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Hit Summary Sheet
SW-846

SDG No.:	Q2176	Order ID:	Q2176
Client:	CDM Smith	Project ID:	South River WM Replacement

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



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/28/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-46	SDG No.:	Q2176
Lab Sample ID:	Q2176-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	83.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030517.D	1	06/03/25 09:00	06/05/25 05:17	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	79.9	ug/Kg
120-36-5	DICHLORPROP	15.3	U	15.3	79.9	ug/Kg
94-75-7	2,4-D	10.8	U	10.8	79.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.8	U	10.8	79.9	ug/Kg
93-76-5	2,4,5-T	10.4	U	10.4	79.9	ug/Kg
94-82-6	2,4-DB	28.9	U	28.9	79.9	ug/Kg
88-85-7	DINOSEB	12.9	U	12.9	79.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	339		10 - 141	68%	SPK: 500

Comments:

U = Not Detected

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E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-56	SDG No.:	Q2176
Lab Sample ID:	Q2176-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030518.D	1	06/03/25 09:00	06/05/25 05:41	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.00	U	9.00	77.5	ug/Kg
120-36-5	DICHLORPROP	14.8	U	14.8	77.5	ug/Kg
94-75-7	2,4-D	10.5	U	10.5	77.5	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.5	U	10.5	77.5	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	77.5	ug/Kg
94-82-6	2,4-DB	28.0	U	28.0	77.5	ug/Kg
88-85-7	DINOSEB	12.5	U	12.5	77.5	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	300		10 - 141	60%	SPK: 500

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-25	SDG No.:	Q2176
Lab Sample ID:	Q2176-03	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	85.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030519.D	1	06/03/25 09:00	06/05/25 06:05	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.00	U	9.00	78.1	ug/Kg
120-36-5	DICHLORPROP	14.9	U	14.9	78.1	ug/Kg
94-75-7	2,4-D	10.5	U	10.5	78.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.6	U	10.6	78.1	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	78.1	ug/Kg
94-82-6	2,4-DB	28.2	U	28.2	78.1	ug/Kg
88-85-7	DINOSEB	12.6	U	12.6	78.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	340		10 - 141	68%	SPK: 500

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-26	SDG No.:	Q2176
Lab Sample ID:	Q2176-04	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	85.2
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030530.D	1	06/03/25 09:00	06/05/25 13:03	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.10	U	9.10	78.6	ug/Kg
120-36-5	DICHLORPROP	15.0	U	15.0	78.6	ug/Kg
94-75-7	2,4-D	10.6	U	10.6	78.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.6	U	10.6	78.6	ug/Kg
93-76-5	2,4,5-T	10.2	U	10.2	78.6	ug/Kg
94-82-6	2,4-DB	28.4	U	28.4	78.6	ug/Kg
88-85-7	DINOSEB	12.7	U	12.7	78.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	71.8		10 - 141	14%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-28	SDG No.:	Q2176
Lab Sample ID:	Q2176-05	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90.5
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030521.D	1	06/03/25 09:00	06/05/25 06:53	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.50	U	8.50	73.8	ug/Kg
120-36-5	DICHLORPROP	14.1	U	14.1	73.8	ug/Kg
94-75-7	2,4-D	10.0	U	10.0	73.8	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	73.8	ug/Kg
93-76-5	2,4,5-T	9.60	U	9.60	73.8	ug/Kg
94-82-6	2,4-DB	26.7	U	26.7	73.8	ug/Kg
88-85-7	DINOSEB	11.9	U	11.9	73.8	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	346		10 - 141	69%	SPK: 500

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-27	SDG No.:	Q2176
Lab Sample ID:	Q2176-06	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	83.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030522.D	1	06/03/25 09:00	06/05/25 07:17	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.30	U	9.30	80.6	ug/Kg
120-36-5	DICHLORPROP	15.4	U	15.4	80.6	ug/Kg
94-75-7	2,4-D	10.9	U	10.9	80.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.9	U	10.9	80.6	ug/Kg
93-76-5	2,4,5-T	10.5	U	10.5	80.6	ug/Kg
94-82-6	2,4-DB	29.1	U	29.1	80.6	ug/Kg
88-85-7	DINOSEB	13.0	U	13.0	80.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	254		10 - 141	51%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-31	SDG No.:	Q2176
Lab Sample ID:	Q2176-07	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030523.D	1	06/03/25 09:00	06/05/25 07:41	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.90	U	8.90	77.1	ug/Kg
120-36-5	DICHLORPROP	14.7	U	14.7	77.1	ug/Kg
94-75-7	2,4-D	10.4	U	10.4	77.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.4	U	10.4	77.1	ug/Kg
93-76-5	2,4,5-T	10.0	U	10.0	77.1	ug/Kg
94-82-6	2,4-DB	27.8	U	27.8	77.1	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	77.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	346		10 - 141	69%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/30/25
Project:	South River WM Replacement	Date Received:	05/30/25
Client Sample ID:	TP-65	SDG No.:	Q2176
Lab Sample ID:	Q2176-08	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	87.3
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030524.D	1	06/03/25 09:00	06/05/25 08:05	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.90	U	8.90	76.6	ug/Kg
120-36-5	DICHLORPROP	14.6	U	14.6	76.6	ug/Kg
94-75-7	2,4-D	10.3	U	10.3	76.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.4	U	10.4	76.6	ug/Kg
93-76-5	2,4,5-T	9.90	U	9.90	76.6	ug/Kg
94-82-6	2,4-DB	27.7	U	27.7	76.6	ug/Kg
88-85-7	DINOSEB	12.3	U	12.3	76.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	360		10 - 141	72%	SPK: 500

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QC SUMMARY

Surrogate Summary

SDG No.: Q2176

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS030475.D	PIBLK-PS030475.D	2,4-DCAA	1	500	414	83		61	136
		2,4-DCAA	2	500	445	89		61	136
I.BLK-PS030496.D	PIBLK-PS030496.D	2,4-DCAA	1	500	445	89		61	136
		2,4-DCAA	2	500	459	92		61	136
Q2160-05MS	TP05-MHH-WCMS	2,4-DCAA	1	500	494	99		10	141
		2,4-DCAA	2	500	480	96		10	141
Q2160-05MSD	TP05-MHH-WCMSD	2,4-DCAA	1	500	496	99		10	141
		2,4-DCAA	2	500	499	100		10	141
I.BLK-PS030505.D	PIBLK-PS030505.D	2,4-DCAA	1	500	442	88		61	136
		2,4-DCAA	2	500	460	92		61	136
PB168254BL	PB168254BL	2,4-DCAA	1	500	435	87		10	141
		2,4-DCAA	2	500	472	94		10	141
PB168254BS	PB168254BS	2,4-DCAA	1	500	508	102		10	141
		2,4-DCAA	2	500	502	100		10	141
I.BLK-PS030515.D	PIBLK-PS030515.D	2,4-DCAA	1	500	447	89		61	136
		2,4-DCAA	2	500	460	92		61	136
Q2176-01	TP-46	2,4-DCAA	1	500	320	64		10	141
		2,4-DCAA	2	500	339	68		10	141
Q2176-02	TP-56	2,4-DCAA	1	500	300	60		10	141
		2,4-DCAA	2	500	290	58		10	141
Q2176-03	TP-25	2,4-DCAA	1	500	317	63		10	141
		2,4-DCAA	2	500	340	68		10	141
Q2176-05	TP-28	2,4-DCAA	1	500	346	69		10	141
		2,4-DCAA	2	500	306	61		10	141
Q2176-06	TP-27	2,4-DCAA	1	500	247	49		10	141
		2,4-DCAA	2	500	254	51		10	141
Q2176-07	TP-31	2,4-DCAA	1	500	333	67		10	141
		2,4-DCAA	2	500	346	69		10	141
Q2176-08	TP-65	2,4-DCAA	1	500	316	63		10	141
		2,4-DCAA	2	500	360	72		10	141
I.BLK-PS030525.D	PIBLK-PS030525.D	2,4-DCAA	1	500	447	89		61	136
		2,4-DCAA	2	500	462	92		61	136
I.BLK-PS030528.D	PIBLK-PS030528.D	2,4-DCAA	1	500	448	90		61	136
		2,4-DCAA	2	500	466	93		61	136
Q2176-04	TP-26	2,4-DCAA	1	500	71.0	14		10	141
		2,4-DCAA	2	500	71.8	14		10	141
I.BLK-PS030531.D	PIBLK-PS030531.D	2,4-DCAA	1	500	451	90		61	136
		2,4-DCAA	2	500	457	91		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2176</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS030500.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2160-05MS (Column 1)	TP05-MHH-WCMS DICAMBA	201.4	0	176	ug/Kg	87				10	112	
	DICHLORPROP	201.4	0	189	ug/Kg	94				10	113	
	2,4-D	201.4	0	234	ug/Kg	116				10	144	
	2,4,5-TP(Silvex)	201.4	0	192	ug/Kg	95				10	114	
	2,4,5-T	201.4	0	191	ug/Kg	95				10	115	
	2,4-DB	201.4	0	132	ug/Kg	66				10	140	
	Dinoseb	201.4	0	0	ug/Kg	0	*			10	118	
Client Sample ID: Q2160-05MS (Column 2)	TP05-MHH-WCMS DICAMBA	201.4	0	179	ug/Kg	89				10	112	
	DICHLORPROP	201.4	0	191	ug/Kg	95				10	113	
	2,4-D	201.4	0	188	ug/Kg	93				10	144	
	2,4,5-TP(Silvex)	201.4	0	196	ug/Kg	97				10	114	
	2,4,5-T	201.4	0	187	ug/Kg	93				10	115	
	2,4-DB	201.4	0	170	ug/Kg	84				10	140	
	Dinoseb	201.4	0	0	ug/Kg	0	*			10	118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2176</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS030501.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2160-05MSD (Column 1)	TP05-MHH-WCMSD											
	DICAMBA	201.7	0	177	ug/Kg	88		1		10	112	20
	DICHLORPROP	201.7	0	190	ug/Kg	94		0		10	113	20
	2,4-D	201.7	0	234	ug/Kg	116		0		10	144	20
	2,4,5-TP(Silvex)	201.7	0	192	ug/Kg	95		0		10	114	20
	2,4,5-T	201.7	0	192	ug/Kg	95		0		10	115	20
	2,4-DB	201.7	0	131	ug/Kg	65		2		10	140	20
Client Sample ID: Q2160-05MSD (Column 2)	Dinoseb	201.7	0	0	ug/Kg	0	*	0		10	118	20
	TP05-MHH-WCMSD											
	DICAMBA	201.7	0	181	ug/Kg	90		1		10	112	20
	DICHLORPROP	201.7	0	191	ug/Kg	95		0		10	113	20
	2,4-D	201.7	0	186	ug/Kg	92		1		10	144	20
	2,4,5-TP(Silvex)	201.7	0	198	ug/Kg	98		1		10	114	20
	2,4,5-T	201.7	0	187	ug/Kg	93		0		10	115	20
	2,4-DB	201.7	0	167	ug/Kg	83		1		10	140	20
	Dinoseb	201.7	0	0	ug/Kg	0	*	0		10	118	20

**SW-846**

Datafile : PS030514.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits	
								Qual	Low	High
PB168254BS (Column 1)	DICAMBA	166.6	162	ug/Kg	97				72	129
	DICHLORPROP	166.6	160	ug/Kg	96				77	135
	2,4-D	166.6	160	ug/Kg	96				65	144
	2,4,5-TP(Silvex)	166.6	166	ug/Kg	100				74	146
	2,4,5-T	166.6	160	ug/Kg	96				77	134
	2,4-DB	166.6	154	ug/Kg	92				72	122
	Dinoseb	166.6	163	ug/Kg	98				74	132
PB168254BS (Column 2)	DICAMBA	166.6	158	ug/Kg	95				72	129
	DICHLORPROP	166.6	158	ug/Kg	95				77	135
	2,4-D	166.6	163	ug/Kg	98				65	144
	2,4,5-TP(Silvex)	166.6	162	ug/Kg	97				74	146
	2,4,5-T	166.6	161	ug/Kg	97				77	134
	2,4-DB	166.6	158	ug/Kg	95				72	122
	Dinoseb	166.6	158	ug/Kg	95				74	132

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168254BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176

SAS No.: Q2176 SDG NO.: Q2176

Lab Sample ID: PB168254BL

Lab File ID: PS030513.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/03/2025

Date Analyzed (1): 06/05/2025

Date Analyzed (2): 06/05/2025

Time Analyzed (1): 03:17

Time Analyzed (2): 03:17

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
TP05-MHH-WCMS	Q2160-05MS	PS030500.D	06/04/2025	06/04/2025
TP05-MHH-WCMSD	Q2160-05MSD	PS030501.D	06/04/2025	06/04/2025
PB168254BS	PB168254BS	PS030514.D	06/05/2025	06/05/2025
TP-46	Q2176-01	PS030517.D	06/05/2025	06/05/2025
TP-56	Q2176-02	PS030518.D	06/05/2025	06/05/2025
TP-25	Q2176-03	PS030519.D	06/05/2025	06/05/2025
TP-28	Q2176-05	PS030521.D	06/05/2025	06/05/2025
TP-27	Q2176-06	PS030522.D	06/05/2025	06/05/2025
TP-31	Q2176-07	PS030523.D	06/05/2025	06/05/2025
TP-65	Q2176-08	PS030524.D	06/05/2025	06/05/2025
TP-26	Q2176-04	PS030530.D	06/05/2025	06/05/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168254BL	SDG No.:	Q2176
Lab Sample ID:	PB168254BL	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030513.D	1	06/03/25 09:00	06/05/25 03:17	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	472		10 - 141	94%	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

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	South River WM Replacement	Date Received:	06/04/25
Client Sample ID:	PIBLK-PS030475.D	SDG No.:	Q2176
Lab Sample ID:	I.BLK-PS030475.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030475.D	1		06/04/25	PS060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	445		61 - 136	89%	SPK: 500

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	South River WM Replacement	Date Received:	06/04/25
Client Sample ID:	PIBLK-PS030496.D	SDG No.:	Q2176
Lab Sample ID:	I.BLK-PS030496.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030496.D	1		06/04/25	PS060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	459		61 - 136	92%	SPK: 500

Comments:

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LOQ = Limit of Quantitation

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	South River WM Replacement	Date Received:	06/04/25
Client Sample ID:	PIBLK-PS030505.D	SDG No.:	Q2176
Lab Sample ID:	I.BLK-PS030505.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030505.D	1		06/04/25	ps060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	460		61 - 136	92%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/05/25
Project:	South River WM Replacement	Date Received:	06/05/25
Client Sample ID:	PIBLK-PS030515.D	SDG No.:	Q2176
Lab Sample ID:	I.BLK-PS030515.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030515.D	1		06/05/25	ps060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	460		61 - 136	92%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/05/25
Project:	South River WM Replacement	Date Received:	06/05/25
Client Sample ID:	PIBLK-PS030525.D	SDG No.:	Q2176
Lab Sample ID:	I.BLK-PS030525.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030525.D	1		06/05/25	ps060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	462		61 - 136	92%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/05/25
Project:	South River WM Replacement	Date Received:	06/05/25
Client Sample ID:	PIBLK-PS030528.D	SDG No.:	Q2176
Lab Sample ID:	I.BLK-PS030528.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030528.D	1		06/05/25	ps060525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	466		61 - 136	93%	SPK: 500

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/05/25
Project:	South River WM Replacement	Date Received:	06/05/25
Client Sample ID:	PIBLK-PS030531.D	SDG No.:	Q2176
Lab Sample ID:	I.BLK-PS030531.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030531.D	1		06/05/25	ps060525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	457		61 - 136	91%	SPK: 500

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168254BS		SDG No.:	Q2176	
Lab Sample ID:	PB168254BS		Matrix:	SOIL	
Analytical Method:	8151A		% 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
PS030514.D	1	06/03/25 09:00	06/05/25 03:41	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	162		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	160		12.8	67.0	ug/Kg
94-75-7	2,4-D	163		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	166		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	161		8.70	67.0	ug/Kg
94-82-6	2,4-DB	158		24.2	67.0	ug/Kg
88-85-7	DINOSEB	163		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	508		10 - 141	102%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/29/25
Client Sample ID:	TP05-MHH-WCMS	SDG No.:	Q2176
Lab Sample ID:	Q2160-05MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	82.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030500.D	1	06/03/25 09:00	06/04/25 21:40	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	179		9.40	81.0	ug/Kg
120-36-5	DICHLORPROP	191		15.5	81.0	ug/Kg
94-75-7	2,4-D	234		10.9	81.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	196		11.0	81.0	ug/Kg
93-76-5	2,4,5-T	191		10.5	81.0	ug/Kg
94-82-6	2,4-DB	170		29.2	81.0	ug/Kg
88-85-7	DINOSEB	13.1	U	13.1	81.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	494		10 - 141	99%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/29/25
Project:	South River WM Replacement	Date Received:	05/29/25
Client Sample ID:	TP05-MHH-WCMSD	SDG No.:	Q2176
Lab Sample ID:	Q2160-05MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	82.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030501.D	1	06/03/25 09:00	06/04/25 22:04	PB168254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	181		9.40	81.1	ug/Kg
120-36-5	DICHLORPROP	191		15.5	81.1	ug/Kg
94-75-7	2,4-D	234		10.9	81.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	198		11.0	81.1	ug/Kg
93-76-5	2,4,5-T	192		10.5	81.1	ug/Kg
94-82-6	2,4-DB	167		29.3	81.1	ug/Kg
88-85-7	DINOSEB	13.1	U	13.1	81.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	499		10 - 141	100%	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

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

Calibration Times: 11:19 12:55

LAB FILE ID:	RT 200 =	<u>PS030476.D</u>	RT 500 =	<u>PS030477.D</u>
	RT 750 =	PS030478.D	RT 1000 =	PS030479.D
			RT 1500 =	PS030480.D

[illegible]

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

Calibration Times: 11:19 12:55

LAB FILE ID:	RT 200 =	<u>PS030476.D</u>	RT 500 =	<u>PS030477.D</u>
	RT 750 =	PS030478.D	RT 1000 =	PS030479.D
			RT 1500 =	PS030480.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2176 **SAS No.:** Q2176 **SDG NO.:** Q2176

Instrument ID: ECD_S **Calibration Date(s):** 06/04/2025 06/04/2025
Calibration Times: 11:19 12:55

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

LAB FILE ID:		CF 200 = <u>PS030476.D</u>		CF 500 = <u>PS030477.D</u>			
CF 750 = <u>PS030478.D</u>		CF 1000 = <u>PS030479.D</u>		CF 1500 = <u>PS030480.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	20110200000	18445100000	18262000000	18165800000	17172200000	18431100000	6
2,4,5-TP(Silvex)	23444500000	20930200000	20252400000	19918900000	18779400000	20665100000	8
2,4-D	4208920000	3650560000	3531620000	3494410000	3332550000	3643610000	9
2,4-DB	3187030000	2969900000	2987600000	3055150000	2982130000	3036360000	3
2,4-DCAA	4505990000	3745160000	3587820000	3627070000	3409690000	3775150000	11
DICAMBA	17545300000	15532100000	14992100000	14866500000	14176500000	15422500000	8
DICHLORPROP	4363010000	3637540000	3480040000	3430450000	3279680000	3638150000	12
Dinoseb	16280300000	14486300000	14010300000	13907800000	13190000000	14374900000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2176 **SAS No.:** Q2176 **SDG NO.:** Q2176

Instrument ID: ECD_S **Calibration Date(s):** 06/04/2025 06/04/2025
Calibration Times: 11:19 12:55

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

LAB FILE ID:		CF 200 = <u>PS030476.D</u>		CF 500 = <u>PS030477.D</u>			
CF 750 = <u>PS030478.D</u>		CF 1000 = <u>PS030479.D</u>		CF 1500 = <u>PS030480.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	14777200000	13128600000	12724600000	12611900000	12043300000	13057100000	8
2,4,5-TP(Silvex)	15627400000	13837500000	13337200000	13203400000	12578300000	13716700000	8
2,4-D	1858730000	1575260000	1504430000	1488570000	1434610000	1572320000	11
2,4-DB	1329650000	1149370000	1105700000	1098150000	1064880000	1149550000	9
2,4-DCAA	1341960000	1066160000	1011260000	997042000	961634000	1075610000	14
DICAMBA	7190560000	6384370000	6250780000	6263160000	6119370000	6441650000	7
DICHLORPROP	1789880000	1480180000	1413150000	1395780000	1342020000	1484200000	12
Dinoseb	11251500000	10033800000	9761280000	9784360000	9419650000	10050100000	7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/04/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 20:03 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.56	7.56	7.46	7.66	0.00
2,4-DCAA	7.37	7.37	7.27	7.47	0.01
DICHLORPROP	8.27	8.28	8.18	8.38	0.01
2,4-D	8.51	8.51	8.41	8.61	0.00
2,4,5-TP(Silvex)	9.40	9.40	9.30	9.50	0.00
2,4,5-T	9.69	9.70	9.60	9.80	0.01
2,4-DB	10.27	10.28	10.18	10.38	0.01
Dinoseb	11.50	11.50	11.40	11.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/04/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 20:03 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.98	7.98	7.88	8.08	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.70	8.70	8.60	8.80	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00
2,4,5-T	10.37	10.37	10.27	10.47	0.01
2,4-DB	10.93	10.94	10.84	11.04	0.01
Dinoseb	11.32	11.32	11.22	11.42	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL01 Date Analyzed: 06/04/2025

Lab Sample No.: HSTDCCC750 Data File : PS030497.D Time Analyzed: 20:03

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.692	9.597	9.797	729.950	712.500	2.4
2,4,5-TP(Silvex)	9.398	9.304	9.504	724.280	712.500	1.7
2,4-D	8.506	8.412	8.612	705.370	705.000	0.1
2,4-DB	10.273	10.179	10.379	730.780	712.500	2.6
2,4-DCAA	7.365	7.269	7.469	725.600	750.000	-3.3
DICAMBA	7.557	7.461	7.661	710.910	705.000	0.8
DICHLORPROP	8.273	8.179	8.379	692.230	705.000	-1.8
Dinoseb	11.495	11.402	11.602	717.380	705.000	1.8

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL01 Date Analyzed: 06/04/2025

Lab Sample No.: HSTDCCC750 Data File : PS030497.D Time Analyzed: 20:03

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.365	10.268	10.468	710.770	712.500	-0.2
2,4,5-TP(Silvex)	9.939	9.842	10.042	709.400	712.500	-0.4
2,4-D	9.032	8.934	9.134	695.700	705.000	-1.3
2,4-DB	10.933	10.836	11.036	693.450	712.500	-2.7
2,4-DCAA	7.772	7.674	7.874	722.520	750.000	-3.7
DICAMBA	7.976	7.877	8.077	701.350	705.000	-0.5
DICHLORPROP	8.696	8.598	8.798	691.250	705.000	-2.0
Dinoseb	11.319	11.221	11.421	702.840	705.000	-0.3

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 00:04 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.56	7.56	7.46	7.66	0.00
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
DICHLORPROP	8.27	8.28	8.18	8.38	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.40	9.40	9.30	9.50	0.00
2,4,5-T	9.69	9.70	9.60	9.80	0.01
2,4-DB	10.27	10.28	10.18	10.38	0.01
Dinoseb	11.49	11.50	11.40	11.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2176 **SAS No.:** Q2176 **SDG NO.:** Q2176

Continuing Calib Date: 06/05/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 00:04 **Initial Calibration Time(s):** 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.98	7.98	7.88	8.08	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.70	8.70	8.60	8.80	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00
2,4,5-T	10.37	10.37	10.27	10.47	0.01
2,4-DB	10.93	10.94	10.84	11.04	0.01
Dinoseb	11.32	11.32	11.22	11.42	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL02 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030506.D Time Analyzed: 00:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.690	9.597	9.797	691.980	712.500	-2.9
2,4,5-TP(Silvex)	9.396	9.304	9.504	710.030	712.500	-0.3
2,4-D	8.504	8.412	8.612	681.590	705.000	-3.3
2,4-DB	10.272	10.179	10.379	664.470	712.500	-6.7
2,4-DCAA	7.364	7.269	7.469	717.850	750.000	-4.3
DICAMBA	7.556	7.461	7.661	704.690	705.000	0.0
DICHLORPROP	8.272	8.179	8.379	680.910	705.000	-3.4
Dinoseb	11.493	11.402	11.602	697.350	705.000	-1.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL02 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030506.D Time Analyzed: 00:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.365	10.268	10.468	703.220	712.500	-1.3
2,4,5-TP(Silvex)	9.939	9.842	10.042	704.930	712.500	-1.1
2,4-D	9.032	8.934	9.134	692.970	705.000	-1.7
2,4-DB	10.932	10.836	11.036	692.000	712.500	-2.9
2,4-DCAA	7.772	7.674	7.874	719.760	750.000	-4.0
DICAMBA	7.976	7.877	8.077	701.320	705.000	-0.5
DICHLORPROP	8.696	8.598	8.798	685.390	705.000	-2.8
Dinoseb	11.318	11.221	11.421	693.070	705.000	-1.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 04:29 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.56	7.56	7.46	7.66	0.01
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
DICHLORPROP	8.27	8.28	8.18	8.38	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.40	9.40	9.30	9.50	0.00
2,4,5-T	9.69	9.70	9.60	9.80	0.01
2,4-DB	10.27	10.28	10.18	10.38	0.01
Dinoseb	11.49	11.50	11.40	11.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 04:29 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.98	7.98	7.88	8.08	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.70	8.70	8.60	8.80	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00
2,4,5-T	10.37	10.37	10.27	10.47	0.01
2,4-DB	10.93	10.94	10.84	11.04	0.01
Dinoseb	11.32	11.32	11.22	11.42	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL03 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030516.D Time Analyzed: 04:29

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.690	9.597	9.797	707.790	712.500	-0.7
2,4,5-TP(Silvex)	9.395	9.304	9.504	720.680	712.500	1.1
2,4-D	8.504	8.412	8.612	697.490	705.000	-1.1
2,4-DB	10.269	10.179	10.379	681.810	712.500	-4.3
2,4-DCAA	7.364	7.269	7.469	713.260	750.000	-4.9
DICAMBA	7.555	7.461	7.661	714.070	705.000	1.3
DICHLORPROP	8.271	8.179	8.379	693.020	705.000	-1.7
Dinoseb	11.491	11.402	11.602	709.130	705.000	0.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL03 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030516.D Time Analyzed: 04:29

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.365	10.268	10.468	707.320	712.500	-0.7
2,4,5-TP(Silvex)	9.939	9.842	10.042	709.690	712.500	-0.4
2,4-D	9.031	8.934	9.134	727.630	705.000	3.2
2,4-DB	10.932	10.836	11.036	696.340	712.500	-2.3
2,4-DCAA	7.772	7.674	7.874	709.210	750.000	-5.4
DICAMBA	7.976	7.877	8.077	698.330	705.000	-0.9
DICHLORPROP	8.696	8.598	8.798	689.030	705.000	-2.3
Dinoseb	11.318	11.221	11.421	699.890	705.000	-0.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 08:53 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.55	7.56	7.46	7.66	0.01
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
DICHLORPROP	8.27	8.28	8.18	8.38	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.39	9.40	9.30	9.50	0.01
2,4,5-T	9.69	9.70	9.60	9.80	0.01
2,4-DB	10.27	10.28	10.18	10.38	0.01
Dinoseb	11.49	11.50	11.40	11.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 08:53 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.97	7.98	7.88	8.08	0.01
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.70	8.60	8.80	0.01
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00
2,4,5-T	10.36	10.37	10.27	10.47	0.01
2,4-DB	10.93	10.94	10.84	11.04	0.01
Dinoseb	11.32	11.32	11.22	11.42	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL04 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030526.D Time Analyzed: 08:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.688	9.597	9.797	693.230	712.500	-2.7
2,4,5-TP(Silvex)	9.393	9.304	9.504	715.010	712.500	0.4
2,4-D	8.502	8.412	8.612	687.060	705.000	-2.5
2,4-DB	10.268	10.179	10.379	658.560	712.500	-7.6
2,4-DCAA	7.362	7.269	7.469	717.160	750.000	-4.4
DICAMBA	7.554	7.461	7.661	713.070	705.000	1.1
DICHLORPROP	8.270	8.179	8.379	689.740	705.000	-2.2
Dinoseb	11.490	11.402	11.602	712.210	705.000	1.0

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL04 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030526.D Time Analyzed: 08:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.363	10.268	10.468	707.860	712.500	-0.7
2,4,5-TP(Silvex)	9.937	9.842	10.042	709.480	712.500	-0.4
2,4-D	9.030	8.934	9.134	722.280	705.000	2.5
2,4-DB	10.930	10.836	11.036	688.890	712.500	-3.3
2,4-DCAA	7.771	7.674	7.874	726.710	750.000	-3.1
DICAMBA	7.974	7.877	8.077	709.610	705.000	0.7
DICHLORPROP	8.694	8.598	8.798	691.730	705.000	-1.9
Dinoseb	11.316	11.221	11.421	708.340	705.000	0.5

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 10:46 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.55	7.56	7.46	7.66	0.01
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
DICHLORPROP	8.27	8.28	8.18	8.38	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.39	9.40	9.30	9.50	0.01
2,4,5-T	9.69	9.70	9.60	9.80	0.01
2,4-DB	10.27	10.28	10.18	10.38	0.01
Dinoseb	11.49	11.50	11.40	11.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 10:46 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.97	7.98	7.88	8.08	0.01
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.70	8.60	8.80	0.01
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00
2,4,5-T	10.36	10.37	10.27	10.47	0.01
2,4-DB	10.93	10.94	10.84	11.04	0.01
Dinoseb	11.32	11.32	11.22	11.42	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL05 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030529.D Time Analyzed: 10:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.688	9.597	9.797	696.360	712.500	-2.3
2,4,5-TP(Silvex)	9.393	9.304	9.504	720.870	712.500	1.2
2,4-D	8.502	8.412	8.612	690.150	705.000	-2.1
2,4-DB	10.268	10.179	10.379	655.240	712.500	-8.0
2,4-DCAA	7.361	7.269	7.469	744.640	750.000	-0.7
DICAMBA	7.553	7.461	7.661	720.790	705.000	2.2
DICHLORPROP	8.269	8.179	8.379	693.830	705.000	-1.6
Dinoseb	11.490	11.402	11.602	718.240	705.000	1.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL05 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030529.D Time Analyzed: 10:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.362	10.268	10.468	713.650	712.500	0.2
2,4,5-TP(Silvex)	9.937	9.842	10.042	717.800	712.500	0.7
2,4-D	9.030	8.934	9.134	710.700	705.000	0.8
2,4-DB	10.930	10.836	11.036	698.670	712.500	-1.9
2,4-DCAA	7.771	7.674	7.874	730.660	750.000	-2.6
DICAMBA	7.974	7.877	8.077	713.970	705.000	1.3
DICHLORPROP	8.694	8.598	8.798	696.090	705.000	-1.3
Dinoseb	11.316	11.221	11.421	716.500	705.000	1.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 15:18 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.55	7.56	7.46	7.66	0.01
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
DICHLORPROP	8.27	8.28	8.18	8.38	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.39	9.40	9.30	9.50	0.01
2,4,5-T	9.69	9.70	9.60	9.80	0.01
2,4-DB	10.27	10.28	10.18	10.38	0.01
Dinoseb	11.49	11.50	11.40	11.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

Continuing Calib Date: 06/05/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 15:18 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.97	7.98	7.88	8.08	0.01
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.70	8.60	8.80	0.01
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00
2,4,5-T	10.36	10.37	10.27	10.47	0.01
2,4-DB	10.93	10.94	10.84	11.04	0.01
Dinoseb	11.32	11.32	11.22	11.42	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL06 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030532.D Time Analyzed: 15:18

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.688	9.597	9.797	700.170	712.500	-1.7
2,4,5-TP(Silvex)	9.394	9.304	9.504	723.990	712.500	1.6
2,4-D	8.503	8.412	8.612	691.070	705.000	-2.0
2,4-DB	10.268	10.179	10.379	664.630	712.500	-6.7
2,4-DCAA	7.362	7.269	7.469	741.180	750.000	-1.2
DICAMBA	7.554	7.461	7.661	721.180	705.000	2.3
DICHLORPROP	8.270	8.179	8.379	696.700	705.000	-1.2
Dinoseb	11.491	11.402	11.602	723.120	705.000	2.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176 SAS No.: Q2176 SDG NO.: Q2176

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL06 Date Analyzed: 06/05/2025

Lab Sample No.: HSTDCCC750 Data File : PS030532.D Time Analyzed: 15:18

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.362	10.268	10.468	712.190	712.500	0.0
2,4,5-TP(Silvex)	9.937	9.842	10.042	713.500	712.500	0.1
2,4-D	9.029	8.934	9.134	708.180	705.000	0.5
2,4-DB	10.929	10.836	11.036	695.800	712.500	-2.3
2,4-DCAA	7.770	7.674	7.874	727.740	750.000	-3.0
DICAMBA	7.974	7.877	8.077	710.730	705.000	0.8
DICHLORPROP	8.694	8.598	8.798	691.060	705.000	-2.0
Dinoseb	11.315	11.221	11.421	713.050	705.000	1.1

Analytical Sequence

Client: CDM Smith	SDG No.: Q2176
Project: South River WM Replacement	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 06/04/2025 06/04/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	06/04/2025	10:55	PS030475.D	7.37	0.00
HSTDICC200	HSTDICC200	06/04/2025	11:19	PS030476.D	7.37	0.00
HSTDICC500	HSTDICC500	06/04/2025	11:43	PS030477.D	7.37	0.00
HSTDICC750	HSTDICC750	06/04/2025	12:07	PS030478.D	7.37	0.00
HSTDICC1000	HSTDICC1000	06/04/2025	12:31	PS030479.D	7.37	0.00
HSTDICC1500	HSTDICC1500	06/04/2025	12:55	PS030480.D	7.37	0.00
IBLK	IBLK	06/04/2025	19:39	PS030496.D	7.37	0.00
HSTDCCC750	HSTDCCC750	06/04/2025	20:03	PS030497.D	7.37	0.00
TP05-MHH-WCMS	Q2160-05MS	06/04/2025	21:40	PS030500.D	7.36	0.00
TP05-MHH-WCMSD	Q2160-05MSD	06/04/2025	22:04	PS030501.D	7.36	0.00
IBLK	IBLK	06/04/2025	23:40	PS030505.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	00:04	PS030506.D	7.36	0.00
PB168254BL	PB168254BL	06/05/2025	03:17	PS030513.D	7.36	0.00
PB168254BS	PB168254BS	06/05/2025	03:41	PS030514.D	7.36	0.00
IBLK	IBLK	06/05/2025	04:05	PS030515.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	04:29	PS030516.D	7.36	0.00
TP-46	Q2176-01	06/05/2025	05:17	PS030517.D	7.36	0.00
TP-56	Q2176-02	06/05/2025	05:41	PS030518.D	7.36	0.00
TP-25	Q2176-03	06/05/2025	06:05	PS030519.D	7.36	0.00
TP-28	Q2176-05	06/05/2025	06:53	PS030521.D	7.36	0.00
TP-27	Q2176-06	06/05/2025	07:17	PS030522.D	7.36	0.00
TP-31	Q2176-07	06/05/2025	07:41	PS030523.D	7.36	0.00
TP-65	Q2176-08	06/05/2025	08:05	PS030524.D	7.36	0.00
IBLK	IBLK	06/05/2025	08:29	PS030525.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	08:53	PS030526.D	7.36	0.00
IBLK	IBLK	06/05/2025	10:22	PS030528.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	10:46	PS030529.D	7.36	0.00
TP-26	Q2176-04	06/05/2025	13:03	PS030530.D	7.36	0.00
IBLK	IBLK	06/05/2025	14:54	PS030531.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	15:18	PS030532.D	7.36	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q2176
Project: South River WM Replacement	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 06/04/2025 06/04/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	06/04/2025	10:55	PS030475.D	7.77	0.00
HSTDICC200	HSTDICC200	06/04/2025	11:19	PS030476.D	7.77	0.00
HSTDICC500	HSTDICC500	06/04/2025	11:43	PS030477.D	7.77	0.00
HSTDICC750	HSTDICC750	06/04/2025	12:07	PS030478.D	7.77	0.00
HSTDICC1000	HSTDICC1000	06/04/2025	12:31	PS030479.D	7.77	0.00
HSTDICC1500	HSTDICC1500	06/04/2025	12:55	PS030480.D	7.77	0.00
IBLK	IBLK	06/04/2025	19:39	PS030496.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/04/2025	20:03	PS030497.D	7.77	0.00
TP05-MHH-WCMS	Q2160-05MS	06/04/2025	21:40	PS030500.D	7.77	0.00
TP05-MHH-WCMSD	Q2160-05MSD	06/04/2025	22:04	PS030501.D	7.77	0.00
IBLK	IBLK	06/04/2025	23:40	PS030505.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	00:04	PS030506.D	7.77	0.00
PB168254BL	PB168254BL	06/05/2025	03:17	PS030513.D	7.77	0.00
PB168254BS	PB168254BS	06/05/2025	03:41	PS030514.D	7.77	0.00
IBLK	IBLK	06/05/2025	04:05	PS030515.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	04:29	PS030516.D	7.77	0.00
TP-46	Q2176-01	06/05/2025	05:17	PS030517.D	7.77	0.00
TP-56	Q2176-02	06/05/2025	05:41	PS030518.D	7.77	0.00
TP-25	Q2176-03	06/05/2025	06:05	PS030519.D	7.77	0.00
TP-28	Q2176-05	06/05/2025	06:53	PS030521.D	7.77	0.00
TP-27	Q2176-06	06/05/2025	07:17	PS030522.D	7.77	0.00
TP-31	Q2176-07	06/05/2025	07:41	PS030523.D	7.77	0.00
TP-65	Q2176-08	06/05/2025	08:05	PS030524.D	7.77	0.00
IBLK	IBLK	06/05/2025	08:29	PS030525.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	08:53	PS030526.D	7.77	0.00
IBLK	IBLK	06/05/2025	10:22	PS030528.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	10:46	PS030529.D	7.77	0.00
TP-26	Q2176-04	06/05/2025	13:03	PS030530.D	7.77	0.00
IBLK	IBLK	06/05/2025	14:54	PS030531.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/05/2025	15:18	PS030532.D	7.77	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168254BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176

SAS No.: Q2176 SDG NO.: Q2176

Lab Sample ID: PB168254BS

Date(s) Analyzed: 06/05/2025 06/05/2025

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		CONCENTRATION	%RPD
			FROM	TO		
DICHLORPROP	1	8.27	8.22	8.32	160	1.3
	2	8.70	8.65	8.75	158	
2,4-D	1	8.50	8.45	8.55	160	1.9
	2	9.03	8.98	9.08	163	
2,4,5-TP(Silvex)	1	9.40	9.35	9.45	166	2.4
	2	9.94	9.89	9.99	162	
2,4,5-T	1	9.69	9.64	9.74	160	0.6
	2	10.36	10.31	10.41	161	
2,4-DB	1	10.27	10.22	10.32	154	2.6
	2	10.93	10.88	10.98	158	
Dinoseb	1	11.49	11.44	11.54	163	3.1
	2	11.32	11.27	11.37	158	
DICAMBA	1	7.56	7.51	7.61	162	2.5
	2	7.98	7.93	8.03	158	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP05-MHH-WCMS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176

SAS No.: Q2176 SDG NO.: Q2176

Lab Sample ID: Q2160-05MS

Date(s) Analyzed: 06/04/2025 06/04/2025

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		CONCENTRATION	%RPD
			FROM	TO		
DICHLORPROP	1	8.27	8.22	8.32	189	1.1
	2	8.70	8.65	8.75	191	
2,4-D	1	8.50	8.45	8.55	234	21.8
	2	9.03	8.98	9.08	188	
2,4,5-TP(Silvex)	1	9.40	9.35	9.45	192	2.1
	2	9.94	9.89	9.99	196	
2,4,5-T	1	9.69	9.64	9.74	191	2.1
	2	10.36	10.31	10.41	187	
2,4-DB	1	10.27	10.22	10.32	132	25.2
	2	10.93	10.88	10.98	170	
DICAMBA	1	7.56	7.51	7.61	176	1.7
	2	7.98	7.93	8.03	179	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP05-MHH-WCMSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2176

SAS No.: Q2176 SDG NO.: Q2176

Lab Sample ID: Q2160-05MSD

Date(s) Analyzed: 06/04/2025 06/04/2025

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		CONCENTRATION	%RPD
			FROM	TO		
DICHLORPROP	1	8.27	8.22	8.32	190	0.5
	2	8.70	8.65	8.75	191	
2,4-D	1	8.50	8.45	8.55	234	22.9
	2	9.03	8.98	9.08	186	
2,4,5-TP(Silvex)	1	9.40	9.35	9.45	192	3.1
	2	9.94	9.89	9.99	198	
2,4,5-T	1	9.69	9.64	9.74	192	2.6
	2	10.36	10.31	10.41	187	
2,4-DB	1	10.27	10.22	10.32	131	24.2
	2	10.93	10.88	10.98	167	
DICAMBA	1	7.56	7.51	7.61	177	2.2
	2	7.98	7.93	8.03	181	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 05:17
Operator : AR\AJ
Sample : Q2176-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-46

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 08:33:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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
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System Monitoring Compounds

4) S	2,4-DCAA	7.363	7.772	1209.6E6	364.4E6	320.405	338.772
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Target Compounds

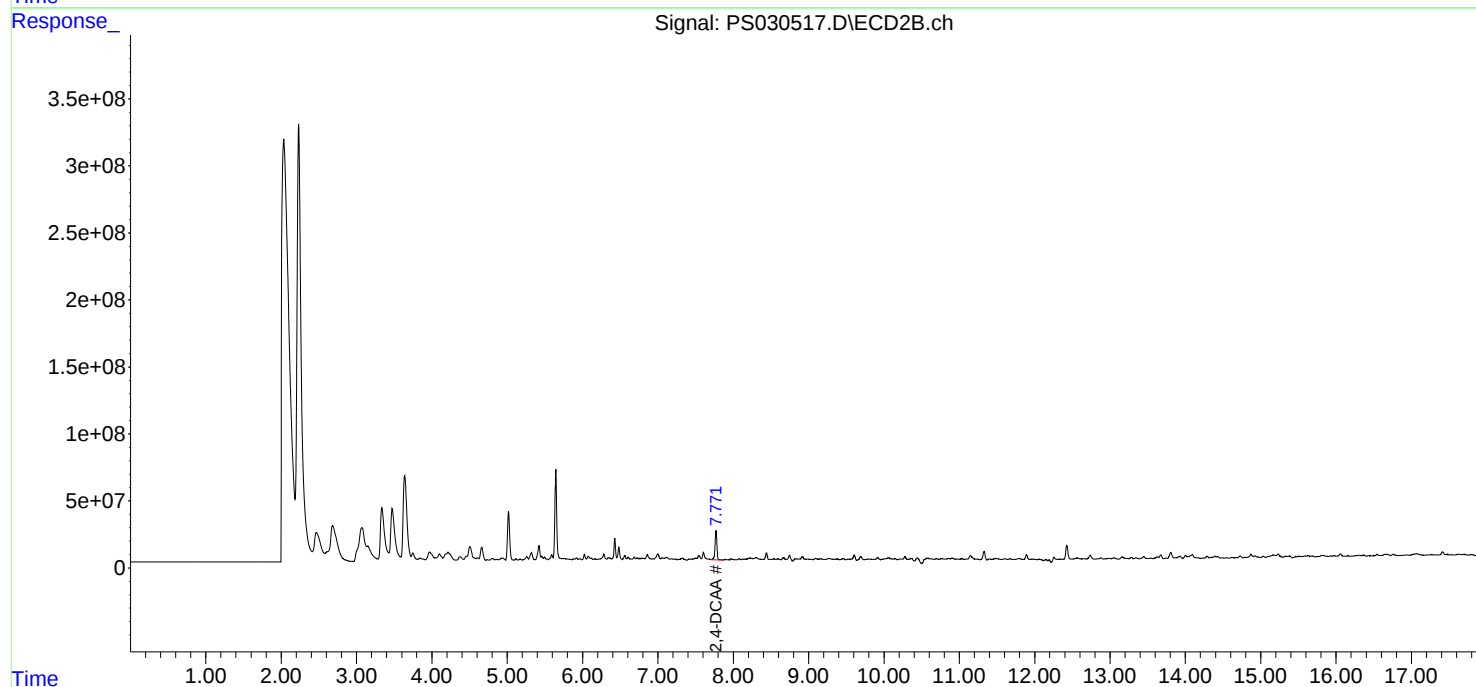
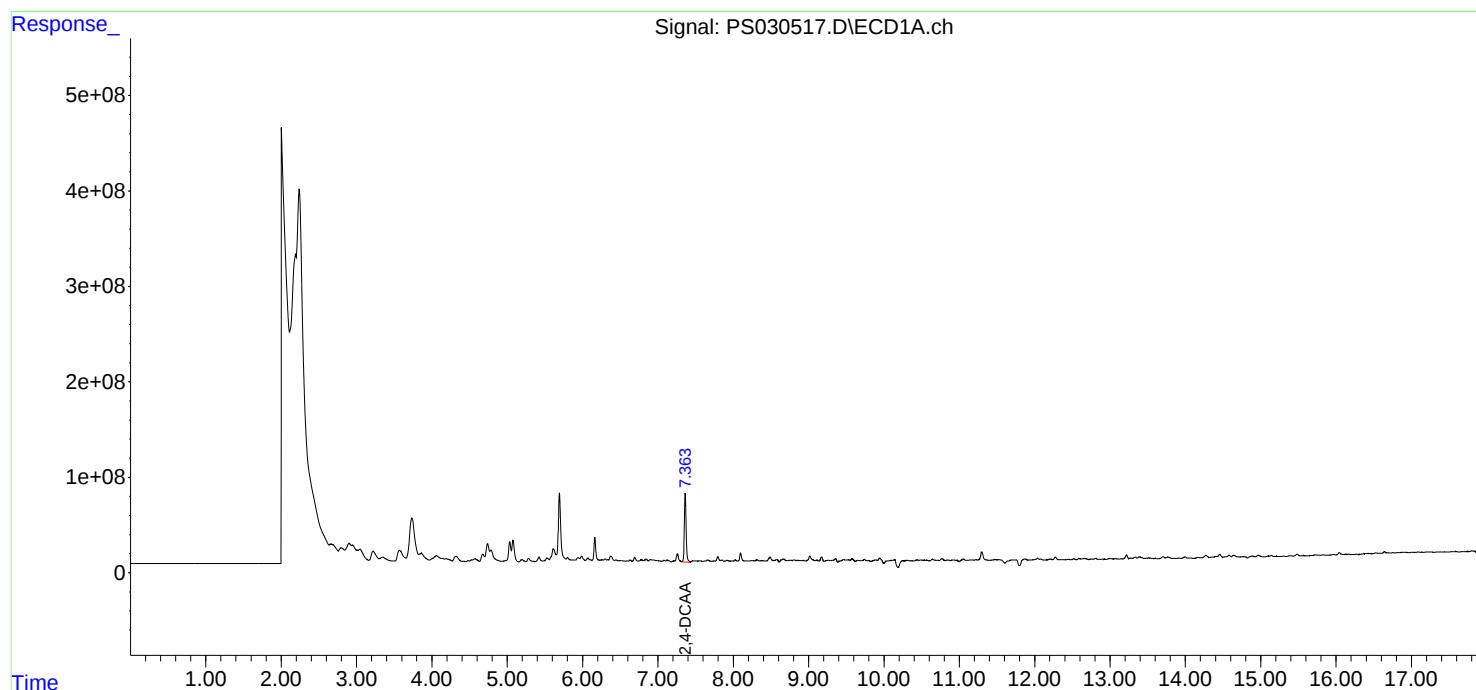
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

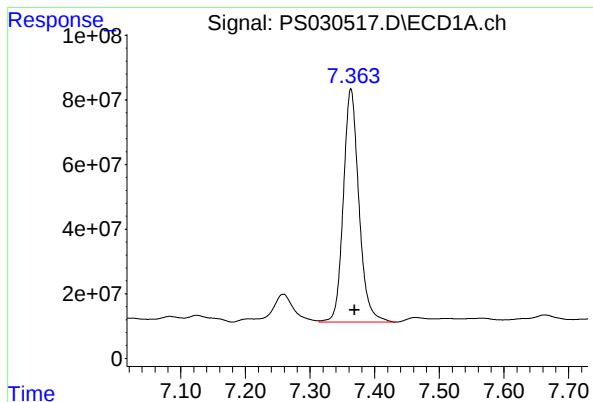
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 05:17
Operator : AR\AJ
Sample : Q2176-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-46

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 08:33:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#4 2,4-DCAA

R.T.: 7.363 min

Delta R.T.: -0.006 min

Response: 1209574435

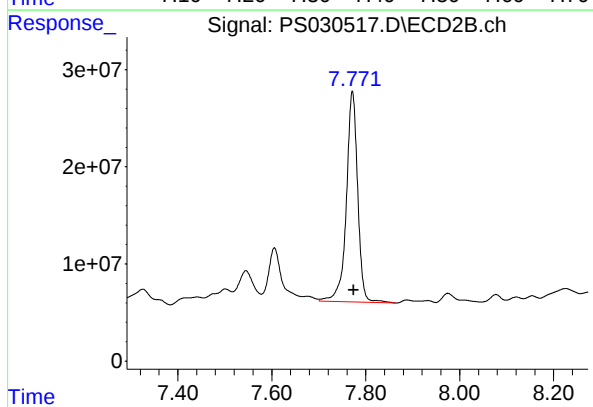
Conc: 320.40 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-46



#4 2,4-DCAA

R.T.: 7.772 min

Delta R.T.: -0.003 min

Response: 364387136

Conc: 338.77 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 05:41
 Operator : AR\AJ
 Sample : Q2176-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-56

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 08:33:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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	7.362	7.771	1131.3E6	311.8E6	299.663	289.923m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 05:41
Operator : AR\AJ
Sample : Q2176-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

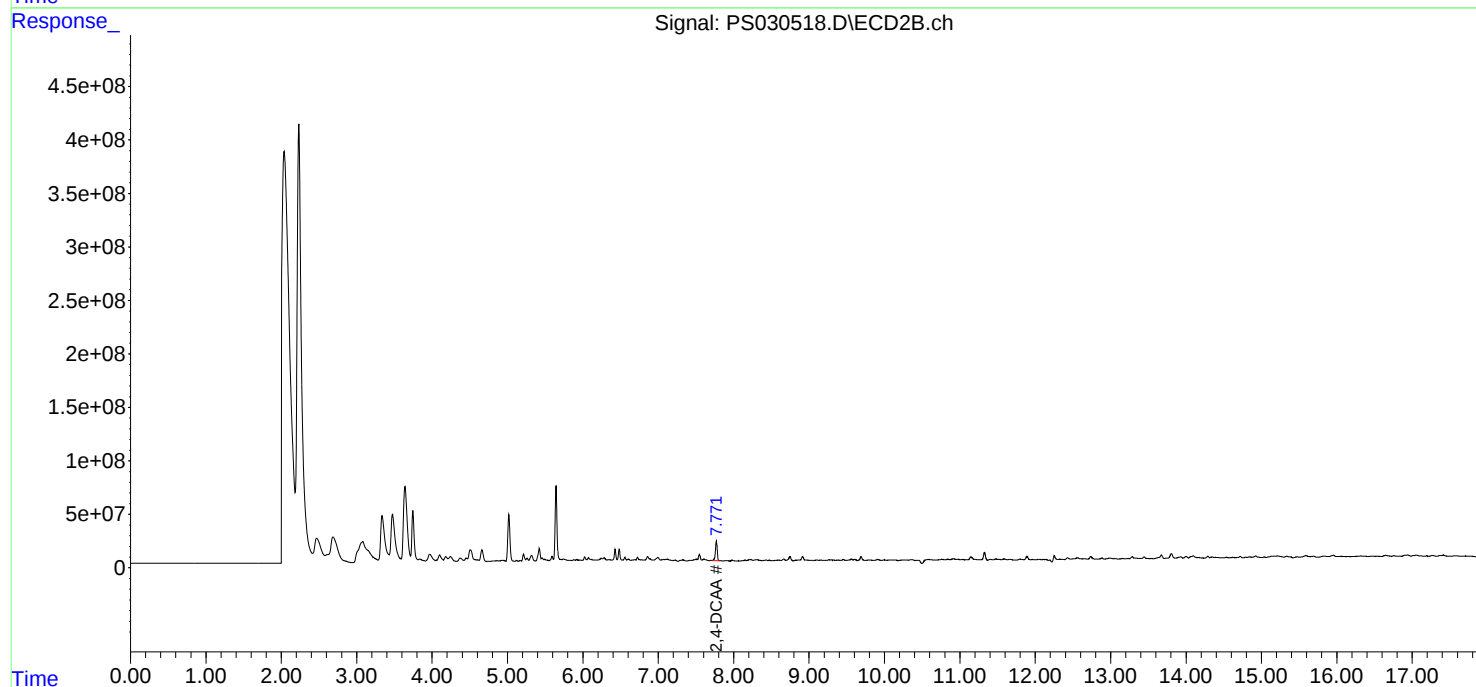
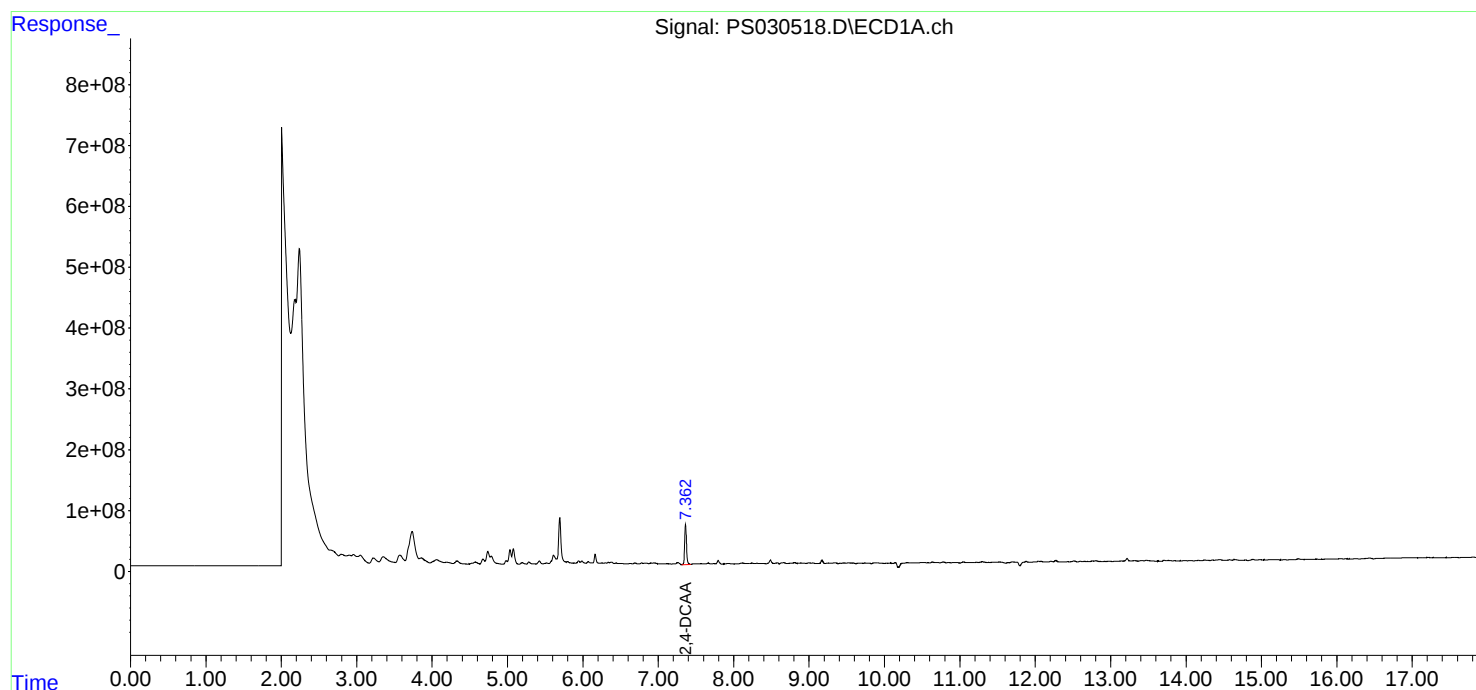
Instrument :
ECD_S
ClientSampleId :
TP-56

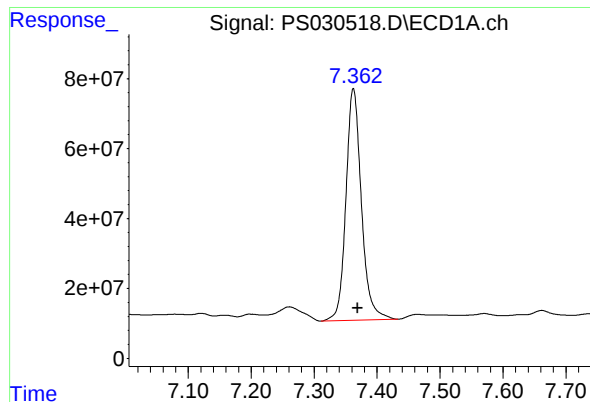
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/05/2025
Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 08:33:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





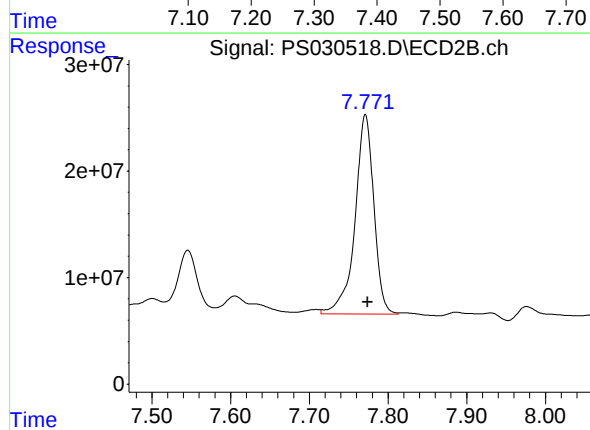
#4 2,4-DCAA

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 1131271327
Conc: 299.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-56

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 311844347
Conc: 289.92 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 06:05
 Operator : AR\AJ
 Sample : Q2176-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-25

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 08:33:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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	7.363	7.772	1196.3E6	365.3E6	316.895	339.593

Target Compounds

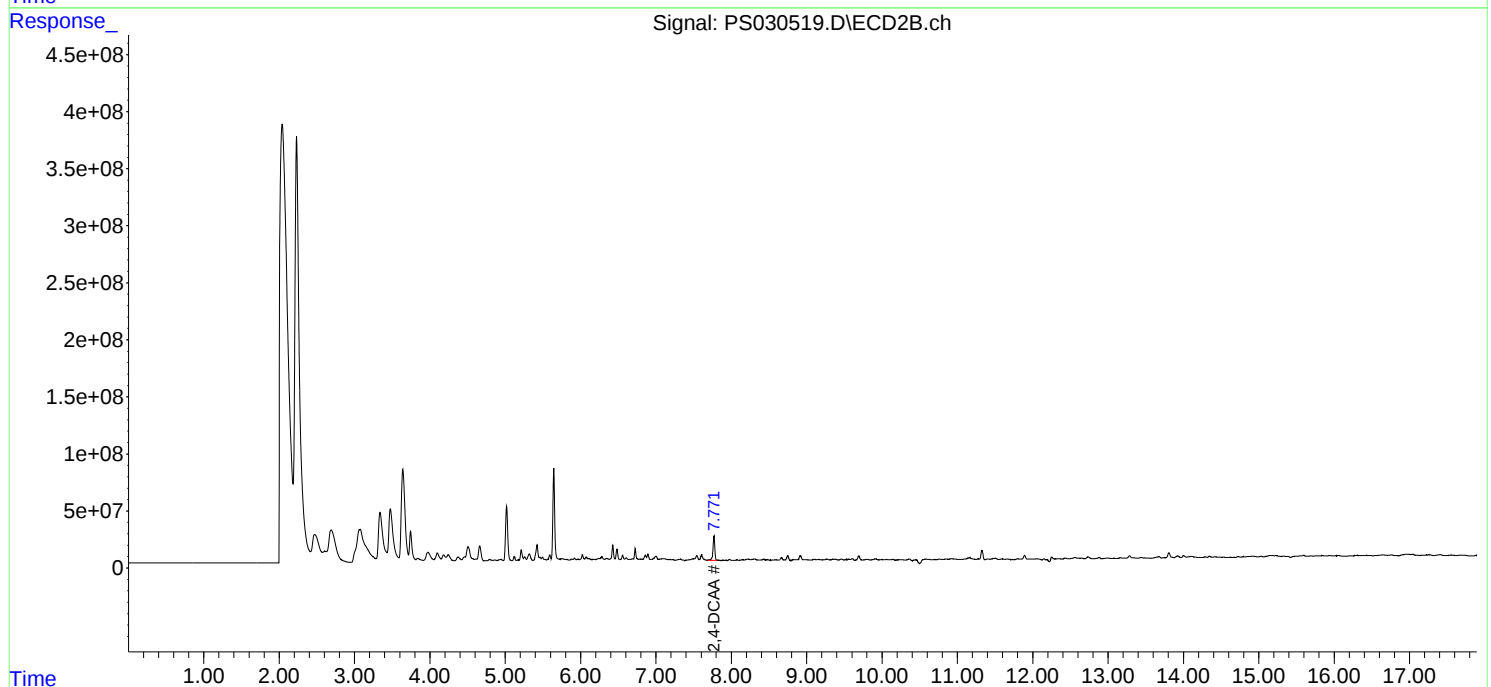
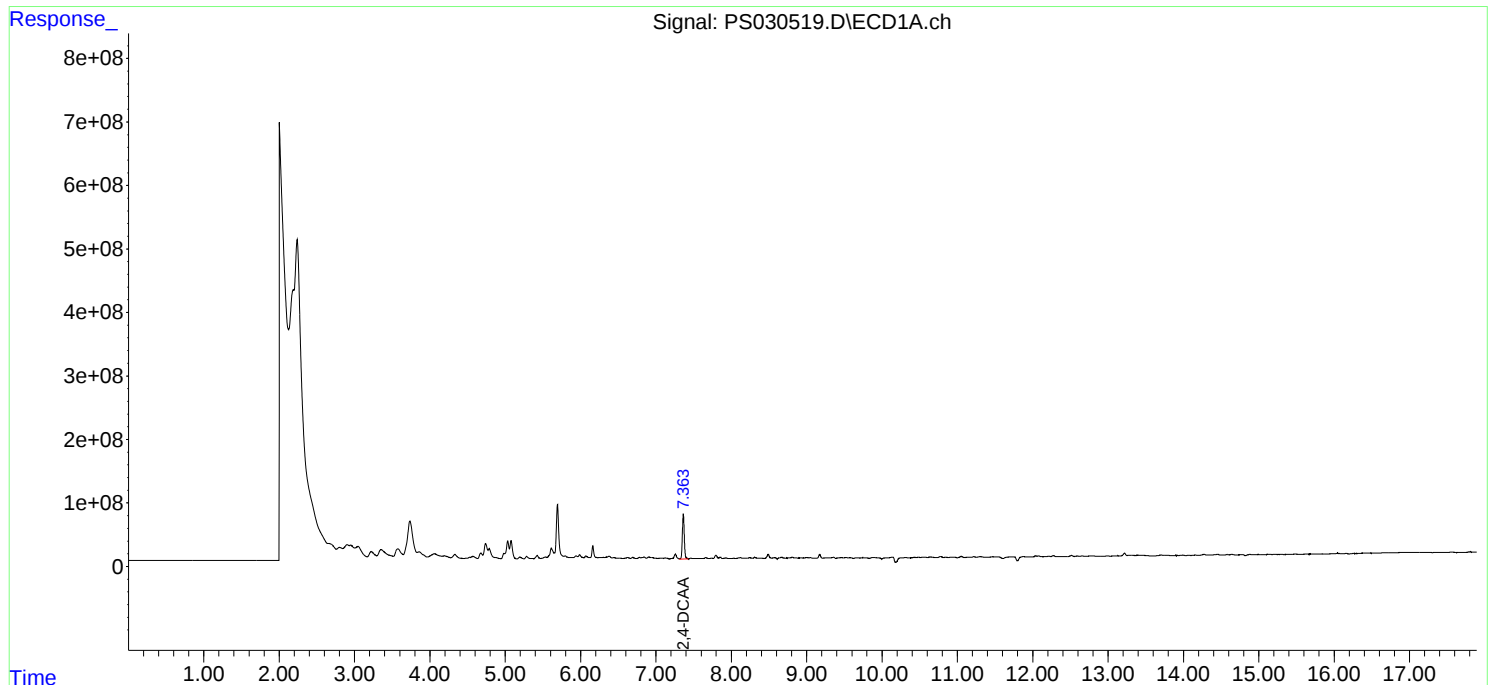
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

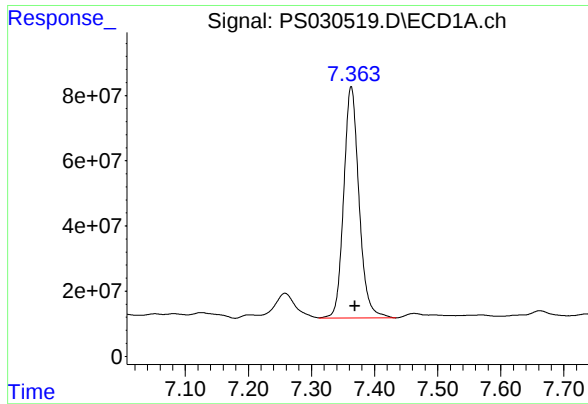
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 06:05
Operator : AR\AJ
Sample : Q2176-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-25

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 08:33:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#4 2,4-DCAA

R.T.: 7.363 min

Delta R.T.: -0.006 min

Response: 1196323071

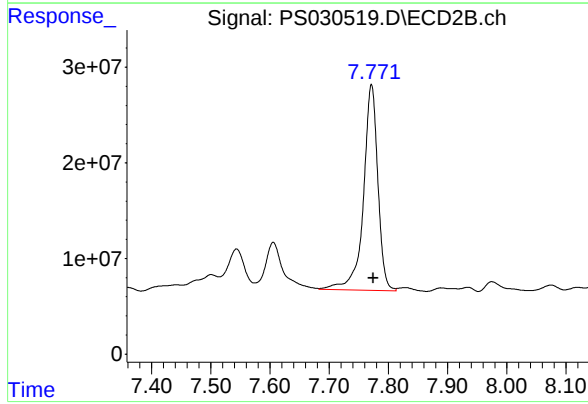
Conc: 316.89 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-25



#4 2,4-DCAA

R.T.: 7.772 min

Delta R.T.: -0.003 min

Response: 365269377

Conc: 339.59 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060525\
 Data File : PS030530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 13:03
 Operator : AR\AJ
 Sample : Q2176-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-26

A

B

C

D

E

F

G

H

I

J

K

L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 01:20:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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	7.364	7.767	268.0E6	77274836	70.995	71.843

Target Compounds

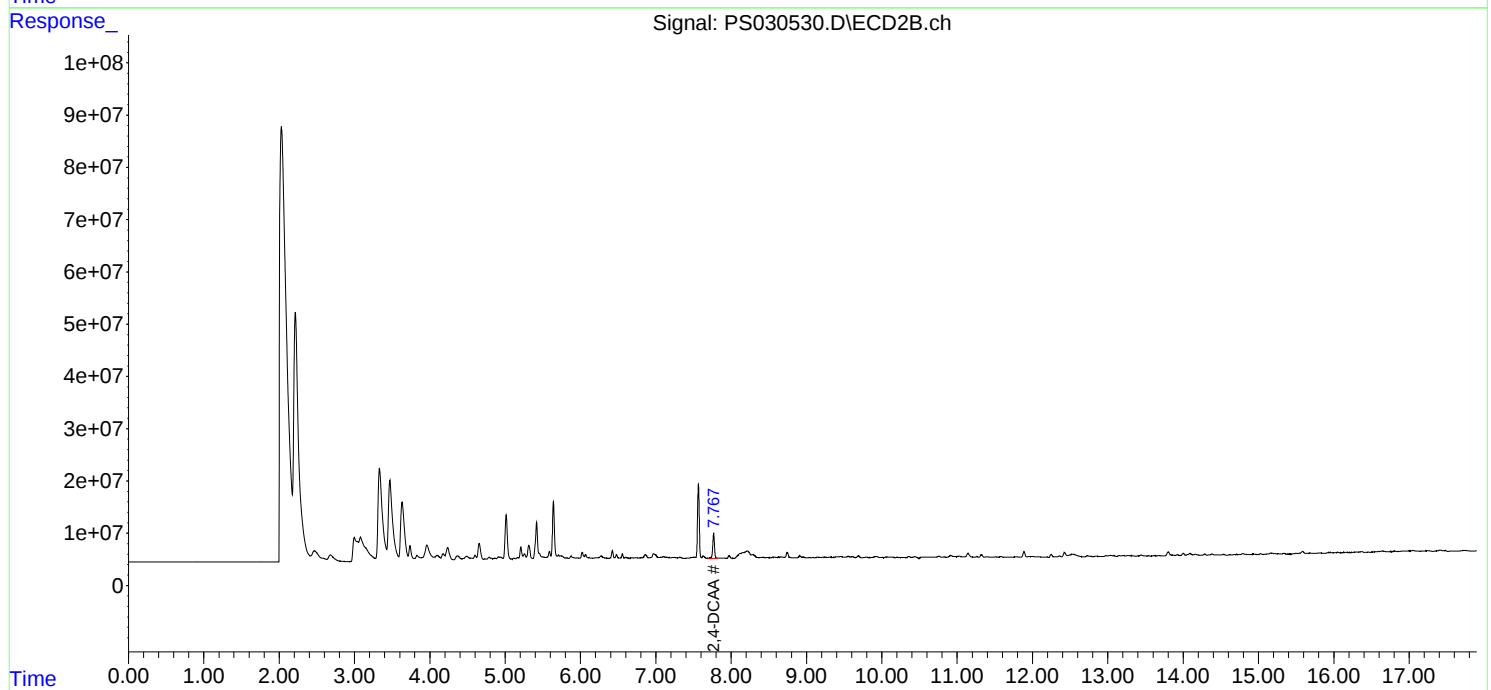
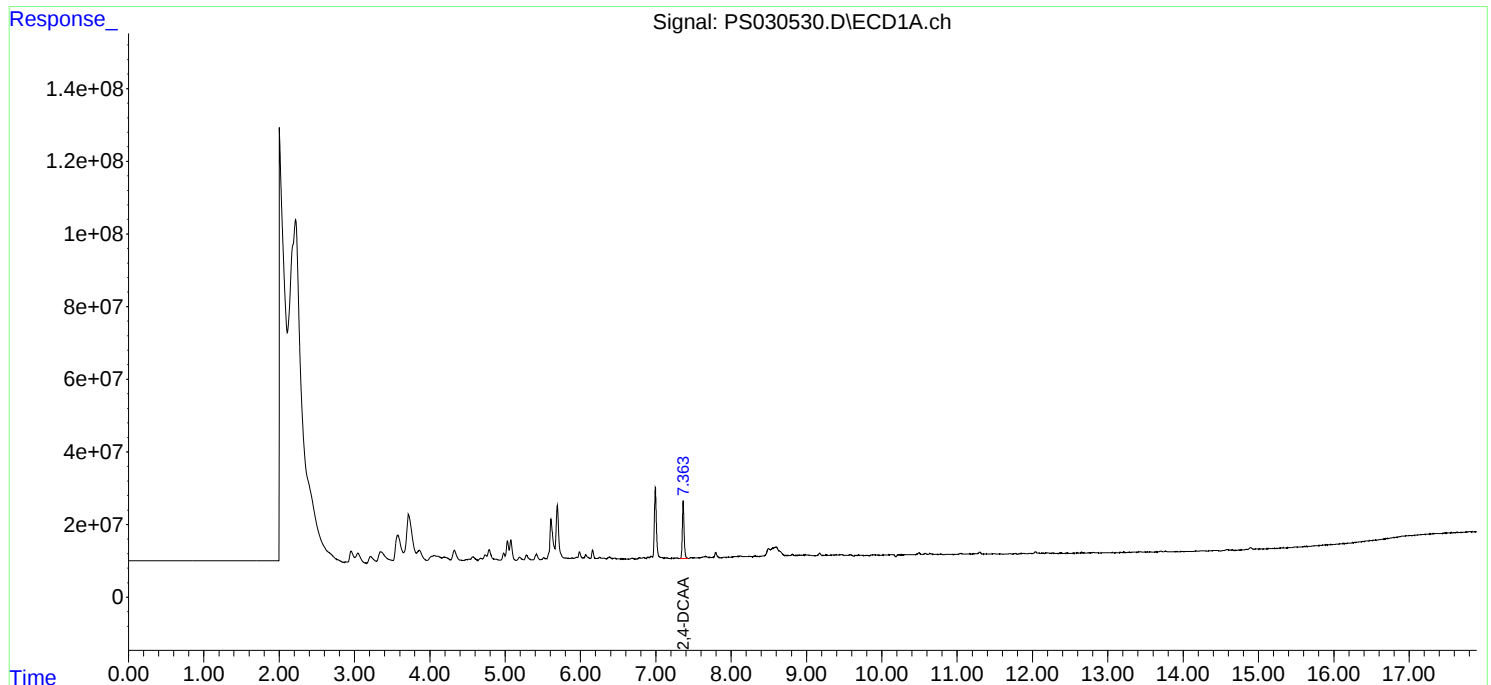
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

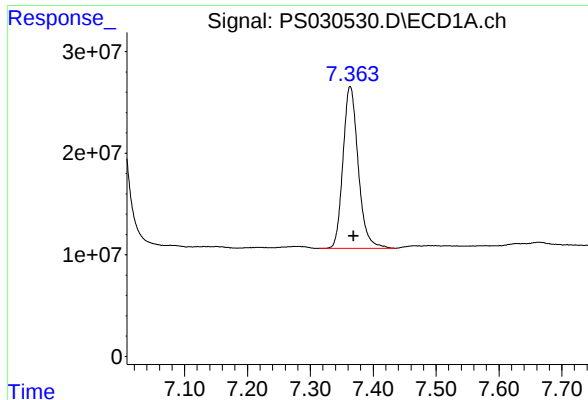
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060525\
Data File : PS030530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 13:03
Operator : AR\AJ
Sample : Q2176-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-26

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 01:20:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#4 2,4-DCAA

R.T.: 7.364 min

Delta R.T.: -0.006 min

Response: 268017107

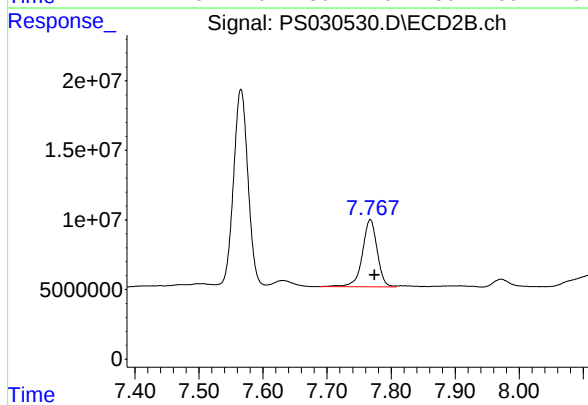
Conc: 71.00 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-26



#4 2,4-DCAA

R.T.: 7.767 min

Delta R.T.: -0.007 min

Response: 77274836

Conc: 71.84 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 06:53
Operator : AR\AJ
Sample : Q2176-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-28

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 08:34:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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	7.362	7.771	1307.9E6	328.9E6	346.445	305.736

Target Compounds

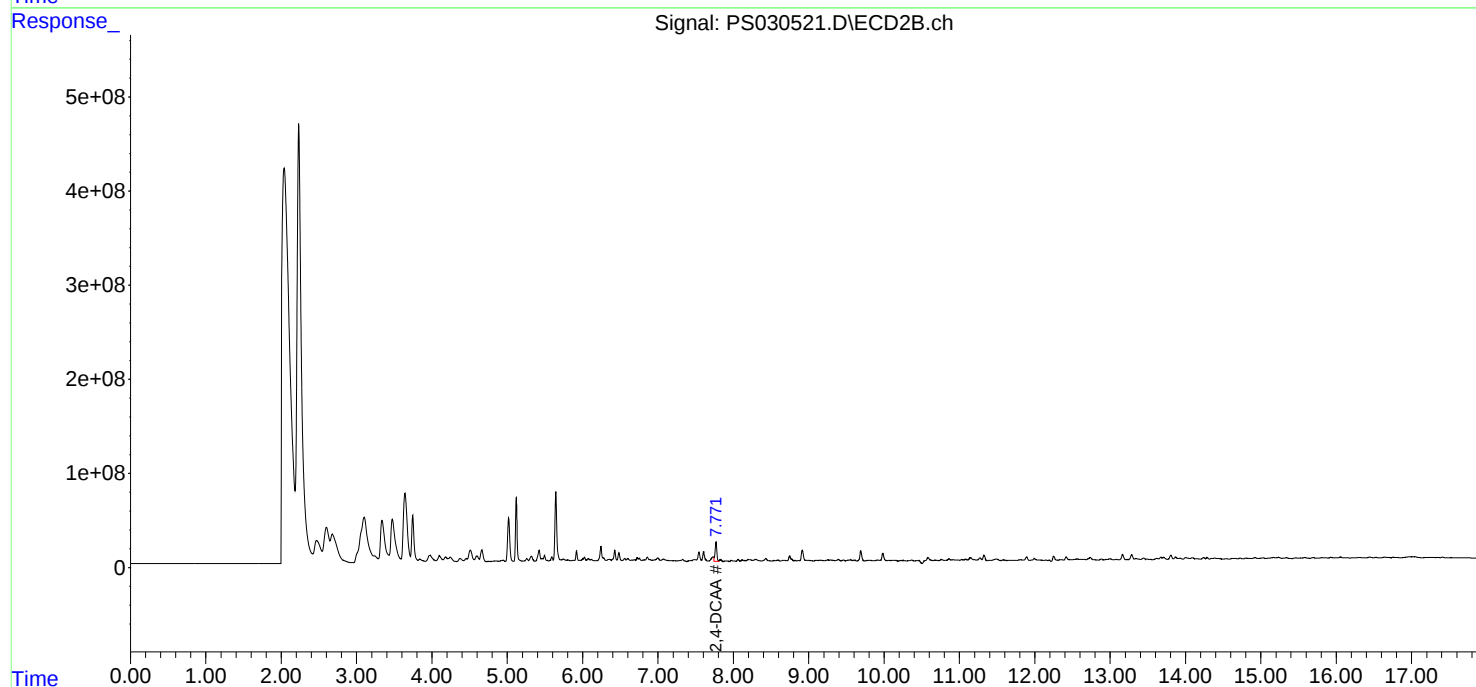
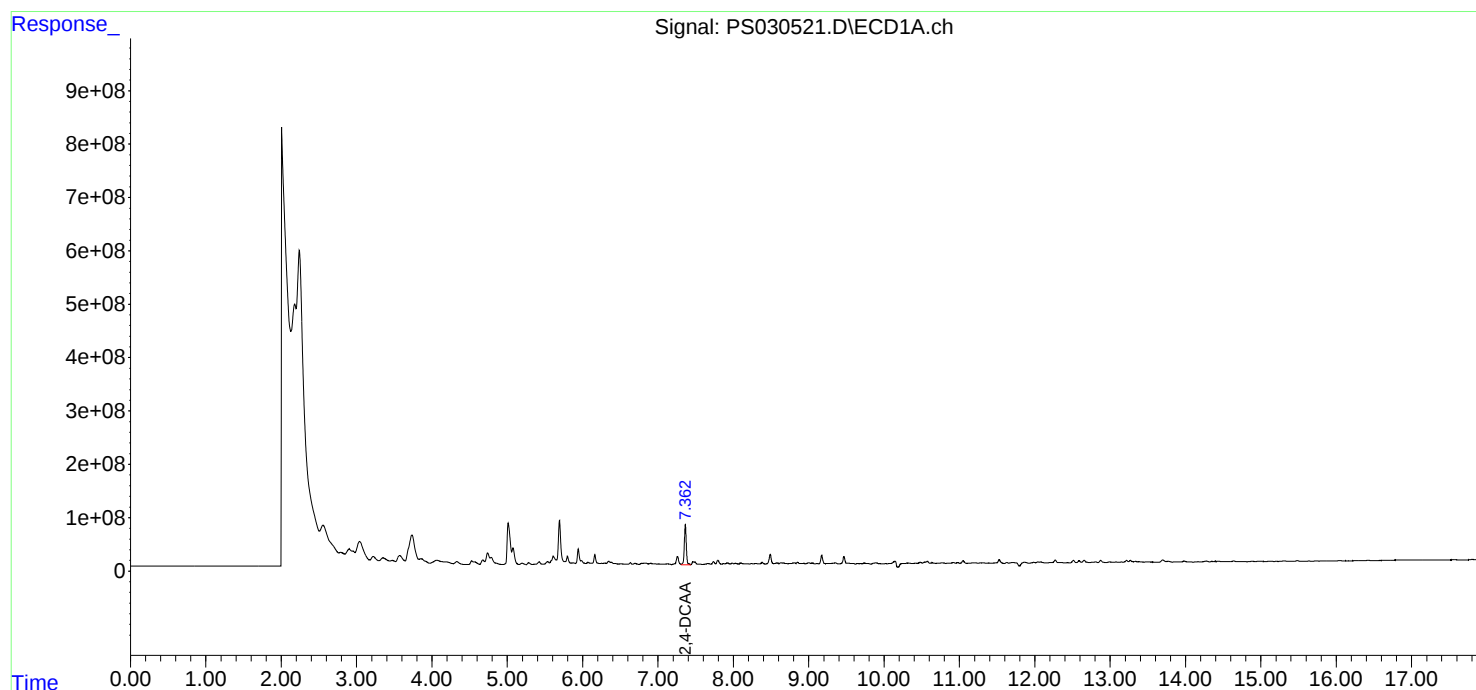
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

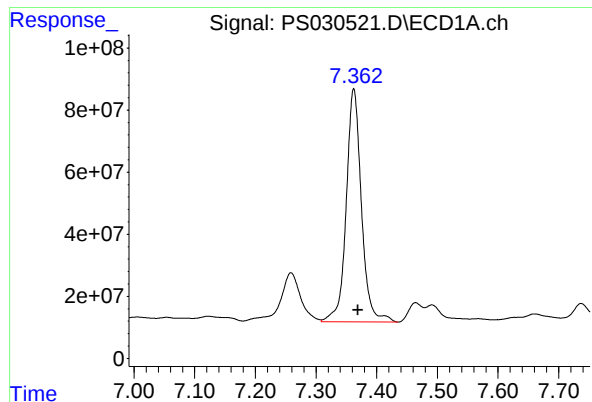
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 06:53
Operator : AR\AJ
Sample : Q2176-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-28

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 08:34:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#4 2,4-DCAA

R.T.: 7.362 min

Delta R.T.: -0.007 min

Response: 1307879600

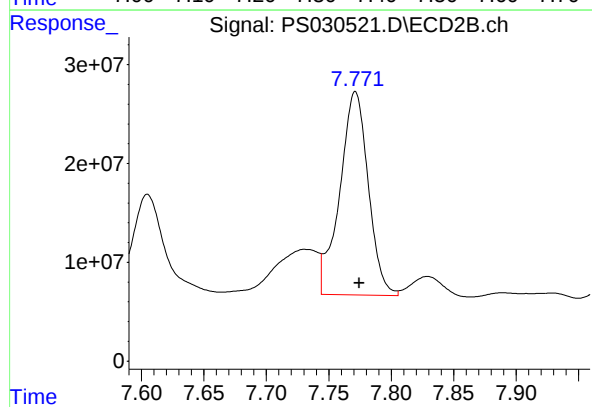
Conc: 346.44 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-28



#4 2,4-DCAA

R.T.: 7.771 min

Delta R.T.: -0.003 min

Response: 328852332

Conc: 305.74 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 07:17
 Operator : AR\AJ
 Sample : Q2176-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-27

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 08:34:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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
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System Monitoring Compounds

4) S	2,4-DCAA	7.362	7.770	931.5E6	273.0E6	246.748	253.850m
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Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 07:17
Operator : AR\AJ
Sample : Q2176-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

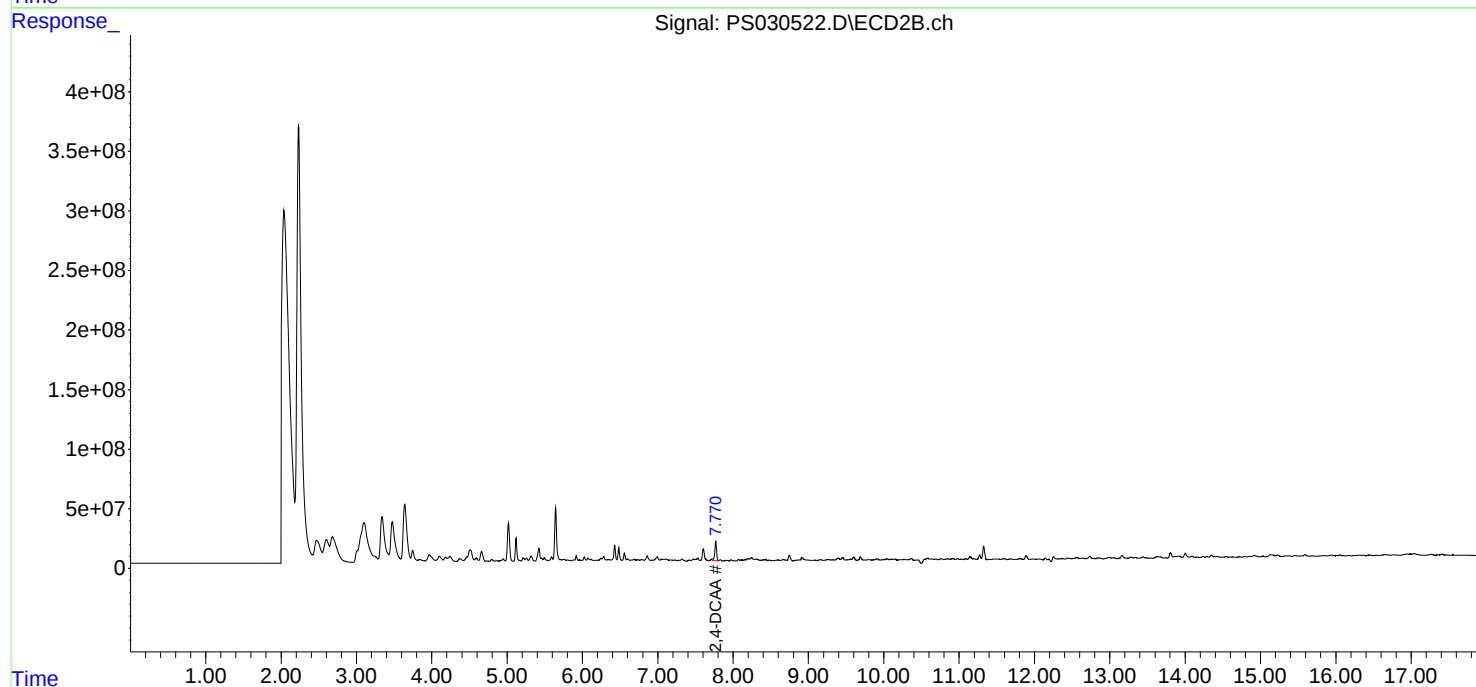
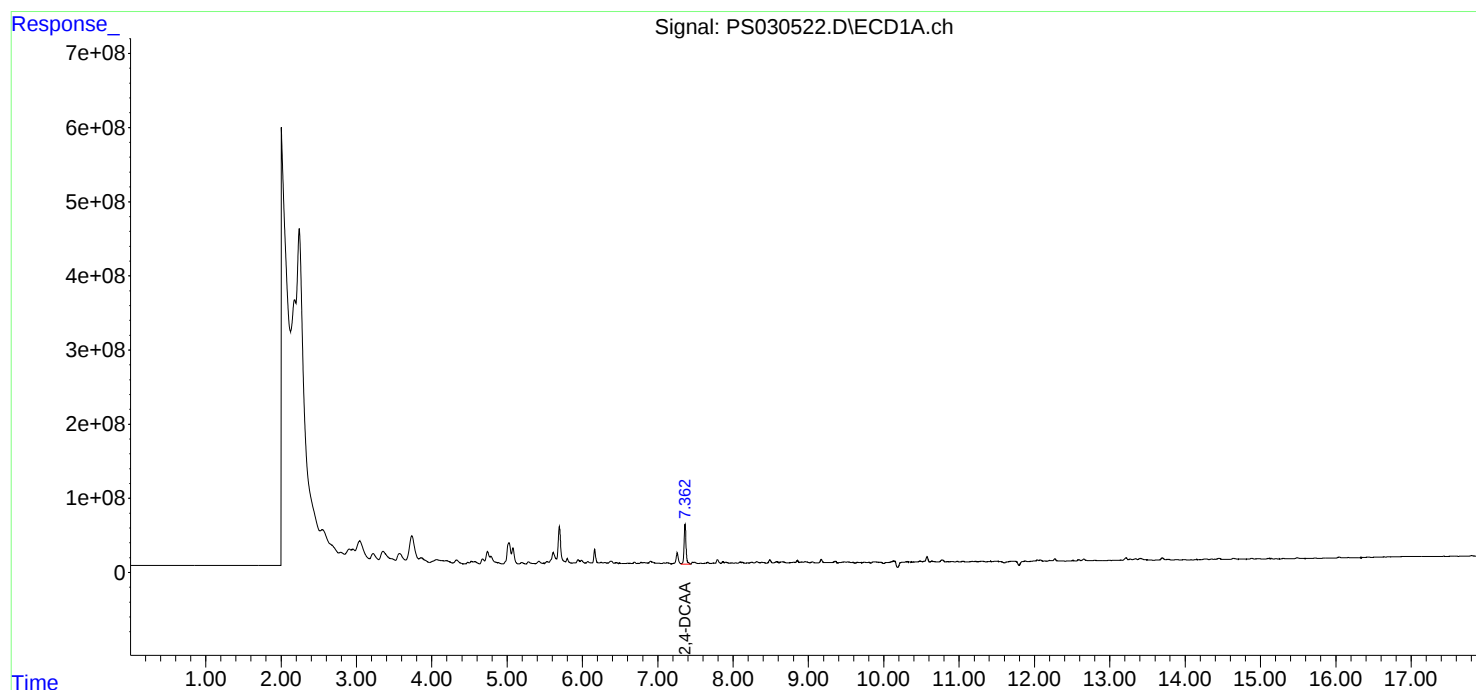
Instrument :
ECD_S
ClientSampleId :
TP-27

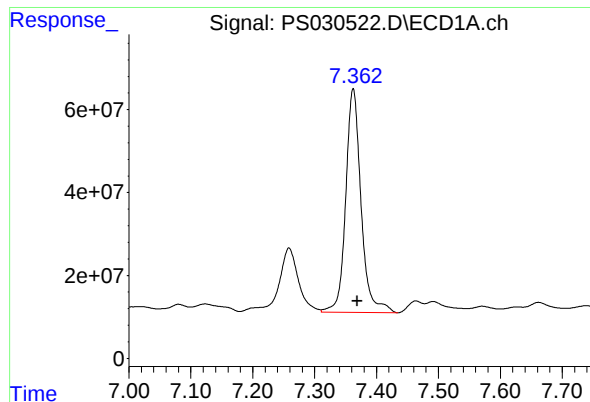
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/05/2025
Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 08:34:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





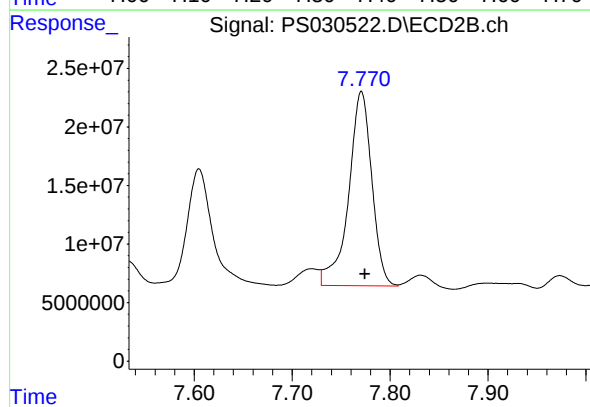
#4 2,4-DCAA

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 931509611
Conc: 246.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-27

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 273043980
Conc: 253.85 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 07:41
 Operator : AR\AJ
 Sample : Q2176-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-31

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 08:34:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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	7.363	7.770	1258.4E6	371.7E6	333.337	345.586m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 07:41
Operator : AR\AJ
Sample : Q2176-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

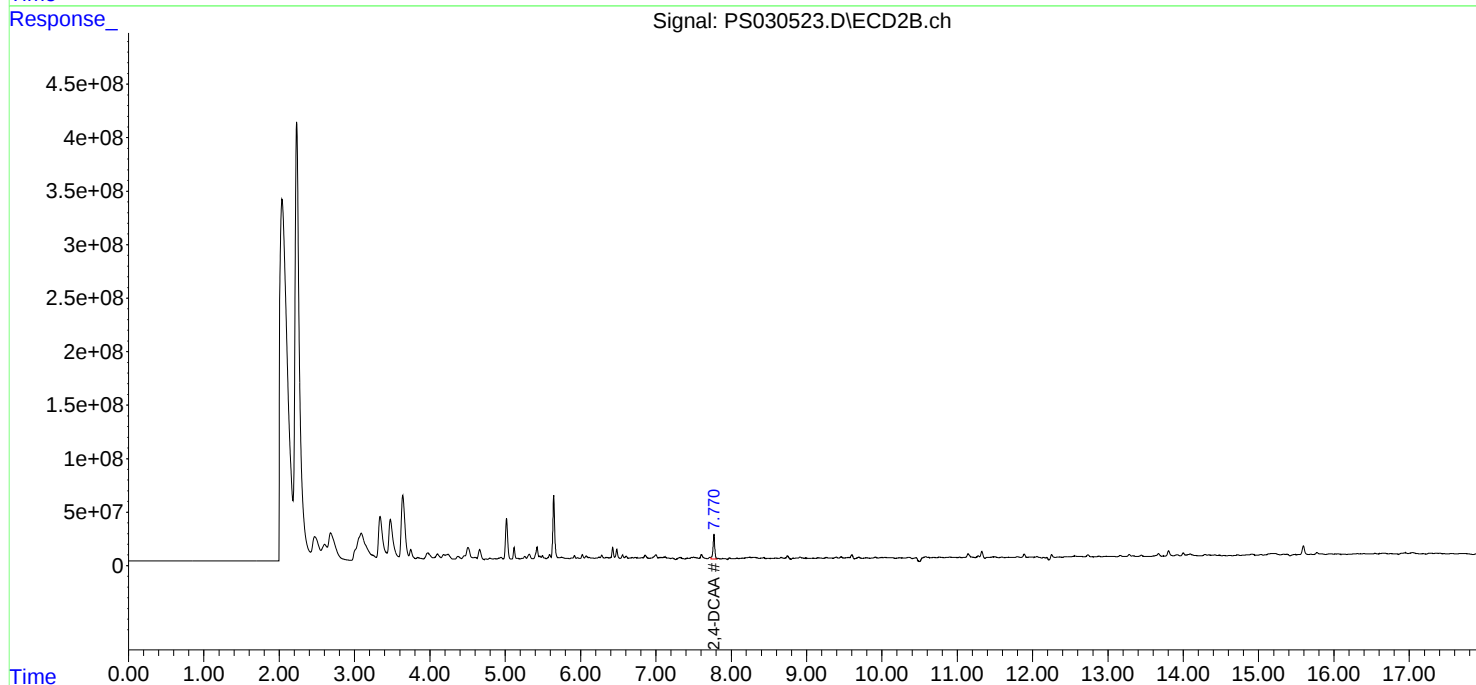
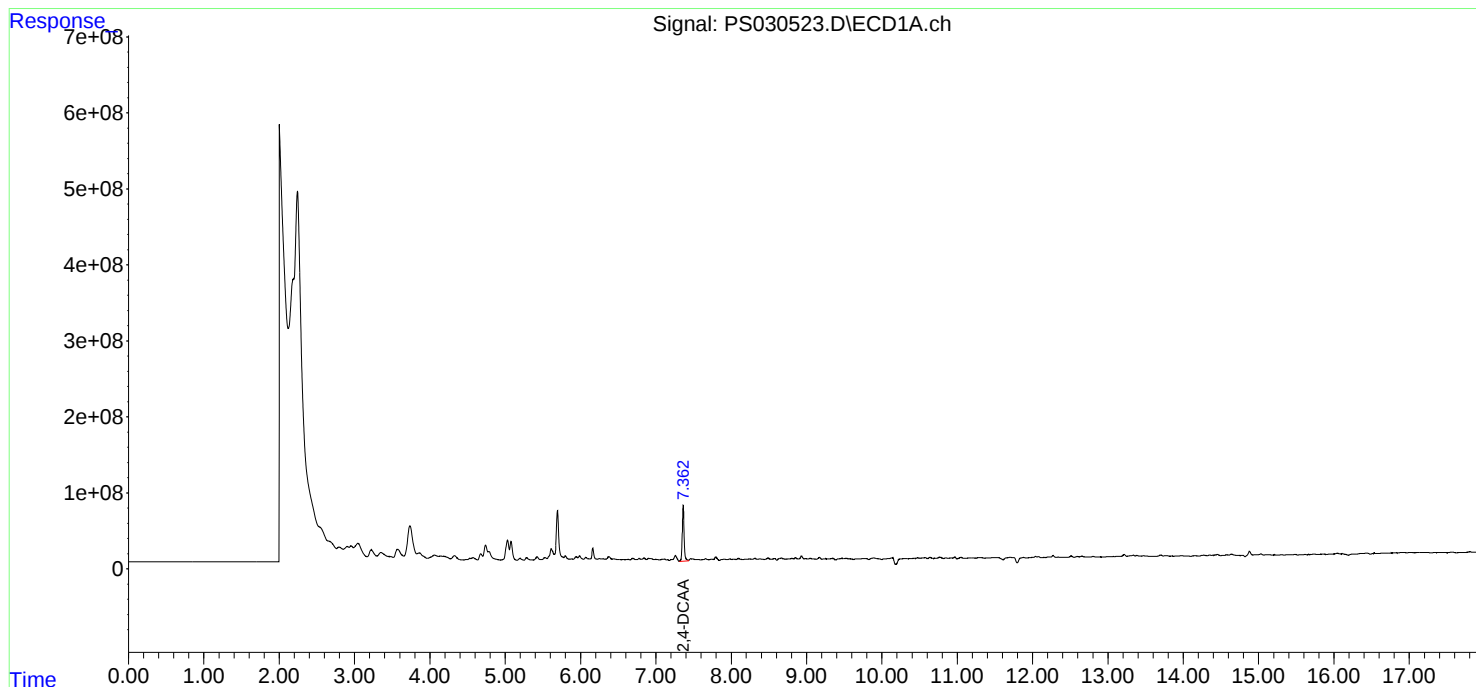
Instrument :
ECD_S
ClientSampleId :
TP-31

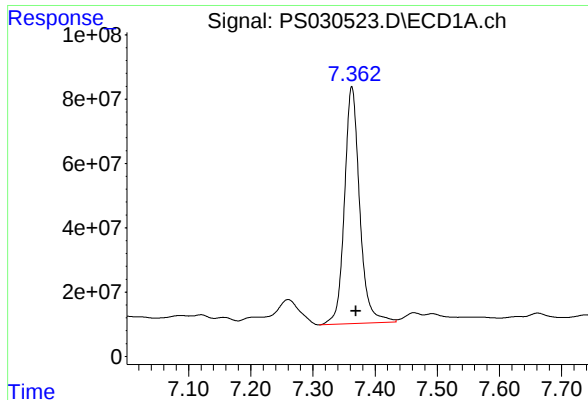
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 08:34:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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.: 7.363 min
Delta R.T.: -0.006 min
Response: 1258394171
Conc: 333.34 ng/ml

Instrument :

ECD_S

ClientSampleId :

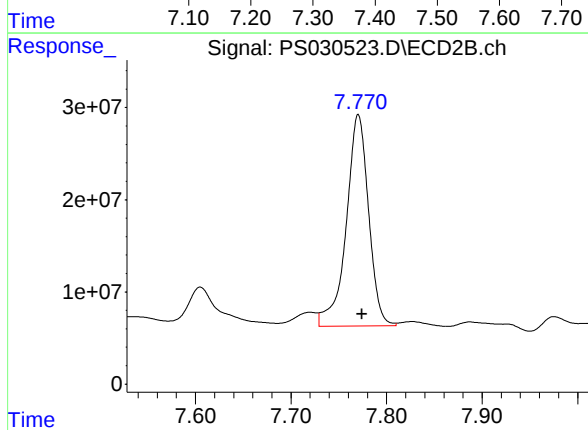
TP-31

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 371715481
Conc: 345.59 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 08:05
 Operator : AR\AJ
 Sample : Q2176-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-65

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 09:00:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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
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System Monitoring Compounds

4) S	2,4-DCAA	7.363	7.770	1193.2E6	387.0E6	316.069	359.840
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Target Compounds

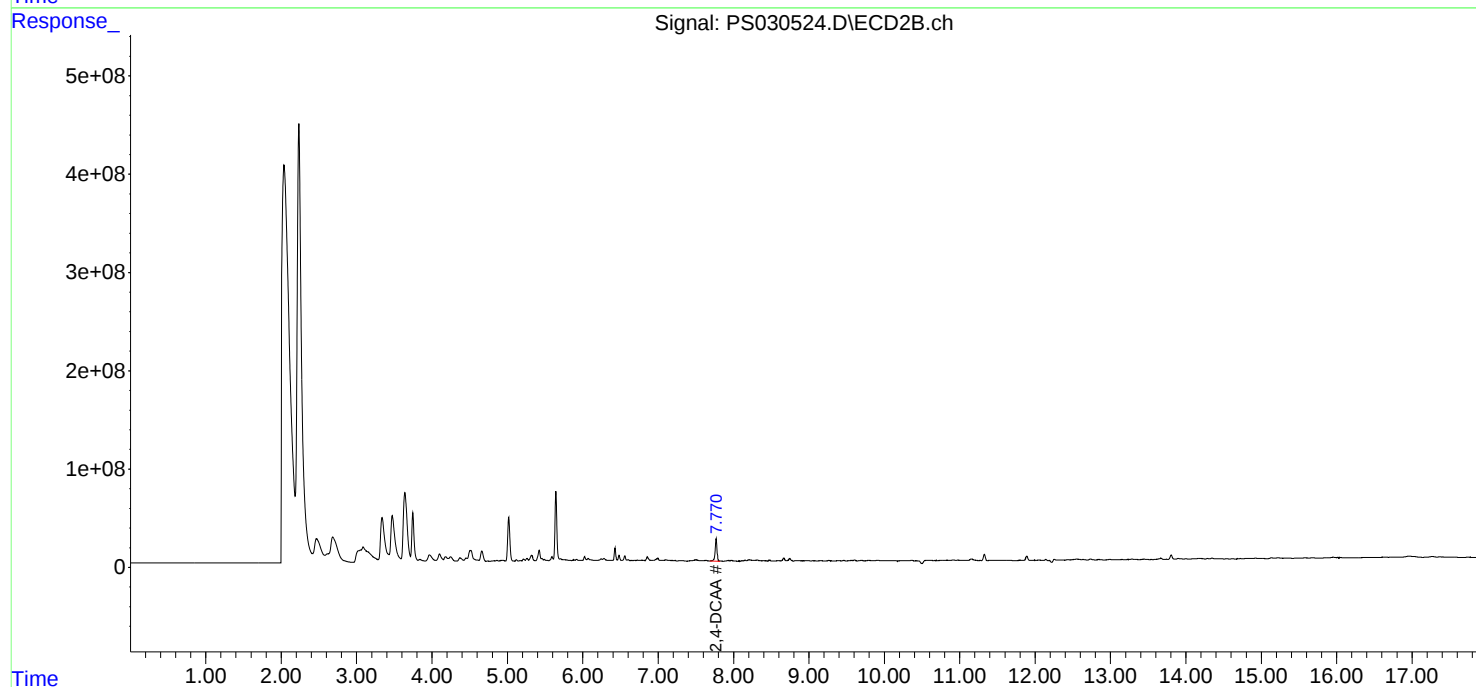
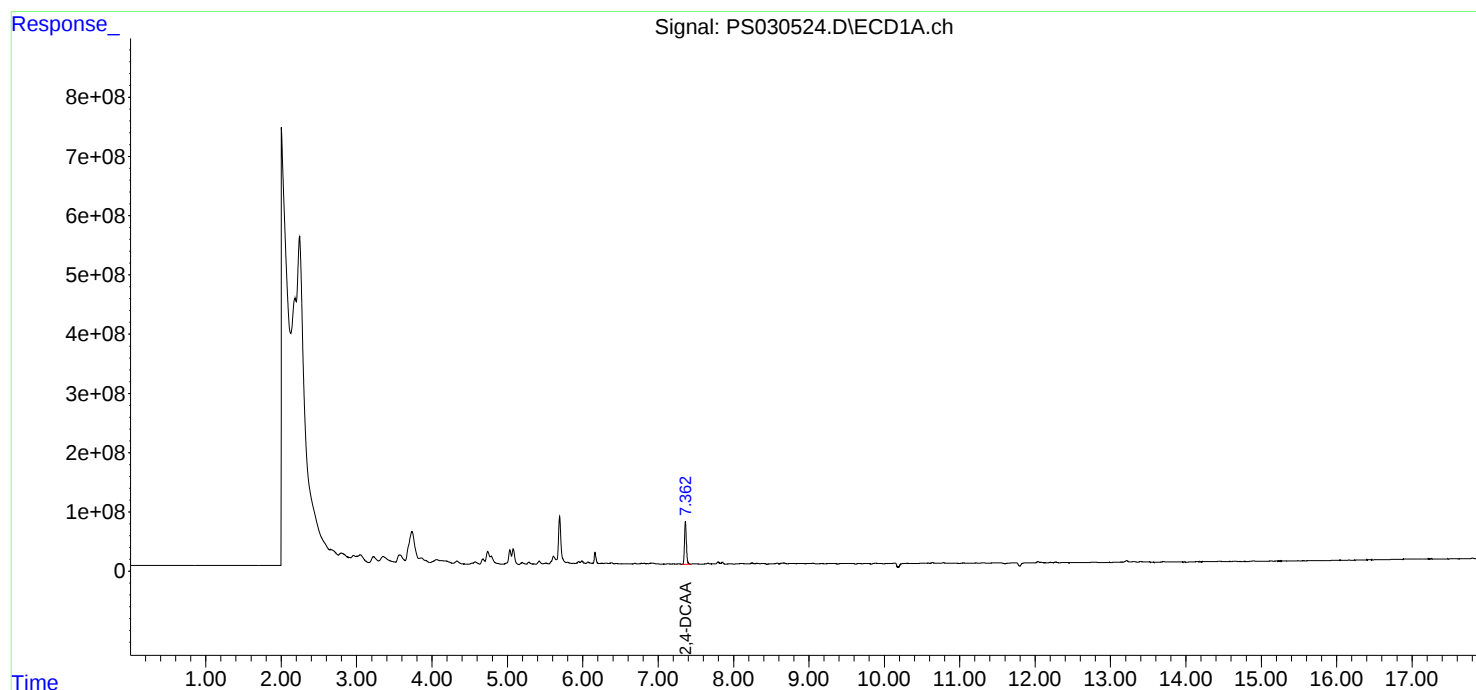
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

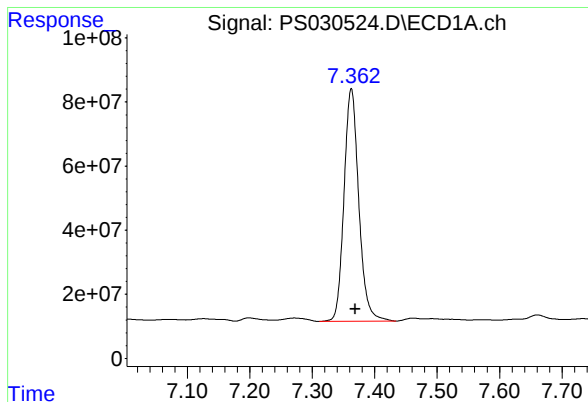
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 08:05
Operator : AR\AJ
Sample : Q2176-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-65

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 09:00:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

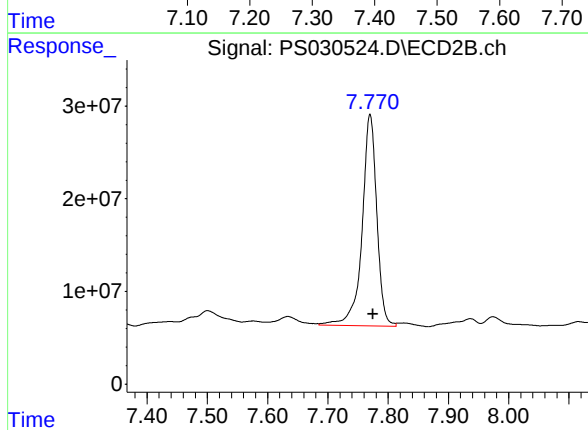




#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 1193205474
Conc: 316.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-65



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 387047476
Conc: 359.84 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 03:17
 Operator : AR\AJ
 Sample : PB168254BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168254BL

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 05:33:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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	7.364	7.772	1641.8E6	507.3E6	434.897	471.631

Target Compounds

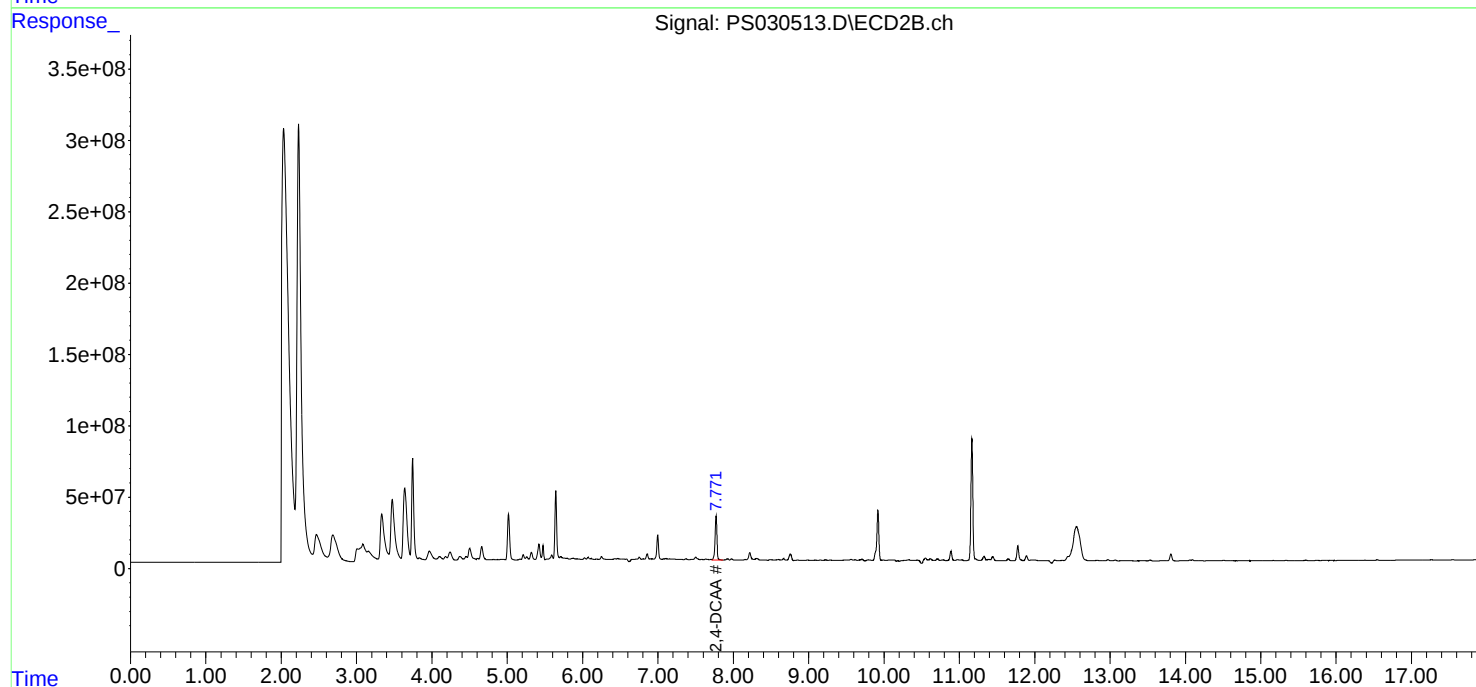
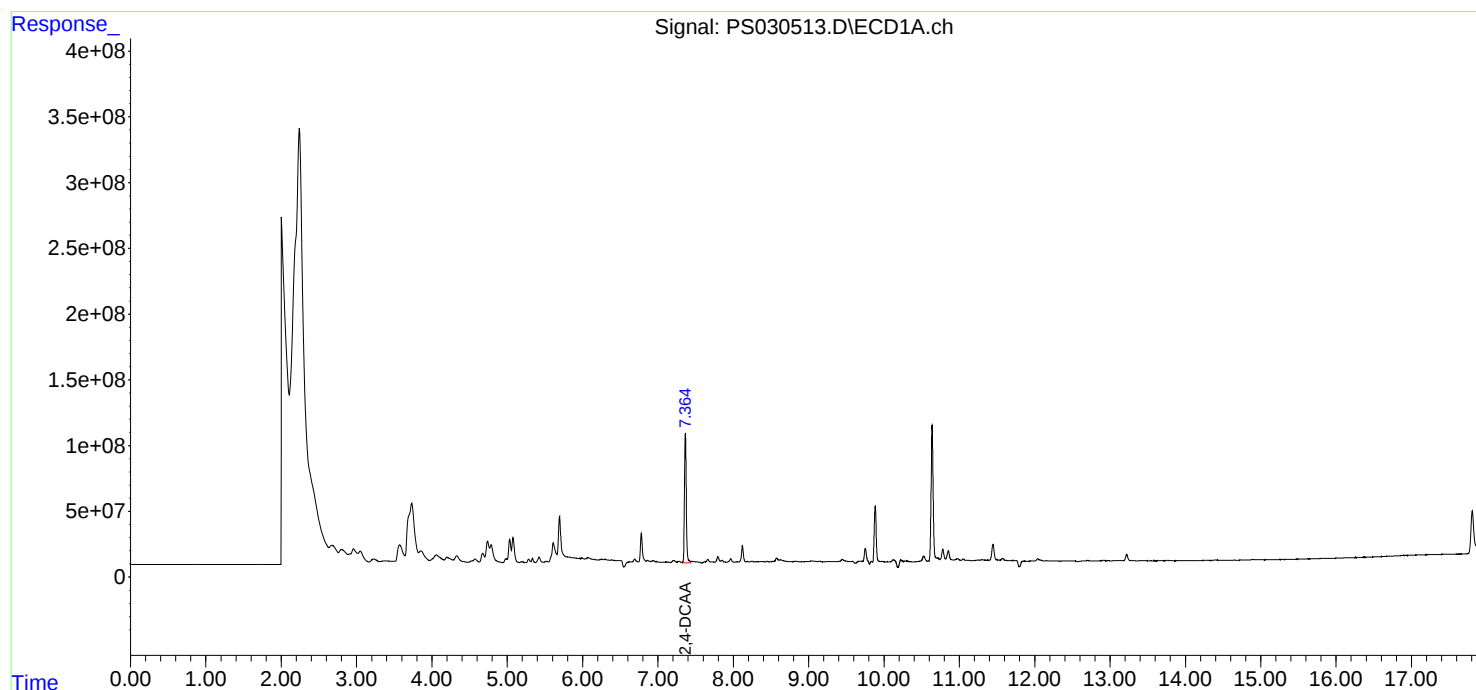
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

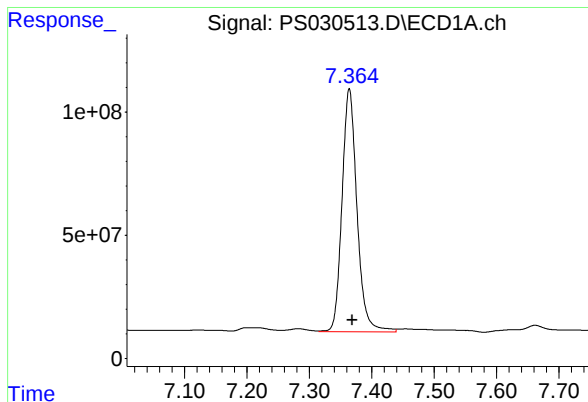
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 03:17
Operator : AR\AJ
Sample : PB168254BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168254BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 05:33:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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

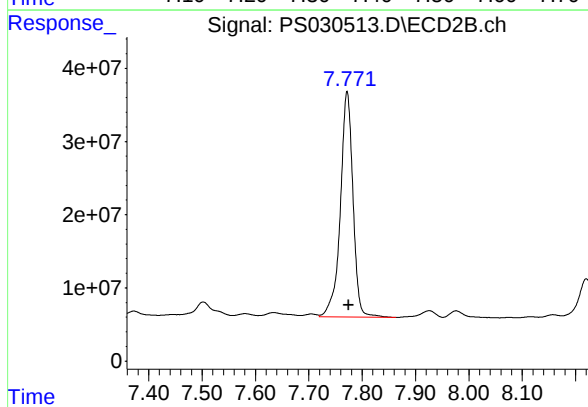




#4 2,4-DCAA

R.T.: 7.364 min
Delta R.T.: -0.005 min
Response: 1641800455
Conc: 434.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168254BL



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 507291165
Conc: 471.63 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 03:41
 Operator : AR\AJ
 Sample : PB168254BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168254BS

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 05:33:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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	7.363	7.771	1917.1E6	539.6E6	507.825m	501.682
Target Compounds							
1) T	Dalapon	2.713	2.712	2575.5E6	1215.8E6	456.093	443.712
2) T	3,5-DICHL...	6.520	6.715	2633.6E6	737.5E6	485.335	471.471
3) T	4-Nitroph...	7.162	7.301	854.7E6	716.5E6	466.096	457.163
5) T	DICAMBA	7.555	7.975	7510.3E6	3048.2E6	486.971	473.206
6) T	MCP	7.736	8.073	417.0E6	107.5E6	42.101	46.495
7) T	MCPA	7.887	8.322	570.6E6	148.0E6	44.968	47.971m
8) T	DICHLORPROP	8.272	8.695	1751.3E6	704.8E6	481.374	474.893
9) T	2,4-D	8.504	9.031	1746.2E6	770.9E6	479.248	490.288
10) T	Pentachlo...	8.813	9.558	27296.4E6	17991.6E6	537.476	497.857
11) T	2,4,5-TP ...	9.396	9.938	10291.7E6	6657.5E6	498.023	485.356
12) T	2,4,5-T	9.689	10.364	8859.1E6	6307.7E6	480.663	483.082
13) T	2,4-DB	10.269	10.932	1399.8E6	545.0E6	461.005	474.085
14) T	DINOSEB	11.492	11.317	7035.5E6	4758.3E6	489.428	473.460
15) T	Picloram	11.298	12.424	8717.7E6	10022.9E6	435.781m	453.858m
16) T	DCPA	11.787	12.362	13539.5E6	10004.0E6	512.084	488.882

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 03:41
Operator : AR\AJ
Sample : PB168254BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168254BS

Manual Integrations

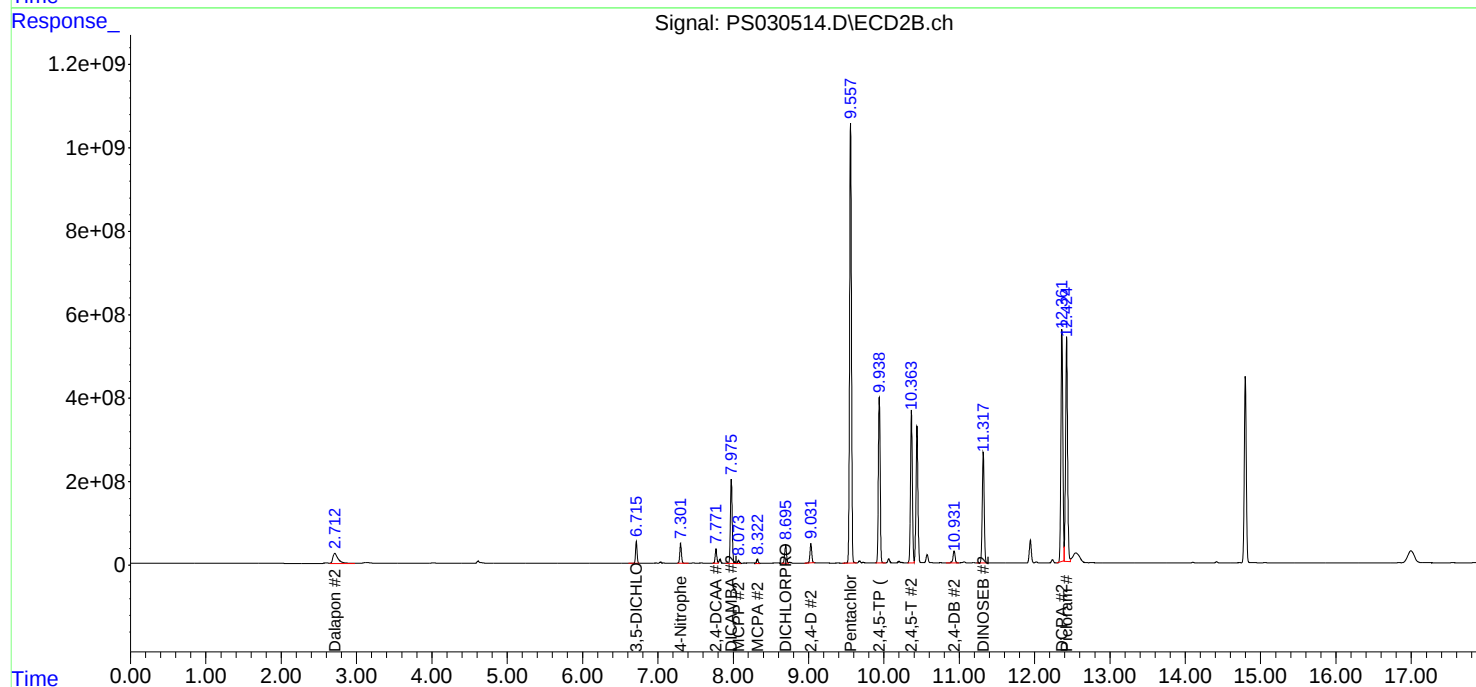
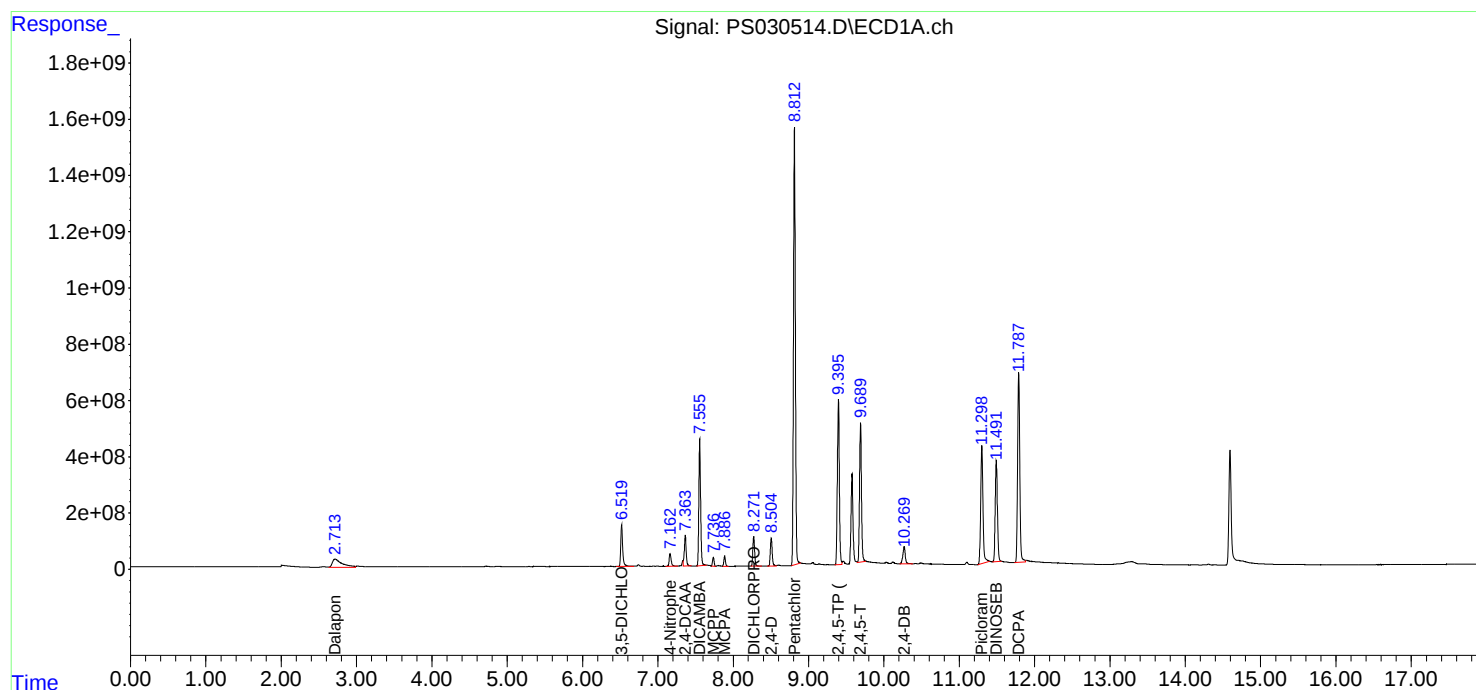
APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 05:33:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 21:40
 Operator : AR\AJ
 Sample : Q2160-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP05-MHH-WCMS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:40:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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	7.364	7.772	1865.9E6	515.9E6	494.252	479.671
Target Compounds							
1) T	Dalapon	2.713	2.708	849.6E6	2205.7E6	150.445m	805.005 #
2) T	3,5-DICHL...	6.520	6.715	2594.1E6	750.4E6	478.053m	479.713
5) T	DICAMBA	7.556	7.975	6739.4E6	2864.7E6	436.984	444.720
6) T	MCP	7.737	8.074	363.5E6	84868532	36.703	36.714
7) T	MCPA	7.888	8.321	538.3E6	107.5E6	42.423	34.846
8) T	DICHLORPROP	8.272	8.695	1704.7E6	703.9E6	468.565	474.269
9) T	2,4-D	8.504	9.031	2112.1E6	732.5E6	579.665	465.892
10) T	Pentachlo...	8.814	9.558	16591.6E6	10957.8E6	326.695	303.221
11) T	2,4,5-TP ...	9.397	9.938	9843.9E6	6686.3E6	476.353	487.459
12) T	2,4,5-T	9.691	10.364	8745.3E6	6050.9E6	474.486	463.417
13) T	2,4-DB	10.271	10.932	998.1E6	485.8E6	328.728m	422.643 #
15) T	Picloram	11.300	12.426	7291.4E6	7978.3E6	364.482	361.274
16) T	DCPA	11.788	12.362	10100.5E6	9418.0E6	382.015	460.245

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 21:40
Operator : AR\AJ
Sample : Q2160-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

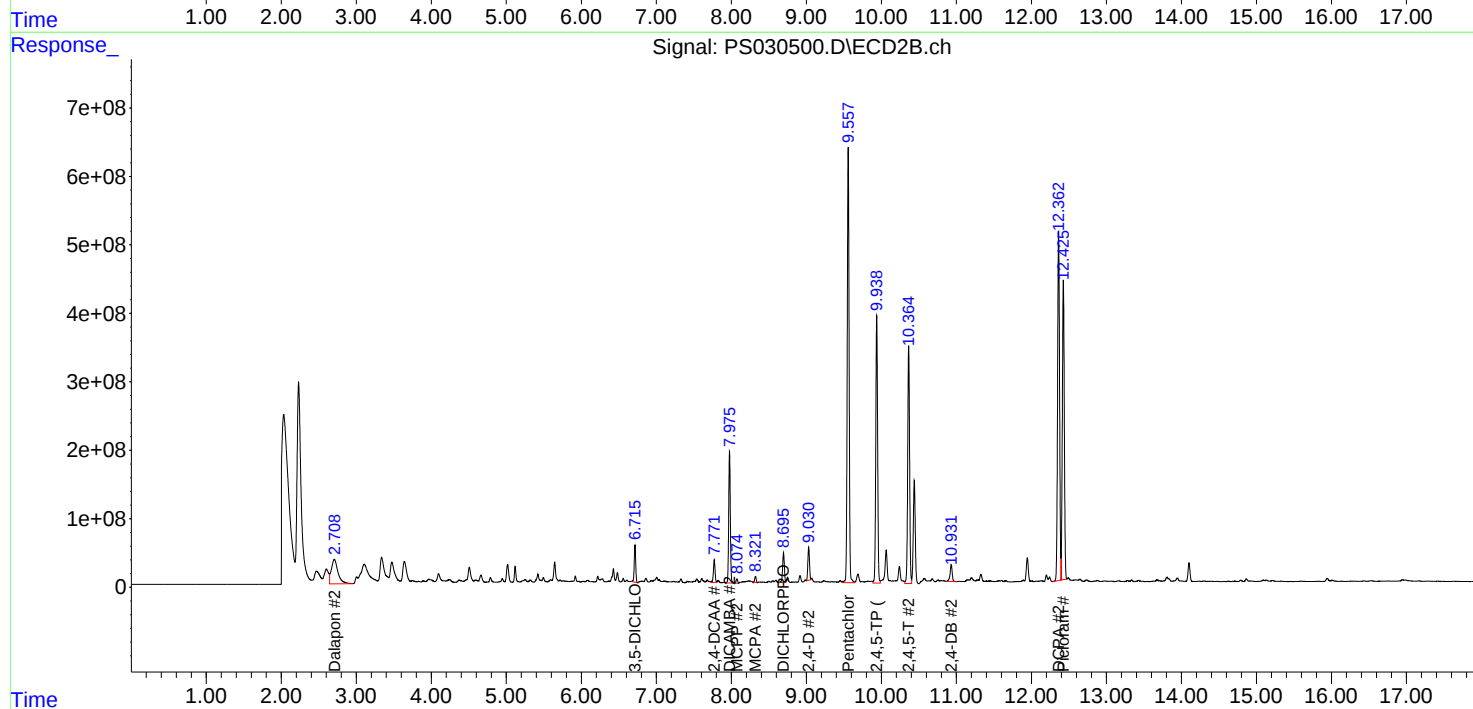
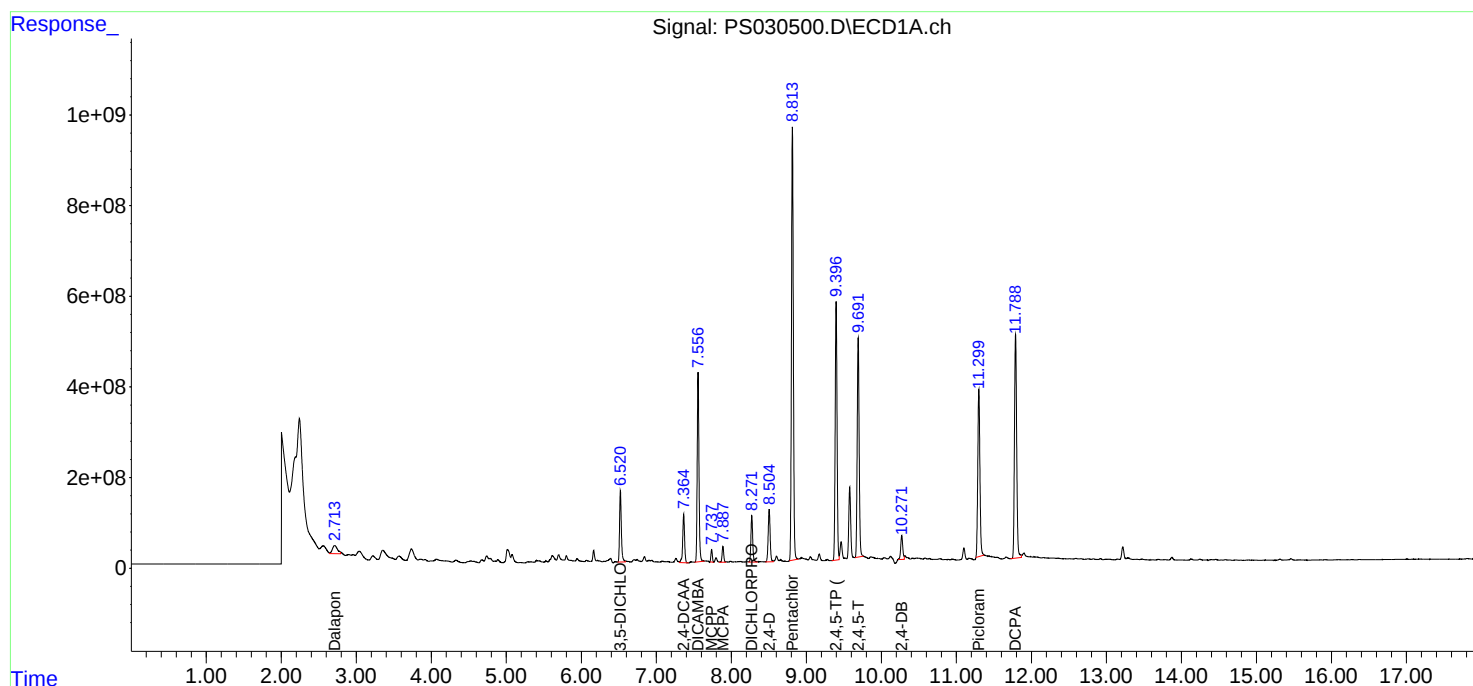
Instrument :
ECD_S
ClientSampleId :
TP05-MHH-WCMS

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/05/2025
Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 01:40:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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\PS060425\
 Data File : PS030501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 22:04
 Operator : AR\AJ
 Sample : Q2160-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP05-MHH-WCMSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:40:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 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	7.364	7.772	1870.9E6	537.0E6	495.570	499.206
Target Compounds							
1) T	Dalapon	2.714	2.708	789.7E6	2181.2E6	139.850m	796.048 #
2) T	3,5-DICHL...	6.521	6.715	2592.3E6	750.7E6	477.727	479.937m
5) T	DICAMBA	7.556	7.976	6785.5E6	2887.1E6	439.974	448.192
6) T	MCPD	7.737	8.074	366.7E6	84188413	37.019	36.420
7) T	MCPA	7.888	8.322	522.2E6	133.8E6	41.152	43.367m
8) T	DICHLORPROP	8.272	8.696	1709.9E6	703.0E6	470.005	473.627
9) T	2,4-D	8.504	9.032	2109.0E6	723.8E6	578.809	460.361
10) T	Pentachlo...	8.814	9.558	15725.0E6	10388.5E6	309.631	287.468
11) T	2,4,5-TP ...	9.397	9.939	9824.0E6	6716.2E6	475.390	489.635
12) T	2,4,5-T	9.692	10.364	8767.2E6	6068.0E6	475.673	464.725
13) T	2,4-DB	10.272	10.932	989.4E6	476.8E6	325.862m	414.755 #
15) T	Picloram	11.299	12.426	7289.1E6	7986.4E6	364.368	361.638
16) T	DCPA	11.787	12.363	10185.4E6	9458.4E6	385.226	462.220

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 22:04
Operator : AR\AJ
Sample : Q2160-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP05-MHH-WCMSD

Manual Integrations

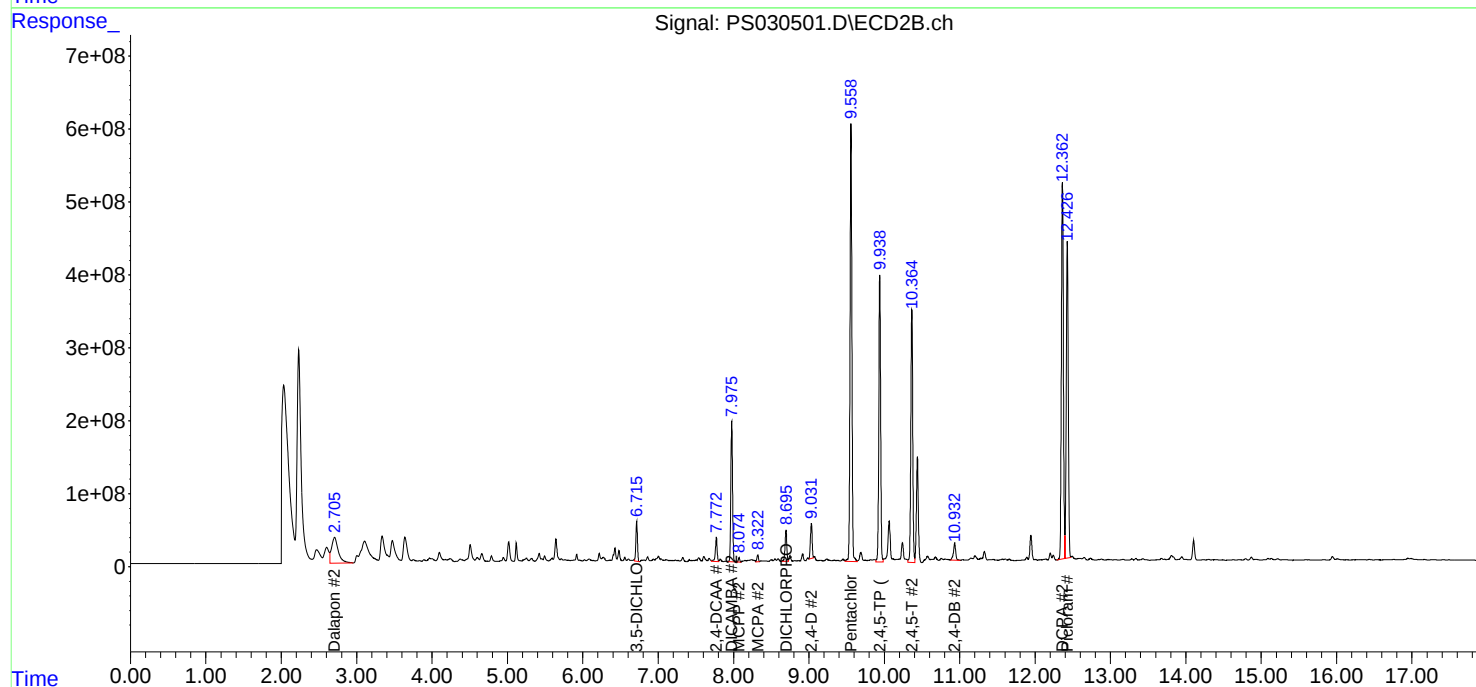
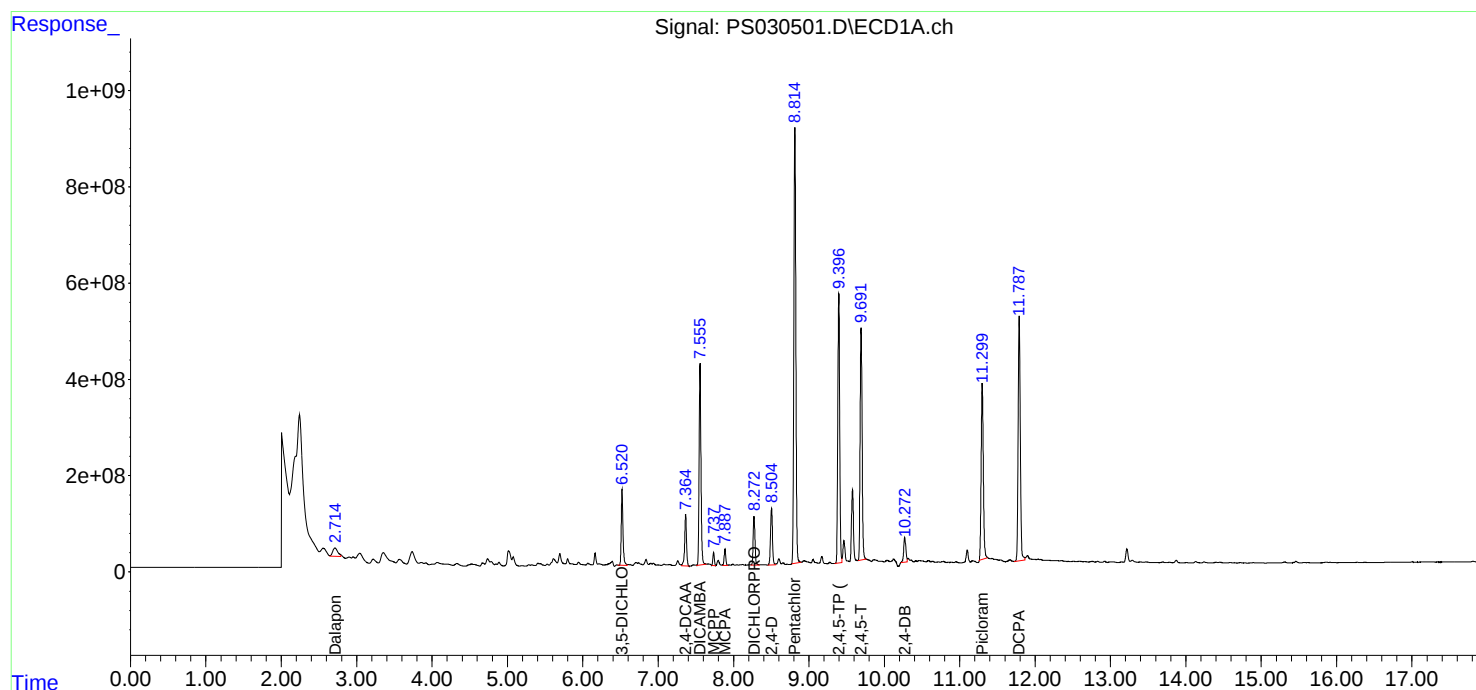
APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 01:40:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	PS060425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS030476.D	2,4-DCAA	Abdul	6/5/2025 8:32:30 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC200	PS030476.D	MCPA #2	Abdul	6/5/2025 8:32:30 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC500	PS030477.D	2,4-DCAA	Abdul	6/5/2025 8:32:34 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC750	PS030478.D	2,4-DCAA	Abdul	6/5/2025 8:32:37 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC1000	PS030479.D	2,4-DCAA	Abdul	6/5/2025 8:32:40 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC1500	PS030480.D	2,4-DCAA	Abdul	6/5/2025 8:32:44 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC1500	PS030480.D	MCPA #2	Abdul	6/5/2025 8:32:44 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICV750	PS030481.D	2,4-DCAA	Abdul	6/5/2025 8:32:48 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030483.D	2,4-DCAA	Abdul	6/5/2025 8:32:51 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030483.D	MCPA #2	Abdul	6/5/2025 8:32:51 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030489.D	2,4-DB #2	Abdul	6/5/2025 8:33:07 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030489.D	2,4-DCAA	Abdul	6/5/2025 8:33:07 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030489.D	MCPA #2	Abdul	6/5/2025 8:33:07 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software

Manual Integration Report

Sequence:	PS060425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030497.D	2,4-DCAA	Abdul	6/5/2025 3:53:26 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2160-05MS	PS030500.D	2,4-DB	Abdul	6/5/2025 11:55:29 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2160-05MS	PS030500.D	3,5-DICHLOROBENZOI C ACID	Abdul	6/5/2025 11:55:29 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2160-05MS	PS030500.D	Dalapon	Abdul	6/5/2025 11:55:29 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2160-05MSD	PS030501.D	2,4-DB	Abdul	6/5/2025 11:55:33 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2160-05MSD	PS030501.D	3,5-DICHLOROBENZOI C ACID #2	Abdul	6/5/2025 11:55:33 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2160-05MSD	PS030501.D	Dalapon	Abdul	6/5/2025 11:55:33 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2160-05MSD	PS030501.D	MCPA #2	Abdul	6/5/2025 11:55:33 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030506.D	2,4-DCAA	Abdul	6/5/2025 11:55:40 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
PB168254BS	PS030514.D	2,4-DCAA	Abdul	6/5/2025 3:54:09 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
PB168254BS	PS030514.D	MCPA #2	Abdul	6/5/2025 3:54:09 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
PB168254BS	PS030514.D	Picloram	Abdul	6/5/2025 3:54:09 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
PB168254BS	PS030514.D	Picloram #2	Abdul	6/5/2025 3:54:09 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software

Manual Integration Report

Sequence:	PS060425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030516.D	2,4-D #2	Abdul	6/5/2025 3:54:14 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030516.D	2,4-DCAA	Abdul	6/5/2025 3:54:14 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030516.D	MCPA #2	Abdul	6/5/2025 3:54:14 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030516.D	Picloram	Abdul	6/5/2025 3:54:14 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2176-02	PS030518.D	2,4-DCAA #2	Abdul	6/5/2025 11:56:00 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2176-06	PS030522.D	2,4-DCAA #2	Abdul	6/5/2025 11:56:05 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
Q2176-07	PS030523.D	2,4-DCAA #2	Abdul	6/5/2025 11:56:09 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	2,4-D #2	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	2,4-DCAA	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	D CPA #2	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	MCPA #2	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	Picloram	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software



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

Manual Integration Report

Sequence:	PS060425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	ps060525	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030529.D	2,4-DCAA	Abdul	6/6/2025 10:20:44 AM	mohammad	6/9/2025 6:08:42	Peak Integrated by Software
HSTDCCC750	PS030529.D	DCPA #2	Abdul	6/6/2025 10:20:44 AM	mohammad	6/9/2025 6:08:42	Peak Integrated by Software
HSTDCCC750	PS030529.D	MCPP	Abdul	6/6/2025 10:20:44 AM	mohammad	6/9/2025 6:08:42	Peak Integrated by Software
HSTDCCC750	PS030529.D	Picloram	Abdul	6/6/2025 10:20:44 AM	mohammad	6/9/2025 6:08:42	Peak Integrated by Software
HSTDCCC750	PS030532.D	2,4-DCAA	Abdul	6/6/2025 10:20:51 AM	mohammad	6/9/2025 6:08:42	Peak Integrated by Software
HSTDCCC750	PS030532.D	DCPA #2	Abdul	6/6/2025 10:20:51 AM	mohammad	6/9/2025 6:08:42	Peak Integrated by Software
HSTDCCC750	PS030532.D	Picloram	Abdul	6/6/2025 10:20:51 AM	mohammad	6/9/2025 6:08:42	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030474.D	04 Jun 2025 10:31	AR\AJ	Ok
2	I.BLK	PS030475.D	04 Jun 2025 10:55	AR\AJ	Ok
3	HSTDICC200	PS030476.D	04 Jun 2025 11:19	AR\AJ	Ok,M
4	HSTDICC500	PS030477.D	04 Jun 2025 11:43	AR\AJ	Ok,M
5	HSTDICC750	PS030478.D	04 Jun 2025 12:07	AR\AJ	Ok,M
6	HSTDICC1000	PS030479.D	04 Jun 2025 12:31	AR\AJ	Ok,M
7	HSTDICC1500	PS030480.D	04 Jun 2025 12:55	AR\AJ	Ok,M
8	HSTDICV750	PS030481.D	04 Jun 2025 13:35	AR\AJ	Ok,M
9	I.BLK	PS030482.D	04 Jun 2025 13:59	AR\AJ	Ok
10	HSTDCCC750	PS030483.D	04 Jun 2025 14:23	AR\AJ	Ok,M
11	PB168207BL	PS030484.D	04 Jun 2025 14:47	AR\AJ	Ok
12	PB168207BS	PS030485.D	04 Jun 2025 15:12	AR\AJ	Ok,M
13	Q1872-17	PS030486.D	04 Jun 2025 15:36	AR\AJ	Dilution
14	Q1872-17DL	PS030487.D	04 Jun 2025 16:00	AR\AJ	Ok,M
15	I.BLK	PS030488.D	04 Jun 2025 16:26	AR\AJ	Ok
16	HSTDCCC750	PS030489.D	04 Jun 2025 16:50	AR\AJ	Ok,M
17	Q2159-01	PS030490.D	04 Jun 2025 17:14	AR\AJ	Ok
18	Q2160-01	PS030491.D	04 Jun 2025 17:38	AR\AJ	Ok
19	Q2160-05	PS030492.D	04 Jun 2025 18:02	AR\AJ	Ok
20	Q2173-06	PS030493.D	04 Jun 2025 18:26	AR\AJ	Ok,M
21	Q2173-12	PS030494.D	04 Jun 2025 18:51	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2173-18	PS030495.D	04 Jun 2025 19:15	AR\AJ	Ok,M
23	I.BLK	PS030496.D	04 Jun 2025 19:39	AR\AJ	Ok
24	HSTDCCC750	PS030497.D	04 Jun 2025 20:03	AR\AJ	Ok,M
25	Q2173-06MS	PS030498.D	04 Jun 2025 20:51	AR\AJ	Ok,M
26	Q2173-06MSD	PS030499.D	04 Jun 2025 21:15	AR\AJ	Ok,M
27	Q2160-05MS	PS030500.D	04 Jun 2025 21:40	AR\AJ	Ok,M
28	Q2160-05MSD	PS030501.D	04 Jun 2025 22:04	AR\AJ	Ok,M
29	Q2172-01	PS030502.D	04 Jun 2025 22:28	AR\AJ	Ok
30	Q2185-01	PS030503.D	04 Jun 2025 22:52	AR\AJ	Ok,M
31	Q2185-05	PS030504.D	04 Jun 2025 23:16	AR\AJ	Ok
32	I.BLK	PS030505.D	04 Jun 2025 23:40	AR\AJ	Ok
33	HSTDCCC750	PS030506.D	05 Jun 2025 00:04	AR\AJ	Ok,M
34	Q2177-03	PS030507.D	05 Jun 2025 00:52	AR\AJ	Ok,M
35	Q2177-05	PS030508.D	05 Jun 2025 01:16	AR\AJ	Ok
36	Q2177-07	PS030509.D	05 Jun 2025 01:40	AR\AJ	Ok,M
37	PB168263BL	PS030510.D	05 Jun 2025 02:04	AR\AJ	Ok
38	PB168263BS	PS030511.D	05 Jun 2025 02:28	AR\AJ	Ok,M
39	PB168224TB	PS030512.D	05 Jun 2025 02:53	AR\AJ	Ok
40	PB168254BL	PS030513.D	05 Jun 2025 03:17	AR\AJ	Ok
41	PB168254BS	PS030514.D	05 Jun 2025 03:41	AR\AJ	Ok,M
42	I.BLK	PS030515.D	05 Jun 2025 04:05	AR\AJ	Ok
43	HSTDCCC750	PS030516.D	05 Jun 2025 04:29	AR\AJ	Ok,M
44	Q2176-01	PS030517.D	05 Jun 2025 05:17	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

45	Q2176-02	PS030518.D	05 Jun 2025 05:41	AR\AJ	Ok,M
46	Q2176-03	PS030519.D	05 Jun 2025 06:05	AR\AJ	Ok
47	Q2176-04	PS030520.D	05 Jun 2025 06:29	AR\AJ	Not Ok
48	Q2176-05	PS030521.D	05 Jun 2025 06:53	AR\AJ	Ok
49	Q2176-06	PS030522.D	05 Jun 2025 07:17	AR\AJ	Ok,M
50	Q2176-07	PS030523.D	05 Jun 2025 07:41	AR\AJ	Ok,M
51	Q2176-08	PS030524.D	05 Jun 2025 08:05	AR\AJ	Ok
52	I.BLK	PS030525.D	05 Jun 2025 08:29	AR\AJ	Ok
53	HSTDCCC750	PS030526.D	05 Jun 2025 08:53	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060525

Review By	Abdul	Review On	6/6/2025 10:21:03 AM
Supervise By	mohammad	Supervise On	6/9/2025 6:08:42 AM
SubDirectory	PS060525	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030527.D	05 Jun 2025 09:58	AR\AJ	Ok
2	I.BLK	PS030528.D	05 Jun 2025 10:22	AR\AJ	Ok
3	HSTDCCC750	PS030529.D	05 Jun 2025 10:46	AR\AJ	Ok,M
4	Q2176-04	PS030530.D	05 Jun 2025 13:03	AR\AJ	Ok
5	I.BLK	PS030531.D	05 Jun 2025 14:54	AR\AJ	Ok
6	HSTDCCC750	PS030532.D	05 Jun 2025 15:18	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030474.D	04 Jun 2025 10:31		AR\AJ	Ok
2	I.BLK	I.BLK	PS030475.D	04 Jun 2025 10:55		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS030476.D	04 Jun 2025 11:19		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS030477.D	04 Jun 2025 11:43		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS030478.D	04 Jun 2025 12:07		AR\AJ	Ok,M
6	HSTDICC1000	HSTDICC1000	PS030479.D	04 Jun 2025 12:31		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS030480.D	04 Jun 2025 12:55		AR\AJ	Ok,M
8	HSTDICV750	ICVPS060425	PS030481.D	04 Jun 2025 13:35		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS030482.D	04 Jun 2025 13:59		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS030483.D	04 Jun 2025 14:23		AR\AJ	Ok,M
11	PB168207BL	PB168207BL	PS030484.D	04 Jun 2025 14:47		AR\AJ	Ok
12	PB168207BS	PB168207BS	PS030485.D	04 Jun 2025 15:12		AR\AJ	Ok,M
13	Q1872-17	HW0425-PT-HERB-SO	PS030486.D	04 Jun 2025 15:36	Need dilution	AR\AJ	Dilution
14	Q1872-17DL	HW0425-PT-HERB-SO	PS030487.D	04 Jun 2025 16:00		AR\AJ	Ok,M
15	I.BLK	I.BLK	PS030488.D	04 Jun 2025 16:26		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS030489.D	04 Jun 2025 16:50		AR\AJ	Ok,M
17	Q2159-01	TP05-MHO-WC	PS030490.D	04 Jun 2025 17:14		AR\AJ	Ok
18	Q2160-01	TP04-MHG-WC	PS030491.D	04 Jun 2025 17:38		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM	PP24562		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2160-05	TP05-MHH-WC	PS030492.D	04 Jun 2025 18:02		AR\AJ	Ok
20	Q2173-06	OR-400-CF-402B-COM	PS030493.D	04 Jun 2025 18:26		AR\AJ	Ok,M
21	Q2173-12	OR-400-CF-402B-COM	PS030494.D	04 Jun 2025 18:51		AR\AJ	Ok,M
22	Q2173-18	OR-400-CF-402B-COM	PS030495.D	04 Jun 2025 19:15		AR\AJ	Ok,M
23	I.BLK	I.BLK	PS030496.D	04 Jun 2025 19:39		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS030497.D	04 Jun 2025 20:03		AR\AJ	Ok,M
25	Q2173-06MS	OR-400-CF-402B-COM	PS030498.D	04 Jun 2025 20:51	Comp#1,3 recovery fail	AR\AJ	Ok,M
26	Q2173-06MSD	OR-400-CF-402B-COM	PS030499.D	04 Jun 2025 21:15	Comp#1,3,14 recovery fail ,RPD Fail	AR\AJ	Ok,M
27	Q2160-05MS	TP05-MHH-WCMS	PS030500.D	04 Jun 2025 21:40	Comp#1,10 recovery fail	AR\AJ	Ok,M
28	Q2160-05MSD	TP05-MHH-WCMSD	PS030501.D	04 Jun 2025 22:04	Comp#1,10 recovery fail	AR\AJ	Ok,M
29	Q2172-01	TP06-MHQ	PS030502.D	04 Jun 2025 22:28		AR\AJ	Ok
30	Q2185-01	TP02-MHB-WC	PS030503.D	04 Jun 2025 22:52		AR\AJ	Ok,M
31	Q2185-05	TP01-MHA-WC	PS030504.D	04 Jun 2025 23:16		AR\AJ	Ok
32	I.BLK	I.BLK	PS030505.D	04 Jun 2025 23:40		AR\AJ	Ok
33	HSTDCCC750	HSTDCCC750	PS030506.D	05 Jun 2025 00:04		AR\AJ	Ok,M
34	Q2177-03	B-187-SB01	PS030507.D	05 Jun 2025 00:52		AR\AJ	Ok,M
35	Q2177-05	B-187-SB02	PS030508.D	05 Jun 2025 01:16		AR\AJ	Ok
36	Q2177-07	B-202-SB01	PS030509.D	05 Jun 2025 01:40		AR\AJ	Ok,M
37	PB168263BL	PB168263BL	PS030510.D	05 Jun 2025 02:04		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	PB168263BS	PB168263BS	PS030511.D	05 Jun 2025 02:28		AR\AJ	Ok,M
39	PB168224TB	PB168224TB	PS030512.D	05 Jun 2025 02:53		AR\AJ	Ok
40	PB168254BL	PB168254BL	PS030513.D	05 Jun 2025 03:17		AR\AJ	Ok
41	PB168254BS	PB168254BS	PS030514.D	05 Jun 2025 03:41		AR\AJ	Ok,M
42	I.BLK	I.BLK	PS030515.D	05 Jun 2025 04:05		AR\AJ	Ok
43	HSTDCCC750	HSTDCCC750	PS030516.D	05 Jun 2025 04:29		AR\AJ	Ok,M
44	Q2176-01	TP-46	PS030517.D	05 Jun 2025 05:17		AR\AJ	Ok
45	Q2176-02	TP-56	PS030518.D	05 Jun 2025 05:41		AR\AJ	Ok,M
46	Q2176-03	TP-25	PS030519.D	05 Jun 2025 06:05		AR\AJ	Ok
47	Q2176-04	TP-26	PS030520.D	05 Jun 2025 06:29	Surrogate low in both column	AR\AJ	Not Ok
48	Q2176-05	TP-28	PS030521.D	05 Jun 2025 06:53		AR\AJ	Ok
49	Q2176-06	TP-27	PS030522.D	05 Jun 2025 07:17		AR\AJ	Ok,M
50	Q2176-07	TP-31	PS030523.D	05 Jun 2025 07:41		AR\AJ	Ok,M
51	Q2176-08	TP-65	PS030524.D	05 Jun 2025 08:05		AR\AJ	Ok
52	I.BLK	I.BLK	PS030525.D	05 Jun 2025 08:29		AR\AJ	Ok
53	HSTDCCC750	HSTDCCC750	PS030526.D	05 Jun 2025 08:53		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060525

Review By	Abdul	Review On	6/6/2025 10:21:03 AM
Supervise By	mohammad	Supervise On	6/9/2025 6:08:42 AM
SubDirectory	PS060525	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030527.D	05 Jun 2025 09:58		AR\AJ	Ok
2	I.BLK	I.BLK	PS030528.D	05 Jun 2025 10:22		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030529.D	05 Jun 2025 10:46		AR\AJ	Ok,M
4	Q2176-04	TP-26	PS030530.D	05 Jun 2025 13:03		AR\AJ	Ok
5	I.BLK	I.BLK	PS030531.D	05 Jun 2025 14:54		AR\AJ	Ok
6	HSTDCCC750	HSTDCCC750	PS030532.D	05 Jun 2025 15:18		AR\AJ	Ok,M

M : Manual Integration

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: E3880

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,4,5,7

Extraction Start Date : 06/03/2025

Extraction Start Time : 09:00

Extraction End Date : 06/03/2025

Extraction End Time : 16:30

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24595
Surrogate	1.0ML	5000 PPB	PP24601
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
MeCl2/Acetone/1:1	N/A	EP2612
Acidified Na2SO4	N/A	EP2621
Sand	N/A	E2865
HCL	N/A	M6151
DI WATER	N/A	N/A
37% KOH	N/A	EP2616
Methylene Chloride	N/A	E3939
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2618
Hexane	N/A	E3938
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 BTS723.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

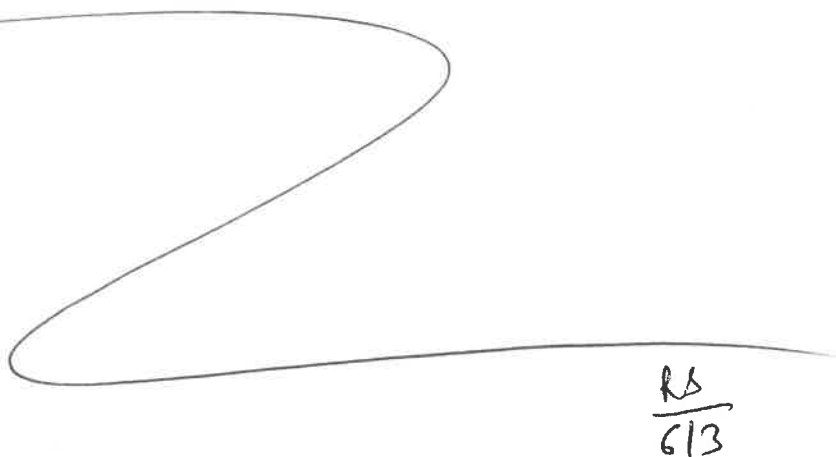
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/3/25	RS (EX-106)	RS Post-PCB Lab
16:35	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 06/03/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168254BL	HBLK254	Herbicide	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168254BS	HLCS254	Herbicide	30.02	N/A	ritesh	Evelyn	10			2
Q2159-01	TP05-MHO-WC	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		3
Q2160-01	TP04-MHG-WC	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q2160-05	TP05-MHH-WC	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		5
Q2160-05MS	TP05-MHH-WCMS	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q2160-05MS D	TP05-MHH-WCMSD	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		U3-1
Q2172-01	TP06-MHQ	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		2
Q2176-01	TP-46	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2176-02	TP-56	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2176-03	TP-25	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		5
Q2176-04	TP-26	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		6
Q2176-05	TP-28	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		U6-1
Q2176-06	TP-27	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		2
Q2176-07	TP-31	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		3
Q2176-08	TP-65	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2185-01	TP02-MHB-WC	Herbicide	30.03	N/A	ritesh	Evelyn	10	B		5
Q2185-05	TP01-MHB-WC	Herbicide	30.06	N/A	ritesh	Evelyn	10	B		6



66257
9:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2159H WorkList ID : 189893 Department : Extraction Date : 06-03-2025 08:50:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2159-01	TP05-MHO-WC	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/29/2025	8151A
Q2160-01	TP04-MHG-WC	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/29/2025	8151A
Q2160-05	TP05-MHH-WC	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/29/2025	8151A
Q2172-01	TP06-MHQ	Solid	Herbicide	Cool 4 deg C	PSEG03	L31	05/30/2025	8151A
Q2176-01	TP-46	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/28/2025	8151A
Q2176-02	TP-56	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/29/2025	8151A
Q2176-03	TP-25	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/29/2025	8151A
Q2176-04	TP-26	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/29/2025	8151A
Q2176-05	TP-28	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/29/2025	8151A
Q2176-06	TP-27	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/29/2025	8151A
Q2176-07	TP-31	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/29/2025	8151A
Q2176-08	TP-65	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/30/2025	8151A
Q2185-01	TP02-MHB-WC	Solid	Herbicide	Cool 4 deg C	PSEG03	L31	06/02/2025	8151A
Q2185-05	TP01-MHB-WC	Solid	Herbicide	Cool 4 deg C	PSEG03	L31	06/02/2025	8151A

Date/Time 06/03/25 8:53
Raw Sample Received by: RS GEF-126b)
Raw Sample Relinquished by: SA 15h

Date/Time 06/03/25 9:15
Raw Sample Received by: SA 15h
Raw Sample Relinquished by: RS GEF-126b)



LAB CHRONICLE

OrderID:	Q2176	OrderDate:	5/30/2025 4:04:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2176-01	TP-46	SOIL			05/28/25			05/30/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/04/25	
			Herbicide	8151A		06/03/25	06/05/25	
			PCB	8082A		06/03/25	06/04/25	
			Pesticide-TCL	8081B		06/03/25	06/03/25	
Q2176-02	TP-56	SOIL			05/29/25			05/30/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/03/25	
			Herbicide	8151A		06/03/25	06/05/25	
			PCB	8082A		06/03/25	06/04/25	
			Pesticide-TCL	8081B		06/03/25	06/03/25	
Q2176-03	TP-25	SOIL			05/29/25			05/30/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/03/25	
			Herbicide	8151A		06/03/25	06/05/25	
			PCB	8082A		06/03/25	06/04/25	
			Pesticide-TCL	8081B		06/03/25	06/03/25	
Q2176-04	TP-26	SOIL			05/29/25			05/30/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/03/25	
			Herbicide	8151A		06/03/25	06/05/25	
			PCB	8082A		06/03/25	06/03/25	
			Pesticide-TCL	8081B		06/03/25	06/03/25	
Q2176-05	TP-28	SOIL			05/29/25			05/30/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/03/25	

LAB CHRONICLE

Q2176-06	TP-27	SOIL	Herbicide	8151A	06/03/25	06/05/25	05/29/25	05/30/25
			PCB	8082A	06/03/25	06/03/25		
			Pesticide-TCL	8081B	06/03/25	06/03/25		
Q2176-07	TP-31	SOIL	Diesel Range Organics	8015D	06/04/25	06/04/25	05/29/25	05/30/25
			Gasoline Range Organics	8015D		06/03/25		
			Herbicide	8151A	06/03/25	06/05/25		
			PCB	8082A	06/03/25	06/03/25		
			Pesticide-TCL	8081B	06/03/25	06/03/25		
Q2176-08	TP-65	SOIL	Diesel Range Organics	8015D	06/04/25	06/04/25	05/30/25	05/30/25
			Gasoline Range Organics	8015D		06/04/25		
			Herbicide	8151A	06/03/25	06/05/25		
			PCB	8082A	06/03/25	06/03/25		
			Pesticide-TCL	8081B	06/03/25	06/03/25		