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Hit Summary Sheet
SW-846

SDG No.: Q2594

Order ID: Q2594

Client: Environmental Restoration, LLC

Project ID: Cooper Chemical - Long Valley NJ 2-C

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/14/25
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	07/14/25
Client Sample ID:	CC-071325-RW	SDG No.:	Q2594
Lab Sample ID:	Q2594-01	Matrix:	WATER
Analytical Method:	608.3	% 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
PP073911.D	1	07/17/25 09:20	07/17/25 18:14	PB168905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.0097	U	0.0097	0.050	ug/L
11104-28-2	Aroclor-1221	0.013	U	0.013	0.050	ug/L
11141-16-5	Aroclor-1232	0.0096	U	0.0096	0.050	ug/L
53469-21-9	Aroclor-1242	0.012	U	0.012	0.050	ug/L
12672-29-6	Aroclor-1248	0.0071	U	0.0071	0.050	ug/L
11097-69-1	Aroclor-1254	0.0094	U	0.0094	0.050	ug/L
11096-82-5	Aroclor-1260	0.0081	U	0.0081	0.050	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		70 (60) - 130 (140)	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		70 (60) - 130 (140)	71%	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



QC SUMMARY

Surrogate Summary

SDG No.: Q2594

Client: Environmental Restoration, LLC

Analytical Method: 608.3 PCB

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP073553.D	PIBLK-PP073553.D	Tetrachloro-m-xyl	1	20	16.2	81		70 (60)	130 (140)
		Decachlorobiphen	1	20	17.3	87		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	16.2	81		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.1	85		70 (60)	130 (140)
I.BLK-PP073904.D	PIBLK-PP073904.D	Tetrachloro-m-xyl	1	20	18.6	93		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.1	91		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.5	98		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.9	104		70 (60)	130 (140)
PB168905BL	PB168905BL	Tetrachloro-m-xyl	1	20	21.4	107		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.8	104		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	23.1	115		70 (60)	130 (140)
		Decachlorobiphen	2	20	24.1	121		70 (60)	130 (140)
PB168905BS	PB168905BS	Tetrachloro-m-xyl	1	20	21.4	107		70 (60)	130 (140)
		Decachlorobiphen	1	20	21.1	105		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	23.2	116		70 (60)	130 (140)
		Decachlorobiphen	2	20	24.0	120		70 (60)	130 (140)
PB168905BSD	PB168905BSD	Tetrachloro-m-xyl	1	20	21.2	106		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.5	102		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	22.3	111		70 (60)	130 (140)
		Decachlorobiphen	2	20	24.1	121		70 (60)	130 (140)
Q2594-01	CC-071325-RW	Tetrachloro-m-xyl	1	20	19.8	99		70 (60)	130 (140)
		Decachlorobiphen	1	20	14.2	71		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	39.3	196	*	70 (60)	130 (140)
		Decachlorobiphen	2	20	15.2	76		70 (60)	130 (140)
I.BLK-PP073919.D	PIBLK-PP073919.D	Tetrachloro-m-xyl	1	20	18.1	91		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.2	91		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.8	94		70 (60)	130 (140)
		Decachlorobiphen	2	20	21.2	106		70 (60)	130 (140)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2594</u>	Analytical Method:	<u>608.3 PCB</u>
Client:	<u>Environmental Restoration, LLC</u>	Datafile :	<u>PP073906.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168905BS (Column 1)	AROCLOR 1016	0.05	0.050	ug/L	99				70 (50)	130 (140)	
	AROCLOR 1260	0.05	0.045	ug/L	89				70 (8)	130 (140)	
PB168905BS (Column 2)	AROCLOR 1016	0.05	0.056	ug/L	112				70 (50)	130 (140)	
	AROCLOR 1260	0.05	0.059	ug/L	118				70 (8)	130 (140)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2594</u>	Analytical Method:	<u>608.3 PCB</u>
Client:	<u>Environmental Restoration, LLC</u>	Datafile :	<u>PP073907.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168905BSD (Column 1)	AROCLOR 1016	0.05	0.049	ug/L	98	1			70 (50)	130 (140)	20 (20)
	AROCLOR 1260	0.05	0.044	ug/L	88	1			70 (8)	130 (140)	20 (20)
PB168905BSD (Column 2)	AROCLOR 1016	0.05	0.057	ug/L	114	2			70 (50)	130 (140)	20 (20)
	AROCLOR 1260	0.05	0.057	ug/L	113	4			70 (8)	130 (140)	20 (20)

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PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168905BL

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2594

Lab Sample ID: PB168905BL

Lab File ID: PP073905.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/17/2025

Date Analyzed (1): 07/17/2025

Date Analyzed (2): 07/17/2025

Time Analyzed (1): 16:35

Time Analyzed (2): 16:35

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168905BS	PB168905BS	PP073906.D	07/17/2025	07/17/2025
PB168905BSD	PB168905BSD	PP073907.D	07/17/2025	07/17/2025
CC-071325-RW	Q2594-01	PP073911.D	07/17/2025	07/17/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168905BL	SDG No.:	Q2594
Lab Sample ID:	PB168905BL	Matrix:	WATER
Analytical Method:	608.3	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073905.D	1	07/17/25 09:20	07/17/25 16:35	PB168905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.0097	U	0.0097	0.050	ug/L
11104-28-2	Aroclor-1221	0.013	U	0.013	0.050	ug/L
11141-16-5	Aroclor-1232	0.0096	U	0.0096	0.050	ug/L
53469-21-9	Aroclor-1242	0.012	U	0.012	0.050	ug/L
12672-29-6	Aroclor-1248	0.0071	U	0.0071	0.050	ug/L
11097-69-1	Aroclor-1254	0.0094	U	0.0094	0.050	ug/L
11096-82-5	Aroclor-1260	0.0081	U	0.0081	0.050	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		70 (60) - 130 (140)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		70 (60) - 130 (140)	104%	SPK: 20

Comments:

U = Not Detected

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E = Value Exceeds Calibration Range

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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:	Environmental Restoration, LLC		Date Collected:	07/07/25	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS		Date Received:	07/07/25	
Client Sample ID:	PIBLK-PP073553.D		SDG No.:	Q2594	
Lab Sample ID:	I.BLK-PP073553.D		Matrix:	WATER	
Analytical Method:	608.3		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073553.D	1		07/07/25	pp070825

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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.2		70 (60) - 130 (140)	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		70 (60) - 130 (140)	85%	SPK: 20

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Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/17/25	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS		Date Received:	07/17/25	
Client Sample ID:	PIBLK-PP073904.D		SDG No.:	Q2594	
Lab Sample ID:	I.BLK-PP073904.D		Matrix:	WATER	
Analytical Method:	608.3		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073904.D	1		07/17/25	pp071725

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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		70 (60) - 130 (140)	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		70 (60) - 130 (140)	91%	SPK: 20

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Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/17/25	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS		Date Received:	07/17/25	
Client Sample ID:	PIBLK-PP073919.D		SDG No.:	Q2594	
Lab Sample ID:	I.BLK-PP073919.D		Matrix:	WATER	
Analytical Method:	608.3		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073919.D	1		07/17/25	pp071725

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
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		70 (60) - 130 (140)	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.2		70 (60) - 130 (140)	91%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168905BS	SDG No.:	Q2594
Lab Sample ID:	PB168905BS	Matrix:	WATER
Analytical Method:	608.3	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073906.D	1	07/17/25 09:20	07/17/25 16:52	PB168905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.050	J	0.0097	0.050	ug/L
11104-28-2	Aroclor-1221	0.013	U	0.013	0.050	ug/L
11141-16-5	Aroclor-1232	0.0096	U	0.0096	0.050	ug/L
53469-21-9	Aroclor-1242	0.012	U	0.012	0.050	ug/L
12672-29-6	Aroclor-1248	0.0071	U	0.0071	0.050	ug/L
11097-69-1	Aroclor-1254	0.0094	U	0.0094	0.050	ug/L
11096-82-5	Aroclor-1260	0.045	JP	0.0081	0.050	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		70 (60) - 130 (140)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		70 (60) - 130 (140)	105%	SPK: 20

Comments:

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168905BSD	SDG No.:	Q2594
Lab Sample ID:	PB168905BSD	Matrix:	WATER
Analytical Method:	608.3	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073907.D	1	07/17/25 09:20	07/17/25 17:08	PB168905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.049	J	0.0097	0.050	ug/L
11104-28-2	Aroclor-1221	0.013	U	0.013	0.050	ug/L
11141-16-5	Aroclor-1232	0.0096	U	0.0096	0.050	ug/L
53469-21-9	Aroclor-1242	0.012	U	0.012	0.050	ug/L
12672-29-6	Aroclor-1248	0.0071	U	0.0071	0.050	ug/L
11097-69-1	Aroclor-1254	0.0094	U	0.0094	0.050	ug/L
11096-82-5	Aroclor-1260	0.044	JP	0.0081	0.050	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.2		70 (60) - 130 (140)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		70 (60) - 130 (140)	102%	SPK: 20

Comments:

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CALIBRATION SUMMARY

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

Contract: ENVI60

SDG NO.: Q2594

Calibration Date(s): **07/07/2025** **07/08/2025**

Calibration Times: 21:03 04:24

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

LAB FILE ID:		RT 1000 =	<u>PP073554.D</u>	RT 750 =	<u>PP073555.D</u>
RT 500 =	PP073556.D	RT 250 =	PP073557.D	RT 050 =	PP073558.D

[illegible]

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

Calibration Times: 21:03 04:24

LAB FILE ID: RT 1000 = PP073554.D RT 750 = PP073555.D
RT 500 = PP073556.D RT 250 = PP073557.D RT 050 = PP073558.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: ENVI60
SDG NO.: Q2594

Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID: CF 1000 = PP073554.D CF 750 = PP073555.D CF 500 = PP073556.D CF 250 = PP073557.D CF 050 = PP073558.D								
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	42452248	45617859	47138872	50511676	51847220	47513575	8
Aroclor-1016-2	(2)	66518124	70141979	72048808	76716636	70648900	71214889	5
Aroclor-1016-3	(3)	39961628	42046196	44162638	46389840	45755080	43663076	6
Aroclor-1016-4	(4)	33606097	35475740	36592056	38460728	35593260	35945576	5
Aroclor-1016-5	(5)	30910810	31971305	32786356	34274032	26709560	31330413	9
Aroclor-1260-1	(1)	55735594	57789364	59663732	63324028	58293500	58961244	5
Aroclor-1260-2	(2)	82256765	86873544	90393892	97973444	121701660	95839861	16
Aroclor-1260-3	(3)	71122512	73727981	74691298	76804056	69007300	73070629	4
Aroclor-1260-4	(4)	63951646	66011447	66730410	69035472	60770420	65299879	5
Aroclor-1260-5	(5)	147606205	151816095	154896322	160840336	139104740	150852740	5
Decachlorobiphenyl		1075002490	1114272707	1146110620	1163852360	956024000	1091052435	8
Tetrachloro-m-xylene		1314627420	1370591720	1413189460	1469047800	1280173600	1369526000	6
Aroclor-1242-1	(1)	37824570	38531545	40764028	42347748	31473220	38188222	11
Aroclor-1242-2	(2)	59433539	58987884	63134254	65007836	52846680	59882039	8
Aroclor-1242-3	(3)	35307728	35832168	38067086	39311740	34585840	36620912	5
Aroclor-1242-4	(4)	29431539	30211543	31738592	32275500	37022940	32136023	9
Aroclor-1242-5	(5)	31742412	31628361	33353228	35089048	31871320	32736874	5
Decachlorobiphenyl		1095703140	1117596867	1144519060	1154694600	992628000	1101028333	6
Tetrachloro-m-xylene		1336424670	1349665200	1427212360	1438929280	1262569400	1362960182	5
Aroclor-1248-1	(1)	29290065	30340729	31459936	34321104	28940820	30870531	7
Aroclor-1248-2	(2)	37625323	39736876	40535254	44074952	37644360	39923353	7
Aroclor-1248-3	(3)	43927993	45846956	46075290	48569104	37628800	44409629	9
Aroclor-1248-4	(4)	53376796	55925132	57147446	59774616	49178580	55080514	7
Aroclor-1248-5	(5)	51803368	53704276	55758942	57942584	49744040	53790642	6
Decachlorobiphenyl		1098016930	1133084880	1145143920	1172914800	889666400	1087765386	10
Tetrachloro-m-xylene		1321954420	1371326347	1415433040	1456874560	1240770200	1361271713	6
Aroclor-1254-1	(1)	50900598	53159759	55209204	57116384	51561700	53589529	5
Aroclor-1254-2	(2)	77237012	80519573	82538946	86348708	89800160	83288880	6
Aroclor-1254-3	(3)	83677544	86010903	88492372	92072040	91405580	88331688	4
Aroclor-1254-4	(4)	74438148	76222969	79592040	81854844	81227180	78667036	4
Aroclor-1254-5	(5)	71888659	74572743	74620102	76347748	70969780	73679806	3
Decachlorobiphenyl		1107439250	1132832533	1145288580	1145076280	1133429800	1132813289	1
Tetrachloro-m-xylene		1351624000	1395660893	1401155480	1465561640	1387618000	1400324003	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: ENVI60
SDG NO.: Q2594

Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID:								
CF 1000 = PP073554.D		CF 750 = PP073555.D		CF 500 = PP073556.D		CF 250 = PP073557.D		
CF 750 = PP073555.D		CF 500 = PP073556.D		CF 250 = PP073557.D		CF 050 = PP073558.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	63548895	66956692	68520980	73175628	68671440	68174727	5
Aroclor-1016-2	(2)	95987811	99810097	102589296	109872788	101161940	101884386	5
Aroclor-1016-3	(3)	50406684	53112144	54849034	57930668	54233060	54106318	5
Aroclor-1016-4	(4)	39688708	42104989	43896956	47040184	46673360	43880839	7
Aroclor-1016-5	(5)	50298801	53487816	55660288	59272232	54193420	54582511	6
Aroclor-1260-1	(1)	89335231	94510516	99471332	104207304	100277120	97560301	6
Aroclor-1260-2	(2)	113000947	118559808	124003550	129850992	128772620	122837583	6
Aroclor-1260-3	(3)	102918015	108414332	112293296	117668340	106025080	109463813	5
Aroclor-1260-4	(4)	82942909	90440599	92349274	96325208	84984160	89408430	6
Aroclor-1260-5	(5)	218347404	234684793	232225124	233707816	204717920	224736611	6
Decachlorobiphenyl		1288482360	1338938240	1324505420	1466524480	1197294400	1323148980	7
Tetrachloro-m-xylene		1774031450	1893159427	1873404460	1944042160	1726825000	1842292499	5
Aroclor-1242-1	(1)	53636877	56644489	60339480	62120840	56082120	57764761	6
Aroclor-1242-2	(2)	81745742	82323689	88927402	91756504	87517600	86454187	5
Aroclor-1242-3	(3)	43191003	44194741	47579930	48843488	45924140	45946660	5
Aroclor-1242-4	(4)	40719317	41867060	45117014	46860680	46752460	44263306	6
Aroclor-1242-5	(5)	53173633	53609452	57067394	58584716	53777140	55242467	4
Decachlorobiphenyl		1306642480	1369985587	1353011840	1407476720	1194819200	1326387165	6
Tetrachloro-m-xylene		1787240920	1786937067	1893455580	1997751320	1666197200	1826316417	7
Aroclor-1248-1	(1)	41993150	43590469	45185544	49843992	43861300	44894891	7
Aroclor-1248-2	(2)	55737799	58586344	61889020	66706936	64762540	61536528	7
Aroclor-1248-3	(3)	58429721	61323012	64407590	69469512	66692820	64064531	7
Aroclor-1248-4	(4)	68661033	72026459	75308372	81734520	79156680	75377413	7
Aroclor-1248-5	(5)	69725277	73210425	76423314	81696724	71898780	74590904	6
Decachlorobiphenyl		1298382400	1392805453	1360355620	1440840840	1158845800	1330246023	8
Tetrachloro-m-xylene		1855486030	1865559853	1910416600	1967065360	1674658000	1854637169	6
Aroclor-1254-1	(1)	105364555	111697468	112323806	121711620	129052960	116030082	8
Aroclor-1254-2	(2)	90612135	96205700	96079760	105129084	115091100	100623556	10
Aroclor-1254-3	(3)	142515413	152219476	152099148	162118636	163279600	154446455	6
Aroclor-1254-4	(4)	86996505	93901768	94351020	100389560	97157080	94559187	5
Aroclor-1254-5	(5)	123596587	131044949	130737444	141046724	140798600	133444861	6
Decachlorobiphenyl		1348192280	1398430560	1372338640	1507697520	1377457800	1400823360	4
Tetrachloro-m-xylene		1809940380	1949806187	1892015400	1932532480	1944382600	1905735409	3

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2594

Instrument ID: ECD_P Date(s) Analyzed: 07/07/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.69	4.59	4.79	17866400
		2	4.78	4.68	4.88	13504500
		3	4.85	4.75	4.95	41604800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.85	4.75	4.95	32650800
		2	5.37	5.27	5.47	16254700
		3	5.66	5.56	5.76	32993400
		4	5.82	5.72	5.92	16445200
		5	5.91	5.81	6.01	10570400

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2594

Instrument ID: ECD_P Date(s) Analyzed: 07/07/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.99	3.89	4.09	27045000
		2	4.08	3.98	4.18	20360400
		3	4.15	4.05	4.25	61448600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	46614400
		2	4.88	4.78	4.98	47659800
		3	5.05	4.95	5.15	25029000
		4	5.14	5.04	5.24	21656200
		5	5.31	5.21	5.41	22563400

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2594

Continuing Calib Date: 07/17/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 15:14

Initial Calibration Time(s): 21:03

04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2594

Continuing Calib Date: 07/17/2025

Initial Calibration Date(s): 07/07/2025 07/08/2025

Continuing Calib Time: 15:14

Initial Calibration Time(s): 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2594
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/17/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073900.D **Time Analyzed:** 15:14

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.638	5.539	5.739	435.120	500.000	-13.0
Aroclor-1016-2	5.659	5.560	5.760	470.800	500.000	-5.8
Aroclor-1016-3	5.721	5.622	5.822	462.990	500.000	-7.4
Aroclor-1016-4	5.819	5.720	5.920	472.210	500.000	-5.6
Aroclor-1016-5	6.110	6.012	6.212	486.830	500.000	-2.6
Aroclor-1260-1	7.227	7.129	7.329	455.220	500.000	-9.0
Aroclor-1260-2	7.480	7.383	7.583	394.090	500.000	-21.2
Aroclor-1260-3	7.838	7.740	7.940	445.660	500.000	-10.9
Aroclor-1260-4	8.062	7.964	8.164	460.080	500.000	-8.0
Aroclor-1260-5	8.379	8.283	8.483	463.780	500.000	-7.2
Decachlorobiphenyl	10.172	10.076	10.276	48.620	50.000	-2.8
Tetrachloro-m-xylene	4.487	4.388	4.588	49.820	50.000	-0.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2594
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/17/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073900.D **Time Analyzed:** 15:14

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.854	4.758	4.958	510.520	500.000	2.1
Aroclor-1016-2	4.872	4.775	4.975	518.050	500.000	3.6
Aroclor-1016-3	5.048	4.951	5.151	527.740	500.000	5.5
Aroclor-1016-4	5.090	4.993	5.193	522.440	500.000	4.5
Aroclor-1016-5	5.303	5.207	5.407	560.430	500.000	12.1
Aroclor-1260-1	6.333	6.237	6.437	495.700	500.000	-0.9
Aroclor-1260-2	6.521	6.425	6.625	504.980	500.000	1.0
Aroclor-1260-3	6.673	6.577	6.777	488.090	500.000	-2.4
Aroclor-1260-4	7.142	7.046	7.246	509.160	500.000	1.8
Aroclor-1260-5	7.385	7.289	7.489	510.270	500.000	2.1
Decachlorobiphenyl	8.774	8.680	8.880	55.180	50.000	10.4
Tetrachloro-m-xylene	3.777	3.678	3.878	51.470	50.000	2.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2594

Continuing Calib Date: 07/17/2025

Initial Calibration Date(s): 07/07/2025 07/08/2025

Continuing Calib Time: 20:08

Initial Calibration Time(s): 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.01
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.48	4.49	4.39	4.59	0.01
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2594

Continuing Calib Date: 07/17/2025

Initial Calibration Date(s): 07/07/2025 07/08/2025

Continuing Calib Time: 20:08

Initial Calibration Time(s): 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2594
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/17/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073915.D **Time Analyzed:** 20:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.635	5.539	5.739	437.240	500.000	-12.6
Aroclor-1016-2	5.656	5.560	5.760	466.120	500.000	-6.8
Aroclor-1016-3	5.719	5.622	5.822	461.790	500.000	-7.6
Aroclor-1016-4	5.816	5.720	5.920	470.970	500.000	-5.8
Aroclor-1016-5	6.108	6.012	6.212	489.050	500.000	-2.2
Aroclor-1260-1	7.225	7.129	7.329	468.890	500.000	-6.2
Aroclor-1260-2	7.478	7.383	7.583	403.420	500.000	-19.3
Aroclor-1260-3	7.836	7.740	7.940	450.340	500.000	-9.9
Aroclor-1260-4	8.060	7.964	8.164	459.360	500.000	-8.1
Aroclor-1260-5	8.377	8.283	8.483	466.750	500.000	-6.7
Decachlorobiphenyl	10.171	10.076	10.276	49.470	50.000	-1.1
Tetrachloro-m-xylene	4.484	4.388	4.588	49.580	50.000	-0.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2594
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/17/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073915.D **Time Analyzed:** 20:08

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.854	4.758	4.958	505.390	500.000	1.1
Aroclor-1016-2	4.872	4.775	4.975	518.060	500.000	3.6
Aroclor-1016-3	5.048	4.951	5.151	518.280	500.000	3.7
Aroclor-1016-4	5.090	4.993	5.193	512.730	500.000	2.5
Aroclor-1016-5	5.303	5.207	5.407	567.650	500.000	13.5
Aroclor-1260-1	6.333	6.237	6.437	511.880	500.000	2.4
Aroclor-1260-2	6.521	6.425	6.625	526.500	500.000	5.3
Aroclor-1260-3	6.673	6.577	6.777	507.420	500.000	1.5
Aroclor-1260-4	7.142	7.046	7.246	520.360	500.000	4.1
Aroclor-1260-5	7.385	7.289	7.489	525.190	500.000	5.0
Decachlorobiphenyl	8.775	8.680	8.880	57.340	50.000	14.7
Tetrachloro-m-xylene	3.777	3.678	3.878	51.770	50.000	3.5

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2594
Project: Cooper Chemical - Long Valley NJ 2-COOP-	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/07/2025 07/07/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/07/2025	20:30	PP073553.D	10.18	4.49
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	10.18	4.49
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	10.18	4.49
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	10.18	4.49
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	10.18	4.49
AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	10.17	4.49
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	10.18	4.49
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	10.18	4.49
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	10.18	4.49
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	10.18	4.49
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	10.17	4.49
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	10.18	4.49
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	10.17	4.49
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	10.18	4.49
AR1248ICC750	AR1248ICC750	07/08/2025	00:35	PP073567.D	10.18	4.49
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	10.17	4.49
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	10.18	4.49
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	10.17	4.49
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	10.18	4.49
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	10.18	4.49
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	10.17	4.49
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	10.18	4.49
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	10.18	4.49
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	10.18	4.49
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	10.18	4.49
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	10.18	4.49
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	10.18	4.49
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	10.17	4.49
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/17/2025	15:14	PP073900.D	10.17	4.49
IBLK	IBLK	07/17/2025	16:19	PP073904.D	10.17	4.49
PB168905BL	PB168905BL	07/17/2025	16:35	PP073905.D	10.17	4.49
PB168905BS	PB168905BS	07/17/2025	16:52	PP073906.D	10.17	4.49
PB168905BSD	PB168905BSD	07/17/2025	17:08	PP073907.D	10.17	4.49
CC-071325-RW	Q2594-01	07/17/2025	18:14	PP073911.D	10.17	4.49
AR1660CCC500	AR1660CCC500	07/17/2025	20:08	PP073915.D	10.17	4.48
IBLK	IBLK	07/17/2025	21:46	PP073919.D	10.17	4.49

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2594
Project: Cooper Chemical - Long Valley NJ 2-COOP-	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/07/2025 07/07/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/07/2025	20:30	PP073553.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	8.78	3.78
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	8.78	3.78
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	8.78	3.78
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	8.78	3.78
AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	8.78	3.78
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	8.78	3.78
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	8.78	3.78
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	8.78	3.78
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	8.78	3.78
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	8.78	3.78
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	8.78	3.78
AR1248ICC750	AR1248ICC750	07/08/2025	00:35	PP073567.D	8.78	3.78
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	8.78	3.78
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	8.78	3.78
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	8.78	3.78
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	8.78	3.78
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	8.78	3.78
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	8.78	3.78
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	8.78	3.78
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	8.78	3.78
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	8.78	3.78
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	8.78	3.78
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	8.78	3.78
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	8.78	3.78
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/17/2025	15:14	PP073900.D	8.77	3.78
IBLK	IBLK	07/17/2025	16:19	PP073904.D	8.78	3.78
PB168905BL	PB168905BL	07/17/2025	16:35	PP073905.D	8.78	3.78
PB168905BS	PB168905BS	07/17/2025	16:52	PP073906.D	8.78	3.78
PB168905BSD	PB168905BSD	07/17/2025	17:08	PP073907.D	8.77	3.78
CC-071325-RW	Q2594-01	07/17/2025	18:14	PP073911.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/17/2025	20:08	PP073915.D	8.78	3.78
IBLK	IBLK	07/17/2025	21:46	PP073919.D	8.77	3.78

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168905BS

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2594

Lab Sample ID: PB168905BS

Date(s) Analyzed: 07/17/2025 07/17/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073906.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.636	5.586	5.686	0.050	0.050	12.68
COLUMN 1	2	5.657	5.607	5.707	0.051		
	3	5.719	5.669	5.769	0.053		
	4	5.817	5.767	5.867	0.050		
	5	6.109	6.059	6.159	0.044		
	1	4.856	4.806	4.906	0.058		
COLUMN 2	2	4.873	4.823	4.923	0.057	0.056	
	3	5.049	4.999	5.099	0.056		
	4	5.091	5.041	5.141	0.057		
	5	5.304	5.254	5.354	0.053		
Aroclor-1260	1	7.226	7.176	7.276	0.050	0.045	27.63
COLUMN 1	2	7.48	7.43	7.53	0.048		
	3	7.837	7.787	7.887	0.039		
	4	8.061	8.011	8.111	0.045		
	5	8.379	8.329	8.429	0.042		
	1	6.333	6.283	6.383	0.061		
COLUMN 2	2	6.522	6.472	6.572	0.067	0.059	
	3	6.674	6.624	6.724	0.058		
	4	7.143	7.093	7.193	0.056		
	5	7.385	7.335	7.435	0.052		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168905BSD

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2594

Lab Sample ID: PB168905BSD

Date(s) Analyzed: 07/17/2025 07/17/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073907.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.638	5.588	5.688	0.048	0.049	14.74
COLUMN 1	2	5.66	5.61	5.71	0.049		
	3	5.722	5.672	5.772	0.052		
	4	5.819	5.769	5.869	0.050		
	5	6.111	6.061	6.161	0.046		
	1	4.855	4.805	4.905	0.060		
COLUMN 2	2	4.872	4.822	4.922	0.057	0.057	
	3	5.048	4.998	5.098	0.056		
	4	5.09	5.04	5.14	0.057		
	5	5.303	5.253	5.353	0.054		
Aroclor-1260	1	7.228	7.178	7.278	0.050	0.044	25.05
COLUMN 1	2	7.482	7.432	7.532	0.047		
	3	7.84	7.79	7.89	0.039		
	4	8.064	8.014	8.114	0.043		
	5	8.381	8.331	8.431	0.041		
	1	6.333	6.283	6.383	0.060	0.057	
COLUMN 2	2	6.522	6.472	6.572	0.065		
	3	6.673	6.623	6.723	0.054		
	4	7.142	7.092	7.192	0.052		
	5	7.384	7.334	7.434	0.051		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071725\
 Data File : PP073911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 18:14
 Operator : YP\AJ
 Sample : Q2594-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 CC-071325-RW

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 01:24:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.485	3.780	27112758	72389663	19.797m	39.293m#
2) SA Decachlor...	10.171	8.775	15448391	20161325	14.159	15.237

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071725\
Data File : PP073911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 18:14
Operator : YP\AJ
Sample : Q2594-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

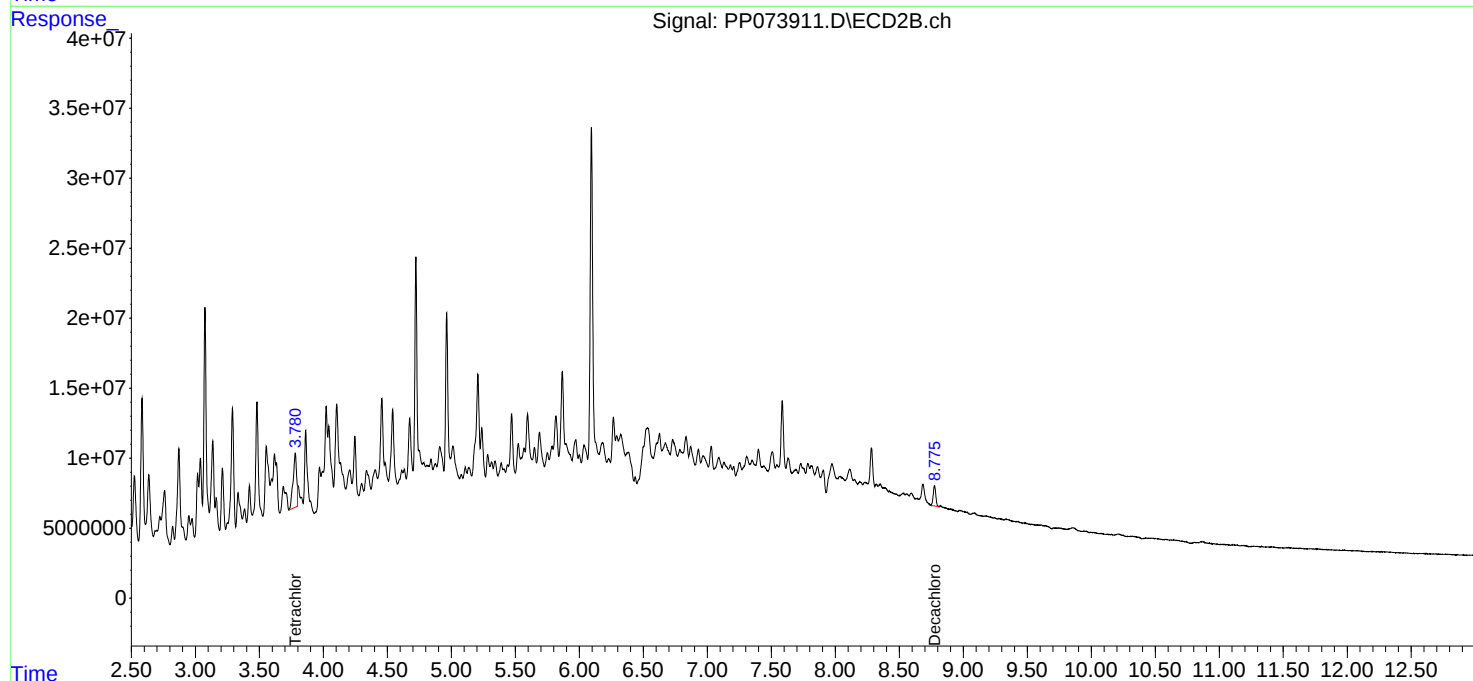
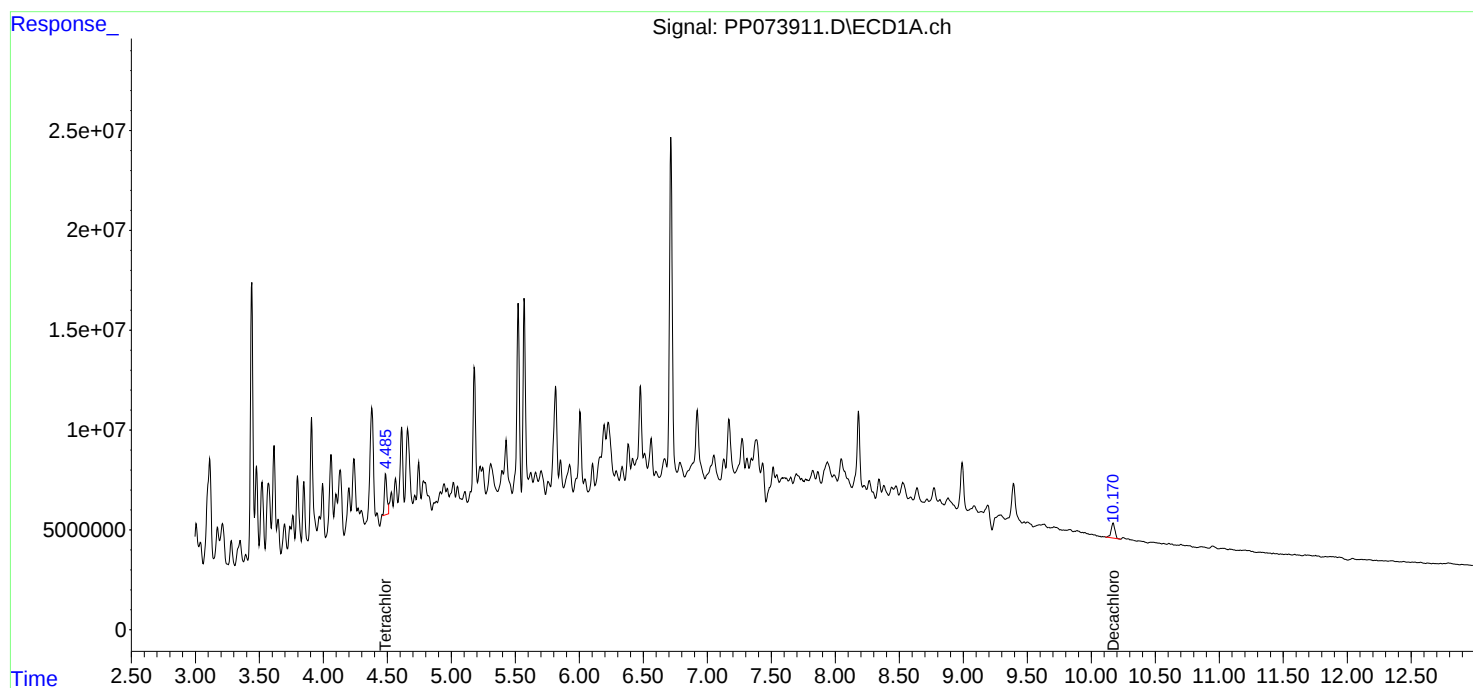
Instrument :
ECD_P
ClientSampleId :
CC-071325-RW

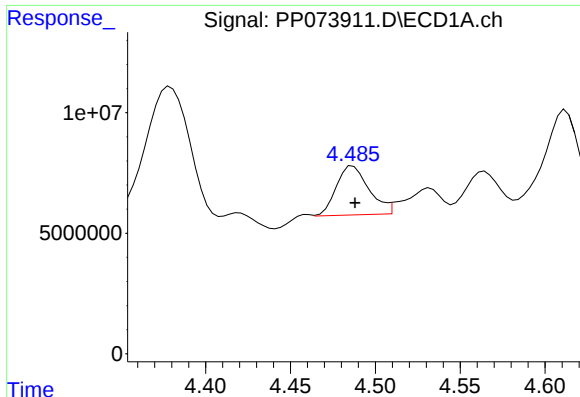
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 01:24:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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





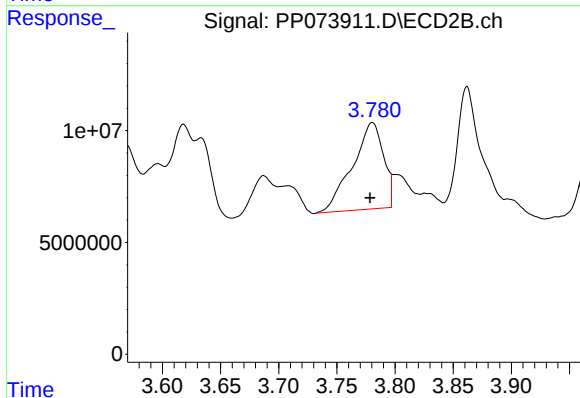
#1 Tetrachloro-m-xylene

R.T.: 4.485 min
Delta R.T.: -0.003 min
Response: 27112758
Conc: 19.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
CC-071325-RW

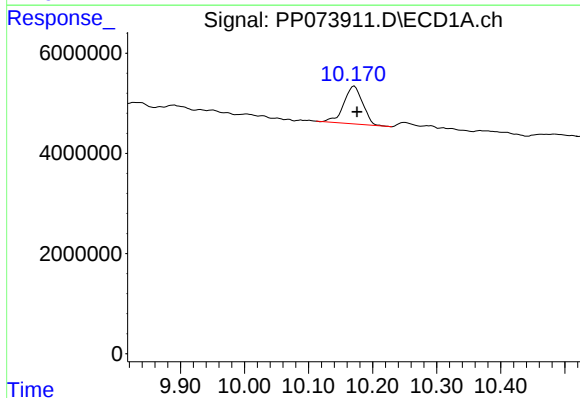
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/29/2025



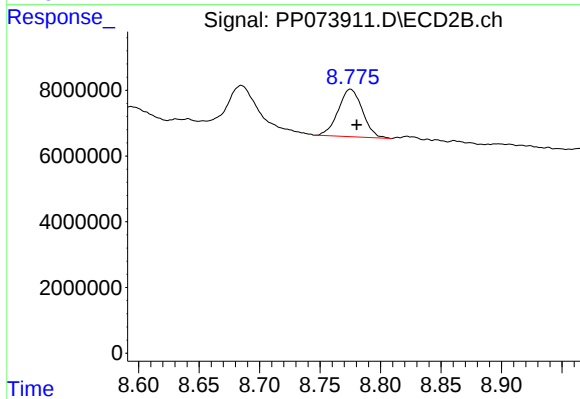
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.001 min
Response: 72389663
Conc: 39.29 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.171 min
Delta R.T.: -0.005 min
Response: 15448391
Conc: 14.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.005 min
Response: 20161325
Conc: 15.24 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071725\
 Data File : PP073905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 16:35
 Operator : YP\AJ
 Sample : PB168905BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168905BL

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: Jul 18 01:22:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.487	3.778	29331067	42487170	21.417	23.062
2) SA Decachlor...	10.173	8.775	22683843	31917305	20.791	24.122

Target Compounds

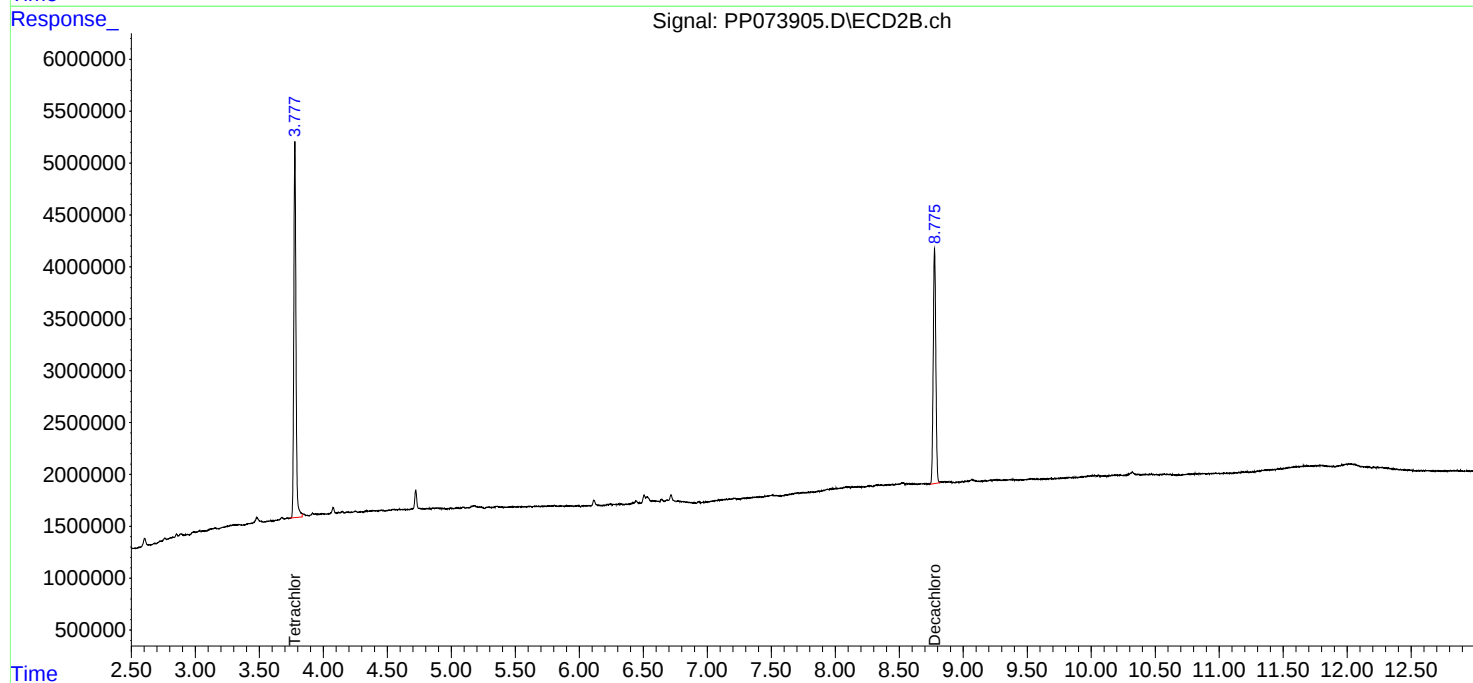
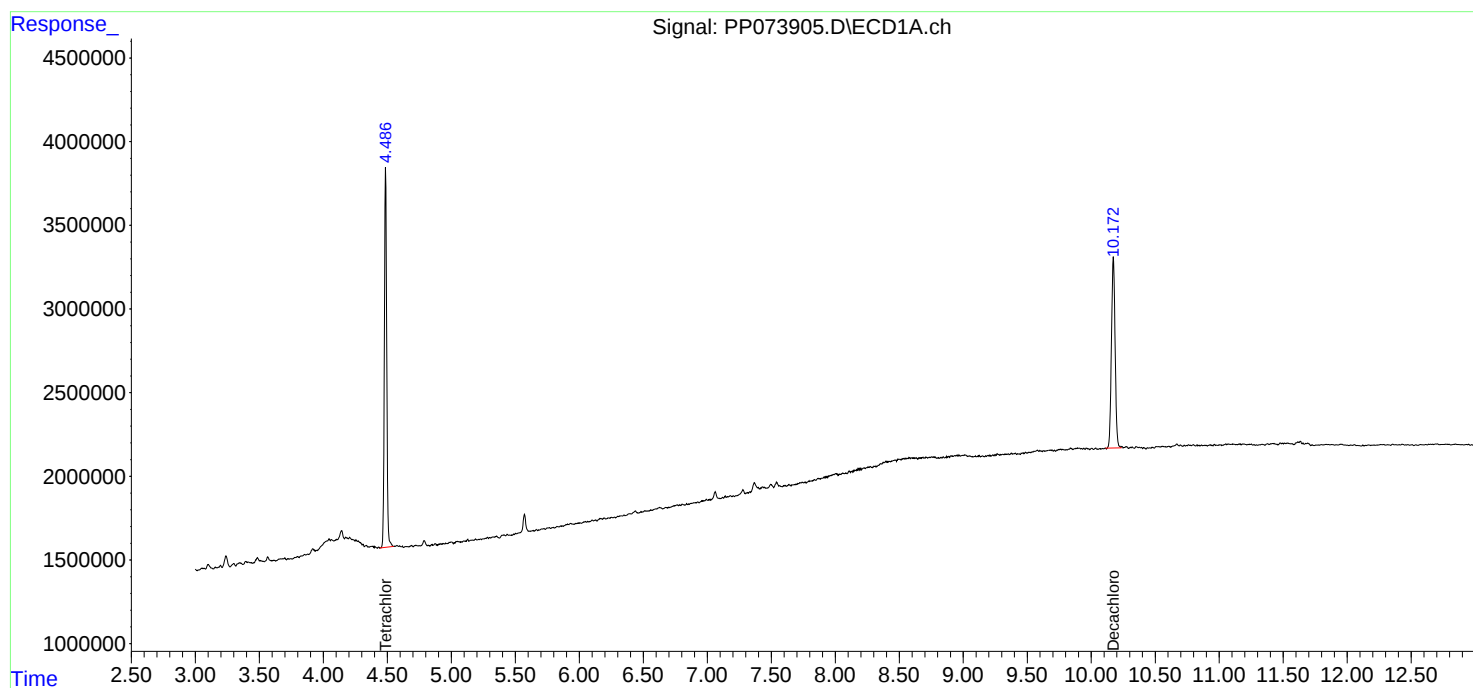
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071725\
Data File : PP073905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 16:35
Operator : YP\AJ
Sample : PB168905BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

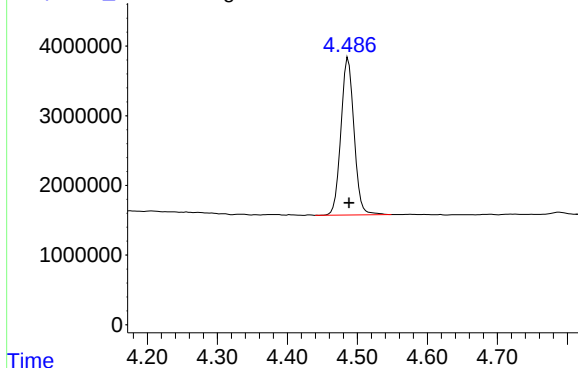
Instrument :
ECD_P
ClientSampleId :
PB168905BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 01:22:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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



Response_ Signal: PP073905.D\ECD1A.ch

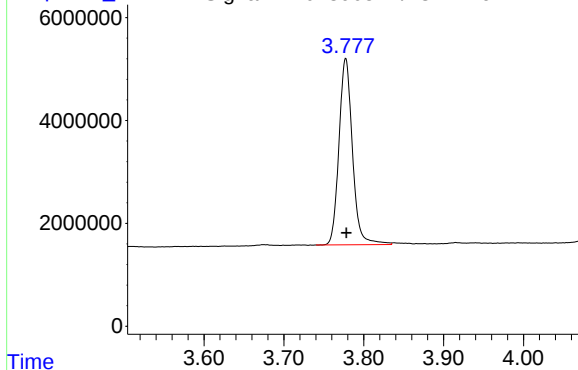


#1 Tetrachloro-m-xylene

R.T.: 4.487 min
Delta R.T.: -0.001 min
Response: 29331067
Conc: 21.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168905BL

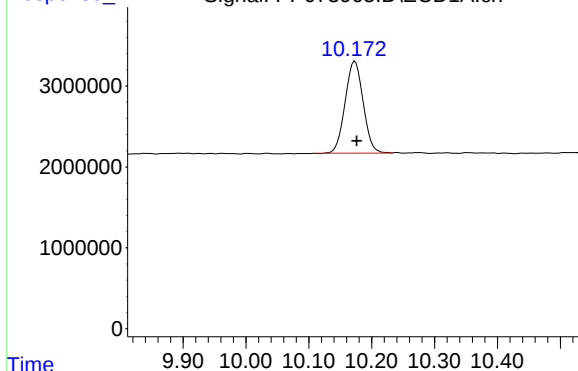
Time Response_ Signal: PP073905.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 42487170
Conc: 23.06 ng/ml

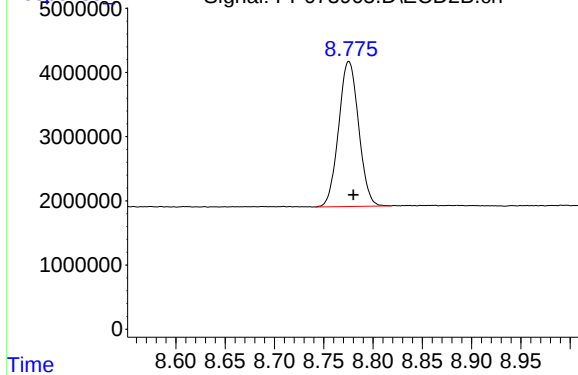
Time Response_ Signal: PP073905.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: -0.003 min
Response: 22683843
Conc: 20.79 ng/ml

Time Response_ Signal: PP073905.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.005 min
Response: 31917305
Conc: 24.12 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071725\
 Data File : PP073906.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 16:52
 Operator : YP\AJ
 Sample : PB168905BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168905BS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 01:22:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.485	3.778	29366299	42709702	21.443	23.183
2)	SA Decachlor...	10.171	8.776	22989129	31743523	21.071	23.991
Target Compounds							
3)	L1 AR-1016-1	5.636	4.856	2364022	3958184	49.755	58.059
4)	L1 AR-1016-2	5.657	4.873	3604008	5820276	50.608	57.126
5)	L1 AR-1016-3	5.719	5.049	2310746	3028548	52.922	55.974
6)	L1 AR-1016-4	5.817	5.091	1799116	2507217	50.051	57.137
7)	L1 AR-1016-5	6.109	5.304	1386600	2887774	44.257	52.907
31)	L7 AR-1260-1	7.226	6.333	2952689	5963326	50.078	61.125
32)	L7 AR-1260-2	7.480	6.522	4584221	8285981	47.832	67.455 #
33)	L7 AR-1260-3	7.837	6.674	2822692	6319936	38.630	57.735 #
34)	L7 AR-1260-4	8.061	7.143	2930051	5000575	44.871	55.930
35)	L7 AR-1260-5	8.379	7.385	6301091	11735572	41.770	52.219 #

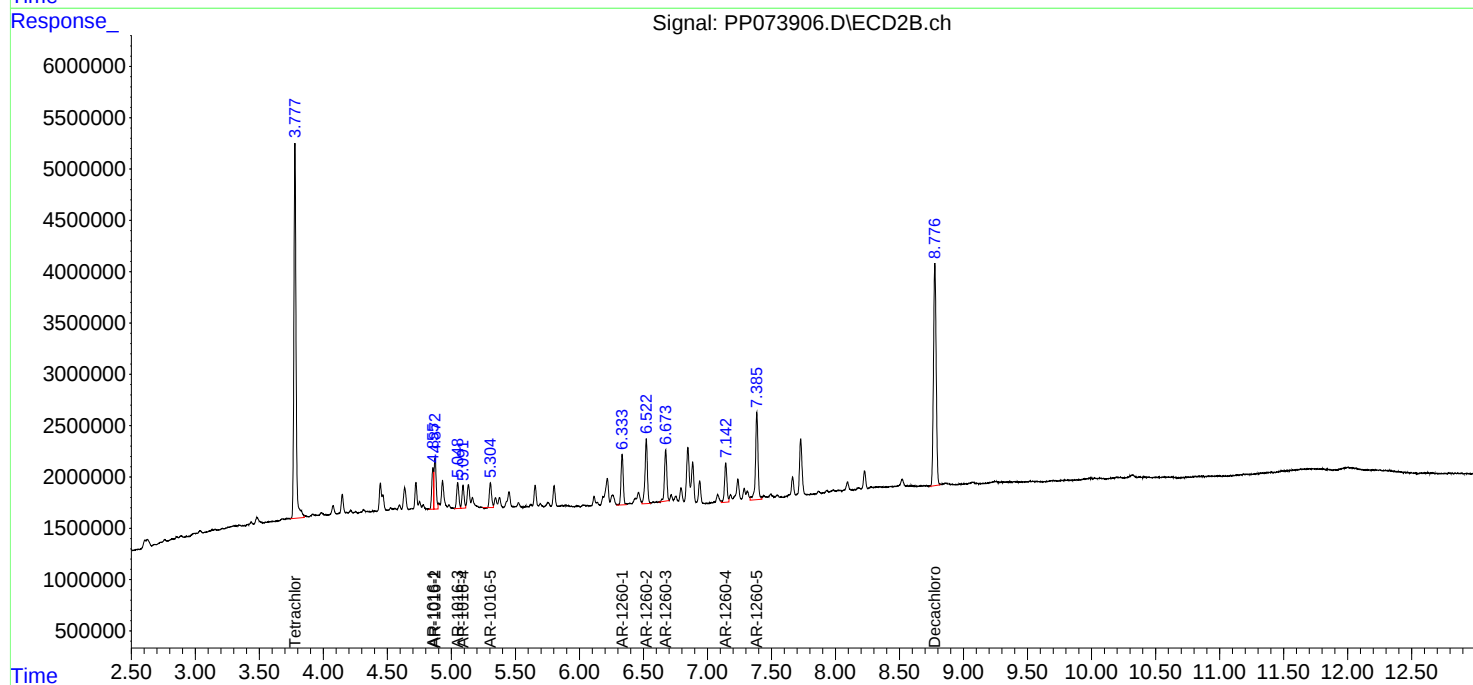
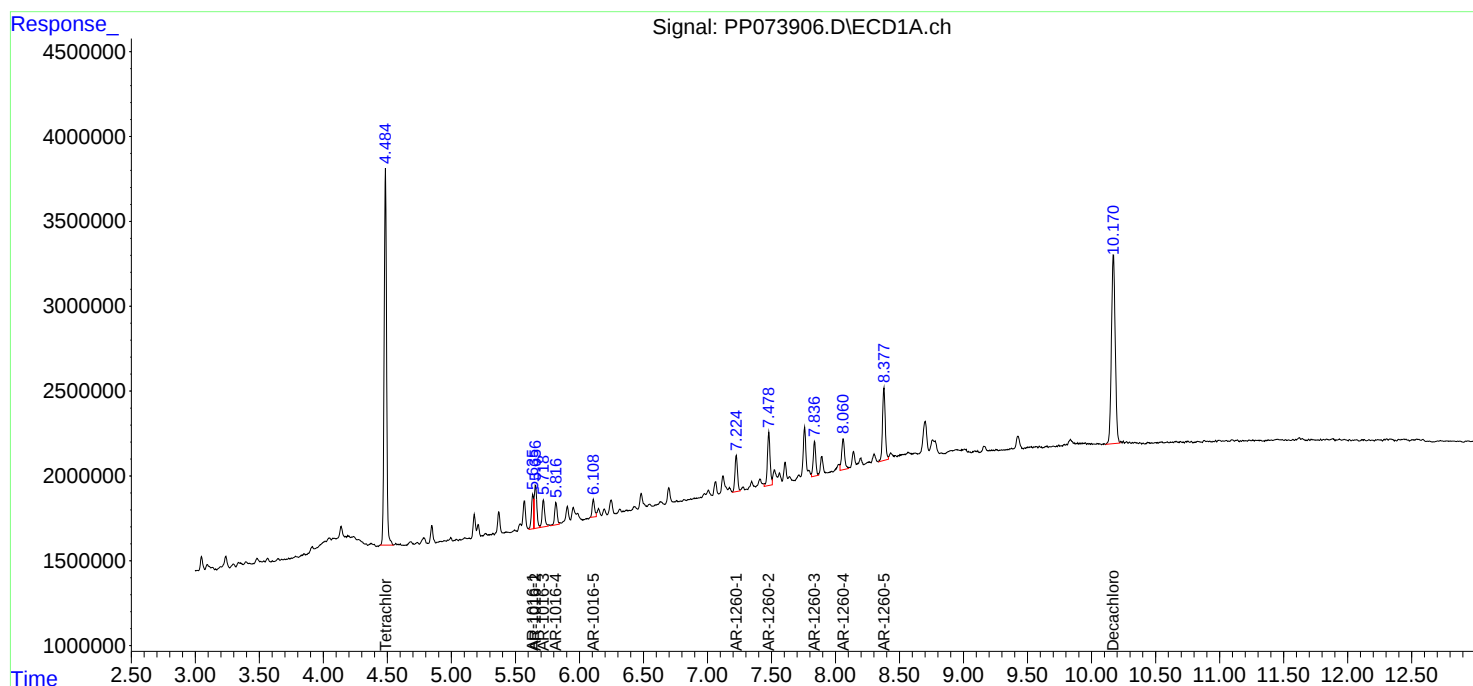
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071725\
Data File : PP073906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 16:52
Operator : YP\AJ
Sample : PB168905BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168905BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 01:22:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071725\
 Data File : PP073907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 17:08
 Operator : YP\AJ
 Sample : PB168905BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168905BSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 01:22:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.487	3.777	29003463	41034423	21.178	22.274
2) SA Decachlor...	10.174	8.774	22320948	31896173	20.458	24.106
Target Compounds						
3) L1 AR-1016-1	5.638	4.855	2285570	4123452	48.104	60.484 #
4) L1 AR-1016-2	5.660	4.872	3467505	5782957	48.691	56.760
5) L1 AR-1016-3	5.722	5.048	2282686	3003012	52.280	55.502
6) L1 AR-1016-4	5.819	5.090	1789056	2494341	49.771	56.844
7) L1 AR-1016-5	6.111	5.303	1446604	2962127	46.173	54.269
31) L7 AR-1260-1	7.228	6.333	2944747	5888662	49.944	60.359
32) L7 AR-1260-2	7.482	6.522	4474522	8015057	46.687	65.249 #
33) L7 AR-1260-3	7.840	6.673	2869203	5939044	39.266	54.256 #
34) L7 AR-1260-4	8.064	7.142	2835579	4675355	43.424	52.292
35) L7 AR-1260-5	8.381	7.384	6110926	11443542	40.509	50.920 #

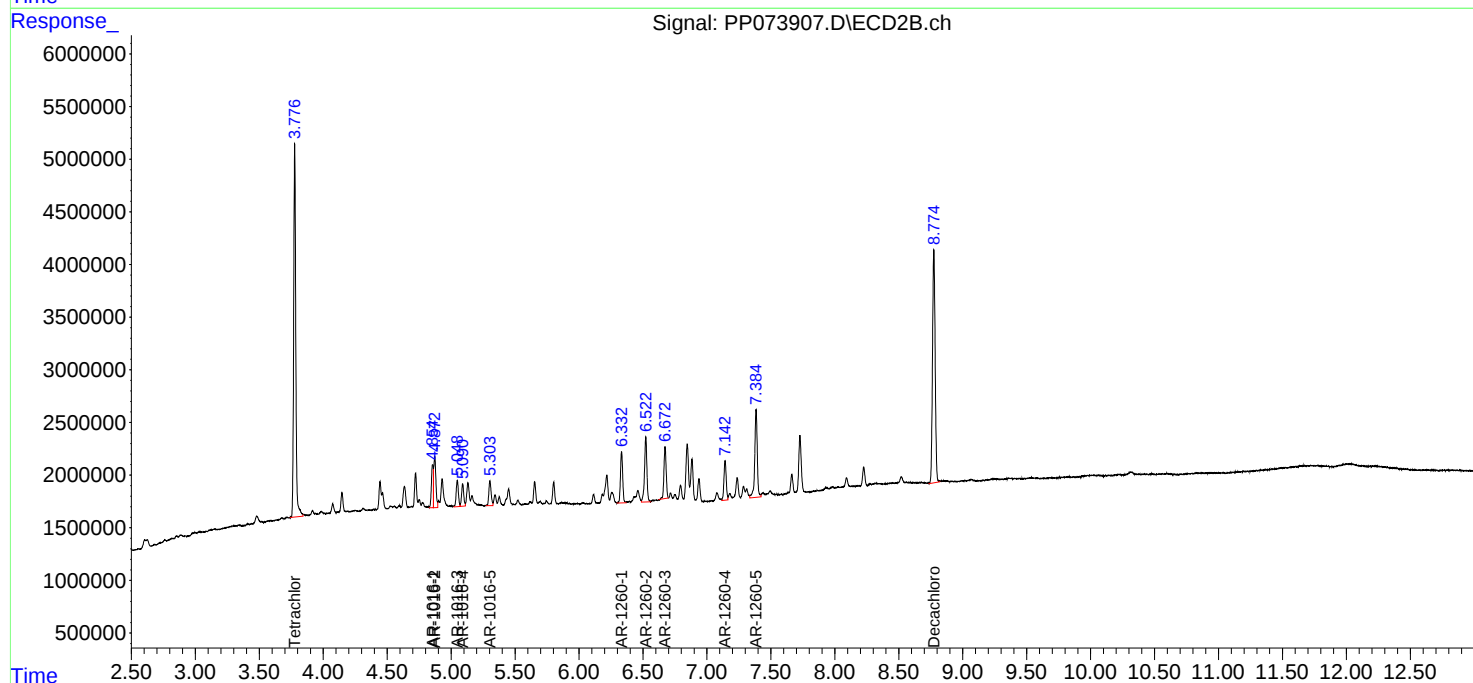
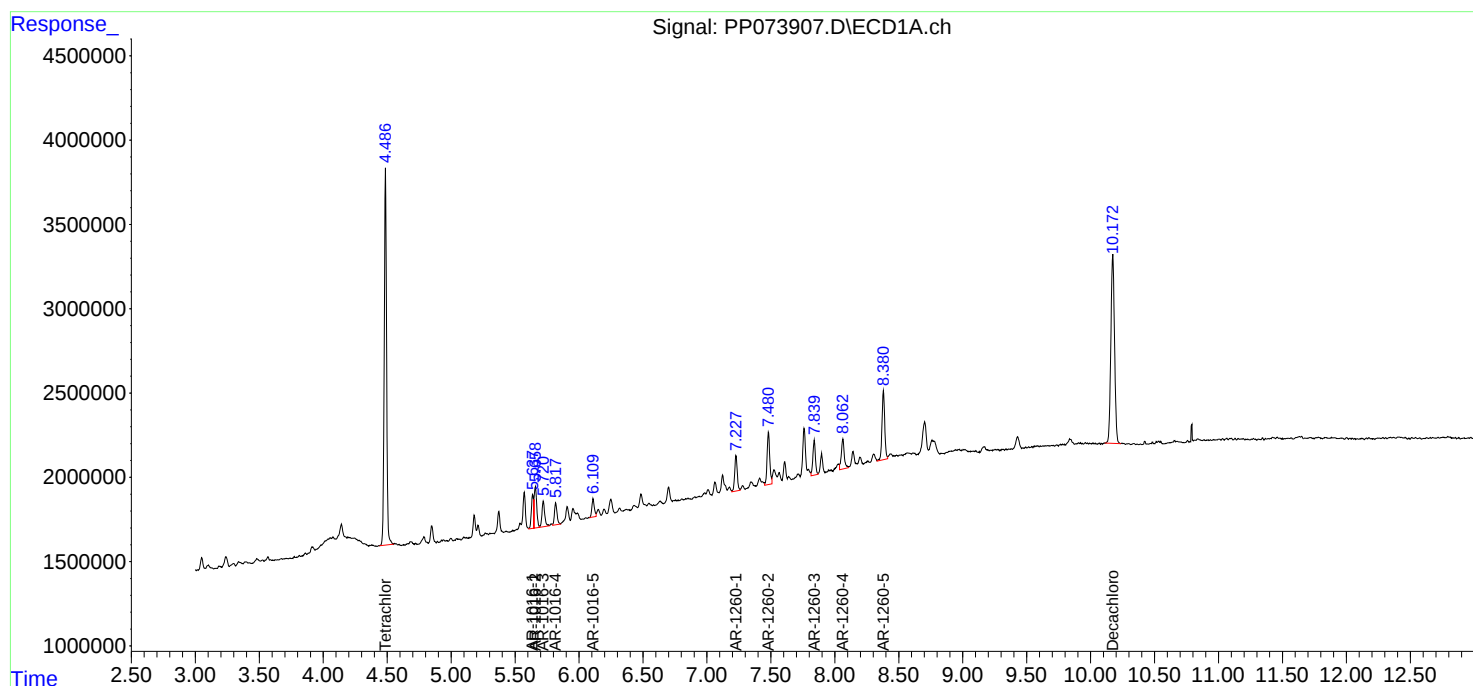
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071725\
Data File : PP073907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 17:08
Operator : YP\AJ
Sample : PB168905BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168905BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 01:22:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	pp070825	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP073557.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC250	PP073557.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1016-1	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-1 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-1	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-2	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-3	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-5	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-1	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-4	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-5	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

Manual Integration Report

Sequence:

pp070825

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP073575.D	AR-1254-1	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-2	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-3	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-4	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC250	PP073580.D	AR-1268-1 #2	yogesh	7/8/2025 8:51:24 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC050	PP073581.D	AR-1268-5	yogesh	7/8/2025 8:51:26 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

Manual Integration Report

Sequence:

PP071725

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2594-01	PP073911.D	Tetrachloro-m-xylene	yogesh	7/29/2025 7:27:10 AM	mohammad	7/29/2025 7:49:50	Peak Integrated by Software
Q2594-01	PP073911.D	Tetrachloro-m-xylene #2	yogesh	7/29/2025 7:27:10 AM	mohammad	7/29/2025 7:49:50	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
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 Surrogate Standard MS/MSD Standard LCS Standard	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073552.D	07 Jul 2025 20:13	YP\AJ	Ok
2	I.BLK	PP073553.D	07 Jul 2025 20:30	YP\AJ	Ok
3	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03	YP\AJ	Ok
4	AR1660ICC750	PP073555.D	07 Jul 2025 21:19	YP\AJ	Ok
5	AR1660ICC500	PP073556.D	07 Jul 2025 21:35	YP\AJ	Ok
6	AR1660ICC250	PP073557.D	07 Jul 2025 21:52	YP\AJ	Ok,M
7	AR1660ICC050	PP073558.D	07 Jul 2025 22:08	YP\AJ	Ok,M
8	AR1221ICC500	PP073559.D	07 Jul 2025 22:24	YP\AJ	Ok
9	AR1232ICC500	PP073560.D	07 Jul 2025 22:41	YP\AJ	Ok
10	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57	YP\AJ	Ok
11	AR1242ICC750	PP073562.D	07 Jul 2025 23:14	YP\AJ	Ok
12	AR1242ICC500	PP073563.D	07 Jul 2025 23:30	YP\AJ	Ok
13	AR1242ICC250	PP073564.D	07 Jul 2025 23:46	YP\AJ	Ok
14	AR1242ICC050	PP073565.D	08 Jul 2025 00:03	YP\AJ	Ok,M
15	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19	YP\AJ	Ok
16	AR1248ICC750	PP073567.D	08 Jul 2025 00:35	YP\AJ	Ok
17	AR1248ICC500	PP073568.D	08 Jul 2025 00:52	YP\AJ	Ok
18	AR1248ICC250	PP073569.D	08 Jul 2025 01:08	YP\AJ	Ok
19	AR1248ICC050	PP073570.D	08 Jul 2025 01:25	YP\AJ	Ok,M
20	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41	YP\AJ	Ok
21	AR1254ICC750	PP073572.D	08 Jul 2025 01:57	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP073573.D	08 Jul 2025 02:14	YP\AJ	Ok
23	AR1254ICC250	PP073574.D	08 Jul 2025 02:30	YP\AJ	Ok
24	AR1254ICC050	PP073575.D	08 Jul 2025 02:46	YP\AJ	Ok,M
25	AR1262ICC500	PP073576.D	08 Jul 2025 03:03	YP\AJ	Ok
26	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19	YP\AJ	Ok
27	AR1268ICC750	PP073578.D	08 Jul 2025 03:35	YP\AJ	Ok
28	AR1268ICC500	PP073579.D	08 Jul 2025 03:52	YP\AJ	Ok
29	AR1268ICC250	PP073580.D	08 Jul 2025 04:08	YP\AJ	Ok,M
30	AR1268ICC050	PP073581.D	08 Jul 2025 04:24	YP\AJ	Ok,M
31	PP070825ICV500	PP073582.D	08 Jul 2025 04:41	YP\AJ	Ok
32	AR1242ICV500	PP073583.D	08 Jul 2025 05:30	YP\AJ	Ok
33	AR1248ICV500	PP073584.D	08 Jul 2025 05:46	YP\AJ	Ok
34	AR1254ICV500	PP073585.D	08 Jul 2025 06:19	YP\AJ	Ok
35	AR1268ICV500	PP073586.D	08 Jul 2025 06:52	YP\AJ	Ok
36	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071725

Review By	yogesh	Review On	7/17/2025 10:28:01 AM
Supervise By	mohammad	Supervise On	7/29/2025 7:49:50 AM
SubDirectory	PP071725	HP Acquire Method	HP Processing Method PP070825
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#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073884.D	17 Jul 2025 09:09	YP\AJ	Ok
2	AR1660CCC500	PP073885.D	17 Jul 2025 09:25	YP\AJ	Ok
3	AR1242CCC500	PP073886.D	17 Jul 2025 09:47	YP\AJ	Ok
4	AR1248CCC500	PP073887.D	17 Jul 2025 10:03	YP\AJ	Ok
5	AR1254CCC500	PP073888.D	17 Jul 2025 10:20	YP\AJ	Ok
6	I.BLK	PP073889.D	17 Jul 2025 10:36	YP\AJ	Ok
7	DDT ANALOG	PP073890.D	17 Jul 2025 10:53	YP\AJ	Ok
8	Q2609-01DL	PP073891.D	17 Jul 2025 11:09	YP\AJ	Ok,M
9	Q2609-05DL	PP073892.D	17 Jul 2025 11:25	YP\AJ	Ok,M
10	Q2608-04RE	PP073893.D	17 Jul 2025 12:28	YP\AJ	Confirms
11	Q2622-01	PP073894.D	17 Jul 2025 12:44	YP\AJ	Ok
12	Q2621-01	PP073895.D	17 Jul 2025 13:02	YP\AJ	Not Ok
13	Q2621-01MS	PP073896.D	17 Jul 2025 13:19	YP\AJ	Ok
14	Q2621-01MSD	PP073897.D	17 Jul 2025 13:35	YP\AJ	Ok
15	Q2620-01	PP073898.D	17 Jul 2025 13:51	YP\AJ	Ok
16	Q2620-02	PP073899.D	17 Jul 2025 14:08	YP\AJ	Ok,M
17	AR1660CCC500	PP073900.D	17 Jul 2025 15:14	YP\AJ	Ok
18	AR1242CCC500	PP073901.D	17 Jul 2025 15:30	YP\AJ	Ok
19	AR1248CCC500	PP073902.D	17 Jul 2025 15:46	YP\AJ	Ok
20	AR1254CCC500	PP073903.D	17 Jul 2025 16:03	YP\AJ	Ok
21	I.BLK	PP073904.D	17 Jul 2025 16:19	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071725

Review By	yogesh	Review On	7/17/2025 10:28:01 AM
Supervise By	mohammad	Supervise On	7/29/2025 7:49:50 AM
SubDirectory	PP071725	HP Acquire Method	HP Processing Method PP070825
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	PB168905BL	PP073905.D	17 Jul 2025 16:35	YP\AJ	Ok
23	PB168905BS	PP073906.D	17 Jul 2025 16:52	YP\AJ	Ok
24	PB168905BSD	PP073907.D	17 Jul 2025 17:08	YP\AJ	Ok
25	PB168896BL	PP073908.D	17 Jul 2025 17:25	YP\AJ	Not Ok
26	PB168896BS	PP073909.D	17 Jul 2025 17:41	YP\AJ	Ok
27	PB168896BL	PP073910.D	17 Jul 2025 17:57	YP\AJ	Ok
28	Q2594-01	PP073911.D	17 Jul 2025 18:14	YP\AJ	Ok,M
29	Q2624-02	PP073912.D	17 Jul 2025 18:30	YP\AJ	Ok,M
30	Q2624-03	PP073913.D	17 Jul 2025 18:46	YP\AJ	Ok,M
31	Q2621-01	PP073914.D	17 Jul 2025 19:03	YP\AJ	Ok
32	AR1660CCC500	PP073915.D	17 Jul 2025 20:08	YP\AJ	Ok
33	AR1242CCC500	PP073916.D	17 Jul 2025 20:57	YP\AJ	Ok
34	AR1248CCC500	PP073917.D	17 Jul 2025 21:14	YP\AJ	Ok
35	AR1254CCC500	PP073918.D	17 Jul 2025 21:30	YP\AJ	Ok
36	I.BLK	PP073919.D	17 Jul 2025 21:46	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
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			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073552.D	07 Jul 2025 20:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP073553.D	07 Jul 2025 20:30		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP073555.D	07 Jul 2025 21:19		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP073556.D	07 Jul 2025 21:35		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP073557.D	07 Jul 2025 21:52		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP073558.D	07 Jul 2025 22:08		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP073559.D	07 Jul 2025 22:24		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP073560.D	07 Jul 2025 22:41		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP073562.D	07 Jul 2025 23:14		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073563.D	07 Jul 2025 23:30		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073564.D	07 Jul 2025 23:46		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073565.D	08 Jul 2025 00:03		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP073567.D	08 Jul 2025 00:35		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073568.D	08 Jul 2025 00:52		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073569.D	08 Jul 2025 01:08		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		

19	AR1248ICC050	AR1248ICC050	PP073570.D	08 Jul 2025 01:25		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073572.D	08 Jul 2025 01:57		YPIAJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073573.D	08 Jul 2025 02:14		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073574.D	08 Jul 2025 02:30		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073575.D	08 Jul 2025 02:46		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP073576.D	08 Jul 2025 03:03		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073578.D	08 Jul 2025 03:35		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073579.D	08 Jul 2025 03:52		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073580.D	08 Jul 2025 04:08		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP073581.D	08 Jul 2025 04:24		YPIAJ	Ok,M
31	PP070825ICV500	ICVPP070825	PP073582.D	08 Jul 2025 04:41		YPIAJ	Ok
32	AR1242ICV500	ICVPP070825AR1242	PP073583.D	08 Jul 2025 05:30		YPIAJ	Ok
33	AR1248ICV500	ICVPP070825AR1248	PP073584.D	08 Jul 2025 05:46		YPIAJ	Ok
34	AR1254ICV500	ICVPP070825AR1254	PP073585.D	08 Jul 2025 06:19		YPIAJ	Ok
35	AR1268ICV500	ICVPP070825AR1268	PP073586.D	08 Jul 2025 06:52		YPIAJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071725

Review By	yogesh	Review On	7/17/2025 10:28:01 AM
Supervise By	mohammad	Supervise On	7/29/2025 7:49:50 AM
SubDirectory	PP071725	HP Acquire Method	HP Processing Method PP070825
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	PP073884.D	17 Jul 2025 09:09		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073885.D	17 Jul 2025 09:25		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP073886.D	17 Jul 2025 09:47		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073887.D	17 Jul 2025 10:03		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073888.D	17 Jul 2025 10:20		YP\AJ	Ok
6	I.BLK	I.BLK	PP073889.D	17 Jul 2025 10:36		YP\AJ	Ok
7	DDT ANALOG	DDT ANALOG	PP073890.D	17 Jul 2025 10:53		YP\AJ	Ok
8	Q2609-01DL	710-ABCDL	PP073891.D	17 Jul 2025 11:09	AR1242 Hit	YP\AJ	Ok,M
9	Q2609-05DL	709-ABDL	PP073892.D	17 Jul 2025 11:25	AR1242 Hit	YP\AJ	Ok,M
10	Q2608-04RE	60271RE	PP073893.D	17 Jul 2025 12:28	DCB high in both column	YP\AJ	Confirms
11	Q2622-01	2819	PP073894.D	17 Jul 2025 12:44		YP\AJ	Ok
12	Q2621-01	TR-05-07162025	PP073895.D	17 Jul 2025 13:02	need cleanup	YP\AJ	Not Ok
13	Q2621-01MS	TR-05-07162025MS	PP073896.D	17 Jul 2025 13:19		YP\AJ	Ok
14	Q2621-01MSD	TR-05-07162025MSD	PP073897.D	17 Jul 2025 13:35		YP\AJ	Ok
15	Q2620-01	GAS-BUR-25-0010	PP073898.D	17 Jul 2025 13:51		YP\AJ	Ok
16	Q2620-02	GAS-BUR-25-0058	PP073899.D	17 Jul 2025 14:08		YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP073900.D	17 Jul 2025 15:14		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP073901.D	17 Jul 2025 15:30		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071725

Review By	yogesh	Review On	7/17/2025 10:28:01 AM
Supervise By	mohammad	Supervise On	7/29/2025 7:49:50 AM
SubDirectory	PP071725	HP Acquire Method	HP Processing Method PP070825
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	PP073902.D	17 Jul 2025 15:46		YPIAJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073903.D	17 Jul 2025 16:03		YPIAJ	Ok
21	I.BLK	I.BLK	PP073904.D	17 Jul 2025 16:19		YPIAJ	Ok
22	PB168905BL	PB168905BL	PP073905.D	17 Jul 2025 16:35		YPIAJ	Ok
23	PB168905BS	PB168905BS	PP073906.D	17 Jul 2025 16:52		YPIAJ	Ok
24	PB168905BSD	PB168905BSD	PP073907.D	17 Jul 2025 17:08		YPIAJ	Ok
25	PB168896BL	PB168896BL	PP073908.D	17 Jul 2025 17:25	Run with cleanup sample	YPIAJ	Not Ok
26	PB168896BS	PB168896BS	PP073909.D	17 Jul 2025 17:41		YPIAJ	Ok
27	PB168896BL	PB168896BL	PP073910.D	17 Jul 2025 17:57		YPIAJ	Ok
28	Q2594-01	CC-071325-RW	PP073911.D	17 Jul 2025 18:14	TCMX high in 2nd column	YPIAJ	Ok,M
29	Q2624-02	450	PP073912.D	17 Jul 2025 18:30		YPIAJ	Ok,M
30	Q2624-03	451	PP073913.D	17 Jul 2025 18:46		YPIAJ	Ok,M
31	Q2621-01	TR-05-07162025	PP073914.D	17 Jul 2025 19:03		YPIAJ	Ok
32	AR1660CCC500	AR1660CCC500	PP073915.D	17 Jul 2025 20:08		YPIAJ	Ok
33	AR1242CCC500	AR1242CCC500	PP073916.D	17 Jul 2025 20:57		YPIAJ	Ok
34	AR1248CCC500	AR1248CCC500	PP073917.D	17 Jul 2025 21:14		YPIAJ	Ok
35	AR1254CCC500	AR1254CCC500	PP073918.D	17 Jul 2025 21:30		YPIAJ	Ok
36	I.BLK	I.BLK	PP073919.D	17 Jul 2025 21:46		YPIAJ	Ok

M : Manual Integration

SOP ID: M608.3-Pesticide PCB-18

Clean Up SOP #: N/A

Matrix: Water

Weight By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date: 07/17/2025

Extraction Start Time: 09:20

Extraction End Date: 07/17/2025

Extraction End Time: 13:30

Concentration By: EH

Supervisor By: RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50 PPB	PP24709
Surrogate	1.0ML	20 PPB	PP24714
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
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2625
Hexane	N/A	E3956
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

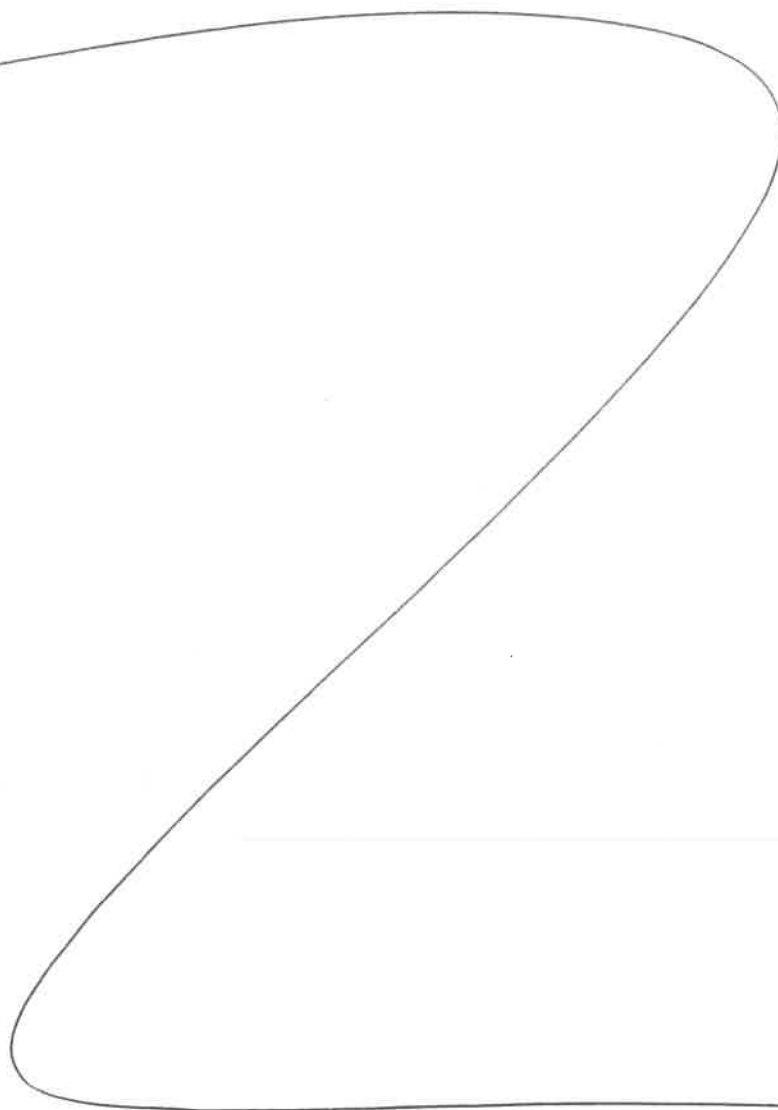
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/17/25	RS (Ext Lab)	Y-P-pest/PCB
13:35	Preparation Group	Analysis Group

Analytical Method: M608.3-Pesticide PCB-18

Concentration Date: 07/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168905BL	ABLK905	PCB	1000	6	RUPESH	ritesh	1			SEP-1
PB168905BS	ALCS905	PCB	1000	6	RUPESH	ritesh	1			2
PB168905BS D	ALCSD905	PCB	1000	6	RUPESH	ritesh	1			3
Q2594-01	CC-071325-RW	PCB	1000	6	RUPESH	ritesh	1	E		4



RS
FW

168195
07-17-2025

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2594 WorkList ID : 190796 Department : Extraction Date : 07-17-2025 09:13:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2594-01	CC-071325-RW	Water	PCB	Cool 4 deg C	ENV160	O42	07/14/2025	608.3
Q2594-01	CC-071325-RW	Water	Pesticide-TCL	Cool 4 deg C	ENV160	O42	07/14/2025	608.3

Date/Time 7/17/25 9:15
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: OP SM

Date/Time 7/17/25 9:40
Raw Sample Received by: OP SM
Raw Sample Relinquished by: RS (Ext Lab)



LAB CHRONICLE

OrderID:	Q2594	OrderDate:	7/14/2025 12:05:00 PM
Client:	Environmental Restoration, LLC	Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS
Contact:	Byron Hartman	Location:	O41,O42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2594-01	CC-071325-RW	WATER			07/14/25			07/14/25
			PCB	608.3		07/17/25	07/17/25	
			Pesticide-TCL	608.3		07/17/25	07/28/25	