



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

Hit Summary Sheet
SW-846

SDG No.:

P4258

Order ID:

P4258

Client:

Roman E&G Corp

Project ID:

Perth Amboy

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				Total Concentration:	0.000			



SAMPLE DATA

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	Chamberlain Ave	SDG No.:	P4258
Lab Sample ID:	P4258-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86
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
PP067446.D	1	10/02/24 08:30	10/02/24 23:15	PB163832

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	19.7	ug/kg
11104-28-2	Aroclor-1221	7.40	U	7.40	19.7	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.7	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.7	ug/kg
12672-29-6	Aroclor-1248	9.20	U	9.20	19.7	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	19.7	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	19.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.7	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	19.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.3		32 - 144	72%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.5		32 - 175	68%	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.: **P4258**

Client: **Roman E&G Corp**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP067251.D	PIBLK-PP067251.D	Tetrachloro-m-xylene	1	20	18.8	94		60	140
		Decachlorobiphenyl	1	20	21.3	106		60	140
		Tetrachloro-m-xylene	2	20	18.6	93		60	140
		Decachlorobiphenyl	2	20	21.2	106		60	140
I.BLK-PP067430.D	PIBLK-PP067430.D	Tetrachloro-m-xylene	1	20	16.2	81		60	140
		Decachlorobiphenyl	1	20	16.4	82		60	140
		Tetrachloro-m-xylene	2	20	16.0	80		60	140
		Decachlorobiphenyl	2	20	16.7	83		60	140
PB163832BL	PB163832BL	Tetrachloro-m-xylene	1	20	16.1	81		32	144
		Decachlorobiphenyl	1	20	16.8	84		32	175
		Tetrachloro-m-xylene	2	20	15.9	80		32	144
		Decachlorobiphenyl	2	20	16.3	81		32	175
PB163832BS	PB163832BS	Tetrachloro-m-xylene	1	20	17.4	87		32	144
		Decachlorobiphenyl	1	20	16.1	81		32	175
		Tetrachloro-m-xylene	2	20	17.3	86		32	144
		Decachlorobiphenyl	2	20	16.4	82		32	175
P4255-01MS	OR-03-100124MS	Tetrachloro-m-xylene	1	20	17.1	85		32	144
		Decachlorobiphenyl	1	20	13.5	68		32	175
		Tetrachloro-m-xylene	2	20	14.9	75		32	144
		Decachlorobiphenyl	2	20	12.3	62		32	175
P4255-01MSD	OR-03-100124MSD	Tetrachloro-m-xylene	1	20	17.3	87		32	144
		Decachlorobiphenyl	1	20	13.1	65		32	175
		Tetrachloro-m-xylene	2	20	14.9	75		32	144
		Decachlorobiphenyl	2	20	12.3	61		32	175
I.BLK-PP067445.D	PIBLK-PP067445.D	Tetrachloro-m-xylene	1	20	16.5	82		60	140
		Decachlorobiphenyl	1	20	16.1	81		60	140
		Tetrachloro-m-xylene	2	20	16.4	82		60	140
		Decachlorobiphenyl	2	20	16.5	82		60	140
P4258-03	Chamberlain Ave	Tetrachloro-m-xylene	1	20	14.3	72		32	144
		Decachlorobiphenyl	1	20	13.1	66		32	175
		Tetrachloro-m-xylene	2	20	14.2	71		32	144
		Decachlorobiphenyl	2	20	13.5	68		32	175
I.BLK-PP067456.D	PIBLK-PP067456.D	Tetrachloro-m-xylene	1	20	16.4	82		60	140
		Decachlorobiphenyl	1	20	16.5	83		60	140
		Tetrachloro-m-xylene	2	20	16.3	81		60	140
		Decachlorobiphenyl	2	20	16.7	84		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8082A

DataFile : PP067436.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	OR-03-100124MS											
P4255-01MS	AR1016	188.8	0	144	ug/kg	76				55	146	
	AR1260	188.8	0	116	ug/kg	61				45	144	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8082A

DataFile : PP067437.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	OR-03-100124MSD											
P4255-01MSD	AR1016	189.1	0	143	ug/kg	76		0		55	146	20
	AR1260	189.1	0	104	ug/kg	55		10		45	144	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8082A Datafile : PP067432.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163832BS	AR1016	166.5	122	ug/kg	73				71	120		
	AR1260	166.5	110	ug/kg	66				65	130		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163832BL

Lab Name: CHEMTECH

Contract: ROMA02

Lab Code: CHEM Case No.: P4258

SAS No.: P4258 SDG NO.: P4258

Lab Sample ID: PB163832BL

Lab File ID: PP067431.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/02/2024

Date Analyzed (1): 10/02/2024

Date Analyzed (2): 10/02/2024

Time Analyzed (1): 14:54

Time Analyzed (2): 14:54

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
PB163832BS	PB163832BS	PP067432.D	10/02/2024	10/02/2024
OR-03-100124MS	P4255-01MS	PP067436.D	10/02/2024	10/02/2024
OR-03-100124MSD	P4255-01MSD	PP067437.D	10/02/2024	10/02/2024
Chamberlain Ave	P4258-03	PP067446.D	10/02/2024	10/02/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	PB163832BL	SDG No.:	P4258
Lab Sample ID:	PB163832BL	Matrix:	SOIL
Analytical Method:	SW8082A	% 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
PP067431.D	1	10/02/24 08:30	10/02/24 14:54	PB163832

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		32 - 144	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		32 - 175	84%	SPK: 20

Comments:

U = Not Detected

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B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	09/26/24
Project:	Perth Amboy	Date Received:	09/26/24
Client Sample ID:	PIBLK-PP067251.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PP067251.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067251.D	1		09/26/24	PP092624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		60 - 140	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		60 - 140	106%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/02/24
Project:	Perth Amboy	Date Received:	10/02/24
Client Sample ID:	PIBLK-PP067430.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PP067430.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067430.D	1		10/02/24	PP100224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.0		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		60 - 140	82%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/02/24
Project:	Perth Amboy	Date Received:	10/02/24
Client Sample ID:	PIBLK-PP067445.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PP067445.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067445.D	1		10/02/24	PP100224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.4		60 - 140	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 140	81%	SPK: 20

Comments:

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Report of Analysis

Client:	Roman E&G Corp		Date Collected:	10/03/24	
Project:	Perth Amboy		Date Received:	10/03/24	
Client Sample ID:	PIBLK-PP067456.D		SDG No.:	P4258	
Lab Sample ID:	I.BLK-PP067456.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067456.D	1		10/03/24	PP100224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.3		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		60 - 140	83%	SPK: 20

Comments:

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Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	PB163832BS	SDG No.:	P4258
Lab Sample ID:	PB163832BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067432.D	1	10/02/24 08:30	10/02/24 15:11	PB163832

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	122		3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	110		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.4		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		32 - 175	82%	SPK: 20

Comments:

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Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	OR-03-100124MS	SDG No.:	P4258
Lab Sample ID:	P4255-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.1
Sample Wt/Vol:	30.06	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
PP067436.D	1	10/02/24 08:30	10/02/24 16:15	PB163832

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	144		3.80	19.3	ug/kg
11104-28-2	Aroclor-1221	7.30	U	7.30	19.3	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.3	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	19.3	ug/kg
12672-29-6	Aroclor-1248	8.90	U	8.90	19.3	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.3	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.3	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.3	ug/kg
11096-82-5	Aroclor-1260	116		3.30	19.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.1		32 - 144	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.5		32 - 175	68%	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:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	OR-03-100124MSD	SDG No.:	P4258
Lab Sample ID:	P4255-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.1
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067437.D	1	10/02/24 08:30	10/02/24 16:31	PB163832

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	143		3.80	19.3	ug/kg
11104-28-2	Aroclor-1221	7.30	U	7.30	19.3	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.3	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	19.3	ug/kg
12672-29-6	Aroclor-1248	9.00	U	9.00	19.3	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.3	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.3	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.3	ug/kg
11096-82-5	Aroclor-1260	104		3.30	19.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.1		32 - 175	65%	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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.66	10.66	10.66	10.66	10.66	10.66	10.56	10.76
Tetrachloro-m-xylene	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85

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Calibration Times: 16:35 23:51

ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.23	9.23	9.23	9.23	9.23	9.23	9.13	9.33
Tetrachloro-m-xylene	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Instrument ID: ECD_P

Calibration Date(s): 09/26/2024 09/26/2024

Calibration Times: 16:35 23:51

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

LAB FILE ID:		CF 1000 = <u>PP067252.D</u>		CF 750 = <u>PP067253.D</u>			
CF 500 = <u>PP067254.D</u>		CF 250 = <u>PP067255.D</u>		CF 050 = <u>PP067256.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	44419111	47843915	48463766	51457240	46214600	47679726
Aroclor-1016-2	(2)	66273346	69936809	70695050	74503600	64800180	69241797
Aroclor-1016-3	(3)	42126964	44870201	45584096	48480564	42289060	44670177
Aroclor-1016-4	(4)	34486401	36688400	37384872	38804648	32312260	35935316
Aroclor-1016-5	(5)	35241870	36831423	36565640	40574232	35035380	36849709
Aroclor-1260-1	(1)	72804474	74636249	76976410	86724760	82770500	78782479
Aroclor-1260-2	(2)	83283968	85879869	87579650	96576876	102407900	91145653
Aroclor-1260-3	(3)	59203825	61727104	62206822	68594056	64118760	63170113
Aroclor-1260-4	(4)	71691054	72427019	74993884	82954028	75461040	75505405
Aroclor-1260-5	(5)	126425614	128097603	125670370	136734476	130449300	129475473
Decachlorobiphenyl		1428986690	1451331547	1388207880	1534539680	1455479200	1451708999
Tetrachloro-m-xylene		1320948110	1333938373	1371732600	1421719440	1272137200	1344095145
Aroclor-1242-1	(1)	32590287	35438405	35684390	39394724	34704880	35562537
Aroclor-1242-2	(2)	49525733	51136908	52275440	56483700	52175500	52319456
Aroclor-1242-3	(3)	31537636	33210816	33798564	37146508	34712320	34081169
Aroclor-1242-4	(4)	25485111	27097747	27716496	29942828	26887540	27425944
Aroclor-1242-5	(5)	27959336	29744957	29619882	31303116	30181720	29761802
Decachlorobiphenyl		1228628910	1282332080	1315551520	1436258040	1400909800	1332736070
Tetrachloro-m-xylene		1274763390	1308384813	1318477360	1378792040	1190196800	1294122881
Aroclor-1248-1	(1)	26142314	28136507	28756662	30766392	27373520	28235079
Aroclor-1248-2	(2)	40429411	43430761	45434880	48587248	44092000	44394860
Aroclor-1248-3	(3)	45010600	48345327	50727652	53116168	45420600	48524069
Aroclor-1248-4	(4)	49122151	51881811	54829062	58556964	56908720	54259742
Aroclor-1248-5	(5)	48706813	52366436	54707374	56932820	63007200	55144129
Decachlorobiphenyl		1179855010	1266318733	1362655540	1467619240	1518349400	1358959585
Tetrachloro-m-xylene		1257022680	1308333093	1315308180	1318520440	1300100000	1299856879
Aroclor-1254-1	(1)	54370186	59336697	64783254	66257520	66769100	62303351
Aroclor-1254-2	(2)	81855852	84674907	91938532	99456720	95746360	90734474
Aroclor-1254-3	(3)	85913006	89279845	95579072	101841008	96380160	93798618
Aroclor-1254-4	(4)	61059801	62216724	67990500	72965140	68987480	66643929
Aroclor-1254-5	(5)	73231896	75975464	84633810	92281900	84856400	82195894
Decachlorobiphenyl		1252633320	1291359093	1426357700	1567389680	1561818000	1419911559
Tetrachloro-m-xylene		1274651600	1302777227	1369214640	1398315920	1230485000	1315088877
Aroclor-1268-1	(1)	175908119	184905628	198548274	210006300	193282300	192530124

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	156842145	165093857	177267534	186684644	167072200	170592076	7
Aroclor-1268-3	(3)	135684912	143226937	158093186	164596312	151221780	150564625	8
Aroclor-1268-4	(4)	56156840	60654088	65088082	69244892	53115220	60851824	11
Aroclor-1268-5	(5)	402419786	420609543	444259204	469029060	423811480	432025815	6
Decachlorobiphenyl		1995353170	2111300013	2288684640	2485300560	2316967800	2239521237	9
Tetrachloro-m-xylene		1269582350	1281467173	1329784700	1362552800	1155860600	1279849525	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Instrument ID: ECD_P Calibration Date(s): 09/26/2024 09/26/2024

Calibration Times: 16:35 23:51

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

LAB FILE ID: CF 1000 = PP067252.D CF 750 = PP067253.D CF 500 = PP067254.D CF 250 = PP067255.D CF 050 = PP067256.D								
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	47507624	50065296	50596566	56447684	53276980	51578830	7
Aroclor-1016-2	(2)	67054634	70699065	70688422	75675856	71402760	71104147	4
Aroclor-1016-3	(3)	37686975	39498207	39671004	43195096	38937580	39797772	5
Aroclor-1016-4	(4)	31659913	33241739	34193378	38223664	35326760	34529091	7
Aroclor-1016-5	(5)	39859554	41288944	42279940	47109232	44012600	42910054	7
Aroclor-1260-1	(1)	76704775	76744993	79629732	88860204	87077780	81803497	7
Aroclor-1260-2	(2)	88692208	89174457	90577018	100949340	100329460	93944497	7
Aroclor-1260-3	(3)	87237954	86709761	88200132	98147496	92681860	90595441	5
Aroclor-1260-4	(4)	64325827	63516555	64916068	72170496	68474160	66680621	5
Aroclor-1260-5	(5)	143340290	143126123	140670062	152771532	148018120	145585225	3
Decachlorobiphenyl		1286582750	1372480587	1327626500	1467729840	1435706000	1378025135	5
Tetrachloro-m-xylene		1462340340	1484383840	1501244320	1587440040	1435319800	1494145668	4
Aroclor-1242-1	(1)	35183205	36871547	37882946	42238536	39553660	38345979	7
Aroclor-1242-2	(2)	48701033	51295347	52516600	57501448	51827220	52368330	6
Aroclor-1242-3	(3)	27626744	29298227	29834082	32375592	29468800	29720689	6
Aroclor-1242-4	(4)	28951851	31055845	32149928	35455392	33280540	32178711	8
Aroclor-1242-5	(5)	34473679	37292215	38185746	41782456	39156820	38178183	7
Decachlorobiphenyl		1192213450	1244799987	1277145640	1395684640	1393433600	1300655463	7
Tetrachloro-m-xylene		1390273470	1434732867	1457949020	1541345360	1399576200	1444775383	4
Aroclor-1248-1	(1)	27588187	29574940	31091976	33170676	31703540	30625864	7
Aroclor-1248-2	(2)	40345419	43286764	45479288	49885104	47841840	45367683	8
Aroclor-1248-3	(3)	42187695	45333489	47552076	51799776	49806180	47335843	8
Aroclor-1248-4	(4)	49076618	52617733	55044738	59607604	55193140	54307967	7
Aroclor-1248-5	(5)	44447724	47412072	49239092	53031592	49561920	48738480	6
Decachlorobiphenyl		1148423880	1228734080	1317796480	1434839040	1432111000	1312380896	10
Tetrachloro-m-xylene		1386396710	1440109453	1444296880	1496590320	1361770200	1425832713	4
Aroclor-1254-1	(1)	72410325	75156131	82001486	88732416	87005480	81061168	9
Aroclor-1254-2	(2)	65042328	67686927	74211806	81368784	78402740	73342517	9
Aroclor-1254-3	(3)	103377816	106525328	115857578	124448572	119885800	114019019	8
Aroclor-1254-4	(4)	57019875	58844723	63158998	69623192	63428600	62415078	8
Aroclor-1254-5	(5)	94217776	96861493	106044638	113458560	102765100	102669513	7
Decachlorobiphenyl		1217083410	1264809373	1392461240	1523977680	1504204800	1380507301	10
Tetrachloro-m-xylene		1404767980	1441205667	1507072340	1548308360	1404292800	1461129429	4
Aroclor-1268-1	(1)	185241584	194268752	208513166	215875424	203147560	201409297	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	164970336	174654029	185442450	191027352	178236640	178866161	6
Aroclor-1268-3	(3)	146694065	153538260	163846224	171430012	158826960	158867104	6
Aroclor-1268-4	(4)	60171176	63753664	68832810	72444200	57620380	64564446	9
Aroclor-1268-5	(5)	414150414	437759647	461679468	462522504	432852520	441792911	5
Decachlorobiphenyl		2014313240	2126447307	2276844760	2395709880	2294694800	2221601997	7
Tetrachloro-m-xylene		1381378820	1411462773	1475519260	1527573680	1367485400	1432683987	5

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Instrument ID: ECD_P Date(s) Analyzed: 09/26/2024 09/26/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.96	4.86	5.06	16740700
		2	5.04	4.94	5.14	12669100
		3	5.12	5.02	5.22	38701400
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.12	5.02	5.22	32063000
		2	5.65	5.55	5.75	17799400
		3	5.94	5.84	6.04	31612600
		4	6.10	6.00	6.20	16136900
		5	6.19	6.09	6.29	13528700
Aroclor-1262	500	1	8.37	8.27	8.47	95348600
		2	8.71	8.61	8.81	162249000
		3	9.05	8.95	9.15	117480000
		4	9.14	9.04	9.24	92486400
		5	9.84	9.74	9.94	61222600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Instrument ID: ECD_P Date(s) Analyzed: 09/26/2024 09/26/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.27	4.17	4.37	19118000
		2	4.36	4.26	4.46	14671200
		3	4.44	4.34	4.54	43363800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.44	4.34	4.54	35971200
		2	5.18	5.08	5.28	33127600
		3	5.36	5.26	5.46	17965800
		4	5.45	5.35	5.55	17488700
		5	5.62	5.52	5.72	18776200
Aroclor-1262	500	1	7.23	7.13	7.33	105179000
		2	7.49	7.39	7.59	94676000
		3	8.01	7.91	8.11	73351600
		4	8.08	7.98	8.18	131798000
		5	8.61	8.51	8.71	60759600

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Continuing Calib Date: 10/02/2024 Initial Calibration Date(s): 09/26/2024 09/26/2024

Continuing Calib Time: 13:34 Initial Calibration Time(s): 16:35 23:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-2	(2)	5.94	5.94	5.84	6.04	0.00
Aroclor-1016-3	(3)	6.00	6.00	5.90	6.10	0.00
Aroclor-1016-4	(4)	6.10	6.10	6.00	6.20	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.52	7.52	7.42	7.62	0.00
Aroclor-1260-2	(2)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-3	(3)	8.13	8.13	8.03	8.23	0.00
Aroclor-1260-4	(4)	8.37	8.37	8.27	8.47	0.00
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.75	4.75	4.65	4.85	0.00
Decachlorobiphenyl		10.66	10.66	10.56	10.76	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Continuing Calib Date: 10/02/2024 Initial Calibration Date(s): 09/26/2024 09/26/2024

Continuing Calib Time: 13:34 Initial Calibration Time(s): 16:35 23:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.37	5.27	5.47	0.01
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.67	6.57	6.77	0.01
Aroclor-1260-2	(2)	6.85	6.86	6.76	6.96	0.01
Aroclor-1260-3	(3)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-4	(4)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-5	(5)	7.72	7.73	7.63	7.83	0.01
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.22	9.23	9.13	9.33	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/26/2024 09/26/2024

Client Sample No.: CCAL01 Date Analyzed: 10/02/2024

Lab Sample No.: AR1660CCC500 Data File : PP067426.D Time Analyzed: 13:34

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.917	5.817	6.017	474.830	500.000	-5.0
Aroclor-1016-2	5.940	5.840	6.040	469.370	500.000	-6.1
Aroclor-1016-3	6.003	5.903	6.103	478.840	500.000	-4.2
Aroclor-1016-4	6.101	6.002	6.202	478.430	500.000	-4.3
Aroclor-1016-5	6.396	6.296	6.496	480.050	500.000	-4.0
Aroclor-1260-1	7.519	7.418	7.618	430.280	500.000	-13.9
Aroclor-1260-2	7.772	7.672	7.872	420.850	500.000	-15.8
Aroclor-1260-3	8.133	8.033	8.233	431.910	500.000	-13.6
Aroclor-1260-4	8.372	8.271	8.471	443.950	500.000	-11.2
Aroclor-1260-5	8.708	8.608	8.808	444.910	500.000	-11.0
Decachlorobiphenyl	10.661	10.561	10.761	47.300	50.000	-5.4
Tetrachloro-m-xylene	4.753	4.653	4.853	50.950	50.000	1.9

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/26/2024 09/26/2024

Client Sample No.: CCAL01 Date Analyzed: 10/02/2024

Lab Sample No.: AR1660CCC500 Data File : PP067426.D Time Analyzed: 13:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.160	5.064	5.264	449.100	500.000	-10.2
Aroclor-1016-2	5.181	5.084	5.284	459.490	500.000	-8.1
Aroclor-1016-3	5.361	5.265	5.465	460.030	500.000	-8.0
Aroclor-1016-4	5.400	5.304	5.504	457.300	500.000	-8.5
Aroclor-1016-5	5.619	5.524	5.724	462.480	500.000	-7.5
Aroclor-1260-1	6.664	6.569	6.769	433.030	500.000	-13.4
Aroclor-1260-2	6.850	6.755	6.955	436.360	500.000	-12.7
Aroclor-1260-3	7.008	6.913	7.113	439.810	500.000	-12.0
Aroclor-1260-4	7.483	7.388	7.588	446.520	500.000	-10.7
Aroclor-1260-5	7.721	7.626	7.826	454.610	500.000	-9.1
Decachlorobiphenyl	9.218	9.126	9.326	48.380	50.000	-3.2
Tetrachloro-m-xylene	4.051	3.953	4.153	49.670	50.000	-0.7

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Continuing Calib Date: 10/02/2024 Initial Calibration Date(s): 09/26/2024 09/26/2024

Continuing Calib Time: 20:39 Initial Calibration Time(s): 16:35 23:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.01
Aroclor-1016-2	(2)	5.94	5.94	5.84	6.04	0.00
Aroclor-1016-3	(3)	6.00	6.00	5.90	6.10	0.00
Aroclor-1016-4	(4)	6.10	6.10	6.00	6.20	0.00
Aroclor-1016-5	(5)	6.39	6.40	6.30	6.50	0.01
Aroclor-1260-1	(1)	7.52	7.52	7.42	7.62	0.00
Aroclor-1260-2	(2)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-3	(3)	8.13	8.13	8.03	8.23	0.00
Aroclor-1260-4	(4)	8.37	8.37	8.27	8.47	0.00
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.75	4.75	4.65	4.85	0.00
Decachlorobiphenyl		10.66	10.66	10.56	10.76	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Continuing Calib Date: 10/02/2024 Initial Calibration Date(s): 09/26/2024 09/26/2024

Continuing Calib Time: 20:39 Initial Calibration Time(s): 16:35 23:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.37	5.27	5.47	0.01
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.67	6.57	6.77	0.01
Aroclor-1260-2	(2)	6.85	6.86	6.76	6.96	0.01
Aroclor-1260-3	(3)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-4	(4)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-5	(5)	7.72	7.73	7.63	7.83	0.01
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.22	9.23	9.13	9.33	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/26/2024 09/26/2024

Client Sample No.: CCAL02 Date Analyzed: 10/02/2024

Lab Sample No.: AR1660CCC500 Data File : PP067441.D Time Analyzed: 20:39

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.915	5.817	6.017	467.930	500.000	-6.4
Aroclor-1016-2	5.939	5.840	6.040	469.650	500.000	-6.1
Aroclor-1016-3	6.002	5.903	6.103	472.860	500.000	-5.4
Aroclor-1016-4	6.099	6.002	6.202	475.230	500.000	-5.0
Aroclor-1016-5	6.394	6.296	6.496	471.350	500.000	-5.7
Aroclor-1260-1	7.517	7.418	7.618	403.120	500.000	-19.4
Aroclor-1260-2	7.771	7.672	7.872	388.800	500.000	-22.2
Aroclor-1260-3	8.132	8.033	8.233	392.700	500.000	-21.5
Aroclor-1260-4	8.369	8.271	8.471	401.410	500.000	-19.7
Aroclor-1260-5	8.706	8.608	8.808	414.930	500.000	-17.0
Decachlorobiphenyl	10.662	10.561	10.761	45.470	50.000	-9.1
Tetrachloro-m-xylene	4.752	4.653	4.853	51.050	50.000	2.1

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/26/2024 09/26/2024

Client Sample No.: CCAL02 Date Analyzed: 10/02/2024

Lab Sample No.: AR1660CCC500 Data File : PP067441.D Time Analyzed: 20:39

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.160	5.064	5.264	461.960	500.000	-7.6
Aroclor-1016-2	5.180	5.084	5.284	464.100	500.000	-7.2
Aroclor-1016-3	5.361	5.265	5.465	487.090	500.000	-2.6
Aroclor-1016-4	5.400	5.304	5.504	473.080	500.000	-5.4
Aroclor-1016-5	5.619	5.524	5.724	488.330	500.000	-2.3
Aroclor-1260-1	6.664	6.569	6.769	426.610	500.000	-14.7
Aroclor-1260-2	6.850	6.755	6.955	421.090	500.000	-15.8
Aroclor-1260-3	7.008	6.913	7.113	413.950	500.000	-17.2
Aroclor-1260-4	7.483	7.388	7.588	420.960	500.000	-15.8
Aroclor-1260-5	7.721	7.626	7.826	422.840	500.000	-15.4
Decachlorobiphenyl	9.217	9.126	9.326	46.090	50.000	-7.8
Tetrachloro-m-xylene	4.051	3.953	4.153	50.060	50.000	0.1

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Continuing Calib Date: 10/03/2024 Initial Calibration Date(s): 09/26/2024 09/26/2024

Continuing Calib Time: 02:06 Initial Calibration Time(s): 16:35 23:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-2	(2)	5.94	5.94	5.84	6.04	0.00
Aroclor-1016-3	(3)	6.00	6.00	5.90	6.10	0.00
Aroclor-1016-4	(4)	6.10	6.10	6.00	6.20	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.01
Aroclor-1260-1	(1)	7.52	7.52	7.42	7.62	0.00
Aroclor-1260-2	(2)	7.77	7.77	7.67	7.87	0.00
Aroclor-1260-3	(3)	8.13	8.13	8.03	8.23	0.00
Aroclor-1260-4	(4)	8.37	8.37	8.27	8.47	0.00
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.75	4.75	4.65	4.85	0.00
Decachlorobiphenyl		10.66	10.66	10.56	10.76	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Continuing Calib Date: 10/03/2024 Initial Calibration Date(s): 09/26/2024 09/26/2024

Continuing Calib Time: 02:06 Initial Calibration Time(s): 16:35 23:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.37	5.27	5.47	0.01
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.67	6.57	6.77	0.01
Aroclor-1260-2	(2)	6.85	6.86	6.76	6.96	0.01
Aroclor-1260-3	(3)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-4	(4)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-5	(5)	7.72	7.73	7.63	7.83	0.01
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.22	9.23	9.13	9.33	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/26/2024 09/26/2024

Client Sample No.: CCAL03 Date Analyzed: 10/03/2024

Lab Sample No.: AR1660CCC500 Data File : PP067452.D Time Analyzed: 02:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.916	5.817	6.017	471.040	500.000	-5.8
Aroclor-1016-2	5.938	5.840	6.040	477.400	500.000	-4.5
Aroclor-1016-3	6.002	5.903	6.103	481.710	500.000	-3.7
Aroclor-1016-4	6.100	6.002	6.202	473.420	500.000	-5.3
Aroclor-1016-5	6.395	6.296	6.496	479.060	500.000	-4.2
Aroclor-1260-1	7.518	7.418	7.618	439.290	500.000	-12.1
Aroclor-1260-2	7.771	7.672	7.872	419.560	500.000	-16.1
Aroclor-1260-3	8.132	8.033	8.233	424.750	500.000	-15.1
Aroclor-1260-4	8.370	8.271	8.471	433.350	500.000	-13.3
Aroclor-1260-5	8.707	8.608	8.808	438.610	500.000	-12.3
Decachlorobiphenyl	10.661	10.561	10.761	48.020	50.000	-4.0
Tetrachloro-m-xylene	4.752	4.653	4.853	51.400	50.000	2.8

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/26/2024 09/26/2024

Client Sample No.: CCAL03 Date Analyzed: 10/03/2024

Lab Sample No.: AR1660CCC500 Data File : PP067452.D Time Analyzed: 02:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.160	5.064	5.264	469.300	500.000	-6.1
Aroclor-1016-2	5.180	5.084	5.284	523.630	500.000	4.7
Aroclor-1016-3	5.361	5.265	5.465	513.240	500.000	2.6
Aroclor-1016-4	5.400	5.304	5.504	494.490	500.000	-1.1
Aroclor-1016-5	5.619	5.524	5.724	514.710	500.000	2.9
Aroclor-1260-1	6.663	6.569	6.769	449.540	500.000	-10.1
Aroclor-1260-2	6.849	6.755	6.955	450.550	500.000	-9.9
Aroclor-1260-3	7.007	6.913	7.113	445.980	500.000	-10.8
Aroclor-1260-4	7.482	7.388	7.588	458.770	500.000	-8.2
Aroclor-1260-5	7.720	7.626	7.826	463.040	500.000	-7.4
Decachlorobiphenyl	9.217	9.126	9.326	49.610	50.000	-0.8
Tetrachloro-m-xylene	4.051	3.953	4.153	50.720	50.000	1.4

Analytical Sequence

Client: Roman E&G Corp

SDG No.: P4258

Project: Perth Amboy

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/26/2024

09/26/2024

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	09/26/2024	16:19	PP067251.D	10.66	4.75
AR1660ICC1000	AR1660ICC1000	09/26/2024	16:35	PP067252.D	10.66	4.75
AR1660ICC750	AR1660ICC750	09/26/2024	16:51	PP067253.D	10.66	4.75
AR1660ICC500	AR1660ICC500	09/26/2024	17:08	PP067254.D	10.66	4.75
AR1660ICC250	AR1660ICC250	09/26/2024	17:24	PP067255.D	10.66	4.75
AR1660ICC050	AR1660ICC050	09/26/2024	17:40	PP067256.D	10.66	4.75
AR1221ICC500	AR1221ICC500	09/26/2024	17:56	PP067257.D	10.66	4.75
AR1232ICC500	AR1232ICC500	09/26/2024	18:12	PP067258.D	10.66	4.75
AR1242ICC1000	AR1242ICC1000	09/26/2024	18:28	PP067259.D	10.67	4.75
AR1242ICC750	AR1242ICC750	09/26/2024	18:45	PP067260.D	10.66	4.75
AR1242ICC500	AR1242ICC500	09/26/2024	19:01	PP067261.D	10.66	4.75
AR1242ICC250	AR1242ICC250	09/26/2024	19:17	PP067262.D	10.66	4.75
AR1242ICC050	AR1242ICC050	09/26/2024	19:33	PP067263.D	10.66	4.75
AR1248ICC1000	AR1248ICC1000	09/26/2024	19:49	PP067264.D	10.66	4.75
AR1248ICC750	AR1248ICC750	09/26/2024	20:05	PP067265.D	10.66	4.75
AR1248ICC500	AR1248ICC500	09/26/2024	20:21	PP067266.D	10.66	4.75
AR1248ICC250	AR1248ICC250	09/26/2024	20:38	PP067267.D	10.66	4.75
AR1248ICC050	AR1248ICC050	09/26/2024	20:54	PP067268.D	10.67	4.75
AR1254ICC1000	AR1254ICC1000	09/26/2024	21:10	PP067269.D	10.66	4.75
AR1254ICC750	AR1254ICC750	09/26/2024	21:26	PP067270.D	10.66	4.75
AR1254ICC500	AR1254ICC500	09/26/2024	21:42	PP067271.D	10.66	4.75
AR1254ICC250	AR1254ICC250	09/26/2024	21:58	PP067272.D	10.66	4.75
AR1254ICC050	AR1254ICC050	09/26/2024	22:14	PP067273.D	10.66	4.75
AR1262ICC500	AR1262ICC500	09/26/2024	22:30	PP067274.D	10.66	4.75
AR1268ICC1000	AR1268ICC1000	09/26/2024	22:47	PP067275.D	10.66	4.75
AR1268ICC750	AR1268ICC750	09/26/2024	23:03	PP067276.D	10.66	4.75
AR1268ICC500	AR1268ICC500	09/26/2024	23:19	PP067277.D	10.66	4.75
AR1268ICC250	AR1268ICC250	09/26/2024	23:35	PP067278.D	10.66	4.75
AR1268ICC050	AR1268ICC050	09/26/2024	23:51	PP067279.D	10.66	4.75
AR1660CCC500	AR1660CCC500	10/02/2024	13:34	PP067426.D	10.66	4.75
IBLK	IBLK	10/02/2024	14:38	PP067430.D	10.66	4.75
PB163832BL	PB163832BL	10/02/2024	14:54	PP067431.D	10.66	4.75
PB163832BS	PB163832BS	10/02/2024	15:11	PP067432.D	10.66	4.75
OR-03-100124MS	P4255-01MS	10/02/2024	16:15	PP067436.D	10.66	4.75
OR-03-100124MSD	P4255-01MSD	10/02/2024	16:31	PP067437.D	10.66	4.75
AR1660CCC500	AR1660CCC500	10/02/2024	20:39	PP067441.D	10.66	4.75
IBLK	IBLK	10/02/2024	22:59	PP067445.D	10.66	4.75
Chamberlain Ave	P4258-03	10/02/2024	23:15	PP067446.D	10.66	4.75
AR1660CCC500	AR1660CCC500	10/03/2024	02:06	PP067452.D	10.66	4.75
IBLK	IBLK	10/03/2024	03:10	PP067456.D	10.66	4.75

Analytical Sequence

Client: Roman E&G Corp

SDG No.: P4258

Project: Perth Amboy

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/26/2024

09/26/2024

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	09/26/2024	16:19	PP067251.D	9.23	4.05
AR1660ICC1000	AR1660ICC1000	09/26/2024	16:35	PP067252.D	9.23	4.05
AR1660ICC750	AR1660ICC750	09/26/2024	16:51	PP067253.D	9.23	4.05
AR1660ICC500	AR1660ICC500	09/26/2024	17:08	PP067254.D	9.23	4.05
AR1660ICC250	AR1660ICC250	09/26/2024	17:24	PP067255.D	9.22	4.05
AR1660ICC050	AR1660ICC050	09/26/2024	17:40	PP067256.D	9.23	4.05
AR1221ICC500	AR1221ICC500	09/26/2024	17:56	PP067257.D	9.23	4.05
AR1232ICC500	AR1232ICC500	09/26/2024	18:12	PP067258.D	9.22	4.05
AR1242ICC1000	AR1242ICC1000	09/26/2024	18:28	PP067259.D	9.23	4.05
AR1242ICC750	AR1242ICC750	09/26/2024	18:45	PP067260.D	9.23	4.05
AR1242ICC500	AR1242ICC500	09/26/2024	19:01	PP067261.D	9.23	4.05
AR1242ICC250	AR1242ICC250	09/26/2024	19:17	PP067262.D	9.23	4.05
AR1242ICC050	AR1242ICC050	09/26/2024	19:33	PP067263.D	9.23	4.05
AR1248ICC1000	AR1248ICC1000	09/26/2024	19:49	PP067264.D	9.22	4.05
AR1248ICC750	AR1248ICC750	09/26/2024	20:05	PP067265.D	9.23	4.05
AR1248ICC500	AR1248ICC500	09/26/2024	20:21	PP067266.D	9.22	4.05
AR1248ICC250	AR1248ICC250	09/26/2024	20:38	PP067267.D	9.23	4.05
AR1248ICC050	AR1248ICC050	09/26/2024	20:54	PP067268.D	9.23	4.05
AR1254ICC1000	AR1254ICC1000	09/26/2024	21:10	PP067269.D	9.23	4.05
AR1254ICC750	AR1254ICC750	09/26/2024	21:26	PP067270.D	9.23	4.05
AR1254ICC500	AR1254ICC500	09/26/2024	21:42	PP067271.D	9.23	4.05
AR1254ICC250	AR1254ICC250	09/26/2024	21:58	PP067272.D	9.23	4.05
AR1254ICC050	AR1254ICC050	09/26/2024	22:14	PP067273.D	9.23	4.05
AR1262ICC500	AR1262ICC500	09/26/2024	22:30	PP067274.D	9.23	4.05
AR1268ICC1000	AR1268ICC1000	09/26/2024	22:47	PP067275.D	9.23	4.05
AR1268ICC750	AR1268ICC750	09/26/2024	23:03	PP067276.D	9.23	4.05
AR1268ICC500	AR1268ICC500	09/26/2024	23:19	PP067277.D	9.23	4.05
AR1268ICC250	AR1268ICC250	09/26/2024	23:35	PP067278.D	9.23	4.05
AR1268ICC050	AR1268ICC050	09/26/2024	23:51	PP067279.D	9.23	4.05
AR1660CCC500	AR1660CCC500	10/02/2024	13:34	PP067426.D	9.22	4.05
IBLK	IBLK	10/02/2024	14:38	PP067430.D	9.22	4.05
PB163832BL	PB163832BL	10/02/2024	14:54	PP067431.D	9.22	4.05
PB163832BS	PB163832BS	10/02/2024	15:11	PP067432.D	9.22	4.05
OR-03-100124MS	P4255-01MS	10/02/2024	16:15	PP067436.D	9.22	4.05
OR-03-100124MSD	P4255-01MSD	10/02/2024	16:31	PP067437.D	9.22	4.05
AR1660CCC500	AR1660CCC500	10/02/2024	20:39	PP067441.D	9.22	4.05
IBLK	IBLK	10/02/2024	22:59	PP067445.D	9.22	4.05
Chamberlain Ave	P4258-03	10/02/2024	23:15	PP067446.D	9.22	4.05
AR1660CCC500	AR1660CCC500	10/03/2024	02:06	PP067452.D	9.22	4.05
IBLK	IBLK	10/03/2024	03:10	PP067456.D	9.22	4.05

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB163832BS

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Lab Sample ID: PB163832BS Date(s) Analyzed: 10/02/2024 10/02/2024

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 PP067432.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.916	5.866	5.966	120	122	5.04
COLUMN 1	2	5.938	5.888	5.988	120		
	3	6.002	5.952	6.052	122		
	4	6.1	6.05	6.15	124		
	5	6.395	6.345	6.445	122		
	1	5.161	5.111	5.211	115		
COLUMN 2	2	5.181	5.131	5.231	114	116	
	3	5.362	5.312	5.412	116		
	4	5.401	5.351	5.451	117		
	5	5.62	5.57	5.67	116		
Aroclor-1260	1	7.518	7.468	7.568	113	110	1.83
COLUMN 1	2	7.771	7.721	7.821	113		
	3	8.133	8.083	8.183	107		
	4	8.37	8.32	8.42	109		
	5	8.707	8.657	8.757	106		
	1	6.664	6.614	6.714	110	108	
COLUMN 2	2	6.851	6.801	6.901	107		
	3	7.009	6.959	7.059	109		
	4	7.484	7.434	7.534	108		
	5	7.722	7.672	7.772	106		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OR-03-100124MS

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Lab Sample ID: P4255-01MS Date(s) Analyzed: 10/02/2024 10/02/2024

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 PP067436.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.917	5.867	5.967	143	144	11.76
COLUMN 1	2	5.94	5.89	5.99	139		
	3	6.004	5.954	6.054	149		
	4	6.101	6.051	6.151	150		
	5	6.395	6.345	6.445	141		
	1	5.161	5.111	5.211	137		
COLUMN 2	2	5.181	5.131	5.231	126	128	
	3	5.361	5.311	5.411	133		
	4	5.401	5.351	5.451	131		
	5	5.619	5.569	5.669	113		
Aroclor-1260	1	7.519	7.469	7.569	114	116	11.87
COLUMN 1	2	7.772	7.722	7.822	142		
	3	8.134	8.084	8.184	104		
	4	8.372	8.322	8.422	111		
	5	8.708	8.658	8.758	110		
	1	6.664	6.614	6.714	105	103	
COLUMN 2	2	6.85	6.8	6.9	103		
	3	7.008	6.958	7.058	102		
	4	7.483	7.433	7.533	102		
	5	7.721	7.671	7.771	103		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OR-03-100124MSD

Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Lab Sample ID: P4255-01MSD Date(s) Analyzed: 10/02/2024 10/02/2024

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 PP067437.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.915	5.865	5.965	139	143	10.29
COLUMN 1	2	5.938	5.888	5.988	141		
	3	6.002	5.952	6.052	146		
	4	6.099	6.049	6.149	152		
	5	6.394	6.344	6.444	137		
	1	5.16	5.11	5.21	135		
COLUMN 2	2	5.18	5.13	5.23	125	129	
	3	5.361	5.311	5.411	133		
	4	5.4	5.35	5.45	130		
	5	5.618	5.568	5.668	120		
Aroclor-1260	1	7.518	7.468	7.568	108	104	1.94
COLUMN 1	2	7.77	7.72	7.82	104		
	3	8.132	8.082	8.182	99.3		
	4	8.37	8.32	8.42	104		
	5	8.706	8.656	8.756	108		
	1	6.664	6.614	6.714	104		
COLUMN 2	2	6.85	6.8	6.9	102	102	
	3	7.008	6.958	7.058	103		
	4	7.483	7.433	7.533	99.1		
	5	7.721	7.671	7.771	101		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
 Data File : PP067446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2024 23:15
 Operator : YP\AJ
 Sample : P4258-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 Chamberlain Ave

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2024
 Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:20:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 27 06:59:05 2024
 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...	4.752	4.050	19247595	21181524	14.320	14.176
2) SA Decachlor...	10.660	9.217	19020608	18624385	13.102	13.515m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
Data File : PP067446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2024 23:15
Operator : YP\AJ
Sample : P4258-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

Chamberlain Ave

Manual Integrations

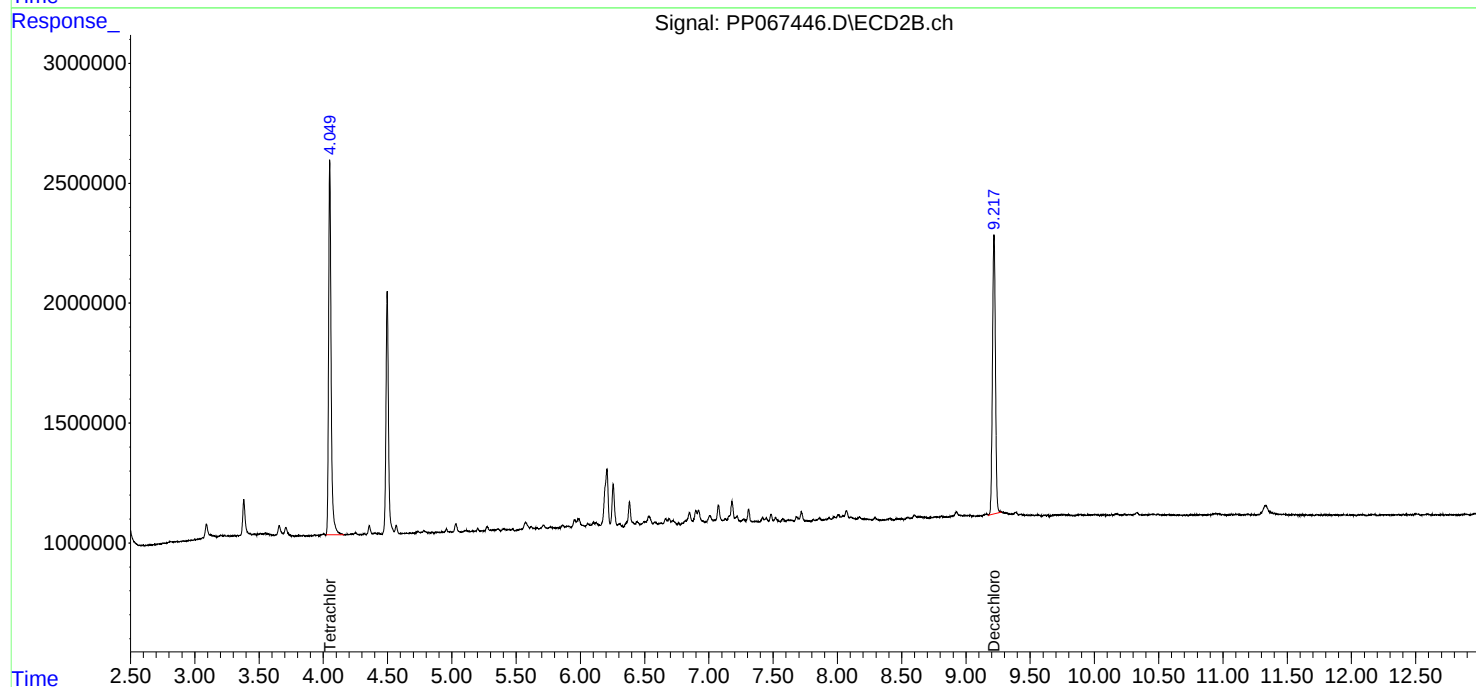
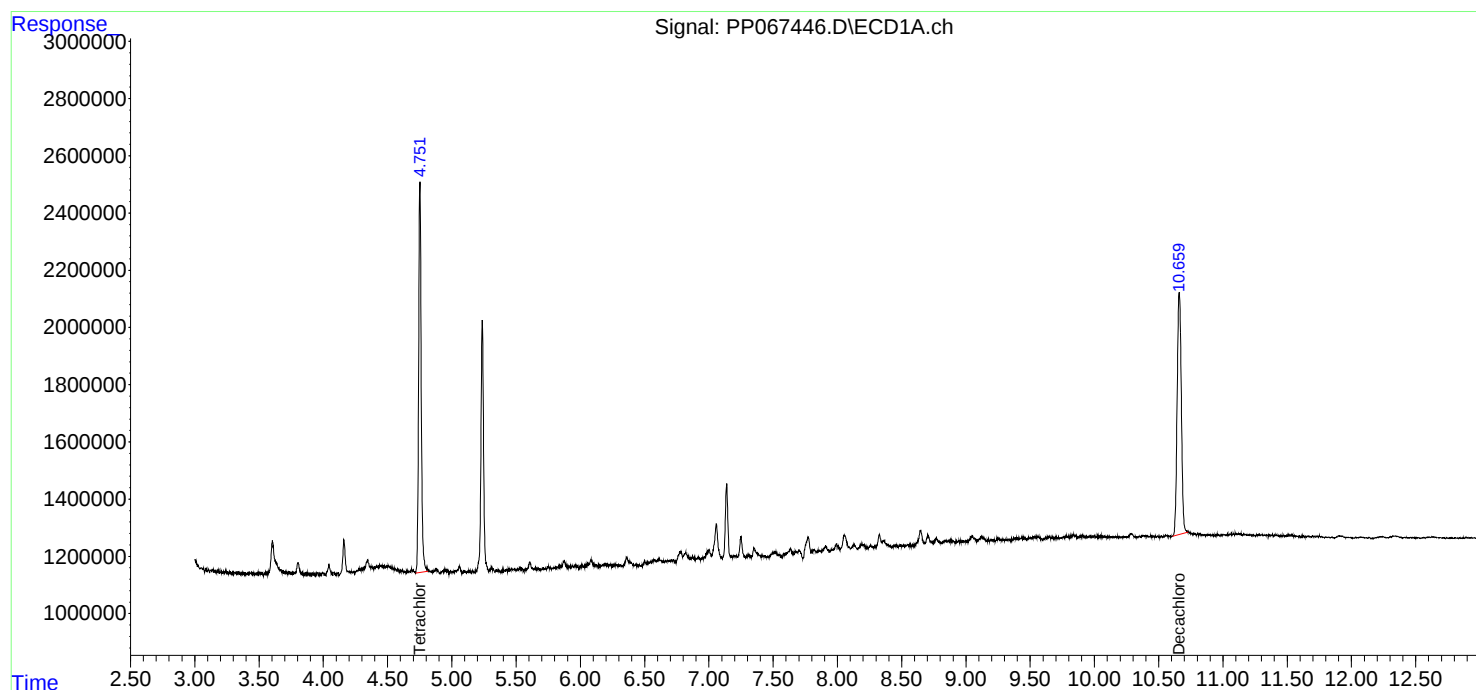
APPROVED

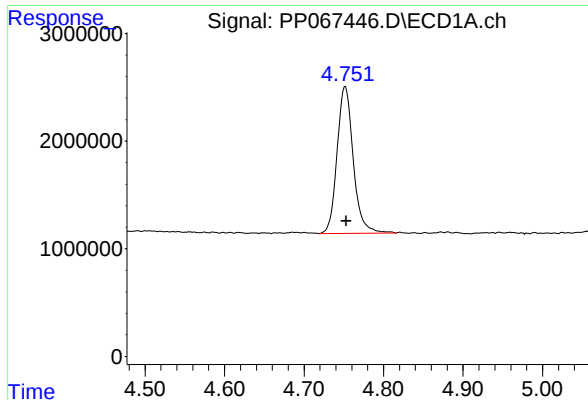
Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 00:20:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 27 06:59:05 2024
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.: 4.752 min
Delta R.T.: -0.001 min
Response: 19247595
Conc: 14.32 ng/ml

Instrument :

ECD_P

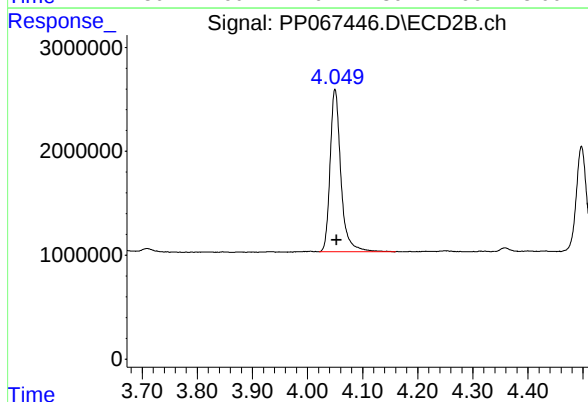
ClientSampleId :

Chamberlain Ave

Manual Integrations

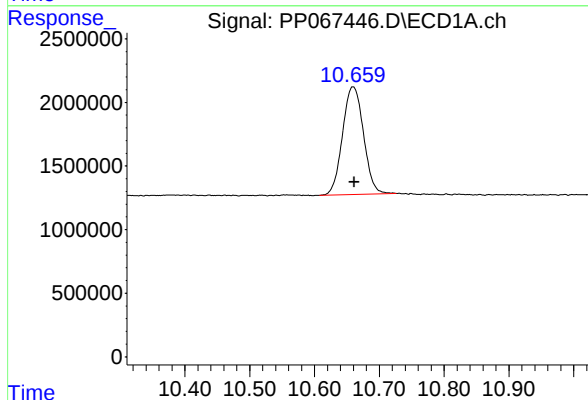
APPROVED

Reviewed By :Yogesh Patel 10/03/2024
Supervised By :Ankita Jodhani 10/03/2024



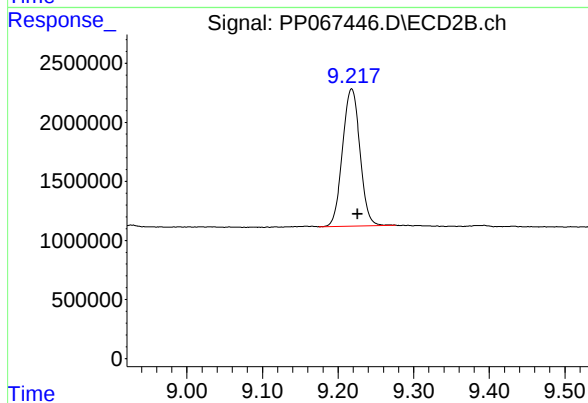
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 21181524
Conc: 14.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.660 min
Delta R.T.: -0.002 min
Response: 19020608
Conc: 13.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.217 min
Delta R.T.: -0.009 min
Response: 18624385
Conc: 13.52 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
 Data File : PP067431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2024 14:54
 Operator : YP\AJ
 Sample : PB163832BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB163832BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2024
 Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:14:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 27 06:59:05 2024
 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...	4.752	4.051	21682242	23816107	16.131	15.940
2) SA Decachlor...	10.657	9.218	24352858	22410498	16.775m	16.263

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
Data File : PP067431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2024 14:54
Operator : YP\AJ
Sample : PB163832BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB163832BL

Manual Integrations

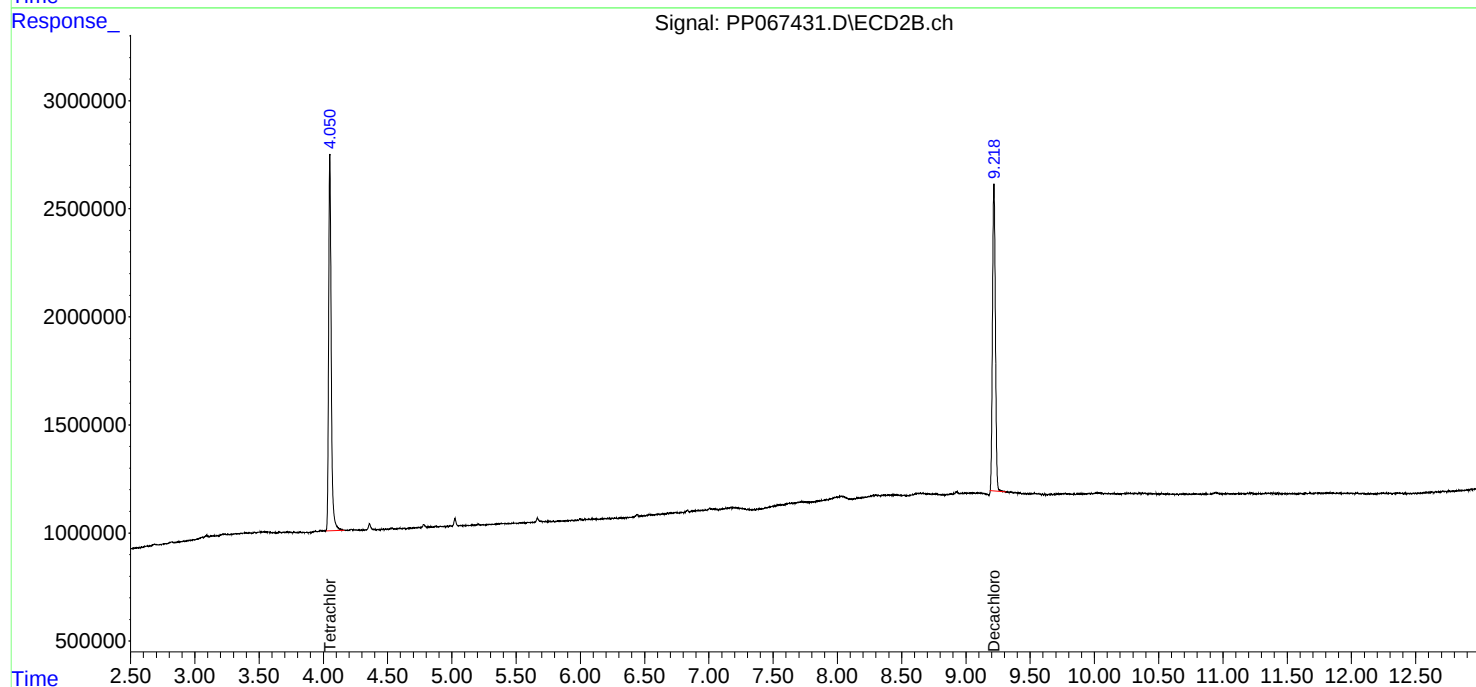
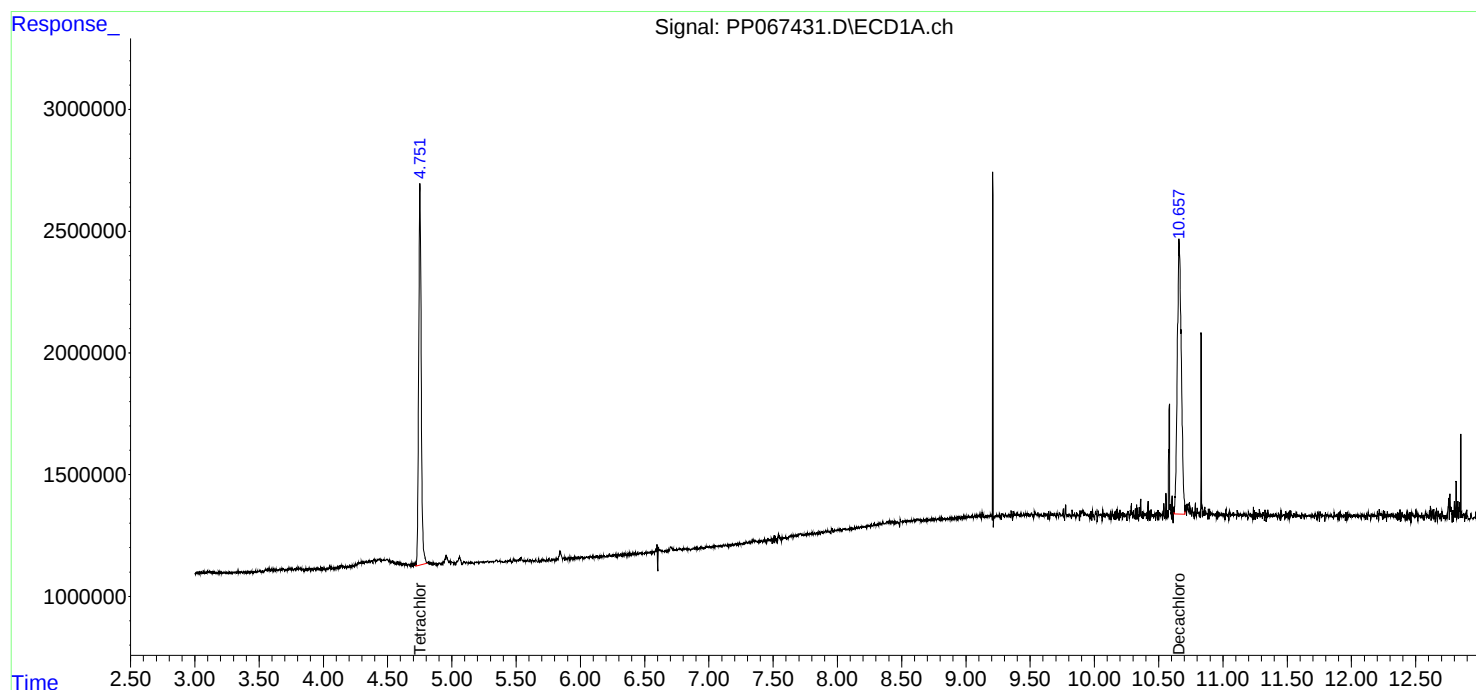
APPROVED

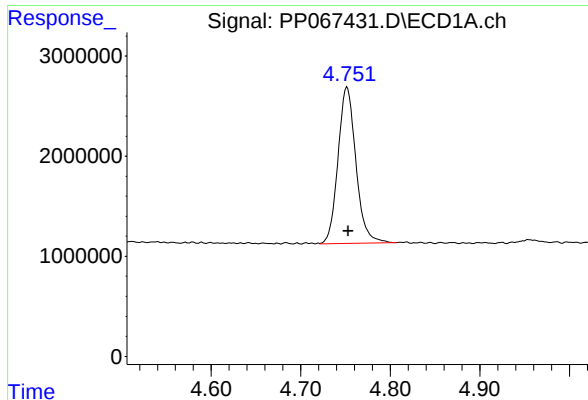
Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 00:14:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 27 06:59:05 2024
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





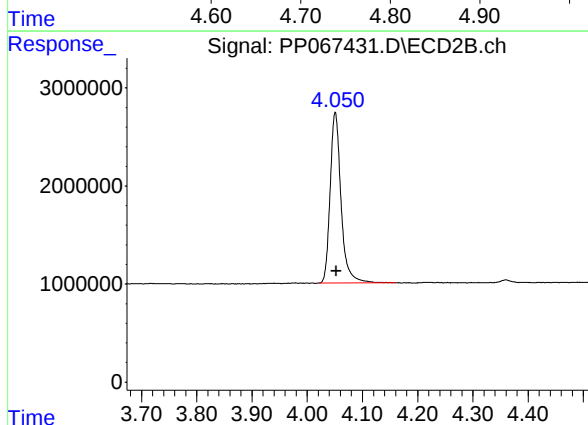
#1 Tetrachloro-m-xylene

R.T.: 4.752 min
Delta R.T.: -0.001 min
Response: 21682242
Conc: 16.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB163832BL

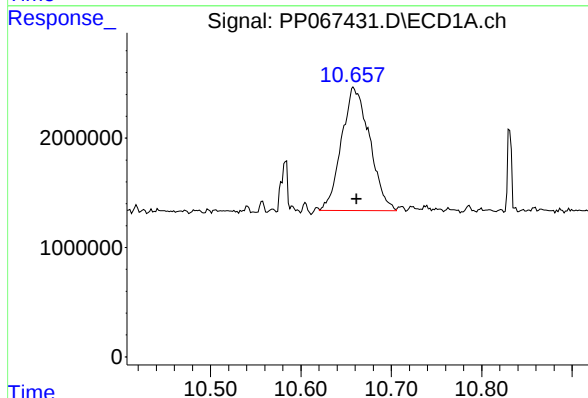
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/03/2024
Supervised By :Ankita Jodhani 10/03/2024



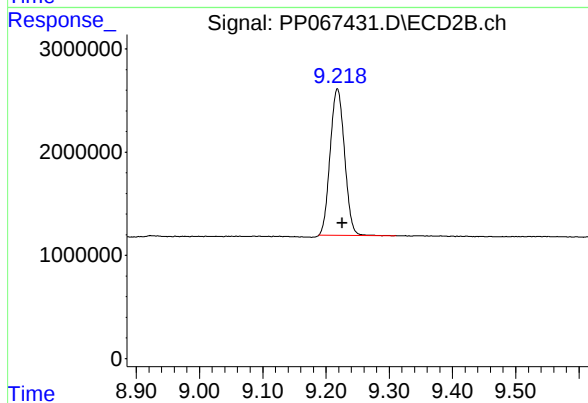
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 23816107
Conc: 15.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.657 min
Delta R.T.: -0.004 min
Response: 24352858
Conc: 16.78 ng/ml m



#2 Decachlorobiphenyl

R.T.: 9.218 min
Delta R.T.: -0.008 min
Response: 22410498
Conc: 16.26 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
 Data File : PP067432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2024 15:11
 Operator : YP\AJ
 Sample : PB163832BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB163832BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:15:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 27 06:59:05 2024
 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...	4.752	4.052	23399278	25840649	17.409	17.295
2) SA Decachlor...	10.662	9.219	23381146	22631199	16.106	16.423m
Target Compounds						
3) L1 AR-1016-1	5.916	5.161	17186793	17803419	360.463	345.169
4) L1 AR-1016-2	5.938	5.181	24974689	24387600	360.688	342.984
5) L1 AR-1016-3	6.002	5.362	16327890	13833666	365.521	347.599
6) L1 AR-1016-4	6.100	5.401	13357175	12165052	371.700	352.313
7) L1 AR-1016-5	6.395	5.620	13547447	15009555	367.641	349.791
31) L7 AR-1260-1	7.518	6.664	26817688	26988604	340.402	329.920
32) L7 AR-1260-2	7.771	6.851	30983700	30215526	339.936	321.632
33) L7 AR-1260-3	8.133	7.009	20368974	29604337	322.446	326.775
34) L7 AR-1260-4	8.370	7.484	24759097	21570793	327.912	323.494
35) L7 AR-1260-5	8.707	7.722	41214816	46202267	318.321	317.355

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
Data File : PP067432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2024 15:11
Operator : YP\AJ
Sample : PB163832BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB163832BS

Manual Integrations

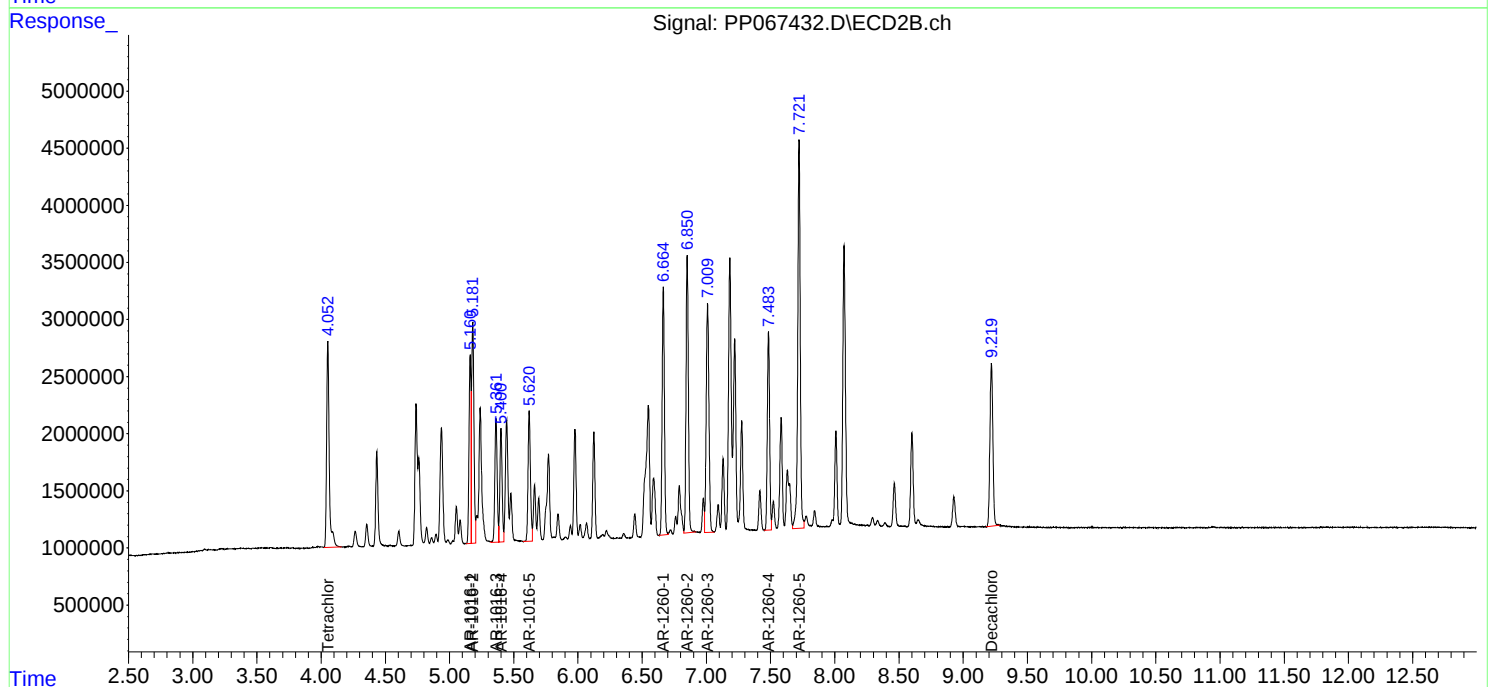
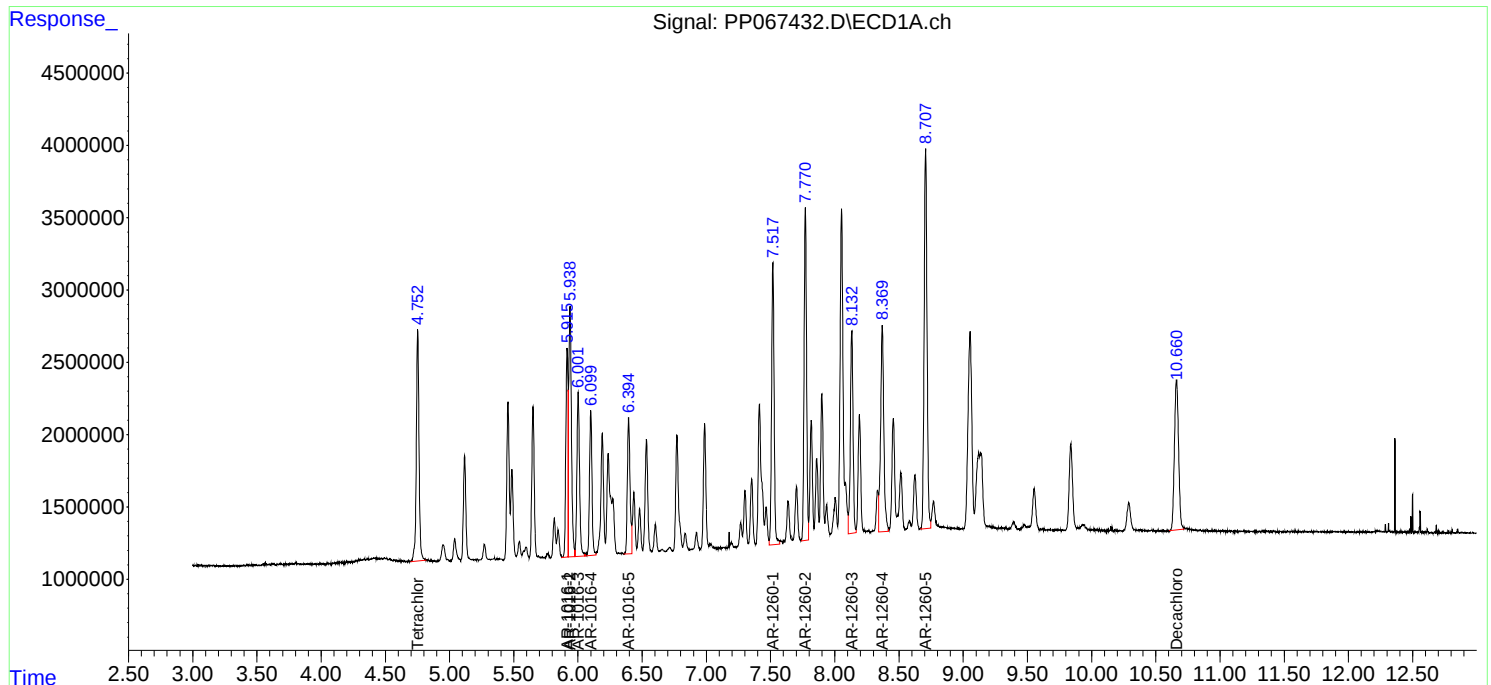
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 00:15:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 27 06:59:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
 Data File : PP067436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2024 16:15
 Operator : YP\AJ
 Sample : P4255-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

OR-03-100124MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:16:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 27 06:59:05 2024
 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...	4.753	4.051	22968192	22282459	17.088	14.913
2) SA Decachlor...	10.662	9.219	19614691	16944716	13.511	12.296
Target Compounds						
3) L1 AR-1016-1	5.917	5.161	18026831	18678662	378.082	362.138
4) L1 AR-1016-2	5.940	5.181	25556414	23774507	369.089	334.362
5) L1 AR-1016-3	6.004	5.361	17594116	14012569	393.867	352.094
6) L1 AR-1016-4	6.101	5.401	14230416	11947893	396.001	346.024
7) L1 AR-1016-5	6.395	5.619	13802814	12852834	374.570	299.530m
31) L7 AR-1260-1	7.519	6.664	23724967	22844565	301.145	279.261
32) L7 AR-1260-2	7.772	6.850	34163381	25528871	374.822	271.744 #
33) L7 AR-1260-3	8.134	7.008	17467084	24399736	276.509	269.326
34) L7 AR-1260-4	8.372	7.483	22104076	18061975	292.748	270.873
35) L7 AR-1260-5	8.708	7.721	37826978	39795389	292.156	273.348

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
Data File : PP067436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2024 16:15
Operator : YP\AJ
Sample : P4255-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

OR-03-100124MS

Manual Integrations

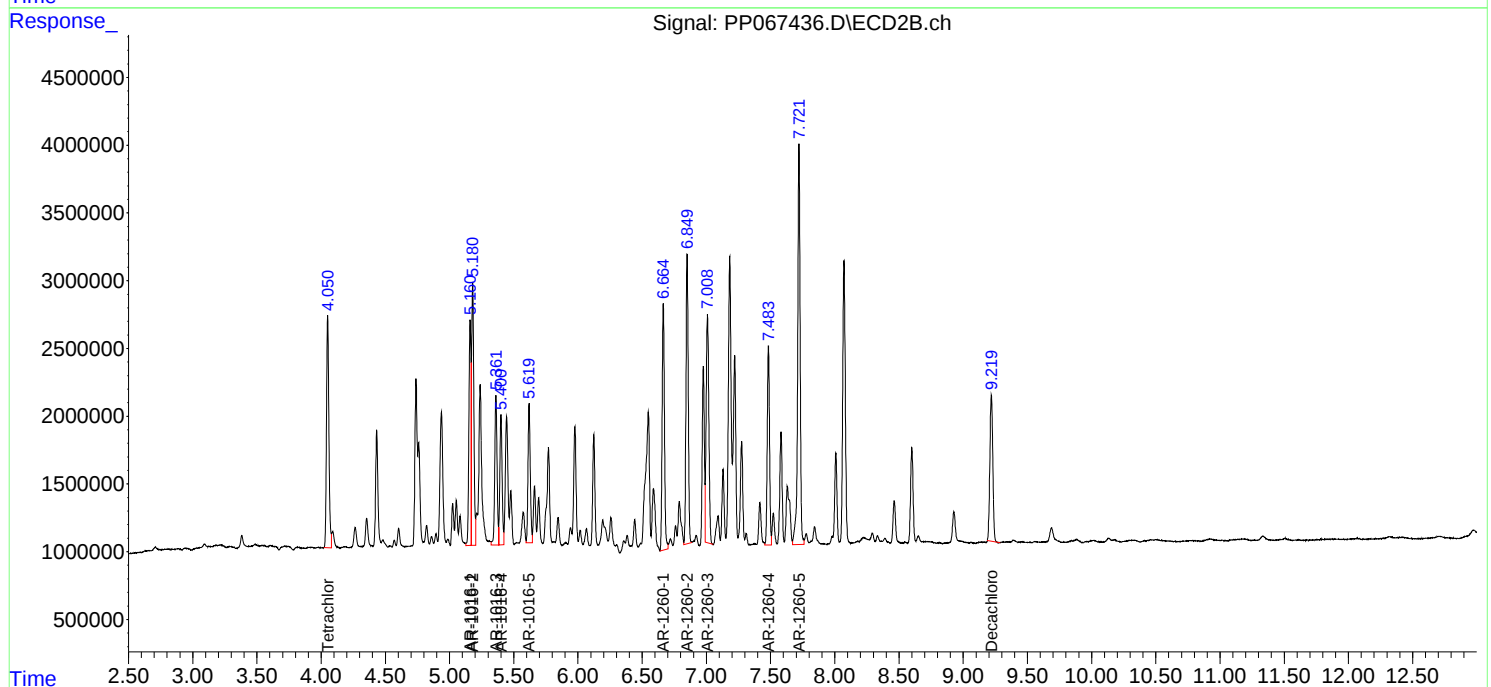
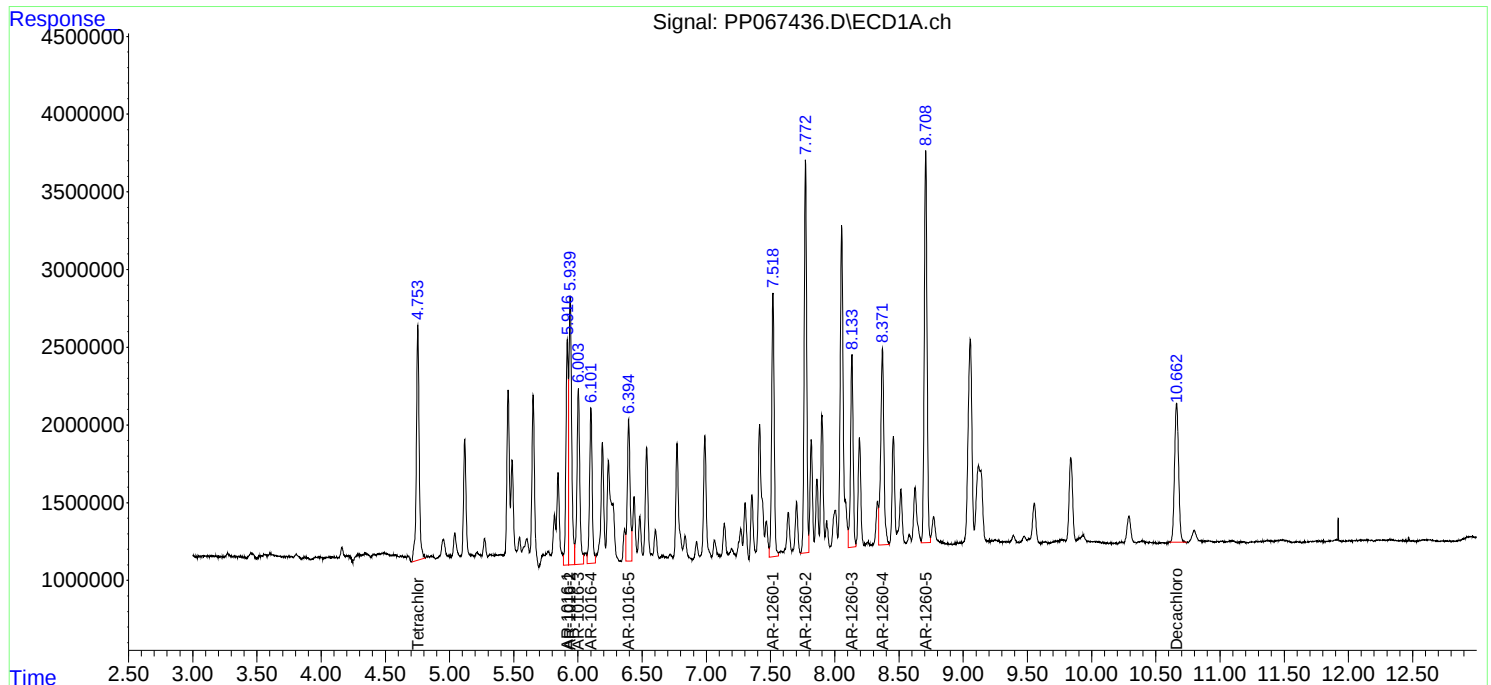
APPROVED

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 00:16:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 27 06:59:05 2024
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\PP100224\
 Data File : PP067437.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2024 16:31
 Operator : YP\AJ
 Sample : P4255-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

OR-03-100124MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:16:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 27 06:59:05 2024
 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...	4.751	4.051	23289983	22278353	17.328m	14.910
2) SA Decachlor...	10.663	9.218	18958159	16880042	13.059	12.249
Target Compounds						
3) L1 AR-1016-1	5.915	5.160	17493866	18400339	366.904	356.742
4) L1 AR-1016-2	5.938	5.180	25751169	23546799	371.902	331.159
5) L1 AR-1016-3	6.002	5.361	17281262	14000058	386.864	351.780
6) L1 AR-1016-4	6.099	5.400	14482653	11839319	403.020	342.880
7) L1 AR-1016-5	6.394	5.618	13315965	13617729	361.359	317.355m
31) L7 AR-1260-1	7.518	6.664	22448812	22527161	284.947	275.381
32) L7 AR-1260-2	7.770	6.850	24999969	25440104	274.286	270.799
33) L7 AR-1260-3	8.132	7.008	16586000	24645845	262.561	272.043
34) L7 AR-1260-4	8.370	7.483	20712970	17473892	274.324	262.054
35) L7 AR-1260-5	8.706	7.721	36921684	38879641	285.164	267.058

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100224\
Data File : PP067437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2024 16:31
Operator : YP\AJ
Sample : P4255-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

OR-03-100124MSD

Manual Integrations

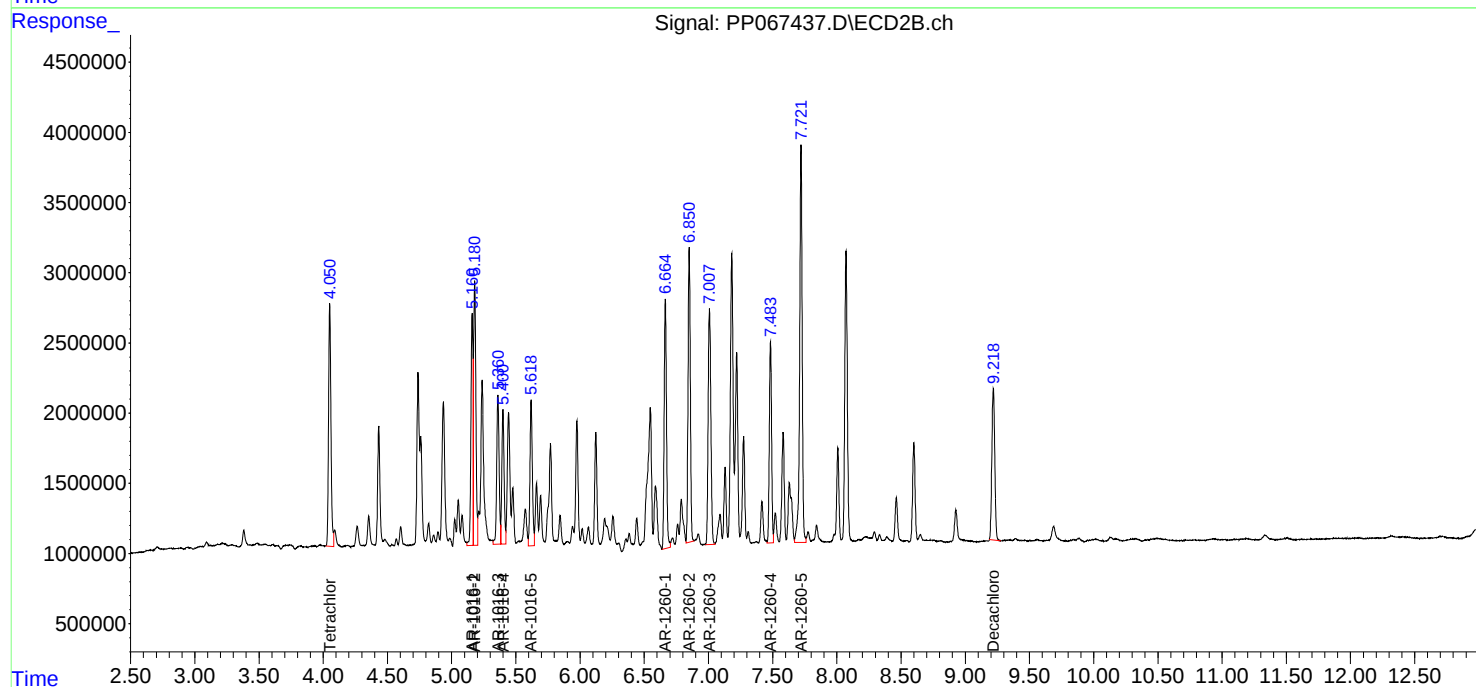
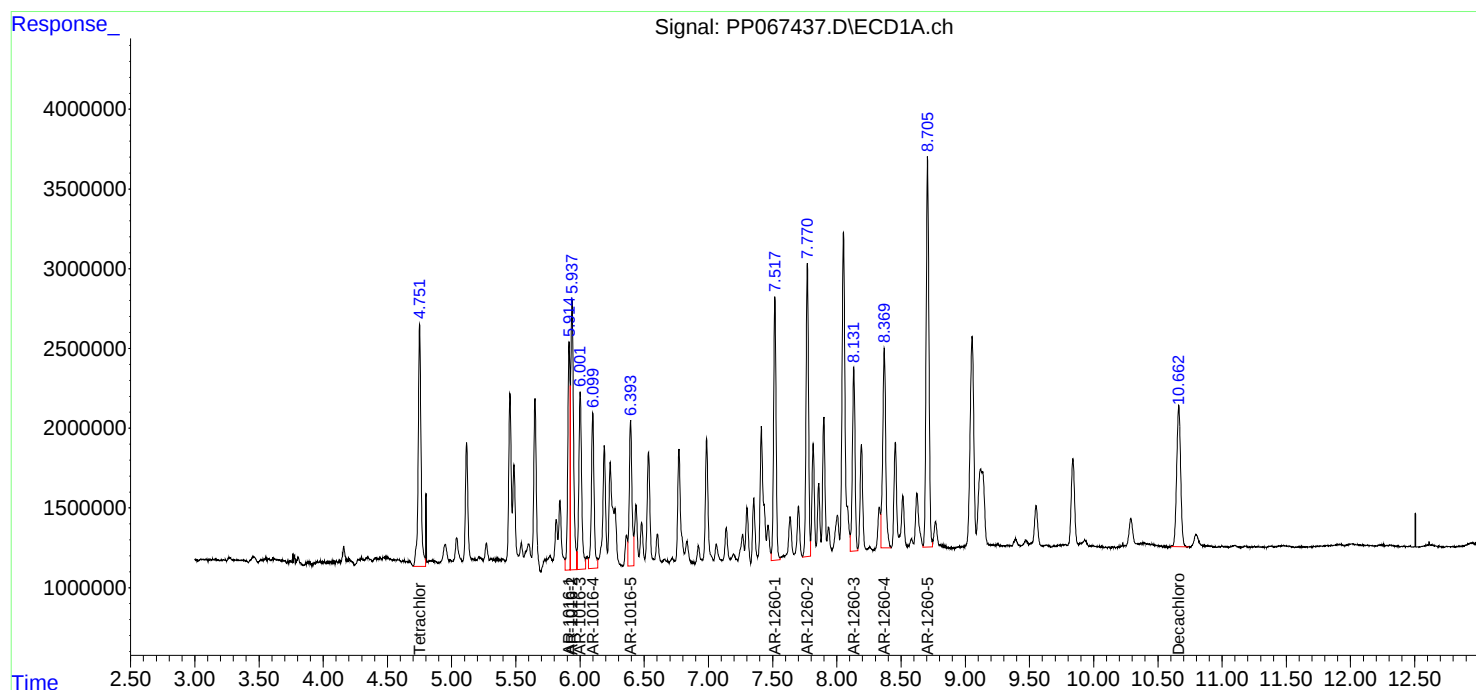
APPROVED

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 00:16:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092624.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 27 06:59:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PP092624	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC1000	PP067269.D	AR-1254-1	yogesh	9/27/2024 8:40:53 AM	Ankita	9/27/2024 11:54:14	Peak Integrated by Software
AR1254ICC1000	PP067269.D	AR-1254-5	yogesh	9/27/2024 8:40:53 AM	Ankita	9/27/2024 11:54:14	Peak Integrated by Software
AR1254ICC750	PP067270.D	AR-1254-1	yogesh	9/27/2024 8:40:54 AM	Ankita	9/27/2024 11:54:15	Peak Integrated by Software
AR1254ICC750	PP067270.D	AR-1254-5	yogesh	9/27/2024 8:40:54 AM	Ankita	9/27/2024 11:54:15	Peak Integrated by Software
AR1254ICC500	PP067271.D	AR-1254-4 #2	yogesh	9/27/2024 8:40:55 AM	Ankita	9/27/2024 11:54:17	Peak Integrated by Software
AR1254ICC250	PP067272.D	AR-1254-1	yogesh	9/27/2024 8:40:57 AM	Ankita	9/27/2024 11:54:19	Peak Integrated by Software
AR1254ICC250	PP067272.D	AR-1254-5	yogesh	9/27/2024 8:40:57 AM	Ankita	9/27/2024 11:54:19	Peak Integrated by Software
AR1254ICC050	PP067273.D	AR-1254-1	yogesh	9/27/2024 8:40:58 AM	Ankita	9/27/2024 11:54:21	Peak Integrated by Software
AR1254ICC050	PP067273.D	AR-1254-5	yogesh	9/27/2024 8:40:58 AM	Ankita	9/27/2024 11:54:21	Peak Integrated by Software

Manual Integration Report

Sequence:	PP100224	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP067428.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:04 AM	Ankita	10/3/2024 10:30:37	Peak Integrated by Software
AR1254CCC500	PP067429.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:07 AM	Ankita	10/3/2024 10:30:39	Peak Integrated by Software
I.BLK	PP067430.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:09 AM	Ankita	10/3/2024 10:30:41	Peak Integrated by Software
PB163832BL	PP067431.D	Decachlorobiphenyl	yogesh	10/3/2024 8:41:12 AM	Ankita	10/3/2024 10:30:43	Peak Integrated by Software
PB163832BS	PP067432.D	Decachlorobiphenyl #2	yogesh	10/9/2024 8:13:41 AM	Ankita	10/9/2024 9:19:45	Peak Integrated by Software
P4255-01MS	PP067436.D	AR-1016-5 #2	yogesh	10/3/2024 8:41:19 AM	Ankita	10/3/2024 10:30:49	Peak Integrated by Software
P4255-01MSD	PP067437.D	AR-1016-5 #2	yogesh	10/3/2024 8:41:21 AM	Ankita	10/3/2024 10:30:51	Peak Integrated by Software
P4255-01MSD	PP067437.D	Tetrachloro-m-xylene	yogesh	10/3/2024 8:41:21 AM	Ankita	10/3/2024 10:30:51	Peak Integrated by Software
AR1660CCC500	PP067441.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:28 AM	Ankita	10/3/2024 10:30:55	Peak Integrated by Software
AR1242CCC500	PP067442.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:31 AM	Ankita	10/3/2024 10:30:57	Peak Integrated by Software
AR1248CCC500	PP067443.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:33 AM	Ankita	10/3/2024 10:30:58	Peak Integrated by Software
AR1254CCC500	PP067444.D	AR-1254-1	yogesh	10/3/2024 8:41:35 AM	Ankita	10/3/2024 10:31:00	Peak Integrated by Software
AR1254CCC500	PP067444.D	AR-1254-1 #2	yogesh	10/3/2024 8:41:35 AM	Ankita	10/3/2024 10:31:00	Peak Integrated by Software

Manual Integration Report

Sequence:	PP100224	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP067444.D	AR-1254-2 #2	yogesh	10/3/2024 8:41:35 AM	Ankita	10/3/2024 10:31:00	Peak Integrated by Software
AR1254CCC500	PP067444.D	AR-1254-5	yogesh	10/3/2024 8:41:35 AM	Ankita	10/3/2024 10:31:00	Peak Integrated by Software
AR1254CCC500	PP067444.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:35 AM	Ankita	10/3/2024 10:31:00	Peak Integrated by Software
I.BLK	PP067445.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:36 AM	Ankita	10/3/2024 10:31:02	Peak Integrated by Software
P4258-03	PP067446.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:38 AM	Ankita	10/3/2024 10:31:03	Peak Integrated by Software
AR1660CCC500	PP067452.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:46 AM	Ankita	10/3/2024 10:31:09	Peak Integrated by Software
AR1242CCC500	PP067453.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:49 AM	Ankita	10/3/2024 10:31:11	Peak Integrated by Software
AR1248CCC500	PP067454.D	AR-1248-4 #2	yogesh	10/3/2024 8:41:51 AM	Ankita	10/3/2024 10:31:12	Peak Integrated by Software
AR1248CCC500	PP067454.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:51 AM	Ankita	10/3/2024 10:31:12	Peak Integrated by Software
AR1254CCC500	PP067455.D	AR-1254-1	yogesh	10/3/2024 8:41:53 AM	Ankita	10/3/2024 10:31:14	Peak Integrated by Software
AR1254CCC500	PP067455.D	AR-1254-1 #2	yogesh	10/3/2024 8:41:53 AM	Ankita	10/3/2024 10:31:14	Peak Integrated by Software
AR1254CCC500	PP067455.D	AR-1254-2	yogesh	10/3/2024 8:41:53 AM	Ankita	10/3/2024 10:31:14	Peak Integrated by Software
AR1254CCC500	PP067455.D	AR-1254-2 #2	yogesh	10/3/2024 8:41:53 AM	Ankita	10/3/2024 10:31:14	Peak Integrated by Software

Manual Integration Report

Sequence:	PP100224	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP067455.D	AR-1254-5	yogesh	10/3/2024 8:41:53 AM	Ankita	10/3/2024 10:31:14	Peak Integrated by Software
AR1254CCC500	PP067455.D	Decachlorobiphenyl #2	yogesh	10/3/2024 8:41:53 AM	Ankita	10/3/2024 10:31:14	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP092624

Review By	yogesh	Review On	9/27/2024 8:41:10 AM
Supervise By	Ankita	Supervise On	9/27/2024 11:54:34 AM
SubDirectory	PP092624	HP Acquire Method	HP Processing Method PP092624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255		
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253		
Internal Standard/PEM			
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP067250.D	26 Sep 2024 16:03	YP\AJ	Ok
2	I.BLK	PP067251.D	26 Sep 2024 16:19	YP\AJ	Ok
3	AR1660ICC1000	PP067252.D	26 Sep 2024 16:35	YP\AJ	Ok
4	AR1660ICC750	PP067253.D	26 Sep 2024 16:51	YP\AJ	Ok
5	AR1660ICC500	PP067254.D	26 Sep 2024 17:08	YP\AJ	Ok
6	AR1660ICC250	PP067255.D	26 Sep 2024 17:24	YP\AJ	Ok
7	AR1660ICC050	PP067256.D	26 Sep 2024 17:40	YP\AJ	Ok
8	AR1221ICC500	PP067257.D	26 Sep 2024 17:56	YP\AJ	Ok
9	AR1232ICC500	PP067258.D	26 Sep 2024 18:12	YP\AJ	Ok
10	AR1242ICC1000	PP067259.D	26 Sep 2024 18:28	YP\AJ	Ok
11	AR1242ICC750	PP067260.D	26 Sep 2024 18:45	YP\AJ	Ok
12	AR1242ICC500	PP067261.D	26 Sep 2024 19:01	YP\AJ	Ok
13	AR1242ICC250	PP067262.D	26 Sep 2024 19:17	YP\AJ	Ok
14	AR1242ICC050	PP067263.D	26 Sep 2024 19:33	YP\AJ	Ok
15	AR1248ICC1000	PP067264.D	26 Sep 2024 19:49	YP\AJ	Ok
16	AR1248ICC750	PP067265.D	26 Sep 2024 20:05	YP\AJ	Ok
17	AR1248ICC500	PP067266.D	26 Sep 2024 20:21	YP\AJ	Ok
18	AR1248ICC250	PP067267.D	26 Sep 2024 20:38	YP\AJ	Ok
19	AR1248ICC050	PP067268.D	26 Sep 2024 20:54	YP\AJ	Ok
20	AR1254ICC1000	PP067269.D	26 Sep 2024 21:10	YP\AJ	Ok,M
21	AR1254ICC750	PP067270.D	26 Sep 2024 21:26	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP092624

Review By	yogesh	Review On	9/27/2024 8:41:10 AM
Supervise By	Ankita	Supervise On	9/27/2024 11:54:34 AM
SubDirectory	PP092624	HP Acquire Method	HP Processing Method PP092624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255		
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253		
Internal Standard/PEM			
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP067271.D	26 Sep 2024 21:42	YP\AJ	Ok,M
23	AR1254ICC250	PP067272.D	26 Sep 2024 21:58	YP\AJ	Ok,M
24	AR1254ICC050	PP067273.D	26 Sep 2024 22:14	YP\AJ	Ok,M
25	AR1262ICC500	PP067274.D	26 Sep 2024 22:30	YP\AJ	Ok
26	AR1268ICC1000	PP067275.D	26 Sep 2024 22:47	YP\AJ	Ok
27	AR1268ICC750	PP067276.D	26 Sep 2024 23:03	YP\AJ	Ok
28	AR1268ICC500	PP067277.D	26 Sep 2024 23:19	YP\AJ	Ok
29	AR1268ICC250	PP067278.D	26 Sep 2024 23:35	YP\AJ	Ok
30	AR1268ICC050	PP067279.D	26 Sep 2024 23:51	YP\AJ	Ok
31	PP092624ICV500	PP067280.D	27 Sep 2024 00:07	YP\AJ	Ok
32	AR1242ICV500	PP067281.D	27 Sep 2024 00:23	YP\AJ	Ok
33	AR1248ICV500	PP067282.D	27 Sep 2024 00:39	YP\AJ	Ok
34	AR1254ICV500	PP067283.D	27 Sep 2024 00:56	YP\AJ	Ok
35	AR1268ICV500	PP067284.D	27 Sep 2024 01:12	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100224

Review By	yogesh	Review On	10/3/2024 8:42:13 AM
Supervise By	Ankita	Supervise On	10/3/2024 10:31:34 AM
SubDirectory	PP100224	HP Acquire Method	HP Processing Method PP092624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255		
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253		
Internal Standard/PEM			
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP067421.D	02 Oct 2024 08:48	YP\AJ	Ok
2	AR1660CCC500	PP067422.D	02 Oct 2024 09:04	YP\AJ	Ok
3	I.BLK	PP067423.D	02 Oct 2024 09:23	YP\AJ	Ok
4	P4249-02DL	PP067424.D	02 Oct 2024 09:39	YP\AJ	Ok
5	P4249-03DL	PP067425.D	02 Oct 2024 09:55	YP\AJ	Ok
6	AR1660CCC500	PP067426.D	02 Oct 2024 13:34	YP\AJ	Ok
7	AR1242CCC500	PP067427.D	02 Oct 2024 13:50	YP\AJ	Ok
8	AR1248CCC500	PP067428.D	02 Oct 2024 14:06	YP\AJ	Ok,M
9	AR1254CCC500	PP067429.D	02 Oct 2024 14:22	YP\AJ	Ok,M
10	I.BLK	PP067430.D	02 Oct 2024 14:38	YP\AJ	Ok,M
11	PB163832BL	PP067431.D	02 Oct 2024 14:54	YP\AJ	Ok,M
12	PB163832BS	PP067432.D	02 Oct 2024 15:11	YP\AJ	Ok,M
13	P4242-01	PP067433.D	02 Oct 2024 15:27	YP\AJ	Ok
14	P4254-01	PP067434.D	02 Oct 2024 15:43	YP\AJ	Not Ok
15	P4255-01	PP067435.D	02 Oct 2024 15:59	YP\AJ	Ok,M
16	P4255-01MS	PP067436.D	02 Oct 2024 16:15	YP\AJ	Ok,M
17	P4255-01MSD	PP067437.D	02 Oct 2024 16:31	YP\AJ	Ok,M
18	P4256-01	PP067438.D	02 Oct 2024 16:47	YP\AJ	Ok
19	P4256-02	PP067439.D	02 Oct 2024 17:03	YP\AJ	Ok,M
20	P4257-01	PP067440.D	02 Oct 2024 17:19	YP\AJ	Ok,M
21	AR1660CCC500	PP067441.D	02 Oct 2024 20:39	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100224

Review By	yogesh	Review On	10/3/2024 8:42:13 AM
Supervise By	Ankita	Supervise On	10/3/2024 10:31:34 AM
SubDirectory	PP100224	HP Acquire Method	HP Processing Method PP092624
STD. NAME	STD REF.#		
Tune/Reschk	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253		
LCS Standard	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273		

22	AR1242CCC500	PP067442.D	02 Oct 2024 21:12	YP\AJ	Ok,M
23	AR1248CCC500	PP067443.D	02 Oct 2024 22:27	YP\AJ	Ok,M
24	AR1254CCC500	PP067444.D	02 Oct 2024 22:43	YP\AJ	Ok,M
25	I.BLK	PP067445.D	02 Oct 2024 22:59	YP\AJ	Ok,M
26	P4258-03	PP067446.D	02 Oct 2024 23:15	YP\AJ	Ok,M
27	PB163840BL	PP067447.D	02 Oct 2024 23:31	YP\AJ	Ok,M
28	PB163840BS	PP067448.D	02 Oct 2024 23:47	YP\AJ	Ok
29	PB163840BSD	PP067449.D	03 Oct 2024 00:03	YP\AJ	Ok,M
30	P4235-02	PP067450.D	03 Oct 2024 00:19	YP\AJ	Ok,M
31	P4254-05	PP067451.D	03 Oct 2024 00:35	YP\AJ	Ok
32	AR1660CCC500	PP067452.D	03 Oct 2024 02:06	YP\AJ	Ok,M
33	AR1242CCC500	PP067453.D	03 Oct 2024 02:22	YP\AJ	Ok,M
34	AR1248CCC500	PP067454.D	03 Oct 2024 02:38	YP\AJ	Ok,M
35	AR1254CCC500	PP067455.D	03 Oct 2024 02:54	YP\AJ	Ok,M
36	I.BLK	PP067456.D	03 Oct 2024 03:10	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP092624

Review By	yogesh	Review On	9/27/2024 8:41:10 AM
Supervise By	Ankita	Supervise On	9/27/2024 11:54:34 AM
SubDirectory	PP092624	HP Acquire Method	HP Processing Method PP092624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253
Internal Standard/PEM	
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP067250.D	26 Sep 2024 16:03		YP\AJ	Ok
2	I.BLK	I.BLK	PP067251.D	26 Sep 2024 16:19		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP067252.D	26 Sep 2024 16:35		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP067253.D	26 Sep 2024 16:51		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP067254.D	26 Sep 2024 17:08		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP067255.D	26 Sep 2024 17:24		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP067256.D	26 Sep 2024 17:40		YP\AJ	Ok
8	AR1221ICC500	AR1221ICC500	PP067257.D	26 Sep 2024 17:56		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP067258.D	26 Sep 2024 18:12		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP067259.D	26 Sep 2024 18:28		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP067260.D	26 Sep 2024 18:45		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP067261.D	26 Sep 2024 19:01		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP067262.D	26 Sep 2024 19:17		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP067263.D	26 Sep 2024 19:33		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP067264.D	26 Sep 2024 19:49		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP067265.D	26 Sep 2024 20:05		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP067266.D	26 Sep 2024 20:21		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP067267.D	26 Sep 2024 20:38		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP092624

Review By	yogesh	Review On	9/27/2024 8:41:10 AM
Supervise By	Ankita	Supervise On	9/27/2024 11:54:34 AM
SubDirectory	PP092624	HP Acquire Method	HP Processing Method PP092624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,P P23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP 23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255		
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253		
Internal Standard/PEM			
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP067268.D	26 Sep 2024 20:54		YPIAJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP067269.D	26 Sep 2024 21:10		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP067270.D	26 Sep 2024 21:26		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP067271.D	26 Sep 2024 21:42		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP067272.D	26 Sep 2024 21:58		YPIAJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP067273.D	26 Sep 2024 22:14		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP067274.D	26 Sep 2024 22:30		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP067275.D	26 Sep 2024 22:47		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP067276.D	26 Sep 2024 23:03		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP067277.D	26 Sep 2024 23:19		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP067278.D	26 Sep 2024 23:35		YPIAJ	Ok
30	AR1268ICC050	AR1268ICC050	PP067279.D	26 Sep 2024 23:51		YPIAJ	Ok
31	PP092624ICV500	ICVPP092624	PP067280.D	27 Sep 2024 00:07		YPIAJ	Ok
32	AR1242ICV500	ICVPP092624AR1242	PP067281.D	27 Sep 2024 00:23		YPIAJ	Ok
33	AR1248ICV500	ICVPP092624AR1248	PP067282.D	27 Sep 2024 00:39		YPIAJ	Ok
34	AR1254ICV500	ICVPP092624AR1254	PP067283.D	27 Sep 2024 00:56		YPIAJ	Ok
35	AR1268ICV500	ICVPP092624AR1268	PP067284.D	27 Sep 2024 01:12		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100224

Review By	yogesh	Review On	10/3/2024 8:42:13 AM
Supervise By	Ankita	Supervise On	10/3/2024 10:31:34 AM
SubDirectory	PP100224	HP Acquire Method	HP Processing Method PP092624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,PP23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255		
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253		
Internal Standard/PEM			
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP067421.D	02 Oct 2024 08:48		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP067422.D	02 Oct 2024 09:04		YP\AJ	Ok
3	I.BLK	I.BLK	PP067423.D	02 Oct 2024 09:23		YP\AJ	Ok
4	P4249-02DL	RV-26(2-2.5)DL	PP067424.D	02 Oct 2024 09:39	AR1260 Hit	YP\AJ	Ok
5	P4249-03DL	RV-27(2-2.5)DL	PP067425.D	02 Oct 2024 09:55	AR1260 Hit	YP\AJ	Ok
6	AR1660CCC500	AR1660CCC500	PP067426.D	02 Oct 2024 13:34		YP\AJ	Ok
7	AR1242CCC500	AR1242CCC500	PP067427.D	02 Oct 2024 13:50		YP\AJ	Ok
8	AR1248CCC500	AR1248CCC500	PP067428.D	02 Oct 2024 14:06		YP\AJ	Ok,M
9	AR1254CCC500	AR1254CCC500	PP067429.D	02 Oct 2024 14:22		YP\AJ	Ok,M
10	I.BLK	I.BLK	PP067430.D	02 Oct 2024 14:38		YP\AJ	Ok,M
11	PB163832BL	PB163832BL	PP067431.D	02 Oct 2024 14:54		YP\AJ	Ok,M
12	PB163832BS	PB163832BS	PP067432.D	02 Oct 2024 15:11		YP\AJ	Ok,M
13	P4242-01	TP-Q	PP067433.D	02 Oct 2024 15:27		YP\AJ	Ok
14	P4254-01	MH-147-SLUDGE	PP067434.D	02 Oct 2024 15:43	DCB fail in both column, TCMX low in 2nd column	YP\AJ	Not Ok
15	P4255-01	OR-03-100124	PP067435.D	02 Oct 2024 15:59		YP\AJ	Ok,M
16	P4255-01MS	OR-03-100124MS	PP067436.D	02 Oct 2024 16:15		YP\AJ	Ok,M
17	P4255-01MSD	OR-03-100124MSD	PP067437.D	02 Oct 2024 16:31		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100224

Review By	yogesh	Review On	10/3/2024 8:42:13 AM	
Supervise By	Ankita	Supervise On	10/3/2024 10:31:34 AM	
SubDirectory	PP100224	HP Acquire Method	HP Processing Method	PP092624
STD. NAME		STD REF.#		
Tune/Reschk				
Initial Calibration Stds		PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,P P23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP 23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255		
CCC		PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253		
Internal Standard/PEM				
ICV/I.BLK		PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273		
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

18	P4256-01	585	PP067438.D	02 Oct 2024 16:47		YPIAJ	Ok
19	P4256-02	31480	PP067439.D	02 Oct 2024 17:03		YPIAJ	Ok,M
20	P4257-01	VNJ-240	PP067440.D	02 Oct 2024 17:19		YPIAJ	Ok,M
21	AR1660CCC500	AR1660CCC500	PP067441.D	02 Oct 2024 20:39	AR1016 2&3 peak low in 1st column	YPIAJ	Ok,M
22	AR1242CCC500	AR1242CCC500	PP067442.D	02 Oct 2024 21:12		YPIAJ	Ok,M
23	AR1248CCC500	AR1248CCC500	PP067443.D	02 Oct 2024 22:27		YPIAJ	Ok,M
24	AR1254CCC500	AR1254CCC500	PP067444.D	02 Oct 2024 22:43		YPIAJ	Ok,M
25	I.BLK	I.BLK	PP067445.D	02 Oct 2024 22:59		YPIAJ	Ok,M
26	P4258-03	Chamberlain Ave	PP067446.D	02 Oct 2024 23:15		YPIAJ	Ok,M
27	PB163840BL	PB163840BL	PP067447.D	02 Oct 2024 23:31		YPIAJ	Ok,M
28	PB163840BS	PB163840BS	PP067448.D	02 Oct 2024 23:47		YPIAJ	Ok
29	PB163840BSD	PB163840BSD	PP067449.D	03 Oct 2024 00:03		YPIAJ	Ok,M
30	P4235-02	A1403	PP067450.D	03 Oct 2024 00:19		YPIAJ	Ok,M
31	P4254-05	MH-147	PP067451.D	03 Oct 2024 00:35		YPIAJ	Ok
32	AR1660CCC500	AR1660CCC500	PP067452.D	03 Oct 2024 02:06		YPIAJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP067453.D	03 Oct 2024 02:22		YPIAJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP067454.D	03 Oct 2024 02:38		YPIAJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP067455.D	03 Oct 2024 02:54		YPIAJ	Ok,M
36	I.BLK	I.BLK	PP067456.D	03 Oct 2024 03:10		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100224

Review By	yogesh	Review On	10/3/2024 8:42:13 AM
Supervise By	Ankita	Supervise On	10/3/2024 10:31:34 AM
SubDirectory	PP100224	HP Acquire Method	HP Processing Method PP092624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23216,PP23217,PP23218,PP23219,PP23220,PP23221,PP23222,PP23223,PP23224,PP23225,PP23226,PP23227,PP23228,PP23229,PP23230,P P23231,PP23232,PP23233,PP23234,PP23235,PP23236,PP23237,PP23238,PP23239,PP23240,PP23241,PP23242,PP23243,PP23244,PP23245,PP 23246,PP23247,PP23248,PP23249,PP23250,PP23251,PP23252,PP23253,PP23254,PP23255		
CCC	PP23218,PP23223,PP23228,PP23233,PP23238,PP23243,PP23248,PP23253		
Internal Standard/PEM			
ICV/I.BLK	PP23259,PP23579,PP23263,PP23265,PP23267,PP23269,PP23271,PP23273		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

M : Manual Integration

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

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

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

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

Extraction Start Date : 10/02/2024

Extraction Start Time : 08:30

Extraction End Date : 10/02/2024

Extraction End Time : 11:30

Concentration By: EH

Supervisor By : rajesh

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

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23640
Surrogate	1.0ML	200 PPB	PP23641
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	EP2539
Baked Na2SO4	N/A	EP2541
Sand	N/A	E2865
Hexane	N/A	E3805
H2SO4 1:1	N/A	EP2524
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 Vial lot# 03-40 BTS721, P4256-01,02 Limited volume used as samples are Oily Debries.

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
10/2/24	RP/Ext. Lab	AJ/EST RA Lab
11:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 10/02/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB163832BL	ABLK832	PCB	30.02	N/A	ritesh	Evelyn	10			U1-1
PB163832BS	ALCS832	PCB	30.03	N/A	ritesh	Evelyn	10			2
P4242-01	TP-Q	PCB	30.04	N/A	ritesh	Evelyn	10	B		3
P4254-01	MH-147-SLUDGE	PCB	30.07	N/A	ritesh	Evelyn	10	B	Sludge	4
P4255-01	OR-03-100124	PCB	30.02	N/A	ritesh	Evelyn	10	E		5
P4255-01MS	OR-03-100124MS	PCB	30.06	N/A	ritesh	Evelyn	10	E		6
P4255-01MS D	OR-03-100124MSD	PCB	30.01	N/A	ritesh	Evelyn	10	E		U5-1
P4256-01	585	PCB	5.04	N/A	ritesh	Evelyn	10	B	Oily Debris+Small Particles	2
P4256-02	31480	PCB	5.03	N/A	ritesh	Evelyn	10	B	Oily Debris	3
P4257-01	VNJ-240	PCB	30.06	N/A	ritesh	Evelyn	10	B		4
P4258-03	CHAMBERLAIN AVE	PCB	30.05	N/A	ritesh	Evelyn	10	B		5

* Extracts relinquished on the same date as received.

10/2/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4242

WorkList ID : 184020

Department : Extraction

Date : 10-02-2024 08:20:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4242-01	TP-Q	Solid	PCB	Cool 4 deg C	PSEG03	J51	10/01/2024	8082A
P4254-01	MH-147-SLUDGE	Solid	PCB	Cool 4 deg C	PSEG03	J51	10/01/2024	8082A
P4255-01	OR-03-100124	Solid	PCB	Cool 4 deg C	PSEG05	J51	10/01/2024	8082A
P4256-01	585	Solid	PCB	Cool 4 deg C	PSEG03	J51	10/01/2024	8082A
P4256-02	31480	Solid	PCB	Cool 4 deg C	PSEG03	J51	10/01/2024	8082A
P4257-01	VNJ-240	Solid	PCB	Cool 4 deg C	PSEG03	J51	10/01/2024	8082A
P4258-03	Chamberlain Ave	Solid	PCB	Cool 4 deg C	ROMA02	H51	10/01/2024	8082A

Date/Time 10/2/24 8:25
 Raw Sample Received by: RJ (Ext 104)
 Raw Sample Relinquished by: JDCSM

Date/Time 10/2/24 8:55
 Raw Sample Received by: JDCSM
 Raw Sample Relinquished by: RJ (Ext 104)

LAB CHRONICLE

OrderID:	P4258	OrderDate:	10/1/2024 1:21:00 PM
Client:	Roman E&G Corp	Project:	Perth Amboy
Contact:	Mark Mattheiss	Location:	H11,H51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4258-03	Chamberlain Ave	SOIL	PCB	8082A	10/01/24	10/02/24	10/02/24	10/01/24
P4258-04	Chamberlain Ave	TCLP	TCLP Herbicide	8151A	10/01/24	10/03/24	10/04/24	10/01/24
			TCLP Pesticide	8081B		10/03/24	10/03/24	