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Hit Summary Sheet
SW-846

SDG No.:	Q1982	Order ID:	Q1982					
Client:	CDM Smith	Project ID:	South River WM Replacement					
Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
Total Concentration:				0.000				



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-1	SDG No.:	Q1982
Lab Sample ID:	Q1982-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.9
Sample Wt/Vol:	30.02	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
PO111034.D	1	05/13/25 08:30	05/13/25 14:01	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.0	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	21.0	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	21.0	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	21.0	ug/kg
12672-29-6	Aroclor-1248	7.30	U	7.30	21.0	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.0	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	21.0	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	21.0	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		32 - 175	77%	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:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-2B	SDG No.:	Q1982
Lab Sample ID:	Q1982-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85
Sample Wt/Vol:	30.06	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
PO111035.D	1	05/13/25 08:30	05/13/25 14:19	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	20.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	20.0	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.0	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.0	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.0	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.0	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.0	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.0	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		32 - 175	87%	SPK: 20

Comments:

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/06/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-3	SDG No.:	Q1982
Lab Sample ID:	Q1982-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.7
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
PO111036.D	1	05/13/25 08:30	05/13/25 14:37	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.4		32 - 144	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		32 - 175	111%	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:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-4	SDG No.:	Q1982
Lab Sample ID:	Q1982-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.4
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
PP072009.D	1	05/13/25 08:30	05/13/25 13:02	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.4	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.5		32 - 144	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		32 - 175	91%	SPK: 20

Comments:

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-5	SDG No.:	Q1982
Lab Sample ID:	Q1982-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.9
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
PP072010.D	1	05/13/25 08:30	05/13/25 13:18	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	18.9	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.9	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.9	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	18.9	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	18.9	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	18.9	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	18.9	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.9	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		32 - 175	87%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-6	SDG No.:	Q1982
Lab Sample ID:	Q1982-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.2
Sample Wt/Vol:	30.05	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
PP072011.D	1	05/13/25 08:30	05/13/25 13:35	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.7	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.7	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.7	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.7	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.7	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.7	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.7	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.7	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		32 - 175	100%	SPK: 20

Comments:

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-8	SDG No.:	Q1982
Lab Sample ID:	Q1982-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.7
Sample Wt/Vol:	30.06	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
PP072012.D	1	05/13/25 08:30	05/13/25 13:51	PB167972

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	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		32 - 175	103%	SPK: 20

Comments:

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/07/25
Project:	South River WM Replacement	Date Received:	05/07/25
Client Sample ID:	TP-9	SDG No.:	Q1982
Lab Sample ID:	Q1982-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.3
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
PP072013.D	1	05/13/25 08:30	05/13/25 14:07	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	20.9	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	20.9	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	20.9	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.9	ug/kg
12672-29-6	Aroclor-1248	7.30	U	7.30	20.9	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.9	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	20.9	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.9	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	20.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		32 - 175	93%	SPK: 20

Comments:

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QC SUMMARY

Surrogate Summary

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO110891.D	PIBLK-PO110891.D	Tetrachloro-m-xylene	1	20	16.1	81		60	140
		Decachlorobiphenyl	1	20	18.1	91		60	140
		Tetrachloro-m-xylene	2	20	15.2	76		60	140
		Decachlorobiphenyl	2	20	18.1	90		60	140
I.BLK-PO111030.D	PIBLK-PO111030.D	Tetrachloro-m-xylene	1	20	16.1	81		60	140
		Decachlorobiphenyl	1	20	13.2	66		60	140
		Tetrachloro-m-xylene	2	20	15.9	80		60	140
		Decachlorobiphenyl	2	20	16.3	82		60	140
PB167972BL	PB167972BL	Tetrachloro-m-xylene	1	20	20.6	103		32	144
		Decachlorobiphenyl	1	20	16.9	84		32	175
		Tetrachloro-m-xylene	2	20	20.4	102		32	144
		Decachlorobiphenyl	2	20	20.4	102		32	175
PB167972BS	PB167972BS	Tetrachloro-m-xylene	1	20	18.5	92		32	144
		Decachlorobiphenyl	1	20	16.4	82		32	175
		Tetrachloro-m-xylene	2	20	18.7	93		32	144
		Decachlorobiphenyl	2	20	20.1	100		32	175
Q1982-01	TP-1	Tetrachloro-m-xylene	1	20	18.6	93		32	144
		Decachlorobiphenyl	1	20	12.6	63		32	175
		Tetrachloro-m-xylene	2	20	18.9	94		32	144
		Decachlorobiphenyl	2	20	15.4	77		32	175
Q1982-02	TP-2B	Tetrachloro-m-xylene	1	20	20.6	103		32	144
		Decachlorobiphenyl	1	20	13.6	68		32	175
		Tetrachloro-m-xylene	2	20	20.8	104		32	144
		Decachlorobiphenyl	2	20	17.3	87		32	175
Q1982-03	TP-3	Tetrachloro-m-xylene	1	20	23.0	115		32	144
		Decachlorobiphenyl	1	20	17.3	86		32	175
		Tetrachloro-m-xylene	2	20	23.4	117		32	144
		Decachlorobiphenyl	2	20	22.2	111		32	175
Q2017-01MS	MH-IMS	Tetrachloro-m-xylene	1	20	19.8	99		32	144
		Decachlorobiphenyl	1	20	14.9	75		32	175
		Tetrachloro-m-xylene	2	20	20.6	103		32	144
		Decachlorobiphenyl	2	20	19.0	95		32	175
Q2017-01MSD	MH-IMSD	Tetrachloro-m-xylene	1	20	19.0	95		32	144
		Decachlorobiphenyl	1	20	14.2	71		32	175
		Tetrachloro-m-xylene	2	20	19.6	98		32	144
		Decachlorobiphenyl	2	20	18.4	92		32	175
I.BLK-PO111045.D	PIBLK-PO111045.D	Tetrachloro-m-xylene	1	20	16.4	82		60	140
		Decachlorobiphenyl	1	20	13.4	67		60	140
		Tetrachloro-m-xylene	2	20	16.2	81		60	140
		Decachlorobiphenyl	2	20	16.5	83		60	140
I.BLK-PP071388.D	PIBLK-PP071388.D	Tetrachloro-m-xylene	1	20	17.1	85		60	140

Surrogate Summary

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP071388.D	PIBLK-PP071388.D	Decachlorobiphenyl	1	20	17.6	88		60	140
		Tetrachloro-m-xylene	2	20	17.2	86		60	140
I.BLK-PP072007.D	PIBLK-PP072007.D	Decachlorobiphenyl	2	20	17.6	88		60	140
		Tetrachloro-m-xylene	1	20	17.1	85		60	140
		Decachlorobiphenyl	1	20	19.1	95		60	140
		Tetrachloro-m-xylene	2	20	19.7	98		60	140
Q1982-04	TP-4	Decachlorobiphenyl	2	20	21.8	109		60	140
		Tetrachloro-m-xylene	1	20	19.6	98		32	144
		Decachlorobiphenyl	1	20	15.9	79		32	175
		Tetrachloro-m-xylene	2	20	22.5	113		32	144
Q1982-05	TP-5	Decachlorobiphenyl	2	20	18.3	91		32	175
		Tetrachloro-m-xylene	1	20	18.2	91		32	144
		Decachlorobiphenyl	1	20	15.4	77		32	175
		Tetrachloro-m-xylene	2	20	20.5	102		32	144
Q1982-06	TP-6	Decachlorobiphenyl	2	20	17.4	87		32	175
		Tetrachloro-m-xylene	1	20	19.1	96		32	144
		Decachlorobiphenyl	1	20	17.5	87		32	175
		Tetrachloro-m-xylene	2	20	21.6	108		32	144
Q1982-07	TP-8	Decachlorobiphenyl	2	20	20.0	100		32	175
		Tetrachloro-m-xylene	1	20	19.1	95		32	144
		Decachlorobiphenyl	1	20	17.9	90		32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
Q1982-08	TP-9	Decachlorobiphenyl	2	20	20.6	103		32	175
		Tetrachloro-m-xylene	1	20	18.1	90		32	144
		Decachlorobiphenyl	1	20	15.8	79		32	175
		Tetrachloro-m-xylene	2	20	21.3	106		32	144
I.BLK-PP072022.D	PIBLK-PP072022.D	Decachlorobiphenyl	2	20	18.7	93		32	175
		Tetrachloro-m-xylene	1	20	17.2	86		60	140
		Decachlorobiphenyl	1	20	19.0	95		60	140
		Tetrachloro-m-xylene	2	20	19.9	99		60	140
		Decachlorobiphenyl	2	20	21.2	106		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q1982</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PO111038.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2017-01MS (Column 1)	MH-IMS AR1016	198	0	198	ug/kg	100				55	146	
	AR1260	198	0	168	ug/kg	85				31	146	
Client Sample ID: Q2017-01MS (Column 2)	MH-IMS AR1016	198	0	231	ug/kg	117				55	146	
	AR1260	198	0	203	ug/kg	103				31	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q1982</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PO111039.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2017-01MSD (Column 1)	MH-IMSD AR1016	197.7	0	189	ug/kg	96		4		55	146	20
	AR1260	197.7	0	161	ug/kg	81		5		31	146	20
Client Sample ID: Q2017-01MSD (Column 2)	MH-IMSD AR1016	197.7	0	219	ug/kg	111		5		55	146	20
	AR1260	197.7	0	194	ug/kg	98		5		31	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q1982</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PO111033.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167972BS (Column 1)	AR1016	166.5	148	ug/kg	89				71	120	
	AR1260	166.5	136	ug/kg	82				65	130	
PB167972BS (Column 2)	AR1016	166.5	170	ug/kg	102				71	120	
	AR1260	166.5	161	ug/kg	97				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167972BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1982

SAS No.: Q1982 SDG NO.: Q1982

Lab Sample ID: PB167972BL

Lab File ID: PO111032.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/13/2025

Date Analyzed (1): 05/13/2025

Date Analyzed (2): 05/13/2025

Time Analyzed (1): 13:24

Time Analyzed (2): 13:24

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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
PB167972BS	PB167972BS	PO111033.D	05/13/2025	05/13/2025
TP-1	Q1982-01	PO111034.D	05/13/2025	05/13/2025
TP-2B	Q1982-02	PO111035.D	05/13/2025	05/13/2025
TP-3	Q1982-03	PO111036.D	05/13/2025	05/13/2025
MH-IMS	Q2017-01MS	PO111038.D	05/13/2025	05/13/2025
MH-IMSD	Q2017-01MSD	PO111039.D	05/13/2025	05/13/2025
TP-4	Q1982-04	PP072009.D	05/13/2025	05/13/2025
TP-5	Q1982-05	PP072010.D	05/13/2025	05/13/2025
TP-6	Q1982-06	PP072011.D	05/13/2025	05/13/2025
TP-8	Q1982-07	PP072012.D	05/13/2025	05/13/2025
TP-9	Q1982-08	PP072013.D	05/13/2025	05/13/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167972BL	SDG No.:	Q1982
Lab Sample ID:	PB167972BL	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	Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111032.D	1	05/13/25 08:30	05/13/25 13:24	PB167972

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	20.6		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		32 - 175	102%	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:	05/02/25
Project:	South River WM Replacement	Date Received:	05/02/25
Client Sample ID:	PIBLK-PO110891.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PO110891.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
PO110891.D	1		05/02/25	PO050225

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	15.2		60 - 140	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		60 - 140	90%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	PIBLK-PO111030.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PO111030.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
PO111030.D	1		05/13/25	po051325

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	15.9		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.2		60 - 140	66%	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:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	PIBLK-PO111045.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PO111045.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
PO111045.D	1		05/13/25	po051325

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	16.2		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.4		60 - 140	67%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	04/22/25
Project:	South River WM Replacement	Date Received:	04/22/25
Client Sample ID:	PIBLK-PP071388.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PP071388.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
PP071388.D	1		04/22/25	PP042225

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	17.1		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 140	88%	SPK: 20

Comments:

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MDL = Method Detection Limit

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	PIBLK-PP072007.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PP072007.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
PP072007.D	1		05/13/25	pp051325

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	17.1		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 140	95%	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

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	PIBLK-PP072022.D	SDG No.:	Q1982
Lab Sample ID:	I.BLK-PP072022.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
PP072022.D	1		05/13/25	pp051325

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	17.2		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		60 - 140	95%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167972BS	SDG No.:	Q1982
Lab Sample ID:	PB167972BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
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
PO111033.D	1	05/13/25 08:30	05/13/25 13:42	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	170		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	161		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		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:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	MH-IMS	SDG No.:	Q1982
Lab Sample ID:	Q2017-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.1
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
PO111038.D	1	05/13/25 08:30	05/13/25 15:14	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	231		4.70	20.2	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.2	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.2	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.2	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.2	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.2	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.2	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.2	ug/kg
11096-82-5	Aroclor-1260	203		3.80	20.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		32 - 175	95%	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:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	MH-IMSD	SDG No.:	Q1982
Lab Sample ID:	Q2017-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.1
Sample Wt/Vol:	30.07	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
PO111039.D	1	05/13/25 08:30	05/13/25 15:32	PB167972

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	219		4.70	20.2	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.2	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.2	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.2	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.2	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.2	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.2	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.2	ug/kg
11096-82-5	Aroclor-1260	194		3.80	20.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		32 - 175	92%	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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C
D
E
F
G
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L

Calibration Times: 09:45 18:29

LAB FILE ID:	RT 1000 =	<u>PO110892.D</u>	RT 750 =	<u>PO110893.D</u>
	RT 500 =	PO110894.D	RT 250 =	PO110895.D
			RT 050 =	PO110896.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene	3.69	3.68	3.68	3.68	3.68	3.68	3.58	3.78

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Calibration Times: 09:45 18:29

LAB FILE ID:	RT 1000 =	<u>PO110892.D</u>	RT 750 =	<u>PO110893.D</u>
	RT 500 =	PO110894.D	RT 250 =	PO110895.D
			RT 050 =	PO110896.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene	3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

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

Instrument ID: ECD_O

Calibration Date(s): 05/02/2025 05/02/2025

Calibration Times: 09:45 18:29

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

LAB FILE ID:		CF 1000 = <u>PO110892.D</u>		CF 750 = <u>PO110893.D</u>			
CF 500 = <u>PO110894.D</u>		CF 250 = <u>PO110895.D</u>		CF 050 = <u>PO110896.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	205272828	215983025	220080828	235959088	227775760	5
Aroclor-1016-2	(2)	293649877	304461169	310578602	332973160	309197320	5
Aroclor-1016-3	(3)	200575527	209792187	228714718	228670052	275757960	13
Aroclor-1016-4	(4)	157876141	164543576	165703006	180476220	167365060	5
Aroclor-1016-5	(5)	165250516	172786223	176016614	187973036	188417460	6
Aroclor-1260-1	(1)	299528495	310321508	357380970	344999836	350884960	8
Aroclor-1260-2	(2)	375796209	385860701	423713836	432768876	455924780	8
Aroclor-1260-3	(3)	331231566	345042447	348673676	380747372	355635520	5
Aroclor-1260-4	(4)	287326179	298526096	307780692	326694172	300854140	5
Aroclor-1260-5	(5)	714199547	732981263	738786548	770004572	715959260	3
Decachlorobiphenyl		5762043410	5976019093	6119819720	6535356640	6119083200	5
Tetrachloro-m-xylene		5640516600	5793090093	5814049480	5979617160	5376745600	4
Aroclor-1242-1	(1)	176981853	185116560	185903338	191867692	179768720	3
Aroclor-1242-2	(2)	248451544	259422057	262337068	268657800	249152060	3
Aroclor-1242-3	(3)	171468652	180242387	187546770	185300204	185990780	4
Aroclor-1242-4	(4)	135335611	141504689	137968130	144888608	138568260	3
Aroclor-1242-5	(5)	144449327	152342121	161991074	160079152	160611300	5
Decachlorobiphenyl		5888460680	6135811280	6361723380	6789227280	6534385000	5
Tetrachloro-m-xylene		5816337050	5952986400	5895080000	5859556880	5258170400	5
Aroclor-1248-1	(1)	121536205	127705265	130603610	144623292	132343180	6
Aroclor-1248-2	(2)	162731657	171357039	171082906	193805280	177185940	7
Aroclor-1248-3	(3)	203361335	212932001	224036516	237622448	224385900	6
Aroclor-1248-4	(4)	300072071	315606644	331791156	346867216	344233840	6
Aroclor-1248-5	(5)	214600452	227122772	239037018	247001276	239477160	5
Decachlorobiphenyl		5890541470	6016185987	6113782300	6522801160	6218016400	4
Tetrachloro-m-xylene		5360495470	5533054973	5662822400	5992082280	5333513200	5
Aroclor-1254-1	(1)	319345291	329724384	340849730	358341332	339594100	4
Aroclor-1254-2	(2)	276203446	284791309	279985404	309908104	287617260	5
Aroclor-1254-3	(3)	446238177	457590699	450758250	483882000	448018680	3
Aroclor-1254-4	(4)	292919199	302510501	306441382	325562828	296693300	4
Aroclor-1254-5	(5)	404187735	415856485	428424788	442235180	418736540	3
Decachlorobiphenyl		5824726420	5999804813	6165911280	6499697280	6156562800	4
Tetrachloro-m-xylene		5742417230	5862219200	5650151880	5979436800	5275508000	5
Aroclor-1268-1	(1)	896153865	926162523	941758782	962020664	723117100	11

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	817138385	845332508	859374938	871448836	618985700	802456073	13
Aroclor-1268-3	(3)	700056139	727016721	743173404	777029204	485178120	686490718	17
Aroclor-1268-4	(4)	290278356	301378231	310704250	301315608	186344660	278004221	19
Aroclor-1268-5	(5)	2111394804	2165208924	2192889384	2191925276	1556953500	2043674378	13
Decachlorobiphenyl		9668330710	10000331827	10286699760	10673766240	7236899600	9573205627	14
Tetrachloro-m-xylene		5733099360	5947944293	6006966740	5857115440	4050912800	5519207727	15

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

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

Instrument ID: ECD_O

Calibration Date(s): 05/02/2025 05/02/2025

Calibration Times: 09:45 18:29

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

LAB FILE ID:		CF 1000 = <u>PO110892.D</u>		CF 750 = <u>PO110893.D</u>			
CF 500 = <u>PO110894.D</u>		CF 250 = <u>PO110895.D</u>		CF 050 = <u>PO110896.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	149864780	155342161	160079260	169311912	159788520	5
Aroclor-1016-2	(2)	219190287	226881592	230228012	243078600	223459140	4
Aroclor-1016-3	(3)	115546215	120208939	121092586	129522560	123310560	4
Aroclor-1016-4	(4)	93391182	97789509	98795898	109141820	104686600	6
Aroclor-1016-5	(5)	121423362	126889816	129833168	138823224	140043820	6
Aroclor-1260-1	(1)	204930694	212718488	227899190	231696056	226602120	5
Aroclor-1260-2	(2)	239681762	248766996	261166512	271700624	264826280	5
Aroclor-1260-3	(3)	221530151	228751101	234453782	244020668	236962940	4
Aroclor-1260-4	(4)	170273922	175982431	180266706	192386684	191569220	5
Aroclor-1260-5	(5)	381142655	390353621	394137820	413580012	386753940	3
Decachlorobiphenyl		1565991170	1628694360	1670678300	1820043040	1750865000	6
Tetrachloro-m-xylene		4873476820	4959692227	4943730000	5053567440	4385038400	5
Aroclor-1242-1	(1)	126696062	131244364	133543764	137462260	132686540	3
Aroclor-1242-2	(2)	183881128	190537707	191119380	198040176	186792600	3
Aroclor-1242-3	(3)	97737881	100991139	100728974	105443604	101703080	3
Aroclor-1242-4	(4)	96899292	100789483	101848010	108282984	110731860	5
Aroclor-1242-5	(5)	117846629	122764163	128470028	129569412	134178400	5
Decachlorobiphenyl		1581409100	1651702053	1723068280	1854149680	1841501800	7
Tetrachloro-m-xylene		4949133850	5031153467	4951741480	4917316560	4332160200	6
Aroclor-1248-1	(1)	87941740	92961549	95706288	105890496	99374720	7
Aroclor-1248-2	(2)	122909953	128143691	129857510	147382408	147315620	8
Aroclor-1248-3	(3)	130631111	136650091	140843376	155821620	161768460	9
Aroclor-1248-4	(4)	152910119	159634252	167154668	179556460	178325460	7
Aroclor-1248-5	(5)	153836776	160964761	166669664	176993068	180929020	7
Decachlorobiphenyl		1588810710	1628189973	1677509060	1824689280	1788158000	6
Tetrachloro-m-xylene		4523432400	4647961000	4697197520	4921079920	4297819000	5
Aroclor-1254-1	(1)	235828564	243322039	251373422	265906824	258688780	5
Aroclor-1254-2	(2)	204202116	211503215	212412124	232810672	230002440	6
Aroclor-1254-3	(3)	321967296	329739988	331218024	352064504	336057900	3
Aroclor-1254-4	(4)	186026034	191129692	193993898	207080376	192576100	4
Aroclor-1254-5	(5)	258387827	265723240	269125052	284271756	263896920	4
Decachlorobiphenyl		1596471620	1664497613	1770754040	1862933480	1793707400	6
Tetrachloro-m-xylene		4892916100	4959789800	4827954520	5059694080	4400436000	5
Aroclor-1268-1	(1)	431329394	443482049	458800046	475095940	346070080	12

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	393313730	402469447	415819218	425448780	282321060	383874447	15
Aroclor-1268-3	(3)	288901411	296833589	308143202	319701408	206561000	284028122	16
Aroclor-1268-4	(4)	104991080	109698192	113297320	116938616	75686280	104122298	16
Aroclor-1268-5	(5)	621133951	632445772	656653064	675073308	449411560	606943531	15
Decachlorobiphenyl		2723582030	2812322040	2967739480	3112316920	2102563400	2743704774	14
Tetrachloro-m-xylene		5047265870	5200790400	5217527280	4979898320	3444407800	4777977934	16

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

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

Instrument ID: ECD_O Date(s) Analyzed: 05/02/2025 05/02/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.90	3.80	4.00	87068200
		2	3.98	3.88	4.08	67711400
		3	4.06	3.96	4.16	197771000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.06	3.96	4.16	153584000
		2	4.55	4.45	4.65	82380800
		3	4.80	4.70	4.90	159085000
		4	4.97	4.87	5.07	84170600
		5	5.01	4.91	5.11	58872400
Aroclor-1262	500	1	6.82	6.72	6.92	460420000
		2	7.33	7.23	7.43	786498000
		3	7.61	7.51	7.71	334078000
		4	7.67	7.57	7.77	578510000
		5	8.17	8.07	8.27	266794000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

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

Instrument ID: ECD_O Date(s) Analyzed: 05/02/2025 05/02/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.89	3.79	3.99	66565800
		2	3.98	3.88	4.08	51331600
		3	4.05	3.95	4.15	153037000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.05	3.95	4.15	117462000
		2	4.78	4.68	4.88	115035000
		3	4.95	4.85	5.05	60286400
		4	5.04	4.94	5.14	55712600
		5	5.21	5.11	5.31	58864800
Aroclor-1262	500	1	6.79	6.69	6.89	282404000
		2	7.29	7.19	7.39	439308000
		3	7.58	7.48	7.68	162362000
		4	7.64	7.54	7.74	291128000
		5	8.13	8.03	8.23	98593000

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CAMP02

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

Instrument ID: ECD_P Calibration Date(s): 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID:	RT 1000 = <u>PP071389.D</u>	RT 750 = <u>PP071390.D</u>
RT 500 = <u>PP071391.D</u>	RT 250 = <u>PP071392.D</u>	RT 050 = <u>PP071393.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.66	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1016-5	(5)	6.14	6.14	6.15	6.14	6.14	6.14	6.04	6.24
Aroclor-1260-1	(1)	7.26	7.26	7.27	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.51	7.51	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-3	(3)	7.87	7.87	7.88	7.87	7.88	7.87	7.77	7.97
Aroclor-1260-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1260-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52
Decachlorobiphenyl		10.23	10.23	10.24	10.23	10.24	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.52	4.51	4.52	4.51	4.41	4.61
Aroclor-1242-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1242-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1242-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1242-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.23	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.51	4.52	4.51	4.51	4.52	4.51	4.41	4.61
Aroclor-1248-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1248-2	(2)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1248-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1248-4	(4)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1248-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.24	10.24	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.51	4.51	4.51	4.51	4.41	4.61
Aroclor-1254-1	(1)	6.52	6.52	6.52	6.52	6.52	6.52	6.42	6.62
Aroclor-1254-2	(2)	6.74	6.74	6.74	6.73	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Decachlorobiphenyl		10.24	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.52	4.51	4.51	4.51	4.41	4.61
Aroclor-1268-1	(1)	8.73	8.73	8.73	8.74	8.73	8.73	8.63	8.83
Aroclor-1268-2	(2)	8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Aroclor-1268-3	(3)	9.06	9.06	9.06	9.06	9.06	9.06	8.96	9.16
Aroclor-1268-4	(4)	9.48	9.48	9.48	9.48	9.48	9.48	9.38	9.58
Aroclor-1268-5	(5)	9.89	9.89	9.89	9.90	9.89	9.90	9.80	10.00

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.24	10.23	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene	4.51	4.52	4.52	4.52	4.51	4.52	4.42	4.62

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Calibration Times: 10:29 17:49

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D
RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene	3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

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

Instrument ID: ECD_P

Calibration Date(s): 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID:		CF 1000 = <u>PP071389.D</u>		CF 750 = <u>PP071390.D</u>			
CF 500 = <u>PP071391.D</u>		CF 250 = <u>PP071392.D</u>		CF 050 = <u>PP071393.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	64709894	67652695	70083532	71128656	61674340	67049823
Aroclor-1016-2	(2)	98977911	102364897	107369074	108813892	95615840	102628323
Aroclor-1016-3	(3)	59905708	62127143	64296308	65849928	56056440	61647105
Aroclor-1016-4	(4)	50563747	52419789	53619076	54941428	44946700	51298148
Aroclor-1016-5	(5)	47772963	49344036	50670668	50888564	42515680	48238382
Aroclor-1260-1	(1)	90879847	94857525	98814986	99659744	95910940	96024608
Aroclor-1260-2	(2)	137163459	142386411	147498372	149887700	138450980	143077384
Aroclor-1260-3	(3)	110350751	114445481	117702804	126515524	91505860	112104084
Aroclor-1260-4	(4)	105570732	110780085	111211068	131260612	105501660	112864831
Aroclor-1260-5	(5)	220536830	229070229	228919678	255108180	199231240	226573231
Decachlorobiphenyl		1409816860	1467002307	1522583160	1539948480	1300700600	1448010281
Tetrachloro-m-xylene		1947183160	2005072840	2066603680	2100352680	1793966200	1982635712
Aroclor-1242-1	(1)	53870259	55684409	58494980	58676784	47130380	54771362
Aroclor-1242-2	(2)	81881116	85641493	90236470	89744200	77399340	84980524
Aroclor-1242-3	(3)	49423643	51294363	53309060	53836868	47752740	51123335
Aroclor-1242-4	(4)	41638031	42855355	45034468	44656444	36858500	42208560
Aroclor-1242-5	(5)	44955701	46392219	48330700	47956460	43817460	46290508
Decachlorobiphenyl		1368547670	1421241013	1488838040	1503303480	1179092600	1392204561
Tetrachloro-m-xylene		1868945350	1926494133	2017272340	2030390160	1613146400	1891249677
Aroclor-1248-1	(1)	42447397	43370463	44490672	45736348	38649560	42938888
Aroclor-1248-2	(2)	57932834	60215229	62023042	63285912	58705480	60432499
Aroclor-1248-3	(3)	65030901	68053485	69372090	70318056	61147600	66784426
Aroclor-1248-4	(4)	80777360	84441085	86910244	89142916	81782860	84610893
Aroclor-1248-5	(5)	76029464	78502729	80776474	83552224	78380620	79448302
Decachlorobiphenyl		1379130770	1440268240	1485619680	1521197800	1358343200	1436911938
Tetrachloro-m-xylene		1879191440	1925518227	1989640420	2037603040	1811949400	1928780505
Aroclor-1254-1	(1)	78574372	81246615	85577334	88598188	75759400	81951182
Aroclor-1254-2	(2)	121624435	125816099	132146328	137115708	118678260	127076166
Aroclor-1254-3	(3)	123432630	127799839	132981654	137623252	117036460	127774767
Aroclor-1254-4	(4)	112512019	116259037	121737436	124392856	112665620	117513394
Aroclor-1254-5	(5)	106399089	105922557	113785120	116153044	96391680	107730298
Decachlorobiphenyl		1410101810	1469202520	1526389740	1549706840	1328725400	1456825262
Tetrachloro-m-xylene		1888241120	1936990333	2012368600	2071565920	1722515200	1926336235
Aroclor-1268-1	(1)	299594266	309097848	319744804	331826088	282063800	308465361

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	251109850	259047004	267960354	275856908	228123960	256419615	7
Aroclor-1268-3	(3)	211915080	218354113	225284280	231505696	216470880	220706010	4
Aroclor-1268-4	(4)	93231632	96431025	99007040	98059984	82736300	93893196	7
Aroclor-1268-5	(5)	590082071	603740247	621062448	631335032	536707900	596585540	6
Decachlorobiphenyl		2486623660	2556709627	2669414960	2694667240	2263272000	2534137497	7
Tetrachloro-m-xylene		1883977950	1931567613	1982008260	2006991440	1590966000	1879102253	9

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

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

Instrument ID: ECD_P

Calibration Date(s): 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID:		CF 1000 = <u>PP071389.D</u>		CF 750 = <u>PP071390.D</u>			
CF 500 = <u>PP071391.D</u>		CF 250 = <u>PP071392.D</u>		CF 050 = <u>PP071393.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	48121828	49414308	53806128	56180596	60145020	53533576
Aroclor-1016-2	(2)	69736709	72096436	77213744	78520924	84250740	76363711
Aroclor-1016-3	(3)	38517048	40455577	43831736	45082616	43165080	42210411
Aroclor-1016-4	(4)	31206636	32814844	36123020	37095092	35190100	34485938
Aroclor-1016-5	(5)	39458687	41985771	45850608	46345748	48595640	44447291
Aroclor-1260-1	(1)	63219917	66123699	73727666	76350368	82074520	72299234
Aroclor-1260-2	(2)	77338708	77548395	89921718	91492956	101005300	87461415
Aroclor-1260-3	(3)	72062678	70944365	81698234	79344004	87888600	78387576
Aroclor-1260-4	(4)	57333188	56779915	65331750	68083052	68025140	63110609
Aroclor-1260-5	(5)	143809415	139161576	155842678	157512280	157560640	150777318
Decachlorobiphenyl		831147600	875337973	902319620	934998560	841460400	877052831
Tetrachloro-m-xylene		1380433570	1378340613	1415112020	1448341640	1420974200	1408640409
Aroclor-1242-1	(1)	42717527	44660211	47919806	49576672	46343800	46243603
Aroclor-1242-2	(2)	62346958	64901092	68295906	70279172	64290540	66022734
Aroclor-1242-3	(3)	34614031	35703872	38469574	40739776	32714120	36448275
Aroclor-1242-4	(4)	33518120	34659665	37548334	39683016	33143760	35710579
Aroclor-1242-5	(5)	41214500	42688541	44971456	47258656	41407120	43508055
Decachlorobiphenyl		815615080	851726400	897002660	917481280	766770800	849719244
Tetrachloro-m-xylene		1295159620	1325412680	1503876340	1432488040	1389045200	1389196376
Aroclor-1248-1	(1)	30996932	35945815	36538014	39256084	37796080	36106585
Aroclor-1248-2	(2)	43624561	47309389	48616518	53505512	51756020	48962400
Aroclor-1248-3	(3)	45791659	49899927	50774174	56002176	52959580	51085503
Aroclor-1248-4	(4)	53871444	58562581	58680784	64889280	67282380	60657294
Aroclor-1248-5	(5)	52150607	56290108	57608714	65271236	60133720	58290877
Decachlorobiphenyl		826375100	860756013	900400040	940375840	921771600	889935719
Tetrachloro-m-xylene		1324712230	1514156880	1548203640	1434858960	1416930600	1447772462
Aroclor-1254-1	(1)	81690839	87361264	89755404	97285536	100908960	91400401
Aroclor-1254-2	(2)	70045476	75469849	77317914	83154376	87573280	78712179
Aroclor-1254-3	(3)	109725744	114103376	120096818	124380164	124235440	118508308
Aroclor-1254-4	(4)	70169900	74068720	77810162	81877428	81901880	77165618
Aroclor-1254-5	(5)	92229111	96109599	104690794	107384400	106924600	101467701
Decachlorobiphenyl		846307500	875335867	916104900	955261880	868223800	892246789
Tetrachloro-m-xylene		1390553300	1501013893	1450901500	1518608160	1468503000	1465915971
Aroclor-1268-1	(1)	181860271	188460193	203483780	205414332	201904640	196224643

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	154801411	159518377	172755008	173272408	170561360	166181713	5
Aroclor-1268-3	(3)	128491160	133089205	143083692	144773184	135469120	136981272	5
Aroclor-1268-4	(4)	56964280	59695839	63521398	64177792	55793320	60030526	6
Aroclor-1268-5	(5)	367021219	377695863	385175068	387479012	342861840	372046600	5
Decachlorobiphenyl		1499051200	1546040093	1602790460	1652739760	1464953600	1553115023	5
Tetrachloro-m-xylene		1476470990	1445952813	1464214380	1457737600	1300882000	1429051557	5

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

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

Instrument ID: ECD_P Date(s) Analyzed: 04/22/2025 04/22/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.72	4.62	4.82	24116800
		2	4.80	4.70	4.90	18016900
		3	4.88	4.78	4.98	56611200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.88	4.78	4.98	44912000
		2	5.40	5.30	5.50	23013000
		3	5.69	5.59	5.79	47217600
		4	5.85	5.75	5.95	23179400
		5	5.94	5.84	6.04	16145700
Aroclor-1262	500	1	8.10	8.00	8.20	144491000
		2	8.42	8.32	8.52	274186000
		3	8.74	8.64	8.84	182878000
		4	8.82	8.72	8.92	134211000
		5	9.48	9.38	9.58	88162000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

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

Instrument ID: ECD_P Date(s) Analyzed: 04/22/2025 04/22/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.02	3.92	4.12	21995000
		2	4.11	4.01	4.21	16561700
		3	4.19	4.09	4.29	48477000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.19	4.09	4.29	38317800
		2	4.92	4.82	5.02	38187400
		3	5.09	4.99	5.19	21175200
		4	5.18	5.08	5.28	18540400
		5	5.35	5.25	5.45	19901900
Aroclor-1262	500	1	6.94	6.84	7.04	113612000
		2	7.20	7.10	7.30	92339400
		3	7.72	7.62	7.82	75694400
		4	7.79	7.69	7.89	124826000
		5	8.29	8.19	8.39	55493200

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 05/13/2025 Initial Calibration Date(s): 05/02/2025 05/02/2025

Continuing Calib Time: 09:08 Initial Calibration Time(s): 09:45 18:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.77	4.67	4.87	-0.01
Aroclor-1016-2	(2)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-3	(3)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.82	6.82	6.72	6.92	0.00
Aroclor-1260-4	(4)	7.08	7.08	6.98	7.18	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.68	3.58	3.78	-0.01
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 05/13/2025 Initial Calibration Date(s): 05/02/2025 05/02/2025

Continuing Calib Time: 09:08 Initial Calibration Time(s): 09:45 18:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-4	(4)	7.05	7.05	6.95	7.15	0.00
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.67	8.68	8.58	8.78	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/02/2025 05/02/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO111026.D Time Analyzed: 09:08

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.775	4.673	4.873	450.880	500.000	-9.8
Aroclor-1016-2	4.794	4.692	4.892	462.430	500.000	-7.5
Aroclor-1016-3	4.851	4.748	4.948	435.760	500.000	-12.8
Aroclor-1016-4	4.971	4.868	5.068	471.860	500.000	-5.6
Aroclor-1016-5	5.228	5.125	5.325	458.360	500.000	-8.3
Aroclor-1260-1	6.268	6.165	6.365	421.560	500.000	-15.7
Aroclor-1260-2	6.457	6.355	6.555	419.450	500.000	-16.1
Aroclor-1260-3	6.824	6.722	6.922	436.640	500.000	-12.7
Aroclor-1260-4	7.083	6.982	7.182	429.160	500.000	-14.2
Aroclor-1260-5	7.326	7.225	7.425	425.180	500.000	-15.0
Decachlorobiphenyl	8.725	8.625	8.825	44.830	50.000	-10.3
Tetrachloro-m-xylene	3.686	3.583	3.783	50.700	50.000	1.4

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/02/2025 05/02/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO111026.D Time Analyzed: 09:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.759	4.660	4.860	523.220	500.000	4.6
Aroclor-1016-2	4.777	4.679	4.879	521.360	500.000	4.3
Aroclor-1016-3	4.953	4.854	5.054	525.860	500.000	5.2
Aroclor-1016-4	4.995	4.896	5.096	530.660	500.000	6.1
Aroclor-1016-5	5.208	5.109	5.309	522.190	500.000	4.4
Aroclor-1260-1	6.239	6.139	6.339	504.420	500.000	0.9
Aroclor-1260-2	6.426	6.327	6.527	503.080	500.000	0.6
Aroclor-1260-3	6.579	6.480	6.680	506.160	500.000	1.2
Aroclor-1260-4	7.049	6.950	7.150	491.110	500.000	-1.8
Aroclor-1260-5	7.290	7.192	7.392	485.360	500.000	-2.9
Decachlorobiphenyl	8.674	8.576	8.776	56.070	50.000	12.1
Tetrachloro-m-xylene	3.681	3.580	3.780	54.570	50.000	9.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 05/13/2025 Initial Calibration Date(s): 05/02/2025 05/02/2025

Continuing Calib Time: 17:33 Initial Calibration Time(s): 09:45 18:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-2	(2)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-3	(3)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-2	(2)	6.45	6.46	6.36	6.56	0.01
Aroclor-1260-3	(3)	6.82	6.82	6.72	6.92	0.00
Aroclor-1260-4	(4)	7.08	7.08	6.98	7.18	0.00
Aroclor-1260-5	(5)	7.32	7.33	7.23	7.43	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.72	8.73	8.63	8.83	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 05/13/2025 Initial Calibration Date(s): 05/02/2025 05/02/2025

Continuing Calib Time: 17:33 Initial Calibration Time(s): 09:45 18:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-4	(4)	4.99	5.00	4.90	5.10	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-4	(4)	7.05	7.05	6.95	7.15	0.00
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.67	8.68	8.58	8.78	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/02/2025 05/02/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO111041.D Time Analyzed: 17:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.773	4.673	4.873	441.850	500.000	-11.6
Aroclor-1016-2	4.792	4.692	4.892	451.170	500.000	-9.8
Aroclor-1016-3	4.848	4.748	4.948	420.910	500.000	-15.8
Aroclor-1016-4	4.968	4.868	5.068	454.170	500.000	-9.2
Aroclor-1016-5	5.226	5.125	5.325	452.120	500.000	-9.6
Aroclor-1260-1	6.264	6.165	6.365	412.050	500.000	-17.6
Aroclor-1260-2	6.454	6.355	6.555	412.210	500.000	-17.6
Aroclor-1260-3	6.821	6.722	6.922	427.000	500.000	-14.6
Aroclor-1260-4	7.081	6.982	7.182	419.970	500.000	-16.0
Aroclor-1260-5	7.323	7.225	7.425	419.140	500.000	-16.2
Decachlorobiphenyl	8.721	8.625	8.825	44.490	50.000	-11.0
Tetrachloro-m-xylene	3.684	3.583	3.783	49.800	50.000	-0.4

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/02/2025 05/02/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO111041.D Time Analyzed: 17:33

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.758	4.660	4.860	518.770	500.000	3.8
Aroclor-1016-2	4.776	4.679	4.879	521.960	500.000	4.4
Aroclor-1016-3	4.952	4.854	5.054	521.280	500.000	4.3
Aroclor-1016-4	4.994	4.896	5.096	520.570	500.000	4.1
Aroclor-1016-5	5.206	5.109	5.309	522.110	500.000	4.4
Aroclor-1260-1	6.237	6.139	6.339	495.860	500.000	-0.8
Aroclor-1260-2	6.425	6.327	6.527	495.370	500.000	-0.9
Aroclor-1260-3	6.577	6.480	6.680	494.830	500.000	-1.0
Aroclor-1260-4	7.048	6.950	7.150	476.630	500.000	-4.7
Aroclor-1260-5	7.288	7.192	7.392	470.130	500.000	-6.0
Decachlorobiphenyl	8.671	8.576	8.776	55.420	50.000	10.8
Tetrachloro-m-xylene	3.680	3.580	3.780	54.320	50.000	8.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 05/13/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 08:46 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.65	5.67	5.57	5.77	0.02
Aroclor-1016-2	(2)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.74	5.75	5.65	5.85	0.01
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.13	6.15	6.05	6.25	0.02
Aroclor-1260-1	(1)	7.25	7.27	7.17	7.37	0.02
Aroclor-1260-2	(2)	7.50	7.52	7.42	7.62	0.02
Aroclor-1260-3	(3)	7.86	7.88	7.78	7.98	0.02
Aroclor-1260-4	(4)	8.08	8.10	8.00	8.20	0.02
Aroclor-1260-5	(5)	8.40	8.42	8.32	8.52	0.02
Tetrachloro-m-xylene		4.50	4.52	4.42	4.62	0.02
Decachlorobiphenyl		10.21	10.24	10.14	10.34	0.03

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 05/13/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 08:46 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.90	4.92	4.82	5.02	0.02
Aroclor-1016-3	(3)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-4	(4)	5.12	5.14	5.04	5.24	0.02
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.37	6.39	6.29	6.49	0.02
Aroclor-1260-2	(2)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-3	(3)	6.71	6.73	6.63	6.83	0.02
Aroclor-1260-4	(4)	7.18	7.20	7.10	7.30	0.02
Aroclor-1260-5	(5)	7.42	7.44	7.34	7.54	0.02
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.85	8.75	8.95	0.03

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL03 Date Analyzed: 05/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072003.D Time Analyzed: 08:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.654	5.571	5.771	435.580	500.000	-12.9
Aroclor-1016-2	5.676	5.593	5.793	489.540	500.000	-2.1
Aroclor-1016-3	5.740	5.654	5.854	498.220	500.000	-0.4
Aroclor-1016-4	5.837	5.752	5.952	497.870	500.000	-0.4
Aroclor-1016-5	6.129	6.045	6.245	473.280	500.000	-5.3
Aroclor-1260-1	7.246	7.165	7.365	487.530	500.000	-2.5
Aroclor-1260-2	7.500	7.418	7.618	494.000	500.000	-1.2
Aroclor-1260-3	7.859	7.777	7.977	521.410	500.000	4.3
Aroclor-1260-4	8.083	8.002	8.202	497.080	500.000	-0.6
Aroclor-1260-5	8.402	8.322	8.522	523.000	500.000	4.6
Decachlorobiphenyl	10.210	10.137	10.337	54.410	50.000	8.8
Tetrachloro-m-xylene	4.503	4.417	4.617	50.830	50.000	1.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL03 Date Analyzed: 05/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072003.D Time Analyzed: 08:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.885	4.798	4.998	565.920	500.000	13.2
Aroclor-1016-2	4.903	4.816	5.016	546.000	500.000	9.2
Aroclor-1016-3	5.081	4.993	5.193	524.510	500.000	4.9
Aroclor-1016-4	5.122	5.036	5.236	541.610	500.000	8.3
Aroclor-1016-5	5.335	5.250	5.450	554.940	500.000	11.0
Aroclor-1260-1	6.369	6.285	6.485	581.080	500.000	16.2
Aroclor-1260-2	6.557	6.473	6.673	573.180	500.000	14.6
Aroclor-1260-3	6.710	6.627	6.827	574.760	500.000	15.0
Aroclor-1260-4	7.180	7.098	7.298	580.790	500.000	16.2
Aroclor-1260-5	7.422	7.339	7.539	560.270	500.000	12.1
Decachlorobiphenyl	8.824	8.749	8.949	60.150	50.000	20.3
Tetrachloro-m-xylene	3.803	3.712	3.912	56.690	50.000	13.4

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 05/13/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 16:35 Initial Calibration Time(s): 10:29 17:49

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	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.74	5.75	5.65	5.85	0.01
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.13	6.15	6.05	6.25	0.02
Aroclor-1260-1	(1)	7.25	7.27	7.17	7.37	0.02
Aroclor-1260-2	(2)	7.50	7.52	7.42	7.62	0.02
Aroclor-1260-3	(3)	7.86	7.88	7.78	7.98	0.02
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.40	8.42	8.32	8.52	0.02
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.21	10.24	10.14	10.34	0.03

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 05/13/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 16:35 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.90	4.92	4.82	5.02	0.02
Aroclor-1016-3	(3)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-4	(4)	5.12	5.14	5.04	5.24	0.02
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.37	6.39	6.29	6.49	0.02
Aroclor-1260-2	(2)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-3	(3)	6.71	6.73	6.63	6.83	0.02
Aroclor-1260-4	(4)	7.18	7.20	7.10	7.30	0.02
Aroclor-1260-5	(5)	7.42	7.44	7.34	7.54	0.02
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.83	8.85	8.75	8.95	0.03

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

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

Lab Sample No.: AR1660CCC500 Data File : PP072018.D Time Analyzed: 16:35

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.656	5.571	5.771	518.150	500.000	3.6
Aroclor-1016-2	5.678	5.593	5.793	499.780	500.000	0.0
Aroclor-1016-3	5.742	5.654	5.854	495.300	500.000	-0.9
Aroclor-1016-4	5.839	5.752	5.952	494.370	500.000	-1.1
Aroclor-1016-5	6.131	6.045	6.245	481.030	500.000	-3.8
Aroclor-1260-1	7.249	7.165	7.365	482.940	500.000	-3.4
Aroclor-1260-2	7.503	7.418	7.618	488.250	500.000	-2.4
Aroclor-1260-3	7.861	7.777	7.977	513.420	500.000	2.7
Aroclor-1260-4	8.085	8.002	8.202	494.760	500.000	-1.0
Aroclor-1260-5	8.404	8.322	8.522	521.650	500.000	4.3
Decachlorobiphenyl	10.212	10.137	10.337	52.800	50.000	5.6
Tetrachloro-m-xylene	4.505	4.417	4.617	50.480	50.000	1.0

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

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

Lab Sample No.: AR1660CCC500 Data File : PP072018.D Time Analyzed: 16:35

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.885	4.798	4.998	536.020	500.000	7.2
Aroclor-1016-2	4.904	4.816	5.016	582.240	500.000	16.4
Aroclor-1016-3	5.081	4.993	5.193	526.540	500.000	5.3
Aroclor-1016-4	5.122	5.036	5.236	533.710	500.000	6.7
Aroclor-1016-5	5.337	5.250	5.450	561.140	500.000	12.2
Aroclor-1260-1	6.370	6.285	6.485	573.210	500.000	14.6
Aroclor-1260-2	6.558	6.473	6.673	564.270	500.000	12.9
Aroclor-1260-3	6.711	6.627	6.827	559.120	500.000	11.8
Aroclor-1260-4	7.181	7.098	7.298	568.790	500.000	13.8
Aroclor-1260-5	7.422	7.339	7.539	570.140	500.000	14.0
Decachlorobiphenyl	8.825	8.749	8.949	58.500	50.000	17.0
Tetrachloro-m-xylene	3.803	3.712	3.912	56.510	50.000	13.0

Analytical Sequence

Client: CDM Smith	SDG No.: Q1982	
Project: South River WM Replacement	Instrument ID: ECD_O	
GC Column: ZB-MR1	ID: 0.32 (mm)	Inst. Calib. Date(s): 05/02/2025 05/02/2025

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	05/02/2025	09:27	PO110891.D	8.73	3.69
AR1660ICC1000	AR1660ICC1000	05/02/2025	09:45	PO110892.D	8.73	3.69
AR1660ICC750	AR1660ICC750	05/02/2025	10:04	PO110893.D	8.73	3.69
AR1660ICC500	AR1660ICC500	05/02/2025	10:21	PO110894.D	8.73	3.68
AR1660ICC250	AR1660ICC250	05/02/2025	10:39	PO110895.D	8.73	3.69
AR1660ICC050	AR1660ICC050	05/02/2025	10:58	PO110896.D	8.73	3.68
AR1221ICC500	AR1221ICC500	05/02/2025	11:16	PO110897.D	8.73	3.69
AR1232ICC500	AR1232ICC500	05/02/2025	11:34	PO110898.D	8.73	3.69
AR1242ICC1000	AR1242ICC1000	05/02/2025	11:53	PO110899.D	8.73	3.69
AR1242ICC750	AR1242ICC750	05/02/2025	12:11	PO110900.D	8.73	3.69
AR1242ICC500	AR1242ICC500	05/02/2025	12:29	PO110901.D	8.73	3.69
AR1242ICC250	AR1242ICC250	05/02/2025	12:48	PO110902.D	8.73	3.69
AR1242ICC050	AR1242ICC050	05/02/2025	13:06	PO110903.D	8.73	3.69
AR1248ICC1000	AR1248ICC1000	05/02/2025	13:25	PO110904.D	8.73	3.69
AR1248ICC750	AR1248ICC750	05/02/2025	13:43	PO110905.D	8.73	3.69
AR1248ICC500	AR1248ICC500	05/02/2025	14:00	PO110906.D	8.73	3.68
AR1248ICC250	AR1248ICC250	05/02/2025	14:35	PO110907.D	8.73	3.68
AR1248ICC050	AR1248ICC050	05/02/2025	14:53	PO110908.D	8.73	3.68
AR1254ICC1000	AR1254ICC1000	05/02/2025	15:12	PO110909.D	8.73	3.69
AR1254ICC750	AR1254ICC750	05/02/2025	15:30	PO110910.D	8.73	3.69
AR1254ICC500	AR1254ICC500	05/02/2025	15:48	PO110911.D	8.73	3.68
AR1254ICC250	AR1254ICC250	05/02/2025	16:07	PO110912.D	8.73	3.68
AR1254ICC050	AR1254ICC050	05/02/2025	16:25	PO110913.D	8.73	3.68
AR1262ICC500	AR1262ICC500	05/02/2025	17:01	PO110914.D	8.73	3.68
AR1268ICC1000	AR1268ICC1000	05/02/2025	17:19	PO110915.D	8.73	3.69
AR1268ICC750	AR1268ICC750	05/02/2025	17:38	PO110916.D	8.73	3.68
AR1268ICC500	AR1268ICC500	05/02/2025	17:55	PO110917.D	8.73	3.68
AR1268ICC250	AR1268ICC250	05/02/2025	18:12	PO110918.D	8.73	3.68
AR1268ICC050	AR1268ICC050	05/02/2025	18:29	PO110919.D	8.73	3.68
AR1660CCC500	AR1660CCC500	05/13/2025	09:08	PO111026.D	8.73	3.69
IBLK	IBLK	05/13/2025	10:28	PO111030.D	8.72	3.68
PB167972BL	PB167972BL	05/13/2025	13:24	PO111032.D	8.72	3.68
PB167972BS	PB167972BS	05/13/2025	13:42	PO111033.D	8.72	3.68
TP-1	Q1982-01	05/13/2025	14:01	PO111034.D	8.72	3.69
TP-2B	Q1982-02	05/13/2025	14:19	PO111035.D	8.72	3.68
TP-3	Q1982-03	05/13/2025	14:37	PO111036.D	8.72	3.68
MH-IMS	Q2017-01MS	05/13/2025	15:14	PO111038.D	8.72	3.68
MH-IMSD	Q2017-01MSD	05/13/2025	15:32	PO111039.D	8.72	3.68
AR1660CCC500	AR1660CCC500	05/13/2025	17:33	PO111041.D	8.72	3.68
IBLK	IBLK	05/13/2025	19:23	PO111045.D	8.72	3.68
IBLK	IBLK	04/22/2025	10:13	PP071388.D	10.23	4.51
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	10.23	4.51

Analytical Sequence

AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	10.23	4.51
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	10.24	4.52
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	10.23	4.51
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	10.24	4.52
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	10.23	4.51
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	10.23	4.52
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	10.23	4.51
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	10.24	4.52
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	10.24	4.51
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	10.23	4.51
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	10.24	4.52
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	10.24	4.52
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	10.24	4.52
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	10.24	4.51
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	10.24	4.51
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	10.24	4.51
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	10.24	4.52
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	10.24	4.52
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	10.24	4.52
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	10.23	4.51
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	10.24	4.51
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	10.24	4.52
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	10.24	4.51
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	10.23	4.52
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	10.24	4.52
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	10.24	4.52
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	10.24	4.51
AR1660CCC500	AR1660CCC500	05/13/2025	08:46	PP072003.D	10.21	4.50
IBLK	IBLK	05/13/2025	09:52	PP072007.D	10.21	4.50
TP-4	Q1982-04	05/13/2025	13:02	PP072009.D	10.21	4.50
TP-5	Q1982-05	05/13/2025	13:18	PP072010.D	10.22	4.51
TP-6	Q1982-06	05/13/2025	13:35	PP072011.D	10.22	4.51
TP-8	Q1982-07	05/13/2025	13:51	PP072012.D	10.21	4.51
TP-9	Q1982-08	05/13/2025	14:07	PP072013.D	10.22	4.51
AR1660CCC500	AR1660CCC500	05/13/2025	16:35	PP072018.D	10.21	4.51
IBLK	IBLK	05/13/2025	18:13	PP072022.D	10.21	4.51

Analytical Sequence

Client: CDM Smith

SDG No.: Q1982

Project: South River WM Replacement

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 05/02/2025

05/02/2025

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	05/02/2025	09:27	PO110891.D	8.68	3.68
AR1660ICC1000	AR1660ICC1000	05/02/2025	09:45	PO110892.D	8.68	3.68
AR1660ICC750	AR1660ICC750	05/02/2025	10:04	PO110893.D	8.68	3.68
AR1660ICC500	AR1660ICC500	05/02/2025	10:21	PO110894.D	8.68	3.68
AR1660ICC250	AR1660ICC250	05/02/2025	10:39	PO110895.D	8.68	3.68
AR1660ICC050	AR1660ICC050	05/02/2025	10:58	PO110896.D	8.68	3.68
AR1221ICC500	AR1221ICC500	05/02/2025	11:16	PO110897.D	8.68	3.68
AR1232ICC500	AR1232ICC500	05/02/2025	11:34	PO110898.D	8.68	3.68
AR1242ICC1000	AR1242ICC1000	05/02/2025	11:53	PO110899.D	8.68	3.68
AR1242ICC750	AR1242ICC750	05/02/2025	12:11	PO110900.D	8.68	3.68
AR1242ICC500	AR1242ICC500	05/02/2025	12:29	PO110901.D	8.68	3.68
AR1242ICC250	AR1242ICC250	05/02/2025	12:48	PO110902.D	8.68	3.68
AR1242ICC050	AR1242ICC050	05/02/2025	13:06	PO110903.D	8.68	3.68
AR1248ICC1000	AR1248ICC1000	05/02/2025	13:25	PO110904.D	8.68	3.68
AR1248ICC750	AR1248ICC750	05/02/2025	13:43	PO110905.D	8.68	3.68
AR1248ICC500	AR1248ICC500	05/02/2025	14:00	PO110906.D	8.68	3.68
AR1248ICC250	AR1248ICC250	05/02/2025	14:35	PO110907.D	8.68	3.68
AR1248ICC050	AR1248ICC050	05/02/2025	14:53	PO110908.D	8.68	3.68
AR1254ICC1000	AR1254ICC1000	05/02/2025	15:12	PO110909.D	8.68	3.68
AR1254ICC750	AR1254ICC750	05/02/2025	15:30	PO110910.D	8.68	3.68
AR1254ICC500	AR1254ICC500	05/02/2025	15:48	PO110911.D	8.68	3.68
AR1254ICC250	AR1254ICC250	05/02/2025	16:07	PO110912.D	8.68	3.68
AR1254ICC050	AR1254ICC050	05/02/2025	16:25	PO110913.D	8.68	3.68
AR1262ICC500	AR1262ICC500	05/02/2025	17:01	PO110914.D	8.68	3.68
AR1268ICC1000	AR1268ICC1000	05/02/2025	17:19	PO110915.D	8.68	3.68
AR1268ICC750	AR1268ICC750	05/02/2025	17:38	PO110916.D	8.68	3.68
AR1268ICC500	AR1268ICC500	05/02/2025	17:55	PO110917.D	8.68	3.68
AR1268ICC250	AR1268ICC250	05/02/2025	18:12	PO110918.D	8.68	3.68
AR1268ICC050	AR1268ICC050	05/02/2025	18:29	PO110919.D	8.68	3.68
AR1660CCC500	AR1660CCC500	05/13/2025	09:08	PO111026.D	8.67	3.68
IBLK	IBLK	05/13/2025	10:28	PO111030.D	8.67	3.68
PB167972BL	PB167972BL	05/13/2025	13:24	PO111032.D	8.67	3.68
PB167972BS	PB167972BS	05/13/2025	13:42	PO111033.D	8.67	3.68
TP-1	Q1982-01	05/13/2025	14:01	PO111034.D	8.67	3.68
TP-2B	Q1982-02	05/13/2025	14:19	PO111035.D	8.67	3.68
TP-3	Q1982-03	05/13/2025	14:37	PO111036.D	8.67	3.68
MH-IMS	Q2017-01MS	05/13/2025	15:14	PO111038.D	8.67	3.68
MH-IMSD	Q2017-01MSD	05/13/2025	15:32	PO111039.D	8.67	3.68
AR1660CCC500	AR1660CCC500	05/13/2025	17:33	PO111041.D	8.67	3.68
IBLK	IBLK	05/13/2025	19:23	PO111045.D	8.67	3.68
IBLK	IBLK	04/22/2025	10:13	PP071388.D	8.85	3.81
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	8.85	3.81

Analytical Sequence

AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	8.85	3.81
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	8.85	3.81
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	8.85	3.81
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	8.85	3.81
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	8.85	3.81
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	8.85	3.81
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	8.85	3.81
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	8.85	3.81
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	8.85	3.81
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	8.85	3.81
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	8.85	3.81
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	8.85	3.81
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	8.85	3.81
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	8.85	3.81
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	8.85	3.81
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	8.85	3.81
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	8.85	3.81
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	8.85	3.81
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	8.85	3.81
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	8.85	3.81
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	8.85	3.81
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	8.85	3.81
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	8.85	3.81
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	8.85	3.81
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	8.85	3.81
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	8.85	3.81
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	8.85	3.81
AR1660CCC500	AR1660CCC500	05/13/2025	08:46	PP072003.D	8.82	3.80
IBLK	IBLK	05/13/2025	09:52	PP072007.D	8.83	3.80
TP-4	Q1982-04	05/13/2025	13:02	PP072009.D	8.83	3.80
TP-5	Q1982-05	05/13/2025	13:18	PP072010.D	8.82	3.80
TP-6	Q1982-06	05/13/2025	13:35	PP072011.D	8.83	3.80
TP-8	Q1982-07	05/13/2025	13:51	PP072012.D	8.83	3.80
TP-9	Q1982-08	05/13/2025	14:07	PP072013.D	8.83	3.80
AR1660CCC500	AR1660CCC500	05/13/2025	16:35	PP072018.D	8.83	3.80
IBLK	IBLK	05/13/2025	18:13	PP072022.D	8.83	3.80

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167972BS

Contract: CAMP02

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

Lab Sample ID: PB167972BS Date(s) Analyzed: 05/13/2025 05/13/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO111033.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.773	4.723	4.823	148	148	13.84
COLUMN 1	2	4.791	4.741	4.841	153		
	3	4.848	4.798	4.898	141		
	4	4.969	4.919	5.019	153		
	5	5.226	5.176	5.276	143		
	1	4.758	4.708	4.808	172		
COLUMN 2	2	4.777	4.727	4.827	172	170	
	3	4.952	4.902	5.002	171		
	4	4.994	4.944	5.044	170		
	5	5.207	5.157	5.257	164		
Aroclor-1260	1	6.265	6.215	6.315	145	136	16.84
COLUMN 1	2	6.455	6.405	6.505	144		
	3	6.821	6.771	6.871	129		
	4	7.081	7.031	7.131	130		
	5	7.323	7.273	7.373	131		
	1	6.237	6.187	6.287	171		
COLUMN 2	2	6.425	6.375	6.475	171	161	
	3	6.577	6.527	6.627	173		
	4	7.048	6.998	7.098	145		
	5	7.289	7.239	7.339	145		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

MH-IMS

Contract: CAMP02

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

Lab Sample ID: Q2017-01MS Date(s) Analyzed: 05/13/2025 05/13/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO111038.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.773	4.723	4.823	198	198	15.38
COLUMN 1	2	4.791	4.741	4.841	204		
	3	4.848	4.798	4.898	189		
	4	4.968	4.918	5.018	206		
	5	5.225	5.175	5.275	192		
COLUMN 2	1	4.758	4.708	4.808	232	231	
	2	4.777	4.727	4.827	235		
	3	4.952	4.902	5.002	234		
	4	4.994	4.944	5.044	229		
	5	5.206	5.156	5.256	224		
Aroclor-1260	1	6.265	6.215	6.315	181	168	18.87
COLUMN 1	2	6.454	6.404	6.504	177		
	3	6.821	6.771	6.871	159		
	4	7.08	7.03	7.13	162		
	5	7.323	7.273	7.373	161		
COLUMN 2	1	6.237	6.187	6.287	220	203	
	2	6.425	6.375	6.475	214		
	3	6.577	6.527	6.627	220		
	4	7.048	6.998	7.098	181		
	5	7.289	7.239	7.339	178		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

MH-IMSD

Contract: CAMP02

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

Lab Sample ID: Q2017-01MSD Date(s) Analyzed: 05/13/2025 05/13/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO111039.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.773	4.723	4.823	191	189	14.71
COLUMN 1	2	4.792	4.742	4.842	192		
	3	4.849	4.799	4.899	181		
	4	4.969	4.919	5.019	196		
	5	5.226	5.176	5.276	185		
COLUMN 2	1	4.759	4.709	4.809	222	219	
	2	4.777	4.727	4.827	222		
	3	4.952	4.902	5.002	222		
	4	4.994	4.944	5.044	217		
	5	5.207	5.157	5.257	213		
Aroclor-1260	1	6.265	6.215	6.315	173	161	18.59
COLUMN 1	2	6.455	6.405	6.505	169		
	3	6.822	6.772	6.872	153		
	4	7.081	7.031	7.131	155		
	5	7.323	7.273	7.373	154		
COLUMN 2	1	6.238	6.188	6.288	209	194	
	2	6.425	6.375	6.475	204		
	3	6.577	6.527	6.627	210		
	4	7.048	6.998	7.098	173		
	5	7.289	7.239	7.339	171		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
 Data File : PO111034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 14:01
 Operator : YP/AJ
 Sample : Q1982-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:20:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 02 23:47:49 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...	3.685	3.680	106.7E6	91285888	18.652	18.849
2) SA Decachlor...	8.722	8.672	76849420	25987378	12.593	15.402

Target Compounds

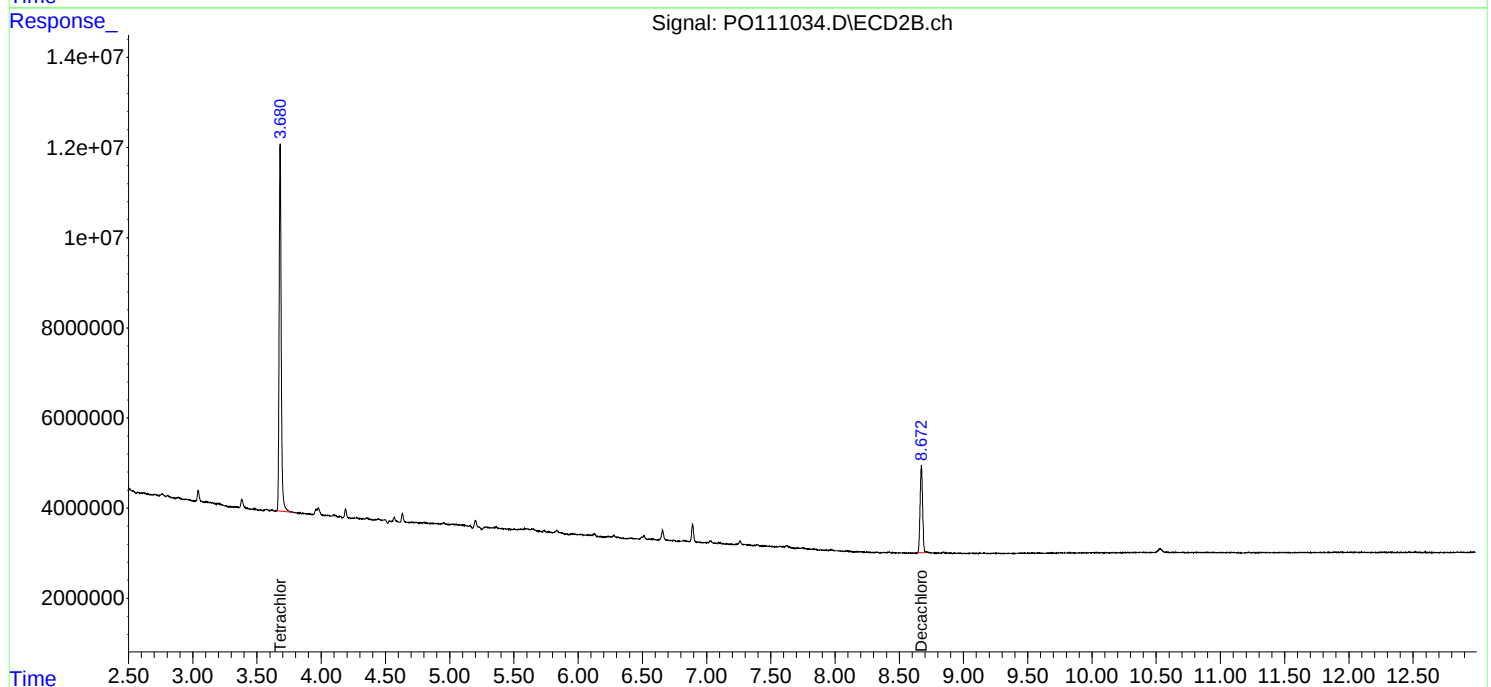
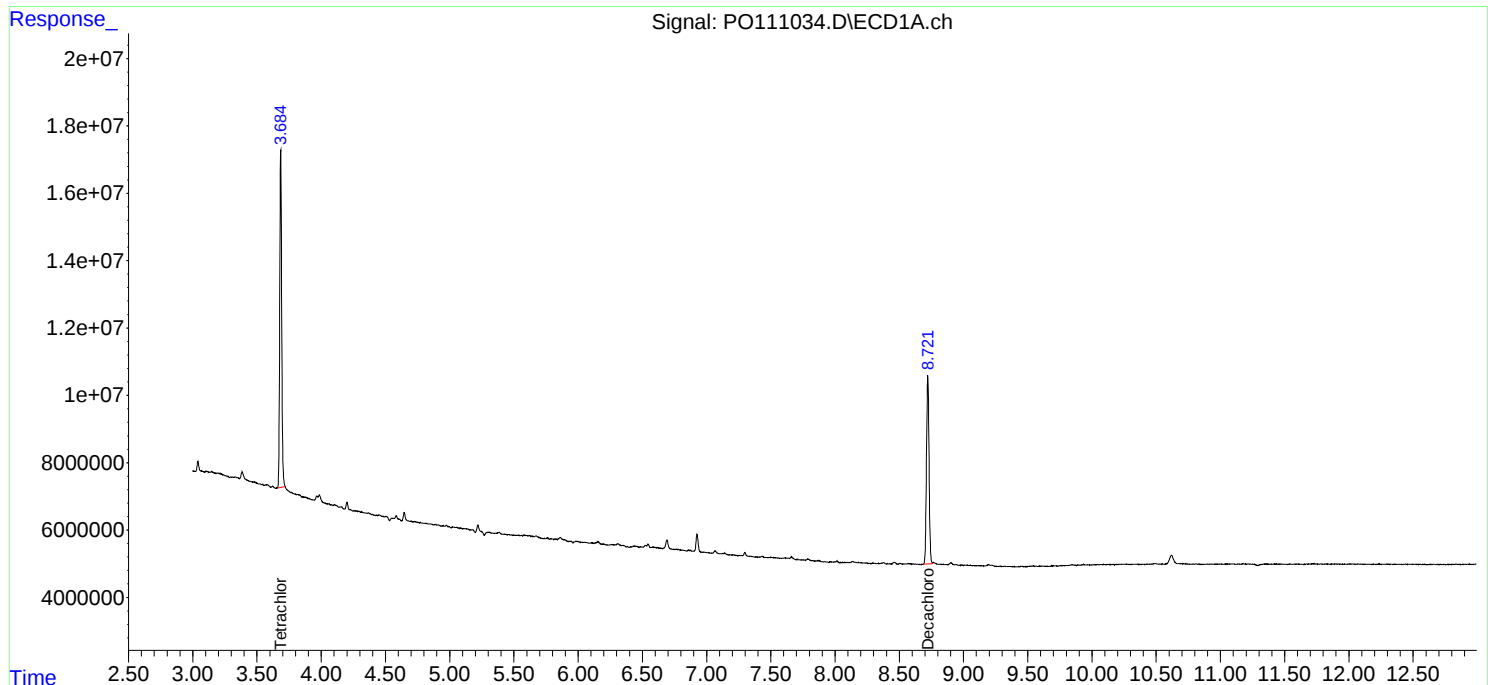
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

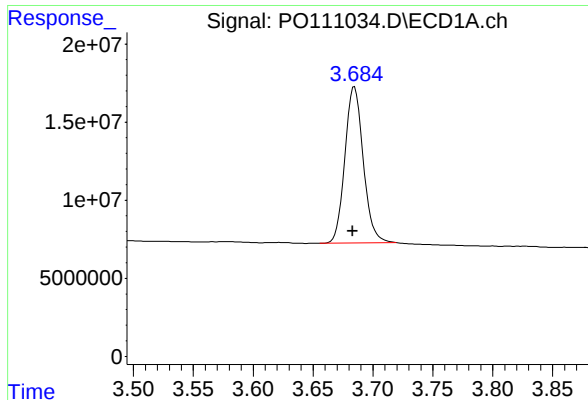
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
Data File : PO111034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 14:01
Operator : YP/AJ
Sample : Q1982-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:20:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 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

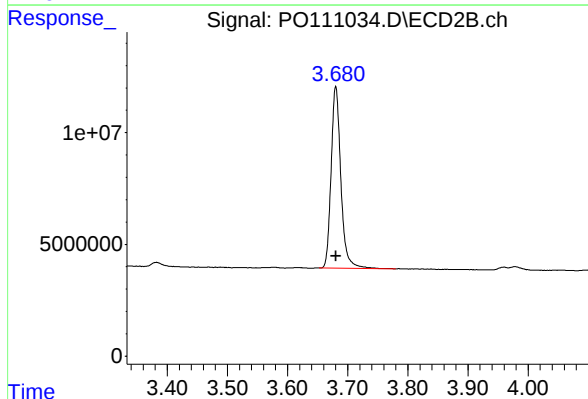




#1 Tetrachloro-m-xylene

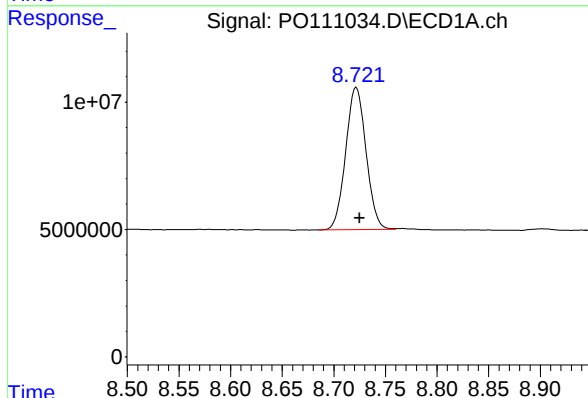
R.T.: 3.685 min
Delta R.T.: 0.002 min
Response: 106705893
Conc: 18.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1



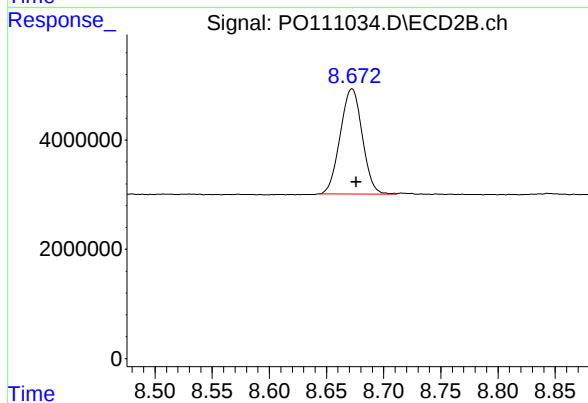
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 91285888
Conc: 18.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.722 min
Delta R.T.: -0.003 min
Response: 76849420
Conc: 12.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.672 min
Delta R.T.: -0.004 min
Response: 25987378
Conc: 15.40 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
 Data File : PO111035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 14:19
 Operator : YP/AJ
 Sample : Q1982-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-2B

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:21:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 02 23:47:49 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...	3.684	3.680	117.8E6	100.7E6	20.597	20.799
2) SA Decachlor...	8.724	8.673	83126364	29201258	13.622	17.307 #

Target Compounds

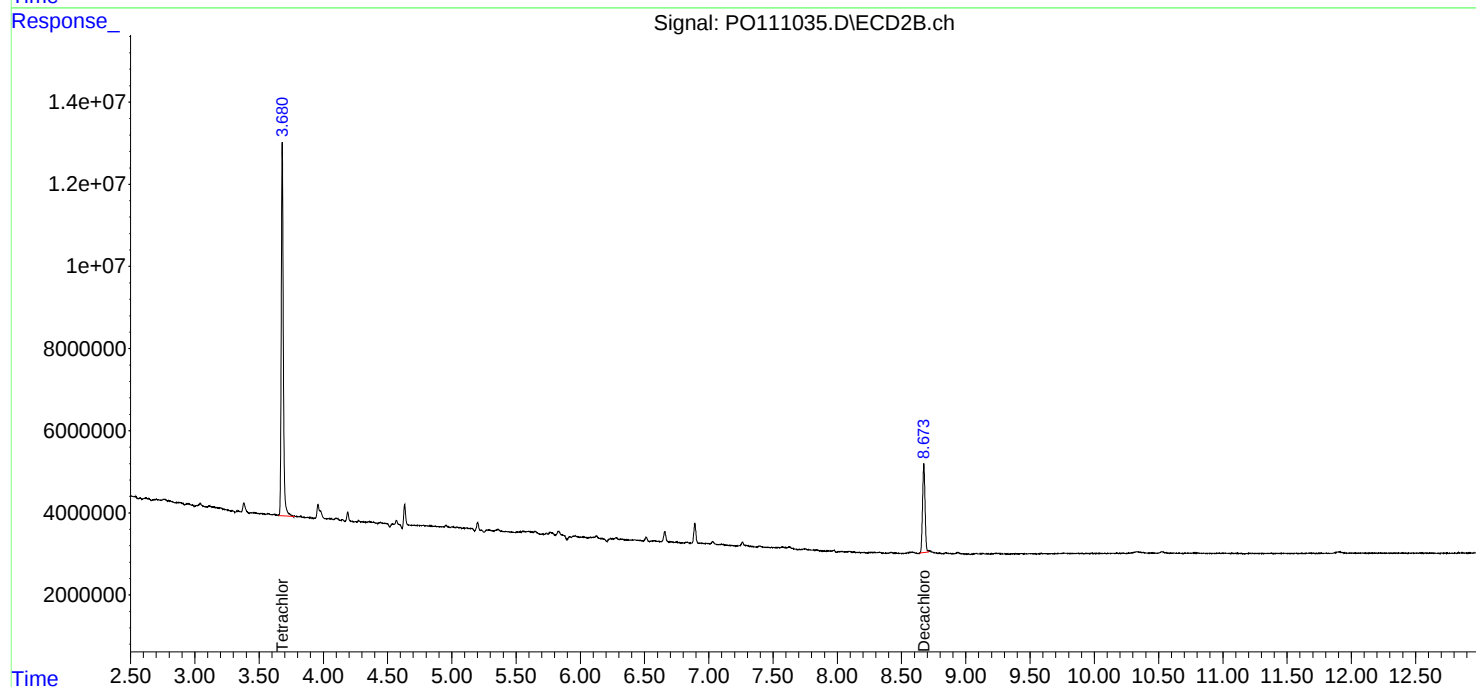
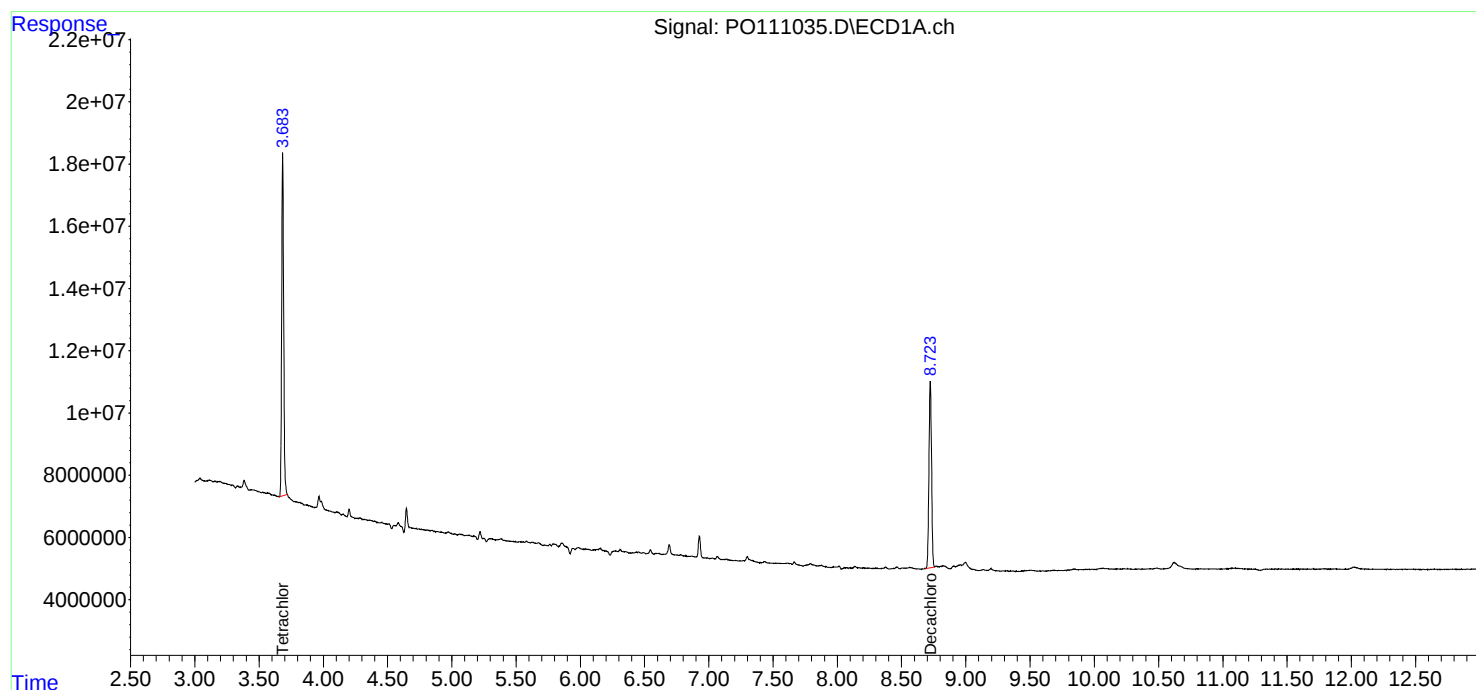
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

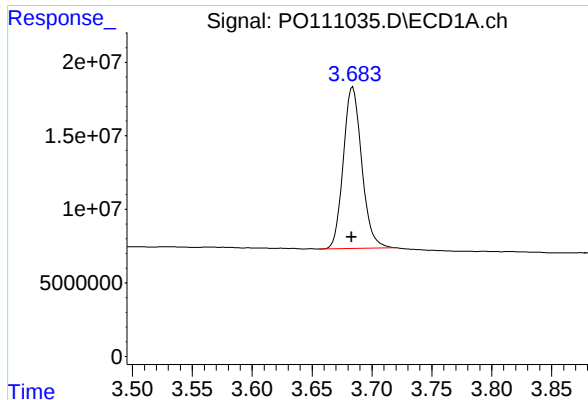
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
Data File : PO111035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 14:19
Operator : YP/AJ
Sample : Q1982-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-2B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 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

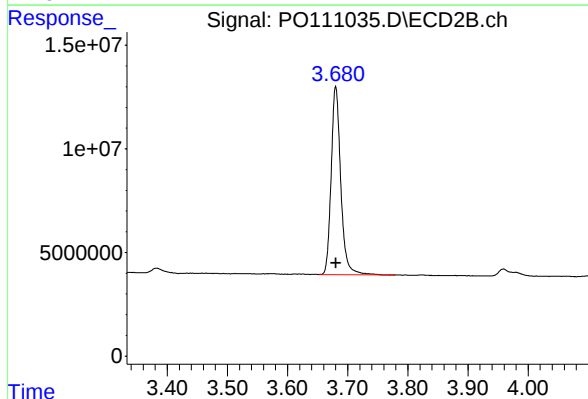




#1 Tetrachloro-m-xylene

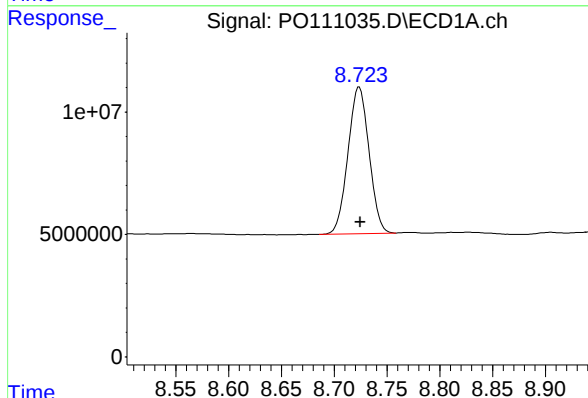
R.T.: 3.684 min
Delta R.T.: 0.001 min
Response: 117828651
Conc: 20.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2B



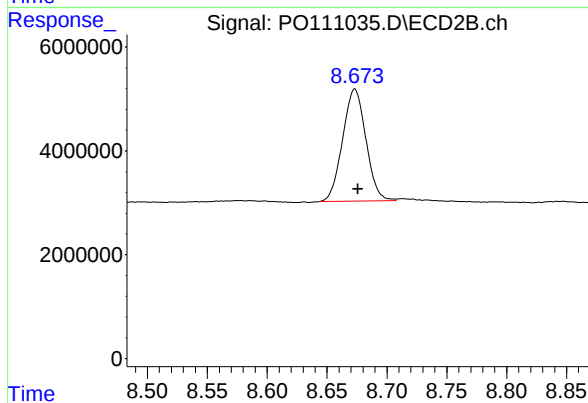
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 100732268
Conc: 20.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.001 min
Response: 83126364
Conc: 13.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.673 min
Delta R.T.: -0.003 min
Response: 29201258
Conc: 17.31 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
 Data File : PO111036.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 14:37
 Operator : YP/AJ
 Sample : Q1982-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:21:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 02 23:47:49 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...	3.684	3.680	131.7E6	113.5E6	23.013	23.427
2) SA Decachlor...	8.723	8.672	105.3E6	37433691	17.262	22.186 #

Target Compounds

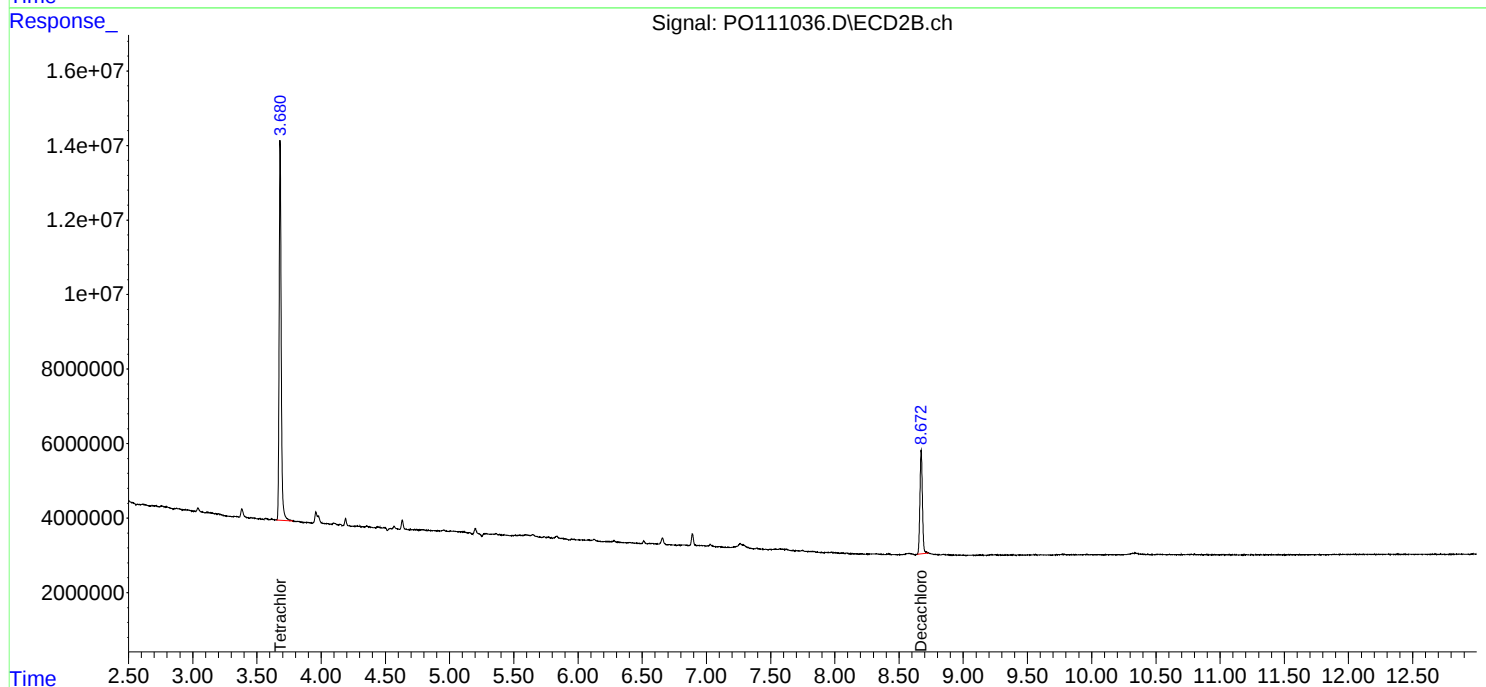
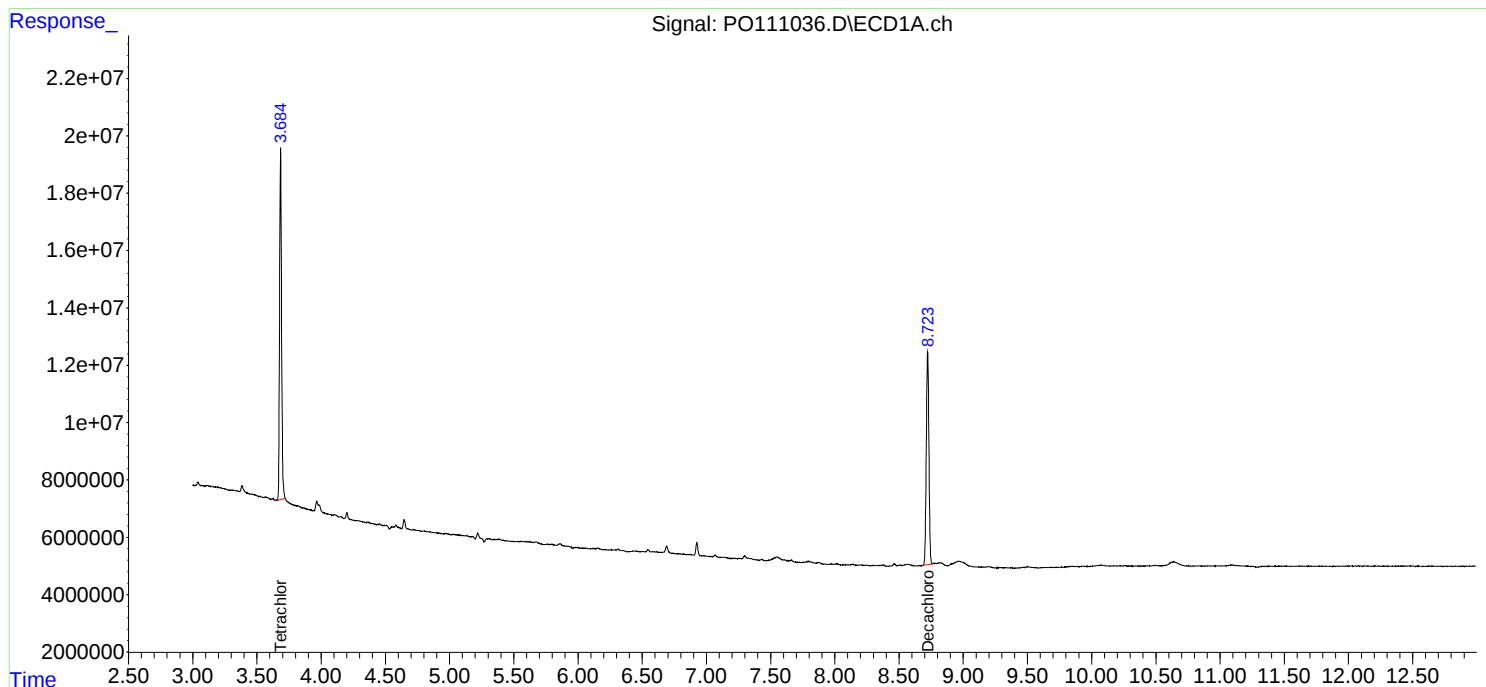
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

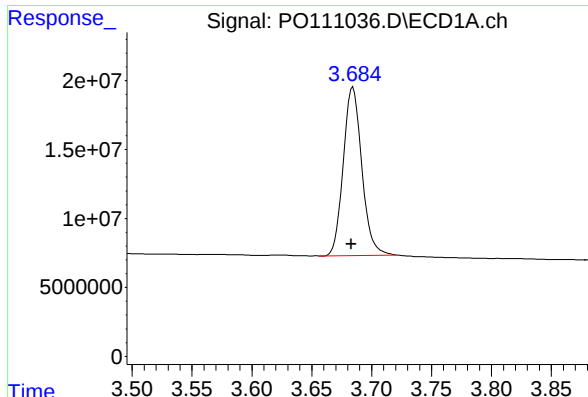
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
Data File : PO111036.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 14:37
Operator : YP/AJ
Sample : Q1982-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:21:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 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

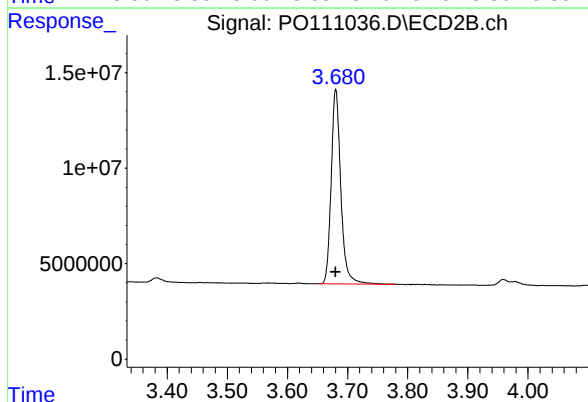




#1 Tetrachloro-m-xylene

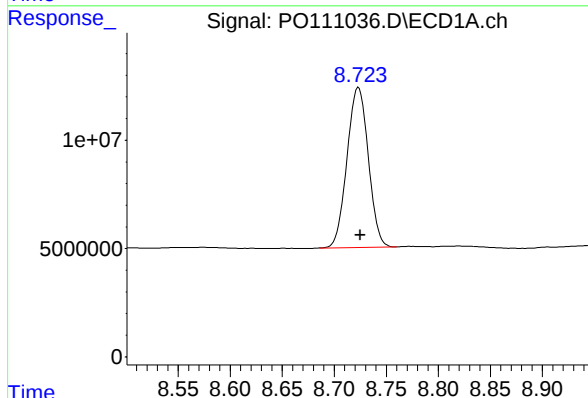
R.T.: 3.684 min
Delta R.T.: 0.001 min
Response: 131650262
Conc: 23.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



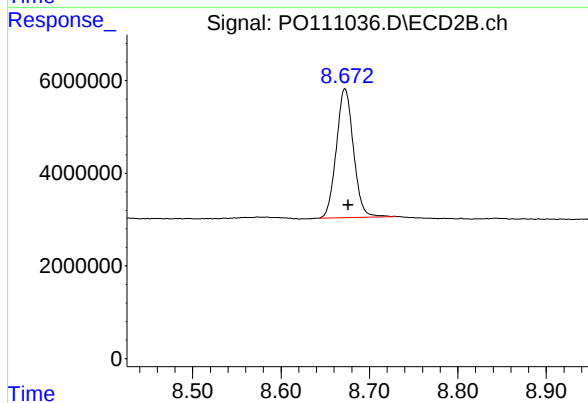
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 113457862
Conc: 23.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.723 min
Delta R.T.: -0.002 min
Response: 105342896
Conc: 17.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.672 min
Delta R.T.: -0.004 min
Response: 37433691
Conc: 22.19 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
 Data File : PP072009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 13:02
 Operator : YP\AJ
 Sample : Q1982-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 22:51:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 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	3.802	38771724	31720283	19.556m	22.518m
2) SA Decachlor...	10.214	8.827	22968859	16007042	15.862	18.251m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
Data File : PP072009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 13:02
Operator : YP\AJ
Sample : Q1982-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

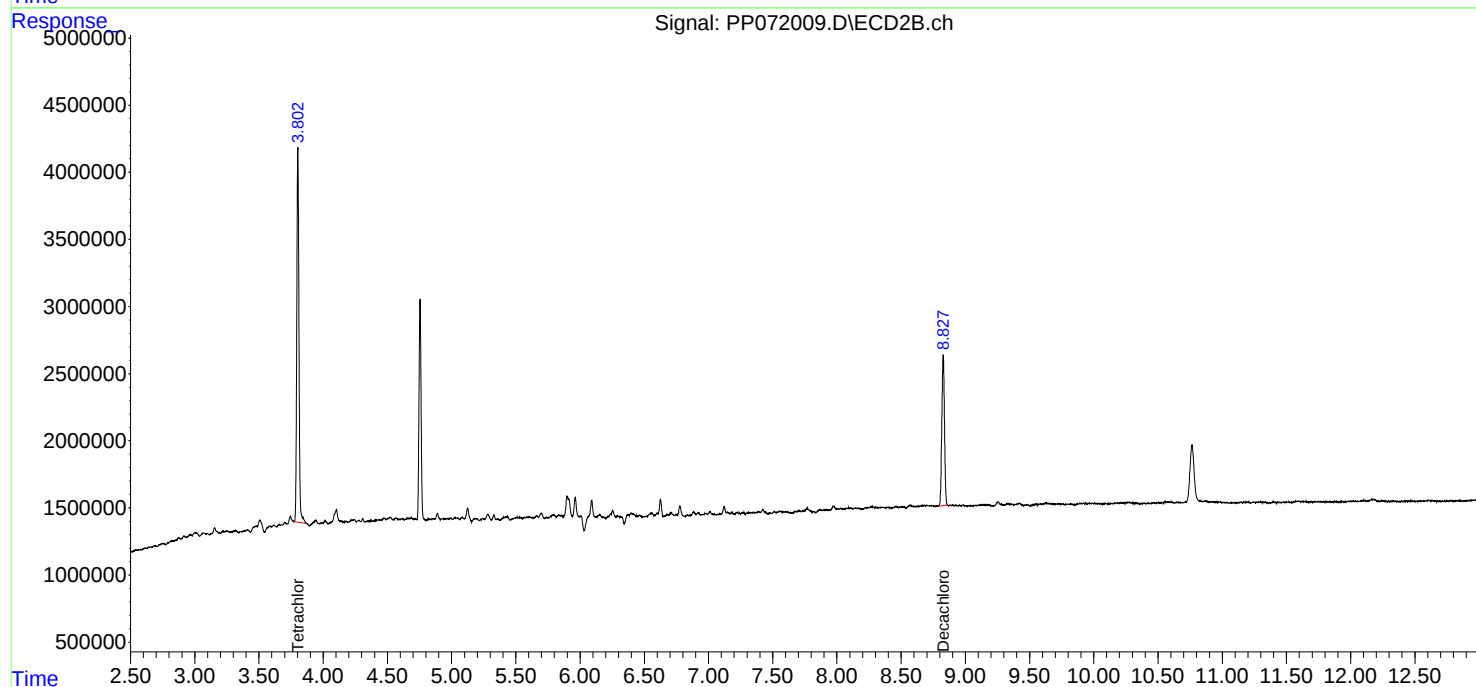
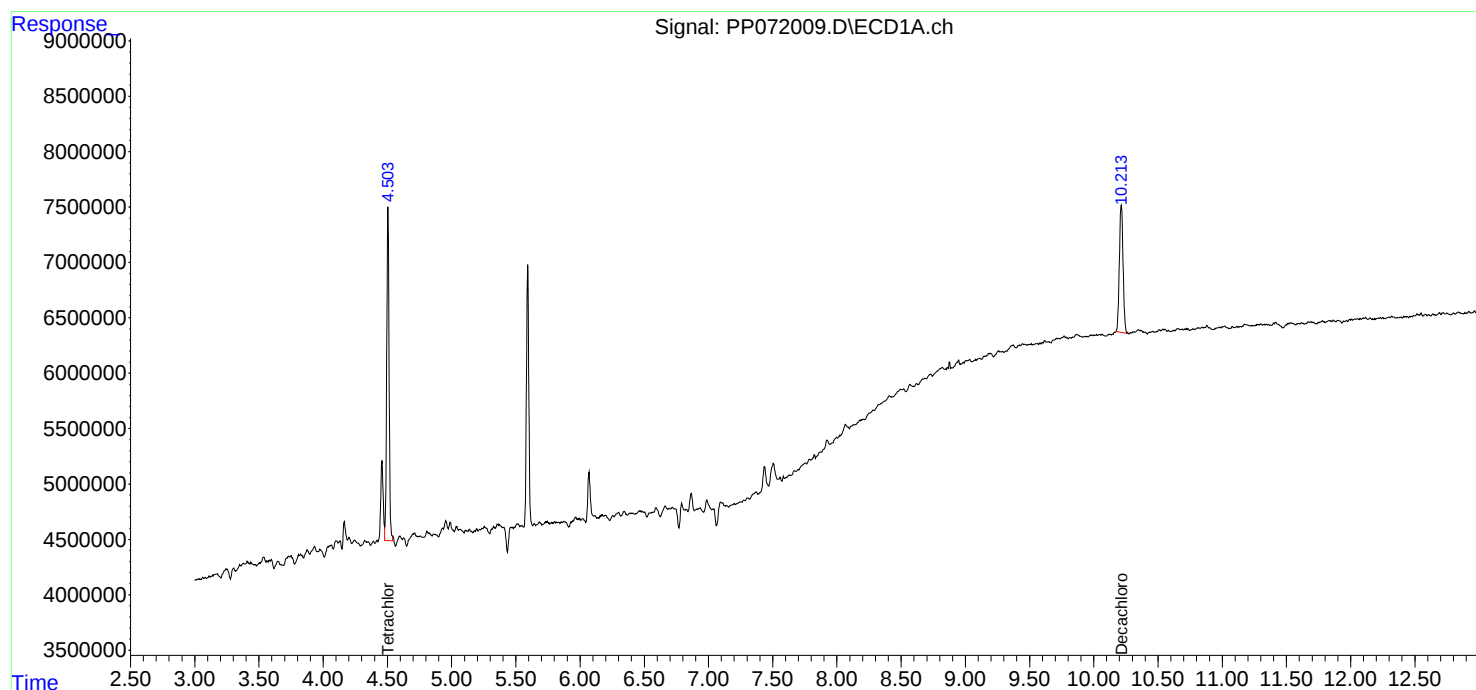
Instrument :
ECD_P
ClientSampleId :
TP-4

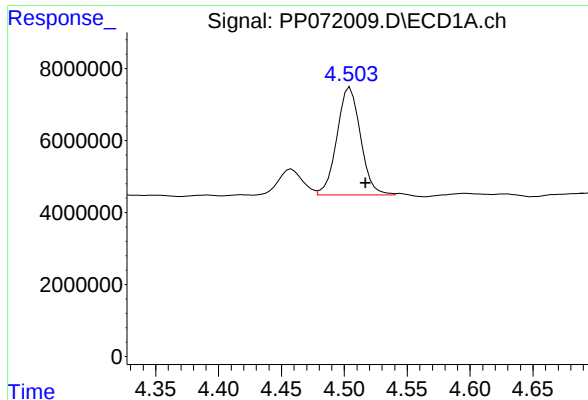
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:51:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 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





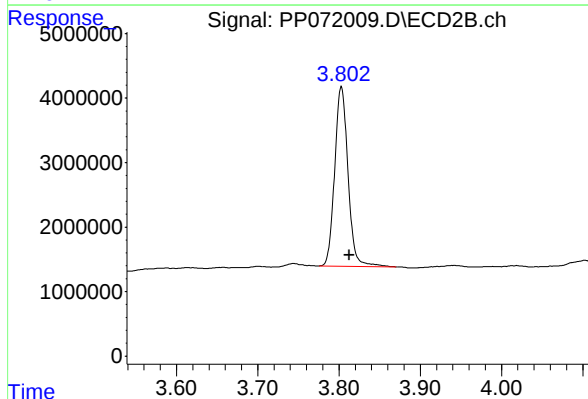
#1 Tetrachloro-m-xylene

R.T.: 4.503 min
Delta R.T.: -0.014 min
Response: 38771724
Conc: 19.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-4

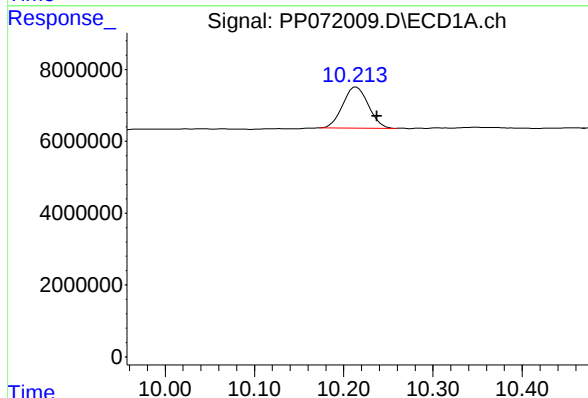
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/16/2025



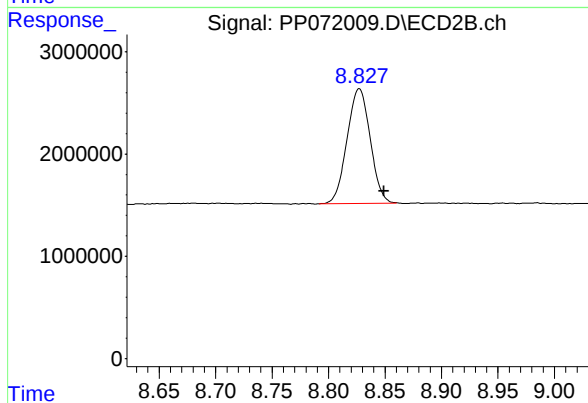
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.010 min
Response: 31720283
Conc: 22.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.214 min
Delta R.T.: -0.023 min
Response: 22968859
Conc: 15.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.827 min
Delta R.T.: -0.022 min
Response: 16007042
Conc: 18.25 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
 Data File : PP072010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 13:18
 Operator : YP\AJ
 Sample : Q1982-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 22:51:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 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...	4.507	3.801	36113152	28823426	18.215	20.462m
2) SA Decachlor...	10.216	8.824	22260742	15233997	15.373	17.370m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
Data File : PP072010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 13:18
Operator : YP\AJ
Sample : Q1982-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

TP-5

Manual Integrations

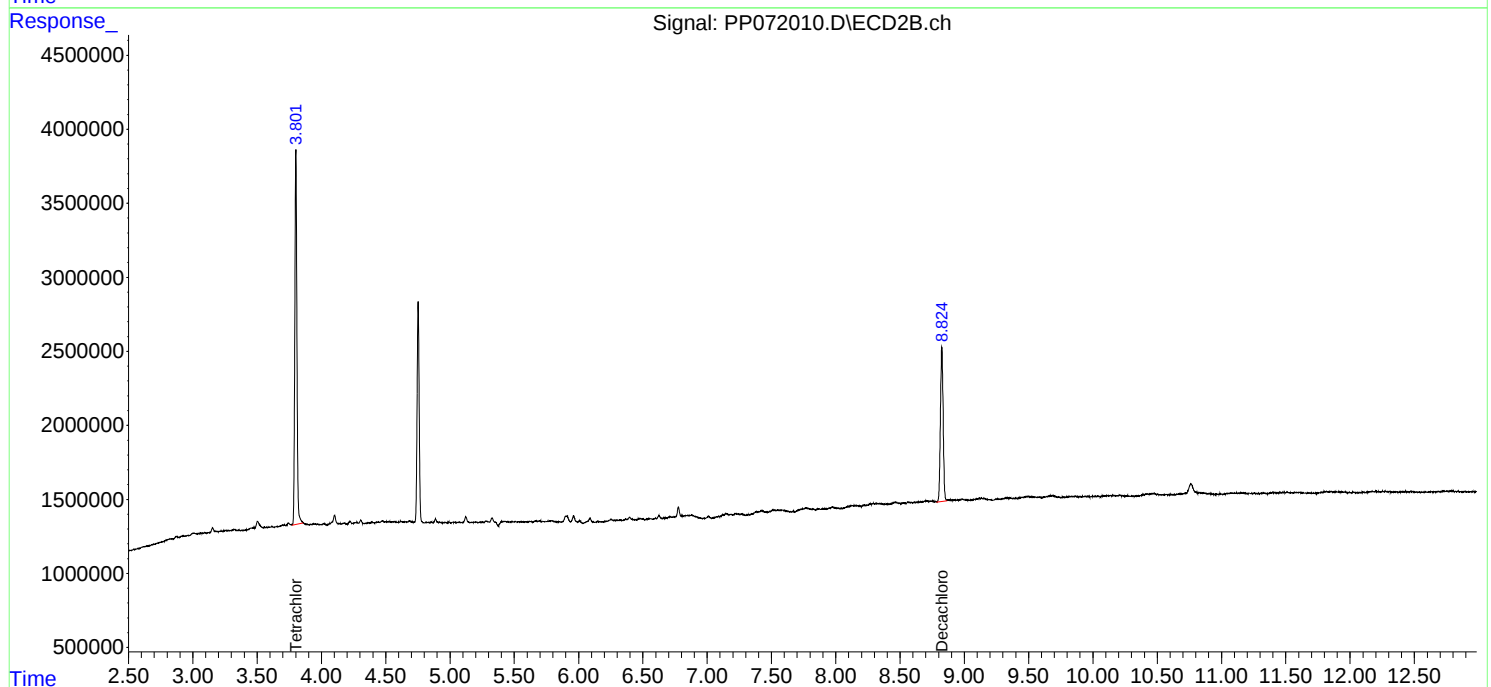
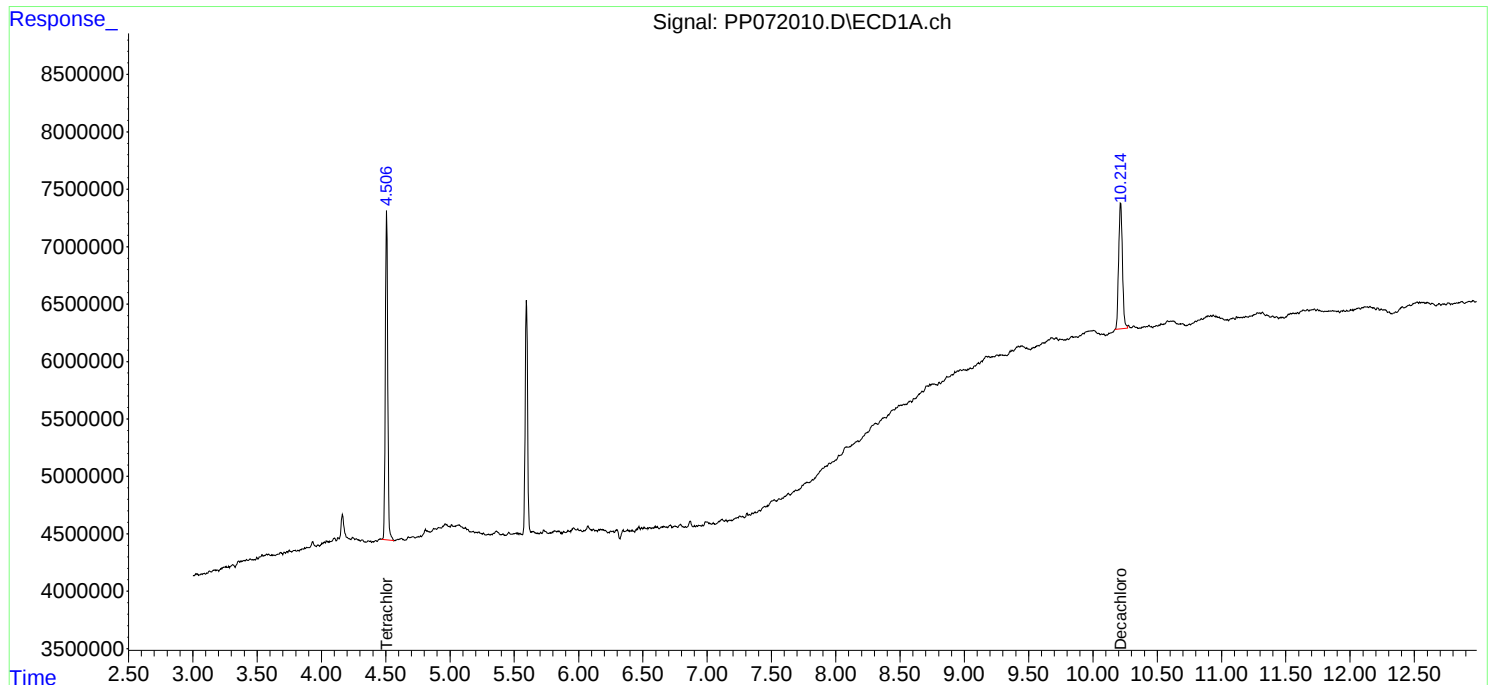
APPROVED

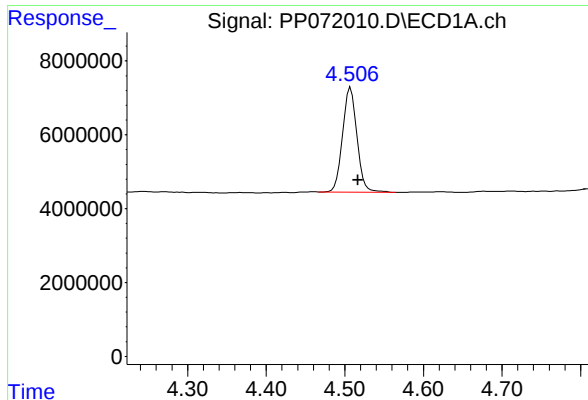
Reviewed By :Yogesh Patel 05/14/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:51:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 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





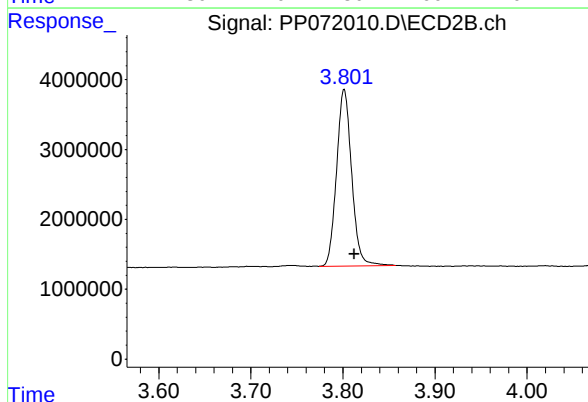
#1 Tetrachloro-m-xylene

R.T.: 4.507 min
Delta R.T.: -0.010 min
Response: 36113152
Conc: 18.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-5

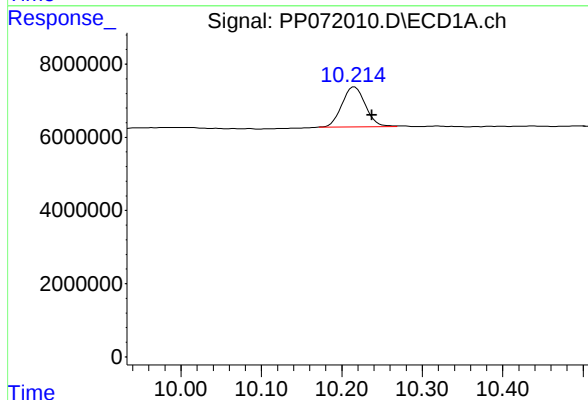
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/16/2025



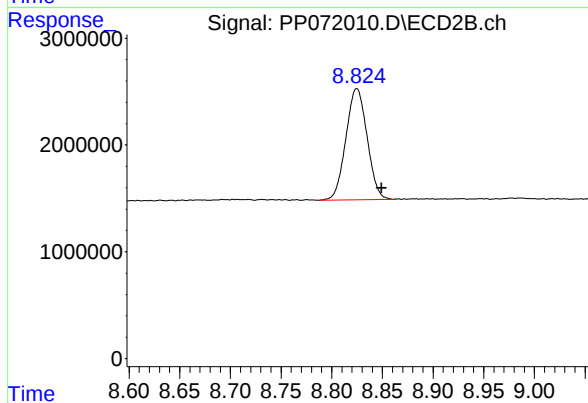
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.011 min
Response: 28823426
Conc: 20.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.216 min
Delta R.T.: -0.022 min
Response: 22260742
Conc: 15.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: -0.025 min
Response: 15233997
Conc: 17.37 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
 Data File : PP072011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 13:35
 Operator : YP\AJ
 Sample : Q1982-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 22:52:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 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...	4.507	3.802	37929229	30373564	19.131	21.562m
2) SA Decachlor...	10.215	8.826	25299053	17557220	17.472	20.018m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
Data File : PP072011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 13:35
Operator : YP\AJ
Sample : Q1982-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

TP-6

Manual Integrations

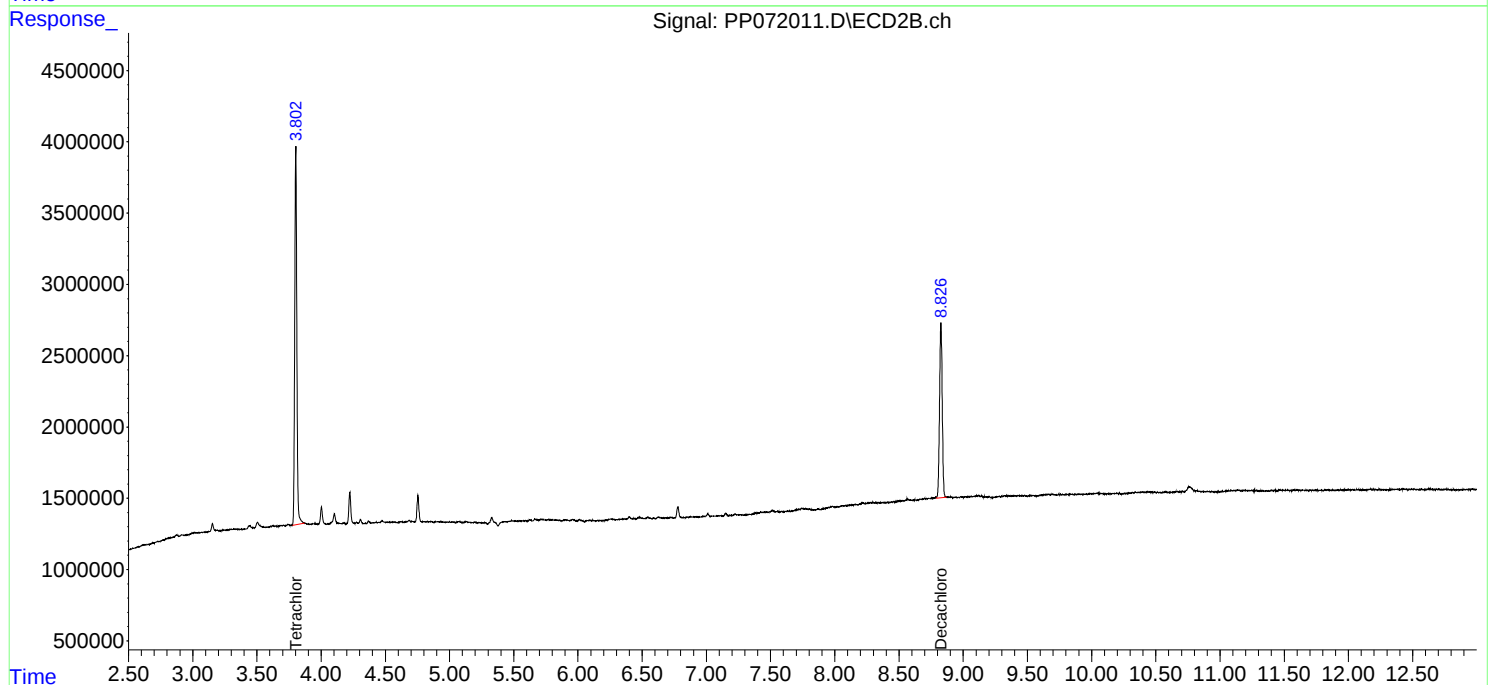
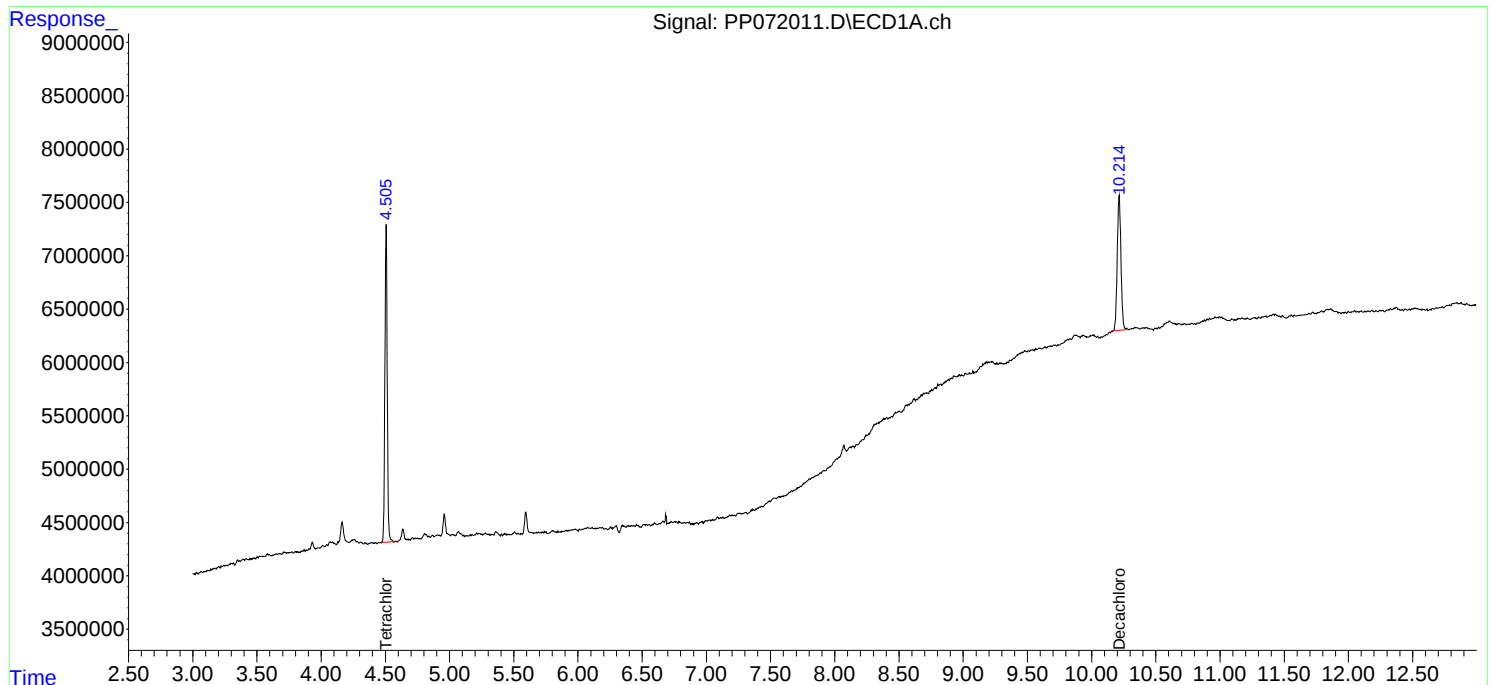
APPROVED

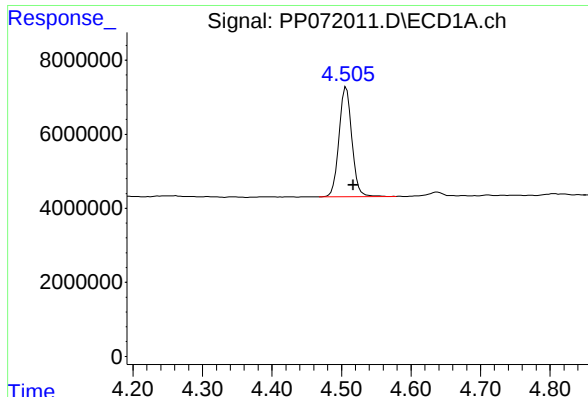
Reviewed By :Yogesh Patel 05/14/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:52:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 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





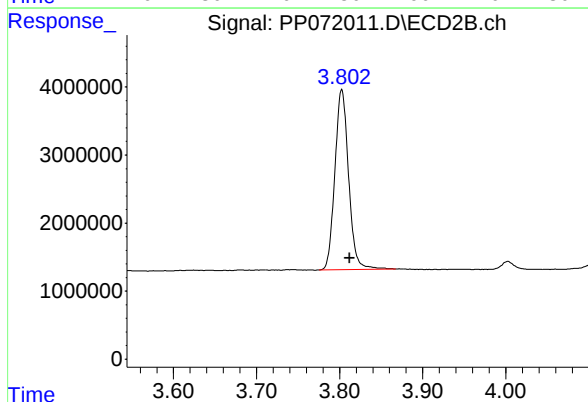
#1 Tetrachloro-m-xylene

R.T.: 4.507 min
Delta R.T.: -0.010 min
Response: 37929229
Conc: 19.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-6

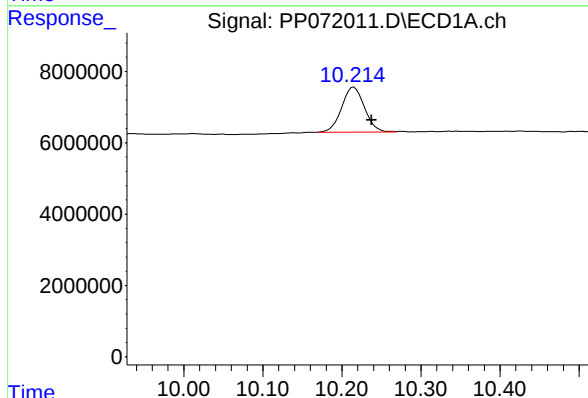
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/16/2025



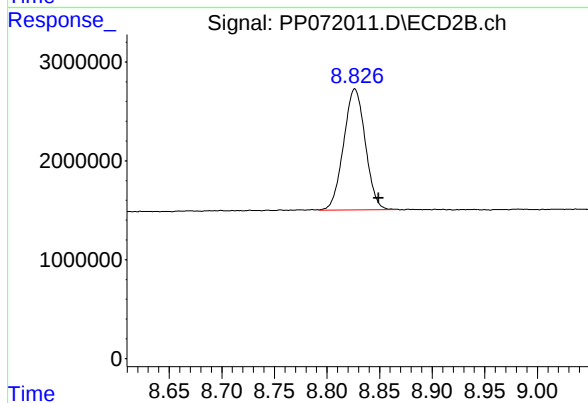
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.010 min
Response: 30373564
Conc: 21.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.215 min
Delta R.T.: -0.022 min
Response: 25299053
Conc: 17.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: -0.023 min
Response: 17557220
Conc: 20.02 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
 Data File : PP072012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 13:51
 Operator : YP\AJ
 Sample : Q1982-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 22:52:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 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	3.802	37834299	30685856	19.083	21.784
2) SA Decachlor...	10.213	8.826	25972100	18071363	17.936	20.605m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
Data File : PP072012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 13:51
Operator : YP\AJ
Sample : Q1982-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

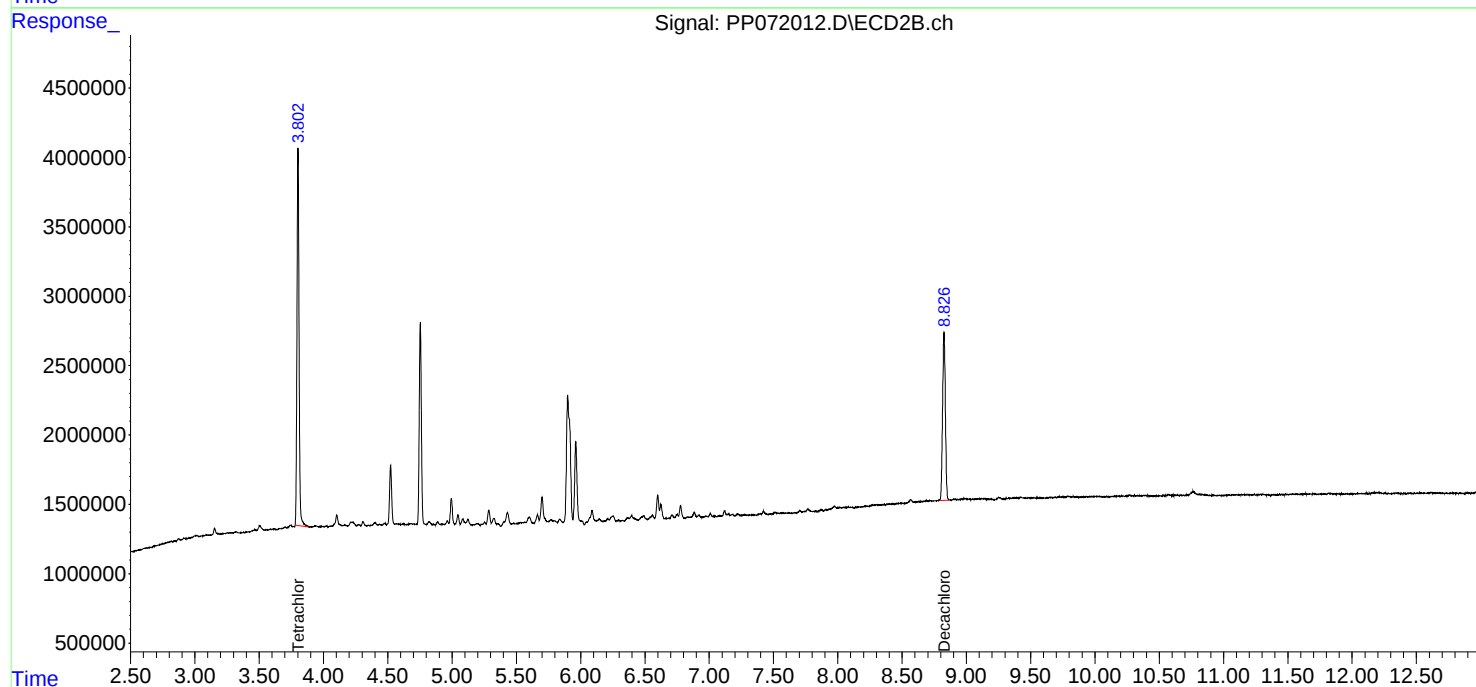
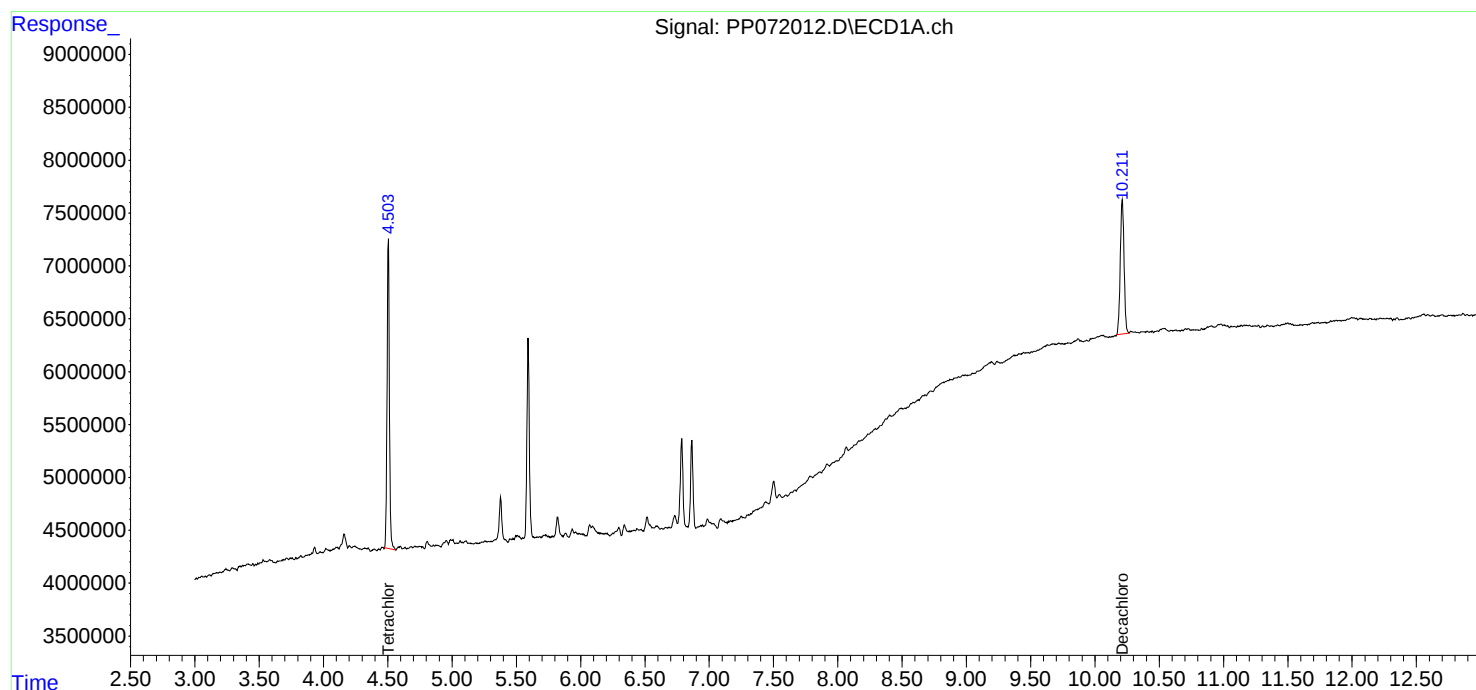
Instrument :
ECD_P
ClientSampleId :
TP-8

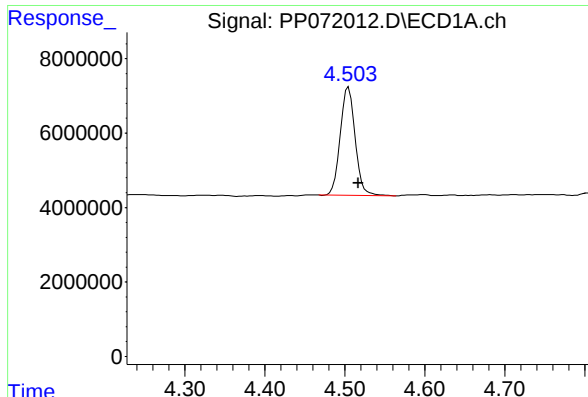
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:52:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 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





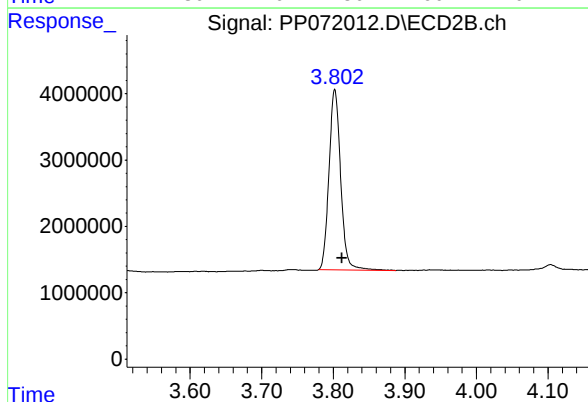
#1 Tetrachloro-m-xylene

R.T.: 4.505 min
Delta R.T.: -0.012 min
Response: 37834299
Conc: 19.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-8

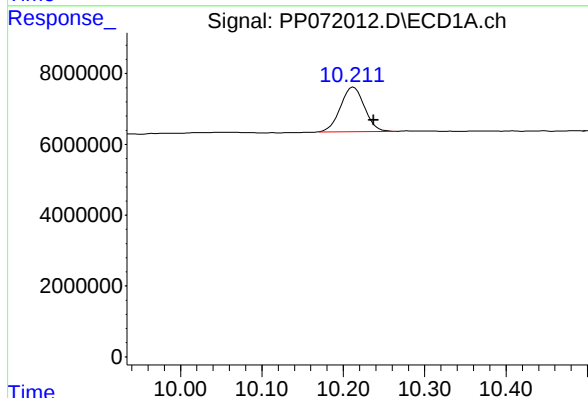
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/16/2025



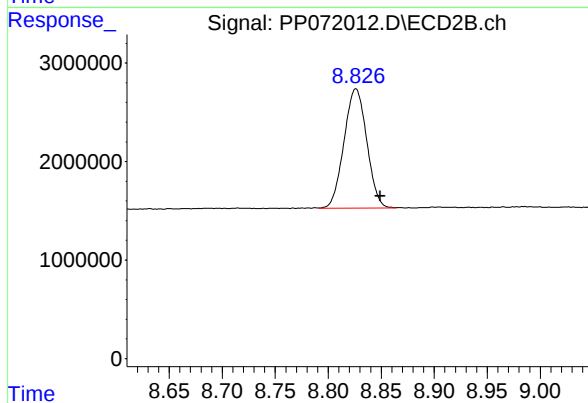
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.010 min
Response: 30685856
Conc: 21.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.213 min
Delta R.T.: -0.025 min
Response: 25972100
Conc: 17.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: -0.023 min
Response: 18071363
Conc: 20.60 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
 Data File : PP072013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 14:07
 Operator : YP\AJ
 Sample : Q1982-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/14/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 22:53:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 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...	4.506	3.802	35832957	29947640	18.073m	21.260m
2) SA Decachlor...	10.216	8.826	22804176	16388878	15.749	18.686m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051325\
Data File : PP072013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 14:07
Operator : YP\AJ
Sample : Q1982-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

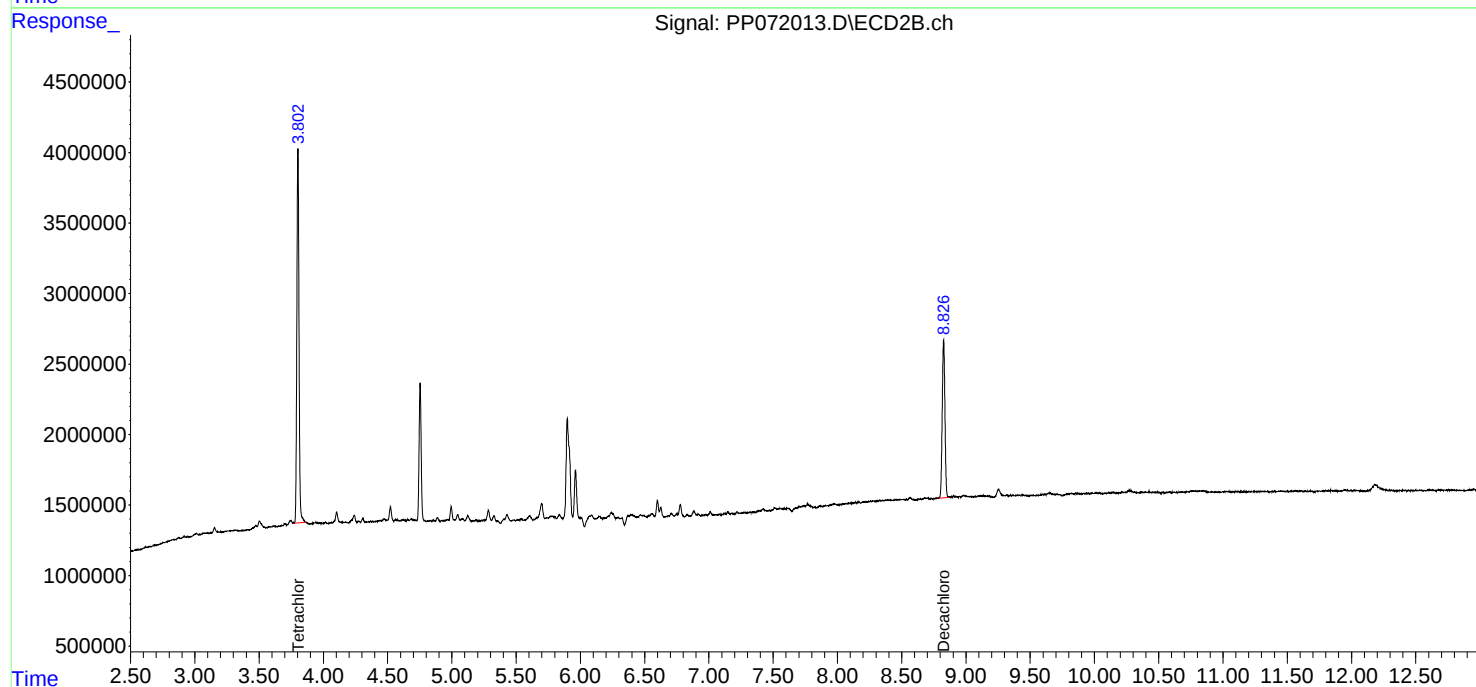
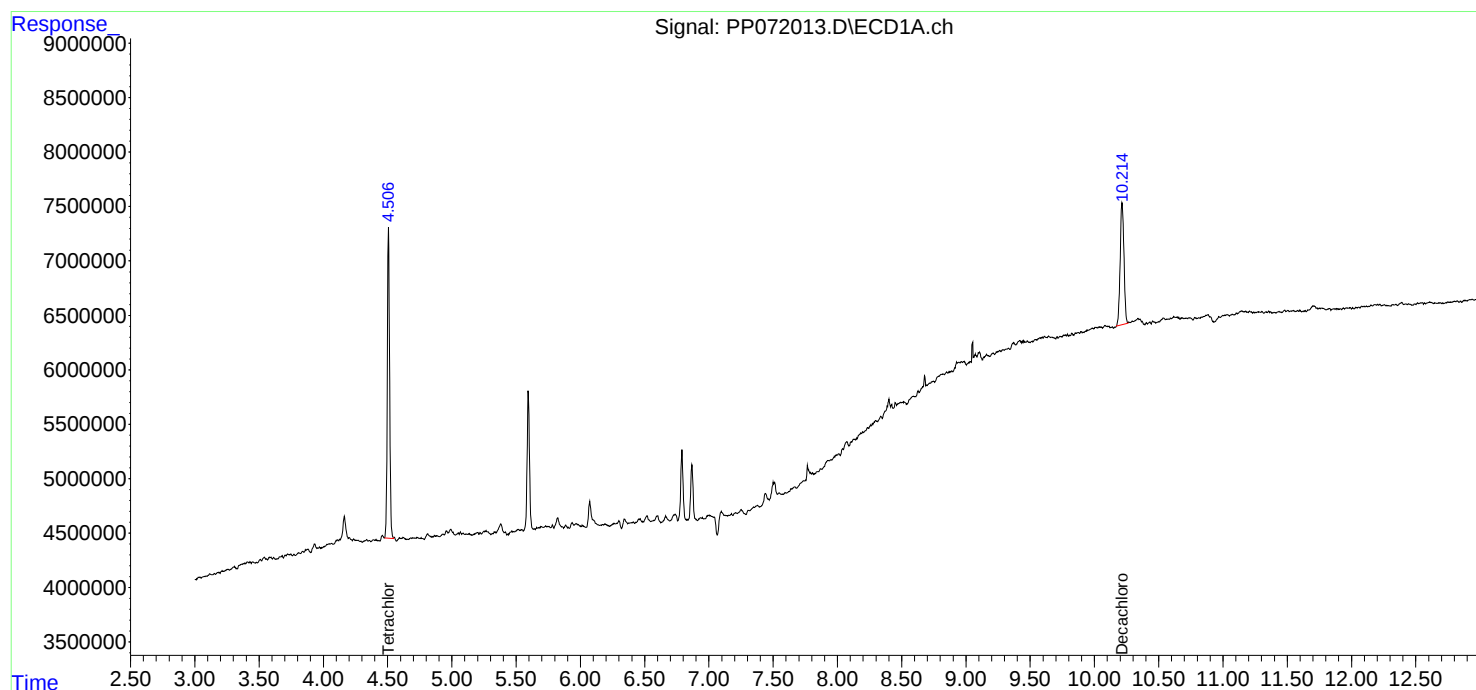
Instrument :
ECD_P
ClientSampleId :
TP-9

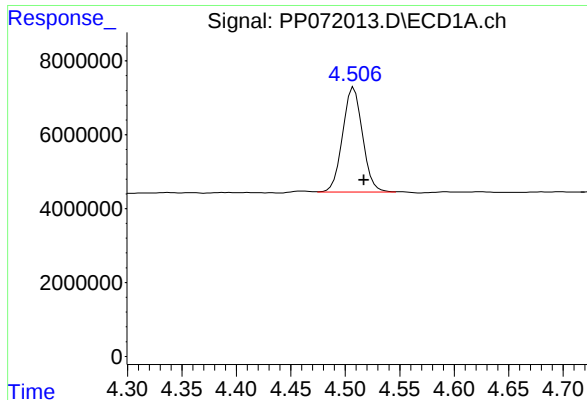
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:53:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 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





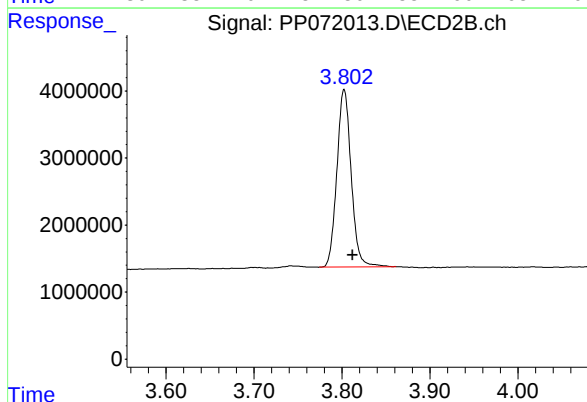
#1 Tetrachloro-m-xylene

R.T.: 4.506 min
Delta R.T.: -0.011 min
Response: 35832957
Conc: 18.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-9

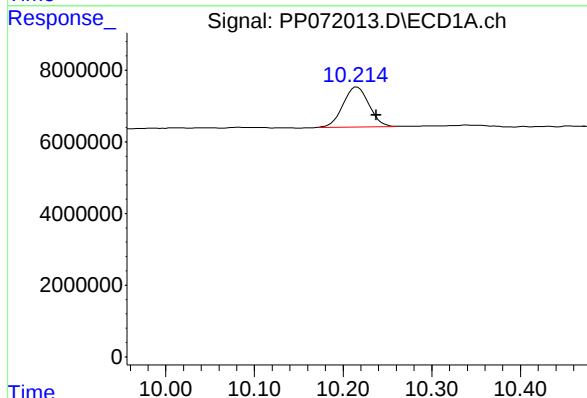
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2025
Supervised By :mohammad ahmed 05/16/2025



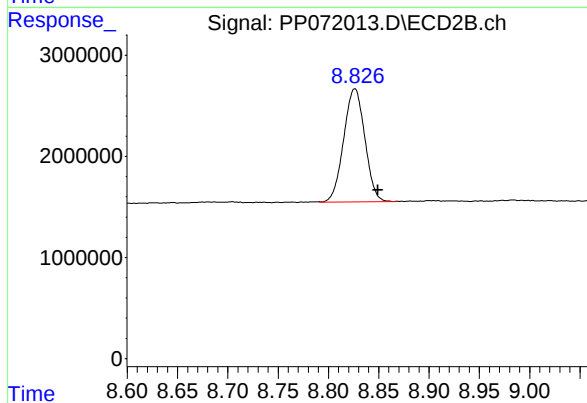
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.010 min
Response: 29947640
Conc: 21.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.216 min
Delta R.T.: -0.022 min
Response: 22804176
Conc: 15.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: -0.023 min
Response: 16388878
Conc: 18.69 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
 Data File : PO111032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 13:24
 Operator : YP/AJ
 Sample : PB167972BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167972BL

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:20:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 02 23:47:49 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...	3.684	3.680	118.0E6	98593840	20.619	20.358
2) SA Decachlor...	8.723	8.672	102.8E6	34340558	16.848	20.353

Target Compounds

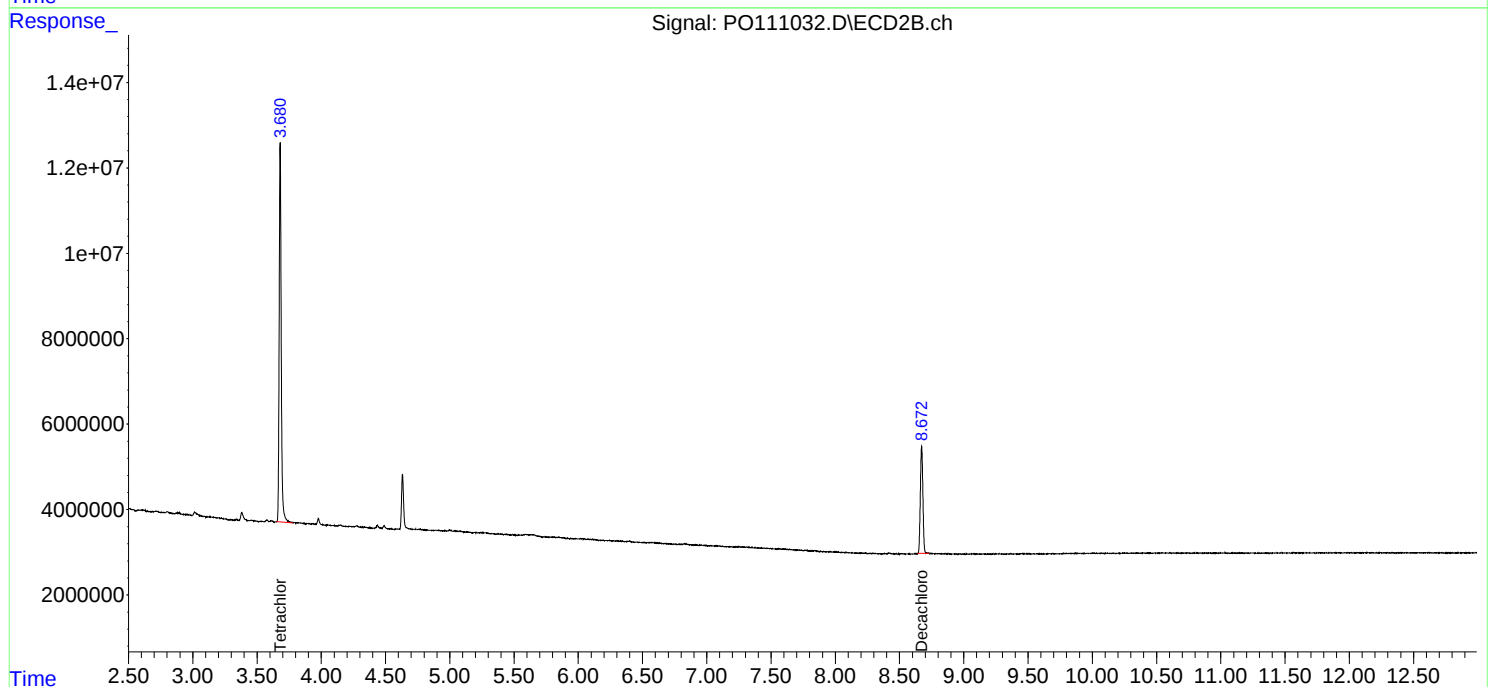
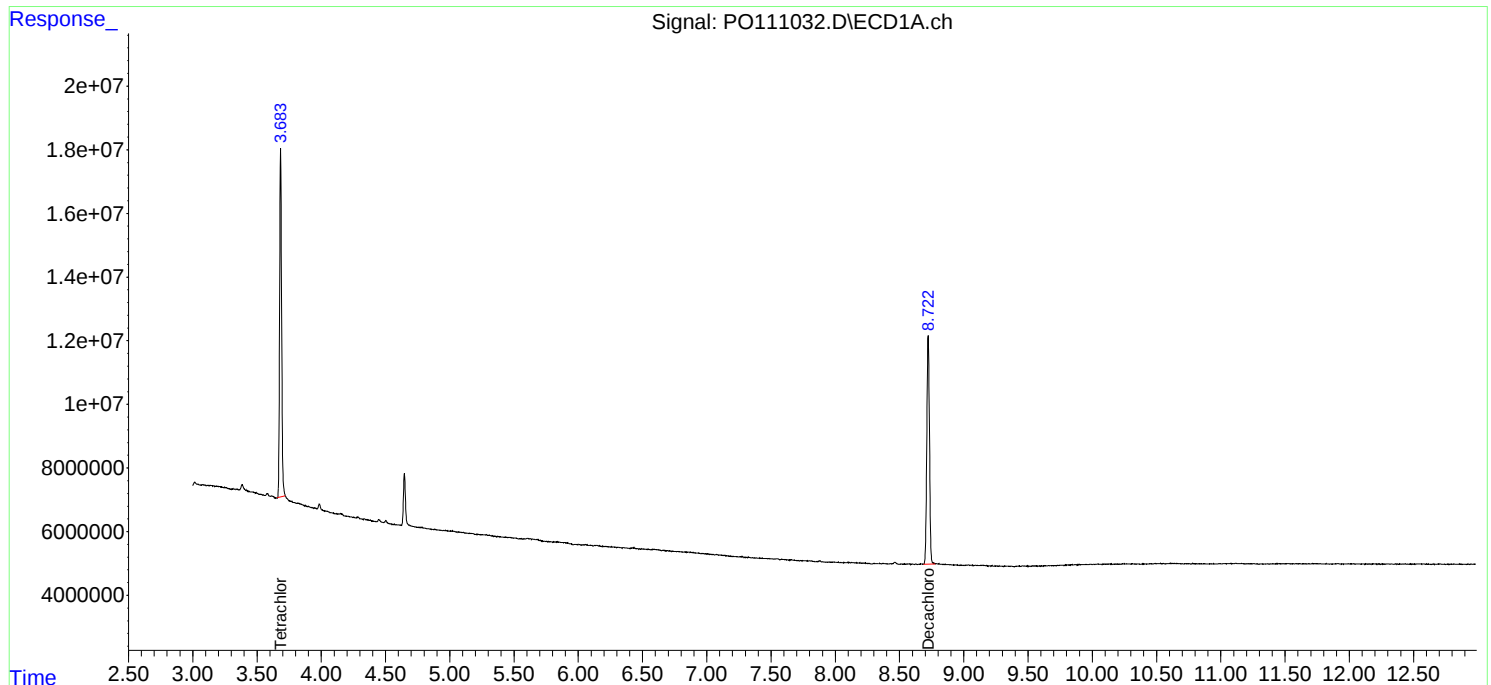
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

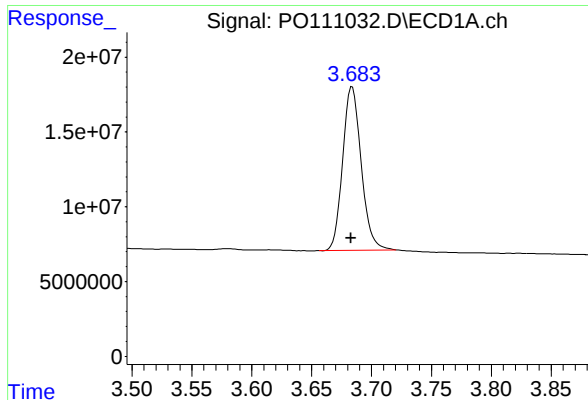
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
Data File : PO111032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 13:24
Operator : YP/AJ
Sample : PB167972BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167972BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:20:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 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

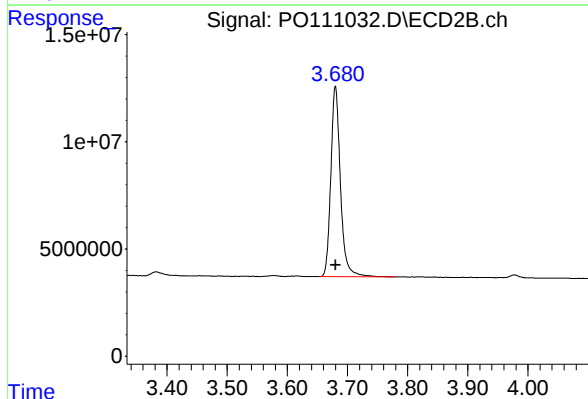




#1 Tetrachloro-m-xylene

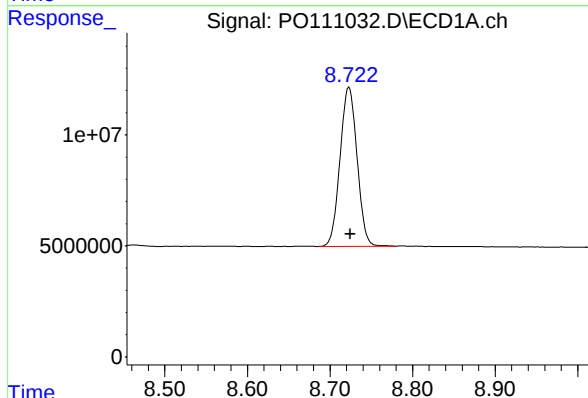
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 117954505
Conc: 20.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167972BL



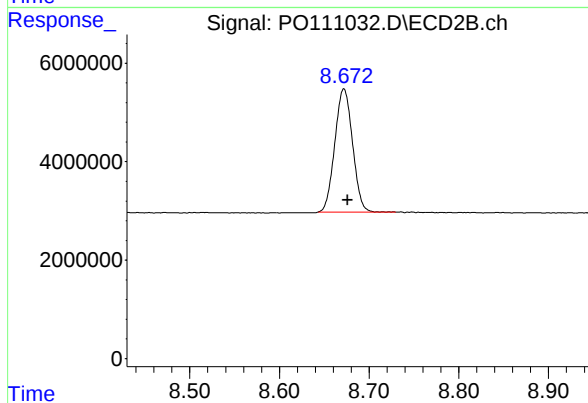
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 98593840
Conc: 20.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.723 min
Delta R.T.: -0.002 min
Response: 102813917
Conc: 16.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.672 min
Delta R.T.: -0.004 min
Response: 34340558
Conc: 20.35 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
 Data File : PO111033.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 13:42
 Operator : YP/AJ
 Sample : PB167972BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167972BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:20:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 02 23:47:49 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...	3.684	3.680	105.8E6	90473919	18.492	18.681
2) SA Decachlor...	8.722	8.672	99783768	33883666	16.351	20.082
Target Compounds						
3) L1 AR-1016-1	4.773	4.758	98069941	81945722	443.727	515.780
4) L1 AR-1016-2	4.791	4.777	142.3E6	117.8E6	458.656	515.527
5) L1 AR-1016-3	4.848	4.952	96911891	62716139	423.747	514.336
6) L1 AR-1016-4	4.969	4.994	76915253	51404965	460.039	510.167
7) L1 AR-1016-5	5.226	5.207	76504759	64905074	429.588	493.940
31) L7 AR-1260-1	6.265	6.237	145.1E6	113.6E6	436.191	514.625
32) L7 AR-1260-2	6.455	6.425	179.0E6	131.8E6	431.504	512.209
33) L7 AR-1260-3	6.821	6.577	136.3E6	121.0E6	386.821	519.195 #
34) L7 AR-1260-4	7.081	7.048	119.0E6	79508707	391.256	436.631
35) L7 AR-1260-5	7.323	7.289	289.1E6	171.0E6	393.713	434.797

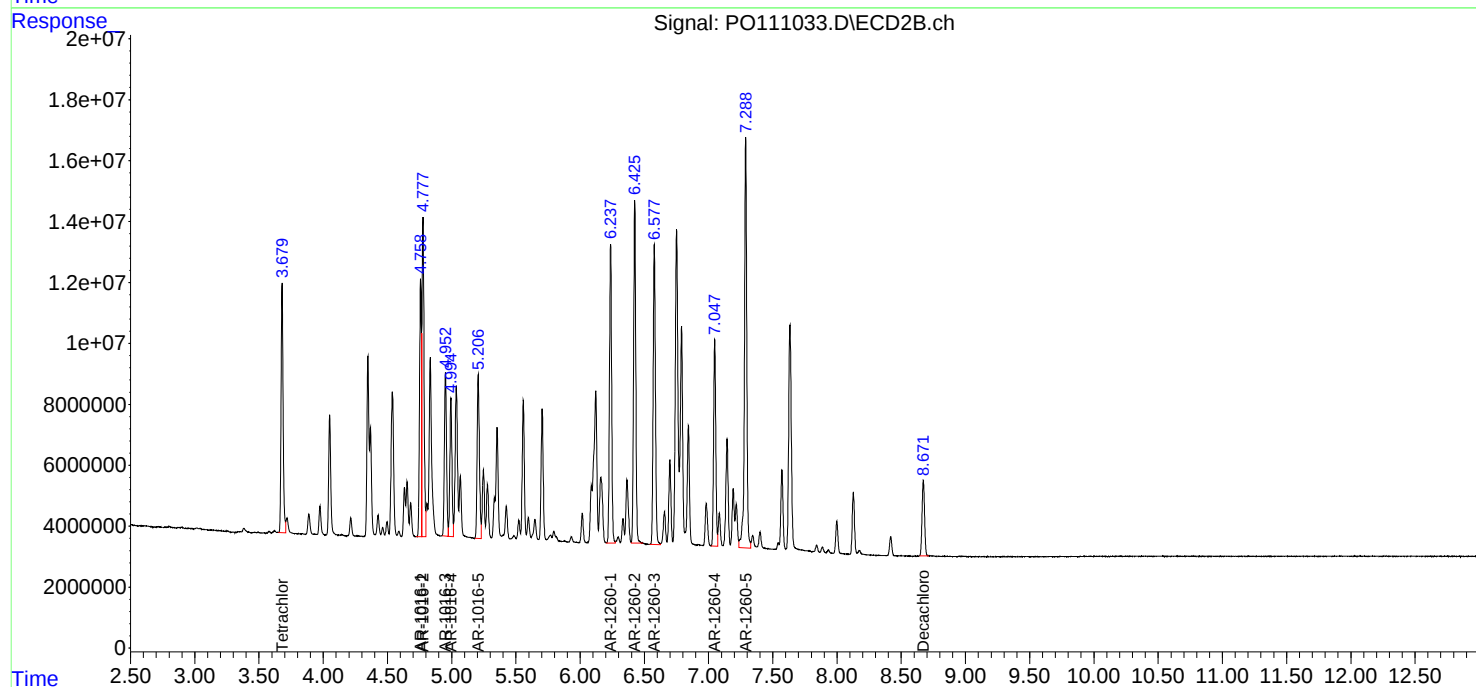
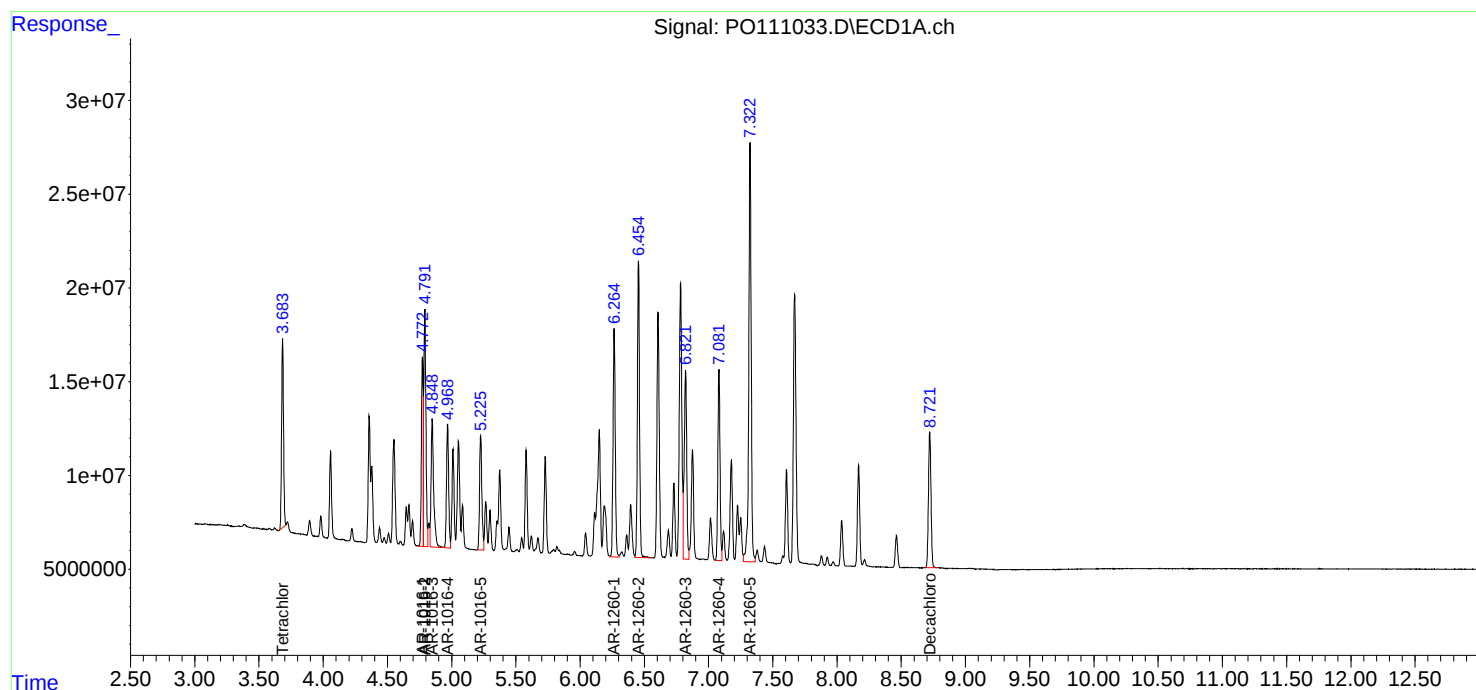
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
Data File : PO111033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 13:42
Operator : YP/AJ
Sample : PB167972BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167972BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:20:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
 Data File : PO111038.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 15:14
 Operator : YP/AJ
 Sample : Q2017-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MH-IMS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:22:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 02 23:47:49 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...	3.684	3.680	113.5E6	99999310	19.844	20.648
2) SA Decachlor...	8.722	8.672	90967711	32031898	14.907	18.985 #
Target Compounds						
3) L1 AR-1016-1	4.773	4.758	110.2E6	93024076	498.792	585.509
4) L1 AR-1016-2	4.791	4.777	159.5E6	135.6E6	514.189	593.082
5) L1 AR-1016-3	4.848	4.952	109.1E6	72040785	476.822	590.807
6) L1 AR-1016-4	4.968	4.994	86859138	58216426	519.515	577.767
7) L1 AR-1016-5	5.225	5.206	86470553	74408539	485.547	566.263
31) L7 AR-1260-1	6.265	6.237	152.3E6	122.5E6	457.972	554.658
32) L7 AR-1260-2	6.454	6.425	185.1E6	139.3E6	446.172	541.380
33) L7 AR-1260-3	6.821	6.577	141.7E6	129.3E6	402.114	554.474 #
34) L7 AR-1260-4	7.080	7.048	124.5E6	83370805	409.344	457.840
35) L7 AR-1260-5	7.323	7.289	298.5E6	176.5E6	406.506	448.818

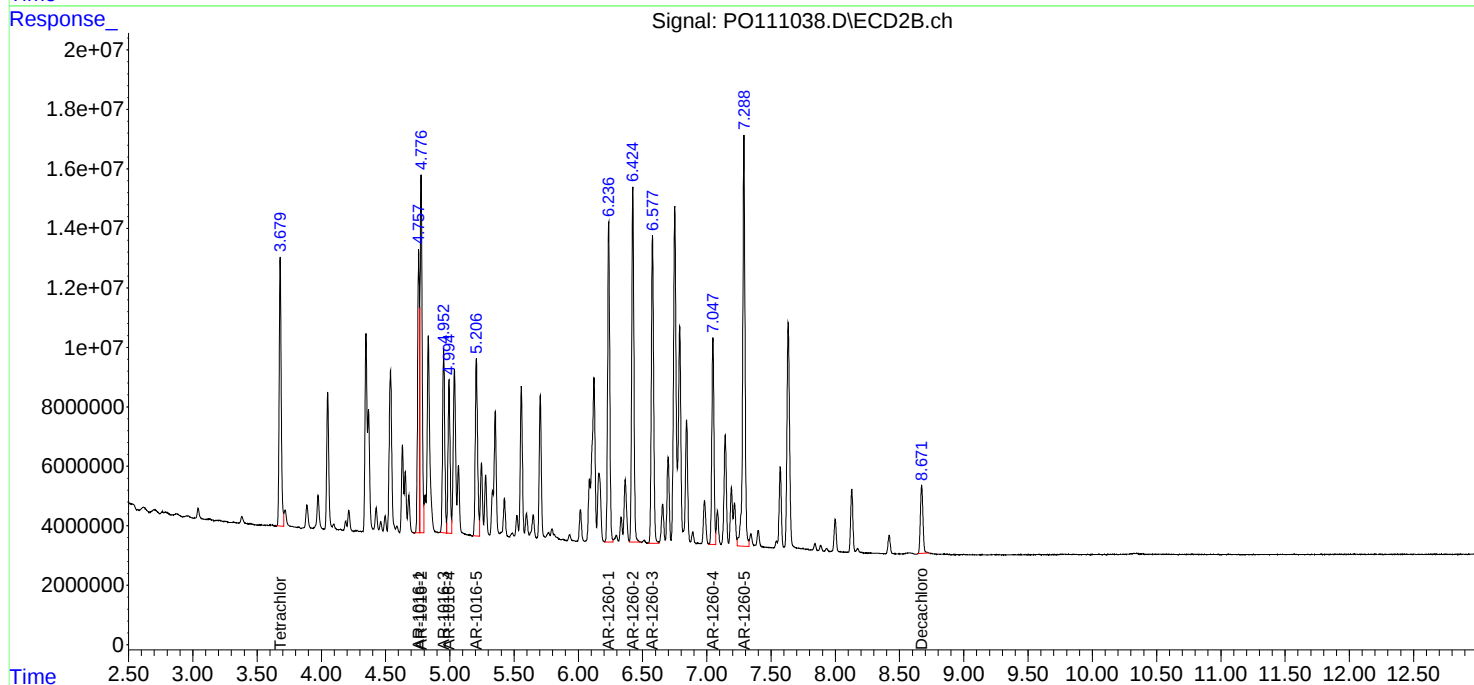
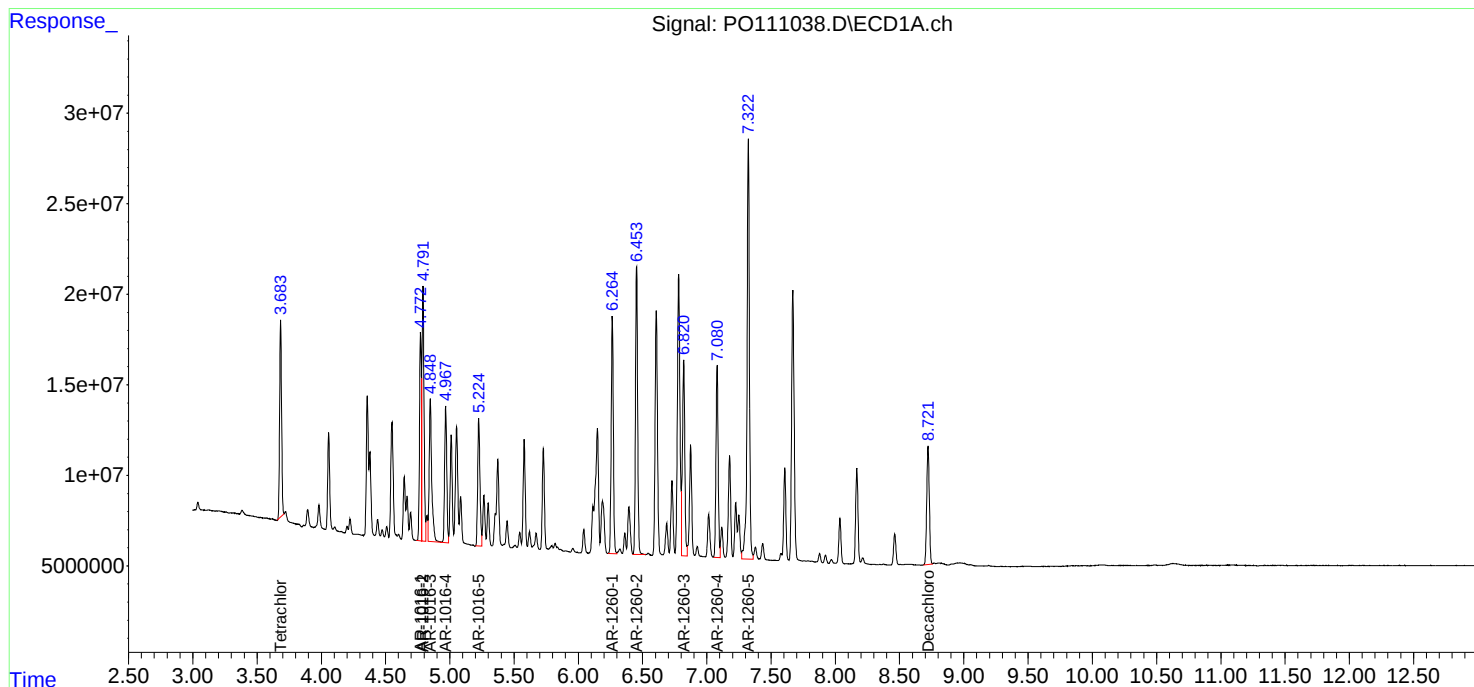
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
Data File : PO111038.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 15:14
Operator : YP/AJ
Sample : Q2017-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MH-IMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:22:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051325\
 Data File : P0111039.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 15:32
 Operator : YP/AJ
 Sample : Q2017-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MH-IMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:22:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 02 23:47:49 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...	3.684	3.680	108.6E6	95010685	18.979	19.618
2) SA Decachlor...	8.723	8.673	86532445	31022438	14.180	18.386 #
Target Compounds						
3) L1 AR-1016-1	4.773	4.759	106.9E6	89379940	483.830	562.572
4) L1 AR-1016-2	4.792	4.777	150.8E6	128.4E6	486.033	561.902
5) L1 AR-1016-3	4.849	4.952	104.4E6	68458321	456.556	561.428
6) L1 AR-1016-4	4.969	4.994	82954384	55326084	496.160	549.082
7) L1 AR-1016-5	5.226	5.207	83299519	70925290	467.742	539.755
31) L7 AR-1260-1	6.265	6.238	145.4E6	116.8E6	437.048	529.210
32) L7 AR-1260-2	6.455	6.425	176.8E6	132.9E6	426.270	516.712
33) L7 AR-1260-3	6.822	6.577	135.9E6	123.8E6	385.793	531.070 #
34) L7 AR-1260-4	7.081	7.048	119.1E6	79823441	391.501	438.360
35) L7 AR-1260-5	7.323	7.289	285.8E6	170.2E6	389.120	432.918

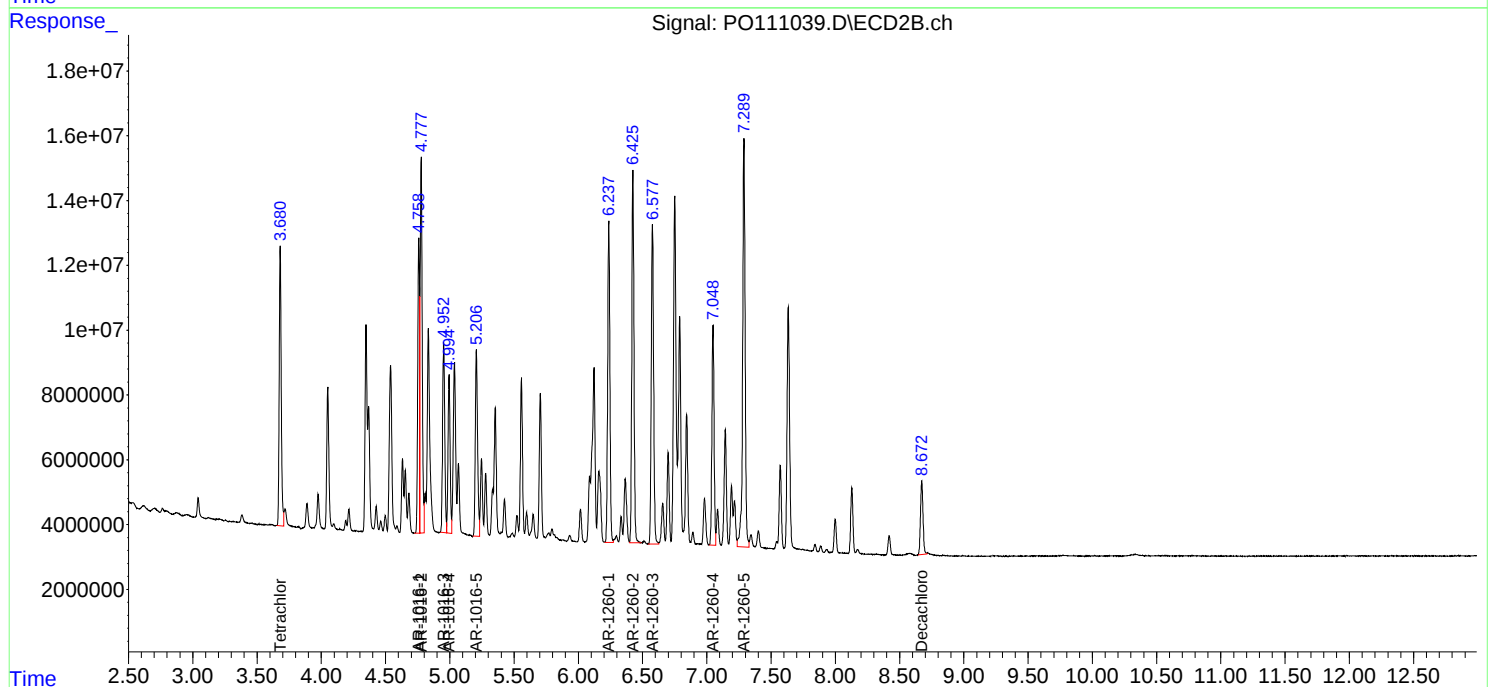
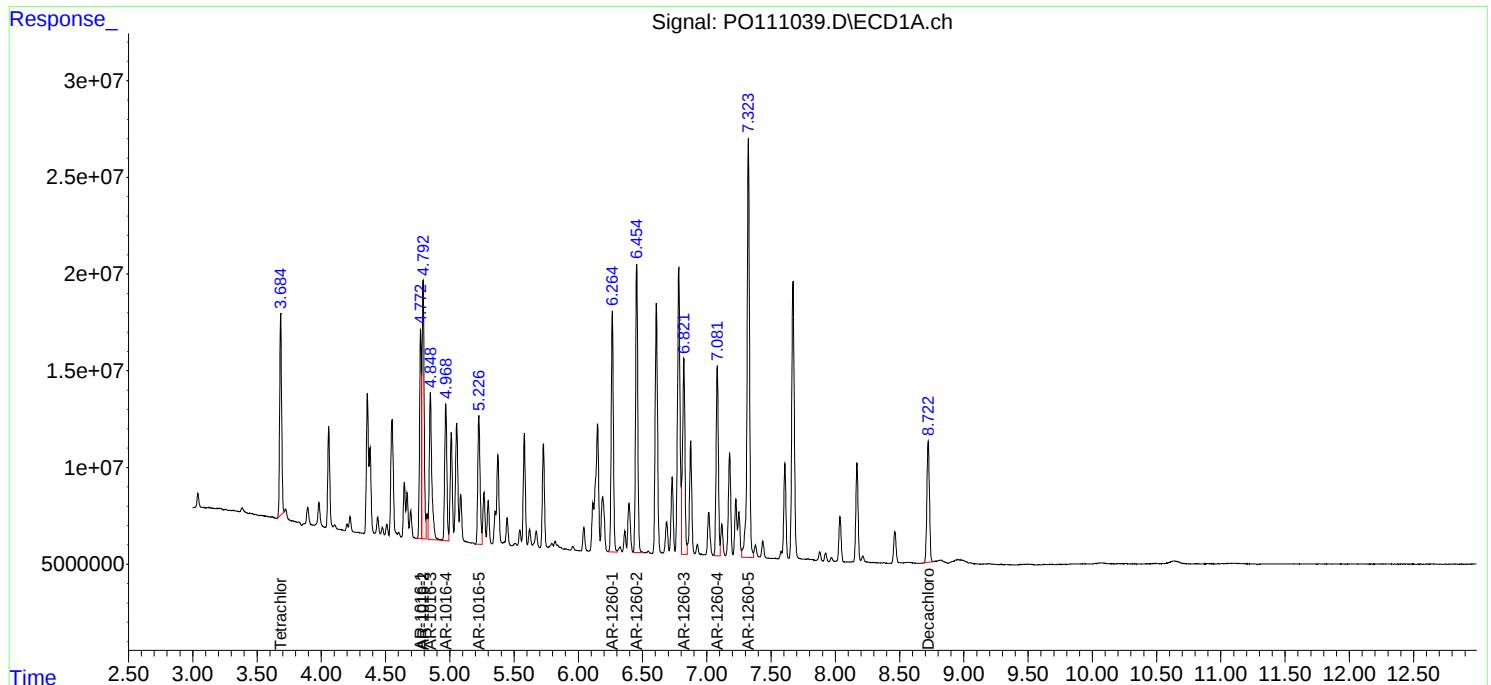
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO051325\
Data File : PO111039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 15:32
Operator : YP/AJ
Sample : Q2017-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MH-IMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:22:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 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



Manual Integration Report

Sequence:	PO050225	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO110896.D	AR-1260-4 #2	yogesh	5/5/2025 7:39:44 AM	mohammad	5/6/2025 4:48:57	Peak Integrated by Software
AR1660ICC050	PO110896.D	AR-1260-5 #2	yogesh	5/5/2025 7:39:44 AM	mohammad	5/6/2025 4:48:57	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-1 #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-2 #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-3	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-3 #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-4	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-4 #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	Tetrachloro-m-xylene	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	Tetrachloro-m-xylene #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICV500	PO110924.D	AR-1268-1	yogesh	5/5/2025 7:39:50 AM	mohammad	5/6/2025 4:48:51	Peak Integrated by Software

Manual Integration Report

Sequence:	po051325	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO111029.D	AR-1254-5	yogesh	5/14/2025 7:38:13 AM	mohammad	5/15/2025 3:42:21	Peak Integrated by Software
AR1660CCC500	PO111041.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:38:03 AM	mohammad	5/15/2025 3:42:21	Peak Integrated by Software
AR1242CCC500	PO111042.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:38:05 AM	mohammad	5/15/2025 3:42:21	Peak Integrated by Software
AR1254CCC500	PO111044.D	AR-1254-5	yogesh	5/14/2025 7:38:06 AM	mohammad	5/15/2025 3:42:21	Peak Integrated by Software

Manual Integration Report

Sequence:	PP042225	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP071393.D	AR-1260-3	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1660ICC050	PP071393.D	AR-1260-4	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1660ICC050	PP071393.D	AR-1260-5	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1254ICC750	PP071407.D	AR-1254-5	yogesh	4/23/2025 7:32:40 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1254ICC050	PP071410.D	Tetrachloro-m-xylene	yogesh	4/23/2025 7:32:41 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC1000	PP071412.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:43 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC750	PP071413.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:44 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC500	PP071414.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:46 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC250	PP071415.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:48 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-1	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-2	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICV500	PP071421.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:52 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PP042225

Instrument

ECD_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	pp051325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP072003.D	AR-1016-1	yogesh	5/14/2025 7:36:08 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072003.D	AR-1016-1 #2	yogesh	5/14/2025 7:36:08 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072003.D	AR-1016-2	yogesh	5/14/2025 7:36:08 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072003.D	AR-1016-2 #2	yogesh	5/14/2025 7:36:08 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072003.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:08 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072004.D	AR-1242-1 #2	yogesh	5/14/2025 7:36:10 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072004.D	AR-1242-2 #2	yogesh	5/14/2025 7:36:10 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072004.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:10 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072004.D	Tetrachloro-m-xylene #2	yogesh	5/14/2025 7:36:10 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1248CCC500	PP072005.D	AR-1248-1 #2	yogesh	5/14/2025 7:36:12 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1248CCC500	PP072005.D	Decachlorobiphenyl	yogesh	5/14/2025 7:36:12 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1248CCC500	PP072005.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:12 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1248CCC500	PP072005.D	Tetrachloro-m-xylene #2	yogesh	5/14/2025 7:36:12 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software

Manual Integration Report

Sequence:	pp051325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP072006.D	AR-1254-4 #2	yogesh	5/14/2025 7:36:14 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1254CCC500	PP072006.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:14 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
I.BLK	PP072007.D	Decachlorobiphenyl	yogesh	5/15/2025 8:20:09 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
I.BLK	PP072007.D	Decachlorobiphenyl #2	yogesh	5/15/2025 8:20:09 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
I.BLK	PP072007.D	Tetrachloro-m-xylene #2	yogesh	5/15/2025 8:20:09 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-04	PP072009.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:21 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-04	PP072009.D	Tetrachloro-m-xylene	yogesh	5/14/2025 7:36:21 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-04	PP072009.D	Tetrachloro-m-xylene #2	yogesh	5/14/2025 7:36:21 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-05	PP072010.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:23 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-05	PP072010.D	Tetrachloro-m-xylene #2	yogesh	5/14/2025 7:36:23 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-06	PP072011.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:25 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-06	PP072011.D	Tetrachloro-m-xylene #2	yogesh	5/14/2025 7:36:25 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-07	PP072012.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:27 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software

Manual Integration Report

Sequence:	pp051325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1982-08	PP072013.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:29 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-08	PP072013.D	Tetrachloro-m-xylene	yogesh	5/14/2025 7:36:29 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
Q1982-08	PP072013.D	Tetrachloro-m-xylene #2	yogesh	5/14/2025 7:36:29 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072018.D	AR-1016-1	yogesh	5/14/2025 7:36:40 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072018.D	AR-1016-1 #2	yogesh	5/14/2025 7:36:40 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072018.D	AR-1016-2	yogesh	5/14/2025 7:36:40 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072018.D	AR-1016-2 #2	yogesh	5/14/2025 7:36:40 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072018.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:40 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072019.D	AR-1242-1 #2	yogesh	5/14/2025 7:36:41 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072019.D	AR-1242-2 #2	yogesh	5/14/2025 7:36:41 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072019.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:41 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1248CCC500	PP072020.D	AR-1248-1 #2	yogesh	5/14/2025 7:36:43 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1248CCC500	PP072020.D	AR-1248-3	yogesh	5/14/2025 7:36:43 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software

Manual Integration Report

Sequence:	pp051325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP072020.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:43 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1254CCC500	PP072021.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:45 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1254CCC500	PP072021.D	Tetrachloro-m-xylene #2	yogesh	5/14/2025 7:36:45 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
I.BLK	PP072022.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:36:47 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072027.D	AR-1016-1 #2	yogesh	5/14/2025 7:37:00 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072027.D	AR-1016-2 #2	yogesh	5/14/2025 7:37:00 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1660CCC500	PP072027.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:37:00 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072028.D	AR-1242-1 #2	yogesh	5/14/2025 7:37:02 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072028.D	AR-1242-2 #2	yogesh	5/14/2025 7:37:02 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1242CCC500	PP072028.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:37:02 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1248CCC500	PP072029.D	AR-1248-1 #2	yogesh	5/14/2025 7:37:04 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1248CCC500	PP072029.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:37:04 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
AR1254CCC500	PP072030.D	AR-1254-4 #2	yogesh	5/14/2025 7:37:06 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software

Manual Integration Report

Sequence:

pp051325

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP072030.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:37:06 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software
I.BLK	PP072031.D	Decachlorobiphenyl #2	yogesh	5/14/2025 7:37:08 AM	mohammad	5/16/2025 1:54:35	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO050225

Review By	yogesh	Review On	5/2/2025 11:26:03 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:49:19 AM
SubDirectory	PO050225	HP Acquire Method	HP Processing Method PO050225
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	PO110890.D	02 May 2025 09:08	YP/AJ	Ok
2	I.BLK	PO110891.D	02 May 2025 09:27	YP/AJ	Ok
3	AR1660ICC1000	PO110892.D	02 May 2025 09:45	YP/AJ	Ok
4	AR1660ICC750	PO110893.D	02 May 2025 10:04	YP/AJ	Ok
5	AR1660ICC500	PO110894.D	02 May 2025 10:21	YP/AJ	Ok
6	AR1660ICC250	PO110895.D	02 May 2025 10:39	YP/AJ	Ok
7	AR1660ICC050	PO110896.D	02 May 2025 10:58	YP/AJ	Ok,M
8	AR1221ICC500	PO110897.D	02 May 2025 11:16	YP/AJ	Ok
9	AR1232ICC500	PO110898.D	02 May 2025 11:34	YP/AJ	Ok
10	AR1242ICC1000	PO110899.D	02 May 2025 11:53	YP/AJ	Ok
11	AR1242ICC750	PO110900.D	02 May 2025 12:11	YP/AJ	Ok
12	AR1242ICC500	PO110901.D	02 May 2025 12:29	YP/AJ	Ok
13	AR1242ICC250	PO110902.D	02 May 2025 12:48	YP/AJ	Ok
14	AR1242ICC050	PO110903.D	02 May 2025 13:06	YP/AJ	Ok
15	AR1248ICC1000	PO110904.D	02 May 2025 13:25	YP/AJ	Ok
16	AR1248ICC750	PO110905.D	02 May 2025 13:43	YP/AJ	Ok
17	AR1248ICC500	PO110906.D	02 May 2025 14:00	YP/AJ	Ok
18	AR1248ICC250	PO110907.D	02 May 2025 14:35	YP/AJ	Ok
19	AR1248ICC050	PO110908.D	02 May 2025 14:53	YP/AJ	Ok
20	AR1254ICC1000	PO110909.D	02 May 2025 15:12	YP/AJ	Ok
21	AR1254ICC750	PO110910.D	02 May 2025 15:30	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO050225

Review By	yogesh	Review On	5/2/2025 11:26:03 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:49:19 AM
SubDirectory	PO050225	HP Acquire Method	HP Processing Method PO050225
STD. NAME	STD REF.#		
Tune/Reschk	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		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
LCS Standard			

22	AR1254ICC500	PO110911.D	02 May 2025 15:48	YP/AJ	Ok
23	AR1254ICC250	PO110912.D	02 May 2025 16:07	YP/AJ	Ok
24	AR1254ICC050	PO110913.D	02 May 2025 16:25	YP/AJ	Ok
25	AR1262ICC500	PO110914.D	02 May 2025 17:01	YP/AJ	Ok
26	AR1268ICC1000	PO110915.D	02 May 2025 17:19	YP/AJ	Ok
27	AR1268ICC750	PO110916.D	02 May 2025 17:38	YP/AJ	Ok
28	AR1268ICC500	PO110917.D	02 May 2025 17:55	YP/AJ	Ok
29	AR1268ICC250	PO110918.D	02 May 2025 18:12	YP/AJ	Ok
30	AR1268ICC050	PO110919.D	02 May 2025 18:29	YP/AJ	Ok,M
31	PO050225ICV500	PO110920.D	02 May 2025 19:41	YP/AJ	Ok
32	AR1242ICV500	PO110921.D	02 May 2025 20:18	YP/AJ	Ok
33	AR1248ICV500	PO110922.D	02 May 2025 20:54	YP/AJ	Ok
34	AR1254ICV500	PO110923.D	02 May 2025 21:31	YP/AJ	Ok
35	AR1268ICV500	PO110924.D	02 May 2025 22:08	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO051325

Review By	yogesh	Review On	5/13/2025 10:46:19 AM
Supervise By	mohammad	Supervise On	5/15/2025 3:42:21 AM
SubDirectory	PO051325	HP Acquire Method	HP Processing Method PO050225
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	PO111025.D	13 May 2025 08:31	YP/AJ	Ok
2	AR1660CCC500	PO111026.D	13 May 2025 09:08	YP/AJ	Ok
3	AR1242CCC500	PO111027.D	13 May 2025 09:33	YP/AJ	Ok
4	AR1248CCC500	PO111028.D	13 May 2025 09:51	YP/AJ	Ok
5	AR1254CCC500	PO111029.D	13 May 2025 10:10	YP/AJ	Ok,M
6	I.BLK	PO111030.D	13 May 2025 10:28	YP/AJ	Ok
7	Q1984-09	PO111031.D	13 May 2025 10:46	YP/AJ	Ok
8	PB167972BL	PO111032.D	13 May 2025 13:24	YP/AJ	Ok
9	PB167972BS	PO111033.D	13 May 2025 13:42	YP/AJ	Ok
10	Q1982-01	PO111034.D	13 May 2025 14:01	YP/AJ	Ok
11	Q1982-02	PO111035.D	13 May 2025 14:19	YP/AJ	Ok
12	Q1982-03	PO111036.D	13 May 2025 14:37	YP/AJ	Ok
13	Q2017-01	PO111037.D	13 May 2025 14:56	YP/AJ	Ok
14	Q2017-01MS	PO111038.D	13 May 2025 15:14	YP/AJ	Ok
15	Q2017-01MSD	PO111039.D	13 May 2025 15:32	YP/AJ	Ok
16	Q2017-05	PO111040.D	13 May 2025 15:51	YP/AJ	Ok
17	AR1660CCC500	PO111041.D	13 May 2025 17:33	YP/AJ	Ok,M
18	AR1242CCC500	PO111042.D	13 May 2025 18:28	YP/AJ	Ok,M
19	AR1248CCC500	PO111043.D	13 May 2025 18:46	YP/AJ	Ok
20	AR1254CCC500	PO111044.D	13 May 2025 19:04	YP/AJ	Ok,M
21	I.BLK	PO111045.D	13 May 2025 19:23	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM
SubDirectory	PP042225	HP Acquire Method	HP Processing Method PP042225
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	PP071387.D	22 Apr 2025 09:56	YP\AJ	Ok
2	I.BLK	PP071388.D	22 Apr 2025 10:13	YP\AJ	Ok
3	AR1660ICC1000	PP071389.D	22 Apr 2025 10:29	YP\AJ	Ok
4	AR1660ICC750	PP071390.D	22 Apr 2025 10:45	YP\AJ	Ok
5	AR1660ICC500	PP071391.D	22 Apr 2025 11:02	YP\AJ	Ok
6	AR1660ICC250	PP071392.D	22 Apr 2025 11:18	YP\AJ	Ok
7	AR1660ICC050	PP071393.D	22 Apr 2025 11:34	YP\AJ	Ok,M
8	AR1221ICC500	PP071394.D	22 Apr 2025 11:51	YP\AJ	Ok
9	AR1232ICC500	PP071395.D	22 Apr 2025 12:07	YP\AJ	Ok
10	AR1242ICC1000	PP071396.D	22 Apr 2025 12:23	YP\AJ	Ok
11	AR1242ICC750	PP071397.D	22 Apr 2025 12:39	YP\AJ	Ok
12	AR1242ICC500	PP071398.D	22 Apr 2025 12:56	YP\AJ	Ok
13	AR1242ICC250	PP071399.D	22 Apr 2025 13:12	YP\AJ	Ok
14	AR1242ICC050	PP071400.D	22 Apr 2025 13:28	YP\AJ	Ok
15	AR1248ICC1000	PP071401.D	22 Apr 2025 13:45	YP\AJ	Ok
16	AR1248ICC750	PP071402.D	22 Apr 2025 14:01	YP\AJ	Ok
17	AR1248ICC500	PP071403.D	22 Apr 2025 14:17	YP\AJ	Ok
18	AR1248ICC250	PP071404.D	22 Apr 2025 14:33	YP\AJ	Ok
19	AR1248ICC050	PP071405.D	22 Apr 2025 14:50	YP\AJ	Ok
20	AR1254ICC1000	PP071406.D	22 Apr 2025 15:06	YP\AJ	Ok
21	AR1254ICC750	PP071407.D	22 Apr 2025 15:22	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM
SubDirectory	PP042225	HP Acquire Method	HP Processing Method PP042225
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	AR1254ICC500	PP071408.D	22 Apr 2025 15:38	YP\AJ	Ok
23	AR1254ICC250	PP071409.D	22 Apr 2025 15:55	YP\AJ	Ok
24	AR1254ICC050	PP071410.D	22 Apr 2025 16:11	YP\AJ	Ok,M
25	AR1262ICC500	PP071411.D	22 Apr 2025 16:27	YP\AJ	Ok
26	AR1268ICC1000	PP071412.D	22 Apr 2025 16:44	YP\AJ	Ok,M
27	AR1268ICC750	PP071413.D	22 Apr 2025 17:00	YP\AJ	Ok,M
28	AR1268ICC500	PP071414.D	22 Apr 2025 17:16	YP\AJ	Ok,M
29	AR1268ICC250	PP071415.D	22 Apr 2025 17:33	YP\AJ	Ok,M
30	AR1268ICC050	PP071416.D	22 Apr 2025 17:49	YP\AJ	Ok,M
31	PP042225ICV500	PP071417.D	22 Apr 2025 18:05	YP\AJ	Ok
32	AR1242ICV500	PP071418.D	22 Apr 2025 18:38	YP\AJ	Ok
33	AR1248ICV500	PP071419.D	22 Apr 2025 19:27	YP\AJ	Ok
34	AR1254ICV500	PP071420.D	22 Apr 2025 19:43	YP\AJ	Ok
35	AR1268ICV500	PP071421.D	22 Apr 2025 20:16	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051325

Review By	yogesh	Review On	5/13/2025 10:45:34 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:54:35 AM
SubDirectory	PP051325	HP Acquire Method	HP Processing Method PP042225
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	PP072002.D	13 May 2025 08:29	YP\AJ	Ok
2	AR1660CCC500	PP072003.D	13 May 2025 08:46	YP\AJ	Ok,M
3	AR1242CCC500	PP072004.D	13 May 2025 09:02	YP\AJ	Ok,M
4	AR1248CCC500	PP072005.D	13 May 2025 09:19	YP\AJ	Ok,M
5	AR1254CCC500	PP072006.D	13 May 2025 09:36	YP\AJ	Ok,M
6	I.BLK	PP072007.D	13 May 2025 09:52	YP\AJ	Ok,M
7	Q1984-13	PP072008.D	13 May 2025 10:08	YP\AJ	Ok,M
8	Q1982-04	PP072009.D	13 May 2025 13:02	YP\AJ	Ok,M
9	Q1982-05	PP072010.D	13 May 2025 13:18	YP\AJ	Ok,M
10	Q1982-06	PP072011.D	13 May 2025 13:35	YP\AJ	Ok,M
11	Q1982-07	PP072012.D	13 May 2025 13:51	YP\AJ	Ok,M
12	Q1982-08	PP072013.D	13 May 2025 14:07	YP\AJ	Ok,M
13	Q1984-15	PP072014.D	13 May 2025 14:23	YP\AJ	ReRun
14	Q2001-02	PP072015.D	13 May 2025 14:40	YP\AJ	Ok,M
15	Q2001-06	PP072016.D	13 May 2025 14:56	YP\AJ	Ok,M
16	Q2001-10	PP072017.D	13 May 2025 15:13	YP\AJ	Ok,M
17	AR1660CCC500	PP072018.D	13 May 2025 16:35	YP\AJ	Ok,M
18	AR1242CCC500	PP072019.D	13 May 2025 17:24	YP\AJ	Ok,M
19	AR1248CCC500	PP072020.D	13 May 2025 17:40	YP\AJ	Ok,M
20	AR1254CCC500	PP072021.D	13 May 2025 17:56	YP\AJ	Ok,M
21	I.BLK	PP072022.D	13 May 2025 18:13	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051325

Review By	yogesh	Review On	5/13/2025 10:45:34 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:54:35 AM
SubDirectory	PP051325	HP Acquire Method	HP Processing Method PP042225
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	Q2001-14	PP072023.D	13 May 2025 18:29	YP\AJ	Ok,M
23	Q2014-01	PP072024.D	13 May 2025 18:45	YP\AJ	Ok,M
24	Q2014-03	PP072025.D	13 May 2025 19:01	YP\AJ	Ok,M
25	Q2014-05	PP072026.D	13 May 2025 19:18	YP\AJ	Not Ok
26	AR1660CCC500	PP072027.D	13 May 2025 20:39	YP\AJ	Ok,M
27	AR1242CCC500	PP072028.D	13 May 2025 21:28	YP\AJ	Ok,M
28	AR1248CCC500	PP072029.D	13 May 2025 21:45	YP\AJ	Ok,M
29	AR1254CCC500	PP072030.D	13 May 2025 22:01	YP\AJ	Ok,M
30	I.BLK	PP072031.D	13 May 2025 22:17	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO050225

Review By	yogesh	Review On	5/2/2025 11:26:03 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:49:19 AM
SubDirectory	PO050225	HP Acquire Method	HP Processing Method PO050225
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,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110890.D	02 May 2025 09:08		YP/AJ	Ok
2	I.BLK	I.BLK	PO110891.D	02 May 2025 09:27		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO110892.D	02 May 2025 09:45		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO110893.D	02 May 2025 10:04		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO110894.D	02 May 2025 10:21		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO110895.D	02 May 2025 10:39		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO110896.D	02 May 2025 10:58		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO110897.D	02 May 2025 11:16		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO110898.D	02 May 2025 11:34		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO110899.D	02 May 2025 11:53		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO110900.D	02 May 2025 12:11		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO110901.D	02 May 2025 12:29		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO110902.D	02 May 2025 12:48		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO110903.D	02 May 2025 13:06		YP/AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PO110904.D	02 May 2025 13:25		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO110905.D	02 May 2025 13:43		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO110906.D	02 May 2025 14:00		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO110907.D	02 May 2025 14:35		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO050225

Review By	yogesh	Review On	5/2/2025 11:26:03 AM	
Supervise By	mohammad	Supervise On	5/6/2025 4:49:19 AM	
SubDirectory	PO050225	HP Acquire Method	HP Processing Method	PO050225
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			
Initial Calibration Stds				
CCC				
Internal Standard/PEM				
ICV/I.BLK				
Surrogate Standard				
MS/MSD Standard	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387			
LCS Standard				

19	AR1248ICC050	AR1248ICC050	PO110908.D	02 May 2025 14:53		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO110909.D	02 May 2025 15:12		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO110910.D	02 May 2025 15:30		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO110911.D	02 May 2025 15:48		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO110912.D	02 May 2025 16:07		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO110913.D	02 May 2025 16:25		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO110914.D	02 May 2025 17:01		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO110915.D	02 May 2025 17:19		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO110916.D	02 May 2025 17:38		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO110917.D	02 May 2025 17:55		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO110918.D	02 May 2025 18:12		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO110919.D	02 May 2025 18:29		YP/AJ	Ok,M
31	PO050225ICV500	ICVPO050225	PO110920.D	02 May 2025 19:41		YP/AJ	Ok
32	AR1242ICV500	ICVPO050225AR1242	PO110921.D	02 May 2025 20:18		YP/AJ	Ok
33	AR1248ICV500	ICVPO050225AR1248	PO110922.D	02 May 2025 20:54		YP/AJ	Ok
34	AR1254ICV500	ICVPO050225AR1254	PO110923.D	02 May 2025 21:31		YP/AJ	Ok
35	AR1268ICV500	ICVPO050225AR1268	PO110924.D	02 May 2025 22:08		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO051325

Review By	yogesh	Review On	5/13/2025 10:46:19 AM
Supervise By	mohammad	Supervise On	5/15/2025 3:42:21 AM
SubDirectory	PO051325	HP Acquire Method	HP Processing Method PO050225
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	PO111025.D	13 May 2025 08:31		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO111026.D	13 May 2025 09:08		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO111027.D	13 May 2025 09:33	DCB high in 2nd column	YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO111028.D	13 May 2025 09:51	AR1248 high in 2nd column , TCMX high in 2nd column	YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO111029.D	13 May 2025 10:10		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO111030.D	13 May 2025 10:28		YP/AJ	Ok
7	Q1984-09	OU4-TS-25-050725	PO111031.D	13 May 2025 10:46		YP/AJ	Ok
8	PB167972BL	PB167972BL	PO111032.D	13 May 2025 13:24		YP/AJ	Ok
9	PB167972BS	PB167972BS	PO111033.D	13 May 2025 13:42		YP/AJ	Ok
10	Q1982-01	TP-1	PO111034.D	13 May 2025 14:01		YP/AJ	Ok
11	Q1982-02	TP-2B	PO111035.D	13 May 2025 14:19		YP/AJ	Ok
12	Q1982-03	TP-3	PO111036.D	13 May 2025 14:37		YP/AJ	Ok
13	Q2017-01	MH-I	PO111037.D	13 May 2025 14:56		YP/AJ	Ok
14	Q2017-01MS	MH-IMS	PO111038.D	13 May 2025 15:14		YP/AJ	Ok
15	Q2017-01MSD	MH-IMSD	PO111039.D	13 May 2025 15:32		YP/AJ	Ok
16	Q2017-05	MH-J	PO111040.D	13 May 2025 15:51		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO111041.D	13 May 2025 17:33		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO051325

Review By	yogesh	Review On	5/13/2025 10:46:19 AM
Supervise By	mohammad	Supervise On	5/15/2025 3:42:21 AM
SubDirectory	PO051325	HP Acquire Method	HP Processing Method PO050225
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			

18	AR1242CCC500	AR1242CCC500	PO111042.D	13 May 2025 18:28	DCB high in 2nd column	YP/AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PO111043.D	13 May 2025 18:46		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO111044.D	13 May 2025 19:04		YP/AJ	Ok,M
21	I.BLK	I.BLK	PO111045.D	13 May 2025 19:23		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM
SubDirectory	PP042225	HP Acquire Method	HP Processing Method PP042225

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	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071387.D	22 Apr 2025 09:56		YP\AJ	Ok
2	I.BLK	I.BLK	PP071388.D	22 Apr 2025 10:13		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP071389.D	22 Apr 2025 10:29		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP071390.D	22 Apr 2025 10:45		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP071391.D	22 Apr 2025 11:02		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP071392.D	22 Apr 2025 11:18		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP071393.D	22 Apr 2025 11:34		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP071394.D	22 Apr 2025 11:51		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP071395.D	22 Apr 2025 12:07		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP071396.D	22 Apr 2025 12:23		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP071397.D	22 Apr 2025 12:39		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP071398.D	22 Apr 2025 12:56		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP071399.D	22 Apr 2025 13:12		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP071400.D	22 Apr 2025 13:28		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP071401.D	22 Apr 2025 13:45		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP071402.D	22 Apr 2025 14:01		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP071403.D	22 Apr 2025 14:17		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP071404.D	22 Apr 2025 14:33		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM
SubDirectory	PP042225	HP Acquire Method	HP Processing Method PP042225
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 PP24332,PP24347,PP24352,PP24357 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			

19	AR1248ICC050	AR1248ICC050	PP071405.D	22 Apr 2025 14:50		YPIAJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP071406.D	22 Apr 2025 15:06		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP071407.D	22 Apr 2025 15:22		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP071408.D	22 Apr 2025 15:38		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP071409.D	22 Apr 2025 15:55		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP071410.D	22 Apr 2025 16:11		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP071411.D	22 Apr 2025 16:27		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP071412.D	22 Apr 2025 16:44		YPIAJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP071413.D	22 Apr 2025 17:00		YPIAJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP071414.D	22 Apr 2025 17:16		YPIAJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP071415.D	22 Apr 2025 17:33		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP071416.D	22 Apr 2025 17:49		YPIAJ	Ok,M
31	PP042225ICV500	ICVPP042225	PP071417.D	22 Apr 2025 18:05		YPIAJ	Ok
32	AR1242ICV500	ICVPP042225AR1242	PP071418.D	22 Apr 2025 18:38		YPIAJ	Ok
33	AR1248ICV500	ICVPP042225AR1248	PP071419.D	22 Apr 2025 19:27		YPIAJ	Ok
34	AR1254ICV500	ICVPP042225AR1254	PP071420.D	22 Apr 2025 19:43		YPIAJ	Ok
35	AR1268ICV500	ICVPP042225AR1268	PP071421.D	22 Apr 2025 20:16		YPIAJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051325

Review By	yogesh	Review On	5/13/2025 10:45:34 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:54:35 AM
SubDirectory	PP051325	HP Acquire Method	HP Processing Method PP042225
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	PP072002.D	13 May 2025 08:29		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP072003.D	13 May 2025 08:46	DCB high in 2nd column	YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP072004.D	13 May 2025 09:02		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP072005.D	13 May 2025 09:19	DCB high in 2nd column	YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP072006.D	13 May 2025 09:36	DCB high in 2nd column	YP\AJ	Ok,M
6	I.BLK	I.BLK	PP072007.D	13 May 2025 09:52		YP\AJ	Ok,M
7	Q1984-13	OU4-TS-27-050725	PP072008.D	13 May 2025 10:08		YP\AJ	Ok,M
8	Q1982-04	TP-4	PP072009.D	13 May 2025 13:02		YP\AJ	Ok,M
9	Q1982-05	TP-5	PP072010.D	13 May 2025 13:18		YP\AJ	Ok,M
10	Q1982-06	TP-6	PP072011.D	13 May 2025 13:35		YP\AJ	Ok,M
11	Q1982-07	TP-8	PP072012.D	13 May 2025 13:51		YP\AJ	Ok,M
12	Q1982-08	TP-9	PP072013.D	13 May 2025 14:07		YP\AJ	Ok,M
13	Q1984-15	OU4-TS-28-050725	PP072014.D	13 May 2025 14:23	DCB Low in both column	YP\AJ	ReRun
14	Q2001-02	WC-A4-03-C	PP072015.D	13 May 2025 14:40		YP\AJ	Ok,M
15	Q2001-06	WC-A1-05-C	PP072016.D	13 May 2025 14:56		YP\AJ	Ok,M
16	Q2001-10	WC-A1-06-C	PP072017.D	13 May 2025 15:13		YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP072018.D	13 May 2025 16:35		YP\AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PP072019.D	13 May 2025 17:24		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051325

Review By	yogesh	Review On	5/13/2025 10:45:34 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:54:35 AM
SubDirectory	PP051325	HP Acquire Method	HP Processing Method PP042225
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			

19	AR1248CCC500	AR1248CCC500	PP072020.D	13 May 2025 17:40		YPIAJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP072021.D	13 May 2025 17:56		YPIAJ	Ok,M
21	I.BLK	I.BLK	PP072022.D	13 May 2025 18:13		YPIAJ	Ok,M
22	Q2001-14	WC-A1-07-C	PP072023.D	13 May 2025 18:29		YPIAJ	Ok,M
23	Q2014-01	MOO-25-0134	PP072024.D	13 May 2025 18:45	DCB high in 1st column	YPIAJ	Ok,M
24	Q2014-03	MOO-25-0145	PP072025.D	13 May 2025 19:01		YPIAJ	Ok,M
25	Q2014-05	MOO-25-0148	PP072026.D	13 May 2025 19:18	F Flag in TCMX in 2nd column	YPIAJ	Not Ok
26	AR1660CCC500	AR1660CCC500	PP072027.D	13 May 2025 20:39	DCB high in 2nd column	YPIAJ	Ok,M
27	AR1242CCC500	AR1242CCC500	PP072028.D	13 May 2025 21:28	DCB high in 2nd column	YPIAJ	Ok,M
28	AR1248CCC500	AR1248CCC500	PP072029.D	13 May 2025 21:45	DCB high in 2nd column	YPIAJ	Ok,M
29	AR1254CCC500	AR1254CCC500	PP072030.D	13 May 2025 22:01		YPIAJ	Ok,M
30	I.BLK	I.BLK	PP072031.D	13 May 2025 22:17		YPIAJ	Ok,M

M : Manual Integration



SOP ID:M3541-ASE Extraction-14

Clean Up SOP #:Acid Cleanup

Extraction Start Date :05/13/2025

Matrix :Solid

Extraction Start Time :08:30

Weigh By:EH

Extraction By:RJ

Extraction End Date :05/13/2025

Balance check:RJ

Filter By:RJ

Extraction End Time :11:40

Balance ID:EX-SC-2

pH Meter ID:N/A

Concentration By:EH

pH Strlp Lot#:N/A

Hood ID:3,7

Supervisor By :RUPESH

Extraction Method:

☐ Seperatory Funnel

☐ Continious Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standardized 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	EP2611
Hexane	N/A	E3933
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
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
5/13/25	RS (Ext Lab)	✓ R. Yes / PCB Lab
11:45	Preparation Group	Analysis Group



Analytical Method: M3541-ASE Extraction-14

Concentration Date: 05/13/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/ Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167972BL	ABLK972	PCB	30.02	N/A	ritesh	Evelyn	10			U1-1
PB167972BS	ALCS972	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q1982-01	TP-1	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q1982-02	TP-2B	PCB	30.06	N/A	ritesh	Evelyn	10	E		4
Q1982-03	TP-3	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q1982-04	TP-4	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q1982-05	TP-5	PCB	30.01	N/A	ritesh	Evelyn	10	E		U2-1
Q1982-06	TP-6	PCB	30.05	N/A	ritesh	Evelyn	10	E		2
Q1982-07	TP-8	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q1982-08	TP-7	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
Q1984-15	OU4-TS-28-050725	PCB	30.04	N/A	ritesh	Evelyn	10	E		5
Q2001-02	WC-A4-03-C	PCB	30.06	N/A	ritesh	Evelyn	10	E		6
Q2001-06	WC-A1-05-C	PCB	30.02	N/A	ritesh	Evelyn	10	E		U3-1
Q2001-10	WC-A1-06-C	PCB	30.01	N/A	ritesh	Evelyn	10	E		2
Q2001-14	WC-A1-07-C	PCB	30.05	N/A	ritesh	Evelyn	10	E		3
Q2014-01	MOO-25-0134	PCB	30.01	N/A	ritesh	Evelyn	10	E	Small Particles	4
Q2014-03	MOO-25-0145	PCB	30.02	N/A	ritesh	Evelyn	10	E	Small Particles	5
Q2014-05	MOO-25-0148	PCB	30.04	N/A	ritesh	Evelyn	10	E	Small Particles	6
Q2017-01	MH-I	PCB	30.08	N/A	ritesh	Evelyn	10	E		U7-1
Q2017-01MS	MH-IMS	PCB	30.03	N/A	ritesh	Evelyn	10	E		2
Q2017-01MS D	MH-IMSD	PCB	30.07	N/A	ritesh	Evelyn	10	E		3
Q2017-05	MH-J	PCB	30.06	N/A	ritesh	Evelyn	10	A		4


RS
STB

* Extracts relinquished on the same date as received.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1982P WorkList ID : 189473 Department : Extraction Date : 05-13-2025 08:25:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1982-01	TP-1	Solid	PCB	Cool 4 deg C	CAMP02	L41	05/07/2025	8082A
Q1982-02	TP-2B	Solid	PCB	Cool 4 deg C	CAMP02	L41	05/07/2025	8082A
Q1982-03	TP-3	Solid	PCB	Cool 4 deg C	CAMP02	L41	05/07/2025	8082A
Q1982-04	TP-4	Solid	PCB	Cool 4 deg C	CAMP02	L41	05/07/2025	8082A
Q1982-05	TP-5	Solid	PCB	Cool 4 deg C	CAMP02	L41	05/07/2025	8082A
Q1982-06	TP-6	Solid	PCB	Cool 4 deg C	CAMP02	L41	05/07/2025	8082A
Q1982-07	TP-7	Solid	PCB	Cool 4 deg C	CAMP02	L41	05/07/2025	8082A
Q1982-08	TP-8	Solid	PCB	Cool 4 deg C	CAMP02	L41	05/07/2025	8082A
Q1984-15	OU4-TS-28-050725	Solid	PCB	Cool 4 deg C	NOB103	L41	05/07/2025	8082A
Q2001-02	WC-A4-03-C	Solid	PCB	Cool 4 deg C	ENTA05	L61	05/06/2025	8082A
Q2001-06	WC-A1-05-C	Solid	PCB	Cool 4 deg C	ENTA05	L61	05/07/2025	8082A
Q2001-10	WC-A1-06-C	Solid	PCB	Cool 4 deg C	ENTA05	L61	05/07/2025	8082A
Q2001-14	WC-A1-07-C	Solid	PCB	Cool 4 deg C	ENTA05	L61	05/08/2025	8082A
Q2014-01	MOO-25-0134	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/12/2025	8082A
Q2014-03	MOO-25-0145	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/12/2025	8082A
Q2014-05	MOO-25-0148	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/12/2025	8082A
Q2017-01	MH-I	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/12/2025	8082A
Q2017-05	MH-J	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/12/2025	8082A

Date/Time 05/13/25 8:25
 Raw Sample Received by: RJ (ETA-104b)
 Raw Sample Relinquished by: AP Sm

Date/Time 05/13/25 9:05
 Raw Sample Received by: AP Sm
 Raw Sample Relinquished by: RJ (ETA-104b)

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1982-01	TP-1	SOIL	Diesel Range Organics	8015D	05/06/25	05/13/25	05/13/25	05/07/25
			PCB	8082A		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/12/25	
Q1982-02	TP-2B	SOIL	Diesel Range Organics	8015D	05/06/25	05/13/25	05/13/25	05/07/25
			PCB	8082A		05/13/25	05/13/25	
Q1982-03	TP-3	SOIL	Diesel Range Organics	8015D	05/06/25	05/13/25	05/13/25	05/07/25
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-04	TP-4	SOIL	Diesel Range Organics	8015D	05/07/25	05/13/25	05/13/25	05/07/25
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-05	TP-5	SOIL	Diesel Range Organics	8015D	05/07/25	05/13/25	05/13/25	05/07/25
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-06	TP-6	SOIL	Diesel Range Organics	8015D	05/07/25	05/13/25	05/13/25	05/07/25
			Gasoline Range Organics	8015D			05/13/25	
			PCB	8082A		05/13/25	05/13/25	
Q1982-07	TP-8	SOIL	Diesel Range Organics	8015D	05/07/25	05/13/25	05/13/25	05/07/25
			PCB	8082A		05/13/25	05/13/25	

LAB CHRONICLE

Q1982-08	TP-9	SOIL		05/07/25		05/07/25
		Diesel Range Organics	8015D		05/13/25	05/13/25
		Gasoline Range Organics	8015D			05/13/25
		PCB	8082A		05/13/25	05/13/25

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