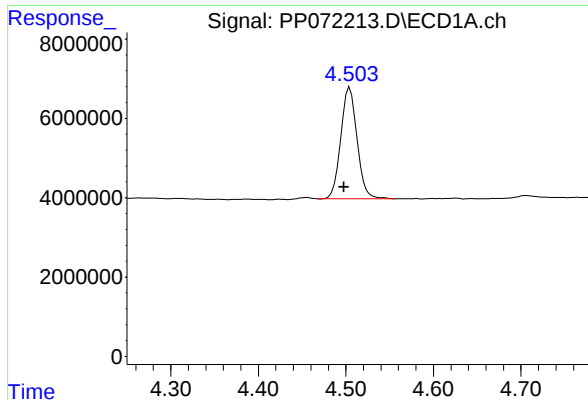
Reviewed By :Yogesh Patel 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:16:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 4.503 min
Delta R.T.: 0.005 min
Response: 36410297
Conc: 18.11 ng/ml

Instrument :

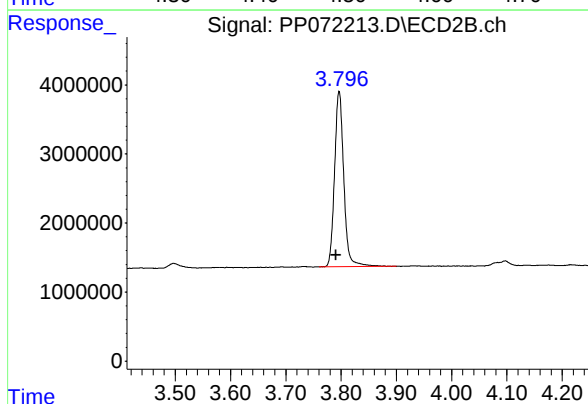
ECD_P

ClientSampleId :

TP-20

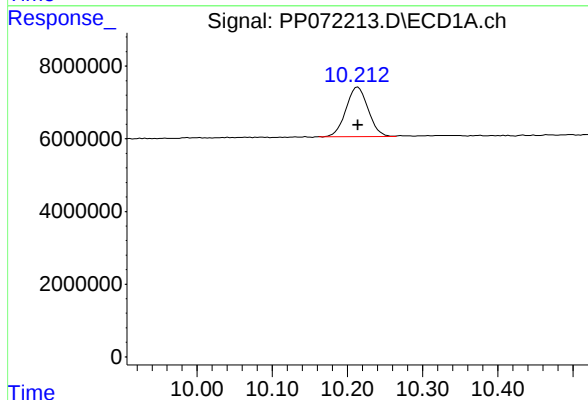
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/21/2025
Supervised By :mohammad ahmed 05/22/2025



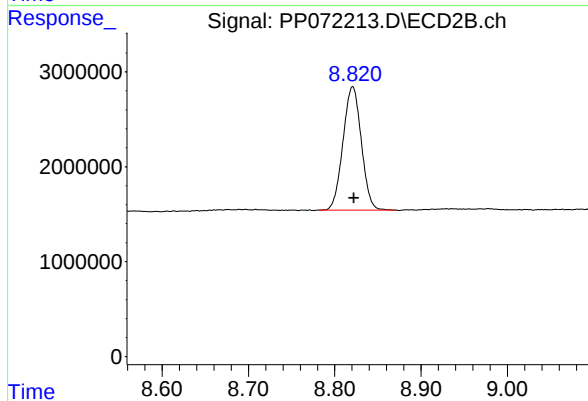
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.005 min
Response: 29423800
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 28053947
Conc: 17.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: -0.001 min
Response: 19190228
Conc: 18.13 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 15:27
Operator : YP\AJ
Sample : Q2074-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-38

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.502	3.798	34355044	29679006	17.085	18.568
2) SA Decachlor...	10.212	8.822	23345886	17003595	14.330	16.062

Target Compounds

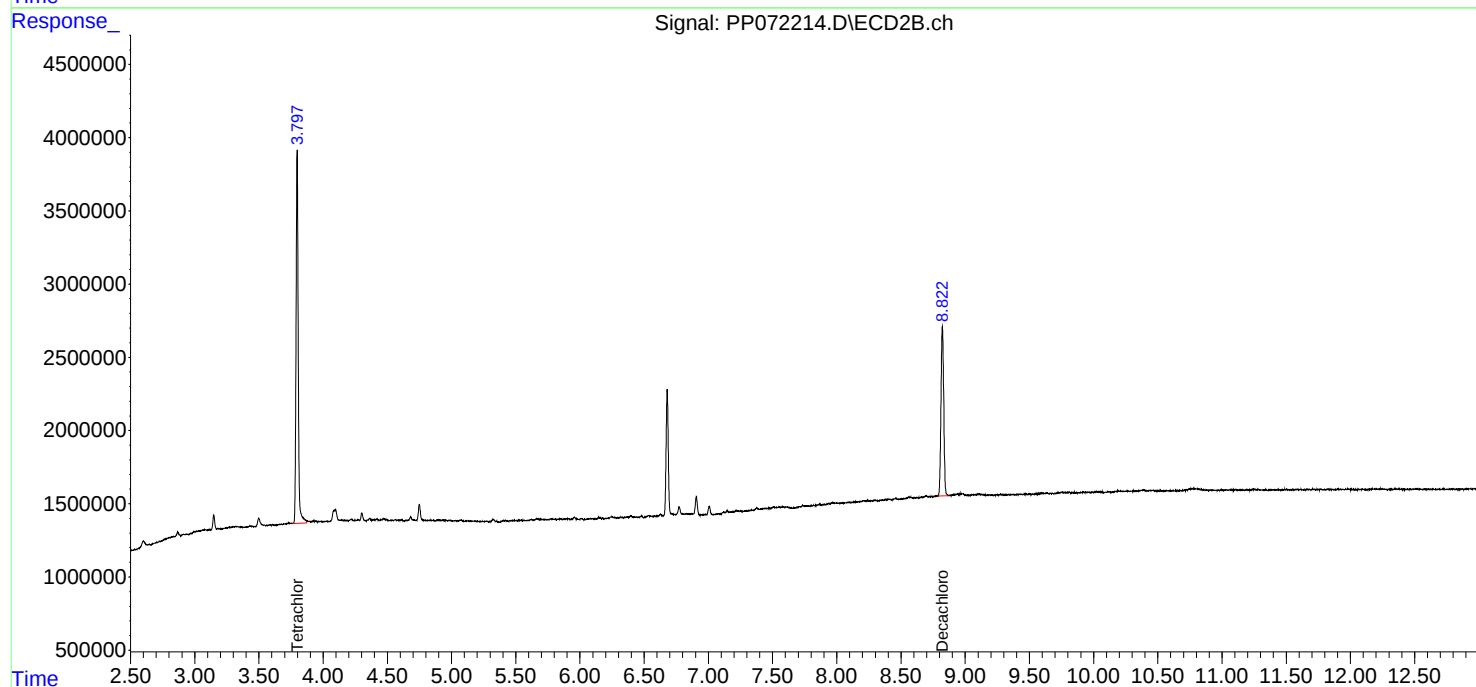
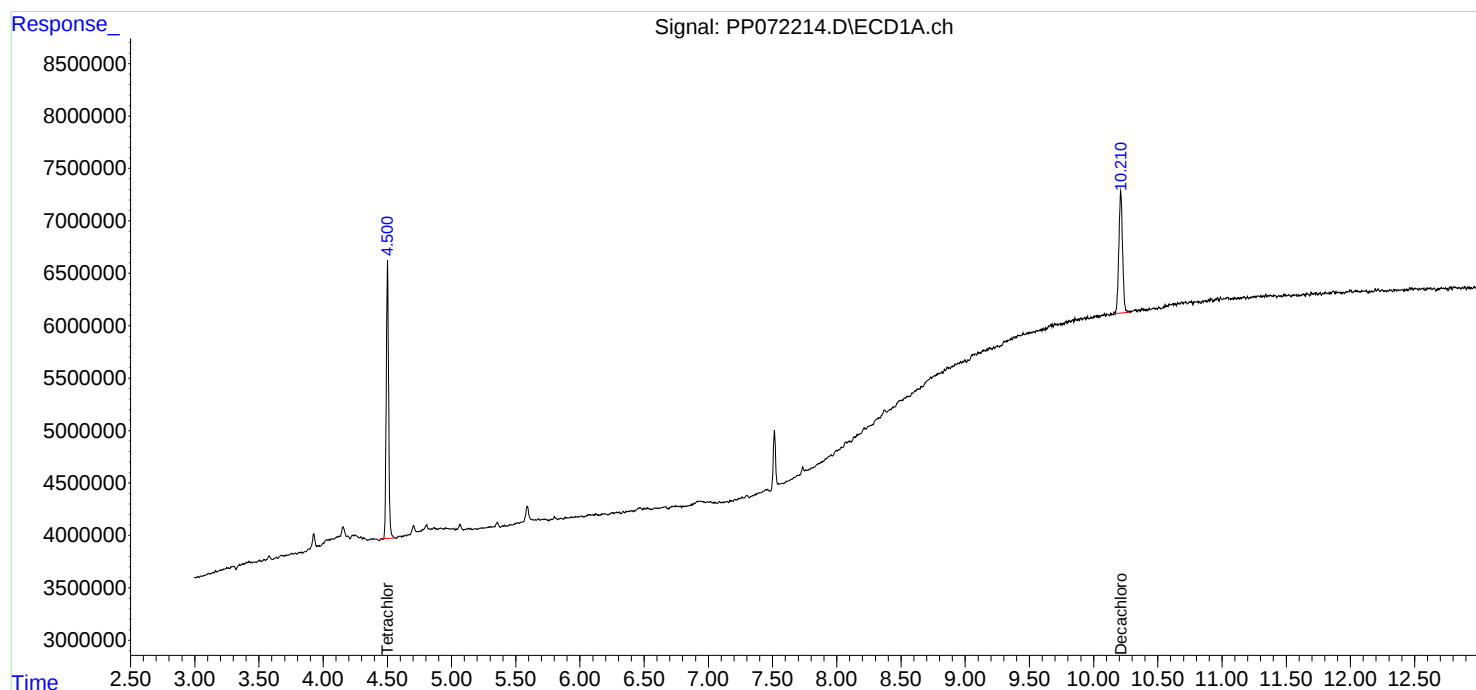
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

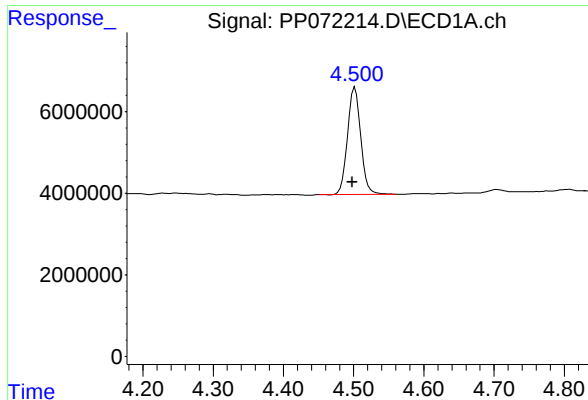
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 15:27
Operator : YP\AJ
Sample : Q2074-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-38

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

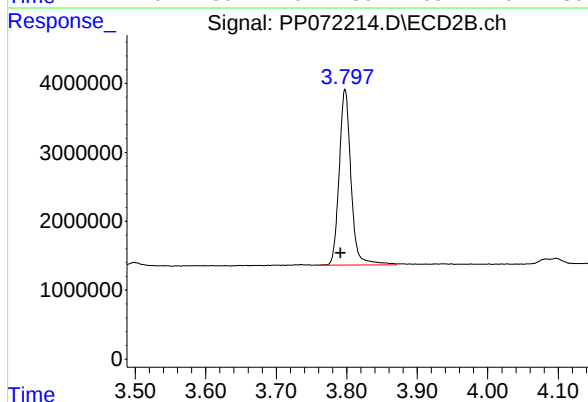




#1 Tetrachloro-m-xylene

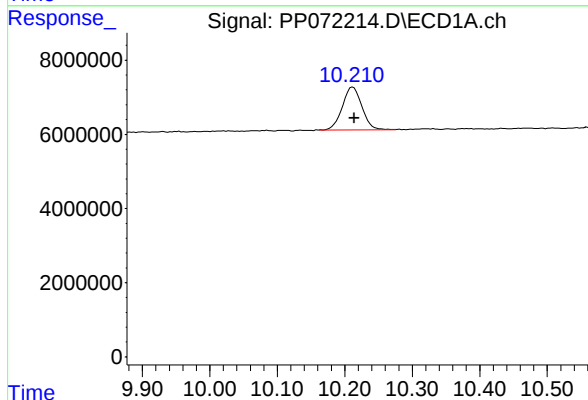
R.T.: 4.502 min
Delta R.T.: 0.004 min
Response: 34355044
Conc: 17.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-38



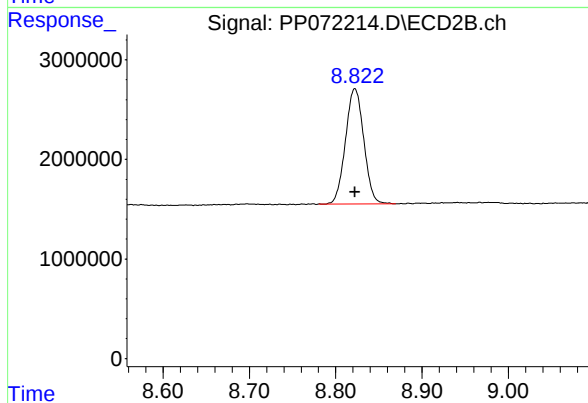
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.007 min
Response: 29679006
Conc: 18.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.212 min
Delta R.T.: -0.002 min
Response: 23345886
Conc: 14.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 17003595
Conc: 16.06 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 15:44
 Operator : YP\AJ
 Sample : Q2074-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-19

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:16:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.502	3.797	36328466	30006623	18.067	18.773
2) SA Decachlor...	10.212	8.822	26175128	18242182	16.067	17.232

Target Compounds

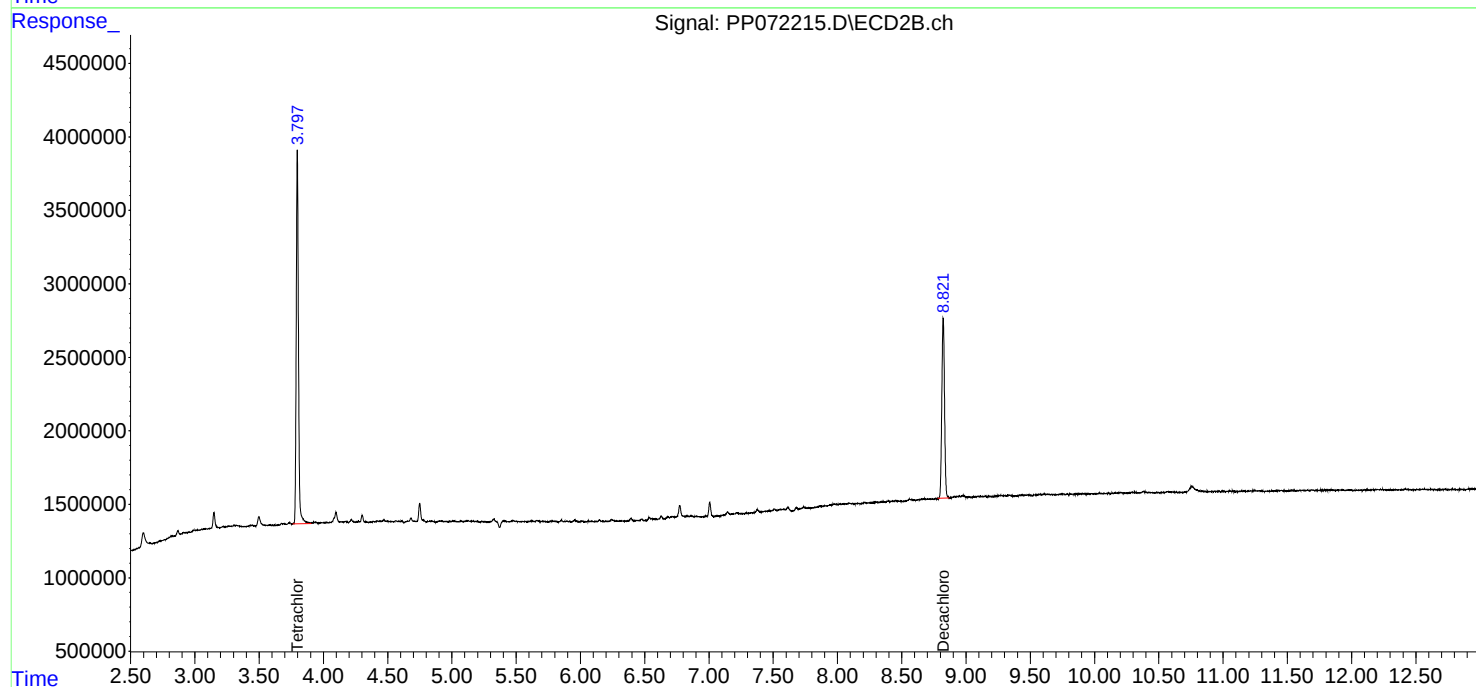
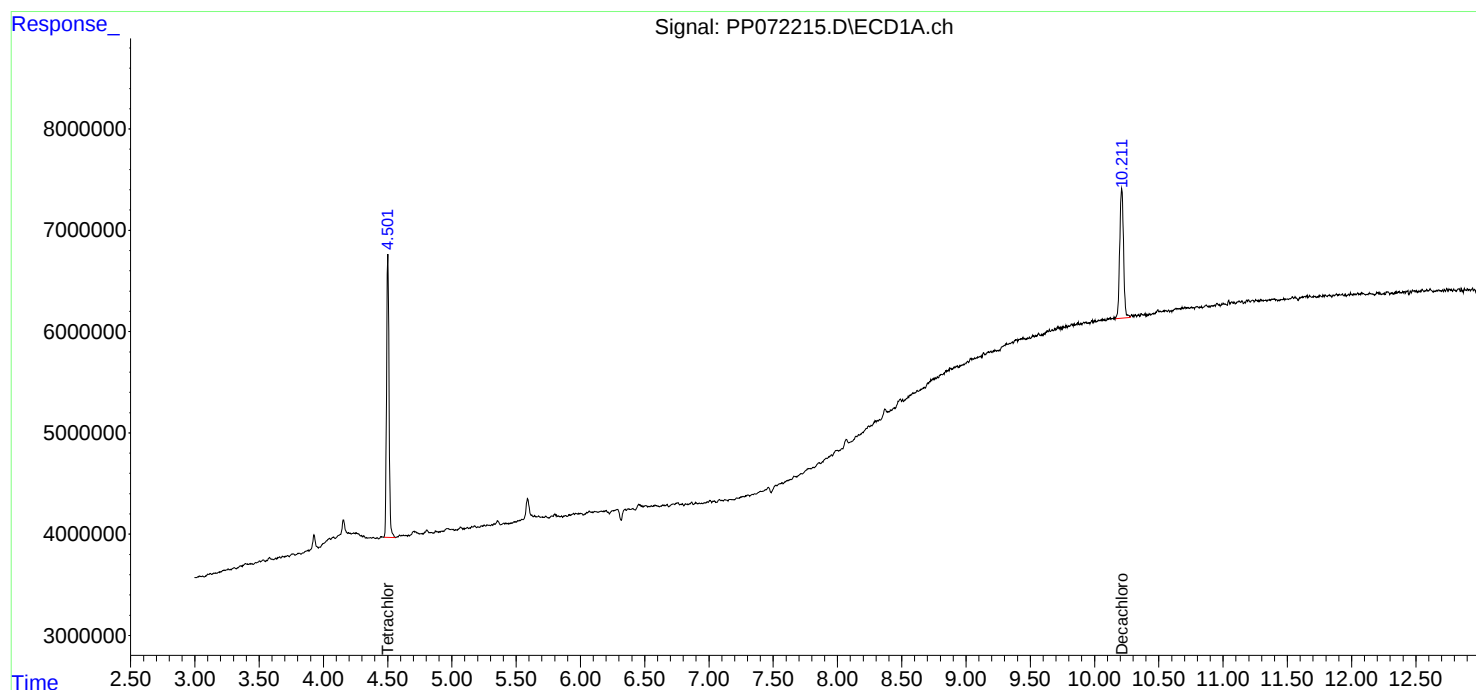
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

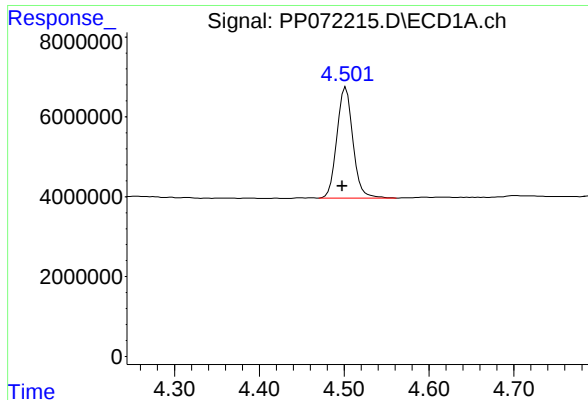
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 15:44
Operator : YP\AJ
Sample : Q2074-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-19

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:16:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

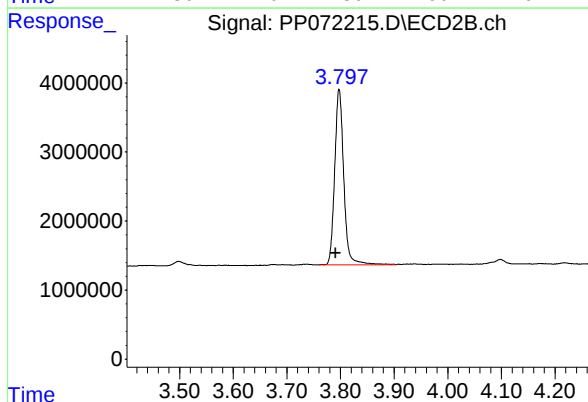




#1 Tetrachloro-m-xylene

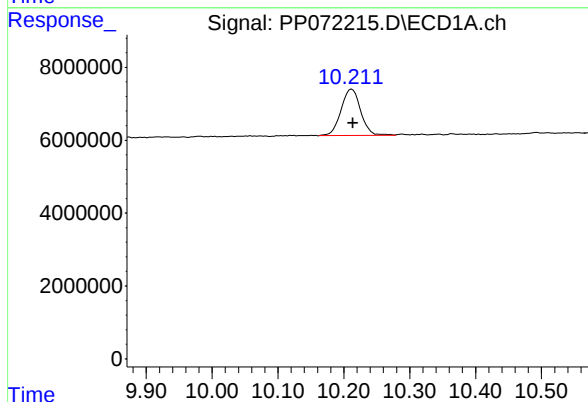
R.T.: 4.502 min
Delta R.T.: 0.004 min
Response: 36328466
Conc: 18.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-19



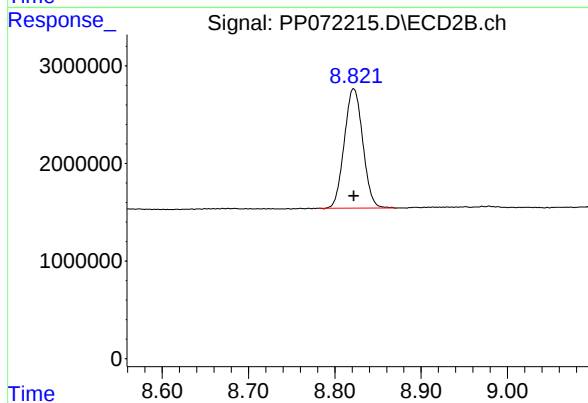
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.006 min
Response: 30006623
Conc: 18.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.212 min
Delta R.T.: -0.002 min
Response: 26175128
Conc: 16.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 18242182
Conc: 17.23 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072216.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 16:00
 Operator : YP\AJ
 Sample : Q2074-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-40

A

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:17:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.502	3.798	38362656	32277093	19.078	20.194
2) SA Decachlor...	10.210	8.821	26350959	17493194	16.175	16.525

Target Compounds

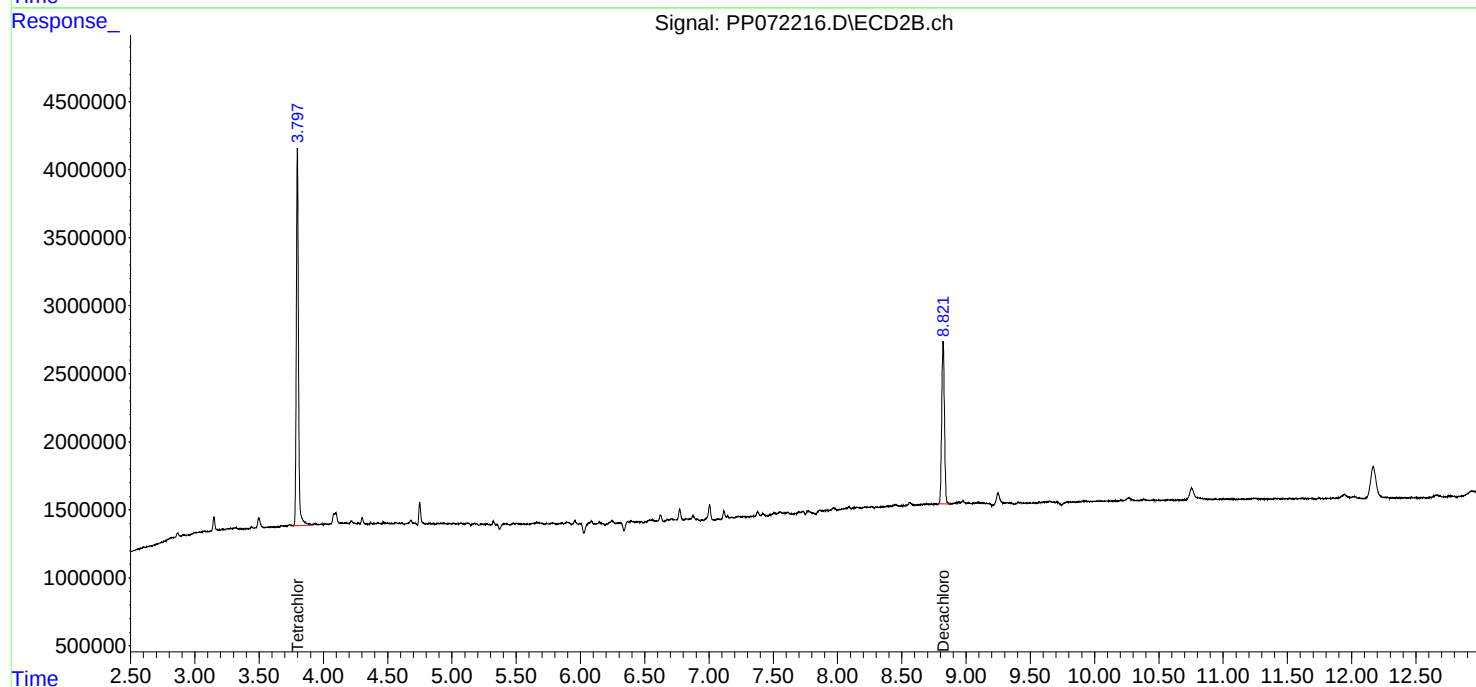
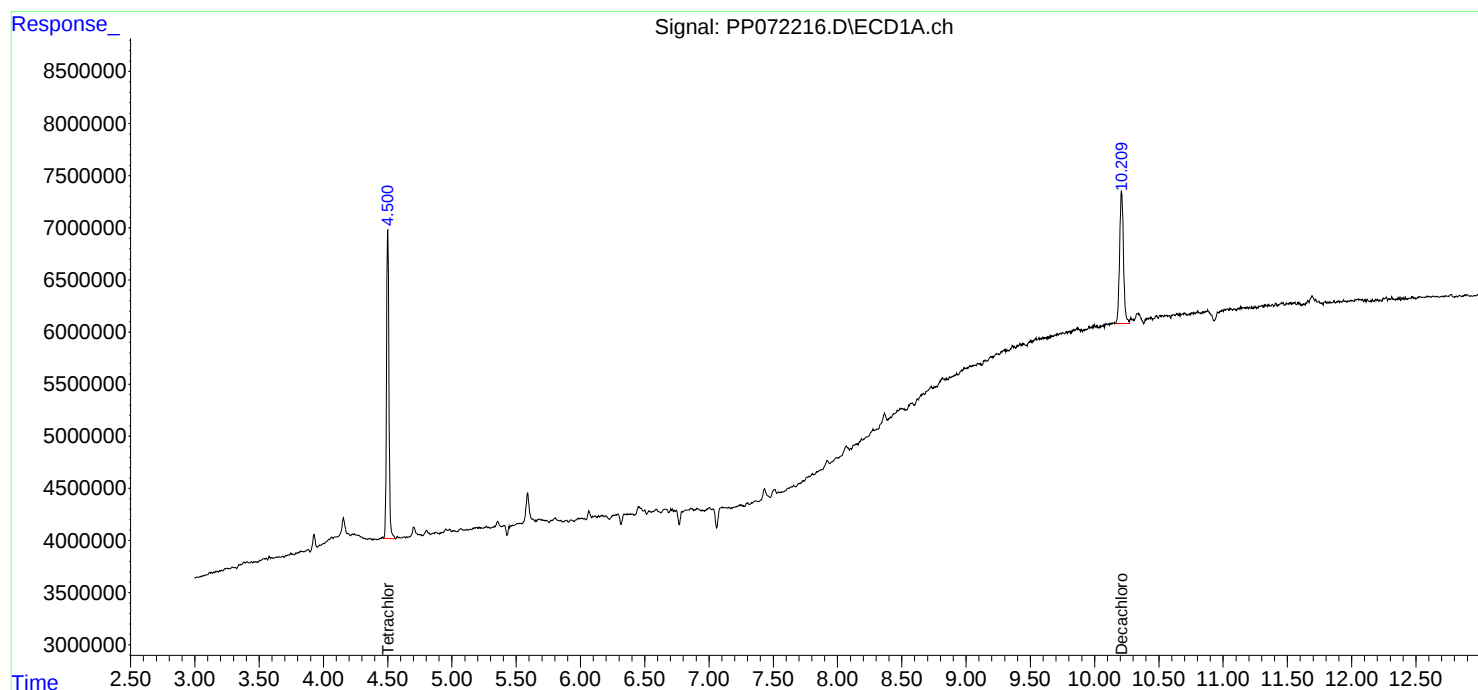
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

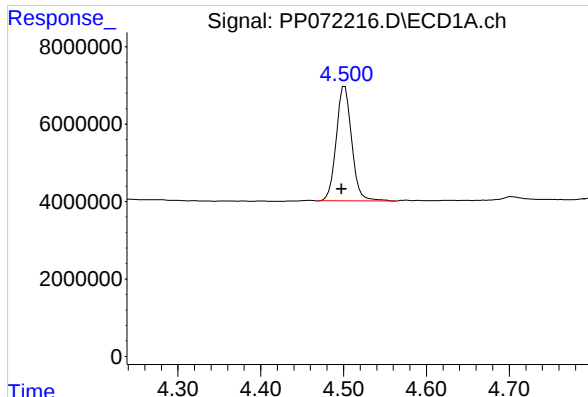
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 16:00
Operator : YP\AJ
Sample : Q2074-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-40

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:17:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

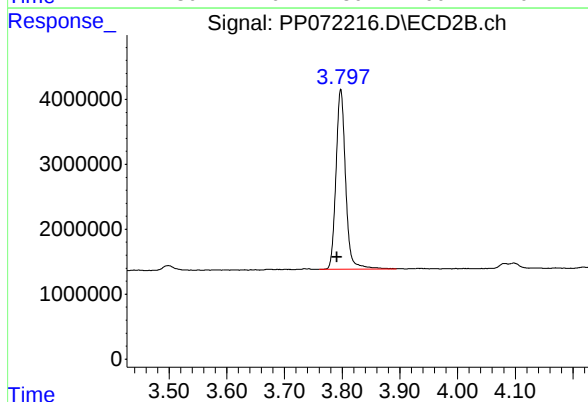




#1 Tetrachloro-m-xylene

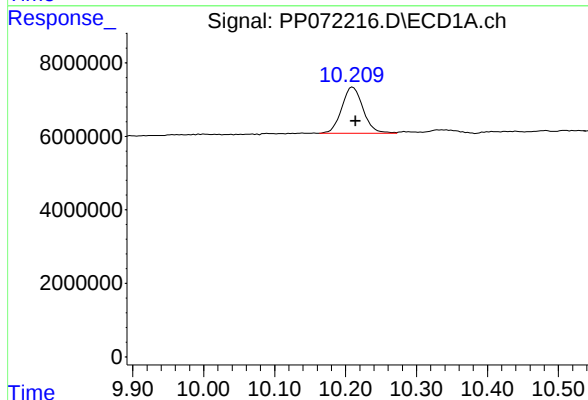
R.T.: 4.502 min
Delta R.T.: 0.004 min
Response: 38362656
Conc: 19.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-40



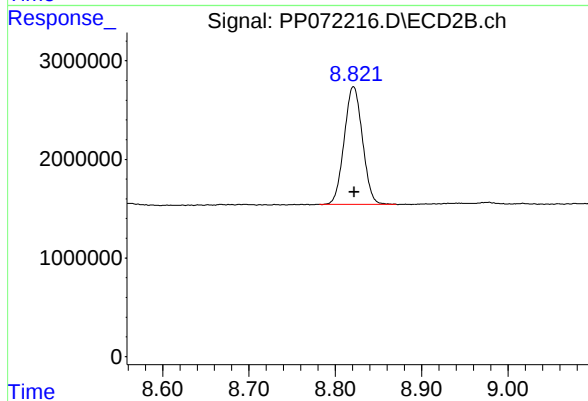
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.006 min
Response: 32277093
Conc: 20.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.210 min
Delta R.T.: -0.004 min
Response: 26350959
Conc: 16.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 17493194
Conc: 16.52 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072217.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 16:16
 Operator : YP\AJ
 Sample : Q2074-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-18

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:17:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.505	3.798	36121686	29815431	17.964	18.654
2) SA Decachlor...	10.216	8.823	25603222	17337055	15.716	16.377

Target Compounds

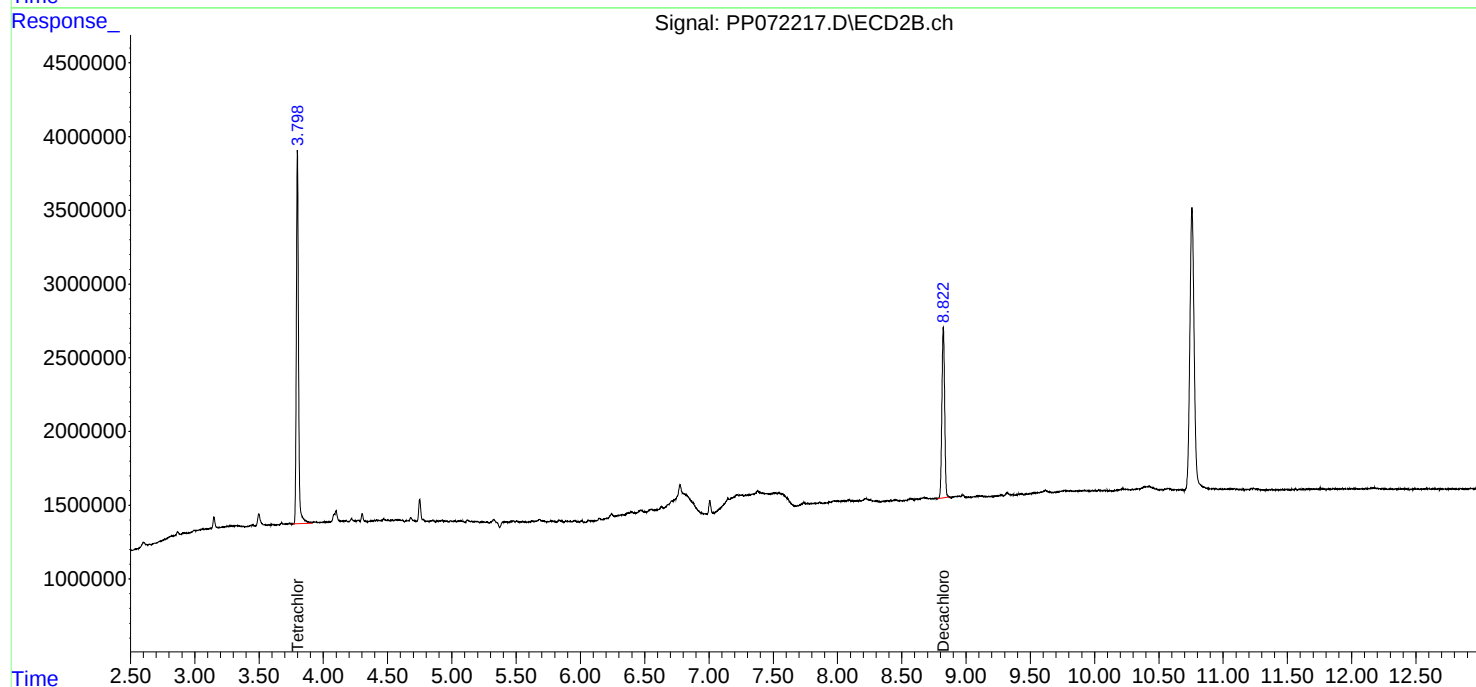
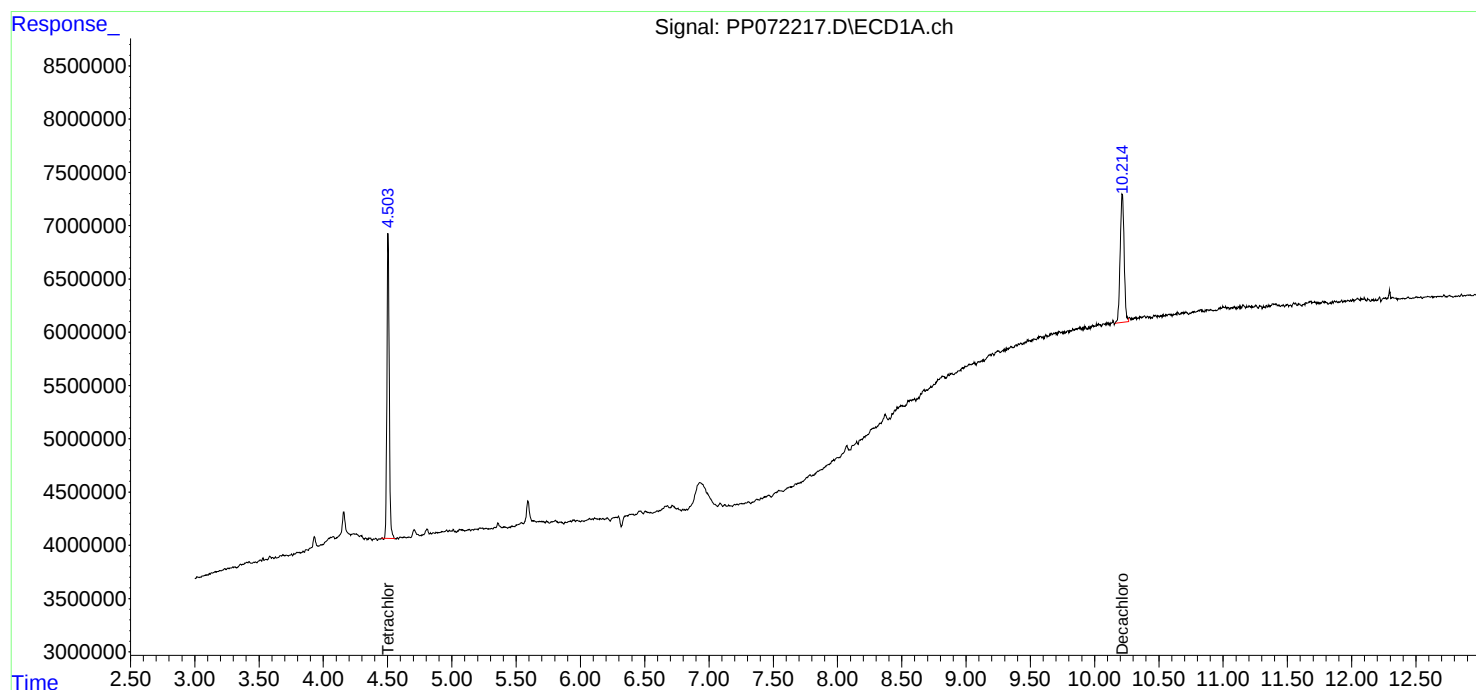
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

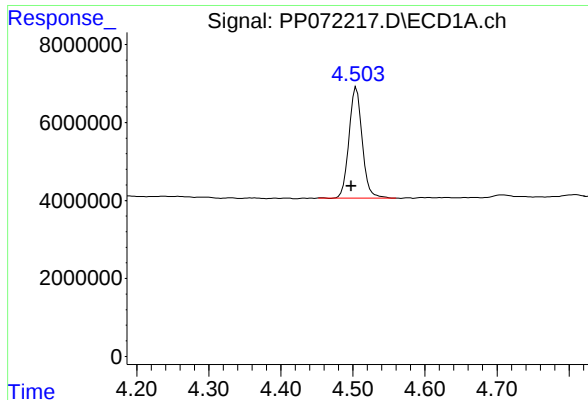
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 16:16
Operator : YP\AJ
Sample : Q2074-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-18

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:17:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

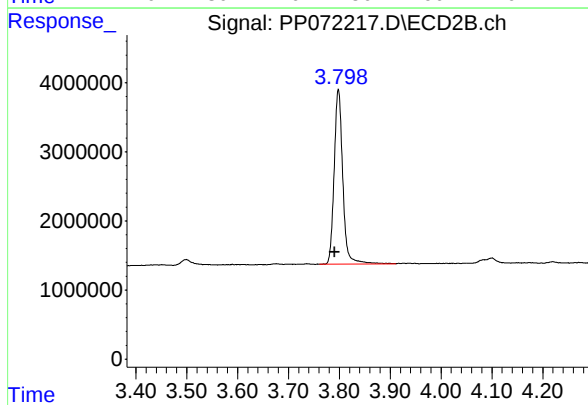




#1 Tetrachloro-m-xylene

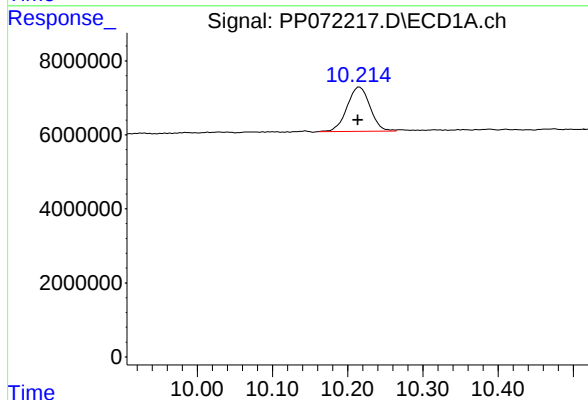
R.T.: 4.505 min
Delta R.T.: 0.007 min
Response: 36121686
Conc: 17.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-18



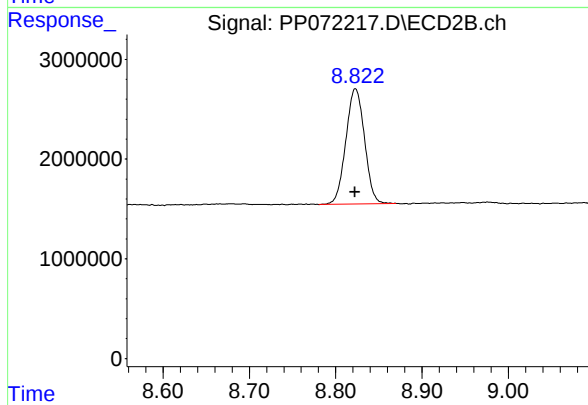
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.007 min
Response: 29815431
Conc: 18.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.216 min
Delta R.T.: 0.002 min
Response: 25603222
Conc: 15.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 17337055
Conc: 16.38 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072208.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 13:49
 Operator : YP\AJ
 Sample : PB168074BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168074BL

A
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:15:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.501	3.797	37629628	31425776	18.714	19.661
2) SA Decachlor...	10.212	8.821	31357143	21123924	19.248	19.955

Target Compounds

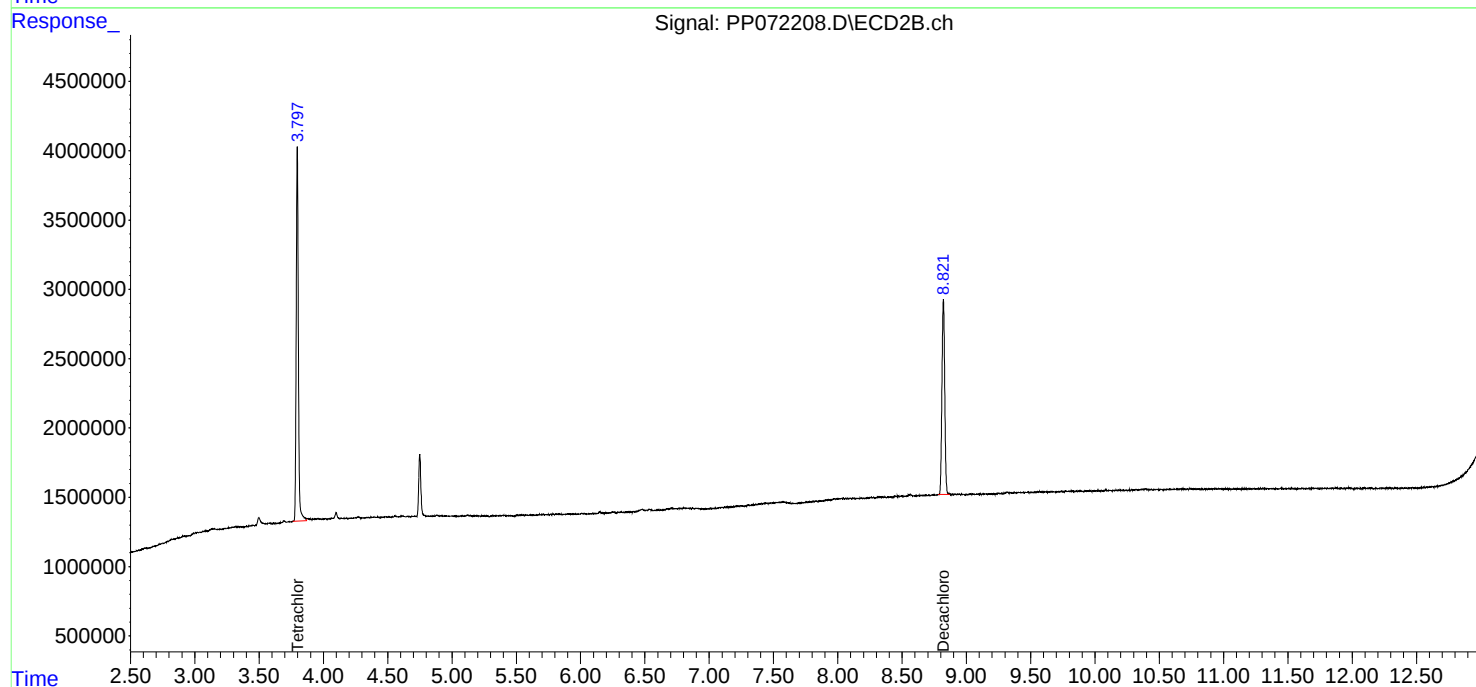
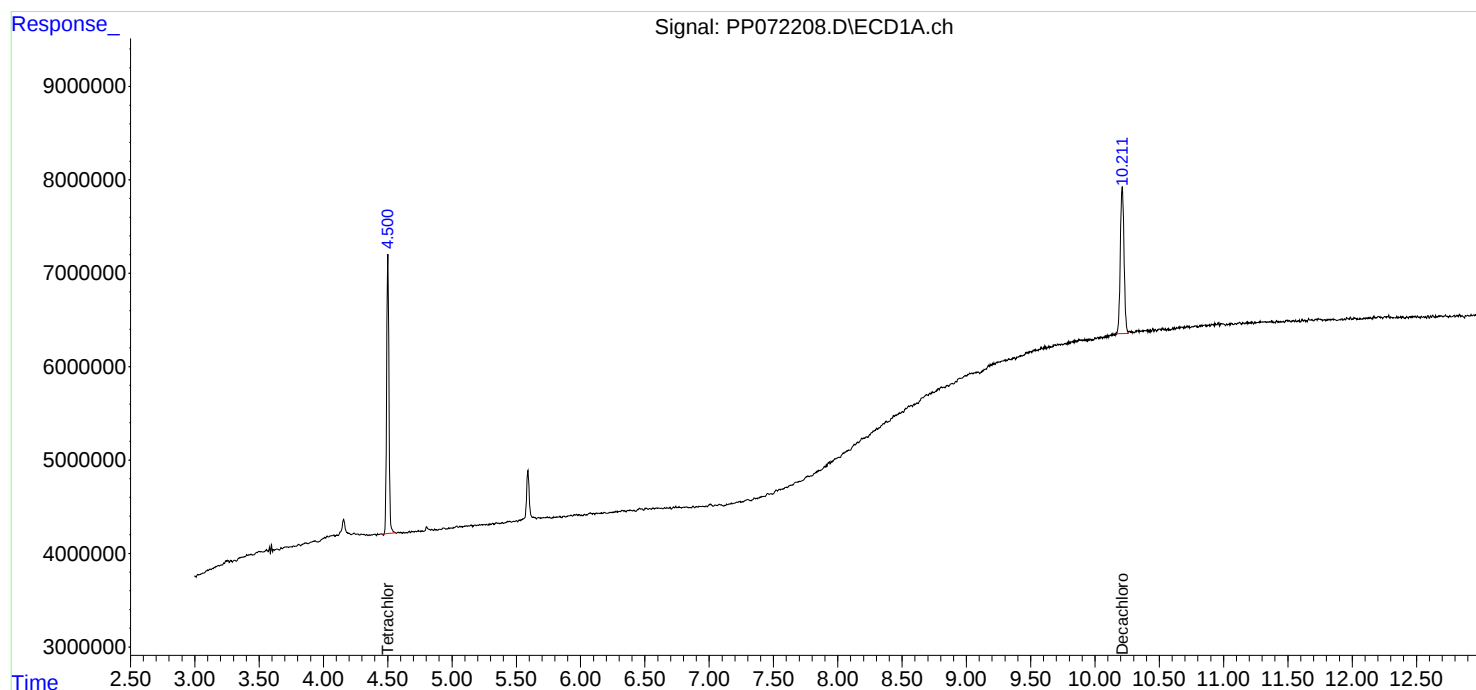
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

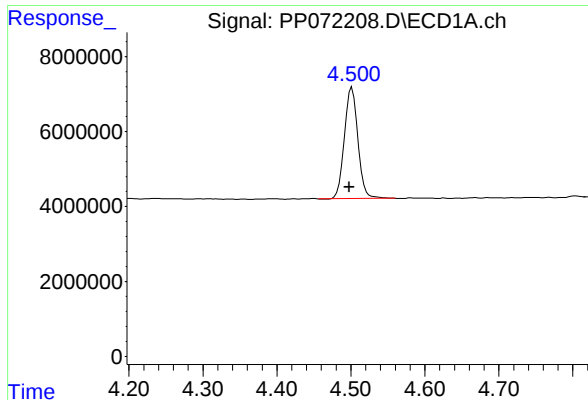
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 13:49
Operator : YP\AJ
Sample : PB168074BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168074BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:15:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

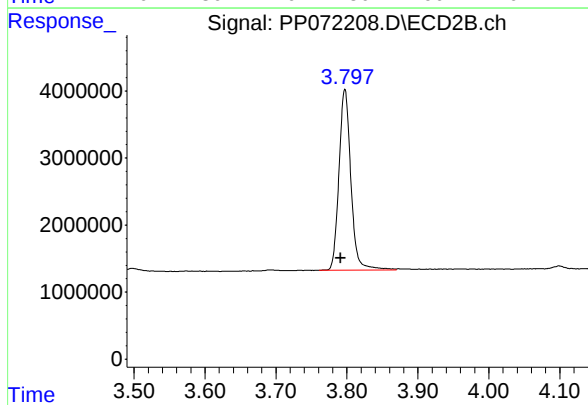




#1 Tetrachloro-m-xylene

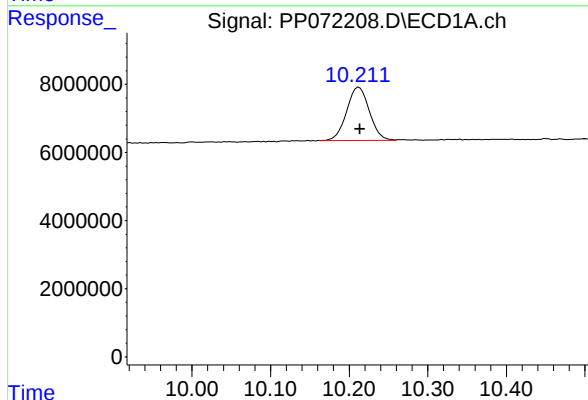
R.T.: 4.501 min
Delta R.T.: 0.003 min
Response: 37629628
Conc: 18.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168074BL



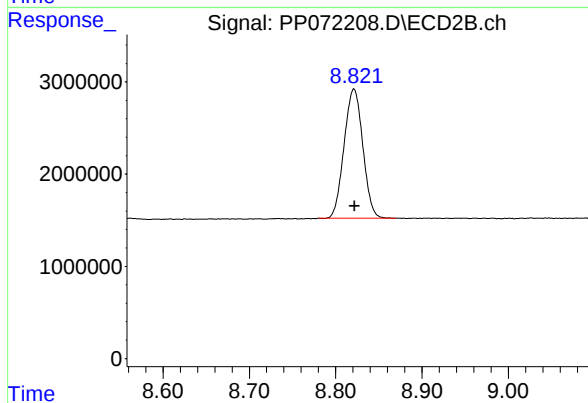
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.006 min
Response: 31425776
Conc: 19.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.212 min
Delta R.T.: -0.002 min
Response: 31357143
Conc: 19.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 21123924
Conc: 19.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 14:06
 Operator : YP\AJ
 Sample : PB168074BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB168074BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 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 03:15:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.501	3.796	40615976	30428200	20.199	19.037
2) SA Decachlor...	10.210	8.820	33128303	22206227	20.335	20.977
Target Compounds						
3) L1 AR-1016-1	5.654	4.880	29265074	25864520	389.766	421.044
4) L1 AR-1016-2	5.675	4.898	46721951	37054325	436.688	422.082
5) L1 AR-1016-3	5.738	5.075	27121215	20610388	413.654	432.496
6) L1 AR-1016-4	5.835	5.117	22637029	16349505	424.949	429.738
7) L1 AR-1016-5	6.128	5.331	20163569	20755351	412.265	416.570
31) L7 AR-1260-1	7.247	6.364	42228208	35044741	451.181	439.412m
32) L7 AR-1260-2	7.500	6.553	64104090	41671042	446.750	410.867
33) L7 AR-1260-3	7.859	6.705	44039649	39996106	386.751	460.242m
34) L7 AR-1260-4	8.083	7.176	44951229	28525488	418.920	395.688m
35) L7 AR-1260-5	8.402	7.417	93529273	66643079	395.202	383.836m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 14:06
Operator : YP\AJ
Sample : PB168074BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB168074BS

Manual Integrations

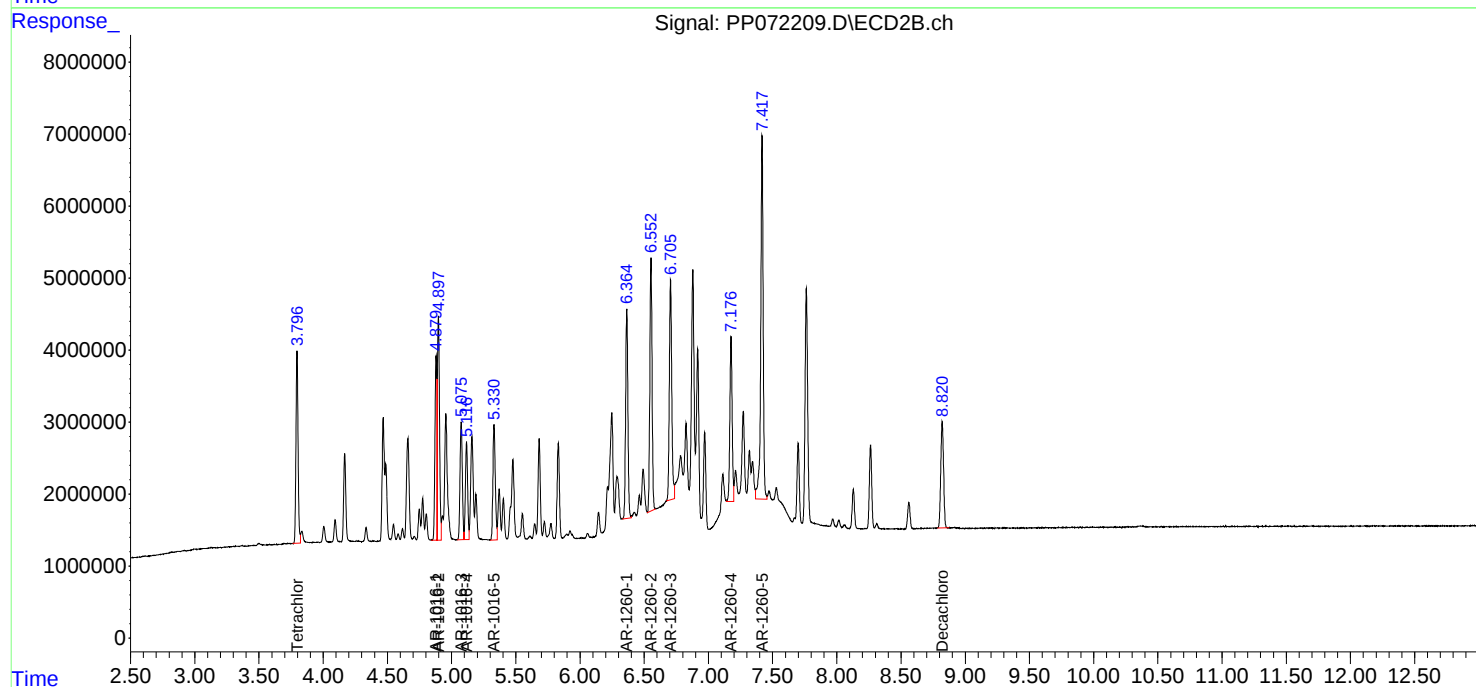
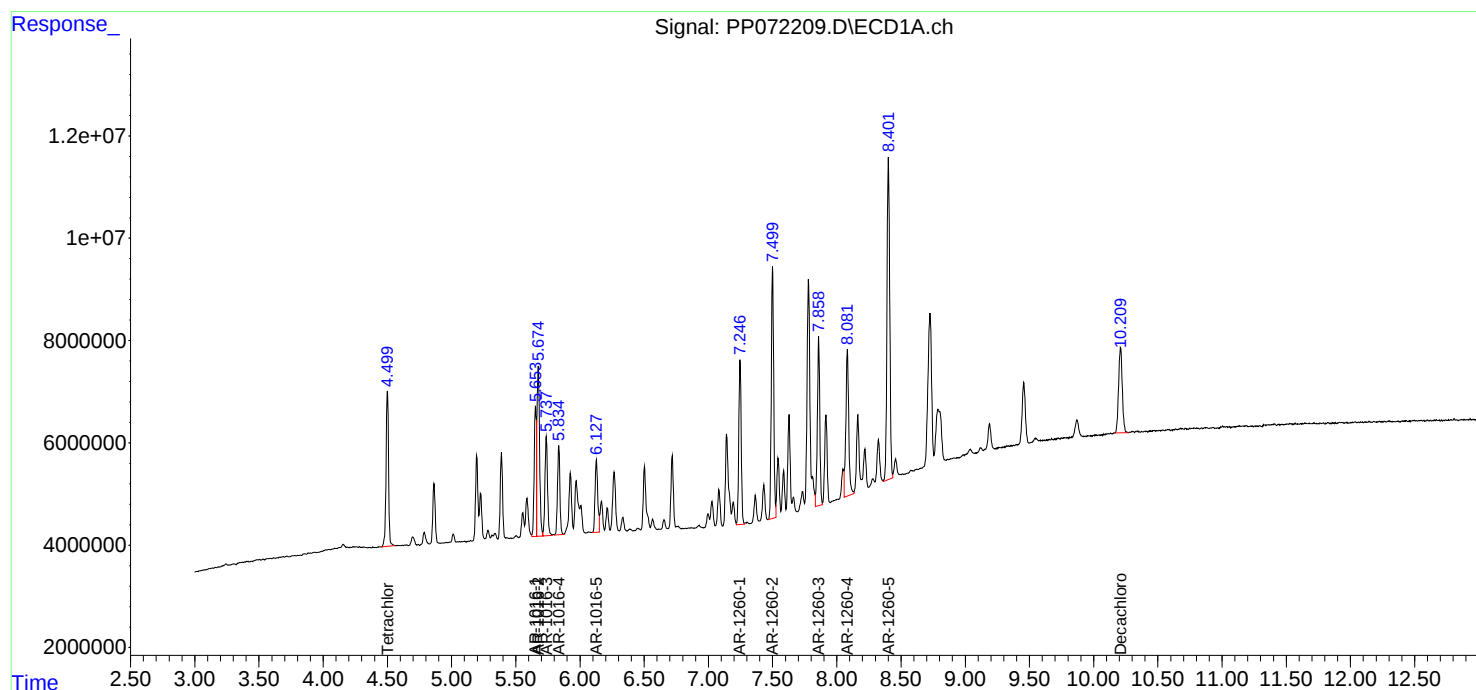
APPROVED

Reviewed By :Yogesh Patel 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 03:15:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072224.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 19:16
 Operator : YP\AJ
 Sample : Q2080-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PL-HRH-COMP-01MS

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 03:19:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.502	3.797	37967524	28996006	18.882	18.141
2) SA Decachlor...	10.210	8.821	24799285	18280088	15.222	17.268
Target Compounds						
3) L1 AR-1016-1	5.655	4.880	30787285	26820959	410.040	436.613
4) L1 AR-1016-2	5.677	4.898	47994815	38041635	448.585	433.329
5) L1 AR-1016-3	5.739	5.075	28102763	21243854	428.625	445.789
6) L1 AR-1016-4	5.836	5.117	24038759	16661861	451.263	437.948
7) L1 AR-1016-5	6.128	5.331	21462115	21635034	438.816	434.225
31) L7 AR-1260-1	7.247	6.365	40974094	35838638	437.782	449.366
32) L7 AR-1260-2	7.501	6.553	60223285	41630635	419.705	410.469
33) L7 AR-1260-3	7.859	6.705	41375552	38805197	363.355	446.538
34) L7 AR-1260-4	8.083	7.176	43289993	28359733	403.438	393.388
35) L7 AR-1260-5	8.404	7.418	87400817	65776754	369.306	378.846

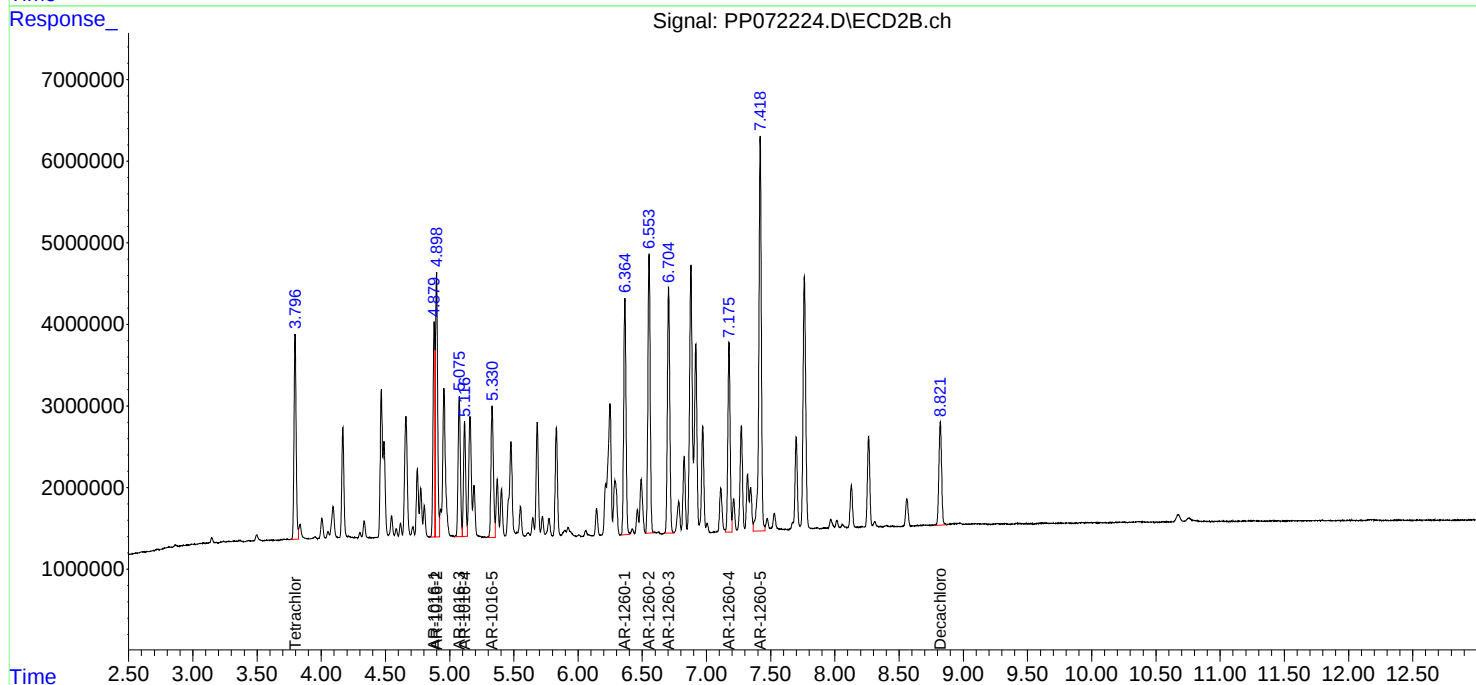
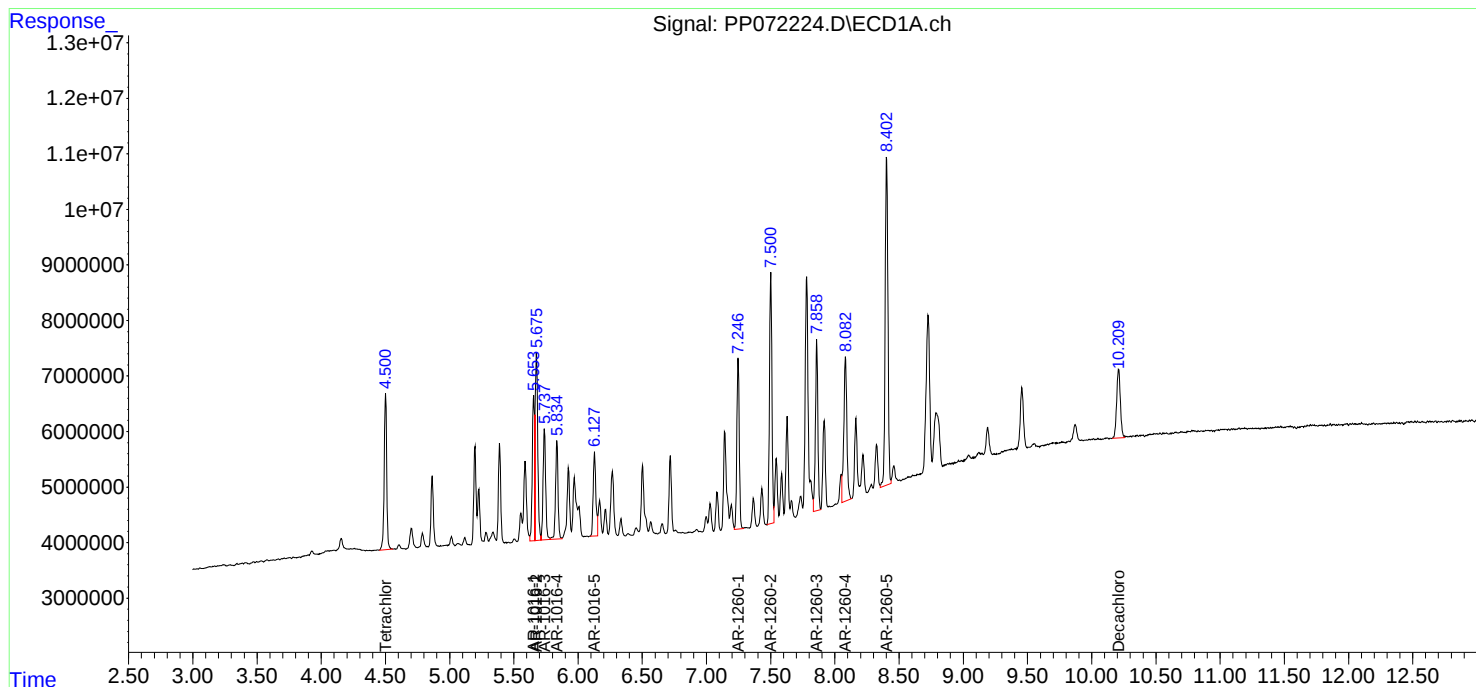
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 19:16
Operator : YP\AJ
Sample : Q2080-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PL-HRH-COMP-01MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:19:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
 Data File : PP072225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 19:32
 Operator : YP\AJ
 Sample : Q2080-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PL-HRH-COMP-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 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 03:19:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 20 03:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.502	3.798	40139471	31658502	19.962	19.807
2) SA Decachlor...	10.210	8.822	26475887	18847885	16.252	17.805
Target Compounds						
3) L1 AR-1016-1	5.655	4.880	33519714	28470981	446.432	463.474
4) L1 AR-1016-2	5.676	4.899	50168116	40650074	468.897	463.041
5) L1 AR-1016-3	5.739	5.076	29916638	22487204	456.290	471.880
6) L1 AR-1016-4	5.836	5.117	25005643	17698769	469.413	465.202
7) L1 AR-1016-5	6.129	5.332	22739318	22882697	464.929	459.267
31) L7 AR-1260-1	7.247	6.365	43472256	37667010	464.473	472.292
32) L7 AR-1260-2	7.501	6.553	63671636	44014488	443.737	433.973
33) L7 AR-1260-3	7.860	6.706	44182798	41541245	388.008	478.022
34) L7 AR-1260-4	8.082	7.177	45269226	29494998	421.884m	409.136
35) L7 AR-1260-5	8.403	7.419	92995767	69074034	392.947	397.837

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052025\
Data File : PP072225.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 19:32
Operator : YP\AJ
Sample : Q2080-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

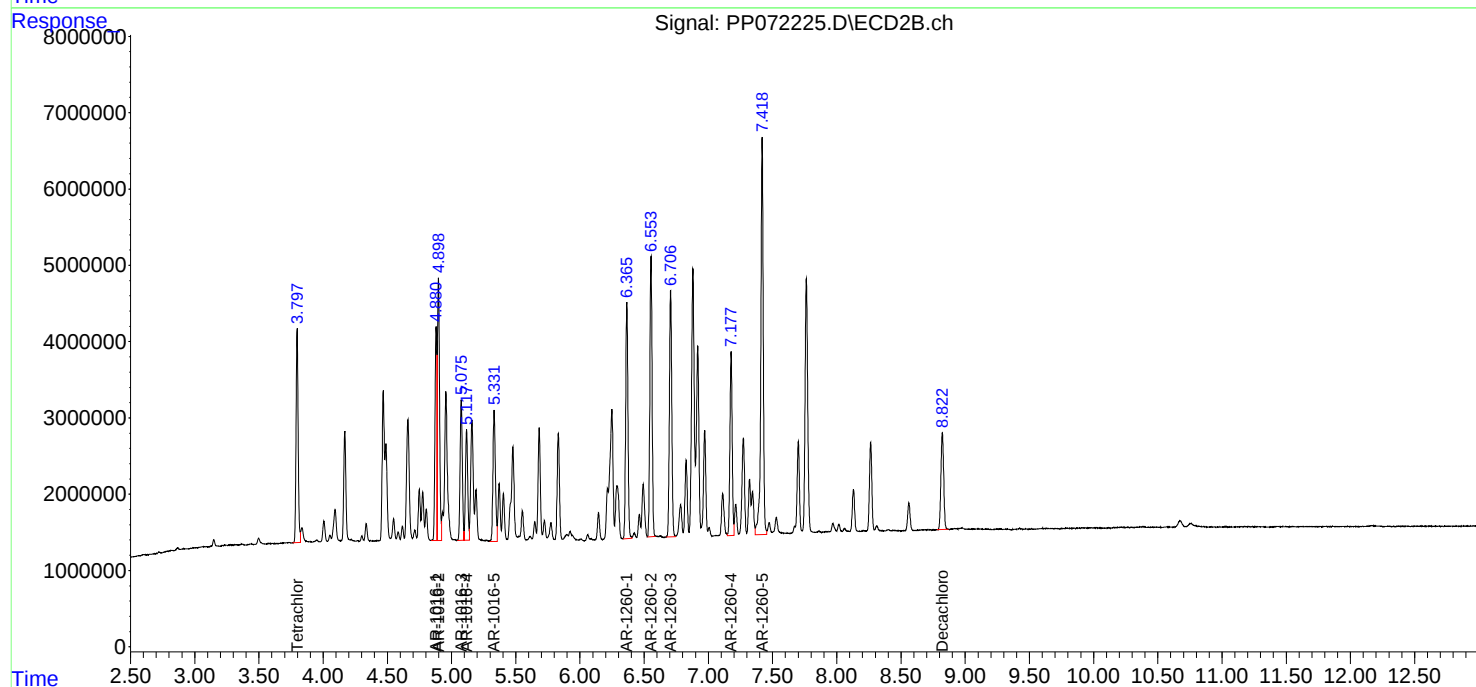
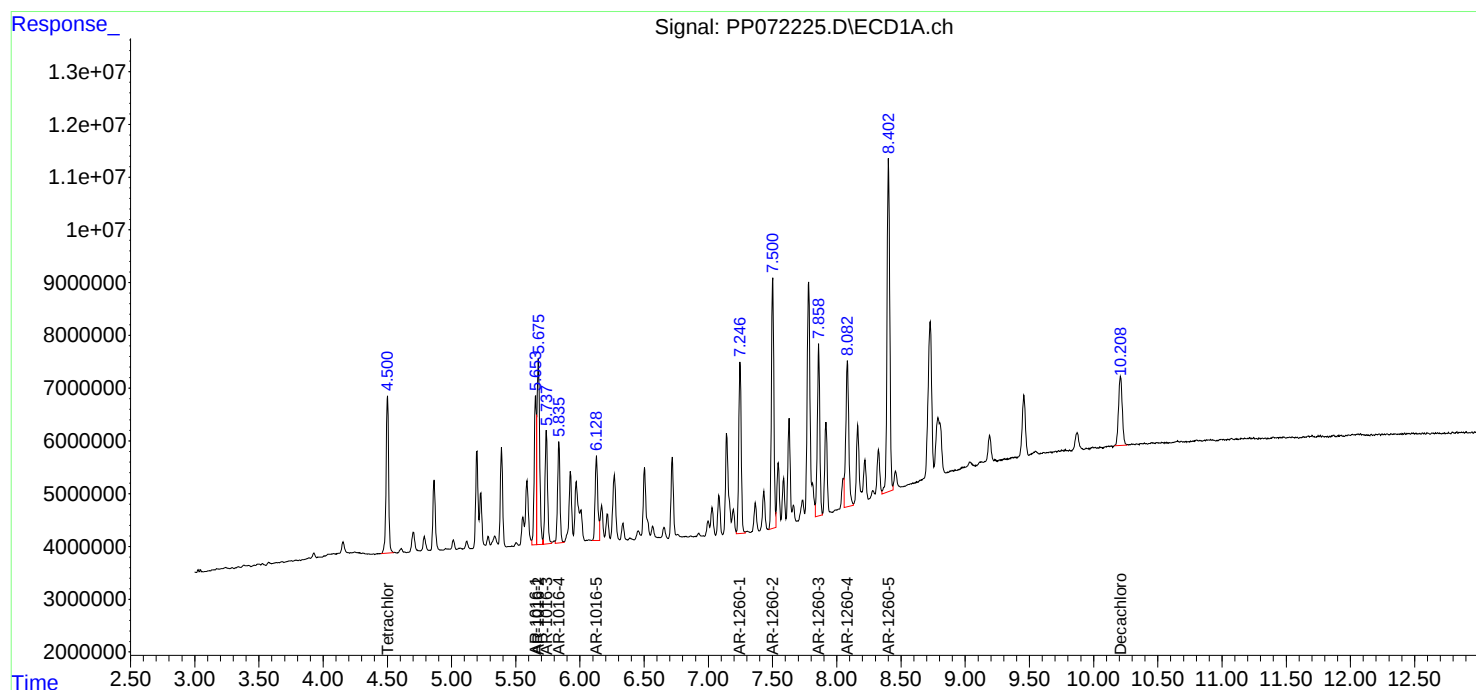
Instrument :
ECD_P
ClientSampleId :
PL-HRH-COMP-01MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 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 03:19:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 20 03:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	PP051925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP072168.D	AR-1016-1	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-2	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-3	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-4	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1232ICC050	PP072174.D	AR-1232-3	yogesh	5/21/2025 8:50:30 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1232ICC050	PP072174.D	AR-1232-4	yogesh	5/21/2025 8:50:30 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-1	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-2	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-3	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-4	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-5	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-5 #2	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1248ICC050	PP072184.D	AR-1248-1	yogesh	5/20/2025 7:28:12 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software

Manual Integration Report

Sequence:	PP051925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248ICC050	PP072184.D	AR-1248-4 #2	yogesh	5/20/2025 7:28:12 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-1	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-4	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-4 #2	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	Tetrachloro-m-xylene	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	Tetrachloro-m-xylene #2	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1268ICC050	PP072195.D	AR-1268-1	yogesh	5/20/2025 7:28:15 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1268ICC050	PP072195.D	Tetrachloro-m-xylene	yogesh	5/20/2025 7:28:15 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software

Manual Integration Report

Sequence:	PP052025	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168074BS	PP072209.D	AR-1260-1 #2	yogesh	5/21/2025 8:49:49 AM	mohammad	5/22/2025 6:38:39	Peak Integrated by Software
PB168074BS	PP072209.D	AR-1260-3 #2	yogesh	5/21/2025 8:49:49 AM	mohammad	5/22/2025 6:38:39	Peak Integrated by Software
PB168074BS	PP072209.D	AR-1260-4 #2	yogesh	5/21/2025 8:49:49 AM	mohammad	5/22/2025 6:38:39	Peak Integrated by Software
PB168074BS	PP072209.D	AR-1260-5 #2	yogesh	5/21/2025 8:49:49 AM	mohammad	5/22/2025 6:38:39	Peak Integrated by Software
Q2074-01	PP072210.D	Tetrachloro-m-xylene	yogesh	5/21/2025 8:49:51 AM	mohammad	5/22/2025 6:38:39	Peak Integrated by Software
Q2074-04	PP072213.D	Tetrachloro-m-xylene	yogesh	5/21/2025 8:49:52 AM	mohammad	5/22/2025 6:38:39	Peak Integrated by Software
Q2080-01MSD	PP072225.D	AR-1260-4	yogesh	5/21/2025 8:49:53 AM	mohammad	5/22/2025 6:38:39	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344, PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359, PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072162.D	19 May 2025 09:09	YP\AJ	Ok
2	I.BLK	PP072163.D	19 May 2025 09:26	YP\AJ	Ok
3	AR1660ICC1000	PP072164.D	19 May 2025 09:42	YP\AJ	Ok
4	AR1660ICC750	PP072165.D	19 May 2025 09:59	YP\AJ	Ok
5	AR1660ICC500	PP072166.D	19 May 2025 10:15	YP\AJ	Ok
6	AR1660ICC250	PP072167.D	19 May 2025 10:32	YP\AJ	Ok
7	AR1660ICC050	PP072168.D	19 May 2025 10:48	YP\AJ	Ok,M
8	AR1221ICC500	PP072169.D	19 May 2025 11:05	YP\AJ	Ok
9	AR1232ICC1000	PP072170.D	19 May 2025 11:21	YP\AJ	Ok
10	AR1232ICC750	PP072171.D	19 May 2025 11:38	YP\AJ	Ok
11	AR1232ICC500	PP072172.D	19 May 2025 11:54	YP\AJ	Ok
12	AR1232ICC250	PP072173.D	19 May 2025 12:10	YP\AJ	Ok
13	AR1232ICC050	PP072174.D	19 May 2025 12:27	YP\AJ	Ok,M
14	AR1242ICC1000	PP072175.D	19 May 2025 12:43	YP\AJ	Ok
15	AR1242ICC750	PP072176.D	19 May 2025 12:59	YP\AJ	Ok
16	AR1242ICC500	PP072177.D	19 May 2025 13:15	YP\AJ	Ok
17	AR1242ICC250	PP072178.D	19 May 2025 13:32	YP\AJ	Ok
18	AR1242ICC050	PP072179.D	19 May 2025 13:48	YP\AJ	Ok,M
19	AR1248ICC1000	PP072180.D	19 May 2025 14:04	YP\AJ	Ok
20	AR1248ICC750	PP072181.D	19 May 2025 14:20	YP\AJ	Ok
21	AR1248ICC500	PP072182.D	19 May 2025 14:37	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1248ICC250	PP072183.D	19 May 2025 14:53	YPIAJ	Ok
23	AR1248ICC050	PP072184.D	19 May 2025 15:25	YPIAJ	Ok,M
24	AR1254ICC1000	PP072185.D	19 May 2025 15:42	YPIAJ	Ok
25	AR1254ICC750	PP072186.D	19 May 2025 15:58	YPIAJ	Ok
26	AR1254ICC500	PP072187.D	19 May 2025 16:14	YPIAJ	Ok
27	AR1254ICC250	PP072188.D	19 May 2025 16:31	YPIAJ	Ok
28	AR1254ICC050	PP072189.D	19 May 2025 16:47	YPIAJ	Ok,M
29	AR1262ICC500	PP072190.D	19 May 2025 17:03	YPIAJ	Ok
30	AR1268ICC1000	PP072191.D	19 May 2025 17:20	YPIAJ	Ok
31	AR1268ICC750	PP072192.D	19 May 2025 17:36	YPIAJ	Ok
32	AR1268ICC500	PP072193.D	19 May 2025 17:53	YPIAJ	Ok
33	AR1268ICC250	PP072194.D	19 May 2025 18:09	YPIAJ	Ok
34	AR1268ICC050	PP072195.D	19 May 2025 18:25	YPIAJ	Ok,M
35	PP051925ICV500	PP072196.D	19 May 2025 18:42	YPIAJ	Ok
36	AR1232ICV500	PP072197.D	19 May 2025 19:14	YPIAJ	Ok
37	AR1242ICV500	PP072198.D	19 May 2025 19:47	YPIAJ	Ok
38	AR1248ICV500	PP072199.D	19 May 2025 20:19	YPIAJ	Ok
39	AR1254ICV500	PP072200.D	19 May 2025 20:52	YPIAJ	Ok
40	AR1268ICV500	PP072201.D	19 May 2025 21:25	YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP052025

Review By	yogesh	Review On	5/20/2025 10:27:54 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:38:39 AM
SubDirectory	PP052025	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072202.D	20 May 2025 09:35	YP\AJ	Ok
2	AR1660CCC500	PP072203.D	20 May 2025 09:51	YP\AJ	Ok
3	AR1242CCC500	PP072204.D	20 May 2025 10:08	YP\AJ	Ok
4	AR1248CCC500	PP072205.D	20 May 2025 10:24	YP\AJ	Ok
5	AR1254CCC500	PP072206.D	20 May 2025 10:40	YP\AJ	Ok
6	I.BLK	PP072207.D	20 May 2025 10:56	YP\AJ	Ok
7	PB168074BL	PP072208.D	20 May 2025 13:49	YP\AJ	Ok
8	PB168074BS	PP072209.D	20 May 2025 14:06	YP\AJ	Ok,M
9	Q2074-01	PP072210.D	20 May 2025 14:22	YP\AJ	Ok,M
10	Q2074-02	PP072211.D	20 May 2025 14:38	YP\AJ	Ok
11	Q2074-03	PP072212.D	20 May 2025 14:55	YP\AJ	Ok
12	Q2074-04	PP072213.D	20 May 2025 15:11	YP\AJ	Ok,M
13	Q2074-05	PP072214.D	20 May 2025 15:27	YP\AJ	Ok
14	Q2074-06	PP072215.D	20 May 2025 15:44	YP\AJ	Ok
15	Q2074-07	PP072216.D	20 May 2025 16:00	YP\AJ	Ok
16	Q2074-08	PP072217.D	20 May 2025 16:16	YP\AJ	Ok
17	AR1660CCC500	PP072218.D	20 May 2025 17:22	YP\AJ	Ok
18	AR1242CCC500	PP072219.D	20 May 2025 17:54	YP\AJ	Ok
19	AR1248CCC500	PP072220.D	20 May 2025 18:11	YP\AJ	Ok
20	AR1254CCC500	PP072221.D	20 May 2025 18:27	YP\AJ	Ok
21	I.BLK	PP072222.D	20 May 2025 18:44	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP052025

Review By	yogesh	Review On	5/20/2025 10:27:54 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:38:39 AM
SubDirectory	PP052025	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2080-01	PP072223.D	20 May 2025 19:00	YP\AJ	Ok
23	Q2080-01MS	PP072224.D	20 May 2025 19:16	YP\AJ	Ok
24	Q2080-01MSD	PP072225.D	20 May 2025 19:32	YP\AJ	Ok,M
25	Q2080-07	PP072226.D	20 May 2025 19:49	YP\AJ	Ok
26	PB168081BL	PP072227.D	20 May 2025 20:05	YP\AJ	Ok
27	PB168081BS	PP072228.D	20 May 2025 20:21	YP\AJ	Ok
28	PB168081BSD	PP072229.D	20 May 2025 20:37	YP\AJ	Ok
29	Q2065-01	PP072230.D	20 May 2025 20:54	YP\AJ	Ok
30	Q2067-01	PP072231.D	20 May 2025 21:10	YP\AJ	Not Ok
31	Q2068-03	PP072232.D	20 May 2025 21:26	YP\AJ	Ok,M
32	AR1660CCC500	PP072233.D	20 May 2025 22:48	YP\AJ	Ok
33	AR1242CCC500	PP072234.D	20 May 2025 23:37	YP\AJ	Ok
34	AR1248CCC500	PP072235.D	20 May 2025 23:53	YP\AJ	Ok
35	AR1254CCC500	PP072236.D	21 May 2025 00:09	YP\AJ	Ok
36	I.BLK	PP072237.D	21 May 2025 00:26	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072162.D	19 May 2025 09:09		YP\AJ	Ok
2	I.BLK	I.BLK	PP072163.D	19 May 2025 09:26		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP072164.D	19 May 2025 09:42		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP072165.D	19 May 2025 09:59		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP072166.D	19 May 2025 10:15		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP072167.D	19 May 2025 10:32		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP072168.D	19 May 2025 10:48		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP072169.D	19 May 2025 11:05		YP\AJ	Ok
9	AR1232ICC1000	AR1232ICC1000	PP072170.D	19 May 2025 11:21		YP\AJ	Ok
10	AR1232ICC750	AR1232ICC750	PP072171.D	19 May 2025 11:38		YP\AJ	Ok
11	AR1232ICC500	AR1232ICC500	PP072172.D	19 May 2025 11:54		YP\AJ	Ok
12	AR1232ICC250	AR1232ICC250	PP072173.D	19 May 2025 12:10		YP\AJ	Ok
13	AR1232ICC050	AR1232ICC050	PP072174.D	19 May 2025 12:27		YP\AJ	Ok,M
14	AR1242ICC1000	AR1242ICC1000	PP072175.D	19 May 2025 12:43		YP\AJ	Ok
15	AR1242ICC750	AR1242ICC750	PP072176.D	19 May 2025 12:59		YP\AJ	Ok
16	AR1242ICC500	AR1242ICC500	PP072177.D	19 May 2025 13:15		YP\AJ	Ok
17	AR1242ICC250	AR1242ICC250	PP072178.D	19 May 2025 13:32		YP\AJ	Ok
18	AR1242ICC050	AR1242ICC050	PP072179.D	19 May 2025 13:48		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		

19	AR1248ICC1000	AR1248ICC1000	PP072180.D	19 May 2025 14:04		YPIAJ	Ok
20	AR1248ICC750	AR1248ICC750	PP072181.D	19 May 2025 14:20		YPIAJ	Ok
21	AR1248ICC500	AR1248ICC500	PP072182.D	19 May 2025 14:37		YPIAJ	Ok
22	AR1248ICC250	AR1248ICC250	PP072183.D	19 May 2025 14:53		YPIAJ	Ok
23	AR1248ICC050	AR1248ICC050	PP072184.D	19 May 2025 15:25		YPIAJ	Ok,M
24	AR1254ICC1000	AR1254ICC1000	PP072185.D	19 May 2025 15:42		YPIAJ	Ok
25	AR1254ICC750	AR1254ICC750	PP072186.D	19 May 2025 15:58		YPIAJ	Ok
26	AR1254ICC500	AR1254ICC500	PP072187.D	19 May 2025 16:14		YPIAJ	Ok
27	AR1254ICC250	AR1254ICC250	PP072188.D	19 May 2025 16:31		YPIAJ	Ok
28	AR1254ICC050	AR1254ICC050	PP072189.D	19 May 2025 16:47		YPIAJ	Ok,M
29	AR1262ICC500	AR1262ICC500	PP072190.D	19 May 2025 17:03		YPIAJ	Ok
30	AR1268ICC1000	AR1268ICC1000	PP072191.D	19 May 2025 17:20		YPIAJ	Ok
31	AR1268ICC750	AR1268ICC750	PP072192.D	19 May 2025 17:36		YPIAJ	Ok
32	AR1268ICC500	AR1268ICC500	PP072193.D	19 May 2025 17:53		YPIAJ	Ok
33	AR1268ICC250	AR1268ICC250	PP072194.D	19 May 2025 18:09		YPIAJ	Ok
34	AR1268ICC050	AR1268ICC050	PP072195.D	19 May 2025 18:25		YPIAJ	Ok,M
35	PP051925ICV500	ICVPP051925	PP072196.D	19 May 2025 18:42		YPIAJ	Ok
36	AR1232ICV500	ICVPP051925AR1232	PP072197.D	19 May 2025 19:14		YPIAJ	Ok
37	AR1242ICV500	ICVPP051925AR1242	PP072198.D	19 May 2025 19:47		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM				
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM				
SubDirectory	PP051925	HP Acquire Method	HP Processing Method		PP051925		
STD. NAME		STD REF.#					
Tune/Reschk		PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387					
Initial Calibration Stds							
CCC							
Internal Standard/PEM							
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

38	AR1248ICV500	ICVPP051925AR1248	PP072199.D	19 May 2025 20:19		YP\AJ	Ok
39	AR1254ICV500	ICVPP051925AR1254	PP072200.D	19 May 2025 20:52		YP\AJ	Ok
40	AR1268ICV500	ICVPP051925AR1268	PP072201.D	19 May 2025 21:25		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP052025

Review By	yogesh	Review On	5/20/2025 10:27:54 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:38:39 AM
SubDirectory	PP052025	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072202.D	20 May 2025 09:35		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP072203.D	20 May 2025 09:51		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP072204.D	20 May 2025 10:08		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP072205.D	20 May 2025 10:24		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP072206.D	20 May 2025 10:40		YP\AJ	Ok
6	I.BLK	I.BLK	PP072207.D	20 May 2025 10:56		YP\AJ	Ok
7	PB168074BL	PB168074BL	PP072208.D	20 May 2025 13:49		YP\AJ	Ok
8	PB168074BS	PB168074BS	PP072209.D	20 May 2025 14:06		YP\AJ	Ok,M
9	Q2074-01	TP-12	PP072210.D	20 May 2025 14:22		YP\AJ	Ok,M
10	Q2074-02	TP-7	PP072211.D	20 May 2025 14:38		YP\AJ	Ok
11	Q2074-03	TP-15	PP072212.D	20 May 2025 14:55		YP\AJ	Ok
12	Q2074-04	TP-20	PP072213.D	20 May 2025 15:11		YP\AJ	Ok,M
13	Q2074-05	TP-38	PP072214.D	20 May 2025 15:27		YP\AJ	Ok
14	Q2074-06	TP-19	PP072215.D	20 May 2025 15:44		YP\AJ	Ok
15	Q2074-07	TP-40	PP072216.D	20 May 2025 16:00		YP\AJ	Ok
16	Q2074-08	TP-18	PP072217.D	20 May 2025 16:16		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP072218.D	20 May 2025 17:22		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP072219.D	20 May 2025 17:54		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP052025

Review By	yogesh	Review On	5/20/2025 10:27:54 AM
Supervise By	mohammad	Supervise On	5/22/2025 6:38:39 AM
SubDirectory	PP052025	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PP072220.D	20 May 2025 18:11		YPIAJ	Ok
20	AR1254CCC500	AR1254CCC500	PP072221.D	20 May 2025 18:27		YPIAJ	Ok
21	I.BLK	I.BLK	PP072222.D	20 May 2025 18:44		YPIAJ	Ok
22	Q2080-01	PL-HRH-COMP-01	PP072223.D	20 May 2025 19:00		YPIAJ	Ok
23	Q2080-01MS	PL-HRH-COMP-01MS	PP072224.D	20 May 2025 19:16		YPIAJ	Ok
24	Q2080-01MSD	PL-HRH-COMP-01MSD	PP072225.D	20 May 2025 19:32		YPIAJ	Ok,M
25	Q2080-07	PL-HRH-COMP-02	PP072226.D	20 May 2025 19:49		YPIAJ	Ok
26	PB168081BL	PB168081BL	PP072227.D	20 May 2025 20:05		YPIAJ	Ok
27	PB168081BS	PB168081BS	PP072228.D	20 May 2025 20:21		YPIAJ	Ok
28	PB168081BSD	PB168081BSD	PP072229.D	20 May 2025 20:37		YPIAJ	Ok
29	Q2065-01	VACTRUCK-728068	PP072230.D	20 May 2025 20:54		YPIAJ	Ok
30	Q2067-01	303-PPR-FRAC	PP072231.D	20 May 2025 21:10	need clean up	YPIAJ	Not Ok
31	Q2068-03	LAW-25-0074	PP072232.D	20 May 2025 21:26	DCB low in 1st column, AR1254 hits	YPIAJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP072233.D	20 May 2025 22:48		YPIAJ	Ok
33	AR1242CCC500	AR1242CCC500	PP072234.D	20 May 2025 23:37		YPIAJ	Ok
34	AR1248CCC500	AR1248CCC500	PP072235.D	20 May 2025 23:53		YPIAJ	Ok
35	AR1254CCC500	AR1254CCC500	PP072236.D	21 May 2025 00:09		YPIAJ	Ok
36	I.BLK	I.BLK	PP072237.D	21 May 2025 00:26		YPIAJ	Ok

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 05/20/2025

Matrix : Solid

Extraction Start Time : 08:45

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24461
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
H2SO4 1:1	N/A	EP2610
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

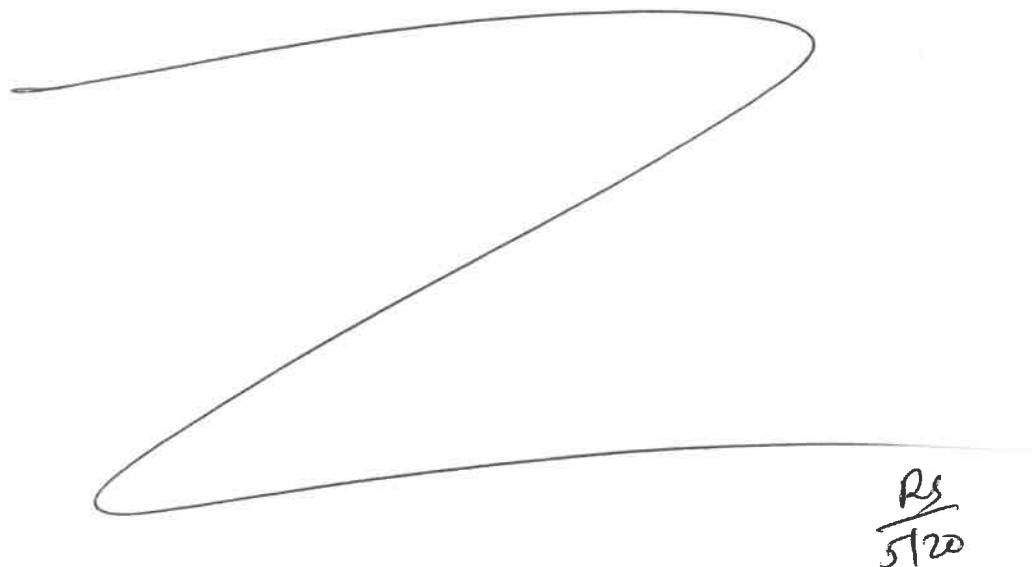
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/20/25	RS (G4 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				
PB168074BL	ABLK074	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168074BS	ALCS074	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2074-01	TP-12	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q2074-02	TP-7	PCB	30.03	N/A	ritesh	Evelyn	10	E		4
Q2074-03	TP-15	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q2074-04	TP-20	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q2074-05	TP-38	PCB	30.07	N/A	ritesh	Evelyn	10	E		U1-1
Q2074-06	TP-19	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q2074-07	TP-40	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q2074-08	TP-18	PCB	30.02	N/A	ritesh	Evelyn	10	E		4
Q2080-01	PL-HRH-COMP-01	PCB	30.01	N/A	ritesh	Evelyn	10	E		5
Q2080-01MS	PL-HRH-COMP-01MS	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q2080-01MS D	PL-HRH-COMP-01MSD	PCB	30.04	N/A	ritesh	Evelyn	10	E		U3-1
Q2080-07	PL-HRH-COMP-02	PCB	30.08	N/A	ritesh	Evelyn	10	E		2



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2074

WorkList ID : 189618

Department : Extraction

Date : 05-20-2025 08:25:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2074-01	TP-12	Solid	PCB	Cool 4 deg C	CAMP02	L31	05/16/2025	8082A
Q2074-02	TP-7	Solid	PCB	Cool 4 deg C	CAMP02	L31	05/16/2025	8082A
Q2074-03	TP-15	Solid	PCB	Cool 4 deg C	CAMP02	L31	05/16/2025	8082A
Q2074-04	TP-20	Solid	PCB	Cool 4 deg C	CAMP02	L31	05/16/2025	8082A
Q2074-05	TP-38	Solid	PCB	Cool 4 deg C	CAMP02	L31	05/16/2025	8082A
Q2074-06	TP-19	Solid	PCB	Cool 4 deg C	CAMP02	L31	05/16/2025	8082A
Q2074-07	TP-40	Solid	PCB	Cool 4 deg C	CAMP02	L31	05/16/2025	8082A
Q2074-08	TP-18	Solid	PCB	Cool 4 deg C	CAMP02	L31	05/16/2025	8082A
Q2080-01	PL-HRH-COMP-01	Solid	PCB	Cool 4 deg C	PSEG03	L31	05/19/2025	8082A
Q2080-07	PL-HRH-COMP-02	Solid	PCB	Cool 4 deg C	PSEG03	L31	05/19/2025	8082A

Date/Time 05/20/25 8:40

Raw Sample Received by: RJ LEH- (lab)

Raw Sample Relinquished by: CR

Date/Time 05/20/25 9:00

Raw Sample Received by: CR

Raw Sample Relinquished by: RJ LEH- (lab)

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			05/15/25			05/16/25
			PCB	8082A		05/20/25	05/20/25	
			Pesticide-TCL	8081B		05/20/25	05/20/25	
			Gasoline Range Organics	8015D			05/20/25	
Q2074-02	TP-7	SOIL			05/15/25			05/16/25
			PCB	8082A		05/20/25	05/20/25	
			Pesticide-TCL	8081B		05/20/25	05/20/25	
			Gasoline Range Organics	8015D			05/20/25	
Q2074-03	TP-15	SOIL			05/15/25			05/16/25
			PCB	8082A		05/20/25	05/20/25	
			Pesticide-TCL	8081B		05/20/25	05/20/25	
			Gasoline Range Organics	8015D			05/20/25	
Q2074-04	TP-20	SOIL			05/15/25			05/16/25
			PCB	8082A		05/20/25	05/20/25	
			Pesticide-TCL	8081B		05/20/25	05/20/25	
			Gasoline Range Organics	8015D			05/20/25	
Q2074-05	TP-38	SOIL			05/15/25			05/16/25
			PCB	8082A		05/20/25	05/20/25	
			Pesticide-TCL	8081B		05/20/25	05/20/25	
Q2074-06	TP-19	SOIL			05/15/25			05/16/25
			PCB	8082A		05/20/25	05/20/25	
			Pesticide-TCL	8081B		05/20/25	05/20/25	
			Gasoline Range Organics	8015D			05/20/25	
Q2074-07	TP-40	SOIL			05/15/25			05/16/25
			PCB	8082A		05/20/25	05/20/25	
			Pesticide-TCL	8081B		05/20/25	05/20/25	

LAB CHRONICLE

Q2074-08	TP-18	SOIL			05/16/25			05/16/25
			PCB	8082A		05/20/25	05/20/25	
			Pesticide-TCL	8081B		05/20/25	05/20/25	