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

Raw Data: **PS027908.D**

Alliance TECHNICAL GROUP
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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:	Chamberlain Ave	SDG No.:	P4258
Lab Sample ID:	P4258-03	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	86 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027908.D	1	10/11/24 08:31	10/11/24 18:27	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	10.1	U	10.1	77.8	ug/Kg
120-36-5	DICHLORPROP	11.1	U	11.1	77.8	ug/Kg
94-75-7	2,4-D	14.1	U	14.1	77.8	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.9	U	10.9	77.8	ug/Kg
93-76-5	2,4,5-T	11.7	U	11.7	77.8	ug/Kg
94-82-6	2,4-DB	21.3	U	21.3	77.8	ug/Kg
88-85-7	DINOSEB	14.4	U	14.4	77.8	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	257		10 - 141	51%	SPK: 500

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

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Surrogate Summary

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PS027854.D	PIBLK-PS027854.D	2,4-DCAA	1	500	510	102		39	175
		2,4-DCAA	2	500	479	96		39	175
I.BLK-PS027904.D	PIBLK-PS027904.D	2,4-DCAA	1	500	520	104		39	175
		2,4-DCAA	2	500	485	97		39	175
PB164060BL	PB164060BL	2,4-DCAA	1	500	487	97		10	141
		2,4-DCAA	2	500	436	87		10	141
PB164060BS	PB164060BS	2,4-DCAA	1	500	590	118		10	141
		2,4-DCAA	2	500	532	106		10	141
P4258-03	Chamberlain Ave	2,4-DCAA	1	500	257	51		10	141
		2,4-DCAA	2	500	190	38		10	141
P4385-02MS	SP-1MS	2,4-DCAA	1	500	490	98		10	141
		2,4-DCAA	2	500	361	72		10	141
P4385-02MSD	SP-1MSD	2,4-DCAA	1	500	511	102		10	141
		2,4-DCAA	2	500	371	74		10	141
I.BLK-PS027915.D	PIBLK-PS027915.D	2,4-DCAA	1	500	518	104		39	175
		2,4-DCAA	2	500	484	97		39	175

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8151A **DataFile :** PS027910.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SP-1MS**											
P4385-02MS	DICAMBA	178	0	94.8	ug/Kg	53				10	112	
	DICHLORPROP	178	0	80.0	ug/Kg	45				10	113	
	2,4-D	178	0	102	ug/Kg	57				10	144	
	2,4,5-TP(Silvex)	178	0	56.7	ug/Kg	32				10	114	
	2,4,5-T	178	0	72.3	ug/Kg	41				10	115	
	2,4-DB	178	0	88.2	ug/Kg	50				10	140	
	Dinoseb	178	0	0	ug/Kg	0	*			10	118	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8151A **DataFile :** PS027911.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SP-1MSD**											
P4385-02MSD	DICAMBA	178.1	0	96.3	ug/Kg	54		2		10	112	20
	DICHLORPROP	178.1	0	81.1	ug/Kg	46		2		10	113	20
	2,4-D	178.1	0	101	ug/Kg	57		0		10	144	20
	2,4,5-TP(Silvex)	178.1	0	55.6	ug/Kg	31		3		10	114	20
	2,4,5-T	178.1	0	71.4	ug/Kg	40		2		10	115	20
	2,4-DB	178.1	0	55.3	ug/Kg	31		47	*	10	140	20
	Dinoseb	178.1	0	0	ug/Kg	0	*	0		10	118	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: 8151A **Datafile :** PS027907.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164060BS	DICAMBA	166.6	160	ug/Kg	96				72	129	
	DICHLORPROP	166.6	170	ug/Kg	102				77	135	
	2,4-D	166.6	197	ug/Kg	118				65	144	
	2,4,5-TP(Silvex)	166.6	176	ug/Kg	106				74	146	
	2,4,5-T	166.6	164	ug/Kg	98				77	134	
	2,4-DB	166.6	186	ug/Kg	112				72	122	
	Dinoseb	166.6	162	ug/Kg	97				74	132	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164060BL

Lab Name: CHEMTECH Contract: ROMA02

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

Lab Sample ID: PB164060BL Lab File ID: PS027906.D

Matrix: (soil/water) Solid Extraction: (Type)

Sulfur Cleanup: (Y/N) N Date Extracted: 10/11/2024

Date Analyzed (1): 10/11/2024 Date Analyzed (2): 10/11/2024

Time Analyzed (1): 17:39 Time Analyzed (2): 17:39

Instrument ID (1): ECD_S Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) GC Column (2): RTX-CLP2 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
PB164060BS	PB164060BS	PS027907.D	10/11/2024	10/11/2024
Chamberlain Ave	P4258-03	PS027908.D	10/11/2024	10/11/2024
SP-1MS	P4385-02MS	PS027910.D	10/11/2024	10/11/2024
SP-1MSD	P4385-02MSD	PS027911.D	10/11/2024	10/11/2024

COMMENTS:

QC SAMPLE DATA

Raw Data: **PS027906.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	PB164060BL	SDG No.:	P4258
Lab Sample ID:	PB164060BL	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027906.D	1	10/11/24 08:31	10/11/24 17:39	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.70	U	8.70	67.0	ug/Kg
120-36-5	DICHLORPROP	9.50	U	9.50	67.0	ug/Kg
94-75-7	2,4-D	12.1	U	12.1	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.40	U	9.40	67.0	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	67.0	ug/Kg
94-82-6	2,4-DB	18.3	U	18.3	67.0	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	487		10 - 141	97%	SPK: 500

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

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Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/07/24
Project:	Perth Amboy	Date Received:	10/07/24
Client Sample ID:	PIBLK-PS027854.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PS027854.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027854.D	1		10/07/24	PS100724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	510		39 - 175	102%	SPK: 500

Comments:

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Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/11/24
Project:	Perth Amboy	Date Received:	10/11/24
Client Sample ID:	PIBLK-PS027904.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PS027904.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027904.D	1		10/11/24	PS101124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	520		39 - 175	104%	SPK: 500

Comments:

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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/11/24
Project:	Perth Amboy	Date Received:	10/11/24
Client Sample ID:	PIBLK-PS027915.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PS027915.D	Matrix:	WATER
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027915.D	1		10/11/24	PS101124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.42	U	0.42	2.00	ug/L
120-36-5	DICHLORPROP	0.43	U	0.43	2.00	ug/L
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
93-76-5	2,4,5-T	0.50	U	0.50	2.00	ug/L
94-82-6	2,4-DB	0.57	U	0.57	2.00	ug/L
88-85-7	DINOSEB	0.55	U	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	518		39 - 175	104%	SPK: 500

Comments:

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Raw Data: **PS027907.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp		Date Collected:		
Project:	Perth Amboy		Date Received:		
Client Sample ID:	PB164060BS		SDG No.:	P4258	
Lab Sample ID:	PB164060BS		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027907.D	1	10/11/24 08:31	10/11/24 18:03	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	160		8.70	67.0	ug/Kg
120-36-5	DICHLORPROP	170		9.50	67.0	ug/Kg
94-75-7	2,4-D	197		12.1	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	176		9.40	67.0	ug/Kg
93-76-5	2,4,5-T	164		10.1	67.0	ug/Kg
94-82-6	2,4-DB	186		18.3	67.0	ug/Kg
88-85-7	DINOSEB	162		12.4	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	590		10 - 141	118%	SPK: 500

Comments:

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Raw Data: **PS027910.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/10/24
Project:	Perth Amboy	Date Received:	10/10/24
Client Sample ID:	SP-1MS	SDG No.:	P4258
Lab Sample ID:	P4385-02MS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027910.D	1	10/11/24 08:31	10/11/24 19:15	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	94.8		9.30	71.5	ug/Kg
120-36-5	DICHLORPROP	80.0		10.2	71.5	ug/Kg
94-75-7	2,4-D	102		12.9	71.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	56.7	J	10.0	71.5	ug/Kg
93-76-5	2,4,5-T	72.3		10.8	71.5	ug/Kg
94-82-6	2,4-DB	88.2	P	19.5	71.5	ug/Kg
88-85-7	DINOSEB	13.2	U	13.2	71.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	490		10 - 141	98%	SPK: 500

Comments:

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() = Laboratory InHouse Limit

Raw Data: **PS027911.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/10/24
Project:	Perth Amboy	Date Received:	10/10/24
Client Sample ID:	SP-1MSD	SDG No.:	P4258
Lab Sample ID:	P4385-02MSD	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS027911.D	1	10/11/24 08:31	10/11/24 19:39	PB164060

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	96.3		9.30	71.6	ug/Kg
120-36-5	DICHLORPROP	81.1		10.2	71.6	ug/Kg
94-75-7	2,4-D	101		12.9	71.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	55.6	J	10.0	71.6	ug/Kg
93-76-5	2,4,5-T	71.4	J	10.8	71.6	ug/Kg
94-82-6	2,4-DB	55.3	J	19.6	71.6	ug/Kg
88-85-7	DINOSEB	13.3	U	13.3	71.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	511		10 - 141	102%	SPK: 500

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

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ROMA02

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

Instrument ID: ECD_S **Calibration Date(s):** 10/07/2024 10/07/2024

Calibration Times: 11:12 12:47

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS027855.D RT 500 = PS027856.D

RT 750 = PS027857.D RT 1000 = PS027858.D RT 1500 = PS027859.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.33	9.32	9.32	9.32	9.32	9.32	9.22	9.42
2,4,5-TP(Silvex)	9.04	9.04	9.04	9.04	9.04	9.04	8.94	9.14
2,4-D	8.19	8.19	8.19	8.19	8.19	8.19	8.09	8.29
2,4-DB	9.89	9.89	9.89	9.89	9.88	9.89	9.79	9.99
2,4-DCAA	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
DICAMBA	7.28	7.28	7.28	7.28	7.28	7.28	7.18	7.38
DICHLORPROP	7.97	7.96	7.96	7.96	7.96	7.96	7.86	8.06
Dinoseb	11.07	11.06	11.06	11.06	11.06	11.06	10.96	11.16

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: ROMA02

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

Instrument ID: ECD_S **Calibration Date(s):** 10/07/2024 10/07/2024

Calibration Times: 11:12 12:47

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS027855.D RT 500 = PS027856.D

RT 750 = PS027857.D RT 1000 = PS027858.D RT 1500 = PS027859.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.16	10.16	10.16	10.16	10.16	10.16	10.06	10.26
2,4,5-TP(Silvex)	9.74	9.74	9.74	9.75	9.74	9.74	9.64	9.84
2,4-D	8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
2,4-DB	10.72	10.72	10.72	10.72	10.72	10.72	10.62	10.82
2,4-DCAA	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
DICAMBA	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
DICHLORPROP	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63
Dinoseb	11.09	11.09	11.09	11.10	11.10	11.09	10.99	11.19

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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_S **Calibration Date(s):** 10/07/2024 10/07/2024

Calibration Times: 11:12 12:47

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS027855.D **CF 500 =** PS027856.D

CF 750 = PS027857.D **CF 1000 =** PS027858.D **CF 1500 =** PS027859.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	18343600000	16688400000	15979100000	15233500000	14618600000	16172600000	9
2,4,5-TP(Silvex)	17880800000	16295200000	15561300000	14860800000	14230700000	15765800000	9
2,4-D	4035830000	3400610000	3232540000	3118050000	3033140000	3364040000	12
2,4-DB	2919030000	2604920000	2538650000	2470580000	2435210000	2593680000	7
2,4-DCAA	3212120000	2729210000	2603700000	2494650000	2431770000	2694290000	12
DICAMBA	12294700000	11042300000	10774300000	10345200000	10089200000	10909100000	8
DICHLORPROP	3386110000	2901560000	2764510000	2668690000	2587880000	2861750000	11
Dinoseb	12428700000	10842500000	10254000000	9696060000	9493690000	10543000000	11

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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_S **Calibration Date(s):** 10/07/2024 10/07/2024

Calibration Times: 11:12 12:47

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS027855.D **CF 500 =** PS027856.D

CF 750 = PS027857.D **CF 1000 =** PS027858.D **CF 1500 =** PS027859.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	4247070000	4175740000	4737450000	3839740000	4526220000	4305240000	8
2,4,5-TP(Silvex)	4779860000	4999670000	5205360000	4527870000	5258550000	4954260000	6
2,4-D	1095340000	1009530000	1028930000	859895000	1017690000	1002280000	9
2,4-DB	511522000	522251000	524993000	441664000	531313000	506349000	7
2,4-DCAA	1083730000	982125000	983055000	920328000	999193000	993686000	6
DICAMBA	3377710000	3467820000	3634070000	3257360000	3648910000	3477170000	5
DICHLORPROP	1101380000	970842000	1031010000	847032000	984460000	986945000	9
Dinoseb	3358670000	3406870000	3546900000	3079720000	3498040000	3378040000	5

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CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

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

Continuing Calib Date: 10/11/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 10:37 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.27	7.28	7.18	7.38	0.01
2,4-DCAA	7.10	7.10	7.00	7.20	0.01
DICHLORPROP	7.96	7.96	7.86	8.06	0.00
2,4-D	8.18	8.19	8.09	8.29	0.01
2,4,5-TP(Silvex)	9.03	9.04	8.94	9.14	0.01
2,4,5-T	9.32	9.32	9.22	9.42	0.00
2,4-DB	9.88	9.89	9.79	9.99	0.01
Dinoseb	11.06	11.06	10.96	11.16	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

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

Continuing Calib Date: 10/11/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 10:37 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.82	7.82	7.72	7.92	0.00
2,4-DCAA	7.62	7.63	7.53	7.73	0.01
DICHLORPROP	8.52	8.53	8.43	8.63	0.01
2,4-D	8.85	8.85	8.75	8.95	0.00
2,4,5-TP(Silvex)	9.74	9.74	9.64	9.84	0.00
2,4,5-T	10.15	10.16	10.06	10.26	0.01
2,4-DB	10.71	10.72	10.62	10.82	0.01
Dinoseb	11.09	11.09	10.99	11.19	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

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

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/11/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027905.D **Time Analyzed:** 10:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.318	9.223	9.423	719.450	712.500	1.0
2,4,5-TP(Silvex)	9.034	8.938	9.138	717.440	712.500	0.7
2,4-D	8.181	8.085	8.285	686.600	705.000	-2.6
2,4-DB	9.881	9.785	9.985	702.270	712.500	-1.4
2,4-DCAA	7.095	6.998	7.198	735.100	750.000	-2.0
DICAMBA	7.274	7.177	7.377	705.590	705.000	0.1
DICHLORPROP	7.959	7.863	8.063	695.860	705.000	-1.3
Dinoseb	11.057	10.961	11.161	707.700	705.000	0.4

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CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

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

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/11/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027905.D **Time Analyzed:** 10:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.153	10.058	10.258	708.250	712.500	-0.6
2,4,5-TP(Silvex)	9.739	9.643	9.843	721.720	712.500	1.3
2,4-D	8.849	8.752	8.952	672.380	705.000	-4.6
2,4-DB	10.714	10.619	10.819	705.100	712.500	-1.0
2,4-DCAA	7.622	7.528	7.728	698.610	750.000	-6.9
DICAMBA	7.817	7.722	7.922	732.660	705.000	3.9
DICHLORPROP	8.524	8.428	8.628	690.830	705.000	-2.0
Dinoseb	11.088	10.993	11.193	705.540	705.000	0.1

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CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

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

Continuing Calib Date: 10/11/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 21:38 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.27	7.28	7.18	7.38	0.01
2,4-DCAA	7.10	7.10	7.00	7.20	0.01
DICHLORPROP	7.96	7.96	7.86	8.06	0.00
2,4-D	8.18	8.19	8.09	8.29	0.01
2,4,5-TP(Silvex)	9.04	9.04	8.94	9.14	0.01
2,4,5-T	9.32	9.32	9.22	9.42	0.00
2,4-DB	9.88	9.89	9.79	9.99	0.01
Dinoseb	11.06	11.06	10.96	11.16	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

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

Continuing Calib Date: 10/11/2024 **Initial Calibration Date(s):** 10/07/2024 10/07/2024

Continuing Calib Time: 21:38 **Initial Calibration Time(s):** 11:12 12:47

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.82	7.82	7.72	7.92	0.00
2,4-DCAA	7.62	7.63	7.53	7.73	0.01
DICHLORPROP	8.52	8.53	8.43	8.63	0.01
2,4-D	8.85	8.85	8.75	8.95	0.00
2,4,5-TP(Silvex)	9.74	9.74	9.64	9.84	0.00
2,4,5-T	10.15	10.16	10.06	10.26	0.01
2,4-DB	10.71	10.72	10.62	10.82	0.01
Dinoseb	11.09	11.09	10.99	11.19	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

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

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/11/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027916.D **Time Analyzed:** 21:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.319	9.223	9.423	723.470	712.500	1.5
2,4,5-TP(Silvex)	9.035	8.938	9.138	715.280	712.500	0.4
2,4-D	8.182	8.085	8.285	691.690	705.000	-1.9
2,4-DB	9.881	9.785	9.985	706.900	712.500	-0.8
2,4-DCAA	7.095	6.998	7.198	738.190	750.000	-1.6
DICAMBA	7.274	7.177	7.377	705.560	705.000	0.1
DICHLORPROP	7.959	7.863	8.063	697.370	705.000	-1.1
Dinoseb	11.057	10.961	11.161	717.240	705.000	1.7

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CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

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

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/07/2024 10/07/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/11/2024

Lab Sample No.: HSTDCCC750 **Data File :** PS027916.D **Time Analyzed:** 21:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.153	10.058	10.258	720.170	712.500	1.1
2,4,5-TP(Silvex)	9.739	9.643	9.843	701.080	712.500	-1.6
2,4-D	8.848	8.752	8.952	705.930	705.000	0.1
2,4-DB	10.713	10.619	10.819	697.420	712.500	-2.1
2,4-DCAA	7.623	7.528	7.728	675.590	750.000	-9.9
DICAMBA	7.817	7.722	7.922	708.800	705.000	0.5
DICHLORPROP	8.524	8.428	8.628	679.310	705.000	-3.6
Dinoseb	11.089	10.993	11.193	702.130	705.000	-0.4

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Analytical Sequence

Client: Roman E&G Corp **SDG No.:** P4258

Project: Perth Amboy **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/07/2024 10/07/2024

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	DCAA RT #	RT #
I.BLK	I.BLK	10/07/2024	10:14	PS027854.D	7.10	0.00
HSTDICC200	HSTDICC200	10/07/2024	11:12	PS027855.D	7.10	0.00
HSTDICC500	HSTDICC500	10/07/2024	11:36	PS027856.D	7.10	0.00
HSTDICC750	HSTDICC750	10/07/2024	12:00	PS027857.D	7.10	0.00
HSTDICC1000	HSTDICC1000	10/07/2024	12:23	PS027858.D	7.10	0.00
HSTDICC1500	HSTDICC1500	10/07/2024	12:47	PS027859.D	7.10	0.00
I.BLK	I.BLK	10/11/2024	10:13	PS027904.D	7.10	0.00
HSTDCCC750	HSTDCCC750	10/11/2024	10:37	PS027905.D	7.10	0.00
PB164060BL	PB164060BL	10/11/2024	17:39	PS027906.D	7.10	0.00
PB164060BS	PB164060BS	10/11/2024	18:03	PS027907.D	7.10	0.00
Chamberlain Ave	P4258-03	10/11/2024	18:27	PS027908.D	7.10	0.00
SP-1MS	P4385-02MS	10/11/2024	19:15	PS027910.D	7.09	0.00
SP-1MSD	P4385-02MSD	10/11/2024	19:39	PS027911.D	7.09	0.00
I.BLK	I.BLK	10/11/2024	21:14	PS027915.D	7.10	0.00
HSTDCCC750	HSTDCCC750	10/11/2024	21:38	PS027916.D	7.10	0.00

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Analytical Sequence

Client: Roman E&G Corp **SDG No.:** P4258

Project: Perth Amboy **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/07/2024 10/07/2024

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	DCAA RT #	RT #
I.BLK	I.BLK	10/07/2024	10:14	PS027854.D	7.63	0.00
HSTDICC200	HSTDICC200	10/07/2024	11:12	PS027855.D	7.63	0.00
HSTDICC500	HSTDICC500	10/07/2024	11:36	PS027856.D	7.63	0.00
HSTDICC750	HSTDICC750	10/07/2024	12:00	PS027857.D	7.63	0.00
HSTDICC1000	HSTDICC1000	10/07/2024	12:23	PS027858.D	7.63	0.00
HSTDICC1500	HSTDICC1500	10/07/2024	12:47	PS027859.D	7.63	0.00
I.BLK	I.BLK	10/11/2024	10:13	PS027904.D	7.62	0.00
HSTDCCC750	HSTDCCC750	10/11/2024	10:37	PS027905.D	7.62	0.00
PB164060BL	PB164060BL	10/11/2024	17:39	PS027906.D	7.62	0.00
PB164060BS	PB164060BS	10/11/2024	18:03	PS027907.D	7.62	0.00
Chamberlain Ave	P4258-03	10/11/2024	18:27	PS027908.D	7.62	0.00
SP-1MS	P4385-02MS	10/11/2024	19:15	PS027910.D	7.62	0.00
SP-1MSD	P4385-02MSD	10/11/2024	19:39	PS027911.D	7.62	0.00
I.BLK	I.BLK	10/11/2024	21:14	PS027915.D	7.62	0.00
HSTDCCC750	HSTDCCC750	10/11/2024	21:38	PS027916.D	7.62	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164060BS

Contract: ROMA02

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

Lab Sample ID: PB164060BS **Date(s) Analyzed:** 10/11/2024 10/11/2024

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-TP(Silvex)	1	9.03	8.98	9.08	176	1.1
	2	9.74	9.69	9.79	174	
2,4,5-T	1	9.32	9.27	9.37	164	1.2
	2	10.15	10.10	10.20	162	
DICHLORPROP	1	7.96	7.91	8.01	168	1.2
	2	8.53	8.48	8.58	170	
2,4-D	1	8.18	8.13	8.23	178	10.1
	2	8.85	8.80	8.90	197	
2,4-DB	1	9.88	9.83	9.93	170	9
	2	10.72	10.67	10.77	186	
Dinoseb	1	11.06	11.01	11.11	162	0
	2	11.09	11.04	11.14	162	
DICAMBA	1	7.28	7.23	7.33	160	7.1
	2	7.82	7.77	7.87	149	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-1MS

Contract: ROMA02

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

Lab Sample ID: P4385-02MS **Date(s) Analyzed:** 10/11/2024 10/11/2024

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-T	1	9.32	9.27	9.37	72.3	2.2
	2	10.15	10.10	10.20	70.7	
2,4,5-TP(Silvex)	1	9.03	8.98	9.08	56.7	9.8
	2	9.74	9.69	9.79	51.4	
2,4-D	1	8.18	8.13	8.23	98.4	3.6
	2	8.85	8.80	8.90	102	
2,4-DB	1	9.88	9.83	9.93	88.2	40.7
	2	10.71	10.66	10.76	58.4	
DICHLORPROP	1	7.96	7.91	8.01	79.7	0.4
	2	8.52	8.47	8.57	80.0	
DICAMBA	1	7.27	7.22	7.32	94.8	20.3
	2	7.82	7.77	7.87	77.3	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SP-1MSD

Contract: ROMA02

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

Lab Sample ID: P4385-02MSD **Date(s) Analyzed:** 10/11/2024 10/11/2024

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	7.96	7.91	8.01	78.9	2.7
	2	8.53	8.48	8.58	81.1	
2,4-D	1	8.18	8.13	8.23	99.7	1.3
	2	8.85	8.80	8.90	101	
2,4,5-TP(Silvex)	1	9.03	8.98	9.08	55.6	15.7
	2	9.74	9.69	9.79	47.5	
2,4,5-T	1	9.32	9.27	9.37	71.4	0.1
	2	10.15	10.10	10.20	71.3	
2,4-DB	1	9.88	9.83	9.93	52.4	5.4
	2	10.71	10.66	10.76	55.3	
DICAMBA	1	7.27	7.22	7.32	96.3	20.5
	2	7.82	7.77	7.87	78.4	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 18:27
Operator : AR\AJ
Sample : P4258-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
Chamberlain Ave

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 00:55:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.095	7.623	692.9E6	188.5E6	257.161m	189.677m#
	Target Compounds						

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

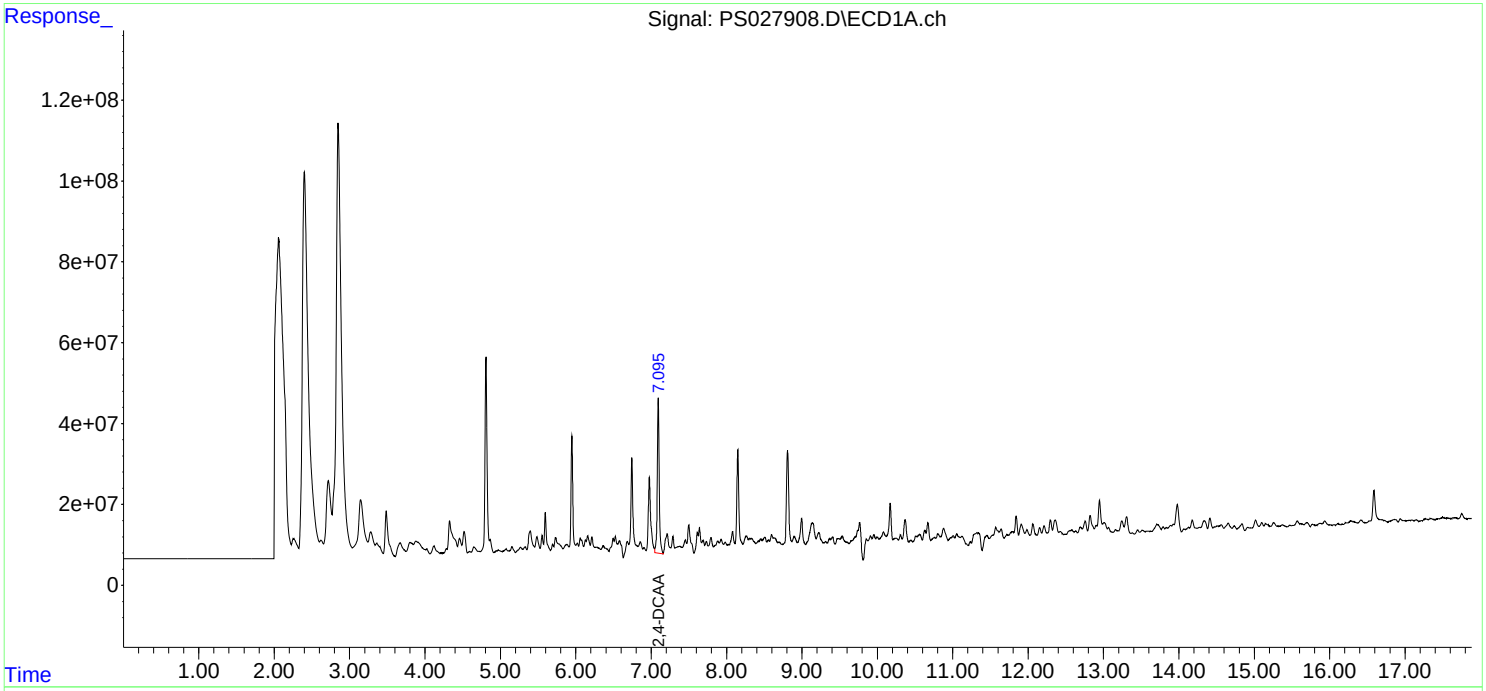
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 18:27
Operator : AR\AJ
Sample : P4258-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

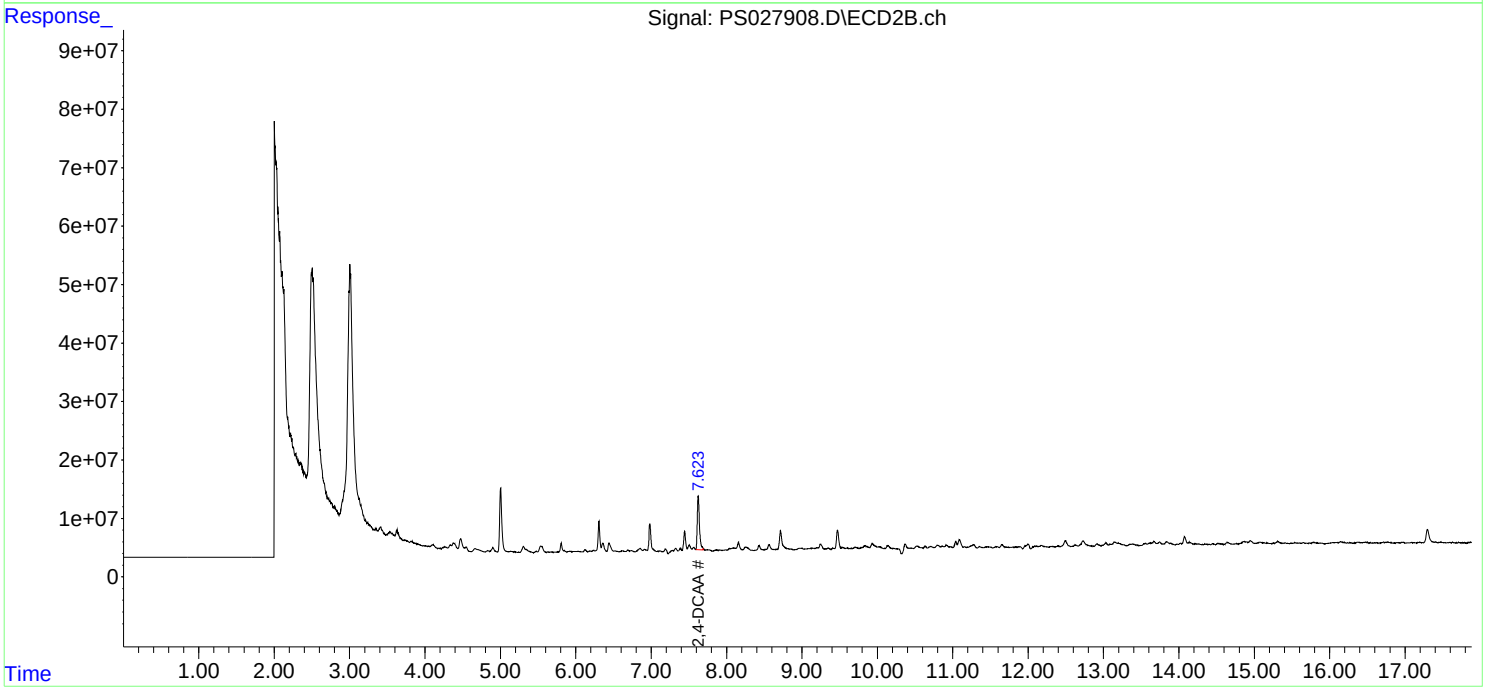
Instrument :
ECD_S
ClientSampleId :
Chamberlain Ave

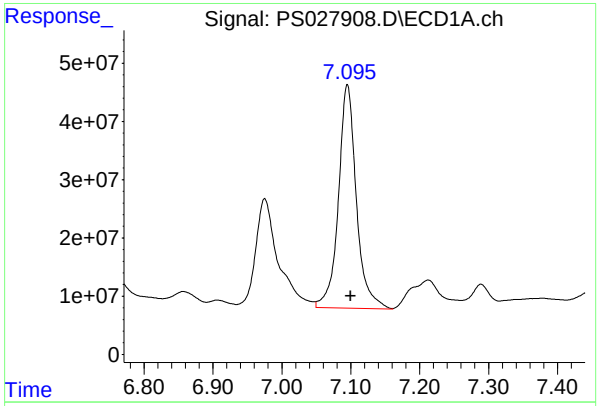
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 00:55:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







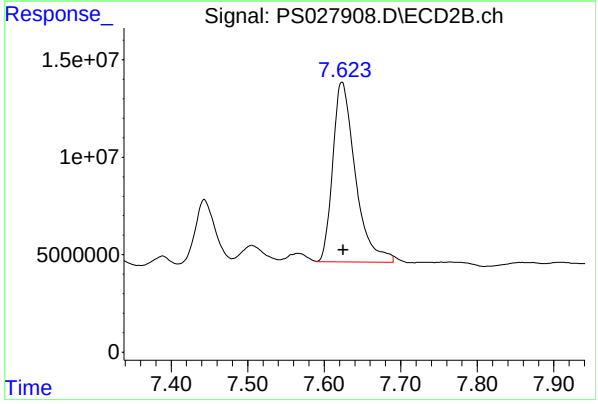
#4 2,4-DCAA

R.T.: 7.095 min
Delta R.T.: -0.006 mi
Response: 692867099
Conc: 257.16 ng/m

Instrument :
ECD_S
ClientSampleId :
Chamberlain Ave

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



#4 2,4-DCAA

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 188479567
Conc: 189.68 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 17:39
Operator : AR\AJ
Sample : PB164060BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB164060BL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza

10/14/2024

Supervised By :Ankita Jodhani

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 00:53:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

10/14/2024

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.097	7.621	1311.1E6	433.4E6	486.620m	436.190
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 17:39
Operator : AR\AJ
Sample : PB164060BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB164060BL

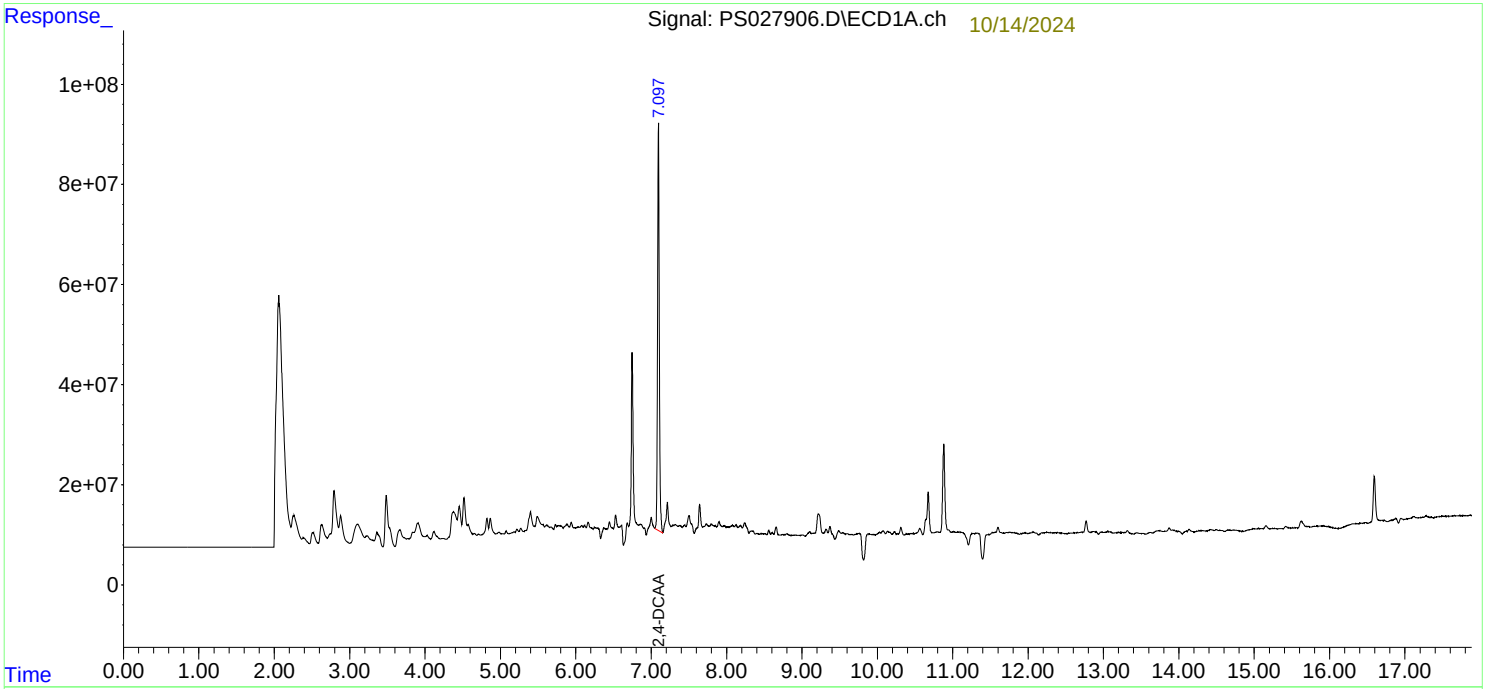
Manual Integrations APPROVED

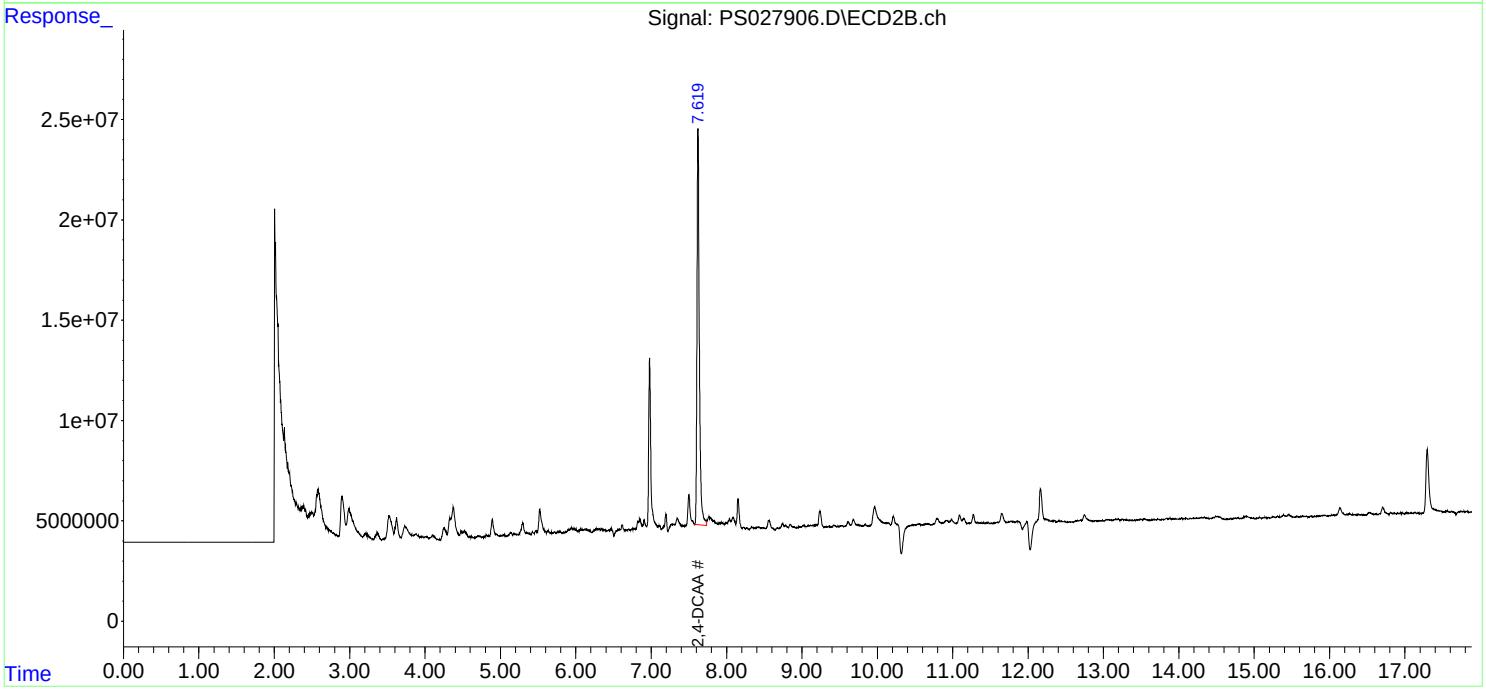
Reviewed By :Abdul Mirza

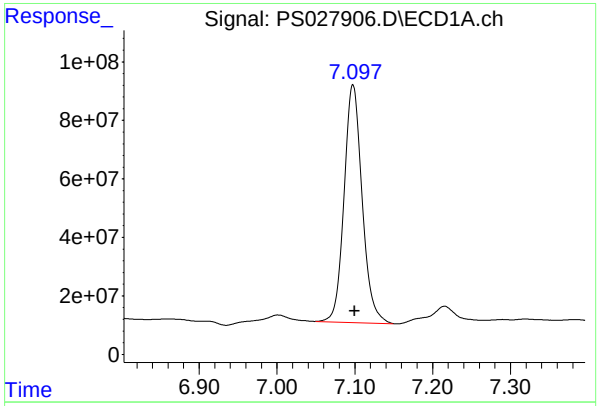
10/14/2024
Supervised By :Ankita Jodhani

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 00:53:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







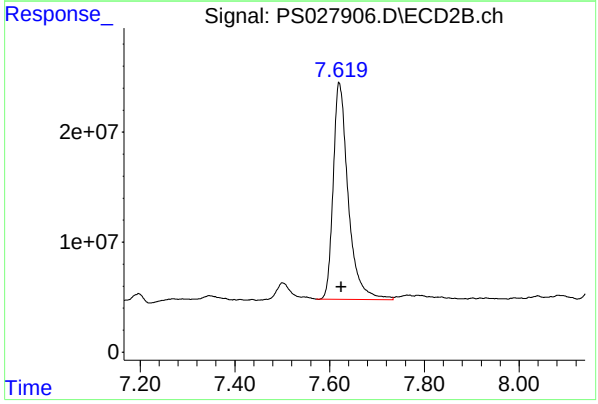
#4 2,4-DCAA

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 1311096342
Conc: 486.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB164060BL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza



#4 2,4-DCAA

R.T.: 7.621 min
Delta R.T.: -0.004 min
Response: 433435994
Conc: 436.19 ng/ml

10/14/2024
Supervised By :Ankita Jodhani

10/14/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 18:03
Operator : AR\AJ
Sample : PB164060BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB164060BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 00:54:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4)	S	2,4-DCAA	7.096	7.624	1588.7E6	528.9E6	589.656	532.227
		Target Compounds						
1)	T	Dalapon	2.545	2.625	1850.5E6	719.1E6	412.335	431.702
2)	T	3,5-DICHL...	6.287	6.595	1954.8E6	690.3E6	492.135	504.825
3)	T	4-Nitroph...	6.891	7.159	859.6E6	291.1E6	470.790	428.834
5)	T	DICAMBA	7.275	7.819	5229.5E6	1558.0E6	479.373	448.070
6)	T	MCPP	7.452	7.920	347.3E6	142.5E6	46.703	51.785
7)	T	MCPA	7.597	8.160	511.9E6	254.5E6	48.329	50.883
8)	T	DICHLORPROP	7.960	8.525	1445.9E6	503.8E6	505.265	510.515
9)	T	2,4-D	8.182	8.850	1797.1E6	593.1E6	534.219	591.749
10)	T	Pentachlo...	8.469	9.362	20373.9E6	6874.9E6	524.374	497.500
11)	T	2,4,5-TP ...	9.034	9.739	8317.7E6	2594.3E6	527.577	523.642
12)	T	2,4,5-T	9.320	10.154	7955.3E6	2092.8E6	491.900	486.106
13)	T	2,4-DB	9.883	10.715	1319.8E6	282.0E6	508.869	556.866
14)	T	DINOSEB	11.058	11.089	5131.7E6	1642.3E6	486.742	486.180
15)	T	Picloram	10.874	12.163	8774.5E6	1658.1E6	407.595	396.930
16)	T	DCPA	11.356	12.121	9812.7E6	3059.1E6	552.490	637.274

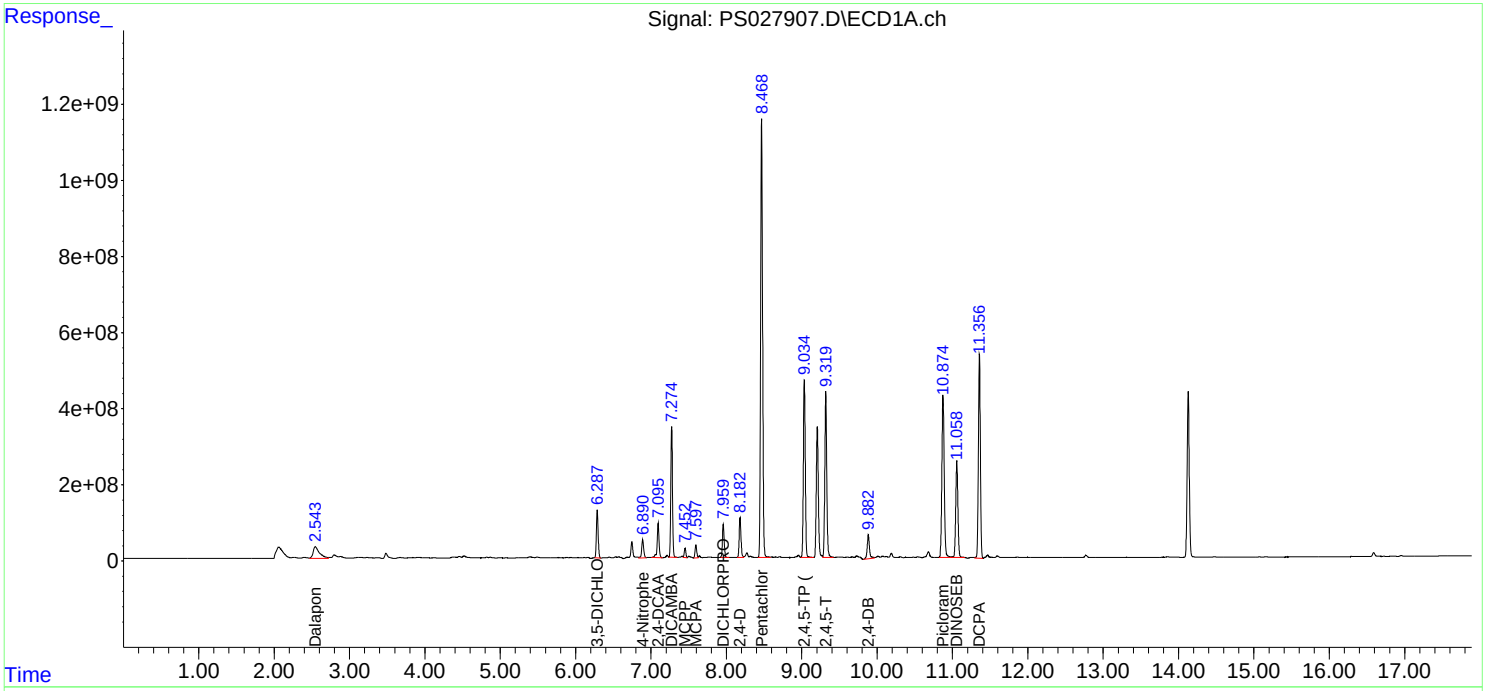
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

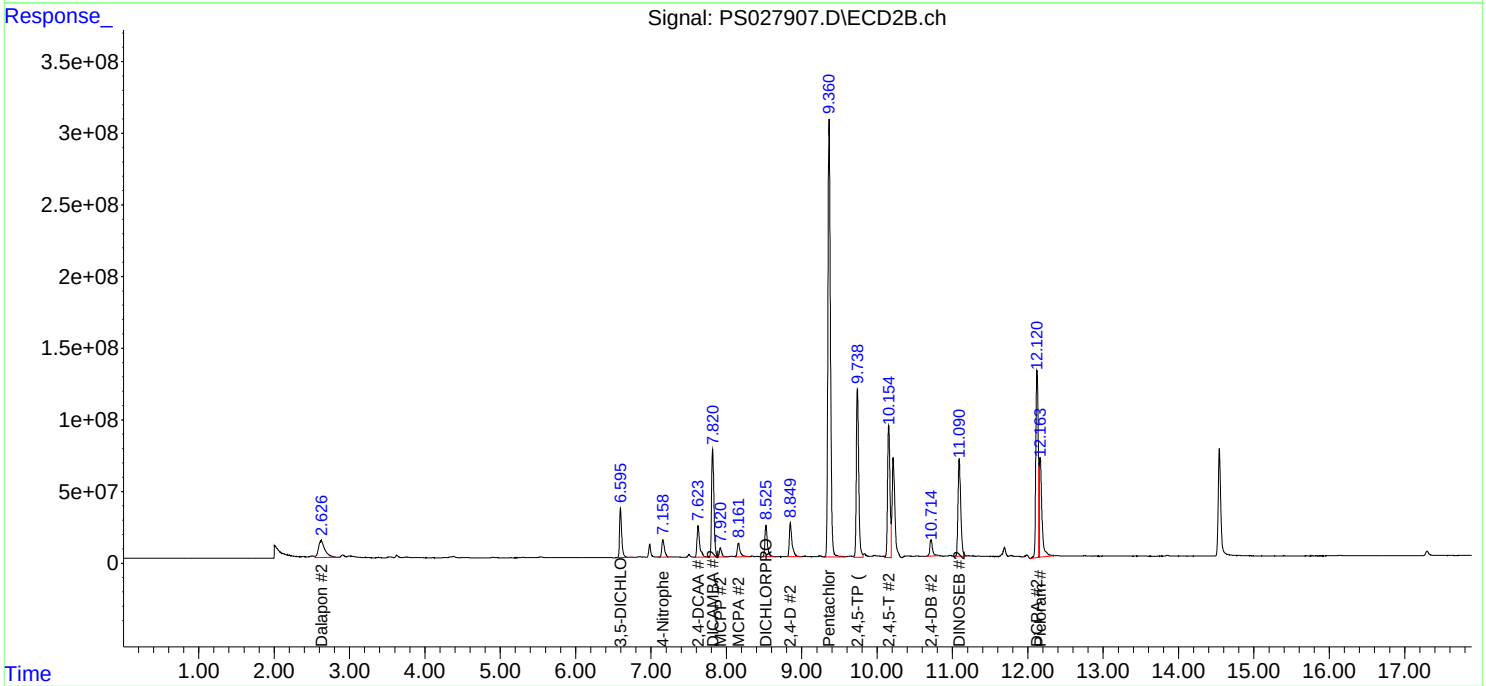
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 18:03
Operator : AR\AJ
Sample : PB164060BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB164060BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 00:54:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 19:15
Operator : AR\AJ
Sample : P4385-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
SP-1MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 03:02:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.094	7.624	1320.3E6	358.7E6	490.050m	360.991m#
	Target Compounds						
1) T	Dalapon	2.545	2.607	1471.7E6	426.7E6	327.918	256.163m
2) T	3,5-DICHL...	6.287	6.597	908.1E6	281.9E6	228.615	206.147
3) T	4-Nitroph...	6.890	7.160	293.7E6	90780179	160.874m	133.738m
5) T	DICAMBA	7.274	7.818	2905.6E6	755.5E6	266.341	217.288
6) T	MCPP	7.449	7.918	158.4E6	49023483	21.295	17.812
7) T	MCPA	7.595	8.158	320.3E6	166.7E6	30.242	33.326
8) T	DICHLORPROP	7.959	8.524	640.5E6	221.9E6	223.817	224.885
9) T	2,4-D	8.182	8.849	930.4E6	286.0E6	276.580	285.305
10) T	Pentachlo...	8.468	9.363	4810.7E6	1183.0E6	123.815	85.610 #
11) T	2,4,5-TP ...	9.034	9.739	2512.6E6	715.2E6	159.370	144.368
12) T	2,4,5-T	9.319	10.152	3283.0E6	854.7E6	202.998	198.523
13) T	2,4-DB	9.883	10.712	642.4E6	83053881	247.671	164.025 #
14) T	DINOSEB	11.057	11.091	245.5E6	90440272	23.286m	26.773
15) T	Picloram	10.874	12.165	5187.3E6	891.5E6	240.960	213.411
16) T	DCPA	11.355	12.121	6139.1E6	1735.0E6	345.651m	361.437

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

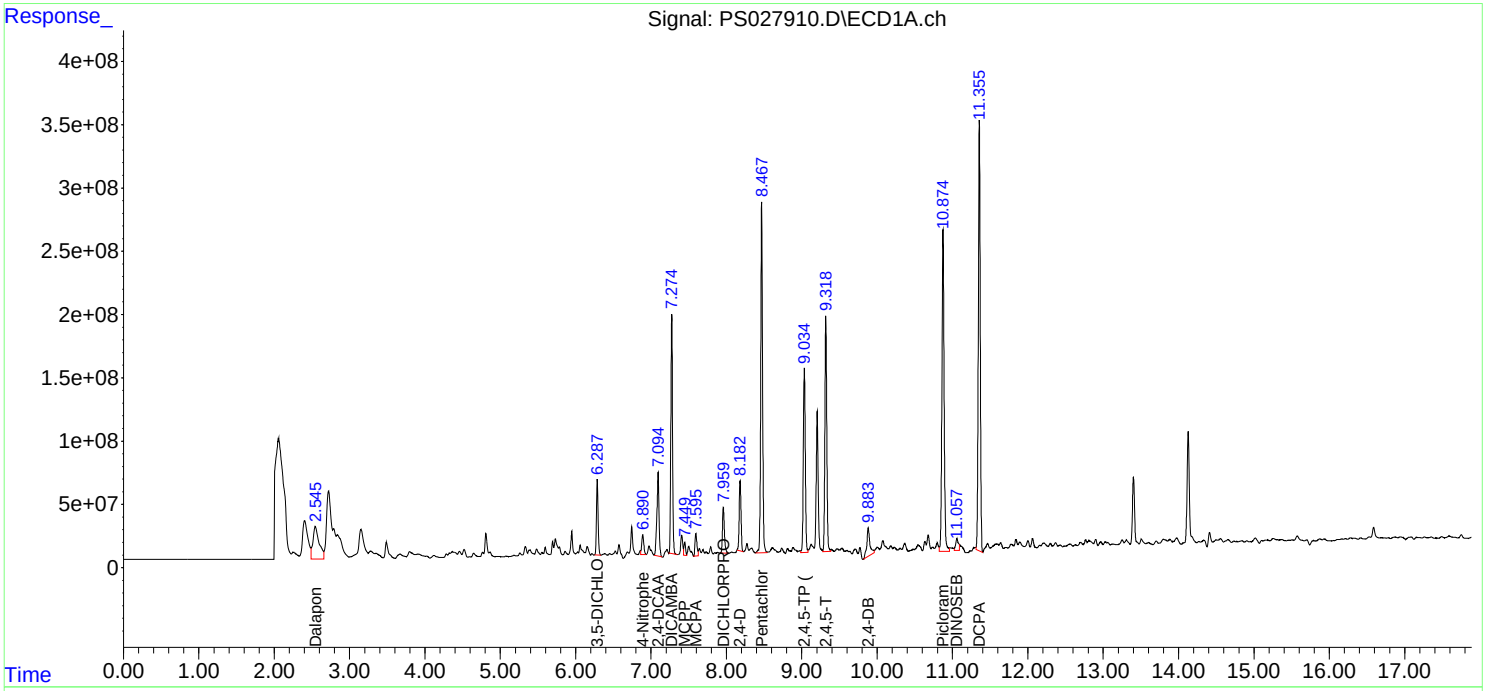
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 19:15
Operator : AR\AJ
Sample : P4385-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

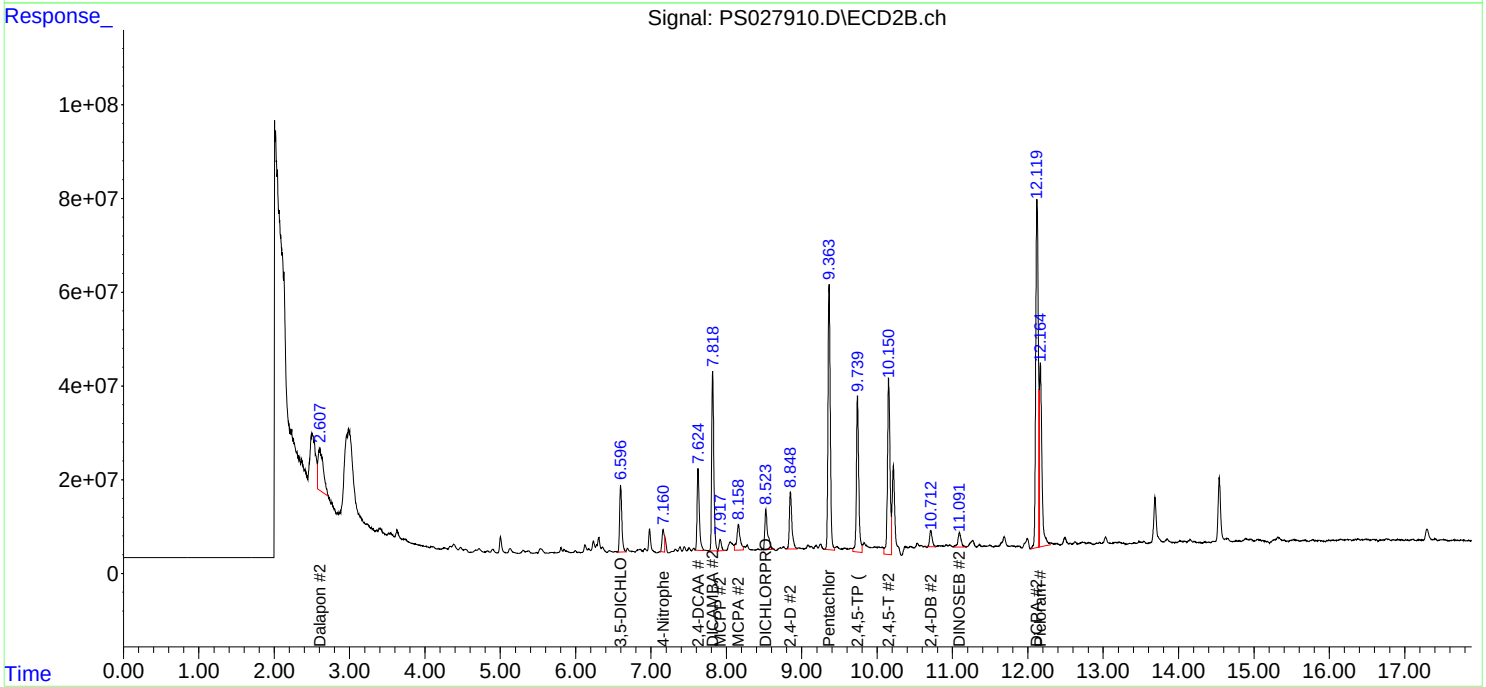
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 03:02:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_S
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 19:39
Operator : AR\AJ
Sample : P4385-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 03:03:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4)	S	2,4-DCAA	7.093	7.623	1375.7E6	368.2E6	510.592m	370.560m#
		Target Compounds						
1)	T	Dalapon	2.545	2.615	1491.5E6	450.6E6	332.347	270.542m
2)	T	3,5-DICHL...	6.287	6.595	916.0E6	286.0E6	230.609	209.116
3)	T	4-Nitroph...	6.890	7.158	301.1E6	108.2E6	164.920m	159.379m
5)	T	DICAMBA	7.274	7.819	2948.6E6	765.0E6	270.288	220.017
6)	T	MCPP	7.449	7.918	159.2E6	51743334	21.413	18.800
7)	T	MCPA	7.595	8.160	321.7E6	121.5E6	30.375	24.280m
8)	T	DICHLORPROP	7.960	8.525	633.7E6	224.7E6	221.439	227.645
9)	T	2,4-D	8.182	8.851	941.3E6	284.5E6	279.800	283.877
10)	T	Pentachlo...	8.468	9.363	4669.3E6	1167.6E6	120.177	84.495 #
11)	T	2,4,5-TP ...	9.034	9.739	2458.8E6	660.5E6	155.955	133.313
12)	T	2,4,5-T	9.319	10.153	3240.6E6	861.7E6	200.374	200.160
13)	T	2,4-DB	9.882	10.714	381.8E6	78540468	147.189m	155.111
14)	T	DINOSEB	11.056	11.088	135.6E6	90336221	12.862m	26.742 #
15)	T	Picloram	10.873	12.163	5324.2E6	869.1E6	247.323	208.055m
16)	T	DCPA	11.356	12.123	6572.2E6	1825.9E6	370.036	380.363m

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

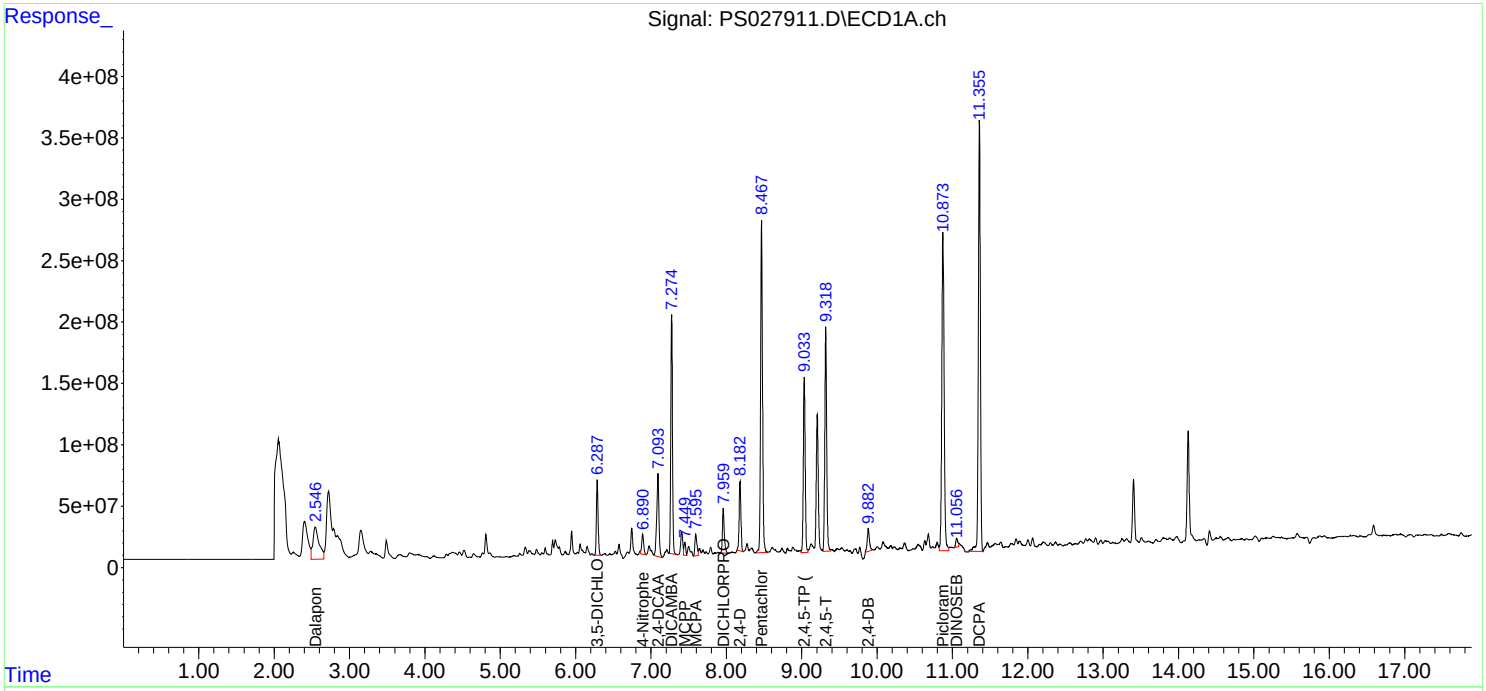
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101124\
Data File : PS027911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 19:39
Operator : AR\AJ
Sample : P4385-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

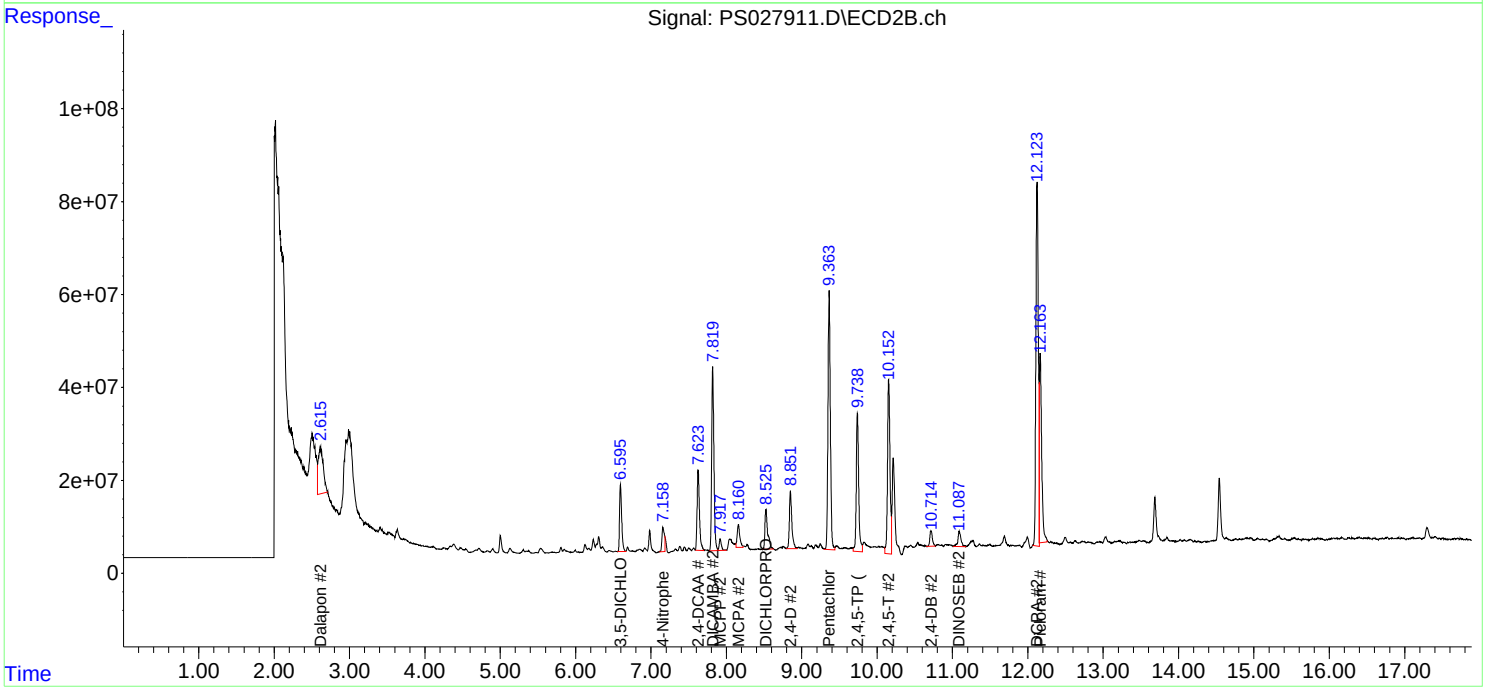
Instrument :
ECD_S
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 03:03:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
Quant Title : 8080.M
QLast Update : Mon Oct 07 13:46:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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

Manual Integration Report

Sequence:	PS100724	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS027855.D	2,4-D	Abdul	10/8/2024 8:25:23 AM	Ankita	10/8/2024 9:52:08	Peak Integrated by Software
HSTDICC200	PS027855.D	Dalapon	Abdul	10/8/2024 8:25:23 AM	Ankita	10/8/2024 9:52:08	Peak Integrated by Software
HSTDICC1000	PS027858.D	2,4-DCAA	Abdul	10/8/2024 8:25:27 AM	Ankita	10/8/2024 9:52:10	Peak Integrated by Software
HSTDICC1000	PS027858.D	MCPP	Abdul	10/8/2024 8:25:27 AM	Ankita	10/8/2024 9:52:10	Peak Integrated by Software
HSTDCCC750	PS027867.D	2,4-DCAA #2	Abdul	10/8/2024 8:25:38 AM	Ankita	10/8/2024 9:52:17	Peak Integrated by Software
HSTDCCC750	PS027867.D	Dalapon #2	Abdul	10/8/2024 8:25:38 AM	Ankita	10/8/2024 9:52:17	Peak Integrated by Software
HSTDCCC750	PS027872.D	2,4-DCAA #2	Abdul	10/8/2024 8:25:57 AM	Ankita	10/8/2024 9:52:23	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PS101124	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS027905.D	2,4-DCAA #2	Abdul	10/14/2024 8:40:04 AM	Ankita	10/14/2024 9:20:35	Peak Integrated by Software
HSTDCCC750	PS027905.D	DCPA #2	Abdul	10/14/2024 8:40:04 AM	Ankita	10/14/2024 9:20:35	Peak Integrated by Software
PB164060BL	PS027906.D	2,4-DCAA	Abdul	10/14/2024 8:40:07 AM	Ankita	10/14/2024 9:20:36	Peak Integrated by Software
P4258-03	PS027908.D	2,4-DCAA	Abdul	10/14/2024 8:40:10 AM	Ankita	10/14/2024 9:20:38	Peak Integrated by Software
P4258-03	PS027908.D	2,4-DCAA #2	Abdul	10/14/2024 8:40:10 AM	Ankita	10/14/2024 9:20:38	Peak Integrated by Software
P4385-02MS	PS027910.D	2,4-DCAA	Abdul	10/14/2024 4:25:48 PM	Ankita	10/14/2024 4:27:02	Peak Integrated by Software
P4385-02MS	PS027910.D	2,4-DCAA #2	Abdul	10/14/2024 4:25:48 PM	Ankita	10/14/2024 4:27:02	Peak Integrated by Software
P4385-02MS	PS027910.D	4-Nitrophenol	Abdul	10/14/2024 4:25:48 PM	Ankita	10/14/2024 4:27:02	Peak Integrated by Software
P4385-02MS	PS027910.D	4-Nitrophenol #2	Abdul	10/14/2024 4:25:48 PM	Ankita	10/14/2024 4:27:02	Peak Integrated by Software
P4385-02MS	PS027910.D	Dalapon #2	Abdul	10/14/2024 4:25:48 PM	Ankita	10/14/2024 4:27:02	Peak Integrated by Software
P4385-02MS	PS027910.D	DCPA	Abdul	10/14/2024 4:25:48 PM	Ankita	10/14/2024 4:27:02	Peak Integrated by Software
P4385-02MS	PS027910.D	DINOSEB	Abdul	10/14/2024 4:25:48 PM	Ankita	10/14/2024 4:27:02	Peak Integrated by Software
P4385-02MSD	PS027911.D	2,4-DB	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PS101124	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4385-02MSD	PS027911.D	2,4-DCAA	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
P4385-02MSD	PS027911.D	2,4-DCAA #2	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
P4385-02MSD	PS027911.D	4-Nitrophenol	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
P4385-02MSD	PS027911.D	4-Nitrophenol #2	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
P4385-02MSD	PS027911.D	Dalapon #2	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
P4385-02MSD	PS027911.D	DCPA #2	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
P4385-02MSD	PS027911.D	DINOSEB	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
P4385-02MSD	PS027911.D	MCPA #2	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
P4385-02MSD	PS027911.D	Picloram #2	Abdul	10/14/2024 4:25:50 PM	Ankita	10/14/2024 4:27:04	Peak Integrated by Software
HSTDCCC750	PS027916.D	2,4-DCAA #2	Abdul	10/14/2024 8:40:49 AM	Ankita	10/14/2024 9:20:47	Peak Integrated by Software

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS100724

Review By	Abdul	Review On	10/8/2024 8:26:19 AM		
Supervise By	Ankita	Supervise On	10/8/2024 9:52:35 AM		
SubDirectory	PS100724	HP Acquire Method		HP Processing Method	ps100724 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	P23457,PP23458,PP23459,PP23460,PP23461,PP23462,PP23467,PP23468,PP23469
CCC	PP23462
Internal Standard/PEM	
ICV/I.BLK	PP23469
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS027853.D	07 Oct 2024 09:50	AR\AJ	Ok
2	I.BLK	PS027854.D	07 Oct 2024 10:14	AR\AJ	Ok
3	HSTDICC200	PS027855.D	07 Oct 2024 11:12	AR\AJ	Ok,M
4	HSTDICC500	PS027856.D	07 Oct 2024 11:36	AR\AJ	Ok
5	HSTDICC750	PS027857.D	07 Oct 2024 12:00	AR\AJ	Ok
6	HSTDICC1000	PS027858.D	07 Oct 2024 12:23	AR\AJ	Ok,M
7	HSTDICC1500	PS027859.D	07 Oct 2024 12:47	AR\AJ	Ok
8	HSTDICV750	PS027860.D	07 Oct 2024 13:11	AR\AJ	Ok
9	I.BLK	PS027861.D	07 Oct 2024 13:38	AR\AJ	Ok
10	HSTDCCC750	PS027862.D	07 Oct 2024 14:02	AR\AJ	Ok
11	P4232-01RE	PS027863.D	07 Oct 2024 14:26	AR\AJ	Confirms
12	PB163901BL	PS027864.D	07 Oct 2024 14:50	AR\AJ	Ok
13	PB163901BS	PS027865.D	07 Oct 2024 15:48	AR\AJ	Ok,M
14	I.BLK	PS027866.D	07 Oct 2024 16:12	AR\AJ	Ok
15	HSTDCCC750	PS027867.D	07 Oct 2024 16:35	AR\AJ	Ok,M
16	PB163901BSD	PS027868.D	07 Oct 2024 16:59	AR\AJ	Ok,M
17	P4274-01	PS027869.D	07 Oct 2024 17:23	AR\AJ	Ok,M
18	P4285-03	PS027870.D	07 Oct 2024 17:47	AR\AJ	Ok,M
19	I.BLK	PS027871.D	07 Oct 2024 18:11	AR\AJ	Ok
20	HSTDCCC750	PS027872.D	07 Oct 2024 18:35	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS101124

Review By	Abdul	Review On	10/14/2024 8:41:15 AM		
Supervise By	Ankita	Supervise On	10/14/2024 9:21:00 AM		
SubDirectory	PS101124	HP Acquire Method		HP Processing Method	ps100724 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	P23457,PP23458,PP23459,PP23460,PP23461,PP23462,PP23467,PP23468,PP23469
CCC	PP23462
Internal Standard/PEM	
ICV/I.BLK	PP23469
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS027903.D	11 Oct 2024 09:49	AR\AJ	Ok
2	I.BLK	PS027904.D	11 Oct 2024 10:13	AR\AJ	Ok
3	HSTDCCC750	PS027905.D	11 Oct 2024 10:37	AR\AJ	Ok,M
4	PB164060BL	PS027906.D	11 Oct 2024 17:39	AR\AJ	Ok,M
5	PB164060BS	PS027907.D	11 Oct 2024 18:03	AR\AJ	Ok
6	P4258-03	PS027908.D	11 Oct 2024 18:27	AR\AJ	Ok,M
7	P4385-02	PS027909.D	11 Oct 2024 18:51	AR\AJ	Ok,M
8	P4385-02MS	PS027910.D	11 Oct 2024 19:15	AR\AJ	Ok,M
9	P4385-02MSD	PS027911.D	11 Oct 2024 19:39	AR\AJ	Ok,M
10	P4385-04	PS027912.D	11 Oct 2024 20:02	AR\AJ	Ok,M
11	P4385-06	PS027913.D	11 Oct 2024 20:26	AR\AJ	Ok,M
12	P4385-08	PS027914.D	11 Oct 2024 20:50	AR\AJ	Ok,M
13	I.BLK	PS027915.D	11 Oct 2024 21:14	AR\AJ	Ok
14	HSTDCCC750	PS027916.D	11 Oct 2024 21:38	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS100724

Review By	Abdul	Review On	10/8/2024 8:26:19 AM		
Supervise By	Ankita	Supervise On	10/8/2024 9:52:35 AM		
SubDirectory	PS100724	HP Acquire Method		HP Processing Method	ps100724 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	P23457,PP23458,PP23459,PP23460,PP23461,PP23462,PP23467,PP23468,PP23469
CCC	PP23462
Internal Standard/PEM	
ICV/I.BLK	PP23469
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS027853.D	07 Oct 2024 09:50		AR\AJ	Ok
2	I.BLK	I.BLK	PS027854.D	07 Oct 2024 10:14		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS027855.D	07 Oct 2024 11:12		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS027856.D	07 Oct 2024 11:36		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS027857.D	07 Oct 2024 12:00		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS027858.D	07 Oct 2024 12:23		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS027859.D	07 Oct 2024 12:47		AR\AJ	Ok
8	HSTDICV750	ICVPS100724	PS027860.D	07 Oct 2024 13:11		AR\AJ	Ok
9	I.BLK	I.BLK	PS027861.D	07 Oct 2024 13:38		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS027862.D	07 Oct 2024 14:02		AR\AJ	Ok
11	P4232-01RE	TP-RRE	PS027863.D	07 Oct 2024 14:26	2,4-DCAA low 2nd col	AR\AJ	Confirms
12	PB163901BL	PB163901BL	PS027864.D	07 Oct 2024 14:50		AR\AJ	Ok
13	PB163901BS	PB163901BS	PS027865.D	07 Oct 2024 15:48		AR\AJ	Ok,M
14	I.BLK	I.BLK	PS027866.D	07 Oct 2024 16:12		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS027867.D	07 Oct 2024 16:35		AR\AJ	Ok,M
16	PB163901BSD	PB163901BSD	PS027868.D	07 Oct 2024 16:59		AR\AJ	Ok,M
17	P4274-01	222254	PS027869.D	07 Oct 2024 17:23		AR\AJ	Ok,M
18	P4285-03	WATER-TOTES	PS027870.D	07 Oct 2024 17:47		AR\AJ	Ok,M

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS100724

Review By	Abdul	Review On	10/8/2024 8:26:19 AM		
Supervise By	Ankita	Supervise On	10/8/2024 9:52:35 AM		
SubDirectory	PS100724	HP Acquire Method		HP Processing Method	ps100724 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	P23457,PP23458,PP23459,PP23460,PP23461,PP23462,PP23467,PP23468,PP23469
CCC	PP23462
Internal Standard/PEM	
ICV/I.BLK	PP23469
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	PS027871.D	07 Oct 2024 18:11		AR\AJ	Ok
20	HSTDCCC750	HSTDCCC750	PS027872.D	07 Oct 2024 18:35		AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS101124

Review By	Abdul	Review On	10/14/2024 8:41:15 AM		
Supervise By	Ankita	Supervise On	10/14/2024 9:21:00 AM		
SubDirectory	PS101124	HP Acquire Method		HP Processing Method	ps100724 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	P23457,PP23458,PP23459,PP23460,PP23461,PP23462,PP23467,PP23468,PP23469
CCC	PP23462
Internal Standard/PEM	
ICV/I.BLK	PP23469
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS027903.D	11 Oct 2024 09:49		AR\AJ	Ok
2	I.BLK	I.BLK	PS027904.D	11 Oct 2024 10:13		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS027905.D	11 Oct 2024 10:37		AR\AJ	Ok,M
4	PB164060BL	PB164060BL	PS027906.D	11 Oct 2024 17:39		AR\AJ	Ok,M
5	PB164060BS	PB164060BS	PS027907.D	11 Oct 2024 18:03		AR\AJ	Ok
6	P4258-03	Chamberlain Ave	PS027908.D	11 Oct 2024 18:27		AR\AJ	Ok,M
7	P4385-02	SP-1	PS027909.D	11 Oct 2024 18:51		AR\AJ	Ok,M
8	P4385-02MS	SP-1MS	PS027910.D	11 Oct 2024 19:15	Some compound recovery fail	AR\AJ	Ok,M
9	P4385-02MSD	SP-1MSD	PS027911.D	11 Oct 2024 19:39	Some compound recovery fail , RPD 2,4-DB is high	AR\AJ	Ok,M
10	P4385-04	SP-2	PS027912.D	11 Oct 2024 20:02		AR\AJ	Ok,M
11	P4385-06	SP-3	PS027913.D	11 Oct 2024 20:26		AR\AJ	Ok,M
12	P4385-08	SP-4	PS027914.D	11 Oct 2024 20:50		AR\AJ	Ok,M
13	I.BLK	I.BLK	PS027915.D	11 Oct 2024 21:14		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS027916.D	11 Oct 2024 21:38		AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB164060

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: E3574

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,4,7

Extraction Start Date : 10/11/2024

Extraction Start Time : 08:31

Extraction End Date : 10/11/2024

Extraction End Time : 16:30

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP23699
Surrogate	1.0ML	5000 PPB	PP23665
LOD	0.2ML	5000 PPB	PP23699
LOD	0.3ML	5000 PPB	PP23699
LOQ	0.4ML	5000 PPB	PP23699

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2538
Acidified Na2SO4	N/A	EP2503
Sand	N/A	E2865
HCL	N/A	M5892
DI WATER	N/A	N/A
37% KOH	N/A	EP2520
Methylene Chloride	N/A	E3803
1:3 SULPHURIC ACID	N/A	EP2528
Ether	N/A	E3370
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14138
Diazomethane	N/A	EP2529
Hexane	N/A	E3796
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH adjusted with HCL <2 for soil Extraction, PH adjusted with 1:3 H2SO4 <2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze,40ML Vial Lot # 03-40 BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/11/24	RP (Ext. 2 cols)	R. Pest/PCB Lab
16:35	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB164060

Analytical Method: M8151A-Herbicide-22

Concentration Date: 10/09/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164060BL	HBLK060	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB164060BS	HLCS060	Herbicide	30.02	N/A	ritesh	Evelyn	10			2
P4258-03	CHAMBERLAIN AVE	Herbicide	30.04	N/A	ritesh	Evelyn	10	A		3
P4368-01	LOD-MDL-SOIL-01-QT4-2024 0.2 ML	Herbicide	30.02	N/A	ritesh	Evelyn	10			4
P4368-02	LOQ-SOIL-02-QT4-2024 0.4 ML	Herbicide	30.01	N/A	ritesh	Evelyn	10			5
P4385-02	SP-1	Herbicide	30.06	N/A	ritesh	Evelyn	10	B		6
P4385-02MS	SP-1MS	Herbicide	30.08	N/A	ritesh	Evelyn	10	B		U7-1
P4385-02MSD	SP-1MSD	Herbicide	30.05	N/A	ritesh	Evelyn	10	B		2
P4385-04	SP-2	Herbicide	30.04	N/A	ritesh	Evelyn	10	B		3
P4385-06	SP-3	Herbicide	30.02	N/A	ritesh	Evelyn	10	B		4
P4385-08	SP-4	Herbicide	30.09	N/A	ritesh	Evelyn	10	B		5
P4385-10	SP-5	Herbicide	30.05	N/A	ritesh	Evelyn	10	B		6
P4385-12	SP-6	Herbicide	30.03	N/A	ritesh	Evelyn	10	B		U5-1
P4385-14	SP-7	Herbicide	30.08	N/A	ritesh	Evelyn	10	B		2
P4385-16	SP-8	Herbicide	30.07	N/A	ritesh	Evelyn	10	B		3
P4385-18	SP-9	Herbicide	30.03	N/A	ritesh	Evelyn	10	B		4
P4385-20	SP-10	Herbicide	30.06	N/A	ritesh	Evelyn	10	B		5
	LOD 0.3 ML		30.00				10			6

* **Extracts relinquished on the same date as received.**

10/11/24

164060
9-31

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4258H **WorkList ID :** 184331 **Department :** Extraction **Date :** 10-11-2024 08:06:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4258-03	Chamberlain Ave	Solid	Herbicide	Cool 4 deg C	ROMA02	K21	10/01/2024	8151A
P4368-01	LOD-MDL-SOIL-01-QT4-2024	Solid	Herbicide	Cool 4 deg C	CHEM02	QA Of	10/09/2024	8151A
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Herbicide	Cool 4 deg C	CHEM02	QA Of	10/09/2024	8151A
P4385-02	SP-1	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-04	SP-2	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-06	SP-3	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-08	SP-4	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-10	SP-5	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-12	SP-6	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-14	SP-7	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-16	SP-8	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-18	SP-9	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A
P4385-20	SP-10	Solid	Herbicide	Cool 4 deg C	SCHE03	K51	10/10/2024	8151A

Date/Time 10/11/24 8:25
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by: JD (SM)

Date/Time 10/11/24 8:55
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: RJ (Ext Lab)

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

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,K11,K21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4258-03	**Chamberlain Ave**	**SOIL**			**10/01/24**			**10/01/24**
			Herbicide	8151A		10/11/24	10/11/24	
			PCB	8082A		10/02/24	10/02/24	
			Pesticide-TCL	8081B		10/11/24	10/11/24	
P4258-04	**Chamberlain Ave**	**TCLP**			**10/01/24**			**10/01/24**
			TCLP Herbicide	8151A		10/03/24	10/04/24	
			TCLP Pesticide	8081B		10/03/24	10/03/24	