

Hit Summary Sheet
SW-846

SDG No.: Q2320

Order ID: Q2320

Client: First Environment, Inc.

Project ID: EDGEW001 – Veterans Field Edgewat

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC								
Q2320-01	WC	SOIL	Aroclor-1248	222	6.70	19.1	ug/kg	
Q2320-01	WC	SOIL	Aroclor-1254	188	3.60	19.1	ug/kg	
Total Concentration:				410.000				



SAMPLE DATA

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	06/13/25
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	06/13/25
Client Sample ID:	WC	SDG No.:	Q2320
Lab Sample ID:	Q2320-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072970.D	1	06/16/25 08:25	06/16/25 13:49	PB168483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.1	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.1	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.1	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.1	ug/kg
12672-29-6	Aroclor-1248	222		6.70	19.1	ug/kg
11097-69-1	Aroclor-1254	188		3.60	19.1	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.1	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.1	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		30 (32) - 150 (144)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		30 (32) - 150 (175)	106%	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.: **Q2320**

Client: **First Environment, Inc.**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP072163.D	PIBLK-PP072163.D	Tetrachloro-m-xylene	1	20	16.3	82		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	16.7	84		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	16.6	83		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.0	85		70 (60)	130 (140)
I.BLK-PP072962.D	PIBLK-PP072962.D	Tetrachloro-m-xylene	1	20	18.0	90		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.9	94		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.5	93		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.1	110		70 (60)	130 (140)
PB168483BS	PB168483BS	Tetrachloro-m-xylene	1	20	19.7	99		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.3	101		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.6	98		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	25.0	125		30 (32)	150 (175)
Q2320-01	WC	Tetrachloro-m-xylene	1	20	17.7	88		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	17.0	85		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.4	97		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.2	106		30 (32)	150 (175)
I.BLK-PP072977.D	PIBLK-PP072977.D	Tetrachloro-m-xylene	1	20	18.3	91		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	16.6	83		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.1	100		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.8	109		70 (60)	130 (140)
PB168483BL	PB168483BL	Tetrachloro-m-xylene	1	20	19.6	98		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	18.6	93		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.6	108		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	24.0	120		30 (32)	150 (175)
Q2322-01MS	CL-01-061325MS	Tetrachloro-m-xylene	1	20	18.5	93		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	13.7	68		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	17.9	89		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.1	91		30 (32)	150 (175)
Q2322-01MSD	CL-01-061325MSD	Tetrachloro-m-xylene	1	20	19.8	99		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	16.4	82		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.3	106		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.5	108		30 (32)	150 (175)
I.BLK-PP072988.D	PIBLK-PP072988.D	Tetrachloro-m-xylene	1	20	18.0	90		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.3	87		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	19.4	97		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.6	113		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2320</u>	Analytical Method:	<u>8082A</u>
Client:	<u>First Environment, Inc.</u>	DataFile :	<u>PP072980.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2322-01MS (Column 1)	CL-01-061325MS AR1016	190.5	0	137	ug/kg	72				40 (55)	140 (146)	
	AR1260	190.5	0	122	ug/kg	64				40 (54)	140 (119)	
Client Sample ID: Q2322-01MS (Column 2)	CL-01-061325MS AR1016	190.5	0	141	ug/kg	74				40 (55)	140 (146)	
	AR1260	190.5	0	139	ug/kg	73				40 (54)	140 (119)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2320</u>	Analytical Method:	<u>8082A</u>
Client:	<u>First Environment, Inc.</u>	DataFile :	<u>PP072981.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2322-01MSD (Column 1)	CL-01-061325MSD AR1016	190.4	0	148	ug/kg	78		8		40 (55)	140 (146)	30 (15)
	AR1260	190.4	0	131	ug/kg	69		8		40 (54)	140 (119)	30 (15)
Client Sample ID: Q2322-01MSD (Column 2)	CL-01-061325MSD AR1016	190.4	0	159	ug/kg	84		13		40 (55)	140 (146)	30 (15)
	AR1260	190.4	0	156	ug/kg	82		12		40 (54)	140 (119)	30 (15)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2320</u>	Analytical Method:	<u>8082A</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>PP072964.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168483BS (Column 1)	AR1016	166.6	125	ug/kg	75				40 (71)	140 (120)	
	AR1260	166.6	122	ug/kg	73				40 (65)	140 (130)	
PB168483BS (Column 2)	AR1016	166.6	132	ug/kg	79				40 (71)	140 (120)	
	AR1260	166.6	143	ug/kg	86				40 (65)	140 (130)	

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PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168483BL

Lab Name: CHEMTECH

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320

SAS No.: Q2320 SDG NO.: Q2320

Lab Sample ID: PB168483BL

Lab File ID: PP072978.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/16/2025

Date Analyzed (1): 06/16/2025

Date Analyzed (2): 06/16/2025

Time Analyzed (1): 16:42

Time Analyzed (2): 16:42

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
PB168483BS	PB168483BS	PP072964.D	06/16/2025	06/16/2025
WC	Q2320-01	PP072970.D	06/16/2025	06/16/2025
CL-01-061325MS	Q2322-01MS	PP072980.D	06/16/2025	06/16/2025
CL-01-061325MSD	Q2322-01MSD	PP072981.D	06/16/2025	06/16/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	
Client Sample ID:	PB168483BL	SDG No.:	Q2320
Lab Sample ID:	PB168483BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072978.D	1	06/16/25 08:25	06/16/25 16:42	PB168483

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	21.6		30 (32) - 150 (144)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		30 (32) - 150 (175)	120%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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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

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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:	First Environment, Inc.	Date Collected:	05/19/25
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	05/19/25
Client Sample ID:	PIBLK-PP072163.D	SDG No.:	Q2320
Lab Sample ID:	I.BLK-PP072163.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.3		70 (60) - 130 (140)	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		70 (60) - 130 (140)	84%	SPK: 20

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	06/16/25
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	06/16/25
Client Sample ID:	PIBLK-PP072962.D	SDG No.:	Q2320
Lab Sample ID:	I.BLK-PP072962.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
PP072962.D	1		06/16/25	PP061625

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	18.0		70 (60) - 130 (140)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		70 (60) - 130 (140)	94%	SPK: 20

Comments:

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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:	First Environment, Inc.	Date Collected:	06/16/25
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	06/16/25
Client Sample ID:	PIBLK-PP072977.D	SDG No.:	Q2320
Lab Sample ID:	I.BLK-PP072977.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
PP072977.D	1		06/16/25	pp061625

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	18.3		70 (60) - 130 (140)	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		70 (60) - 130 (140)	83%	SPK: 20

Comments:

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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

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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:	First Environment, Inc.	Date Collected:	06/16/25
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	06/16/25
Client Sample ID:	PIBLK-PP072988.D	SDG No.:	Q2320
Lab Sample ID:	I.BLK-PP072988.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
PP072988.D	1		06/16/25	pp061625

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	18.0		70 (60) - 130 (140)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		70 (60) - 130 (140)	87%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

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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:	First Environment, Inc.	Date Collected:	
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	
Client Sample ID:	PB168483BS	SDG No.:	Q2320
Lab Sample ID:	PB168483BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072964.D	1	06/16/25 08:25	06/16/25 12:12	PB168483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	132		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	143		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		30 (32) - 150 (144)	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.0		30 (32) - 150 (175)	125%	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:	First Environment, Inc.	Date Collected:	06/13/25
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	06/13/25
Client Sample ID:	CL-01-061325MS	SDG No.:	Q2320
Lab Sample ID:	Q2322-01MS	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	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072980.D	1	06/16/25 08:25	06/16/25 17:15	PB168483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	141		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	139		3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		30 (32) - 150 (144)	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		30 (32) - 150 (175)	91%	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:	First Environment, Inc.	Date Collected:	06/13/25
Project:	EDGEW001 – Veterans Field Edgewater, NJ	Date Received:	06/13/25
Client Sample ID:	CL-01-061325MSD	SDG No.:	Q2320
Lab Sample ID:	Q2322-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.4
Sample Wt/Vol:	30.05	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
PP072981.D	1	06/16/25 08:25	06/16/25 17:32	PB168483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	159		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	4.20	U	4.20	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	156		3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		30 (32) - 150 (144)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		30 (32) - 150 (175)	108%	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
B
C
D
E
F
G
H
I
J
K
L

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

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

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Instrument ID: ECD_P

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

Calibration Times: 09:42 18:25

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Instrument ID: ECD_P

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

Calibration Times: 09:42 18:25

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: FIRS02

Lab Code: CHEM **Case No.:** Q2320 **SAS No.:** Q2320 **SDG NO.:** Q2320

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.70	4.60	4.80	25133000
		2	4.79	4.69	4.89	17981400
		3	4.86	4.76	4.96	58509600
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	8.09	7.99	8.19	133245000
		2	8.41	8.31	8.51	272386000
		3	8.72	8.62	8.82	185530000
		4	8.81	8.71	8.91	134281000
		5	9.46	9.36	9.56	92460600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.01	3.91	4.11	23124400
		2	4.09	3.99	4.19	17698400
		3	4.17	4.07	4.27	52270400
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	6.92	6.82	7.02	113028000
		2	7.18	7.08	7.28	97127000
		3	7.70	7.60	7.80	81531200
		4	7.77	7.67	7.87	140624000
		5	8.27	8.17	8.37	65083800

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Continuing Calib Date: 06/16/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 10:28 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.66	5.65	5.55	5.75	-0.01
Aroclor-1016-2	(2)	5.68	5.67	5.57	5.77	-0.01
Aroclor-1016-3	(3)	5.74	5.74	5.64	5.84	0.00
Aroclor-1016-4	(4)	5.84	5.83	5.73	5.93	-0.01
Aroclor-1016-5	(5)	6.13	6.13	6.03	6.23	0.00
Aroclor-1260-1	(1)	7.25	7.25	7.15	7.35	0.01
Aroclor-1260-2	(2)	7.50	7.50	7.40	7.60	0.00
Aroclor-1260-3	(3)	7.86	7.86	7.76	7.96	0.00
Aroclor-1260-4	(4)	8.08	8.09	7.99	8.19	0.01
Aroclor-1260-5	(5)	8.40	8.40	8.30	8.50	0.00
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.20	10.21	10.11	10.31	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Continuing Calib Date: 06/16/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 10:28 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.70	6.71	6.61	6.81	0.01
Aroclor-1260-4	(4)	7.16	7.18	7.08	7.28	0.02
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.82	8.72	8.92	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

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

Client Sample No.: CCAL01 Date Analyzed: 06/16/2025

Lab Sample No.: AR1660CCC500 Data File : PP072958.D Time Analyzed: 10:28

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.656	5.552	5.752	413.160	500.000	-17.4
Aroclor-1016-2	5.677	5.574	5.774	460.960	500.000	-7.8
Aroclor-1016-3	5.739	5.636	5.836	448.800	500.000	-10.2
Aroclor-1016-4	5.837	5.734	5.934	467.540	500.000	-6.5
Aroclor-1016-5	6.129	6.027	6.227	461.030	500.000	-7.8
Aroclor-1260-1	7.245	7.147	7.347	444.870	500.000	-11.0
Aroclor-1260-2	7.498	7.401	7.601	445.180	500.000	-11.0
Aroclor-1260-3	7.856	7.760	7.960	469.640	500.000	-6.1
Aroclor-1260-4	8.080	7.985	8.185	457.440	500.000	-8.5
Aroclor-1260-5	8.399	8.303	8.503	479.310	500.000	-4.1
Decachlorobiphenyl	10.199	10.113	10.313	59.090	50.000	18.2
Tetrachloro-m-xylene	4.504	4.396	4.596	48.180	50.000	-3.6

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

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

Client Sample No.: CCAL01 Date Analyzed: 06/16/2025

Lab Sample No.: AR1660CCC500 Data File : PP072958.D Time Analyzed: 10:28

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.873	4.777	4.977	479.300	500.000	-4.1
Aroclor-1016-2	4.891	4.795	4.995	496.470	500.000	-0.7
Aroclor-1016-3	5.068	4.973	5.173	498.160	500.000	-0.4
Aroclor-1016-4	5.109	5.015	5.215	508.080	500.000	1.6
Aroclor-1016-5	5.324	5.229	5.429	499.200	500.000	-0.2
Aroclor-1260-1	6.354	6.264	6.464	522.780	500.000	4.6
Aroclor-1260-2	6.543	6.453	6.653	505.780	500.000	1.2
Aroclor-1260-3	6.695	6.606	6.806	524.460	500.000	4.9
Aroclor-1260-4	7.164	7.077	7.277	518.500	500.000	3.7
Aroclor-1260-5	7.407	7.319	7.519	530.380	500.000	6.1
Decachlorobiphenyl	8.804	8.723	8.923	67.090	50.000	34.2
Tetrachloro-m-xylene	3.793	3.691	3.891	50.830	50.000	1.7

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Continuing Calib Date: 06/16/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 15:21 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.00
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.24	7.25	7.15	7.35	0.01
Aroclor-1260-2	(2)	7.49	7.50	7.40	7.60	0.01
Aroclor-1260-3	(3)	7.85	7.86	7.76	7.96	0.01
Aroclor-1260-4	(4)	8.07	8.09	7.99	8.19	0.02
Aroclor-1260-5	(5)	8.39	8.40	8.30	8.50	0.01
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.19	10.21	10.11	10.31	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Continuing Calib Date: 06/16/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 15:21 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.69	6.71	6.61	6.81	0.02
Aroclor-1260-4	(4)	7.16	7.18	7.08	7.28	0.02
Aroclor-1260-5	(5)	7.40	7.42	7.32	7.52	0.02
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.82	8.72	8.92	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

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

Client Sample No.: CCAL02 Date Analyzed: 06/16/2025

Lab Sample No.: AR1660CCC500 Data File : PP072973.D Time Analyzed: 15:21

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.646	5.552	5.752	427.360	500.000	-14.5
Aroclor-1016-2	5.669	5.574	5.774	427.440	500.000	-14.5
Aroclor-1016-3	5.731	5.636	5.836	425.490	500.000	-14.9
Aroclor-1016-4	5.829	5.734	5.934	436.300	500.000	-12.7
Aroclor-1016-5	6.121	6.027	6.227	444.620	500.000	-11.1
Aroclor-1260-1	7.238	7.147	7.347	397.080	500.000	-20.6
Aroclor-1260-2	7.491	7.401	7.601	392.490	500.000	-21.5
Aroclor-1260-3	7.848	7.760	7.960	400.340	500.000	-19.9
Aroclor-1260-4	8.071	7.985	8.185	410.090	500.000	-18.0
Aroclor-1260-5	8.391	8.303	8.503	410.200	500.000	-18.0
Decachlorobiphenyl	10.190	10.113	10.313	51.560	50.000	3.1
Tetrachloro-m-xylene	4.497	4.396	4.596	47.860	50.000	-4.3

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

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

Client Sample No.: CCAL02 Date Analyzed: 06/16/2025

Lab Sample No.: AR1660CCC500 Data File : PP072973.D Time Analyzed: 15:21

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.870	4.777	4.977	486.410	500.000	-2.7
Aroclor-1016-2	4.888	4.795	4.995	500.200	500.000	0.0
Aroclor-1016-3	5.065	4.973	5.173	501.030	500.000	0.2
Aroclor-1016-4	5.107	5.015	5.215	509.210	500.000	1.8
Aroclor-1016-5	5.320	5.229	5.429	499.920	500.000	0.0
Aroclor-1260-1	6.351	6.264	6.464	477.270	500.000	-4.5
Aroclor-1260-2	6.540	6.453	6.653	456.590	500.000	-8.7
Aroclor-1260-3	6.691	6.606	6.806	481.590	500.000	-3.7
Aroclor-1260-4	7.162	7.077	7.277	471.910	500.000	-5.6
Aroclor-1260-5	7.404	7.319	7.519	458.110	500.000	-8.4
Decachlorobiphenyl	8.799	8.723	8.923	58.210	50.000	16.4
Tetrachloro-m-xylene	3.791	3.691	3.891	51.020	50.000	2.0

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Continuing Calib Date: 06/16/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 19:15 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.00
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.24	7.25	7.15	7.35	0.01
Aroclor-1260-2	(2)	7.49	7.50	7.40	7.60	0.01
Aroclor-1260-3	(3)	7.85	7.86	7.76	7.96	0.01
Aroclor-1260-4	(4)	8.07	8.09	7.99	8.19	0.02
Aroclor-1260-5	(5)	8.39	8.40	8.30	8.50	0.01
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.01
Decachlorobiphenyl		10.19	10.21	10.11	10.31	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Continuing Calib Date: 06/16/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 19:15 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.69	6.71	6.61	6.81	0.02
Aroclor-1260-4	(4)	7.16	7.18	7.08	7.28	0.02
Aroclor-1260-5	(5)	7.40	7.42	7.32	7.52	0.02
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.82	8.72	8.92	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

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

Client Sample No.: CCAL03 Date Analyzed: 06/16/2025

Lab Sample No.: AR1660CCC500 Data File : PP072984.D Time Analyzed: 19:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.647	5.552	5.752	422.260	500.000	-15.5
Aroclor-1016-2	5.668	5.574	5.774	451.220	500.000	-9.8
Aroclor-1016-3	5.730	5.636	5.836	459.870	500.000	-8.0
Aroclor-1016-4	5.828	5.734	5.934	475.900	500.000	-4.8
Aroclor-1016-5	6.119	6.027	6.227	457.290	500.000	-8.5
Aroclor-1260-1	7.236	7.147	7.347	425.990	500.000	-14.8
Aroclor-1260-2	7.490	7.401	7.601	413.520	500.000	-17.3
Aroclor-1260-3	7.847	7.760	7.960	422.080	500.000	-15.6
Aroclor-1260-4	8.071	7.985	8.185	437.620	500.000	-12.5
Aroclor-1260-5	8.389	8.303	8.503	438.940	500.000	-12.2
Decachlorobiphenyl	10.187	10.113	10.313	54.380	50.000	8.8
Tetrachloro-m-xylene	4.495	4.396	4.596	47.560	50.000	-4.9

CALIBRATION VERIFICATION SUMMARY

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

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

Client Sample No.: CCAL03 Date Analyzed: 06/16/2025

Lab Sample No.: AR1660CCC500 Data File : PP072984.D Time Analyzed: 19:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.871	4.777	4.977	493.000	500.000	-1.4
Aroclor-1016-2	4.888	4.795	4.995	515.350	500.000	3.1
Aroclor-1016-3	5.065	4.973	5.173	517.980	500.000	3.6
Aroclor-1016-4	5.107	5.015	5.215	525.960	500.000	5.2
Aroclor-1016-5	5.320	5.229	5.429	528.430	500.000	5.7
Aroclor-1260-1	6.351	6.264	6.464	524.870	500.000	5.0
Aroclor-1260-2	6.540	6.453	6.653	505.380	500.000	1.1
Aroclor-1260-3	6.692	6.606	6.806	528.820	500.000	5.8
Aroclor-1260-4	7.162	7.077	7.277	515.740	500.000	3.1
Aroclor-1260-5	7.404	7.319	7.519	508.570	500.000	1.7
Decachlorobiphenyl	8.800	8.723	8.923	65.200	50.000	30.4
Tetrachloro-m-xylene	3.791	3.691	3.891	51.520	50.000	3.0

Analytical Sequence

Client: First Environment, Inc.	SDG No.: Q2320
Project: EDGEW001 – Veterans Field Edgewater, NJ	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 05/19/2025 05/19/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	05/19/2025	09:26	PP072163.D	10.21	4.50
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	10.21	4.50
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	10.21	4.50
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	10.21	4.50
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	10.21	4.50
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	10.21	4.50
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	10.21	4.50
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	10.21	4.50
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	10.22	4.50
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	10.21	4.50
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	10.22	4.50
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	10.21	4.50
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	10.22	4.50
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	10.22	4.50
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	10.22	4.51
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	10.21	4.50
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	10.22	4.50
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	10.22	4.51
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	10.21	4.50
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	10.22	4.50
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	10.22	4.50
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	10.21	4.50
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	10.22	4.50
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	10.22	4.50
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	10.22	4.50
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	10.22	4.50
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	10.22	4.50
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	10.22	4.50
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	10.22	4.50
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	10.22	4.51
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	10.22	4.50
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	10.21	4.50
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	10.22	4.50
AR1660CCC500	AR1660CCC500	06/16/2025	10:28	PP072958.D	10.20	4.50
IBLK	IBLK	06/16/2025	11:37	PP072962.D	10.19	4.50
PB168483BS	PB168483BS	06/16/2025	12:12	PP072964.D	10.19	4.50
WC	Q2320-01	06/16/2025	13:49	PP072970.D	10.19	4.50
AR1660CCC500	AR1660CCC500	06/16/2025	15:21	PP072973.D	10.19	4.50
IBLK	IBLK	06/16/2025	16:26	PP072977.D	10.19	4.50
PB168483BL	PB168483BL	06/16/2025	16:42	PP072978.D	10.19	4.50
CL-01-061325MS	Q2322-01MS	06/16/2025	17:15	PP072980.D	10.19	4.49
CL-01-061325MSD	Q2322-01MSD	06/16/2025	17:32	PP072981.D	10.19	4.50

Analytical Sequence

AR1660CCC500	AR1660CCC500	06/16/2025	19:15	PP072984.D	10.19	4.50
I.BLK	I.BLK	06/16/2025	20:38	PP072988.D	10.19	4.50

Analytical Sequence

Client: First Environment, Inc.	SDG No.: Q2320
Project: EDGEW001 – Veterans Field Edgewater, NJ	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/19/2025 05/19/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	05/19/2025	09:26	PP072163.D	8.82	3.79
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	8.82	3.79
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	8.82	3.79
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	8.82	3.79
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	8.82	3.79
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	8.82	3.79
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	8.82	3.79
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	8.82	3.80
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	8.82	3.80
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	8.82	3.80
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	8.82	3.80
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	8.83	3.80
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	8.83	3.80
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	8.83	3.80
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	8.83	3.80
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	8.83	3.80
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	8.83	3.80
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	8.83	3.80
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	8.83	3.80
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	8.83	3.80
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	8.83	3.80
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	8.83	3.80
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	8.83	3.80
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	8.83	3.80
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	8.83	3.80
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	8.83	3.80
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	8.83	3.80
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	8.82	3.80
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	8.82	3.80
AR1660CCC500	AR1660CCC500	06/16/2025	10:28	PP072958.D	8.80	3.79
IBLK	IBLK	06/16/2025	11:37	PP072962.D	8.80	3.79
PB168483BS	PB168483BS	06/16/2025	12:12	PP072964.D	8.80	3.79
WC	Q2320-01	06/16/2025	13:49	PP072970.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/16/2025	15:21	PP072973.D	8.80	3.79
IBLK	IBLK	06/16/2025	16:26	PP072977.D	8.80	3.79
PB168483BL	PB168483BL	06/16/2025	16:42	PP072978.D	8.80	3.79
CL-01-061325MS	Q2322-01MS	06/16/2025	17:15	PP072980.D	8.80	3.79
CL-01-061325MSD	Q2322-01MSD	06/16/2025	17:32	PP072981.D	8.80	3.79

Analytical Sequence

AR1660CCC500	AR1660CCC500	06/16/2025	19:15	PP072984.D	8.80	3.79
I.BLK	I.BLK	06/16/2025	20:38	PP072988.D	8.80	3.79

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168483BS

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Lab Sample ID: PB168483BS Date(s) Analyzed: 06/16/2025 06/16/2025

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 PP072964.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.649	5.599	5.699	116	125	5.45
COLUMN 1	2	5.671	5.621	5.721	127		
	3	5.733	5.683	5.783	126		
	4	5.83	5.78	5.88	132		
	5	6.122	6.072	6.172	123		
	1	4.872	4.822	4.922	127		
COLUMN 2	2	4.89	4.84	4.94	134	132	
	3	5.066	5.016	5.116	134		
	4	5.108	5.058	5.158	135		
	5	5.322	5.272	5.372	129		
Aroclor-1260	1	7.239	7.189	7.289	131	122	15.85
COLUMN 1	2	7.493	7.443	7.543	127		
	3	7.85	7.8	7.9	112		
	4	8.074	8.024	8.124	120		
	5	8.393	8.343	8.443	120		
	1	6.352	6.302	6.402	149		
COLUMN 2	2	6.54	6.49	6.59	144	143	
	3	6.692	6.642	6.742	153		
	4	7.162	7.112	7.212	135		
	5	7.405	7.355	7.455	133		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

WC

Contract: FIRS02

Lab Code: CHEM Case No.: Q2320 SAS No.: Q2320 SDG NO.: Q2320

Lab Sample ID: Q2320-01 Date(s) Analyzed: 06/16/2025 06/16/2025

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 PP072970.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1248	1	5.649	5.599	5.699	131	219	1.36
COLUMN 1	2	5.919	5.869	5.969	256		
	3	6.12	6.07	6.17	261		
	4	6.52	6.47	6.57	202		
	5	6.559	6.509	6.609	243		
	1	4.871	4.821	4.921	148		
COLUMN 2	2	5.107	5.057	5.157	260	222	
	3	5.149	5.099	5.199	229		
	4	5.321	5.271	5.371	234		
	5	5.712	5.662	5.762	239		
	Aroclor-1254	1	6.496	6.446	6.546		225
COLUMN 1	2	6.713	6.663	6.763	220		
	3	7.077	7.027	7.127	193		
	4	7.357	7.307	7.407	132		
	5	7.773	7.723	7.823	171		
	1	5.671	5.621	5.721	280	175	
COLUMN 2	2	5.82	5.77	5.87	182		
	3	6.223	6.173	6.273	231		
	4	6.48	6.43	6.53	34.1		
	5	6.866	6.816	6.916	148		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

CL-01-061325MS

Contract: FIRS02

Lab Code: CHEM

Case No.: Q2320

SAS No.: Q2320

SDG NO.: Q2320

Lab Sample ID: Q2322-01MS

Date(s) Analyzed: 06/16/2025

06/16/2025

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 PP072980.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.646	5.596	5.696	117	137	2.88
COLUMN 1	2	5.668	5.618	5.718	127		
	3	5.729	5.679	5.779	124		
	4	5.827	5.777	5.877	147		
	5	6.116	6.066	6.166	167		
	1	4.871	4.821	4.921	144		
COLUMN 2	2	4.888	4.838	4.938	141	141	
	3	5.065	5.015	5.115	141		
	4	5.107	5.057	5.157	142		
	5	5.321	5.271	5.371	139		
Aroclor-1260	1	7.236	7.186	7.286	138	122	13.03
COLUMN 1	2	7.489	7.439	7.539	138		
	3	7.848	7.798	7.898	103		
	4	8.07	8.02	8.12	121		
	5	8.389	8.339	8.439	112		
	1	6.352	6.302	6.402	149	139	
COLUMN 2	2	6.54	6.49	6.59	133		
	3	6.691	6.641	6.741	146		
	4	7.162	7.112	7.212	138		
	5	7.404	7.354	7.454	128		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

CL-01-061325MSD

Contract: FIRS02

Lab Code: CHEM

Case No.: Q2320

SAS No.: Q2320

SDG NO.: Q2320

Lab Sample ID: Q2322-01MSD

Date(s) Analyzed: 06/16/2025

06/16/2025

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 PP072981.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.648	5.598	5.698	130	148	7.17
COLUMN 1	2	5.67	5.62	5.72	139		
	3	5.732	5.682	5.782	139		
	4	5.829	5.779	5.879	158		
	5	6.119	6.069	6.169	173		
	1	4.87	4.82	4.92	164		
COLUMN 2	2	4.888	4.838	4.938	157	159	
	3	5.064	5.014	5.114	158		
	4	5.106	5.056	5.156	162		
	5	5.32	5.27	5.37	156		
Aroclor-1260	1	7.238	7.188	7.288	154	131	17.42
COLUMN 1	2	7.492	7.442	7.542	141		
	3	7.85	7.8	7.9	109		
	4	8.072	8.022	8.122	128		
	5	8.392	8.342	8.442	121		
	1	6.351	6.301	6.401	178		
COLUMN 2	2	6.539	6.489	6.589	153	156	
	3	6.691	6.641	6.741	160		
	4	7.161	7.111	7.211	147		
	5	7.403	7.353	7.453	144		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061625\
 Data File : PP072970.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 13:49
 Operator : YP\AJ
 Sample : Q2320-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

WC

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 01:45:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 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...	4.496	3.791	35572138	30952271	17.691m	19.365
2) SA Decachlor...	10.191	8.800	27642758	22473662	16.968m	21.230m#
Target Compounds						
21) L5 AR-1248-1	5.649	4.871	16860505	17084034	348.390	394.354m
22) L5 AR-1248-2	5.919	5.107	41399130	39189745	682.703	693.902
23) L5 AR-1248-3	6.120	5.149	46058104	36073892	695.951m	610.314
24) L5 AR-1248-4	6.520	5.321	46938026	43384448	537.097	622.867
25) L5 AR-1248-5	6.559	5.712	53792867	44454714	647.906	637.440
26) L6 AR-1254-1	6.496	5.671	51568794	74534901	599.614	745.690
27) L6 AR-1254-2	6.713	5.820	76668114	41764155	586.698	483.903
28) L6 AR-1254-3	7.077	6.223	67862911	79309573	514.101	616.616
29) L6 AR-1254-4	7.357	6.480	46034775	7751627	352.728	90.879 #
30) L6 AR-1254-5	7.773	6.866	50694198	44719906	455.692	394.524

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061625\
Data File : PP072970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2025 13:49
Operator : YP\AJ
Sample : Q2320-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

WC

Manual Integrations

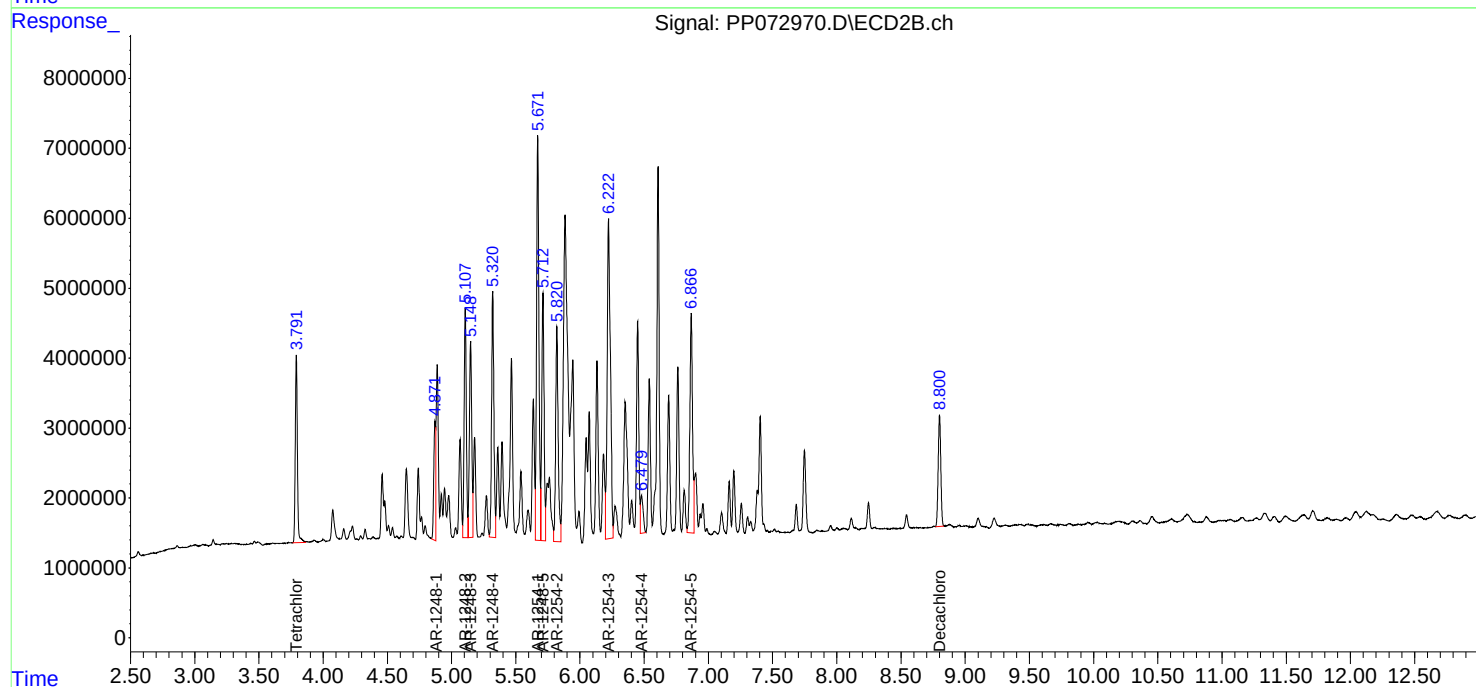
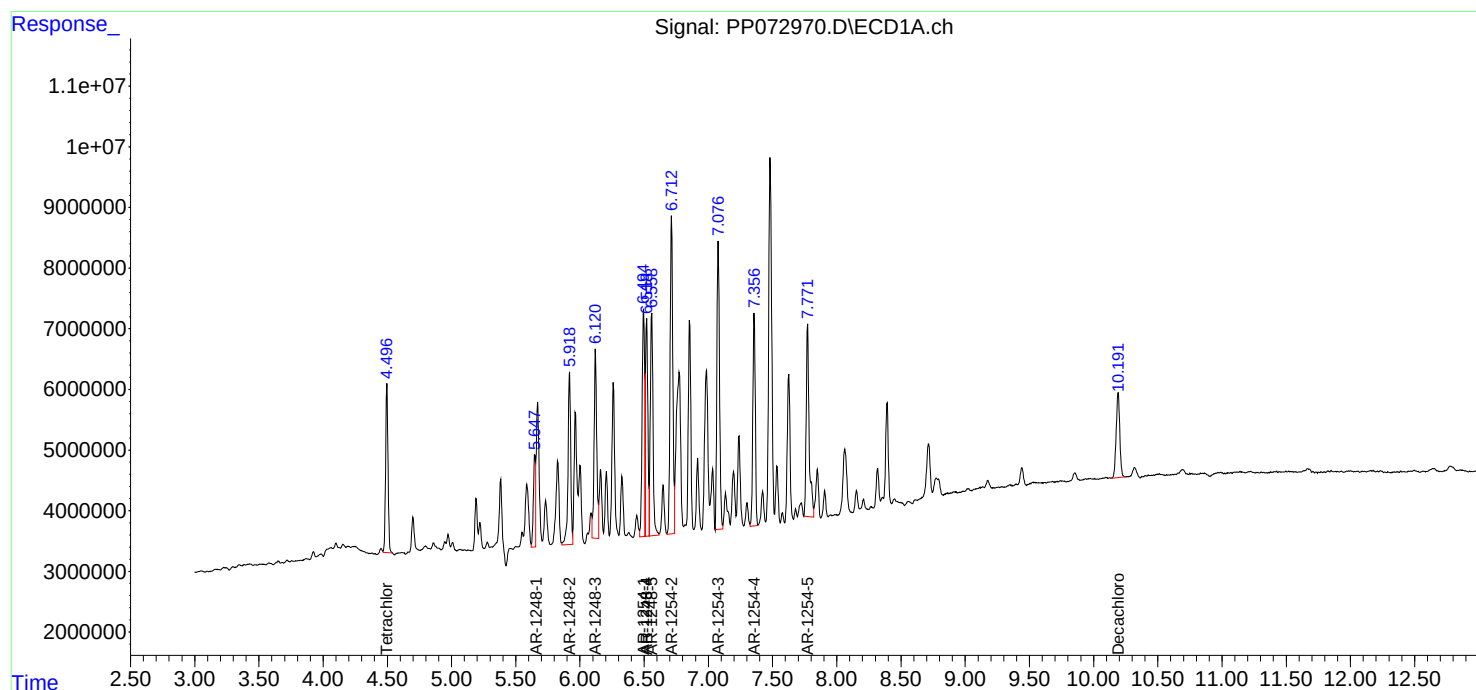
APPROVED

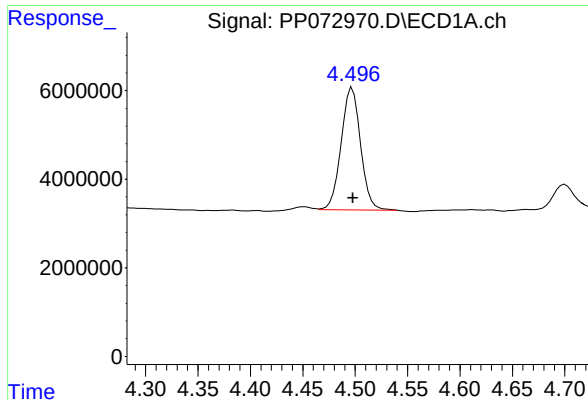
Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 01:45:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 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





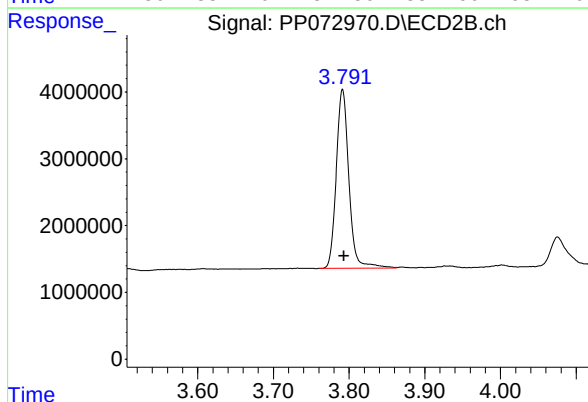
#1 Tetrachloro-m-xylene

R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 35572138
Conc: 17.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
WC

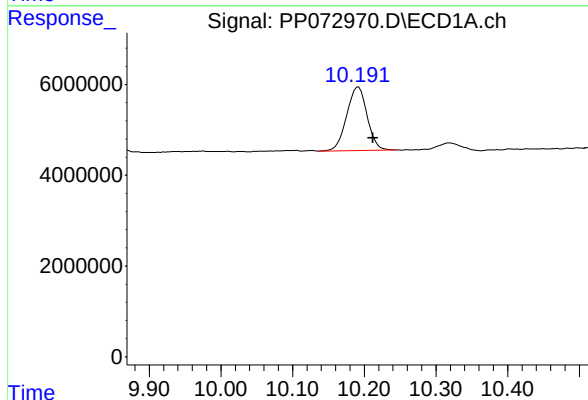
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/18/2025



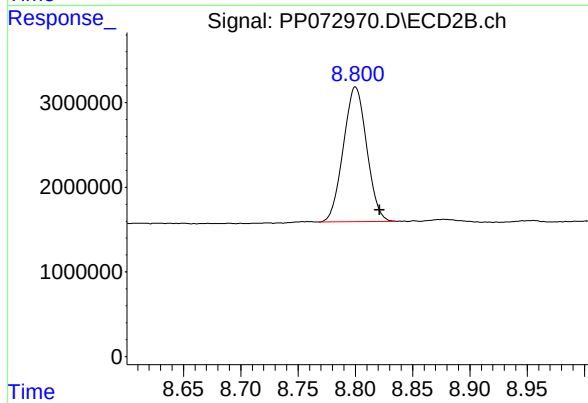
#1 Tetrachloro-m-xylene

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 30952271
Conc: 19.37 ng/ml



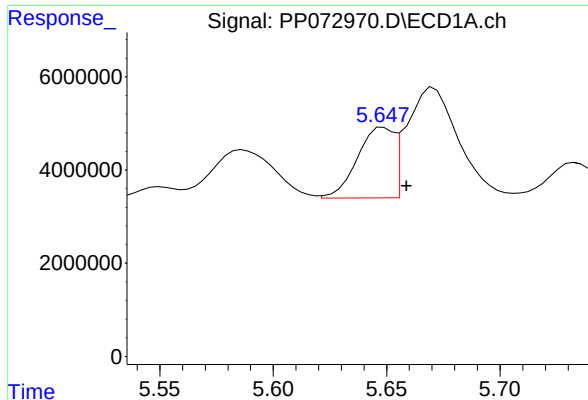
#2 Decachlorobiphenyl

R.T.: 10.191 min
Delta R.T.: -0.021 min
Response: 27642758
Conc: 16.97 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.800 min
Delta R.T.: -0.021 min
Response: 22473662
Conc: 21.23 ng/ml m



#21 AR-1248-1

R.T.: 5.649 min
Delta R.T.: -0.010 min
Response: 16860505
Conc: 348.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
WC

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/18/2025

#21 AR-1248-1

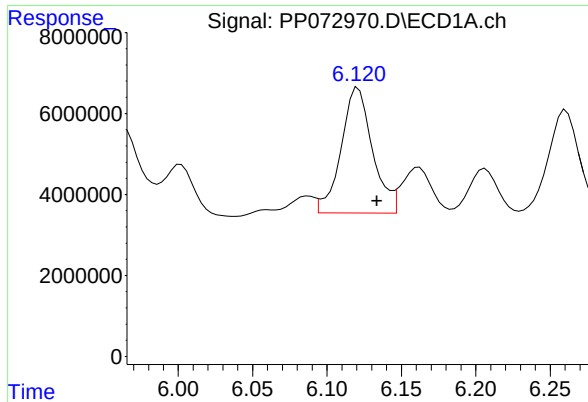
R.T.: 4.871 min
Delta R.T.: -0.010 min
Response: 17084034
Conc: 394.35 ng/ml m

#22 AR-1248-2

R.T.: 5.919 min
Delta R.T.: -0.012 min
Response: 41399130
Conc: 682.70 ng/ml

#22 AR-1248-2

R.T.: 5.107 min
Delta R.T.: -0.011 min
Response: 39189745
Conc: 693.90 ng/ml



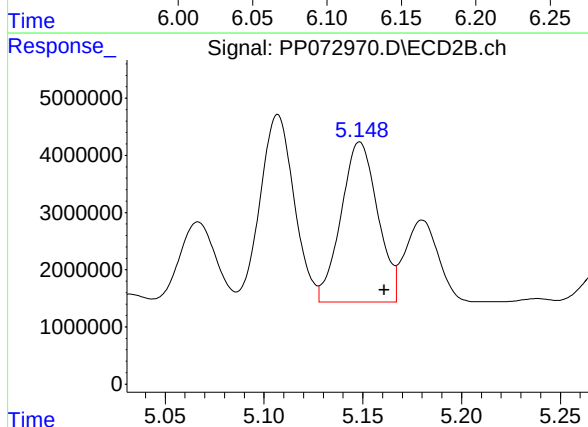
#23 AR-1248-3

R.T.: 6.120 min
Delta R.T.: -0.014 min
Response: 46058104
Conc: 695.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
WC

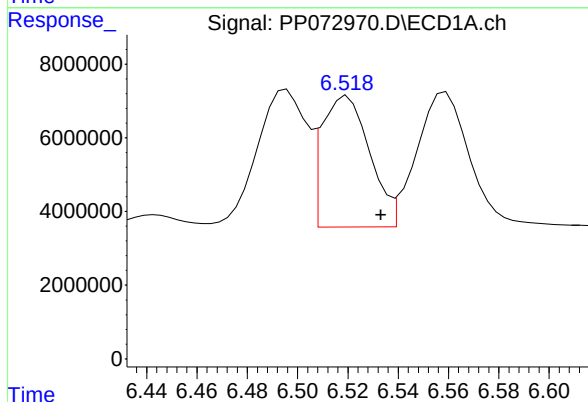
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/18/2025



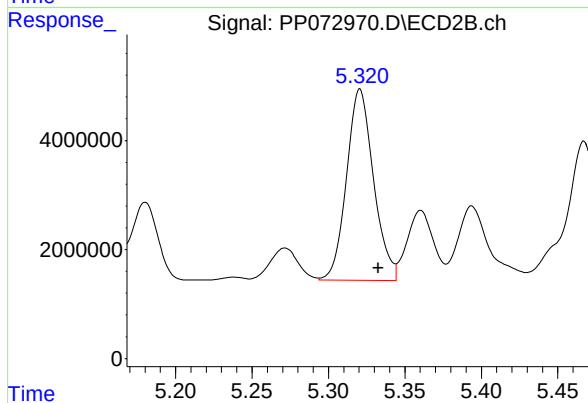
#23 AR-1248-3

R.T.: 5.149 min
Delta R.T.: -0.012 min
Response: 36073892
Conc: 610.31 ng/ml



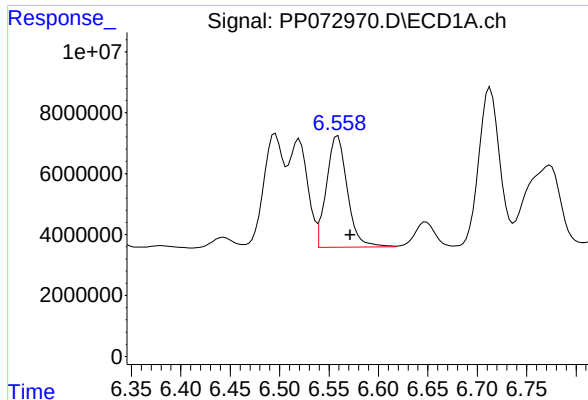
#24 AR-1248-4

R.T.: 6.520 min
Delta R.T.: -0.013 min
Response: 46938026
Conc: 537.10 ng/ml



#24 AR-1248-4

R.T.: 5.321 min
Delta R.T.: -0.012 min
Response: 43384448
Conc: 622.87 ng/ml



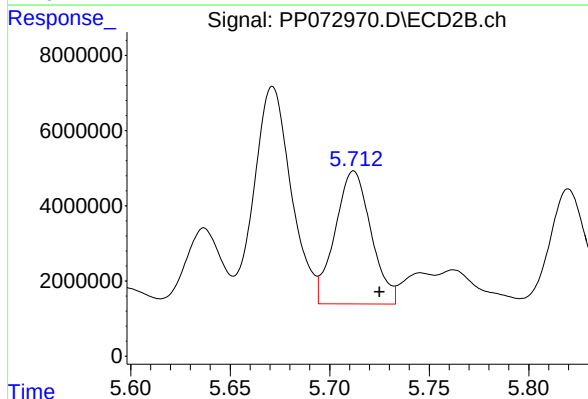
#25 AR-1248-5

R.T.: 6.559 min
Delta R.T.: -0.013 min
Response: 53792867
Conc: 647.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
WC

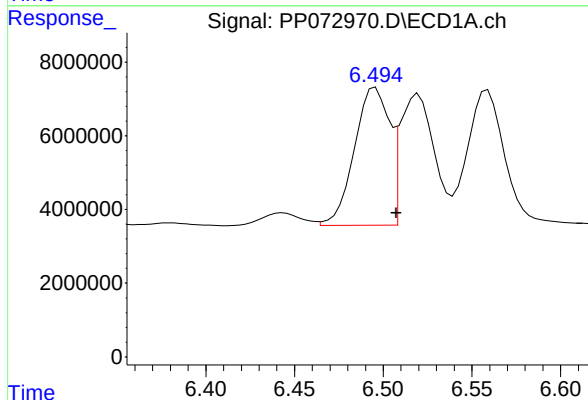
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/18/2025



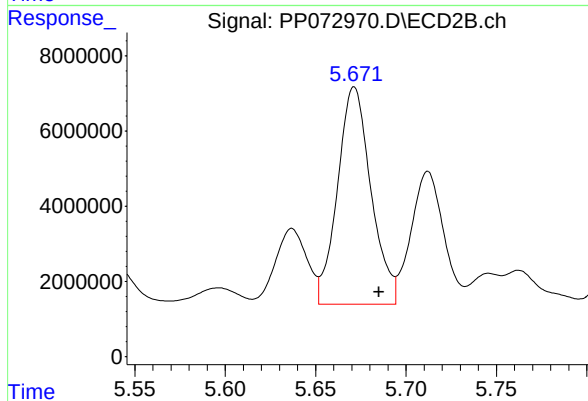
#25 AR-1248-5

R.T.: 5.712 min
Delta R.T.: -0.013 min
Response: 44454714
Conc: 637.44 ng/ml



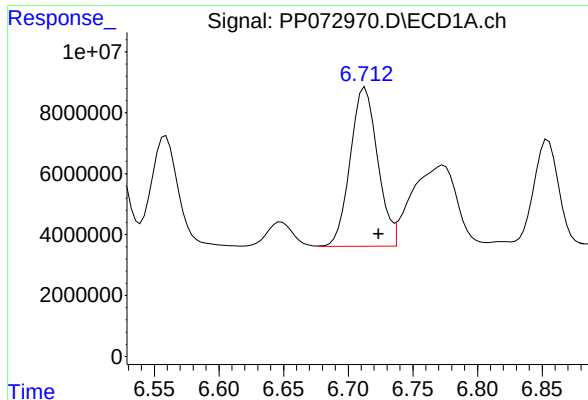
#26 AR-1254-1

R.T.: 6.496 min
Delta R.T.: -0.012 min
Response: 51568794
Conc: 599.61 ng/ml



#26 AR-1254-1

R.T.: 5.671 min
Delta R.T.: -0.014 min
Response: 74534901
Conc: 745.69 ng/ml



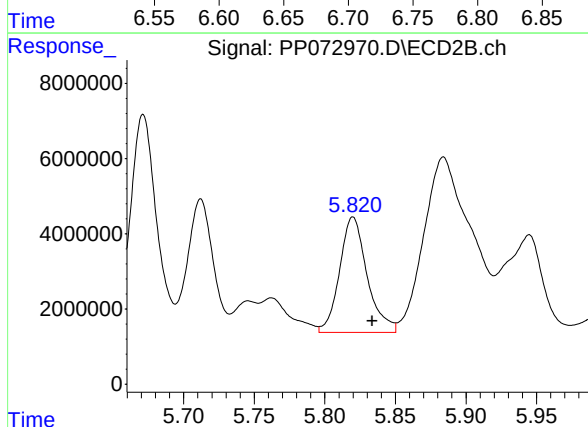
#27 AR-1254-2

R.T.: 6.713 min
Delta R.T.: -0.010 min
Response: 76668114
Conc: 586.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
WC

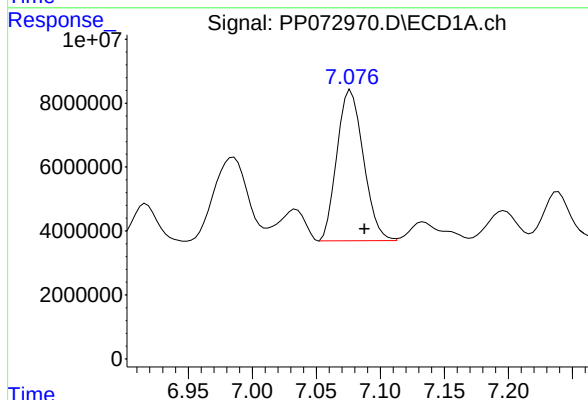
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/18/2025



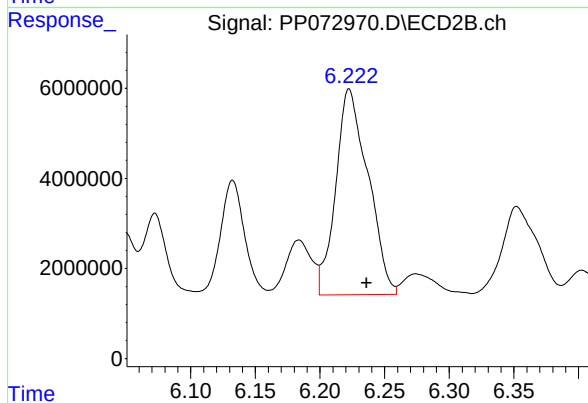
#27 AR-1254-2

R.T.: 5.820 min
Delta R.T.: -0.014 min
Response: 41764155
Conc: 483.90 ng/ml



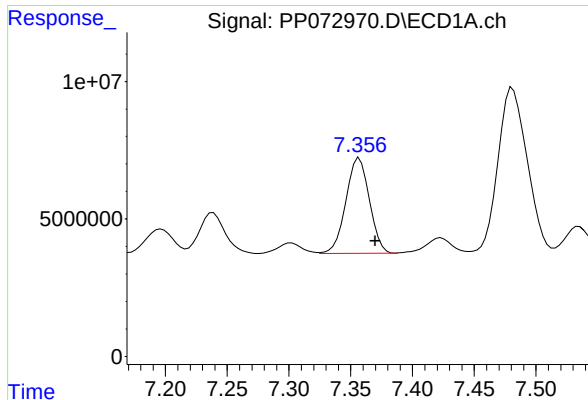
#28 AR-1254-3

R.T.: 7.077 min
Delta R.T.: -0.011 min
Response: 67862911
Conc: 514.10 ng/ml



#28 AR-1254-3

R.T.: 6.223 min
Delta R.T.: -0.014 min
Response: 79309573
Conc: 616.62 ng/ml



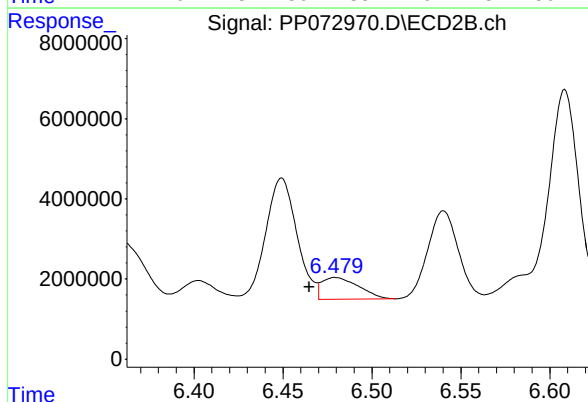
#29 AR-1254-4

R.T.: 7.357 min
 Delta R.T.: -0.013 min
 Response: 46034775
 Conc: 352.73 ng/ml

Instrument :
 ECD_P
 ClientSampleId :
 WC

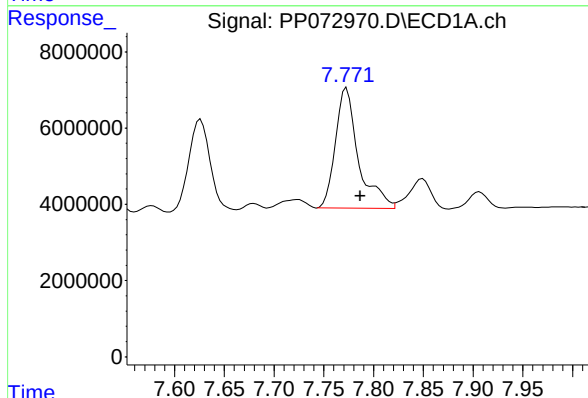
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025



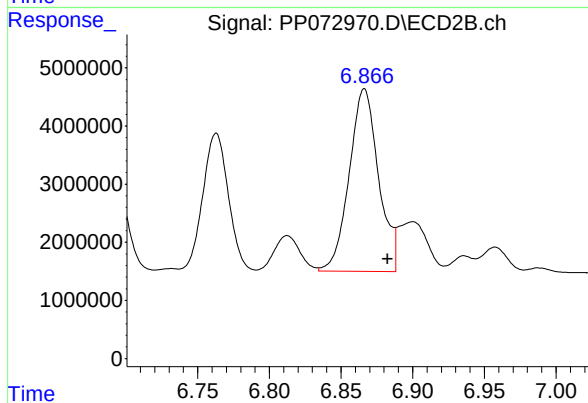
#29 AR-1254-4

R.T.: 6.480 min
 Delta R.T.: 0.015 min
 Response: 7751627
 Conc: 90.88 ng/ml



#30 AR-1254-5

R.T.: 7.773 min
 Delta R.T.: -0.014 min
 Response: 50694198
 Conc: 455.69 ng/ml



#30 AR-1254-5

R.T.: 6.866 min
 Delta R.T.: -0.016 min
 Response: 44719906
 Conc: 394.52 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061625\
 Data File : PP072978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 16:42
 Operator : YP\AJ
 Sample : PB168483BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168483BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 01:48:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 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...	4.497	3.791	39401406	34487207	19.595	21.577
2) SA Decachlor...	10.188	8.799	30214623	25439524	18.547m	24.031m#

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061625\
Data File : PP072978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2025 16:42
Operator : YP\AJ
Sample : PB168483BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB168483BL

Manual Integrations

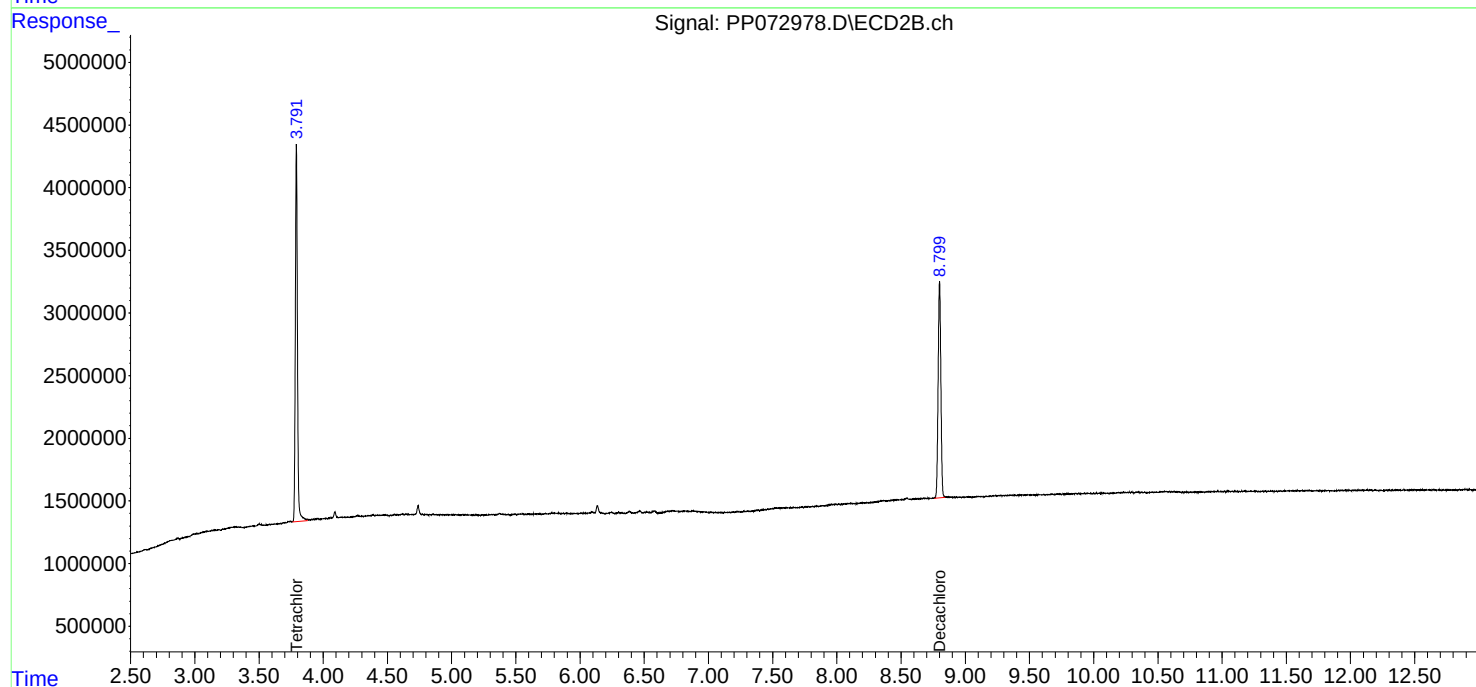
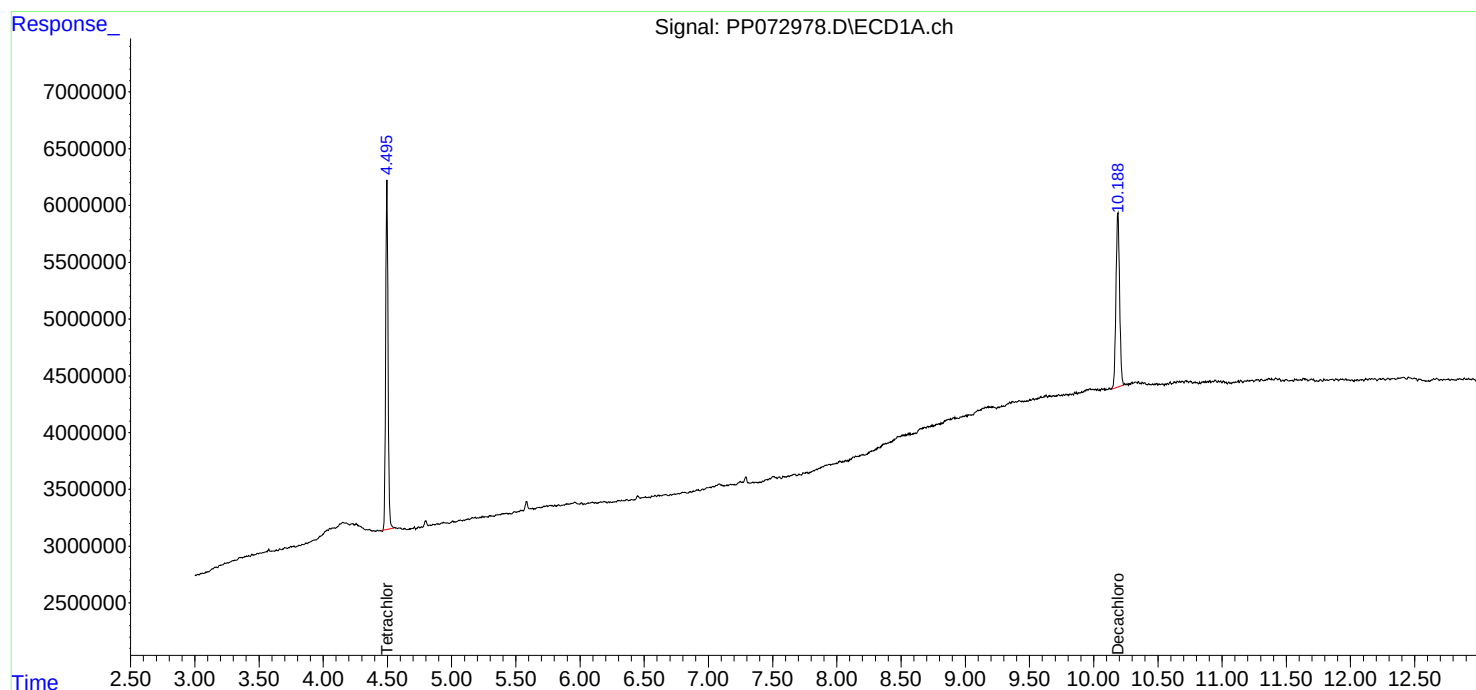
APPROVED

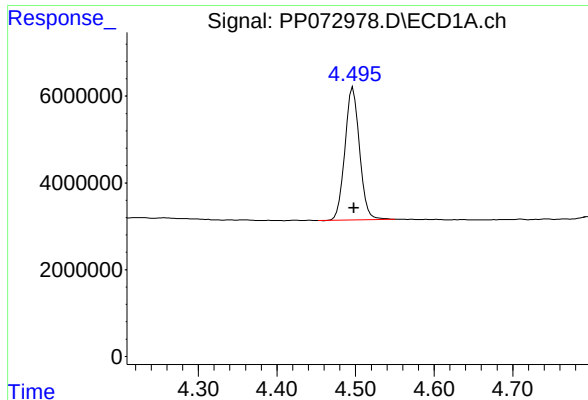
Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 01:48:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 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.: 4.497 min
Delta R.T.: -0.001 min
Response: 39401406
Conc: 19.59 ng/ml

Instrument :

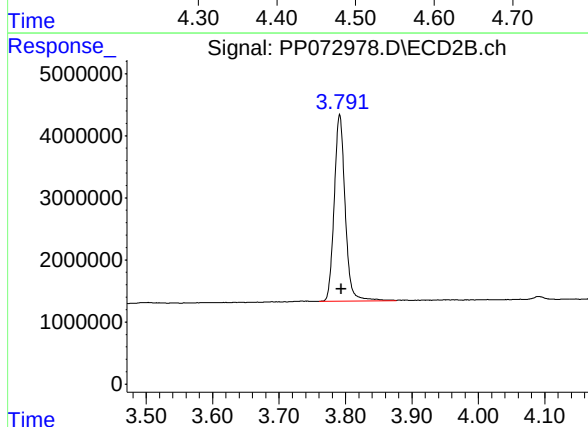
ECD_P

ClientSampleId :

PB168483BL

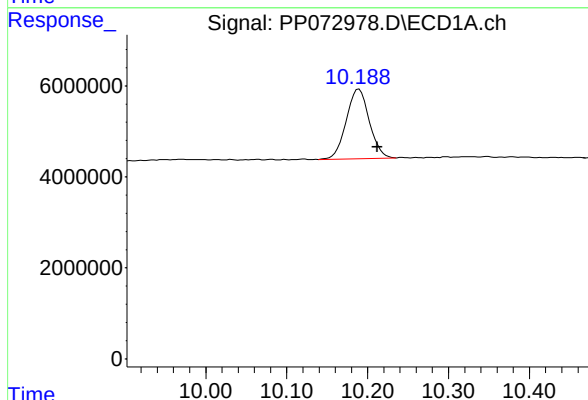
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/18/2025



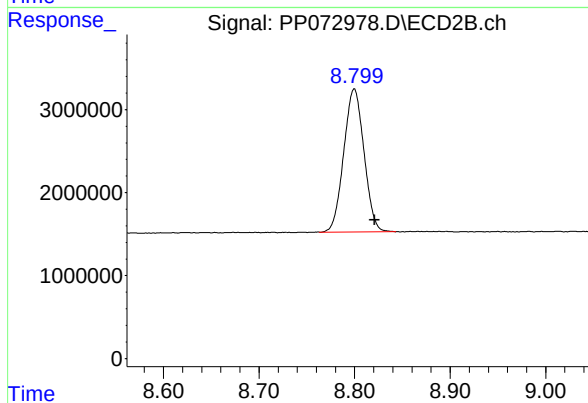
#1 Tetrachloro-m-xylene

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 34487207
Conc: 21.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.188 min
Delta R.T.: -0.024 min
Response: 30214623
Conc: 18.55 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.799 min
Delta R.T.: -0.022 min
Response: 25439524
Conc: 24.03 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061625\
 Data File : PP072964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 12:12
 Operator : YP\AJ
 Sample : PB168483BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB168483BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 12:26:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 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...	4.498	3.792	39691977	31328881	19.739	19.601
2) SA Decachlor...	10.190	8.800	33035154	26427778	20.278m	24.965m
Target Compounds						
3) L1 AR-1016-1	5.649	4.872	26067343	23454565	347.177	381.813
4) L1 AR-1016-2	5.671	4.890	40673903	35239436	380.160	401.409
5) L1 AR-1016-3	5.733	5.066	24824030	19118314	378.617	401.186
6) L1 AR-1016-4	5.830	5.108	21165869	15408286	397.332	404.998
7) L1 AR-1016-5	6.122	5.322	18122111	19262613	370.526	386.610
31) L7 AR-1260-1	7.239	6.352	36696107	35609215	392.074	446.490
32) L7 AR-1260-2	7.493	6.540	54652095	43823148	380.878	432.086
33) L7 AR-1260-3	7.850	6.692	38184793	39947040	335.334	459.677m#
34) L7 AR-1260-4	8.074	7.162	38694080	29247943	360.607	405.709
35) L7 AR-1260-5	8.393	7.405	85017283	69070461	359.235	397.816

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061625\
Data File : PP072964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2025 12:12
Operator : YP\AJ
Sample : PB168483BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB168483BS

Manual Integrations

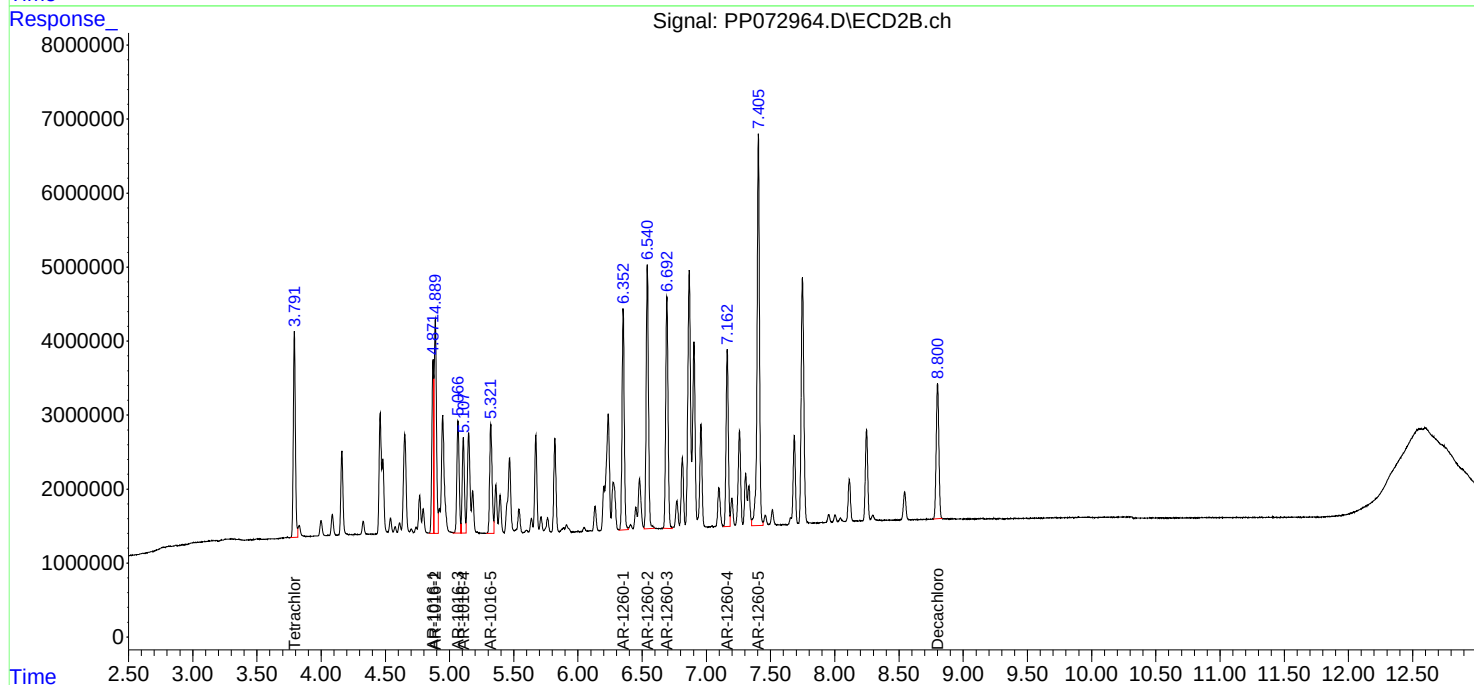
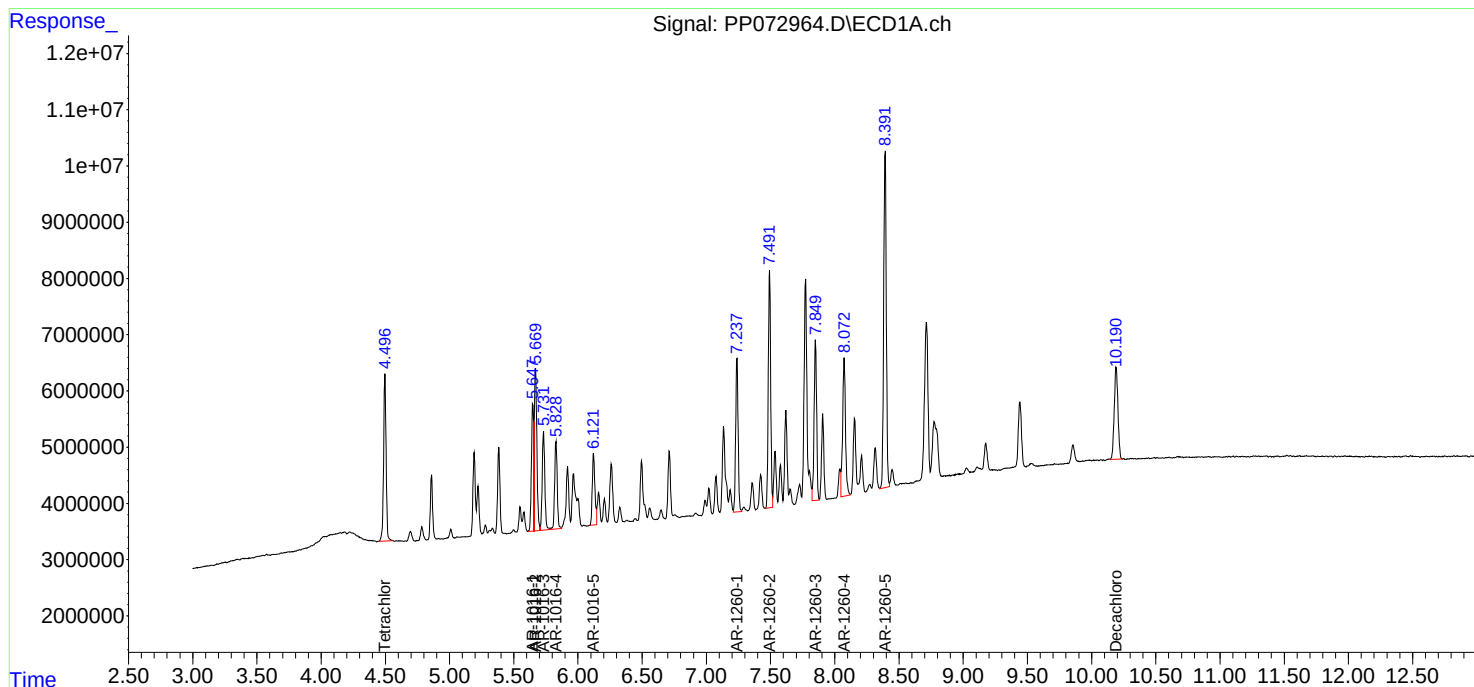
APPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 12:26:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 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\PP061625\
 Data File : PP072980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 17:15
 Operator : YP\AJ
 Sample : Q2322-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

CL-01-061325MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 01:48:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 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...	4.494	3.791	37245997	28567955	18.523m	17.873
2) SA Decachlor...	10.188	8.800	22270800	19184851	13.670m	18.123m#
Target Compounds						
3) L1 AR-1016-1	5.646	4.871	23062073	23148722	307.152	376.834
4) L1 AR-1016-2	5.668	4.888	35749603	32456446	334.134	369.708
5) L1 AR-1016-3	5.729	5.065	21409687	17642590	326.542	370.219
6) L1 AR-1016-4	5.827	5.107	20535816	14164562	385.504	372.308
7) L1 AR-1016-5	6.116	5.321	21484783	18121015	439.279m	363.697
31) L7 AR-1260-1	7.236	6.352	33904847	31173555	362.251	390.873
32) L7 AR-1260-2	7.489	6.540	51840755	35505985	361.286	350.081
33) L7 AR-1260-3	7.848	6.691	30765667	33200271	270.180	382.041m#
34) L7 AR-1260-4	8.070	7.162	34135596	26092606	318.125m	361.940
35) L7 AR-1260-5	8.389	7.404	69440177	58291100	293.415	335.732

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061625\
Data File : PP072980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2025 17:15
Operator : YP\AJ
Sample : Q2322-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

CL-01-061325MS

Manual Integrations

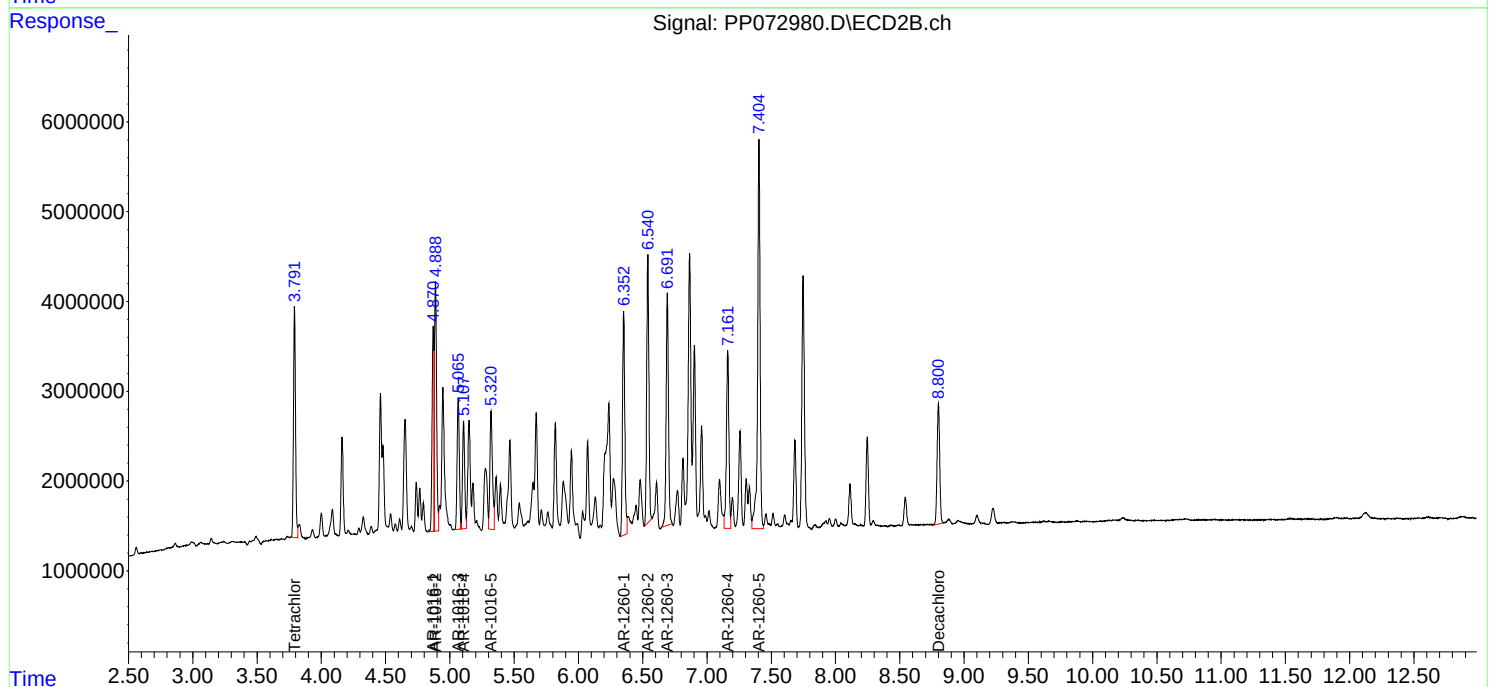
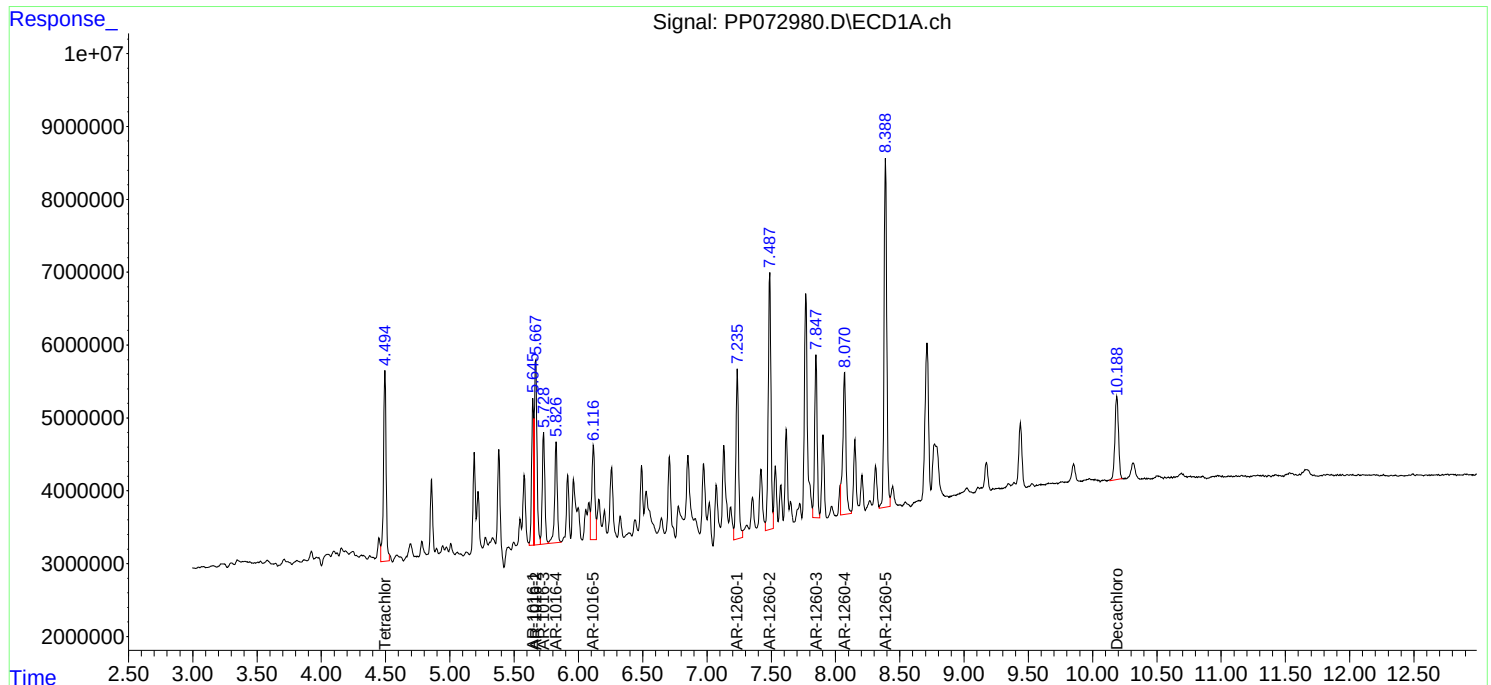
APPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 01:48:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 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\PP061625\
 Data File : PP072981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 17:32
 Operator : YP\AJ
 Sample : Q2322-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

CL-01-061325MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 01:49:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 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...	4.495	3.790	39755139	34022465	19.771m	21.286
2) SA Decachlor...	10.189	8.800	26753833	22777824	16.422m	21.517m#
Target Compounds						
3) L1 AR-1016-1	5.648	4.870	25692017	26394123	342.179	429.665 #
4) L1 AR-1016-2	5.670	4.888	39176301	36241286	366.162	412.821
5) L1 AR-1016-3	5.732	5.064	23976932	19815066	365.697	415.807
6) L1 AR-1016-4	5.829	5.106	22073231	16138411	414.365	424.189
7) L1 AR-1016-5	6.119	5.320	22246534	20397831	454.854m	409.394
31) L7 AR-1260-1	7.238	6.351	37850787	37320171	404.411	467.943
32) L7 AR-1260-2	7.492	6.539	53214191	40669657	370.857	400.994
33) L7 AR-1260-3	7.850	6.691	32559917	36477965	285.937	419.758m#
34) L7 AR-1260-4	8.072	7.161	36166469	27806434	337.051m	385.713
35) L7 AR-1260-5	8.392	7.403	75307762	65814705	318.208	379.065

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061625\
Data File : PP072981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2025 17:32
Operator : YP\AJ
Sample : Q2322-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

CL-01-061325MSD

Manual Integrations

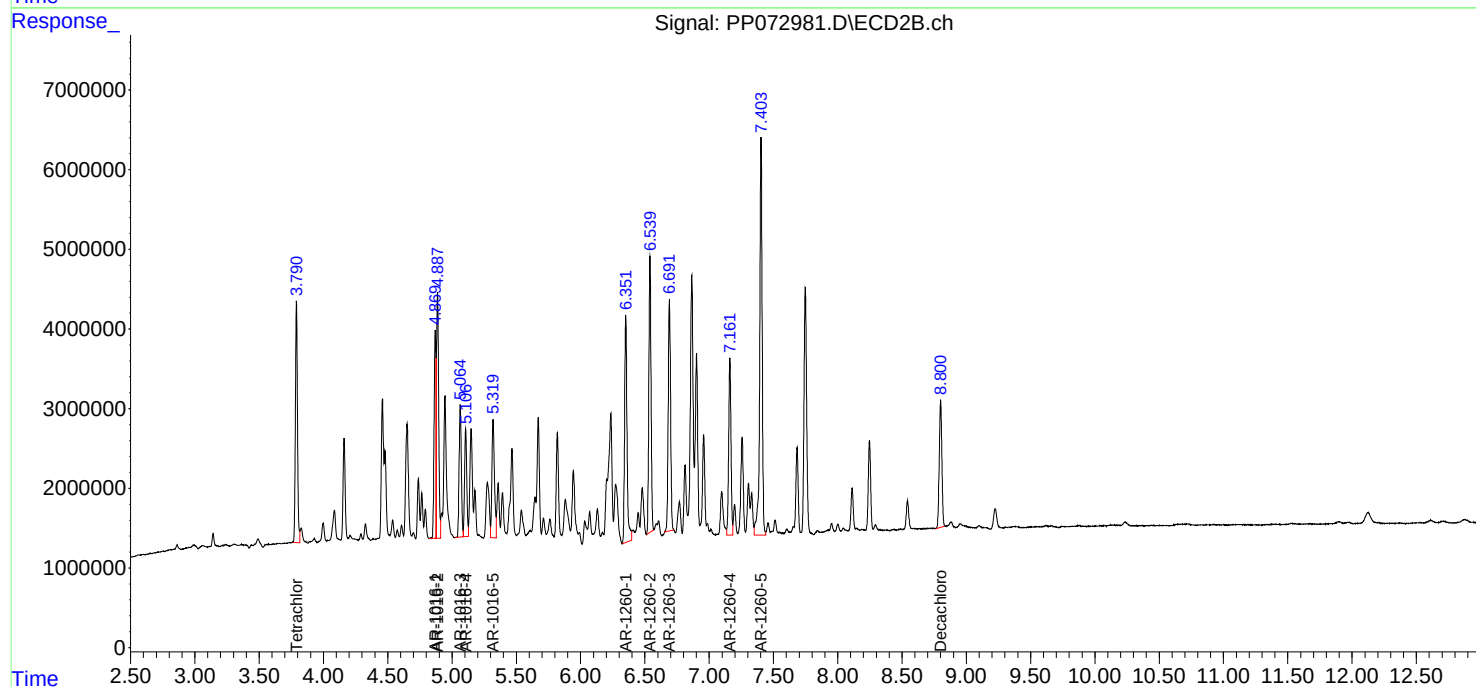
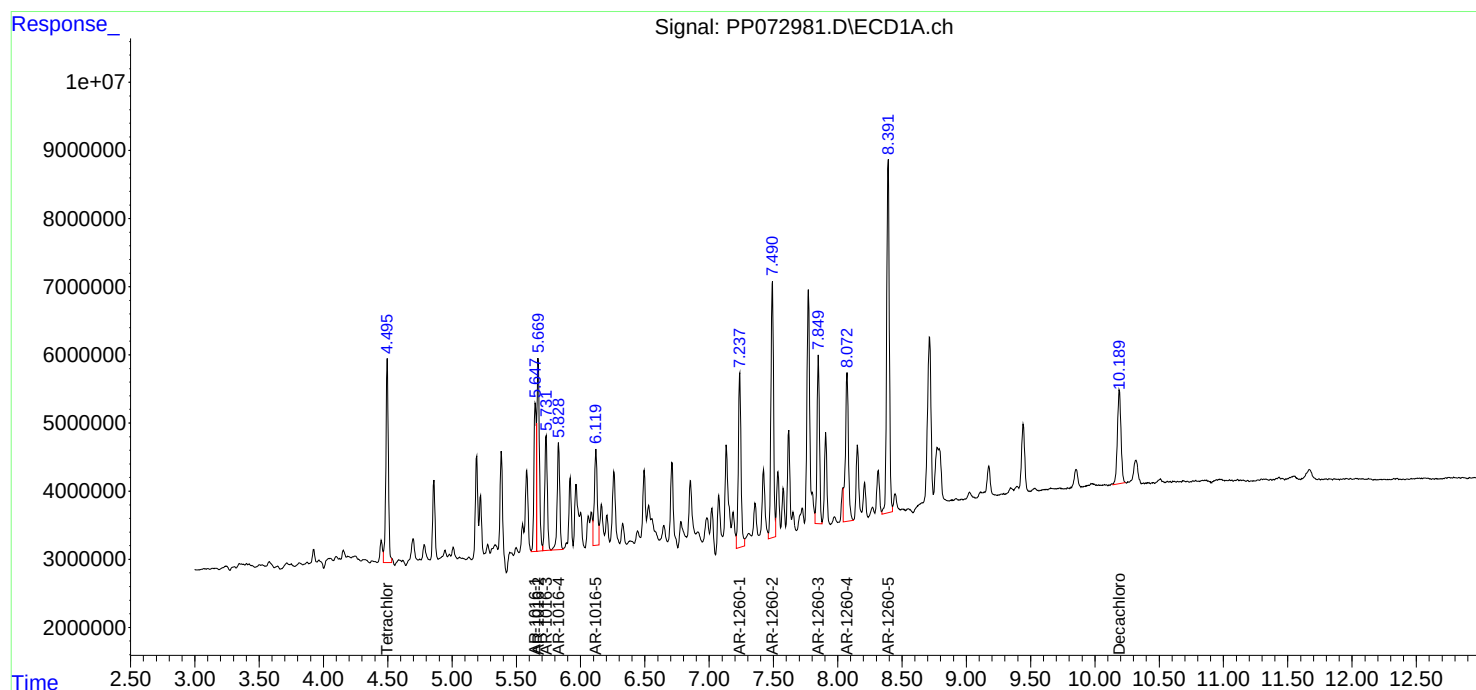
APPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 01:49:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 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:	PP051925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP072168.D	AR-1016-1	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-2	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-3	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-4	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1232ICC050	PP072174.D	AR-1232-3	yogesh	5/21/2025 8:50:30 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1232ICC050	PP072174.D	AR-1232-4	yogesh	5/21/2025 8:50:30 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-1	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-2	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-3	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-4	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-5	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-5 #2	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1248ICC050	PP072184.D	AR-1248-1	yogesh	5/20/2025 7:28:12 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software

Manual Integration Report

Sequence:

PP051925

Instrument

ECD_p

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

Manual Integration Report

Sequence:	PP061625	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP072958.D	AR-1260-3 #2	yogesh	6/17/2025 9:16:18 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072958.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:18 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072958.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:18 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1242CCC500	PP072959.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:20 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1242CCC500	PP072959.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:20 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072960.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:23 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072960.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:23 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072961.D	AR-1254-5	yogesh	6/17/2025 9:16:25 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072961.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:25 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072961.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:25 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
I.BLK	PP072962.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:29 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
I.BLK	PP072962.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:29 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
PB168483BS	PP072964.D	AR-1260-3 #2	yogesh	6/17/2025 9:16:33 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061625	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168483BS	PP072964.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:33 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
PB168483BS	PP072964.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:33 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2320-01	PP072970.D	AR-1248-1 #2	yogesh	6/17/2025 9:16:47 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2320-01	PP072970.D	AR-1248-3	yogesh	6/17/2025 9:16:47 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2320-01	PP072970.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:47 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2320-01	PP072970.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:47 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2320-01	PP072970.D	Tetrachloro-m-xylene	yogesh	6/17/2025 9:16:47 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072973.D	AR-1016-1	yogesh	6/17/2025 9:16:55 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072973.D	AR-1260-3	yogesh	6/17/2025 9:16:55 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072973.D	AR-1260-3 #2	yogesh	6/17/2025 9:16:55 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072973.D	AR-1260-4	yogesh	6/17/2025 9:16:55 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072973.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:55 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072973.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:55 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061625	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP072974.D	AR-1242-1	yogesh	6/17/2025 9:16:57 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1242CCC500	PP072974.D	AR-1242-1 #2	yogesh	6/17/2025 9:16:57 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1242CCC500	PP072974.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:57 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1242CCC500	PP072974.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:57 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072975.D	AR-1248-1	yogesh	6/17/2025 9:16:59 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072975.D	AR-1248-1 #2	yogesh	6/17/2025 9:16:59 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072975.D	Decachlorobiphenyl	yogesh	6/17/2025 9:16:59 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072975.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:16:59 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072976.D	AR-1254-1	yogesh	6/17/2025 9:17:01 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072976.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:01 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072976.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:01 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
I.BLK	PP072977.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:45 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
I.BLK	PP072977.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:45 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061625	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168483BL	PP072978.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:03 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
PB168483BL	PP072978.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:03 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MS	PP072980.D	AR-1016-5	yogesh	6/17/2025 9:17:08 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MS	PP072980.D	AR-1260-3 #2	yogesh	6/17/2025 9:17:08 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MS	PP072980.D	AR-1260-4	yogesh	6/17/2025 9:17:08 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MS	PP072980.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:08 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MS	PP072980.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:08 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MS	PP072980.D	Tetrachloro-m-xylene	yogesh	6/17/2025 9:17:08 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MSD	PP072981.D	AR-1016-5	yogesh	6/17/2025 9:17:10 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MSD	PP072981.D	AR-1260-3 #2	yogesh	6/17/2025 9:17:10 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MSD	PP072981.D	AR-1260-4	yogesh	6/17/2025 9:17:10 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MSD	PP072981.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:10 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
Q2322-01MSD	PP072981.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:10 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061625	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2322-01MSD	PP072981.D	Tetrachloro-m-xylene	yogesh	6/17/2025 9:17:10 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072984.D	AR-1260-3 #2	yogesh	6/17/2025 9:17:16 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072984.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:16 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1660CCC500	PP072984.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:16 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1242CCC500	PP072985.D	AR-1242-1 #2	yogesh	6/17/2025 9:17:18 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1242CCC500	PP072985.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:18 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1242CCC500	PP072985.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:18 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072986.D	AR-1248-1	yogesh	6/17/2025 9:17:19 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072986.D	AR-1248-1 #2	yogesh	6/17/2025 9:17:19 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072986.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:19 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1248CCC500	PP072986.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:19 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072987.D	AR-1254-1	yogesh	6/17/2025 9:17:21 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072987.D	AR-1254-4 #2	yogesh	6/17/2025 9:17:21 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software

Manual Integration Report

Sequence:

PP061625

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP072987.D	AR-1254-5	yogesh	6/17/2025 9:17:21 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072987.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:21 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
AR1254CCC500	PP072987.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:21 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
I.BLK	PP072988.D	Decachlorobiphenyl	yogesh	6/17/2025 9:17:24 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software
I.BLK	PP072988.D	Decachlorobiphenyl #2	yogesh	6/17/2025 9:17:24 AM	mohammad	6/18/2025 1:49:18	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

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

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

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

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

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061625

Review By	yogesh	Review On	6/16/2025 11:04:46 AM
Supervise By	mohammad	Supervise On	6/18/2025 1:49:18 AM
SubDirectory	PP061625	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072957.D	16 Jun 2025 09:49	YP\AJ	Ok
2	AR1660CCC500	PP072958.D	16 Jun 2025 10:28	YP\AJ	Ok,M
3	AR1242CCC500	PP072959.D	16 Jun 2025 10:48	YP\AJ	Ok,M
4	AR1248CCC500	PP072960.D	16 Jun 2025 11:04	YP\AJ	Ok,M
5	AR1254CCC500	PP072961.D	16 Jun 2025 11:21	YP\AJ	Ok,M
6	I.BLK	PP072962.D	16 Jun 2025 11:37	YP\AJ	Ok,M
7	PB168483BL	PP072963.D	16 Jun 2025 11:56	YP\AJ	Not Ok
8	PB168483BS	PP072964.D	16 Jun 2025 12:12	YP\AJ	Ok,M
9	Q2328-01	PP072965.D	16 Jun 2025 12:28	YP\AJ	Ok,M
10	Q2311-01	PP072966.D	16 Jun 2025 12:44	YP\AJ	Ok,M
11	Q2311-05	PP072967.D	16 Jun 2025 13:01	YP\AJ	Ok,M
12	Q2312-01	PP072968.D	16 Jun 2025 13:17	YP\AJ	Not Ok
13	Q2319-01	PP072969.D	16 Jun 2025 13:33	YP\AJ	Ok,M
14	Q2320-01	PP072970.D	16 Jun 2025 13:49	YP\AJ	Ok,M
15	Q2323-01	PP072971.D	16 Jun 2025 14:05	YP\AJ	Ok,M
16	Q2324-01	PP072972.D	16 Jun 2025 14:22	YP\AJ	Ok,M
17	AR1660CCC500	PP072973.D	16 Jun 2025 15:21	YP\AJ	Ok,M
18	AR1242CCC500	PP072974.D	16 Jun 2025 15:37	YP\AJ	Ok,M
19	AR1248CCC500	PP072975.D	16 Jun 2025 15:54	YP\AJ	Ok,M
20	AR1254CCC500	PP072976.D	16 Jun 2025 16:10	YP\AJ	Ok,M
21	I.BLK	PP072977.D	16 Jun 2025 16:26	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061625

Review By	yogesh	Review On	6/16/2025 11:04:46 AM
Supervise By	mohammad	Supervise On	6/18/2025 1:49:18 AM
SubDirectory	PP061625	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB168483BL	PP072978.D	16 Jun 2025 16:42	YP\AJ	Ok,M
23	Q2322-01	PP072979.D	16 Jun 2025 16:59	YP\AJ	Ok,M
24	Q2322-01MS	PP072980.D	16 Jun 2025 17:15	YP\AJ	Ok,M
25	Q2322-01MSD	PP072981.D	16 Jun 2025 17:32	YP\AJ	Ok,M
26	Q2325-01	PP072982.D	16 Jun 2025 17:48	YP\AJ	Ok,M
27	Q2312-01	PP072983.D	16 Jun 2025 18:04	YP\AJ	Ok,M
28	AR1660CCC500	PP072984.D	16 Jun 2025 19:15	YP\AJ	Ok,M
29	AR1242CCC500	PP072985.D	16 Jun 2025 19:48	YP\AJ	Ok,M
30	AR1248CCC500	PP072986.D	16 Jun 2025 20:05	YP\AJ	Ok,M
31	AR1254CCC500	PP072987.D	16 Jun 2025 20:21	YP\AJ	Ok,M
32	I.BLK	PP072988.D	16 Jun 2025 20:38	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P PP24345,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	PP072162.D	19 May 2025 09:09		YP\AJ	Ok
2	I.BLK	I.BLK	PP072163.D	19 May 2025 09:26		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP072164.D	19 May 2025 09:42		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP072165.D	19 May 2025 09:59		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP072166.D	19 May 2025 10:15		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP072167.D	19 May 2025 10:32		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP072168.D	19 May 2025 10:48		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP072169.D	19 May 2025 11:05		YP\AJ	Ok
9	AR1232ICC1000	AR1232ICC1000	PP072170.D	19 May 2025 11:21		YP\AJ	Ok
10	AR1232ICC750	AR1232ICC750	PP072171.D	19 May 2025 11:38		YP\AJ	Ok
11	AR1232ICC500	AR1232ICC500	PP072172.D	19 May 2025 11:54		YP\AJ	Ok
12	AR1232ICC250	AR1232ICC250	PP072173.D	19 May 2025 12:10		YP\AJ	Ok
13	AR1232ICC050	AR1232ICC050	PP072174.D	19 May 2025 12:27		YP\AJ	Ok,M
14	AR1242ICC1000	AR1242ICC1000	PP072175.D	19 May 2025 12:43		YP\AJ	Ok
15	AR1242ICC750	AR1242ICC750	PP072176.D	19 May 2025 12:59		YP\AJ	Ok
16	AR1242ICC500	AR1242ICC500	PP072177.D	19 May 2025 13:15		YP\AJ	Ok
17	AR1242ICC250	AR1242ICC250	PP072178.D	19 May 2025 13:32		YP\AJ	Ok
18	AR1242ICC050	AR1242ICC050	PP072179.D	19 May 2025 13:48		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

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

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM				
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM				
SubDirectory	PP051925	HP Acquire Method	HP Processing Method		PP051925		
STD. NAME		STD REF.#					
Tune/Reschk		PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369					
Initial Calibration Stds							
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,PP24387					

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

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061625

Review By	yogesh	Review On	6/16/2025 11:04:46 AM
Supervise By	mohammad	Supervise On	6/18/2025 1:49:18 AM
SubDirectory	PP061625	HP Acquire Method	HP Processing Method PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072957.D	16 Jun 2025 09:49		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP072958.D	16 Jun 2025 10:28		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP072959.D	16 Jun 2025 10:48		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP072960.D	16 Jun 2025 11:04		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP072961.D	16 Jun 2025 11:21		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP072962.D	16 Jun 2025 11:37		YP\AJ	Ok,M
7	PB168483BL	PB168483BL	PP072963.D	16 Jun 2025 11:56	Run with clean up sample	YP\AJ	Not Ok
8	PB168483BS	PB168483BS	PP072964.D	16 Jun 2025 12:12		YP\AJ	Ok,M
9	Q2328-01	CHRT25653	PP072965.D	16 Jun 2025 12:28	AR1254 + AR1260 Hit	YP\AJ	Ok,M
10	Q2311-01	TP03-MH2MH3-WC	PP072966.D	16 Jun 2025 12:44		YP\AJ	Ok,M
11	Q2311-05	TP04-MH4-WC	PP072967.D	16 Jun 2025 13:01		YP\AJ	Ok,M
12	Q2312-01	TP-1	PP072968.D	16 Jun 2025 13:17	Need cleanup	YP\AJ	Not Ok
13	Q2319-01	MH-B	PP072969.D	16 Jun 2025 13:33		YP\AJ	Ok,M
14	Q2320-01	WC	PP072970.D	16 Jun 2025 13:49	AR1254 + 1248 Hit	YP\AJ	Ok,M
15	Q2323-01	PL-01-06132025	PP072971.D	16 Jun 2025 14:05		YP\AJ	Ok,M
16	Q2324-01	HD-01-6132025	PP072972.D	16 Jun 2025 14:22		YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP072973.D	16 Jun 2025 15:21	AR1260 - 1,2 low in 1st column	YP\AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PP072974.D	16 Jun 2025 15:37		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061625

Review By	yogesh	Review On	6/16/2025 11:04:46 AM
Supervise By	mohammad	Supervise On	6/18/2025 1:49:18 AM
SubDirectory	PP061625	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PP072975.D	16 Jun 2025 15:54		YPIAJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP072976.D	16 Jun 2025 16:10		YPIAJ	Ok,M
21	I.BLK	I.BLK	PP072977.D	16 Jun 2025 16:26		YPIAJ	Ok,M
22	PB168483BL	PB168483BL	PP072978.D	16 Jun 2025 16:42		YPIAJ	Ok,M
23	Q2322-01	CL-01-061325	PP072979.D	16 Jun 2025 16:59		YPIAJ	Ok,M
24	Q2322-01MS	CL-01-061325MS	PP072980.D	16 Jun 2025 17:15		YPIAJ	Ok,M
25	Q2322-01MSD	CL-01-061325MSD	PP072981.D	16 Jun 2025 17:32		YPIAJ	Ok,M
26	Q2325-01	TP-8	PP072982.D	16 Jun 2025 17:48		YPIAJ	Ok,M
27	Q2312-01	TP-1	PP072983.D	16 Jun 2025 18:04		YPIAJ	Ok,M
28	AR1660CCC500	AR1660CCC500	PP072984.D	16 Jun 2025 19:15	DCB high in 2nd column	YPIAJ	Ok,M
29	AR1242CCC500	AR1242CCC500	PP072985.D	16 Jun 2025 19:48		YPIAJ	Ok,M
30	AR1248CCC500	AR1248CCC500	PP072986.D	16 Jun 2025 20:05	DCB high in 2nd column	YPIAJ	Ok,M
31	AR1254CCC500	AR1254CCC500	PP072987.D	16 Jun 2025 20:21	DCB high in 2nd column	YPIAJ	Ok,M
32	I.BLK	I.BLK	PP072988.D	16 Jun 2025 20:38		YPIAJ	Ok,M

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 06/16/2025

Matrix : Solid

Extraction Start Time : 08:25

Weigh By: EH

Extraction By: RJ

Extraction End Date : 06/16/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 11:25

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24461
Surrogate	1.0ML	200 PPB	PP24597
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	EP2622
Sand	N/A	E2865
Hexane	N/A	E3938
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

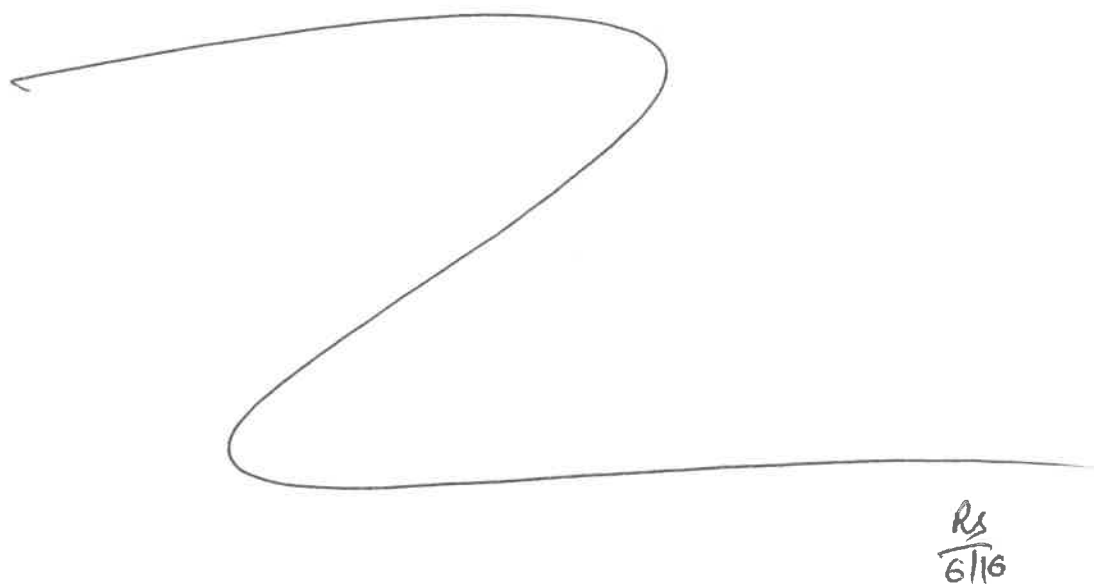
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/16/25	RS (Ext Lab)	Y.P. P. 0871 P. 03
11:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/16/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168483BL	ABLK483	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB168483BS	ALCS483	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2311-01	TP03-MH2MH3-WC	PCB	30.07	N/A	ritesh	Evelyn	10	D		3
Q2311-05	TP04-MH2MH3-WC	PCB	30.06	N/A	ritesh	Evelyn	10	D		4
Q2312-01	TP-1	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q2319-01	MH-B	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q2320-01	WC	PCB	30.04	N/A	ritesh	Evelyn	10	B		U2-1
Q2322-01	CL-01-061325	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q2322-01MS	CL-01-061325MS	PCB	30.03	N/A	ritesh	Evelyn	10	E		3
Q2322-01MS D	CL-01-061325MSD	PCB	30.05	N/A	ritesh	Evelyn	10	E		4
Q2323-01	PL-01-06132025	PCB	30.01	N/A	ritesh	Evelyn	10	E		5
Q2324-01	HD-01-6132025	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q2325-01	TP-8	PCB	30.04	N/A	ritesh	Evelyn	10	E		U3-1
Q2328-01	CHRT25653	PCB	30.07	N/A	ritesh	Evelyn	10	E		2



06/16/25
8:25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2311 WorkList ID : 190201 Department : Extraction Date : 06-16-2025 08:20:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2311-01	TP03-MH2MH3-WC	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/11/2025	8082A
Q2311-05	TP04-MH2MH3-WC	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/11/2025	8082A
Q2312-01	TP-1	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/13/2025	8082A
Q2319-01	MH-B	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/13/2025	8082A
Q2320-01	WC	Solid	PCB	Cool 4 deg C	FIRS02	D41	06/13/2025	8082A
Q2322-01	CL-01-061325	Solid	PCB	Cool 4 deg C	PSEG05	D41	06/13/2025	8082A
Q2323-01	PL-01-06132025	Solid	PCB	Cool 4 deg C	PSEG05	D41	06/13/2025	8082A
Q2324-01	HD-01-6132025	Solid	PCB	Cool 4 deg C	PSEG05	D41	06/13/2025	8082A
Q2325-01	TP-8	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/13/2025	8082A
Q2328-01	CHRT25653	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/13/2025	8082A

Date/Time 06/16/25 8:20
Raw Sample Received by: RS C-74-1046
Raw Sample Relinquished by: CP SN

Date/Time 06/16/25 8:45
Raw Sample Received by: CP SN
Raw Sample Relinquished by: RS C-74-1046



LAB CHRONICLE

OrderID:	Q2320	OrderDate:	6/13/2025 12:11:26 PM
Client:	First Environment, Inc.	Project:	EDGEW001 – Veterans Field Edgewater, NJ
Contact:	Ken Cwieka	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2320-01	WC	SOIL	PCB	8082A	06/13/25	06/16/25	06/16/25	06/13/25