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Hit Summary Sheet
SW-846

SDG No.:	Q2150				Order ID:	Q2150		
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:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-44	SDG No.:	Q2150
Lab Sample ID:	Q2150-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	78.9
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
PS030460.D	1	05/30/25 08:20	06/02/25 19:46	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.80	U	9.80	84.9	ug/Kg
120-36-5	DICHLORPROP	16.2	U	16.2	84.9	ug/Kg
94-75-7	2,4-D	11.4	U	11.4	84.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.5	U	11.5	84.9	ug/Kg
93-76-5	2,4,5-T	11.0	U	11.0	84.9	ug/Kg
94-82-6	2,4-DB	30.7	U	30.7	84.9	ug/Kg
88-85-7	DINOSEB	13.7	U	13.7	84.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	173		10 - 141	35%	SPK: 500

Comments:

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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:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-42	SDG No.:	Q2150
Lab Sample ID:	Q2150-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.2
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
PS030461.D	1	05/30/25 08:20	06/02/25 20:11	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.00	U	9.00	77.6	ug/Kg
120-36-5	DICHLORPROP	14.8	U	14.8	77.6	ug/Kg
94-75-7	2,4-D	10.5	U	10.5	77.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.5	U	10.5	77.6	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	77.6	ug/Kg
94-82-6	2,4-DB	28.0	U	28.0	77.6	ug/Kg
88-85-7	DINOSEB	12.5	U	12.5	77.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	280		10 - 141	56%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-39	SDG No.:	Q2150
Lab Sample ID:	Q2150-03	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	83.7
Sample Wt/Vol:	30.06	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
PS030462.D	1	05/30/25 08:20	06/02/25 20:35	PB168207

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	267		10 - 141	53%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-48	SDG No.:	Q2150
Lab Sample ID:	Q2150-04	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	80.7
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
PS030463.D	1	05/30/25 08:20	06/02/25 20:59	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.60	U	9.60	82.8	ug/Kg
120-36-5	DICHLORPROP	15.8	U	15.8	82.8	ug/Kg
94-75-7	2,4-D	11.2	U	11.2	82.8	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.2	U	11.2	82.8	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	82.8	ug/Kg
94-82-6	2,4-DB	29.9	U	29.9	82.8	ug/Kg
88-85-7	DINOSEB	13.4	U	13.4	82.8	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	239		10 - 141	48%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-47	SDG No.:	Q2150
Lab Sample ID:	Q2150-05	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	81
Sample Wt/Vol:	30.03	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
PS030464.D	1	05/30/25 08:20	06/02/25 21:23	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.60	U	9.60	82.6	ug/Kg
120-36-5	DICHLORPROP	15.8	U	15.8	82.6	ug/Kg
94-75-7	2,4-D	11.1	U	11.1	82.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.2	U	11.2	82.6	ug/Kg
93-76-5	2,4,5-T	10.7	U	10.7	82.6	ug/Kg
94-82-6	2,4-DB	29.8	U	29.8	82.6	ug/Kg
88-85-7	DINOSEB	13.3	U	13.3	82.6	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:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-50	SDG No.:	Q2150
Lab Sample ID:	Q2150-06	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030624.D	1	05/30/25 08:20	06/11/25 10:52	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.00	U	9.00	77.7	ug/Kg
120-36-5	DICHLORPROP	14.8	U	14.8	77.7	ug/Kg
94-75-7	2,4-D	10.5	U	10.5	77.7	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.5	U	10.5	77.7	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	77.7	ug/Kg
94-82-6	2,4-DB	28.1	U	28.1	77.7	ug/Kg
88-85-7	DINOSEB	12.5	U	12.5	77.7	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	597		10 - 141	119%	SPK: 500

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-51	SDG No.:	Q2150
Lab Sample ID:	Q2150-07	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	83.7
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
PS030468.D	1	05/30/25 08:20	06/02/25 22:59	PB168207

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	247		10 - 141	49%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/28/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-52	SDG No.:	Q2150
Lab Sample ID:	Q2150-08	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
PS030469.D	1	05/30/25 08:20	06/02/25 23:23	PB168207

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	173		10 - 141	35%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/28/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-54	SDG No.:	Q2150
Lab Sample ID:	Q2150-09	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	83.6
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
PS030470.D	1	05/30/25 08:20	06/02/25 23:47	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.30	U	9.30	80.1	ug/Kg
120-36-5	DICHLORPROP	15.3	U	15.3	80.1	ug/Kg
94-75-7	2,4-D	10.8	U	10.8	80.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.8	U	10.8	80.1	ug/Kg
93-76-5	2,4,5-T	10.4	U	10.4	80.1	ug/Kg
94-82-6	2,4-DB	28.9	U	28.9	80.1	ug/Kg
88-85-7	DINOSEB	12.9	U	12.9	80.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	331		10 - 141	66%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/28/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-53	SDG No.:	Q2150
Lab Sample ID:	Q2150-10	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	85.3
Sample Wt/Vol:	30.06	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
PS030471.D	1	05/30/25 08:20	06/03/25 00:11	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.10	U	9.10	78.4	ug/Kg
120-36-5	DICHLORPROP	15.0	U	15.0	78.4	ug/Kg
94-75-7	2,4-D	10.6	U	10.6	78.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.6	U	10.6	78.4	ug/Kg
93-76-5	2,4,5-T	10.2	U	10.2	78.4	ug/Kg
94-82-6	2,4-DB	28.3	U	28.3	78.4	ug/Kg
88-85-7	DINOSEB	12.6	U	12.6	78.4	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	292		10 - 141	58%	SPK: 500

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QC SUMMARY

Surrogate Summary

SDG No.: **Q2150**

Client: **CDM Smith**

Analytical Method: **8151A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS030436.D	PIBLK-PS030436.D	2,4-DCAA	1	500	465	93		61	136
		2,4-DCAA	2	500	470	94		61	136
I.BLK-PS030455.D	PIBLK-PS030455.D	2,4-DCAA	1	500	467	93		61	136
		2,4-DCAA	2	500	483	97		61	136
Q2150-01	TP-44	2,4-DCAA	1	500	173	35		10	141
		2,4-DCAA	2	500	167	33		10	141
Q2150-02	TP-42	2,4-DCAA	1	500	275	55		10	141
		2,4-DCAA	2	500	280	56		10	141
Q2150-03	TP-39	2,4-DCAA	1	500	267	53		10	141
		2,4-DCAA	2	500	255	51		10	141
Q2150-04	TP-48	2,4-DCAA	1	500	239	48		10	141
		2,4-DCAA	2	500	221	44		10	141
Q2150-05	TP-47	2,4-DCAA	1	500	254	51		10	141
		2,4-DCAA	2	500	237	47		10	141
I.BLK-PS030466.D	PIBLK-PS030466.D	2,4-DCAA	1	500	477	95		61	136
		2,4-DCAA	2	500	485	97		61	136
Q2150-07	TP-51	2,4-DCAA	1	500	247	49		10	141
		2,4-DCAA	2	500	244	49		10	141
Q2150-08	TP-52	2,4-DCAA	1	500	173	35		10	141
		2,4-DCAA	2	500	165	33		10	141
Q2150-09	TP-54	2,4-DCAA	1	500	331	66		10	141
		2,4-DCAA	2	500	320	64		10	141
Q2150-10	TP-53	2,4-DCAA	1	500	292	58		10	141
		2,4-DCAA	2	500	285	57		10	141
I.BLK-PS030472.D	PIBLK-PS030472.D	2,4-DCAA	1	500	476	95		61	136
		2,4-DCAA	2	500	490	98		61	136
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-PS030482.D	PIBLK-PS030482.D	2,4-DCAA	1	500	444	89		61	136
		2,4-DCAA	2	500	449	90		61	136
PB168207BL	PB168207BL	2,4-DCAA	1	500	436	87		10	141
		2,4-DCAA	2	500	430	86		10	141
PB168207BS	PB168207BS	2,4-DCAA	1	500	527	105		10	141
		2,4-DCAA	2	500	493	99		10	141
I.BLK-PS030488.D	PIBLK-PS030488.D	2,4-DCAA	1	500	436	87		61	136
		2,4-DCAA	2	500	451	90		61	136
I.BLK-PS030574.D	PIBLK-PS030574.D	2,4-DCAA	1	500	437	87		61	136
		2,4-DCAA	2	500	454	91		61	136
Q2130-01MS	TP-3MS	2,4-DCAA	1	500	252	50		10	141
		2,4-DCAA	2	500	210	42		10	141
Q2130-01MSD	TP-3MSD	2,4-DCAA	1	500	250	50		10	141

Surrogate Summary

SDG No.: Q2150

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q2130-01MSD	TP-3MSD	2,4-DCAA	2	500	206	41		10	141
I.BLK-PS030579.D	PIBLK-PS030579.D	2,4-DCAA	1	500	450	90		61	136
		2,4-DCAA	2	500	466	93		61	136
I.BLK-PS030620.D	PIBLK-PS030620.D	2,4-DCAA	1	500	449	90		61	136
		2,4-DCAA	2	500	487	97		61	136
Q2150-06	TP-50	2,4-DCAA	1	500	540	108		10	141
		2,4-DCAA	2	500	597	119		10	141
I.BLK-PS030629.D	PIBLK-PS030629.D	2,4-DCAA	1	500	452	90		61	136
		2,4-DCAA	2	500	492	98		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2150</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS030577.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2130-01MS (Column 1)	TP-3MS											
	DICAMBA	184.4	0	82.9	ug/Kg	45				10	112	
	DICHLORPROP	184.4	0	93.1	ug/Kg	50				10	113	
	2,4-D	184.4	0	99.5	ug/Kg	54				10	144	
	2,4,5-TP(Silvex)	184.4	0	88.2	ug/Kg	48				10	114	
	2,4,5-T	184.4	0	79.9	ug/Kg	43				10	115	
	2,4-DB	184.4	0	46.7	ug/Kg	25				10	140	
Client Sample ID: Q2130-01MS (Column 2)	Dinoseb	184.4	0	16.3	ug/Kg	9	*			10	118	
	TP-3MS											
	DICAMBA	184.4	0	78.3	ug/Kg	42				10	112	
	DICHLORPROP	184.4	0	91.5	ug/Kg	50				10	113	
	2,4-D	184.4	0	84.7	ug/Kg	46				10	144	
	2,4,5-TP(Silvex)	184.4	0	92.9	ug/Kg	50				10	114	
	2,4,5-T	184.4	0	82.2	ug/Kg	45				10	115	
	2,4-DB	184.4	0	75.1	ug/Kg	41				10	140	
	Dinoseb	184.4	0	20.3	ug/Kg	11				10	118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2150</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS030578.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2130-01MSD (Column 1)	TP-3MSD											
	DICAMBA	184.1	0	82.5	ug/Kg	45		0		10	112	20
	DICHLORPROP	184.1	0	92.4	ug/Kg	50		0		10	113	20
	2,4-D	184.1	0	99.3	ug/Kg	54		0		10	144	20
	2,4,5-TP(Silvex)	184.1	0	87.6	ug/Kg	48		0		10	114	20
	2,4,5-T	184.1	0	80.3	ug/Kg	44		2		10	115	20
	2,4-DB	184.1	0	44.9	ug/Kg	24		4		10	140	20
Client Sample ID: Q2130-01MSD (Column 2)	Dinoseb	184.1	0	16.3	ug/Kg	9	*	0		10	118	20
	TP-3MSD											
	DICAMBA	184.1	0	78.1	ug/Kg	42		0		10	112	20
	DICHLORPROP	184.1	0	91.1	ug/Kg	49		2		10	113	20
	2,4-D	184.1	0	94.6	ug/Kg	51		10		10	144	20
	2,4,5-TP(Silvex)	184.1	0	92.0	ug/Kg	50		0		10	114	20
	2,4,5-T	184.1	0	81.6	ug/Kg	44		2		10	115	20
	2,4-DB	184.1	0	74.6	ug/Kg	41		0		10	140	20
	Dinoseb	184.1	0	20.1	ug/Kg	11		0		10	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2150</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PS030485.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB168207BS (Column 1)	DICAMBA	166.6	161	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	165	ug/Kg	99				74	146		
	2,4,5-T	166.6	163	ug/Kg	98				77	134		
	2,4-DB	166.6	158	ug/Kg	95				72	122		
	Dinoseb	166.6	162	ug/Kg	97				74	132		
	DICAMBA	166.6	155	ug/Kg	93				72	129		
PB168207BS (Column 2)	DICHLORPROP	166.6	156	ug/Kg	94				77	135		
	2,4-D	166.6	157	ug/Kg	94				65	144		
	2,4,5-TP(Silvex)	166.6	159	ug/Kg	95				74	146		
	2,4,5-T	166.6	159	ug/Kg	95				77	134		
	2,4-DB	166.6	158	ug/Kg	95				72	122		
	Dinoseb	166.6	156	ug/Kg	94				74	132		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168207BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150

SAS No.: Q2150 SDG NO.: Q2150

Lab Sample ID: PB168207BL

Lab File ID: PS030484.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/30/2025

Date Analyzed (1): 06/04/2025

Date Analyzed (2): 06/04/2025

Time Analyzed (1): 14:47

Time Analyzed (2): 14:47

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
TP-44	Q2150-01	PS030460.D	06/02/2025	06/02/2025
TP-42	Q2150-02	PS030461.D	06/02/2025	06/02/2025
TP-39	Q2150-03	PS030462.D	06/02/2025	06/02/2025
TP-48	Q2150-04	PS030463.D	06/02/2025	06/02/2025
TP-47	Q2150-05	PS030464.D	06/02/2025	06/02/2025
TP-51	Q2150-07	PS030468.D	06/02/2025	06/02/2025
TP-52	Q2150-08	PS030469.D	06/02/2025	06/02/2025
TP-54	Q2150-09	PS030470.D	06/02/2025	06/02/2025
TP-53	Q2150-10	PS030471.D	06/03/2025	06/03/2025
PB168207BS	PB168207BS	PS030485.D	06/04/2025	06/04/2025
TP-3MS	Q2130-01MS	PS030577.D	06/09/2025	06/09/2025
TP-3MSD	Q2130-01MSD	PS030578.D	06/09/2025	06/09/2025
TP-50	Q2150-06	PS030624.D	06/11/2025	06/11/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168207BL	SDG No.:	Q2150
Lab Sample ID:	PB168207BL	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	Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030484.D	1	05/30/25 08:20	06/04/25 14:47	PB168207

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	436		10 - 141	87%	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:	06/02/25
Project:	South River WM Replacement	Date Received:	06/02/25
Client Sample ID:	PIBLK-PS030436.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030436.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
PS030436.D	1		06/02/25	Ps060225

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	470		61 - 136	94%	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:	06/02/25
Project:	South River WM Replacement	Date Received:	06/02/25
Client Sample ID:	PIBLK-PS030455.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030455.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
PS030455.D	1		06/02/25	PS060225

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	483		61 - 136	97%	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:	06/02/25
Project:	South River WM Replacement	Date Received:	06/02/25
Client Sample ID:	PIBLK-PS030466.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030466.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
PS030466.D	1		06/02/25	PS060225

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	485		61 - 136	97%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/03/25
Project:	South River WM Replacement	Date Received:	06/03/25
Client Sample ID:	PIBLK-PS030472.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030472.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
PS030472.D	1		06/03/25	PS060225

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	490		61 - 136	98%	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.:	Q2150
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:

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-PS030482.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030482.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
PS030482.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	449		61 - 136	90%	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-PS030488.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030488.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
PS030488.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	451		61 - 136	90%	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:	06/09/25
Project:	South River WM Replacement	Date Received:	06/09/25
Client Sample ID:	PIBLK-PS030574.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030574.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
PS030574.D	1		06/09/25	ps060925

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	454		61 - 136	91%	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:	06/09/25
Project:	South River WM Replacement	Date Received:	06/09/25
Client Sample ID:	PIBLK-PS030579.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030579.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
PS030579.D	1		06/09/25	ps060925

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:

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:	06/11/25
Project:	South River WM Replacement	Date Received:	06/11/25
Client Sample ID:	PIBLK-PS030620.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030620.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
PS030620.D	1		06/11/25	ps061125

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	487		61 - 136	97%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	06/11/25
Project:	South River WM Replacement	Date Received:	06/11/25
Client Sample ID:	PIBLK-PS030629.D	SDG No.:	Q2150
Lab Sample ID:	I.BLK-PS030629.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
PS030629.D	1		06/11/25	ps061125

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	492		61 - 136	98%	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:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168207BS	SDG No.:	Q2150
Lab Sample ID:	PB168207BS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100
Sample Wt/Vol:	30.02	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
PS030485.D	1	05/30/25 08:20	06/04/25 15:12	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	161		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	160		12.8	67.0	ug/Kg
94-75-7	2,4-D	160		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	165		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	163		8.70	67.0	ug/Kg
94-82-6	2,4-DB	158		24.2	67.0	ug/Kg
88-85-7	DINOSEB	162		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	527		10 - 141	105%	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:	05/27/25
Project:	South River WM Replacement	Date Received:	05/27/25
Client Sample ID:	TP-3MS	SDG No.:	Q2150
Lab Sample ID:	Q2130-01MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90.3
Sample Wt/Vol:	30.03	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
PS030577.D	1	05/30/25 08:20	06/09/25 18:41	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	82.9		8.60	74.1	ug/Kg
120-36-5	DICHLORPROP	93.1		14.2	74.1	ug/Kg
94-75-7	2,4-D	99.5		10.0	74.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	92.9		10.0	74.1	ug/Kg
93-76-5	2,4,5-T	82.2		9.60	74.1	ug/Kg
94-82-6	2,4-DB	75.1	P	26.8	74.1	ug/Kg
88-85-7	DINOSEB	20.3	J	11.9	74.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	252		10 - 141	50%	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:	05/27/25
Project:	South River WM Replacement	Date Received:	05/27/25
Client Sample ID:	TP-3MSD	SDG No.:	Q2150
Lab Sample ID:	Q2130-01MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90.3
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
PS030578.D	1	05/30/25 08:20	06/09/25 19:05	PB168207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	82.5		8.60	74.0	ug/Kg
120-36-5	DICHLORPROP	92.4		14.1	74.0	ug/Kg
94-75-7	2,4-D	99.3		10.0	74.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	92.0		10.0	74.0	ug/Kg
93-76-5	2,4,5-T	81.6		9.60	74.0	ug/Kg
94-82-6	2,4-DB	74.6	P	26.7	74.0	ug/Kg
88-85-7	DINOSEB	20.1	J	11.9	74.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	250		10 - 141	50%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

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Calibration Times: 09:13 10:49

LAB FILE ID: RT 200 = PS030437.D RT 500 = PS030438.D
RT 750 = PS030439.D RT 1000 = PS030440.D RT 1500 = PS030441.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

Instrument ID: ECD_S Calibration Date(s): 06/02/2025 06/02/2025

Calibration Times: 09:13 10:49

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

LAB FILE ID:	RT 200 = <u>PS030437.D</u>	RT 500 = <u>PS030438.D</u>
	RT 750 = <u>PS030439.D</u>	RT 1000 = <u>PS030440.D</u>
		RT 1500 = <u>PS030441.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-T	9.74	9.74	9.75	9.74	9.74	9.74	9.64	9.84
2,4,5-TP(Silvex)	9.34	9.34	9.35	9.34	9.34	9.34	9.24	9.44
2,4-D	8.48	8.48	8.48	8.48	8.48	8.48	8.38	8.58
2,4-DB	10.30	10.30	10.30	10.30	10.30	10.30	10.20	10.40
2,4-DCAA	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
DICAMBA	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
DICHLORPROP	8.17	8.17	8.17	8.17	8.17	8.17	8.07	8.27
Dinoseb	10.66	10.66	10.67	10.67	10.66	10.66	10.56	10.76

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Instrument ID: ECD_S **Calibration Date(s):** 06/02/2025 06/02/2025
Calibration Times: 09:13 10:49

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

LAB FILE ID:		CF 200 = <u>PS030437.D</u>		CF 500 = <u>PS030438.D</u>			
CF 750 = <u>PS030439.D</u>		CF 1000 = <u>PS030440.D</u>		CF 1500 = <u>PS030441.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	26654600000	22537700000	21523600000	21039200000	19992000000	22349400000	12
2,4,5-TP(Silvex)	30373300000	24973400000	23533400000	22714000000	21490700000	24616900000	14
2,4-D	5421790000	4357790000	4143530000	4048250000	3895280000	4373330000	14
2,4-DB	3958090000	3446260000	3373160000	3385980000	3356080000	3503910000	7
2,4-DCAA	5145720000	4057020000	3830810000	3692630000	3535940000	4052420000	16
DICAMBA	20964400000	17146300000	16619900000	16172600000	15526100000	17285900000	12
DICHLORPROP	5206190000	4130820000	3894460000	3783800000	3645610000	4132180000	15
Dinoseb	23156800000	18828100000	17672200000	17195900000	16380800000	18646800000	14

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Instrument ID: ECD_S **Calibration Date(s):** 06/02/2025 06/02/2025
Calibration Times: 09:13 10:49

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

LAB FILE ID:		CF 200 = <u>PS030437.D</u>		CF 500 = <u>PS030438.D</u>			
CF 750 = <u>PS030439.D</u>		CF 1000 = <u>PS030440.D</u>		CF 1500 = <u>PS030441.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	16810500000	14903600000	14395300000	14103000000	13612500000	14765000000	8
2,4,5-TP(Silvex)	18734600000	16594300000	15960100000	15600700000	14942200000	16366400000	9
2,4-D	23900000000	20282500000	19630600000	19443300000	19164000000	20484100000	10
2,4-DB	15607200000	13423500000	13160500000	13285600000	13243200000	13744000000	8
2,4-DCAA	14740500000	12572600000	12209200000	12102100000	11998800000	12724600000	9
DICAMBA	86590200000	78255800000	77404500000	77103100000	76145700000	79099800000	5
DICHLORPROP	22047700000	18922400000	18012700000	17785400000	17504500000	18854500000	10
Dinoseb	13001900000	11375000000	10900700000	10837000000	10570200000	11337000000	9

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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]

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

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.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

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.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

Continuing Calib Date: 06/02/2025 Initial Calibration Date(s): 06/02/2025 06/02/2025

Continuing Calib Time: 18:10 Initial Calibration Time(s): 09:13 10:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	6.90	6.90	6.80	7.00	0.00
2,4-DCAA	6.73	6.73	6.63	6.83	0.00
DICHLORPROP	7.57	7.57	7.47	7.67	0.00
2,4-D	7.79	7.79	7.69	7.89	0.01
2,4,5-TP(Silvex)	8.61	8.61	8.51	8.71	0.00
2,4,5-T	8.88	8.89	8.79	8.99	0.01
2,4-DB	9.43	9.43	9.33	9.53	0.00
Dinoseb	10.57	10.57	10.47	10.67	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Continuing Calib Date: 06/02/2025 **Initial Calibration Date(s):** 06/02/2025 06/02/2025

Continuing Calib Time: 18:10 **Initial Calibration Time(s):** 09:13 10:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.48	7.48	7.38	7.58	0.00
2,4-DCAA	7.30	7.30	7.20	7.40	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.48	8.48	8.38	8.58	0.00
2,4,5-TP(Silvex)	9.34	9.35	9.25	9.45	0.01
2,4,5-T	9.74	9.75	9.65	9.85	0.01
2,4-DB	10.30	10.30	10.20	10.40	0.00
Dinoseb	10.66	10.67	10.57	10.77	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/02/2025 06/02/2025

Client Sample No.: CCAL01 Date Analyzed: 06/02/2025

Lab Sample No.: HSTDCCC750 Data File : PS030456.D Time Analyzed: 18:10

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	8.884	8.785	8.985	711.700	712.500	-0.1
2,4,5-TP(Silvex)	8.608	8.509	8.709	699.100	712.500	-1.9
2,4-D	7.785	7.685	7.885	691.520	705.000	-1.9
2,4-DB	9.433	9.334	9.534	735.550	712.500	3.2
2,4-DCAA	6.732	6.633	6.833	721.540	750.000	-3.8
DICAMBA	6.904	6.803	7.003	690.790	705.000	-2.0
DICHLORPROP	7.570	7.470	7.670	681.540	705.000	-3.3
Dinoseb	10.573	10.474	10.674	677.420	705.000	-3.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/02/2025 06/02/2025

Client Sample No.: CCAL01 Date Analyzed: 06/02/2025

Lab Sample No.: HSTDCCC750 Data File : PS030456.D Time Analyzed: 18:10

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.743	9.645	9.845	712.480	712.500	0.0
2,4,5-TP(Silvex)	9.343	9.245	9.445	710.870	712.500	-0.2
2,4-D	8.475	8.376	8.576	694.340	705.000	-1.5
2,4-DB	10.296	10.197	10.397	698.450	712.500	-2.0
2,4-DCAA	7.301	7.202	7.402	741.240	750.000	-1.2
DICAMBA	7.482	7.383	7.583	708.370	705.000	0.5
DICHLORPROP	8.167	8.068	8.268	695.540	705.000	-1.3
Dinoseb	10.664	10.565	10.765	683.460	705.000	-3.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Continuing Calib Date: 06/02/2025 **Initial Calibration Date(s):** 06/02/2025 06/02/2025

Continuing Calib Time: 22:35 **Initial Calibration Time(s):** 09:13 10:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	6.90	6.90	6.80	7.00	0.00
2,4-DCAA	6.73	6.73	6.63	6.83	0.00
DICHLORPROP	7.57	7.57	7.47	7.67	0.00
2,4-D	7.79	7.79	7.69	7.89	0.01
2,4,5-TP(Silvex)	8.61	8.61	8.51	8.71	0.00
2,4,5-T	8.88	8.89	8.79	8.99	0.01
2,4-DB	9.43	9.43	9.33	9.53	0.00
Dinoseb	10.57	10.57	10.47	10.67	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

Continuing Calib Date: 06/02/2025 Initial Calibration Date(s): 06/02/2025 06/02/2025

Continuing Calib Time: 22:35 Initial Calibration Time(s): 09:13 10:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.48	7.48	7.38	7.58	0.00
2,4-DCAA	7.30	7.30	7.20	7.40	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.48	8.48	8.38	8.58	0.00
2,4,5-TP(Silvex)	9.34	9.35	9.25	9.45	0.01
2,4,5-T	9.74	9.75	9.65	9.85	0.01
2,4-DB	10.30	10.30	10.20	10.40	0.00
Dinoseb	10.66	10.67	10.57	10.77	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/02/2025 06/02/2025

Client Sample No.: CCAL02 Date Analyzed: 06/02/2025

Lab Sample No.: HSTDCCC750 Data File : PS030467.D Time Analyzed: 22:35

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	8.883	8.785	8.985	714.810	712.500	0.3
2,4,5-TP(Silvex)	8.608	8.509	8.709	700.540	712.500	-1.7
2,4-D	7.785	7.685	7.885	693.760	705.000	-1.6
2,4-DB	9.432	9.334	9.534	737.030	712.500	3.4
2,4-DCAA	6.732	6.633	6.833	723.490	750.000	-3.5
DICAMBA	6.903	6.803	7.003	692.130	705.000	-1.8
DICHLORPROP	7.569	7.470	7.670	682.100	705.000	-3.2
Dinoseb	10.571	10.474	10.674	682.660	705.000	-3.2

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/02/2025 06/02/2025

Client Sample No.: CCAL02 Date Analyzed: 06/02/2025

Lab Sample No.: HSTDCCC750 Data File : PS030467.D Time Analyzed: 22:35

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.743	9.645	9.845	711.940	712.500	-0.1
2,4,5-TP(Silvex)	9.343	9.245	9.445	709.200	712.500	-0.5
2,4-D	8.475	8.376	8.576	695.710	705.000	-1.3
2,4-DB	10.295	10.197	10.397	701.530	712.500	-1.5
2,4-DCAA	7.301	7.202	7.402	738.810	750.000	-1.5
DICAMBA	7.482	7.383	7.583	706.810	705.000	0.3
DICHLORPROP	8.167	8.068	8.268	702.350	705.000	-0.4
Dinoseb	10.663	10.565	10.765	685.830	705.000	-2.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Continuing Calib Date: 06/03/2025 **Initial Calibration Date(s):** 06/02/2025 06/02/2025

Continuing Calib Time: 00:59 **Initial Calibration Time(s):** 09:13 10:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	6.90	6.90	6.80	7.00	0.00
2,4-DCAA	6.73	6.73	6.63	6.83	0.00
DICHLORPROP	7.57	7.57	7.47	7.67	0.00
2,4-D	7.78	7.79	7.69	7.89	0.01
2,4,5-TP(Silvex)	8.61	8.61	8.51	8.71	0.00
2,4,5-T	8.88	8.89	8.79	8.99	0.01
2,4-DB	9.43	9.43	9.33	9.53	0.00
Dinoseb	10.57	10.57	10.47	10.67	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

Continuing Calib Date: 06/03/2025 Initial Calibration Date(s): 06/02/2025 06/02/2025

Continuing Calib Time: 00:59 Initial Calibration Time(s): 09:13 10:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.48	7.48	7.38	7.58	0.00
2,4-DCAA	7.30	7.30	7.20	7.40	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.48	8.48	8.38	8.58	0.00
2,4,5-TP(Silvex)	9.34	9.35	9.25	9.45	0.01
2,4,5-T	9.74	9.75	9.65	9.85	0.01
2,4-DB	10.30	10.30	10.20	10.40	0.00
Dinoseb	10.66	10.67	10.57	10.77	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/02/2025 06/02/2025

Client Sample No.: CCAL03 Date Analyzed: 06/03/2025

Lab Sample No.: HSTDCCC750 Data File : PS030473.D Time Analyzed: 00:59

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	8.884	8.785	8.985	719.320	712.500	1.0
2,4,5-TP(Silvex)	8.607	8.509	8.709	703.280	712.500	-1.3
2,4-D	7.784	7.685	7.885	699.740	705.000	-0.7
2,4-DB	9.432	9.334	9.534	745.590	712.500	4.6
2,4-DCAA	6.733	6.633	6.833	724.260	750.000	-3.4
DICAMBA	6.903	6.803	7.003	693.600	705.000	-1.6
DICHLORPROP	7.569	7.470	7.670	684.280	705.000	-2.9
Dinoseb	10.572	10.474	10.674	687.260	705.000	-2.5

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/02/2025 06/02/2025

Client Sample No.: CCAL03 Date Analyzed: 06/03/2025

Lab Sample No.: HSTDCCC750 Data File : PS030473.D Time Analyzed: 00:59

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.743	9.645	9.845	724.500	712.500	1.7
2,4,5-TP(Silvex)	9.343	9.245	9.445	718.510	712.500	0.8
2,4-D	8.475	8.376	8.576	705.970	705.000	0.1
2,4-DB	10.295	10.197	10.397	712.370	712.500	0.0
2,4-DCAA	7.301	7.202	7.402	746.250	750.000	-0.5
DICAMBA	7.481	7.383	7.583	714.410	705.000	1.3
DICHLORPROP	8.166	8.068	8.268	700.070	705.000	-0.7
Dinoseb	10.663	10.565	10.765	700.530	705.000	-0.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Continuing Calib Time: 14:23 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.56	7.56	7.46	7.66	0.00
2,4-DCAA	7.37	7.37	7.27	7.47	0.00
DICHLORPROP	8.28	8.28	8.18	8.38	0.00
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	9.70	9.70	9.60	9.80	0.00
2,4-DB	10.28	10.28	10.18	10.38	0.00
Dinoseb	11.50	11.50	11.40	11.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Continuing Calib Time: 14:23 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	0.00
2,4-DB	10.94	10.94	10.84	11.04	0.00
Dinoseb	11.32	11.32	11.22	11.42	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL04 Date Analyzed: 06/04/2025

Lab Sample No.: HSTDCCC750 Data File : PS030483.D Time Analyzed: 14:23

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.697	9.597	9.797	708.550	712.500	-0.6
2,4,5-TP(Silvex)	9.401	9.304	9.504	703.720	712.500	-1.2
2,4-D	8.509	8.412	8.612	686.470	705.000	-2.6
2,4-DB	10.276	10.179	10.379	703.340	712.500	-1.3
2,4-DCAA	7.367	7.269	7.469	725.390	750.000	-3.3
DICAMBA	7.560	7.461	7.661	694.190	705.000	-1.5
DICHLORPROP	8.276	8.179	8.379	677.610	705.000	-3.9
Dinoseb	11.500	11.402	11.602	693.920	705.000	-1.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL04 Date Analyzed: 06/04/2025

Lab Sample No.: HSTDCCC750 Data File : PS030483.D Time Analyzed: 14:23

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.367	10.268	10.468	690.040	712.500	-3.2
2,4,5-TP(Silvex)	9.941	9.842	10.042	686.650	712.500	-3.6
2,4-D	9.033	8.934	9.134	674.550	705.000	-4.3
2,4-DB	10.935	10.836	11.036	678.160	712.500	-4.8
2,4-DCAA	7.773	7.674	7.874	700.400	750.000	-6.6
DICAMBA	7.977	7.877	8.077	680.500	705.000	-3.5
DICHLORPROP	8.697	8.598	8.798	672.350	705.000	-4.6
Dinoseb	11.321	11.221	11.421	684.430	705.000	-2.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Continuing Calib Time: 16:50 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	0.00
DICHLORPROP	8.28	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	10.28	10.28	10.18	10.38	0.01
Dinoseb	11.50	11.50	11.40	11.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Continuing Calib Time: 16:50 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	0.00
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.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL05 Date Analyzed: 06/04/2025

Lab Sample No.: HSTDCCC750 Data File : PS030489.D Time Analyzed: 16:50

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.694	9.597	9.797	707.360	712.500	-0.7
2,4,5-TP(Silvex)	9.400	9.304	9.504	701.500	712.500	-1.5
2,4-D	8.508	8.412	8.612	688.650	705.000	-2.3
2,4-DB	10.275	10.179	10.379	711.140	712.500	-0.2
2,4-DCAA	7.366	7.269	7.469	719.780	750.000	-4.0
DICAMBA	7.558	7.461	7.661	694.210	705.000	-1.5
DICHLORPROP	8.275	8.179	8.379	678.650	705.000	-3.7
Dinoseb	11.498	11.402	11.602	681.220	705.000	-3.4

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL05 Date Analyzed: 06/04/2025

Lab Sample No.: HSTDCCC750 Data File : PS030489.D Time Analyzed: 16:50

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.367	10.268	10.468	697.940	712.500	-2.0
2,4,5-TP(Silvex)	9.940	9.842	10.042	690.320	712.500	-3.1
2,4-D	9.033	8.934	9.134	680.340	705.000	-3.5
2,4-DB	10.934	10.836	11.036	685.670	712.500	-3.8
2,4-DCAA	7.773	7.674	7.874	712.640	750.000	-5.0
DICAMBA	7.977	7.877	8.077	688.840	705.000	-2.3
DICHLORPROP	8.697	8.598	8.798	670.150	705.000	-4.9
Dinoseb	11.320	11.221	11.421	676.820	705.000	-4.0

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Continuing Calib Date: 06/09/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 17:46 **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	10.26	10.28	10.18	10.38	0.02
Dinoseb	11.49	11.50	11.40	11.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 17:46 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
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.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL06 Date Analyzed: 06/09/2025

Lab Sample No.: HSTDCCC750 Data File : PS030575.D Time Analyzed: 17:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.685	9.597	9.797	689.350	712.500	-3.2
2,4,5-TP(Silvex)	9.390	9.304	9.504	721.350	712.500	1.2
2,4-D	8.500	8.412	8.612	682.250	705.000	-3.2
2,4-DB	10.264	10.179	10.379	633.500	712.500	-11.1
2,4-DCAA	7.360	7.269	7.469	740.450	750.000	-1.3
DICAMBA	7.552	7.461	7.661	726.990	705.000	3.1
DICHLORPROP	8.267	8.179	8.379	700.270	705.000	-0.7
Dinoseb	11.486	11.402	11.602	705.860	705.000	0.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL06 Date Analyzed: 06/09/2025

Lab Sample No.: HSTDCCC750 Data File : PS030575.D Time Analyzed: 17:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.361	10.268	10.468	708.570	712.500	-0.6
2,4,5-TP(Silvex)	9.935	9.842	10.042	715.680	712.500	0.4
2,4-D	9.028	8.934	9.134	699.240	705.000	-0.8
2,4-DB	10.928	10.836	11.036	687.130	712.500	-3.6
2,4-DCAA	7.769	7.674	7.874	720.580	750.000	-3.9
DICAMBA	7.973	7.877	8.077	704.220	705.000	-0.1
DICHLORPROP	8.693	8.598	8.798	698.740	705.000	-0.9
Dinoseb	11.315	11.221	11.421	708.580	705.000	0.5

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Continuing Calib Date: 06/09/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 19:53 **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	9.68	9.70	9.60	9.80	0.02
2,4-DB	10.26	10.28	10.18	10.38	0.02
Dinoseb	11.49	11.50	11.40	11.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

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

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
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	11.31	11.32	11.22	11.42	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL07 Date Analyzed: 06/09/2025

Lab Sample No.: HSTDCCC750 Data File : PS030580.D Time Analyzed: 19:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.684	9.597	9.797	698.110	712.500	-2.0
2,4,5-TP(Silvex)	9.390	9.304	9.504	724.120	712.500	1.6
2,4-D	8.499	8.412	8.612	689.840	705.000	-2.2
2,4-DB	10.264	10.179	10.379	649.610	712.500	-8.8
2,4-DCAA	7.360	7.269	7.469	732.930	750.000	-2.3
DICAMBA	7.552	7.461	7.661	729.450	705.000	3.5
DICHLORPROP	8.268	8.179	8.379	700.780	705.000	-0.6
Dinoseb	11.486	11.402	11.602	716.830	705.000	1.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL07 Date Analyzed: 06/09/2025

Lab Sample No.: HSTDCCC750 Data File : PS030580.D Time Analyzed: 19:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.361	10.268	10.468	710.000	712.500	-0.4
2,4,5-TP(Silvex)	9.935	9.842	10.042	715.970	712.500	0.5
2,4-D	9.028	8.934	9.134	701.870	705.000	-0.4
2,4-DB	10.928	10.836	11.036	686.990	712.500	-3.6
2,4-DCAA	7.769	7.674	7.874	723.920	750.000	-3.5
DICAMBA	7.973	7.877	8.077	709.970	705.000	0.7
DICHLORPROP	8.693	8.598	8.798	701.790	705.000	-0.5
Dinoseb	11.314	11.221	11.421	712.940	705.000	1.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

Continuing Calib Date: 06/11/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 09:10 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	8.26	8.28	8.18	8.38	0.02
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	9.68	9.70	9.60	9.80	0.02
2,4-DB	10.26	10.28	10.18	10.38	0.02
Dinoseb	11.48	11.50	11.40	11.60	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Continuing Calib Date: 06/11/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 09:10 **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)	9.93	9.94	9.84	10.04	0.01
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	11.31	11.32	11.22	11.42	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL08 Date Analyzed: 06/11/2025

Lab Sample No.: HSTDCCC750 Data File : PS030621.D Time Analyzed: 09:10

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.680	9.597	9.797	700.660	712.500	-1.7
2,4,5-TP(Silvex)	9.386	9.304	9.504	736.560	712.500	3.4
2,4-D	8.496	8.412	8.612	691.670	705.000	-1.9
2,4-DB	10.259	10.179	10.379	643.460	712.500	-9.7
2,4-DCAA	7.356	7.269	7.469	737.450	750.000	-1.7
DICAMBA	7.549	7.461	7.661	744.120	705.000	5.5
DICHLORPROP	8.264	8.179	8.379	713.190	705.000	1.2
Dinoseb	11.481	11.402	11.602	718.070	705.000	1.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL08 Date Analyzed: 06/11/2025

Lab Sample No.: HSTDCCC750 Data File : PS030621.D Time Analyzed: 09:10

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.359	10.268	10.468	750.020	712.500	5.3
2,4,5-TP(Silvex)	9.932	9.842	10.042	754.780	712.500	5.9
2,4-D	9.026	8.934	9.134	740.500	705.000	5.0
2,4-DB	10.925	10.836	11.036	732.100	712.500	2.8
2,4-DCAA	7.768	7.674	7.874	751.350	750.000	0.2
DICAMBA	7.971	7.877	8.077	750.620	705.000	6.5
DICHLORPROP	8.691	8.598	8.798	728.610	705.000	3.3
Dinoseb	11.311	11.221	11.421	752.930	705.000	6.8

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

Continuing Calib Date: 06/11/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 15:32 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	8.26	8.28	8.18	8.38	0.02
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	9.68	9.70	9.60	9.80	0.02
2,4-DB	10.26	10.28	10.18	10.38	0.02
Dinoseb	11.48	11.50	11.40	11.60	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2150 **SAS No.:** Q2150 **SDG NO.:** Q2150

Continuing Calib Date: 06/11/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 15:32 **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	0.01
DICHLORPROP	8.69	8.70	8.60	8.80	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.94	9.84	10.04	0.01
2,4,5-T	10.36	10.37	10.27	10.47	0.01
2,4-DB	10.92	10.94	10.84	11.04	0.02
Dinoseb	11.31	11.32	11.22	11.42	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL09 Date Analyzed: 06/11/2025

Lab Sample No.: HSTDCCC750 Data File : PS030630.D Time Analyzed: 15:32

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.681	9.597	9.797	676.850	712.500	-5.0
2,4,5-TP(Silvex)	9.387	9.304	9.504	708.950	712.500	-0.5
2,4-D	8.497	8.412	8.612	682.320	705.000	-3.2
2,4-DB	10.261	10.179	10.379	625.670	712.500	-12.2
2,4-DCAA	7.357	7.269	7.469	709.420	750.000	-5.4
DICAMBA	7.548	7.461	7.661	710.810	705.000	0.8
DICHLORPROP	8.264	8.179	8.379	679.350	705.000	-3.6
Dinoseb	11.482	11.402	11.602	690.760	705.000	-2.0

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150 SAS No.: Q2150 SDG NO.: Q2150

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

Client Sample No.: CCAL09 Date Analyzed: 06/11/2025

Lab Sample No.: HSTDCCC750 Data File : PS030630.D Time Analyzed: 15:32

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.357	10.268	10.468	722.370	712.500	1.4
2,4,5-TP(Silvex)	9.931	9.842	10.042	724.770	712.500	1.7
2,4-D	9.023	8.934	9.134	714.950	705.000	1.4
2,4-DB	10.924	10.836	11.036	701.440	712.500	-1.6
2,4-DCAA	7.765	7.674	7.874	726.420	750.000	-3.1
DICAMBA	7.968	7.877	8.077	715.390	705.000	1.5
DICHLORPROP	8.688	8.598	8.798	694.620	705.000	-1.5
Dinoseb	11.310	11.221	11.421	720.260	705.000	2.2

Analytical Sequence

Client: CDM Smith	SDG No.: Q2150	
Project: South River WM Replacement	Instrument ID: ECD_S	
GC Column: RTX-CLP	ID: 0.32 (mm)	Inst. Calib. Date(s): 06/02/2025 06/02/2025

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	06/02/2025	08:49	PS030436.D	6.73	0.00
HSTDICC200	HSTDICC200	06/02/2025	09:13	PS030437.D	6.73	0.00
HSTDICC500	HSTDICC500	06/02/2025	09:37	PS030438.D	6.73	0.00
HSTDICC750	HSTDICC750	06/02/2025	10:01	PS030439.D	6.73	0.00
HSTDICC1000	HSTDICC1000	06/02/2025	10:25	PS030440.D	6.73	0.00
HSTDICC1500	HSTDICC1500	06/02/2025	10:49	PS030441.D	6.73	0.00
IBLK	IBLK	06/02/2025	17:46	PS030455.D	6.73	0.00
HSTDCCC750	HSTDCCC750	06/02/2025	18:10	PS030456.D	6.73	0.00
TP-44	Q2150-01	06/02/2025	19:46	PS030460.D	6.73	0.00
TP-42	Q2150-02	06/02/2025	20:11	PS030461.D	6.73	0.00
TP-39	Q2150-03	06/02/2025	20:35	PS030462.D	6.73	0.00
TP-48	Q2150-04	06/02/2025	20:59	PS030463.D	6.73	0.00
TP-47	Q2150-05	06/02/2025	21:23	PS030464.D	6.73	0.00
IBLK	IBLK	06/02/2025	22:11	PS030466.D	6.73	0.00
HSTDCCC750	HSTDCCC750	06/02/2025	22:35	PS030467.D	6.73	0.00
TP-51	Q2150-07	06/02/2025	22:59	PS030468.D	6.73	0.00
TP-52	Q2150-08	06/02/2025	23:23	PS030469.D	6.73	0.00
TP-54	Q2150-09	06/02/2025	23:47	PS030470.D	6.73	0.00
TP-53	Q2150-10	06/03/2025	00:11	PS030471.D	6.73	0.00
IBLK	IBLK	06/03/2025	00:35	PS030472.D	6.73	0.00
HSTDCCC750	HSTDCCC750	06/03/2025	00:59	PS030473.D	6.73	0.00
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	13:59	PS030482.D	7.37	0.00
HSTDCCC750	HSTDCCC750	06/04/2025	14:23	PS030483.D	7.37	0.00
PB168207BL	PB168207BL	06/04/2025	14:47	PS030484.D	7.37	0.00
PB168207BS	PB168207BS	06/04/2025	15:12	PS030485.D	7.37	0.00
IBLK	IBLK	06/04/2025	16:26	PS030488.D	7.37	0.00
HSTDCCC750	HSTDCCC750	06/04/2025	16:50	PS030489.D	7.37	0.00
IBLK	IBLK	06/09/2025	17:22	PS030574.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	17:46	PS030575.D	7.36	0.00
TP-3MS	Q2130-01MS	06/09/2025	18:41	PS030577.D	7.36	0.00
TP-3MSD	Q2130-01MSD	06/09/2025	19:05	PS030578.D	7.36	0.00
IBLK	IBLK	06/09/2025	19:29	PS030579.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	19:53	PS030580.D	7.36	0.00
IBLK	IBLK	06/11/2025	08:46	PS030620.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/11/2025	09:10	PS030621.D	7.36	0.00
TP-50	Q2150-06	06/11/2025	10:52	PS030624.D	7.36	0.00

Analytical Sequence

I.BLK	I.BLK	06/11/2025	14:30	PS030629.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/11/2025	15:32	PS030630.D	7.36	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q2150	
Project: South River WM Replacement	Instrument ID: ECD_S	
GC Column: RTX-CLP2	ID: 0.32 (mm)	Inst. Calib. Date(s): 06/02/2025 06/02/2025

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	06/02/2025	08:49	PS030436.D	7.30	0.00
HSTDICC200	HSTDICC200	06/02/2025	09:13	PS030437.D	7.30	0.00
HSTDICC500	HSTDICC500	06/02/2025	09:37	PS030438.D	7.30	0.00
HSTDICC750	HSTDICC750	06/02/2025	10:01	PS030439.D	7.30	0.00
HSTDICC1000	HSTDICC1000	06/02/2025	10:25	PS030440.D	7.30	0.00
HSTDICC1500	HSTDICC1500	06/02/2025	10:49	PS030441.D	7.30	0.00
IBLK	IBLK	06/02/2025	17:46	PS030455.D	7.30	0.00
HSTDCCC750	HSTDCCC750	06/02/2025	18:10	PS030456.D	7.30	0.00
TP-44	Q2150-01	06/02/2025	19:46	PS030460.D	7.30	0.00
TP-42	Q2150-02	06/02/2025	20:11	PS030461.D	7.30	0.00
TP-39	Q2150-03	06/02/2025	20:35	PS030462.D	7.30	0.00
TP-48	Q2150-04	06/02/2025	20:59	PS030463.D	7.30	0.00
TP-47	Q2150-05	06/02/2025	21:23	PS030464.D	7.30	0.00
IBLK	IBLK	06/02/2025	22:11	PS030466.D	7.30	0.00
HSTDCCC750	HSTDCCC750	06/02/2025	22:35	PS030467.D	7.30	0.00
TP-51	Q2150-07	06/02/2025	22:59	PS030468.D	7.30	0.00
TP-52	Q2150-08	06/02/2025	23:23	PS030469.D	7.30	0.00
TP-54	Q2150-09	06/02/2025	23:47	PS030470.D	7.30	0.00
TP-53	Q2150-10	06/03/2025	00:11	PS030471.D	7.30	0.00
IBLK	IBLK	06/03/2025	00:35	PS030472.D	7.30	0.00
HSTDCCC750	HSTDCCC750	06/03/2025	00:59	PS030473.D	7.30	0.00
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	13:59	PS030482.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/04/2025	14:23	PS030483.D	7.77	0.00
PB168207BL	PB168207BL	06/04/2025	14:47	PS030484.D	7.77	0.00
PB168207BS	PB168207BS	06/04/2025	15:12	PS030485.D	7.77	0.00
IBLK	IBLK	06/04/2025	16:26	PS030488.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/04/2025	16:50	PS030489.D	7.77	0.00
IBLK	IBLK	06/09/2025	17:22	PS030574.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	17:46	PS030575.D	7.77	0.00
TP-3MS	Q2130-01MS	06/09/2025	18:41	PS030577.D	7.77	0.00
TP-3MSD	Q2130-01MSD	06/09/2025	19:05	PS030578.D	7.77	0.00
IBLK	IBLK	06/09/2025	19:29	PS030579.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	19:53	PS030580.D	7.77	0.00
IBLK	IBLK	06/11/2025	08:46	PS030620.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/11/2025	09:10	PS030621.D	7.77	0.00
TP-50	Q2150-06	06/11/2025	10:52	PS030624.D	7.77	0.00

Analytical Sequence

I.BLK	I.BLK	06/11/2025	14:30	PS030629.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/11/2025	15:32	PS030630.D	7.77	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168207BS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2150

SAS No.: Q2150

SDG NO.: Q2150

Lab Sample ID: PB168207BS

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	8.28	8.23	8.33	160	2.5
	2	8.70	8.65	8.75	156	
2,4-D	1	8.51	8.46	8.56	160	1.9
	2	9.03	8.98	9.08	157	
2,4,5-TP(Silvex)	1	9.40	9.35	9.45	165	3.7
	2	9.94	9.89	9.99	159	
2,4,5-T	1	9.70	9.65	9.75	163	2.5
	2	10.37	10.32	10.42	159	
2,4-DB	1	10.28	10.23	10.33	158	0
	2	10.93	10.88	10.98	158	
Dinoseb	1	11.50	11.45	11.55	162	3.8
	2	11.32	11.27	11.37	156	
DICAMBA	1	7.56	7.51	7.61	161	3.8
	2	7.98	7.93	8.03	155	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-3MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150

SAS No.: Q2150 SDG NO.: Q2150

Lab Sample ID: Q2130-01MS

Date(s) Analyzed: 06/09/2025 06/09/2025

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		
2,4,5-T	1	9.69	9.64	9.74	79.9	2.8
	2	10.36	10.31	10.41	82.2	
2,4,5-TP(Silvex)	1	9.39	9.34	9.44	88.2	5.2
	2	9.94	9.89	9.99	92.9	
2,4-D	1	8.50	8.45	8.55	99.5	16.1
	2	9.03	8.98	9.08	84.7	
2,4-DB	1	10.27	10.22	10.32	46.7	46.6
	2	10.93	10.88	10.98	75.1	
DICHLORPROP	1	8.27	8.22	8.32	93.1	1.7
	2	8.69	8.64	8.74	91.5	
Dinoseb	1	11.49	11.44	11.54	16.3	21.9
	2	11.32	11.27	11.37	20.3	
DICAMBA	1	7.55	7.50	7.60	82.9	5.7
	2	7.97	7.92	8.02	78.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-3MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2150

SAS No.: Q2150 SDG NO.: Q2150

Lab Sample ID: Q2130-01MSD

Date(s) Analyzed: 06/09/2025 06/09/2025

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	92.4	1.4
	2	8.69	8.64	8.74	91.1	
2,4-D	1	8.50	8.45	8.55	99.3	4.8
	2	9.03	8.98	9.08	94.6	
2,4,5-TP(Silvex)	1	9.39	9.34	9.44	87.6	4.9
	2	9.93	9.88	9.98	92.0	
2,4,5-T	1	9.69	9.64	9.74	80.3	1.6
	2	10.36	10.31	10.41	81.6	
2,4-DB	1	10.27	10.22	10.32	44.9	49.7
	2	10.93	10.88	10.98	74.6	
Dinoseb	1	11.49	11.44	11.54	16.3	20.9
	2	11.32	11.27	11.37	20.1	
DICAMBA	1	7.55	7.50	7.60	82.5	5.5
	2	7.97	7.92	8.02	78.1	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 19:46
 Operator : AR\AJ
 Sample : Q2150-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-44

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:23:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.301	702.9E6	212.0E6	173.460	166.617m
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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\PS060225\
Data File : PS030460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 19:46
Operator : AR\AJ
Sample : Q2150-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

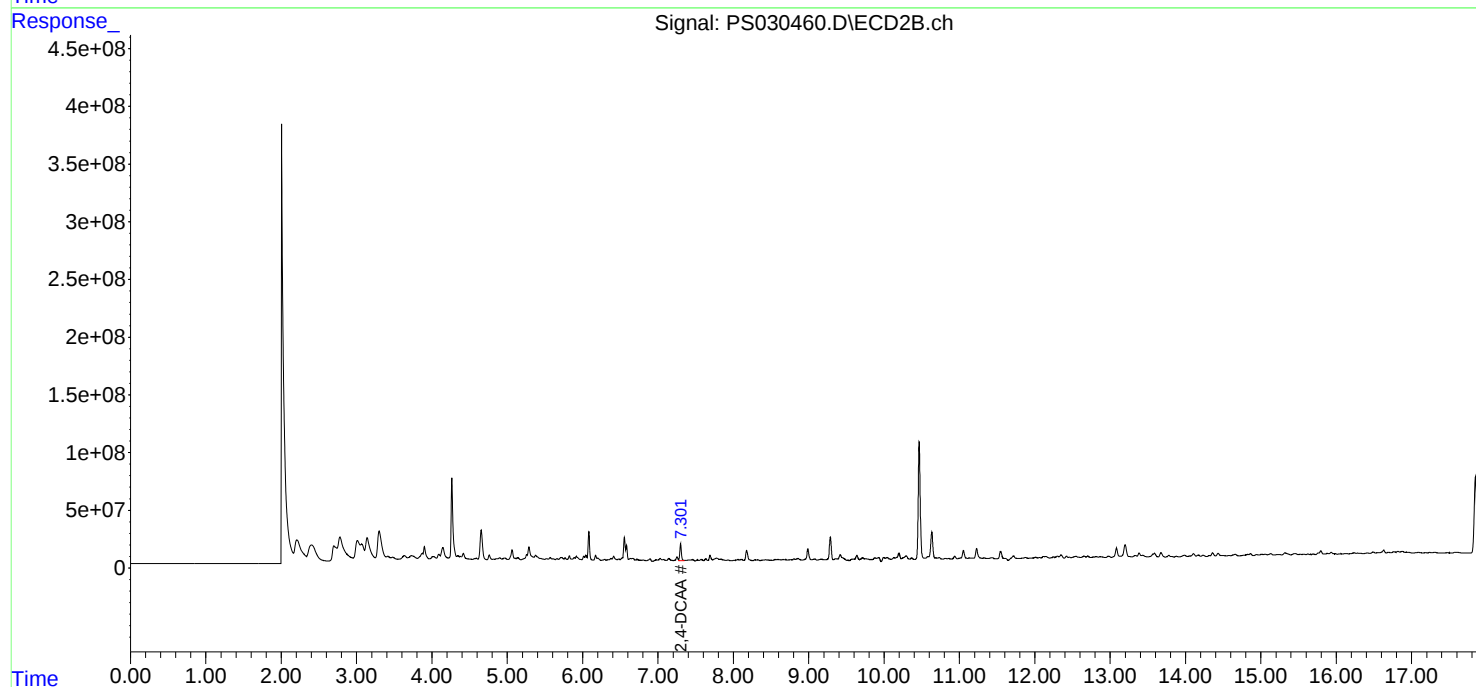
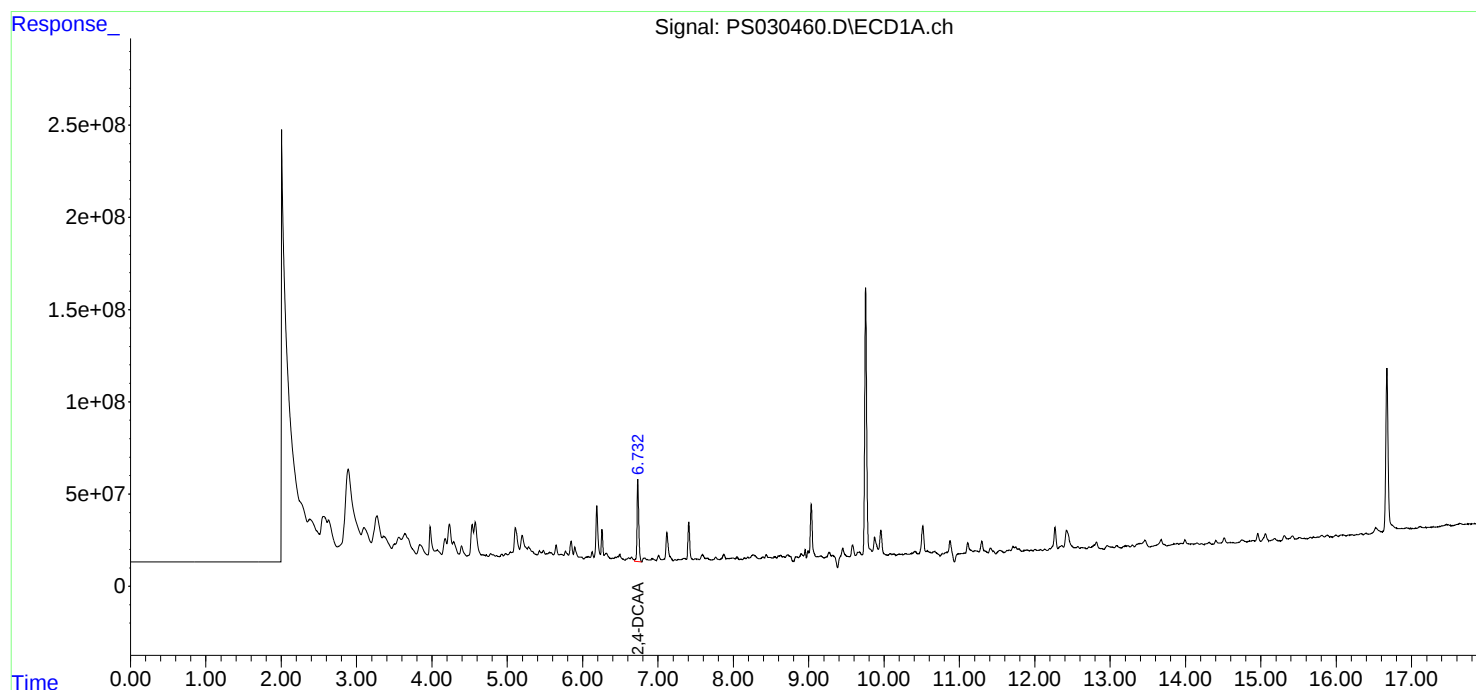
Instrument :
ECD_S
ClientSampleId :
TP-44

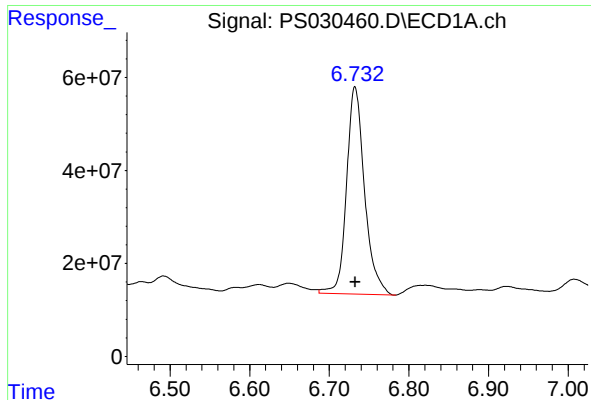
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/03/2025
Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:23:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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





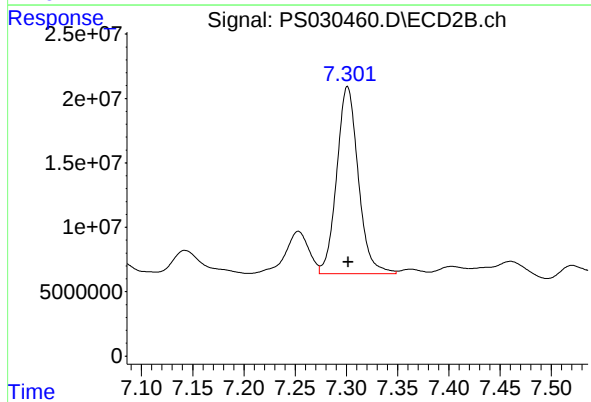
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 702933720
Conc: 173.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-44

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: -0.001 min
Response: 212014695
Conc: 166.62 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 20:11
 Operator : AR\AJ
 Sample : Q2150-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-42

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:24:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.300	1116.2E6	356.8E6	275.451	280.439m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 20:11
Operator : AR\AJ
Sample : Q2150-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

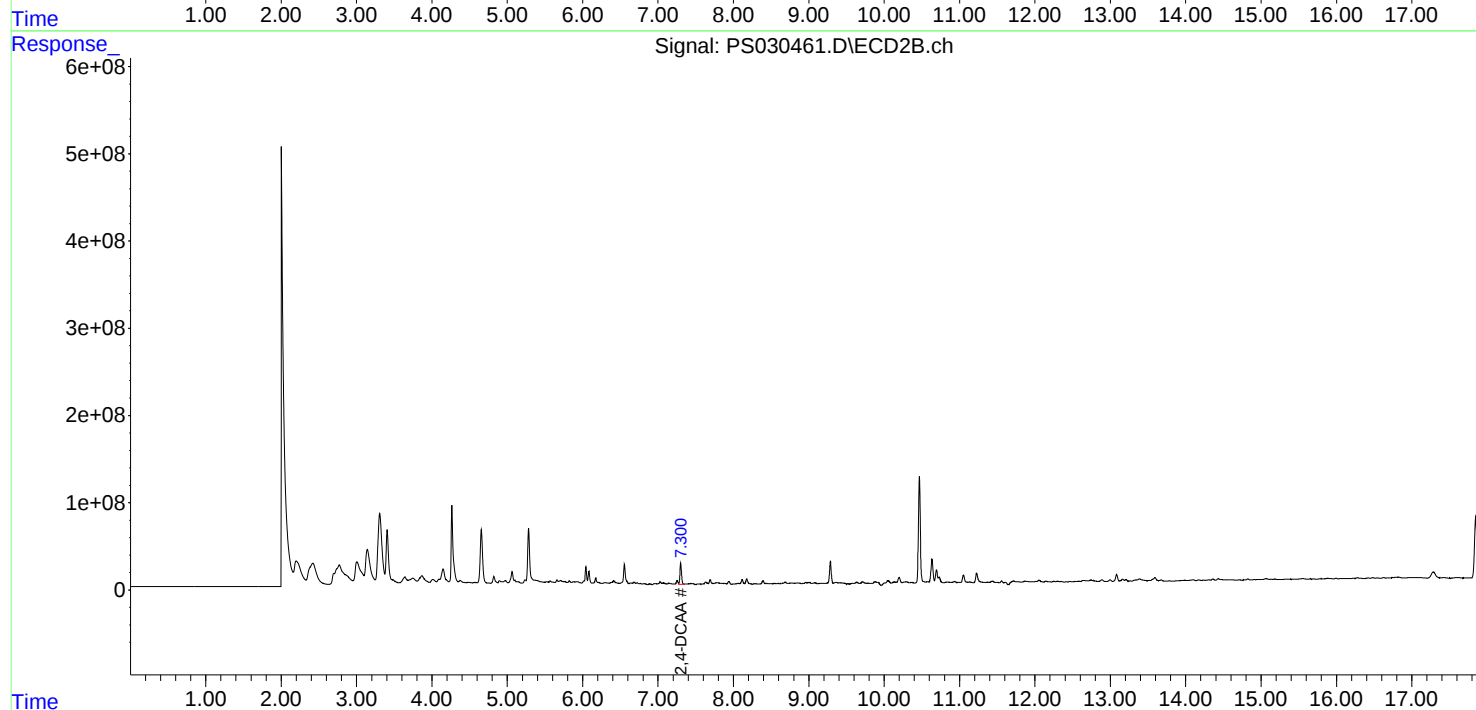
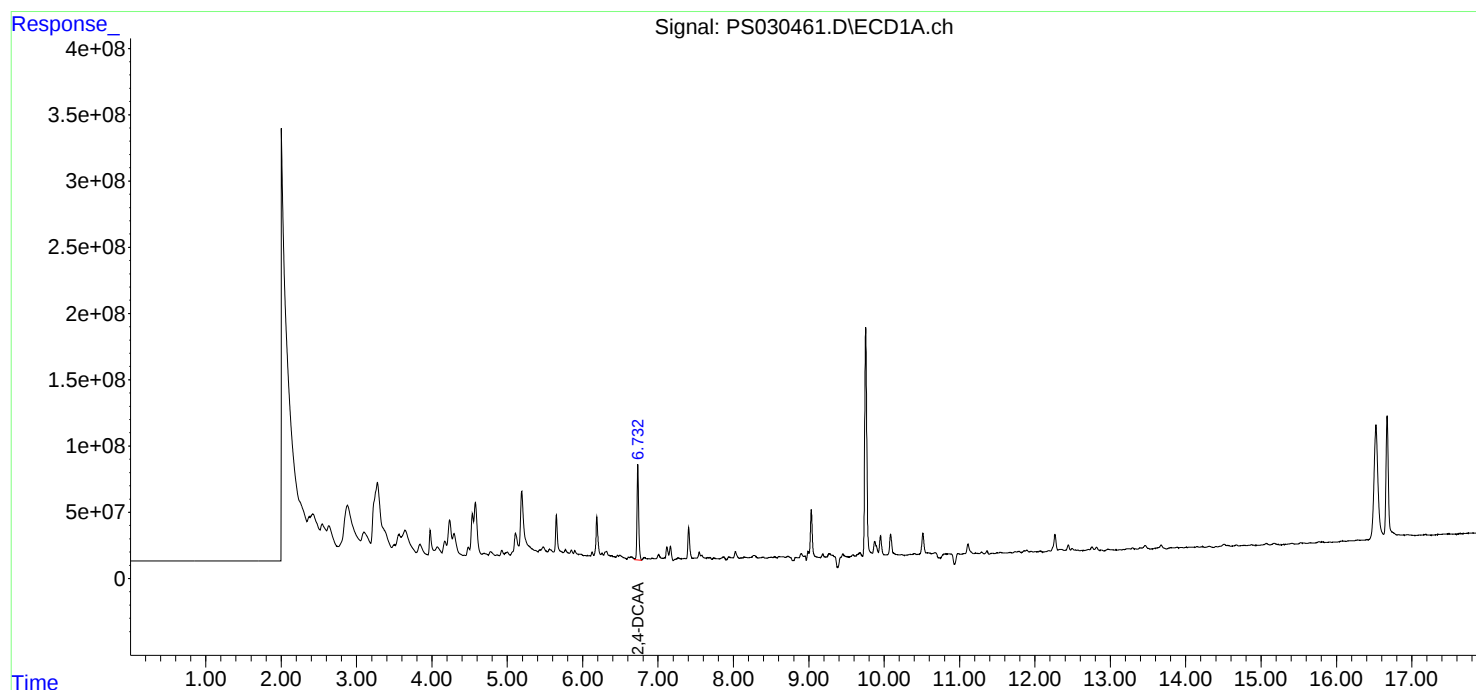
Instrument :
ECD_S
ClientSampleId :
TP-42

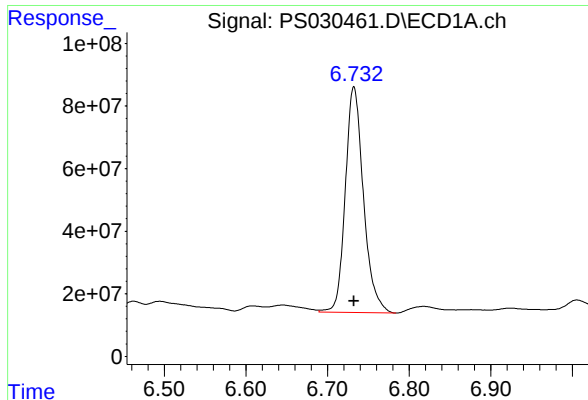
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/03/2025
Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:24:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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





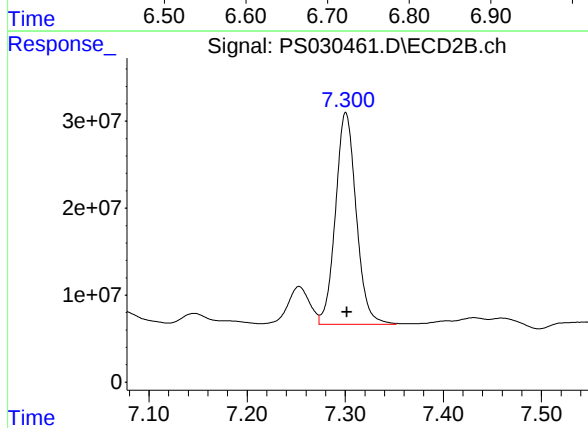
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1116245704
Conc: 275.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-42

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



#4 2,4-DCAA

R.T.: 7.300 min
Delta R.T.: -0.002 min
Response: 356848908
Conc: 280.44 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 20:35
 Operator : AR\AJ
 Sample : Q2150-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-39

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 03 03:24:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.301	1083.2E6	324.7E6	267.301	255.135

Target Compounds

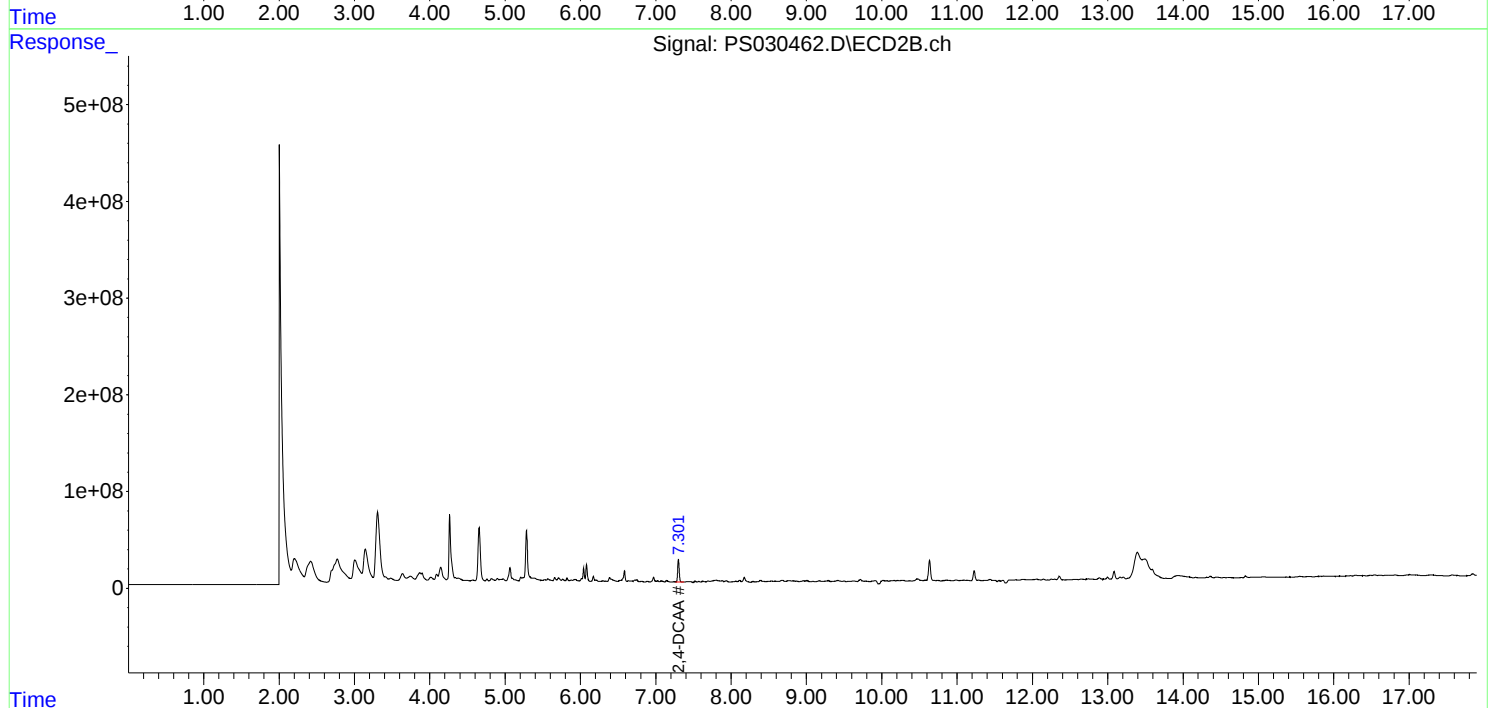
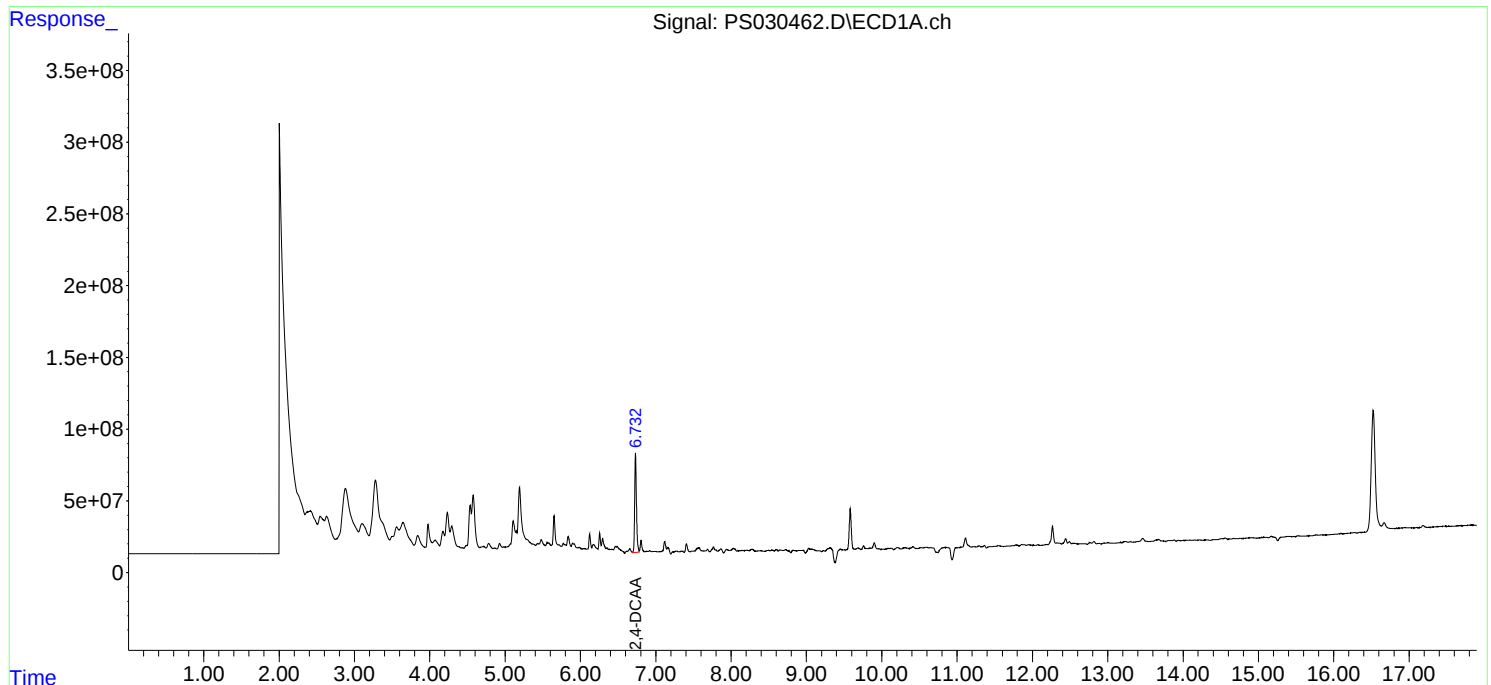
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

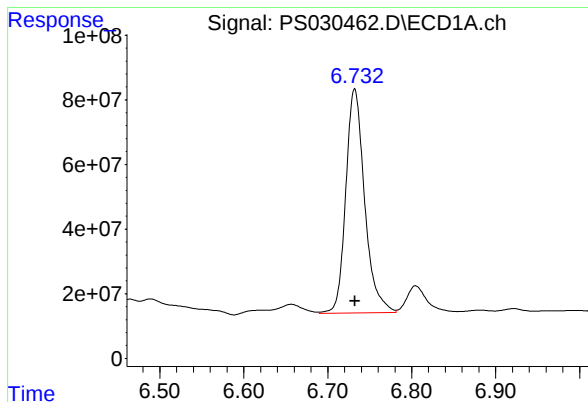
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 20:35
Operator : AR\AJ
Sample : Q2150-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-39

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:24:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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.: 6.732 min

Delta R.T.: 0.000 min

Response: 1083215453

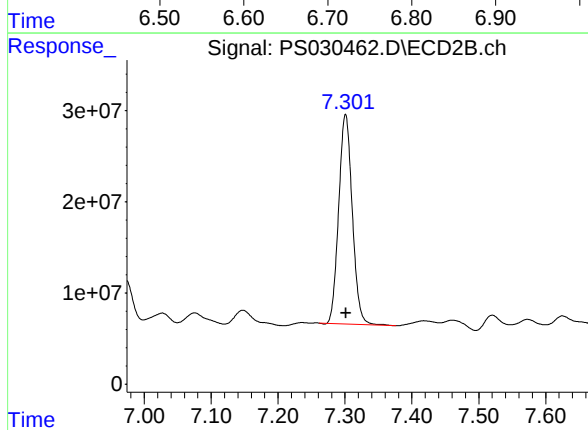
Conc: 267.30 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-39



#4 2,4-DCAA

R.T.: 7.301 min

Delta R.T.: 0.000 min

Response: 324650374

Conc: 255.14 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 20:59
 Operator : AR\AJ
 Sample : Q2150-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-48

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:25:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.300	970.2E6	280.7E6	239.402	220.573
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Target Compounds

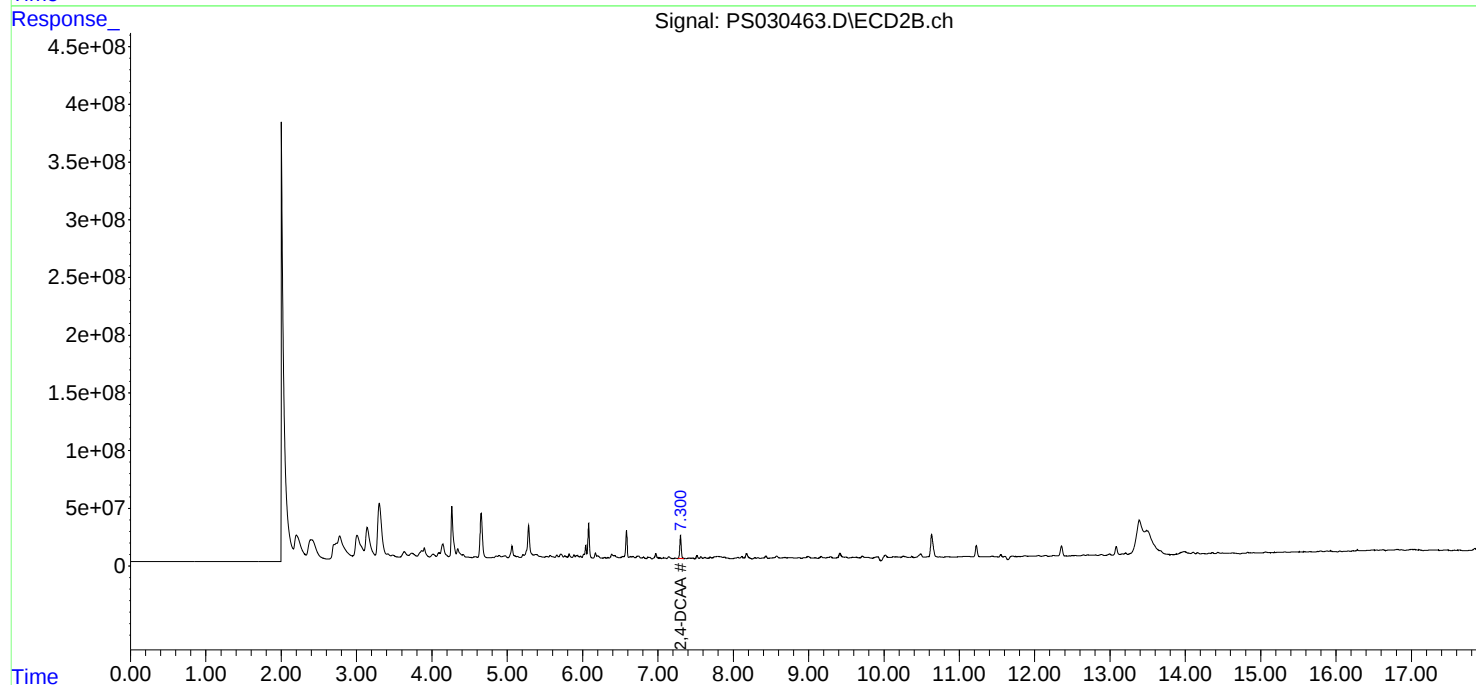
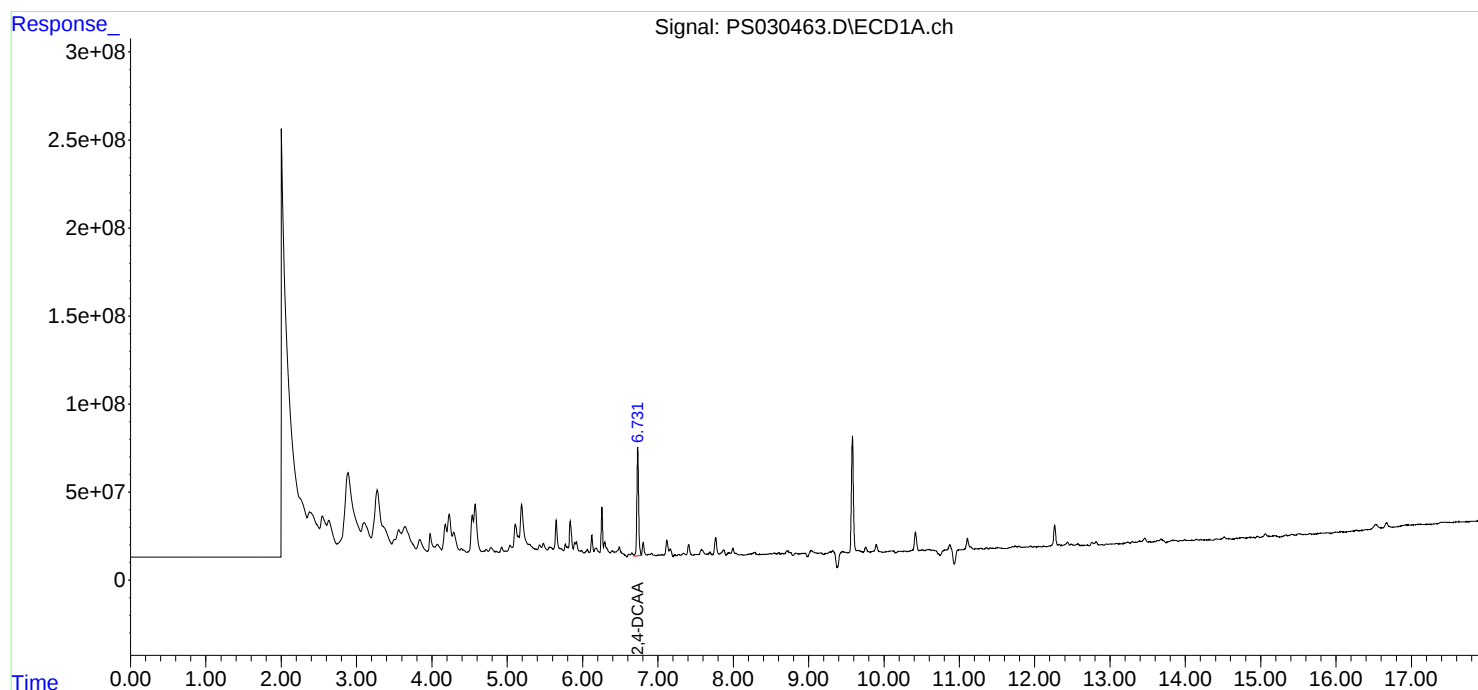
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

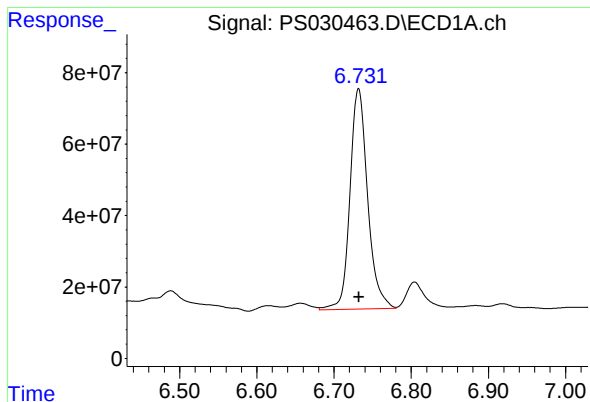
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 20:59
Operator : AR\AJ
Sample : Q2150-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-48

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:25:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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.: 6.732 min

Delta R.T.: 0.000 min

Response: 970158097

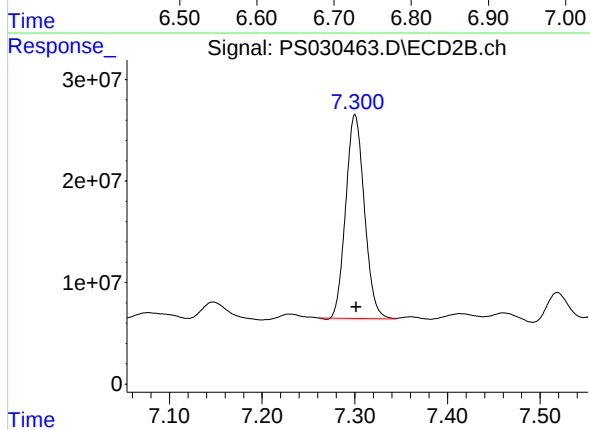
Conc: 239.40 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-48



#4 2,4-DCAA

R.T.: 7.300 min

Delta R.T.: -0.001 min

Response: 280671448

Conc: 220.57 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 21:23
 Operator : AR\AJ
 Sample : Q2150-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-47

A
B
C
D
E
F
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H
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J
K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:25:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.301	1029.6E6	301.5E6	254.064	236.950

Target Compounds

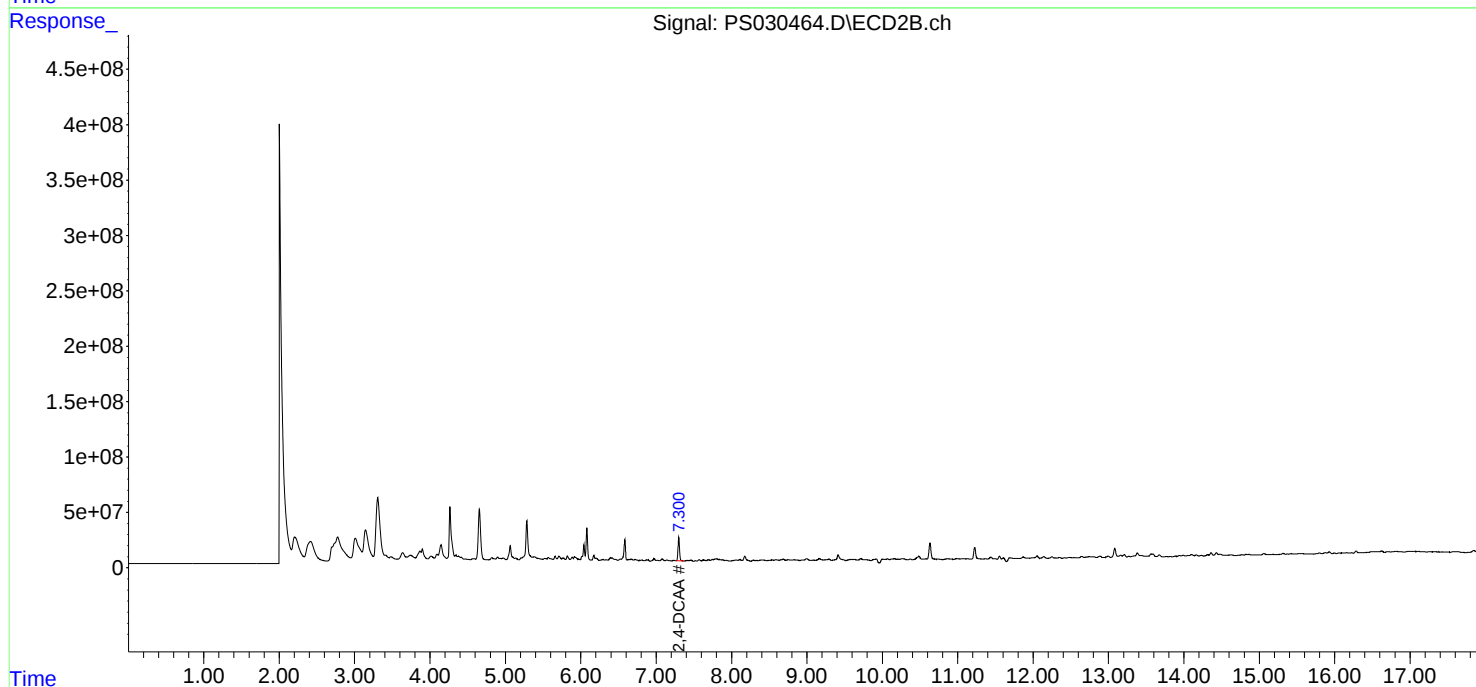
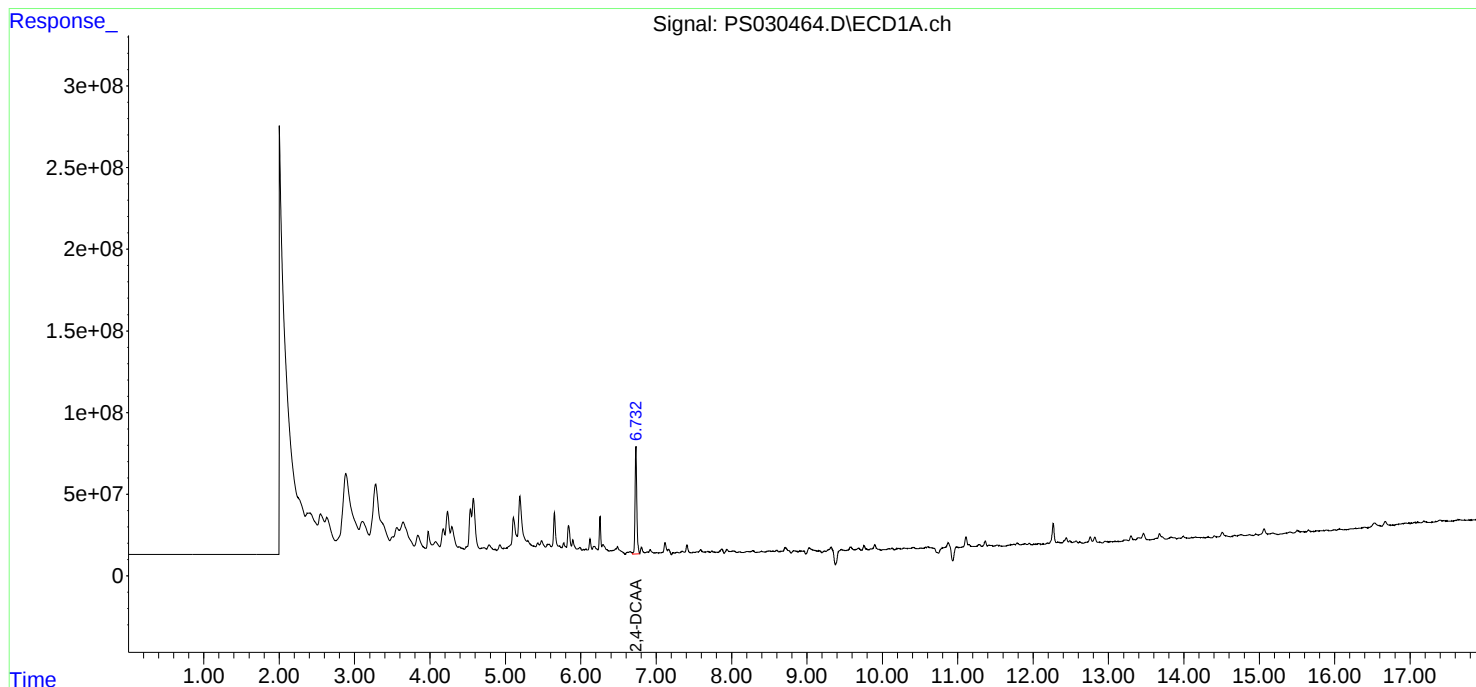
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

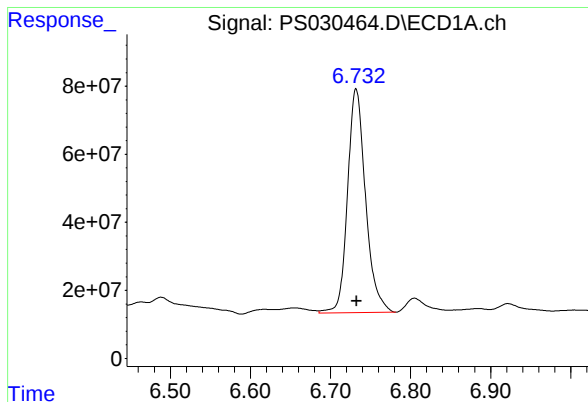
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 21:23
Operator : AR\AJ
Sample : Q2150-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-47

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:25:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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.: 6.732 min

Delta R.T.: 0.000 min

Response: 1029573155

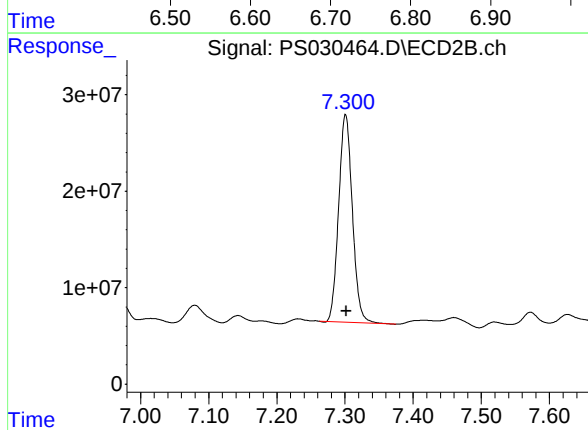
Conc: 254.06 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-47



#4 2,4-DCAA

R.T.: 7.301 min

Delta R.T.: 0.000 min

Response: 301510415

Conc: 236.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
 Data File : PS030624.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 10:52
 Operator : AR\AJ
 Sample : Q2150-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-50

A
B
C
D
E
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G
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K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 02:04:27 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	7.357	7.767	2039.9E6	642.1E6	540.349	597.006

Target Compounds

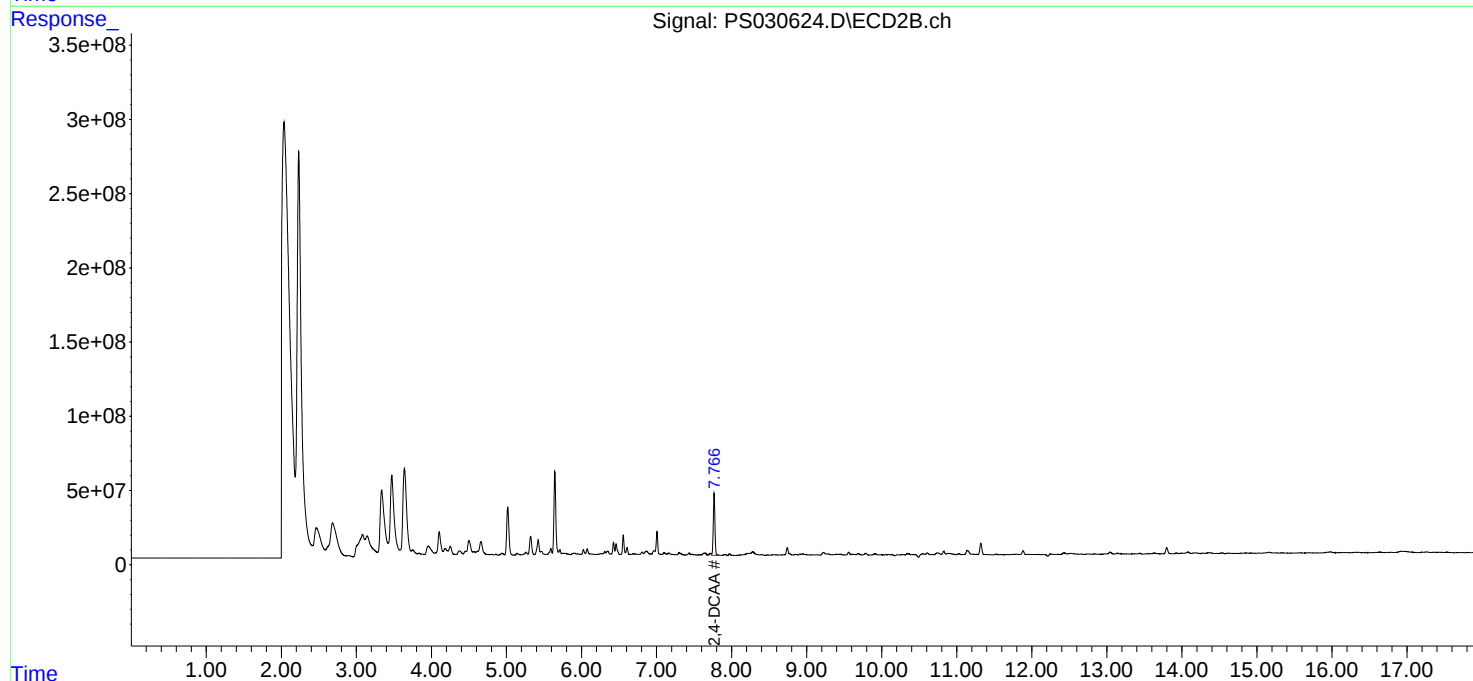
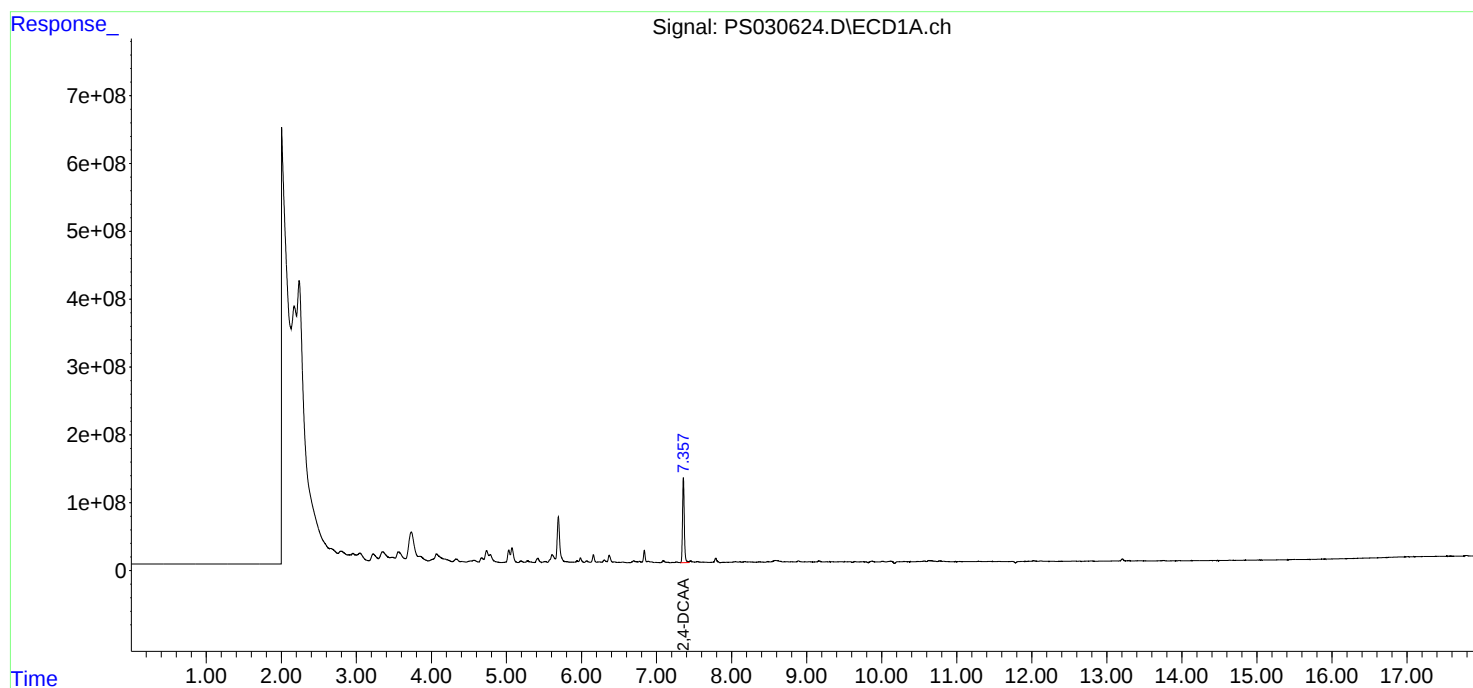
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030624.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:52
Operator : AR\AJ
Sample : Q2150-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-50

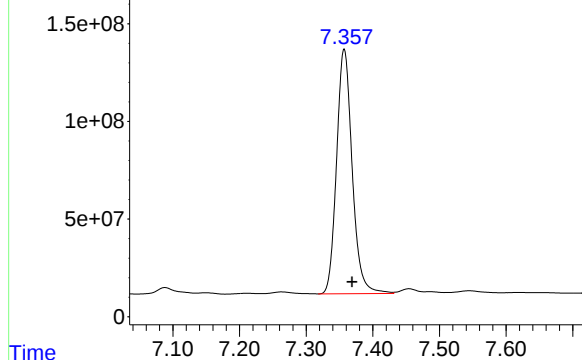
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 02:04:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: PS030624.D\ECD1A.ch

#4 2,4-DCAA

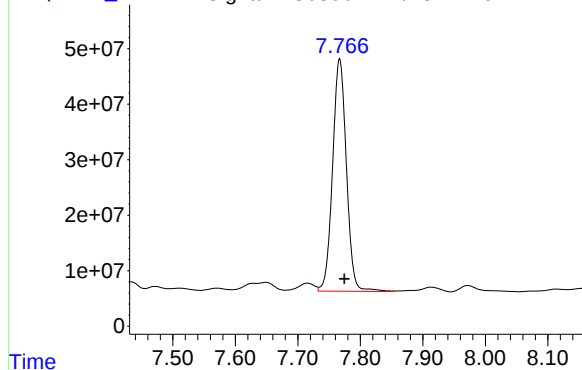


R.T.: 7.357 min
Delta R.T.: -0.012 min
Response: 2039894231
Conc: 540.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-50

Signal: PS030624.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 642145277
Conc: 597.01 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030468.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 22:59
 Operator : AR\AJ
 Sample : Q2150-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-51

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 03 03:26:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.300	1002.3E6	311.1E6	247.338	244.448
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Target Compounds

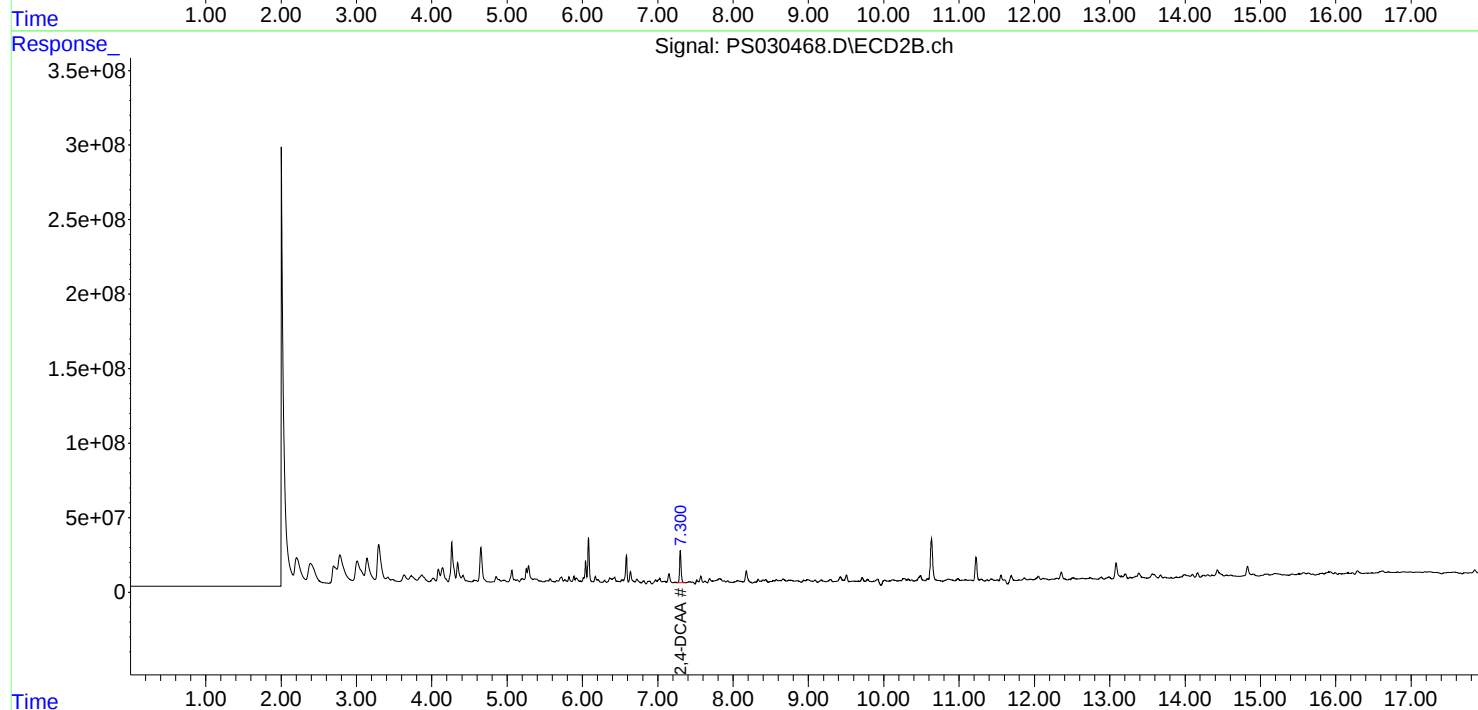
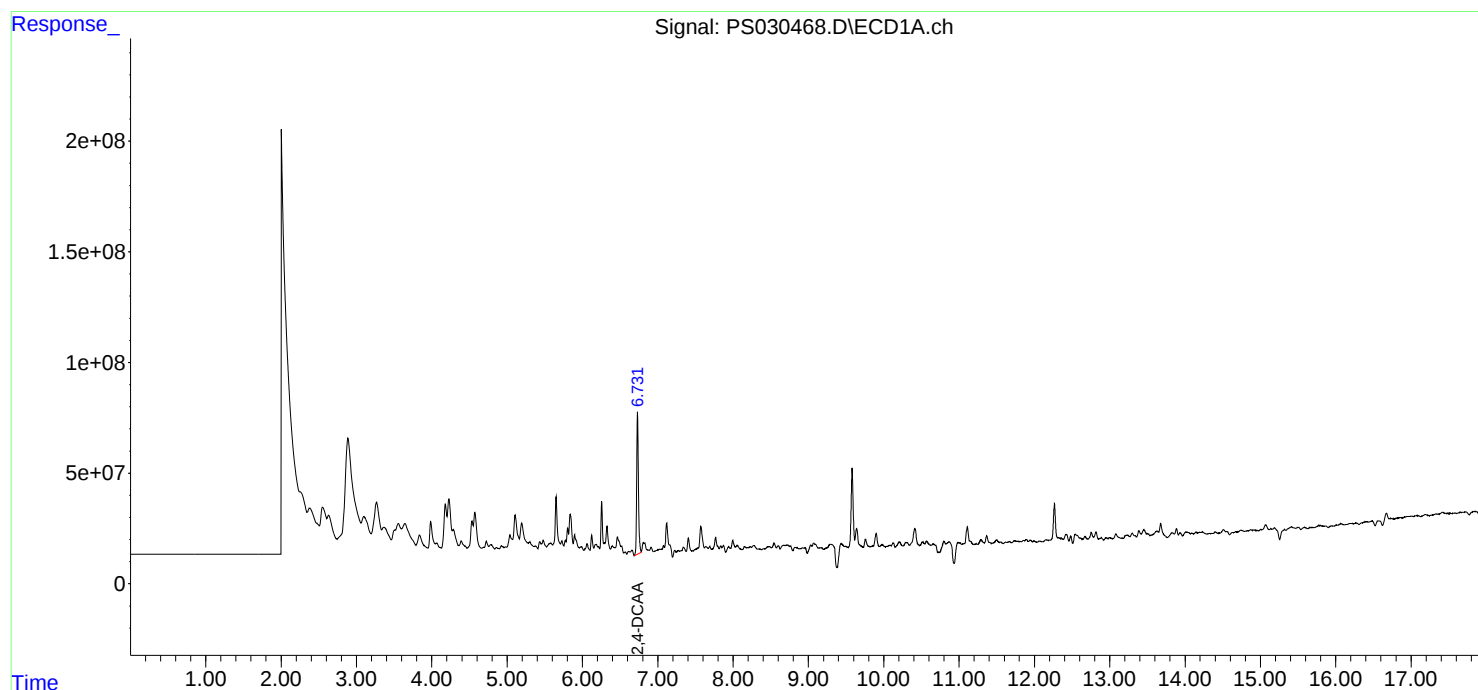
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

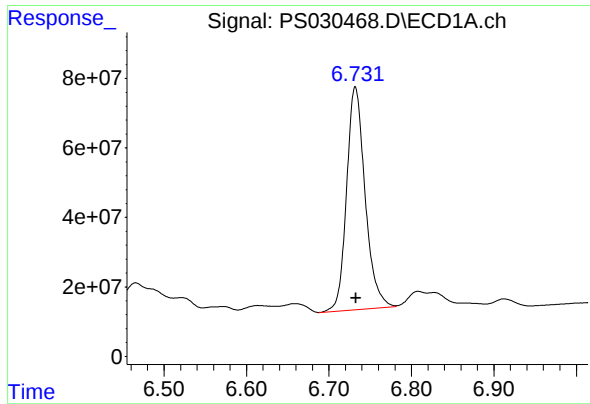
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 22:59
Operator : AR\AJ
Sample : Q2150-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-51

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:26:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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.: 6.732 min

Delta R.T.: 0.000 min

Response: 1002316776

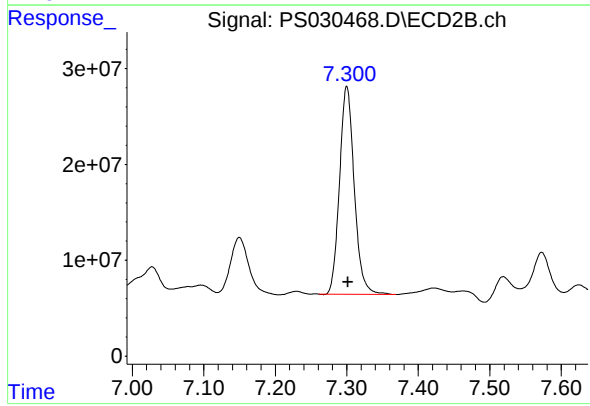
Conc: 247.34 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-51



#4 2,4-DCAA

R.T.: 7.300 min

Delta R.T.: -0.002 min

Response: 311050844

Conc: 244.45 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 23:23
 Operator : AR\AJ
 Sample : Q2150-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-52

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:26:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.300	699.7E6	209.3E6	172.668	164.511m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 23:23
Operator : AR\AJ
Sample : Q2150-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

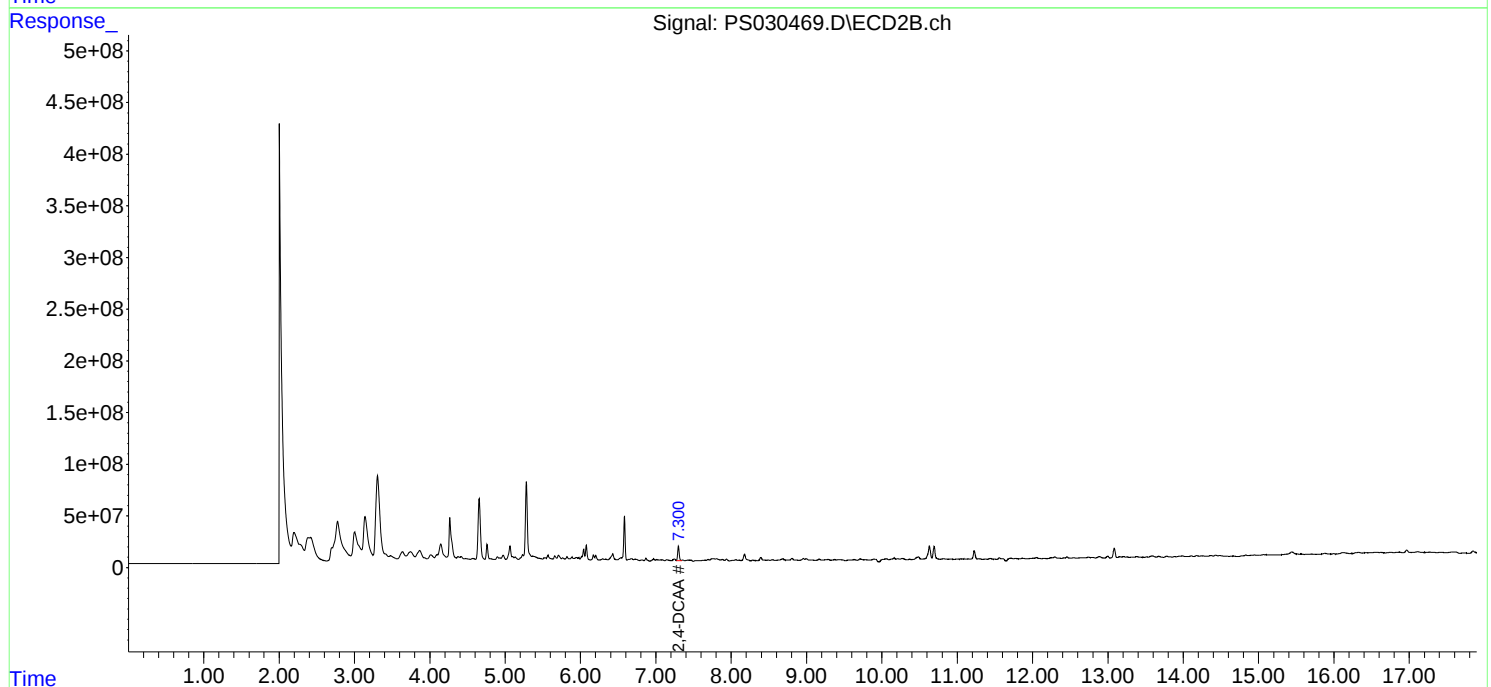
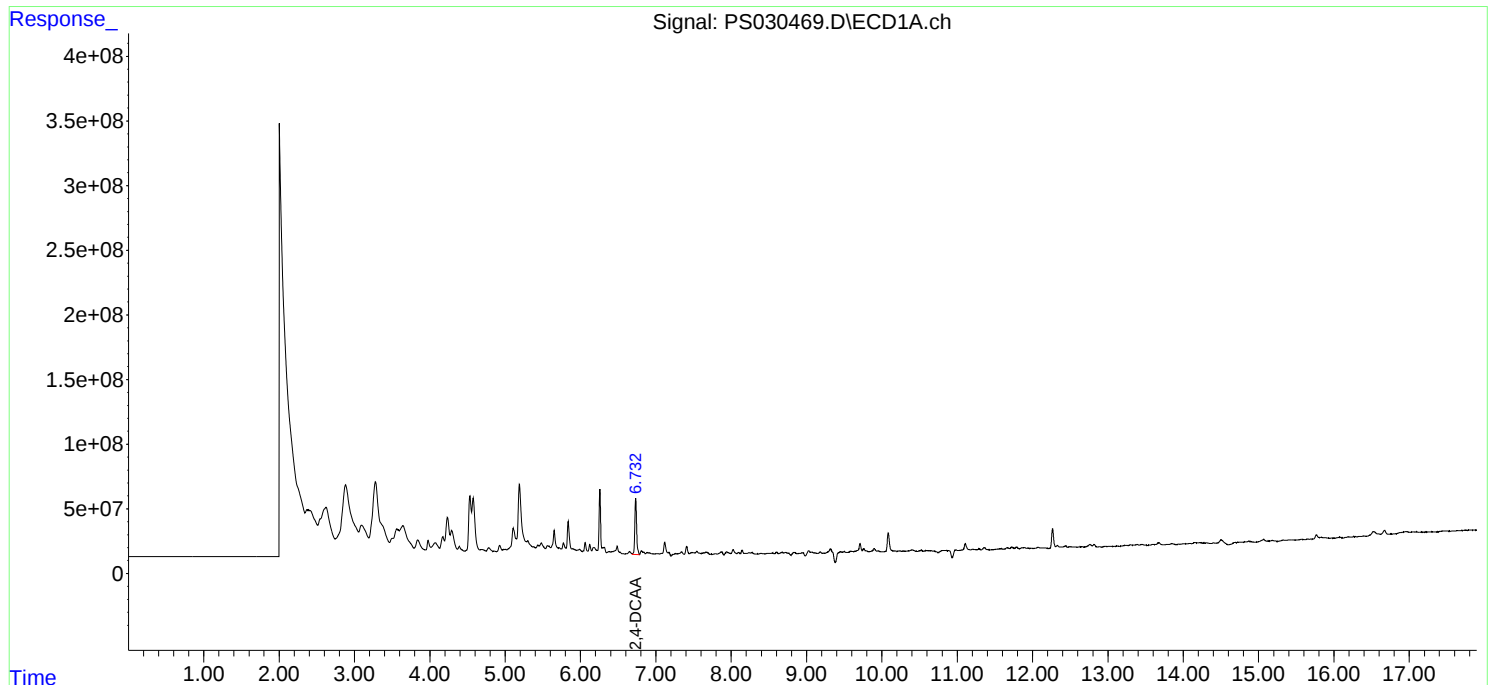
Instrument :
ECD_S
ClientSampleId :
TP-52

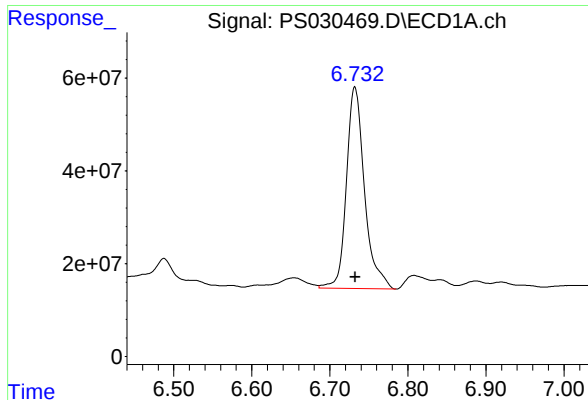
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/03/2025
Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:26:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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





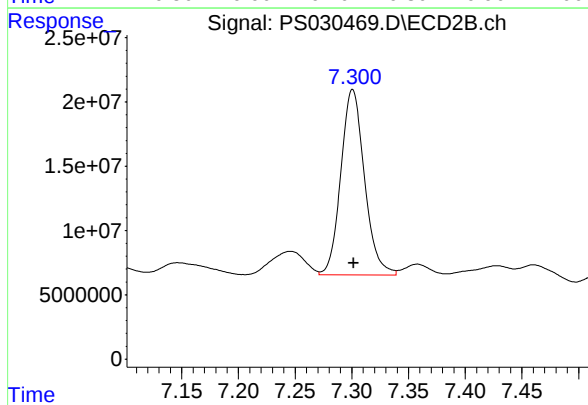
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 699723263
Conc: 172.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-52

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



#4 2,4-DCAA

R.T.: 7.300 min
Delta R.T.: -0.002 min
Response: 209334069
Conc: 164.51 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 23:47
 Operator : AR\AJ
 Sample : Q2150-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-54

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:27:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.300	1340.6E6	406.8E6	330.814	319.680
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Target Compounds

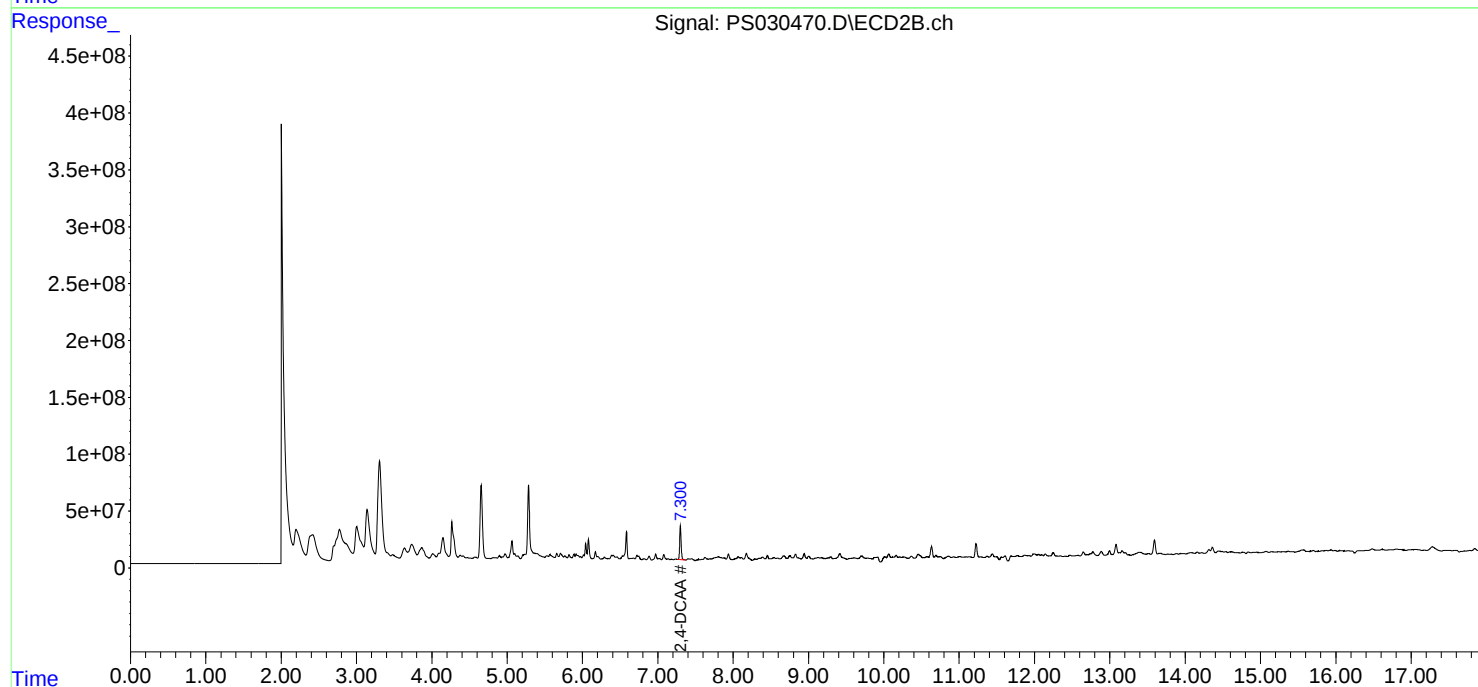
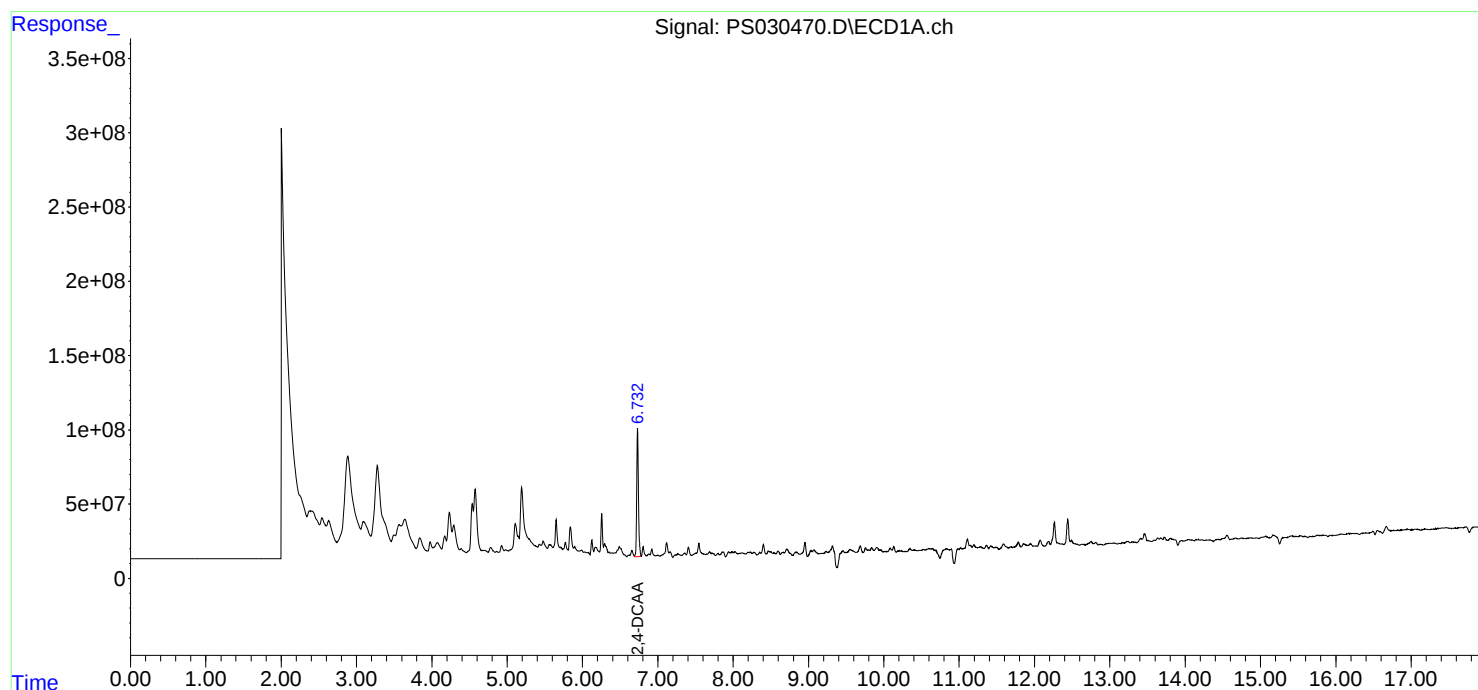
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

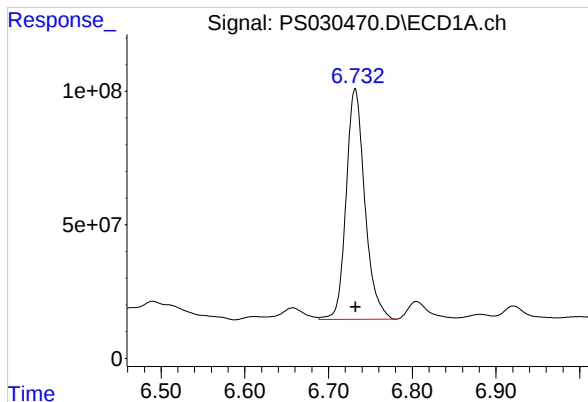
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 23:47
Operator : AR\AJ
Sample : Q2150-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-54

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:27:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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.: 6.732 min

Delta R.T.: 0.000 min

Response: 1340597505

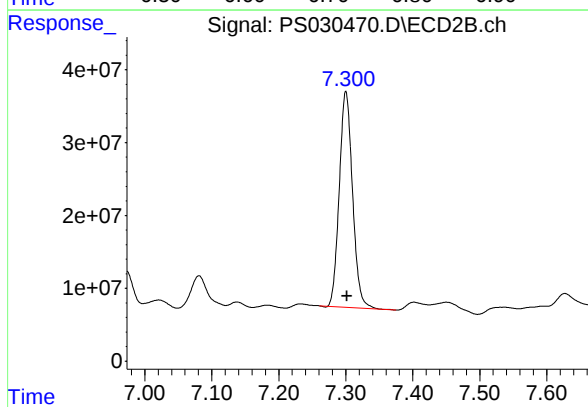
Conc: 330.81 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-54



#4 2,4-DCAA

R.T.: 7.300 min

Delta R.T.: -0.001 min

Response: 406781267

Conc: 319.68 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 00:11
Operator : AR\AJ
Sample : Q2150-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-53

A
B
C
D
E
F
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H
I
J
K
L

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:27:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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	6.732	7.301	1183.2E6	363.1E6	291.978	285.361
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Target Compounds

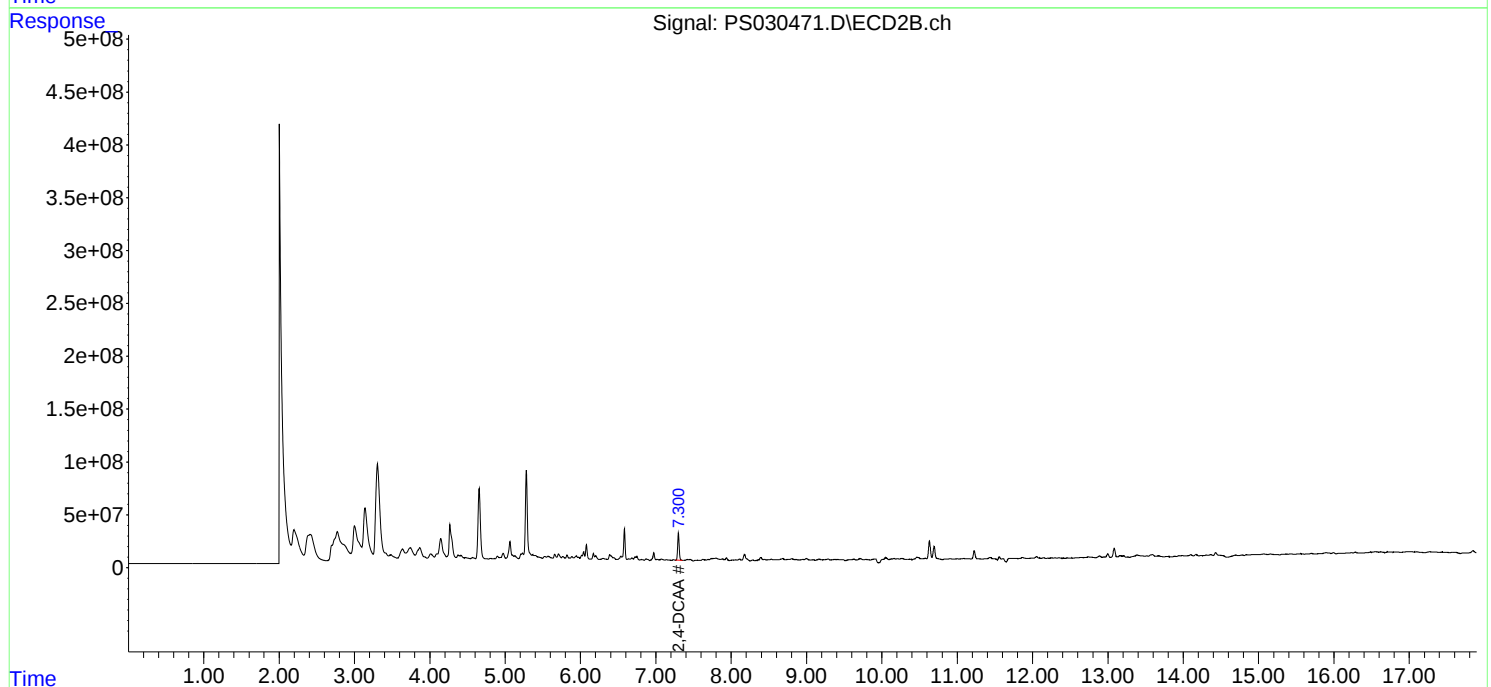
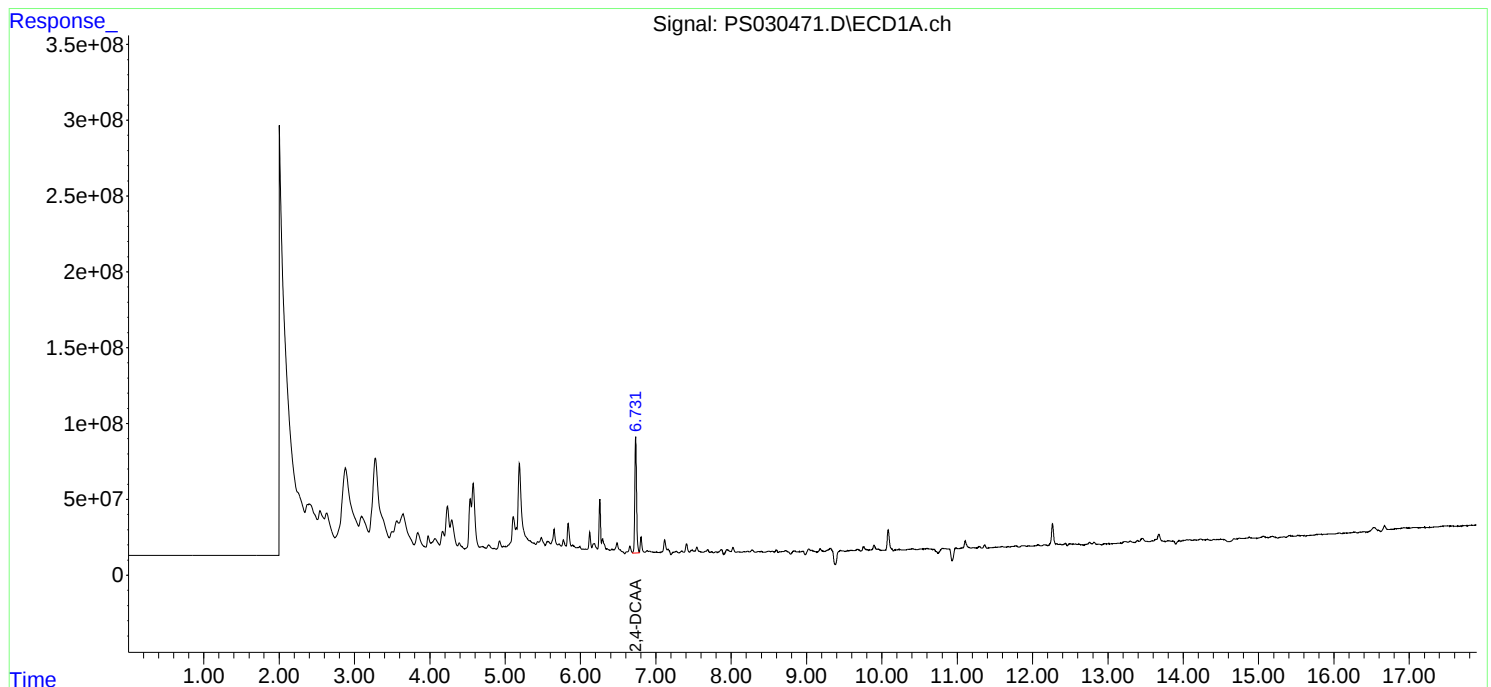
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

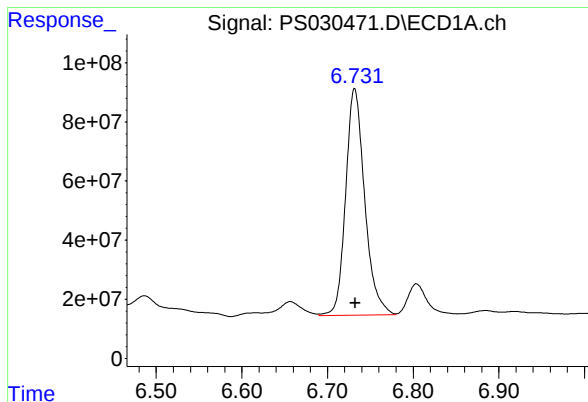
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 00:11
Operator : AR\AJ
Sample : Q2150-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-53

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:27:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 12:26:05 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

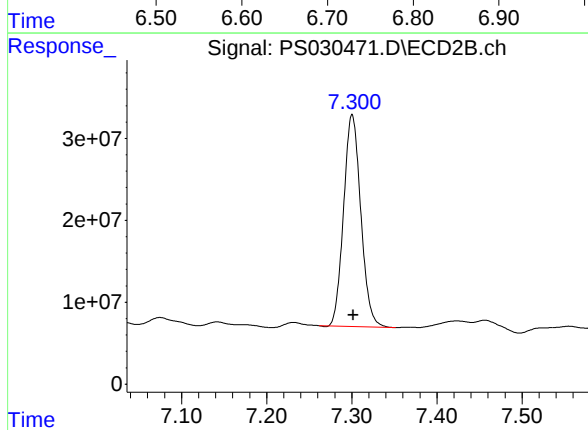




#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1183218503
Conc: 291.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-53



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: -0.001 min
Response: 363111510
Conc: 285.36 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 14:47
 Operator : AR\AJ
 Sample : PB168207BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168207BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 15:10:08 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	7.367	7.772	1644.9E6	462.4E6	435.731	429.872
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Target Compounds

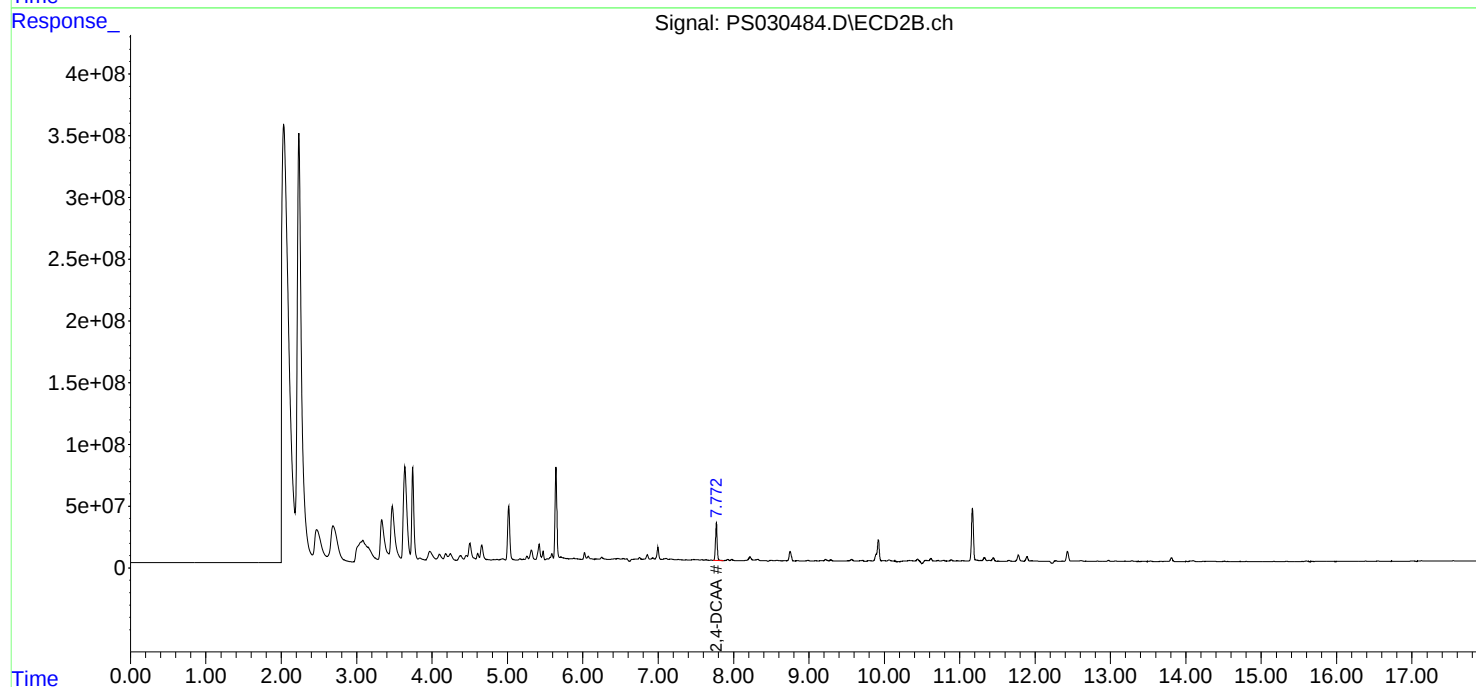
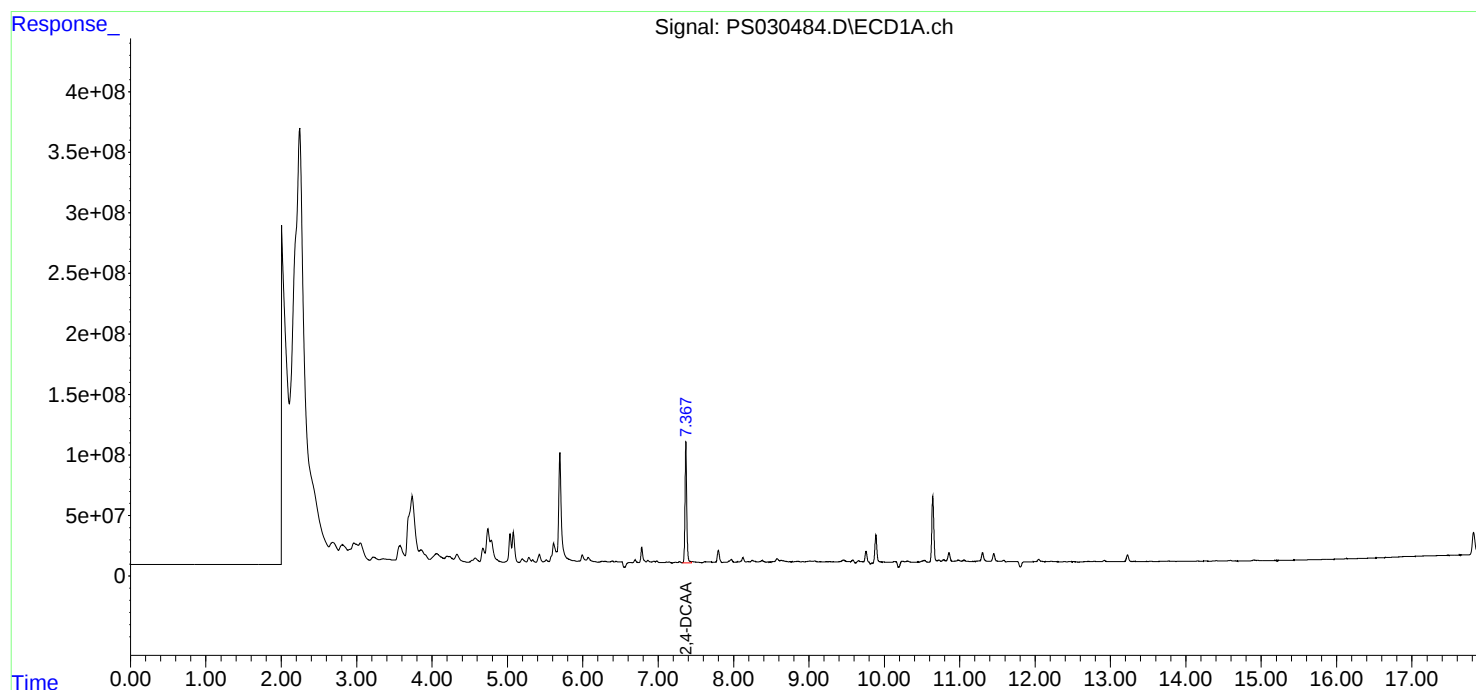
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

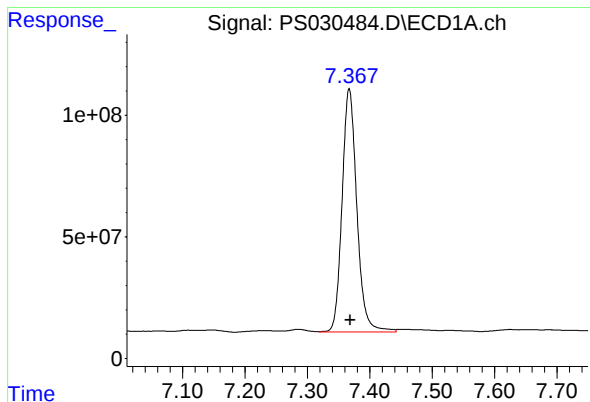
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 14:47
Operator : AR\AJ
Sample : PB168207BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168207BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 15:10:08 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

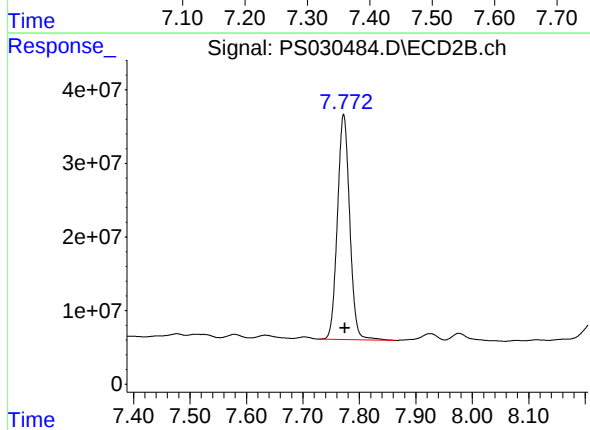




#4 2,4-DCAA

R.T.: 7.367 min
Delta R.T.: -0.002 min
Response: 1644946887
Conc: 435.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168207BL



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 462375075
Conc: 429.87 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 15:12
 Operator : AR\AJ
 Sample : PB168207BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168207BS

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 04 15:43:54 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	7.367	7.773	1989.2E6	530.4E6	526.930m	493.135
Target Compounds							
1) T	Dalapon	2.715	2.712	2611.4E6	1233.4E6	462.447	450.146
2) T	3,5-DICHL...	6.523	6.716	2601.5E6	725.3E6	479.414	463.662
3) T	4-Nitroph...	7.166	7.303	848.5E6	701.4E6	462.728	447.564
5) T	DICAMBA	7.559	7.977	7469.4E6	2992.9E6	484.318	464.621
6) T	MCP	7.741	8.075	450.3E6	107.1E6	45.461	46.328
7) T	MCPA	7.891	8.323	574.5E6	145.6E6	45.275	47.179m
8) T	DICHLORPROP	8.276	8.697	1746.1E6	695.8E6	479.936	468.776
9) T	2,4-D	8.509	9.033	1755.0E6	740.0E6	481.678	470.641
10) T	Pentachlo...	8.818	9.560	26971.2E6	17602.3E6	531.073	487.086
11) T	2,4,5-TP ...	9.400	9.940	10265.9E6	6543.0E6	496.776	477.011
12) T	2,4,5-T	9.696	10.367	9024.1E6	6223.0E6	489.616	476.596
13) T	2,4-DB	10.276	10.934	1442.1E6	544.7E6	474.944	473.798
14) T	DINOSEB	11.498	11.320	7002.9E6	4709.6E6	487.164	468.610
15) T	Picloram	11.303	12.428	8978.6E6	9976.2E6	448.822	451.741
16) T	DCPA	11.793	12.365	13352.2E6	9882.0E6	504.998	482.922

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 15:12
Operator : AR\AJ
Sample : PB168207BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168207BS

Manual Integrations

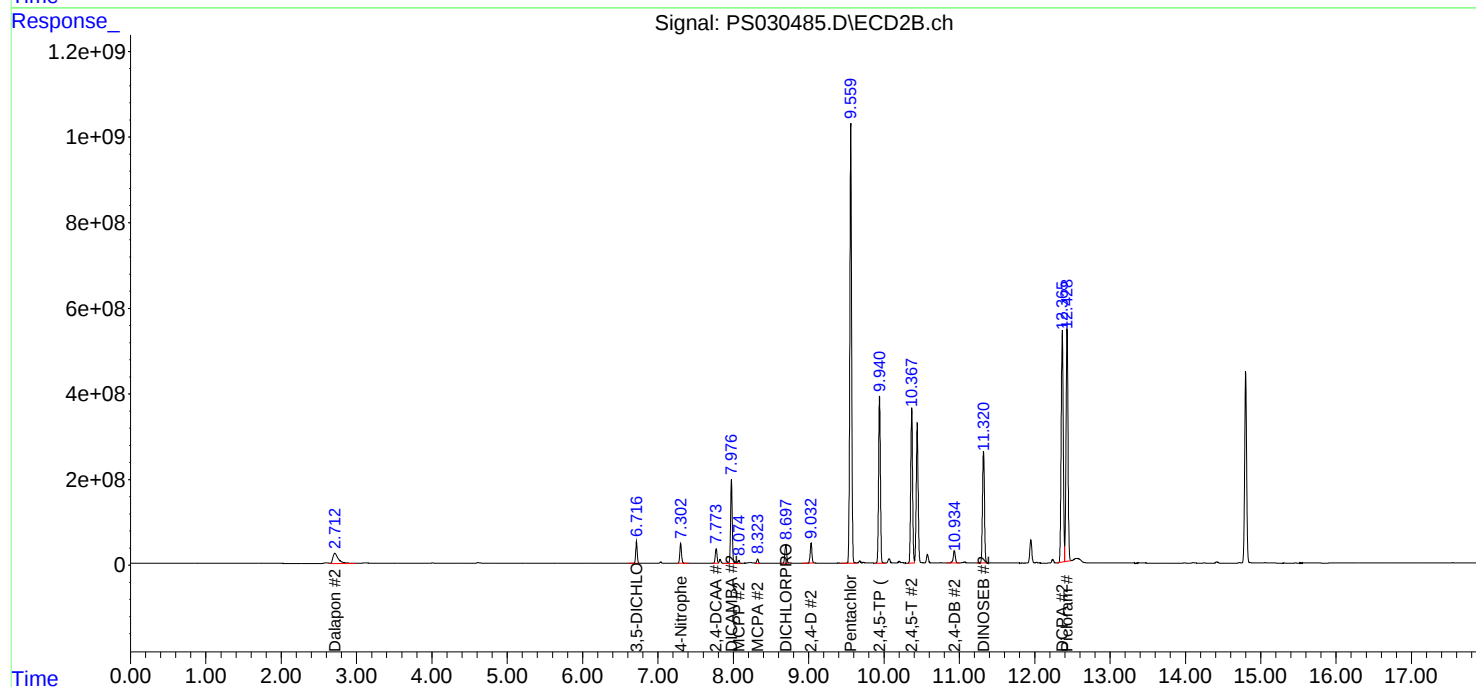
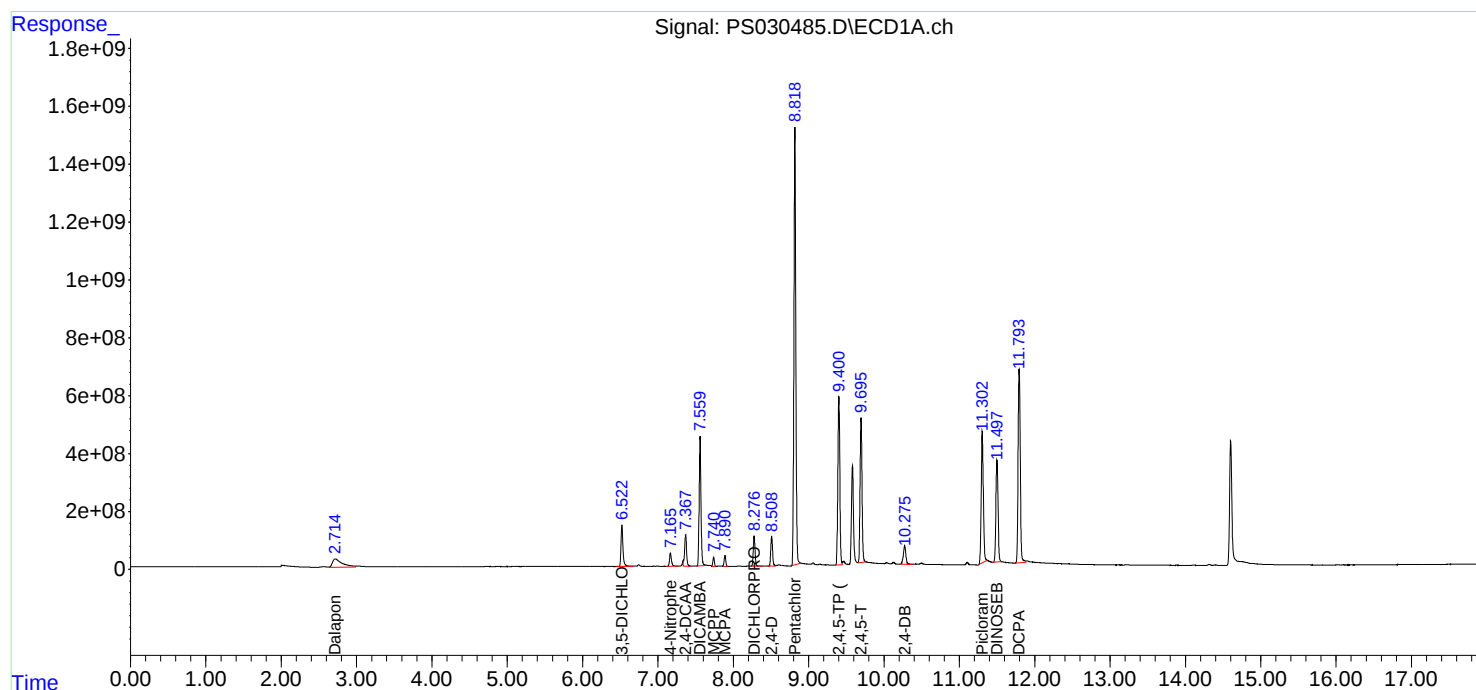
APPROVED

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 04 15:43:54 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\PS060925\
 Data File : PS030577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 18:41
 Operator : AR\AJ
 Sample : Q2130-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP-3MS

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:56:02 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	7.360	7.768	951.2E6	226.3E6	251.970	210.389m
Target Compounds							
1) T	Dalapon	2.706	2.701	423.4E6	1701.5E6	74.973m	621.000 #
2) T	3,5-DICHL...	6.518	6.713	1294.6E6	365.4E6	238.585	233.579m
3) T	4-Nitroph...	7.159	7.300	376.7E6	334.8E6	205.446	213.611
5) T	DICAMBA	7.551	7.972	3465.6E6	1367.5E6	224.711	212.292m
6) T	MCPD	7.730	8.069	172.3E6	37292474	17.395m	16.133
7) T	MCPA	7.881	8.315	242.8E6	63050131	19.137	20.432m
8) T	DICHLORPROP	8.267	8.692	918.7E6	368.2E6	252.512	248.064
9) T	2,4-D	8.499	9.028	983.1E6	361.0E6	269.802	229.588
10) T	Pentachlo...	8.808	9.554	12803.2E6	8135.5E6	252.099	225.122
11) T	2,4,5-TP ...	9.390	9.935	4944.6E6	3455.9E6	239.273	251.945
12) T	2,4,5-T	9.685	10.360	3991.6E6	2908.9E6	216.570	222.786
13) T	2,4-DB	10.265	10.927	384.8E6	234.1E6	126.719m	203.640 #
14) T	DINOSEB	11.486	11.315	637.2E6	553.2E6	44.326	55.045
15) T	Picloram	11.291	12.422	3268.1E6	3660.6E6	163.367m	165.760m
16) T	DCPA	11.780	12.358	4928.4E6	4615.7E6	186.400	225.564m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 18:41
Operator : AR\AJ
Sample : Q2130-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP-3MS

Manual Integrations

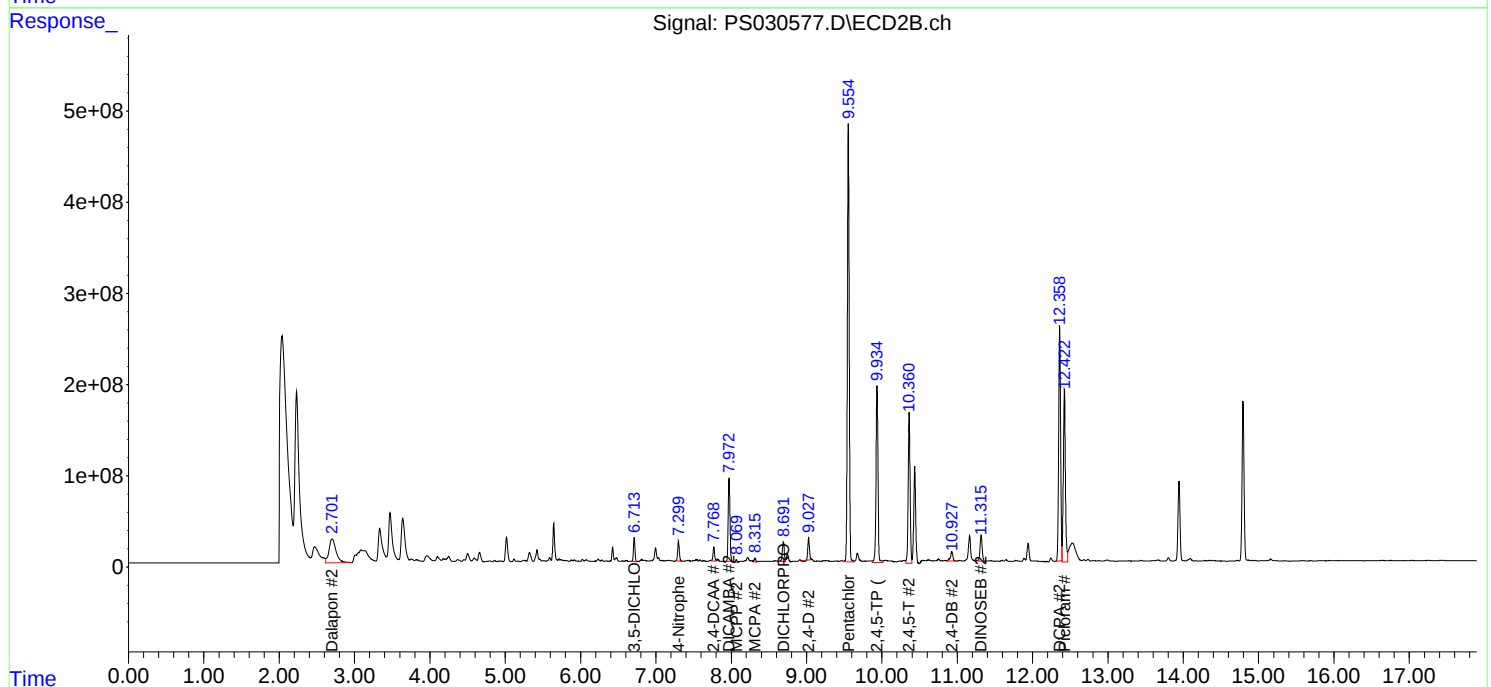
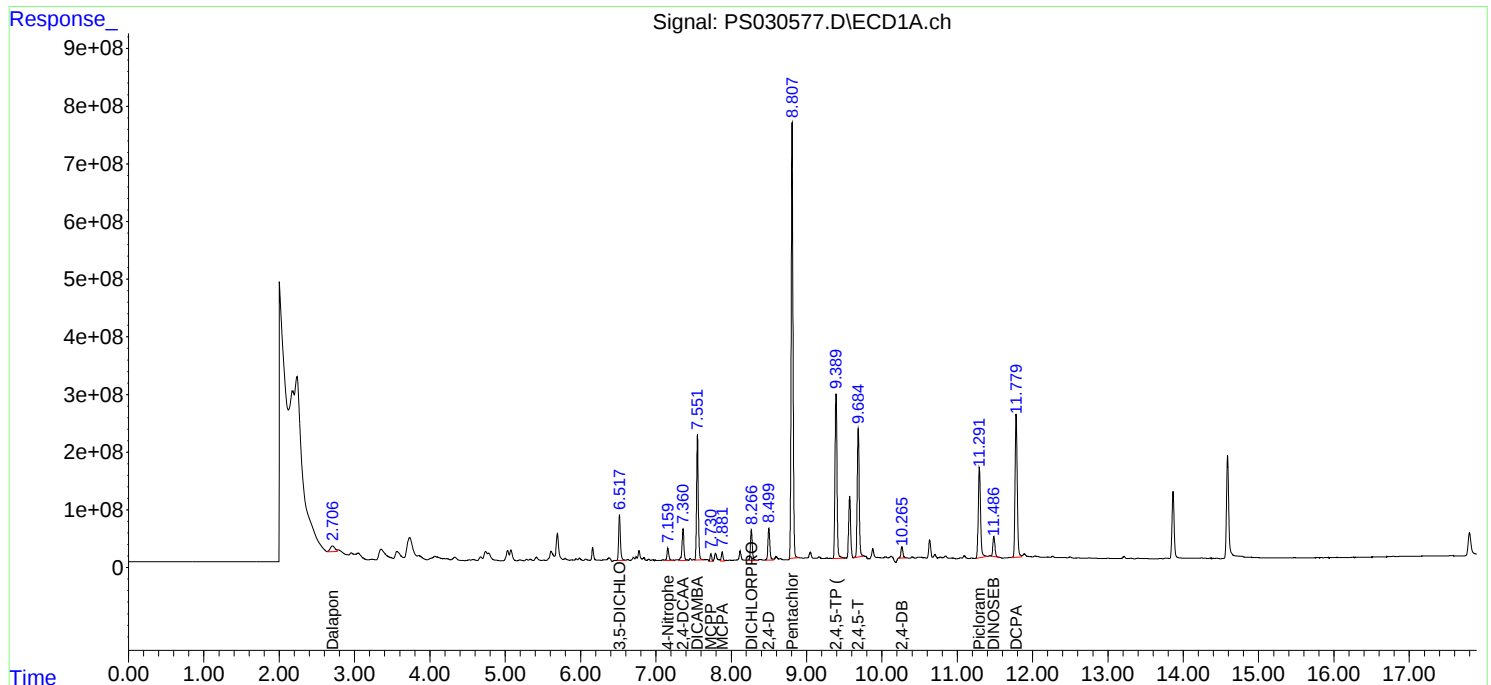
APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:56:02 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\PS060925\
 Data File : PS030578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 19:05
 Operator : AR\AJ
 Sample : Q2130-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP-3MSD

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:56:17 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	7.360	7.768	945.1E6	221.1E6	250.359	205.578m
Target Compounds							
1) T	Dalapon	2.705	2.703	410.9E6	1668.9E6	72.772m	609.080 #
2) T	3,5-DICHL...	6.518	6.714	1281.2E6	363.5E6	236.112	232.388m
3) T	4-Nitroph...	7.159	7.300	378.6E6	334.3E6	206.465	213.290
5) T	DICAMBA	7.552	7.972	3454.8E6	1367.1E6	224.013	212.232m
6) T	MCPD	7.731	8.069	185.1E6	36388576	18.692m	15.742
7) T	MCPA	7.881	8.315	244.2E6	61882677	19.244	20.053m
8) T	DICHLORPROP	8.268	8.692	913.2E6	367.2E6	250.994	247.402
9) T	2,4-D	8.499	9.027	982.6E6	404.2E6	269.679	257.092m
10) T	Pentachlo...	8.808	9.554	12664.6E6	8049.7E6	249.371	222.749
11) T	2,4,5-TP ...	9.390	9.934	4917.9E6	3428.4E6	237.979	249.939
12) T	2,4,5-T	9.685	10.361	4019.1E6	2893.6E6	218.059	221.610
13) T	2,4-DB	10.265	10.928	369.9E6	233.0E6	121.833m	202.688 #
14) T	DINOSEB	11.487	11.315	634.8E6	548.6E6	44.160	54.587
15) T	Picloram	11.292	12.422	3310.3E6	3579.2E6	165.473m	162.072m
16) T	DCPA	11.779	12.358	4901.6E6	4554.7E6	185.384	222.584m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 19:05
Operator : AR\AJ
Sample : Q2130-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP-3MSD

Manual Integrations

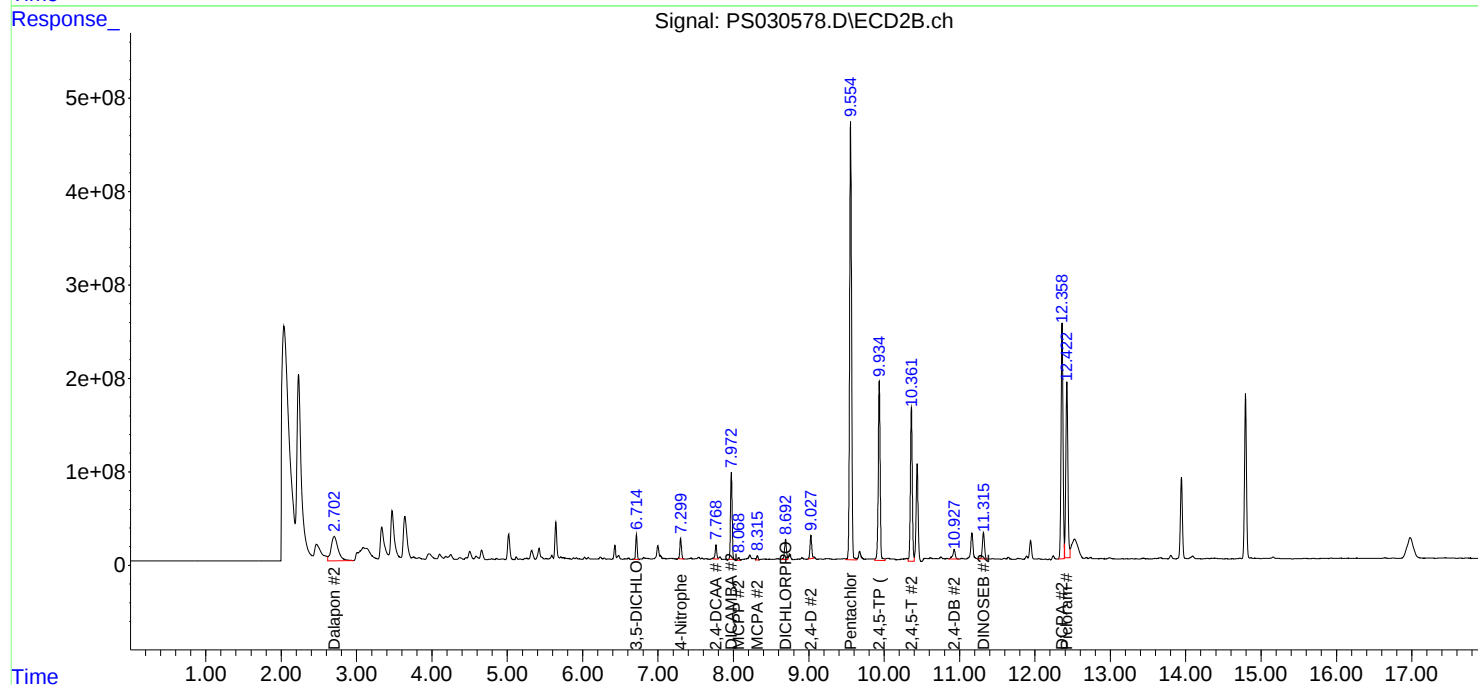
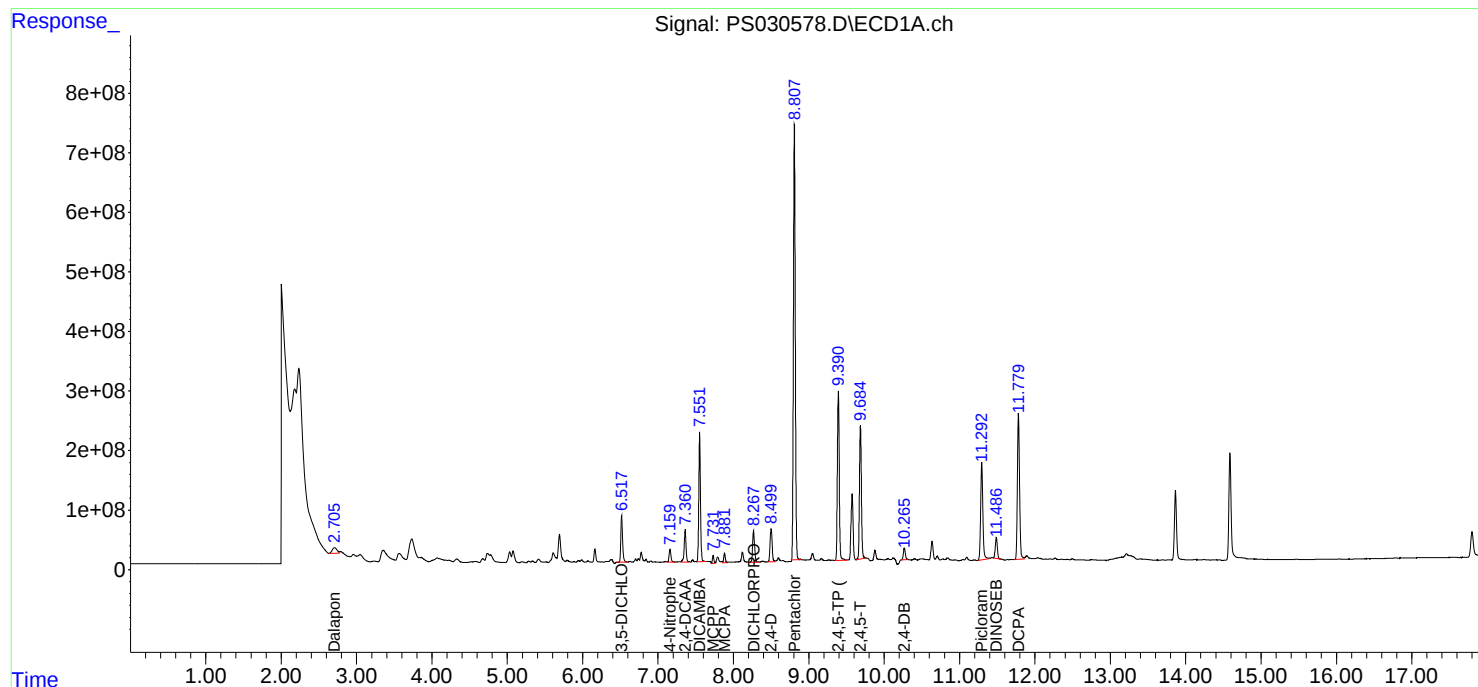
APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:56:17 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:	Ps060225	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS030437.D	DCPA #2	Abdul	6/3/2025 8:48:52 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC200	PS030437.D	Picloram #2	Abdul	6/3/2025 8:48:52 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC500	PS030438.D	DCPA #2	Abdul	6/3/2025 8:48:55 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC500	PS030438.D	Picloram #2	Abdul	6/3/2025 8:48:55 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC750	PS030439.D	DCPA #2	Abdul	6/3/2025 8:48:59 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC750	PS030439.D	Picloram #2	Abdul	6/3/2025 8:48:59 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC1000	PS030440.D	DCPA #2	Abdul	6/3/2025 8:49:06 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC1000	PS030440.D	Picloram #2	Abdul	6/3/2025 8:49:06 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC1500	PS030441.D	DCPA #2	Abdul	6/3/2025 8:49:11 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICC1500	PS030441.D	Picloram #2	Abdul	6/3/2025 8:49:11 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICV750	PS030442.D	DCPA #2	Abdul	6/3/2025 8:49:14 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDICV750	PS030442.D	Picloram #2	Abdul	6/3/2025 8:49:14 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDCCC750	PS030444.D	DCPA #2	Abdul	6/3/2025 8:49:18 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software

Manual Integration Report

Sequence:	Ps060225	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030444.D	Picloram #2	Abdul	6/3/2025 8:49:18 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDCCC750	PS030456.D	DCPA #2	Abdul	6/3/2025 8:47:59 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDCCC750	PS030456.D	Picloram #2	Abdul	6/3/2025 8:47:59 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
Q2150-01	PS030460.D	2,4-DCAA #2	Abdul	6/3/2025 8:48:10 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
Q2150-02	PS030461.D	2,4-DCAA #2	Abdul	6/3/2025 8:48:13 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDCCC750	PS030467.D	DCPA #2	Abdul	6/3/2025 8:48:18 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDCCC750	PS030467.D	Picloram #2	Abdul	6/3/2025 8:48:18 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
Q2150-08	PS030469.D	2,4-DCAA #2	Abdul	6/3/2025 8:48:22 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDCCC750	PS030473.D	DCPA #2	Abdul	6/3/2025 8:47:40 AM	mohammad	6/4/2025 3:10:52	Peak Integrated by Software
HSTDCCC750	PS030473.D	Picloram #2	Abdul	6/3/2025 8:47:40 AM	mohammad	6/4/2025 3:10:52	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
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
PB168207BS	PS030485.D	2,4-DCAA	Abdul	6/5/2025 8:32:55 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
PB168207BS	PS030485.D	MCPA #2	Abdul	6/5/2025 8:32:55 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

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	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
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
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
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
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



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Manual Integration Report

Sequence:

PS060425

Instrument

ECD_s

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	ps060925	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030563.D	2,4-DB	Abdul	6/10/2025 10:45:04 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030563.D	2,4-DCAA	Abdul	6/10/2025 10:45:04 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030563.D	D CPA #2	Abdul	6/10/2025 10:45:04 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030563.D	MCPP	Abdul	6/10/2025 10:45:04 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030563.D	Picloram	Abdul	6/10/2025 10:45:04 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030575.D	2,4-DCAA	Abdul	6/10/2025 10:45:20 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030575.D	D CPA #2	Abdul	6/10/2025 10:45:20 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030575.D	MCPP	Abdul	6/10/2025 10:45:20 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030575.D	Picloram	Abdul	6/10/2025 10:45:20 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	2,4-DB	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	2,4-DCAA #2	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	3,5-DICHLOROBENZOI C ACID #2	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	Dalapon	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software

Manual Integration Report

Sequence:	ps060925	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2130-01MS	PS030577.D	DCPA #2	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	DICAMBA #2	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	MCPA #2	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	MCPD	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	Picloram	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MS	PS030577.D	Picloram #2	Abdul	6/10/2025 1:52:04 PM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	2,4-D #2	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	2,4-DB	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	2,4-DCAA #2	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	3,5-DICHLOROBENZOIC ACID #2	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	Dalapon	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	DCPA #2	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	DICAMBA #2	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software

Manual Integration Report

Sequence:	ps060925	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2130-01MSD	PS030578.D	MCPA #2	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	MCPP	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	Picloram	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
Q2130-01MSD	PS030578.D	Picloram #2	Abdul	6/10/2025 10:45:32 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030580.D	2,4-DCAA	Abdul	6/10/2025 10:45:36 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030580.D	DCCA #2	Abdul	6/10/2025 10:45:36 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030580.D	MCPP	Abdul	6/10/2025 10:45:36 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030580.D	Picloram	Abdul	6/10/2025 10:45:36 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030591.D	2,4-DCAA	Abdul	6/10/2025 10:45:51 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030591.D	DCCA #2	Abdul	6/10/2025 10:45:51 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030591.D	MCPP	Abdul	6/10/2025 10:45:51 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software
HSTDCCC750	PS030591.D	Picloram	Abdul	6/10/2025 10:45:51 AM	mohammad	6/11/2025 2:16:12	Peak Integrated by Software



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Manual Integration Report

Sequence:	ps060925	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:	ps061125	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030621.D	2,4-DCAA	Abdul	6/12/2025 8:12:05 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030621.D	D CPA #2	Abdul	6/12/2025 8:12:05 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030621.D	MCPP	Abdul	6/12/2025 8:12:05 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030621.D	Pentachlorophenol	Abdul	6/12/2025 8:12:05 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030621.D	Picloram	Abdul	6/12/2025 8:12:05 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030630.D	2,4-DCAA	Abdul	6/12/2025 8:12:23 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030630.D	MCPP	Abdul	6/12/2025 8:12:23 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030630.D	Pentachlorophenol	Abdul	6/12/2025 8:12:23 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030630.D	Picloram	Abdul	6/12/2025 8:12:23 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030633.D	2,4-DCAA	Abdul	6/12/2025 8:12:29 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030633.D	D CPA #2	Abdul	6/12/2025 8:12:29 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030633.D	DINOSEB	Abdul	6/12/2025 8:12:29 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030633.D	MCPP	Abdul	6/12/2025 8:12:29 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software

Manual Integration Report

Sequence:

ps061125

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030633.D	Pentachlorophenol	Abdul	6/12/2025 8:12:29 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software
HSTDCCC750	PS030633.D	Picloram	Abdul	6/12/2025 8:12:29 AM	mohammad	6/12/2025 8:34:14	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060225

Review By	Abdul	Review On	6/3/2025 8:50:21 AM
Supervise By	mohammad	Supervise On	6/4/2025 3:10:52 AM
SubDirectory	PS060225	HP Acquire Method	HP Processing Method ps060225 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	PS030435.D	02 Jun 2025 08:25	AR\AJ	Ok
2	I.BLK	PS030436.D	02 Jun 2025 08:49	AR\AJ	Ok
3	HSTDICC200	PS030437.D	02 Jun 2025 09:13	AR\AJ	Ok,M
4	HSTDICC500	PS030438.D	02 Jun 2025 09:37	AR\AJ	Ok,M
5	HSTDICC750	PS030439.D	02 Jun 2025 10:01	AR\AJ	Ok,M
6	HSTDICC1000	PS030440.D	02 Jun 2025 10:25	AR\AJ	Ok,M
7	HSTDICC1500	PS030441.D	02 Jun 2025 10:49	AR\AJ	Ok,M
8	HSTDICV750	PS030442.D	02 Jun 2025 12:33	AR\AJ	Ok,M
9	I.BLK	PS030443.D	02 Jun 2025 12:57	AR\AJ	Ok
10	HSTDCCC750	PS030444.D	02 Jun 2025 13:21	AR\AJ	Ok,M
11	Q2136-05	PS030445.D	02 Jun 2025 13:45	AR\AJ	Ok,M
12	Q2136-05MS	PS030446.D	02 Jun 2025 14:09	AR\AJ	Ok,M
13	Q2136-05MSD	PS030447.D	02 Jun 2025 14:33	AR\AJ	Ok,M
14	PB168218BL	PS030448.D	02 Jun 2025 14:57	AR\AJ	Ok
15	PB168218BS	PS030449.D	02 Jun 2025 15:22	AR\AJ	Ok,M
16	PB168218TB	PS030450.D	02 Jun 2025 15:46	AR\AJ	Ok,M
17	Q2130-01	PS030451.D	02 Jun 2025 16:10	AR\AJ	Not Ok
18	Q2130-01MS	PS030452.D	02 Jun 2025 16:34	AR\AJ	Not Ok
19	Q2130-01MSD	PS030453.D	02 Jun 2025 16:58	AR\AJ	Not Ok
20	Q2146-01	PS030454.D	02 Jun 2025 17:22	AR\AJ	Ok,M
21	I.BLK	PS030455.D	02 Jun 2025 17:46	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS060225

Review By	Abdul	Review On	6/3/2025 8:50:21 AM
Supervise By	mohammad	Supervise On	6/4/2025 3:10:52 AM
SubDirectory	PS060225	HP Acquire Method	HP Processing Method ps060225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24559 PP24562		

22	HSTDCCC750	PS030456.D	02 Jun 2025 18:10	AR\AJ	Ok,M
23	PB168207BL	PS030457.D	02 Jun 2025 18:34	AR\AJ	Not Ok
24	PB168207BS	PS030458.D	02 Jun 2025 18:58	AR\AJ	Not Ok
25	Q2151-01	PS030459.D	02 Jun 2025 19:22	AR\AJ	Ok,M
26	Q2150-01	PS030460.D	02 Jun 2025 19:46	AR\AJ	Ok,M
27	Q2150-02	PS030461.D	02 Jun 2025 20:11	AR\AJ	Ok,M
28	Q2150-03	PS030462.D	02 Jun 2025 20:35	AR\AJ	Ok
29	Q2150-04	PS030463.D	02 Jun 2025 20:59	AR\AJ	Ok
30	Q2150-05	PS030464.D	02 Jun 2025 21:23	AR\AJ	Ok
31	Q2150-06	PS030465.D	02 Jun 2025 21:47	AR\AJ	Not Ok
32	I.BLK	PS030466.D	02 Jun 2025 22:11	AR\AJ	Ok
33	HSTDCCC750	PS030467.D	02 Jun 2025 22:35	AR\AJ	Ok,M
34	Q2150-07	PS030468.D	02 Jun 2025 22:59	AR\AJ	Ok
35	Q2150-08	PS030469.D	02 Jun 2025 23:23	AR\AJ	Ok,M
36	Q2150-09	PS030470.D	02 Jun 2025 23:47	AR\AJ	Ok
37	Q2150-10	PS030471.D	03 Jun 2025 00:11	AR\AJ	Ok
38	I.BLK	PS030472.D	03 Jun 2025 00:35	AR\AJ	Ok
39	HSTDCCC750	PS030473.D	03 Jun 2025 00:59	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 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/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	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 # PS060925

Review By	Abdul	Review On	6/10/2025 10:46:12 AM
Supervise By	mohammad	Supervise On	6/11/2025 2:16:12 AM
SubDirectory	PS060925	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	PS030561.D	09 Jun 2025 11:29	AR\AJ	Ok
2	I.BLK	PS030562.D	09 Jun 2025 11:53	AR\AJ	Ok
3	HSTDCCC750	PS030563.D	09 Jun 2025 12:17	AR\AJ	Ok,M
4	Q2235-03	PS030564.D	09 Jun 2025 13:21	AR\AJ	Ok,M
5	Q2236-03	PS030565.D	09 Jun 2025 13:45	AR\AJ	Ok
6	Q2236-07	PS030566.D	09 Jun 2025 14:09	AR\AJ	Ok
7	Q2236-11	PS030567.D	09 Jun 2025 14:33	AR\AJ	Ok
8	Q2236-15	PS030568.D	09 Jun 2025 14:57	AR\AJ	Ok
9	Q2236-19	PS030569.D	09 Jun 2025 15:22	AR\AJ	Ok
10	Q2198-02	PS030570.D	09 Jun 2025 15:46	AR\AJ	Ok,M
11	Q2198-04	PS030571.D	09 Jun 2025 16:10	AR\AJ	Ok
12	Q2198-04MS	PS030572.D	09 Jun 2025 16:34	AR\AJ	Ok,M
13	Q2198-04MSD	PS030573.D	09 Jun 2025 16:58	AR\AJ	Ok,M
14	I.BLK	PS030574.D	09 Jun 2025 17:22	AR\AJ	Ok
15	HSTDCCC750	PS030575.D	09 Jun 2025 17:46	AR\AJ	Ok,M
16	Q2130-01	PS030576.D	09 Jun 2025 18:17	AR\AJ	Ok,M
17	Q2130-01MS	PS030577.D	09 Jun 2025 18:41	AR\AJ	Ok,M
18	Q2130-01MSD	PS030578.D	09 Jun 2025 19:05	AR\AJ	Ok,M
19	I.BLK	PS030579.D	09 Jun 2025 19:29	AR\AJ	Ok
20	HSTDCCC750	PS030580.D	09 Jun 2025 19:53	AR\AJ	Ok,M
21	Q2206-01	PS030581.D	09 Jun 2025 20:17	AR\AJ	ReRun

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060925

Review By	Abdul	Review On	6/10/2025 10:46:12 AM
Supervise By	mohammad	Supervise On	6/11/2025 2:16:12 AM
SubDirectory	PS060925	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		

22	Q2226-01	PS030582.D	09 Jun 2025 20:41	AR\AJ	Ok
23	Q2240-01	PS030583.D	09 Jun 2025 21:05	AR\AJ	Not Ok
24	Q2240-05	PS030584.D	09 Jun 2025 21:29	AR\AJ	Not Ok
25	Q2240-09	PS030585.D	09 Jun 2025 21:53	AR\AJ	Not Ok
26	Q2241-01	PS030586.D	09 Jun 2025 22:17	AR\AJ	Ok
27	Q2241-05	PS030587.D	09 Jun 2025 22:42	AR\AJ	Ok
28	Q2242-01	PS030588.D	09 Jun 2025 23:06	AR\AJ	Ok
29	Q2244-01	PS030589.D	09 Jun 2025 23:30	AR\AJ	Ok
30	I.BLK	PS030590.D	09 Jun 2025 23:54	AR\AJ	Ok
31	HSTDCCC750	PS030591.D	10 Jun 2025 00:18	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS061125

Review By	Abdul	Review On	6/12/2025 8:12:56 AM
Supervise By	mohammad	Supervise On	6/12/2025 8:34:14 AM
SubDirectory	PS061125	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	PS030619.D	11 Jun 2025 08:22	AR\AJ	Ok
2	I.BLK	PS030620.D	11 Jun 2025 08:46	AR\AJ	Ok
3	HSTDCCC750	PS030621.D	11 Jun 2025 09:10	AR\AJ	Ok,M
4	Q2240-05	PS030622.D	11 Jun 2025 09:58	AR\AJ	Ok
5	Q2240-09	PS030623.D	11 Jun 2025 10:28	AR\AJ	Not Ok
6	Q2150-06	PS030624.D	11 Jun 2025 10:52	AR\AJ	Ok
7	Q2266-01	PS030625.D	11 Jun 2025 11:27	AR\AJ	Ok
8	Q2266-01MS	PS030626.D	11 Jun 2025 12:31	AR\AJ	Ok,M
9	Q2266-01MSD	PS030627.D	11 Jun 2025 12:55	AR\AJ	Ok,M
10	PB168375BS	PS030628.D	11 Jun 2025 14:06	AR\AJ	Ok,M
11	I.BLK	PS030629.D	11 Jun 2025 14:30	AR\AJ	Ok
12	HSTDCCC750	PS030630.D	11 Jun 2025 15:32	AR\AJ	Ok,M
13	Q2240-01RE	PS030631.D	11 Jun 2025 15:56	AR\AJ	Confirms
14	I.BLK	PS030632.D	11 Jun 2025 16:23	AR\AJ	Ok
15	HSTDCCC750	PS030633.D	11 Jun 2025 16:48	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060225

Review By	Abdul	Review On	6/3/2025 8:50:21 AM
Supervise By	mohammad	Supervise On	6/4/2025 3:10:52 AM
SubDirectory	PS060225	HP Acquire Method	HP Processing Method ps060225 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	PS030435.D	02 Jun 2025 08:25		AR\AJ	Ok
2	I.BLK	I.BLK	PS030436.D	02 Jun 2025 08:49		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS030437.D	02 Jun 2025 09:13		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS030438.D	02 Jun 2025 09:37		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS030439.D	02 Jun 2025 10:01	Method fail for com#10 in 1ST COL	AR\AJ	Ok,M
6	HSTDICC1000	HSTDICC1000	PS030440.D	02 Jun 2025 10:25		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS030441.D	02 Jun 2025 10:49		AR\AJ	Ok,M
8	HSTDICV750	ICVPS060225	PS030442.D	02 Jun 2025 12:33		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS030443.D	02 Jun 2025 12:57		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS030444.D	02 Jun 2025 13:21		AR\AJ	Ok,M
11	Q2136-05	OR-646-COMP-52	PS030445.D	02 Jun 2025 13:45		AR\AJ	Ok,M
12	Q2136-05MS	OR-646-COMP-52MS	PS030446.D	02 Jun 2025 14:09	Comp #1,6 Recovery Fail	AR\AJ	Ok,M
13	Q2136-05MSD	OR-646-COMP-52MSD	PS030447.D	02 Jun 2025 14:33	Comp #1 recovery fail, Comp #6 RPD Fail	AR\AJ	Ok,M
14	PB168218BL	PB168218BL	PS030448.D	02 Jun 2025 14:57		AR\AJ	Ok
15	PB168218BS	PB168218BS	PS030449.D	02 Jun 2025 15:22		AR\AJ	Ok,M
16	PB168218TB	PB168218TB	PS030450.D	02 Jun 2025 15:46		AR\AJ	Ok,M
17	Q2130-01	TP-3	PS030451.D	02 Jun 2025 16:10	Not used	AR\AJ	Not Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060225

Review By	Abdul	Review On	6/3/2025 8:50:21 AM
Supervise By	mohammad	Supervise On	6/4/2025 3:10:52 AM
SubDirectory	PS060225	HP Acquire Method	HP Processing Method ps060225 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			

18	Q2130-01MS	TP-3MS	PS030452.D	02 Jun 2025 16:34	Not used,Some compound Recovery Fail	AR\AJ	Not Ok
19	Q2130-01MSD	TP-3MSD	PS030453.D	02 Jun 2025 16:58	Not used,Some compound Recovery Fail	AR\AJ	Not Ok
20	Q2146-01	TP04-MHN-WC	PS030454.D	02 Jun 2025 17:22		AR\AJ	Ok,M
21	I.BLK	I.BLK	PS030455.D	02 Jun 2025 17:46		AR\AJ	Ok
22	HSTDCCC750	HSTDCCC750	PS030456.D	02 Jun 2025 18:10		AR\AJ	Ok,M
23	PB168207BL	PB168207BL	PS030457.D	02 Jun 2025 18:34	Not used	AR\AJ	Not Ok
24	PB168207BS	PB168207BS	PS030458.D	02 Jun 2025 18:58	Not used	AR\AJ	Not Ok
25	Q2151-01	WC-1	PS030459.D	02 Jun 2025 19:22		AR\AJ	Ok,M
26	Q2150-01	TP-44	PS030460.D	02 Jun 2025 19:46		AR\AJ	Ok,M
27	Q2150-02	TP-42	PS030461.D	02 Jun 2025 20:11		AR\AJ	Ok,M
28	Q2150-03	TP-39	PS030462.D	02 Jun 2025 20:35		AR\AJ	Ok
29	Q2150-04	TP-48	PS030463.D	02 Jun 2025 20:59		AR\AJ	Ok
30	Q2150-05	TP-47	PS030464.D	02 Jun 2025 21:23		AR\AJ	Ok
31	Q2150-06	TP-50	PS030465.D	02 Jun 2025 21:47	Surrogate low in both column	AR\AJ	Not Ok
32	I.BLK	I.BLK	PS030466.D	02 Jun 2025 22:11		AR\AJ	Ok
33	HSTDCCC750	HSTDCCC750	PS030467.D	02 Jun 2025 22:35		AR\AJ	Ok,M
34	Q2150-07	TP-51	PS030468.D	02 Jun 2025 22:59		AR\AJ	Ok
35	Q2150-08	TP-52	PS030469.D	02 Jun 2025 23:23		AR\AJ	Ok,M
36	Q2150-09	TP-54	PS030470.D	02 Jun 2025 23:47		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060225

Review By	Abdul	Review On	6/3/2025 8:50:21 AM
Supervise By	mohammad	Supervise On	6/4/2025 3:10:52 AM
SubDirectory	PS060225	HP Acquire Method	HP Processing Method ps060225 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

37	Q2150-10	TP-53	PS030471.D	03 Jun 2025 00:11		AR\AJ	Ok
38	I.BLK	I.BLK	PS030472.D	03 Jun 2025 00:35		AR\AJ	Ok
39	HSTDCCC750	HSTDCCC750	PS030473.D	03 Jun 2025 00:59		AR\AJ	Ok,M

M : Manual Integration

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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 # PS060925

Review By	Abdul	Review On	6/10/2025 10:46:12 AM
Supervise By	mohammad	Supervise On	6/11/2025 2:16:12 AM
SubDirectory	PS060925	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	PS030561.D	09 Jun 2025 11:29		AR\AJ	Ok
2	I.BLK	I.BLK	PS030562.D	09 Jun 2025 11:53		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030563.D	09 Jun 2025 12:17	Picloram low in 1st column	AR\AJ	Ok,M
4	Q2235-03	WC-A2-08-C	PS030564.D	09 Jun 2025 13:21		AR\AJ	Ok,M
5	Q2236-03	WC-A4-05A-C	PS030565.D	09 Jun 2025 13:45		AR\AJ	Ok
6	Q2236-07	WC-A2-04-C	PS030566.D	09 Jun 2025 14:09		AR\AJ	Ok
7	Q2236-11	WC-A2-05-C	PS030567.D	09 Jun 2025 14:33		AR\AJ	Ok
8	Q2236-15	WC-A2-06-C	PS030568.D	09 Jun 2025 14:57		AR\AJ	Ok
9	Q2236-19	WC-A2-07-C	PS030569.D	09 Jun 2025 15:22		AR\AJ	Ok
10	Q2198-02	B-202-SB02	PS030570.D	09 Jun 2025 15:46		AR\AJ	Ok,M
11	Q2198-04	B-207-SB02	PS030571.D	09 Jun 2025 16:10		AR\AJ	Ok
12	Q2198-04MS	B-207-SB02MS	PS030572.D	09 Jun 2025 16:34	some compound recovery fail	AR\AJ	Ok,M
13	Q2198-04MSD	B-207-SB02MSD	PS030573.D	09 Jun 2025 16:58	some compound recovery fail	AR\AJ	Ok,M
14	I.BLK	I.BLK	PS030574.D	09 Jun 2025 17:22		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS030575.D	09 Jun 2025 17:46		AR\AJ	Ok,M
16	Q2130-01	TP-3	PS030576.D	09 Jun 2025 18:17		AR\AJ	Ok,M
17	Q2130-01MS	TP-3MS	PS030577.D	09 Jun 2025 18:41		AR\AJ	Ok,M
18	Q2130-01MSD	TP-3MSD	PS030578.D	09 Jun 2025 19:05		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060925

Review By	Abdul	Review On	6/10/2025 10:46:12 AM
Supervise By	mohammad	Supervise On	6/11/2025 2:16:12 AM
SubDirectory	PS060925	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		

19	I.BLK	I.BLK	PS030579.D	09 Jun 2025 19:29		AR\AJ	Ok
20	HSTDCCC750	HSTDCCC750	PS030580.D	09 Jun 2025 19:53		AR\AJ	Ok,M
21	Q2206-01	TP-1	PS030581.D	09 Jun 2025 20:17	Surrogate low in 2nd column	AR\AJ	ReRun
22	Q2226-01	TP06-MHI-WC	PS030582.D	09 Jun 2025 20:41		AR\AJ	Ok
23	Q2240-01	TP-3	PS030583.D	09 Jun 2025 21:05	2,4-D hit	AR\AJ	Not Ok
24	Q2240-05	TP-2	PS030584.D	09 Jun 2025 21:29	Surrogate low in both column	AR\AJ	Not Ok
25	Q2240-09	TP-1	PS030585.D	09 Jun 2025 21:53	Surrogate low in both column	AR\AJ	Not Ok
26	Q2241-01	TP-N	PS030586.D	09 Jun 2025 22:17		AR\AJ	Ok
27	Q2241-05	TP-S	PS030587.D	09 Jun 2025 22:42		AR\AJ	Ok
28	Q2242-01	TP09-MHJ	PS030588.D	09 Jun 2025 23:06		AR\AJ	Ok
29	Q2244-01	TP03-MHC	PS030589.D	09 Jun 2025 23:30		AR\AJ	Ok
30	I.BLK	I.BLK	PS030590.D	09 Jun 2025 23:54		AR\AJ	Ok
31	HSTDCCC750	HSTDCCC750	PS030591.D	10 Jun 2025 00:18		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS061125

Review By	Abdul	Review On	6/12/2025 8:12:56 AM
Supervise By	mohammad	Supervise On	6/12/2025 8:34:14 AM
SubDirectory	PS061125	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	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030619.D	11 Jun 2025 08:22		AR\AJ	Ok
2	I.BLK	I.BLK	PS030620.D	11 Jun 2025 08:46		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030621.D	11 Jun 2025 09:10		AR\AJ	Ok,M
4	Q2240-05	TP-2	PS030622.D	11 Jun 2025 09:58		AR\AJ	Ok
5	Q2240-09	TP-1	PS030623.D	11 Jun 2025 10:28	wrong Injection	AR\AJ	Not Ok
6	Q2150-06	TP-50	PS030624.D	11 Jun 2025 10:52		AR\AJ	Ok
7	Q2266-01	WC-3	PS030625.D	11 Jun 2025 11:27		AR\AJ	Ok
8	Q2266-01MS	WC-3MS	PS030626.D	11 Jun 2025 12:31	some compound recovery fail	AR\AJ	Ok,M
9	Q2266-01MSD	WC-3MSD	PS030627.D	11 Jun 2025 12:55	some compound recovery fail	AR\AJ	Ok,M
10	PB168375BS	PB168375BS	PS030628.D	11 Jun 2025 14:06		AR\AJ	Ok,M
11	I.BLK	I.BLK	PS030629.D	11 Jun 2025 14:30		AR\AJ	Ok
12	HSTDCCC750	HSTDCCC750	PS030630.D	11 Jun 2025 15:32		AR\AJ	Ok,M
13	Q2240-01RE	TP-3RE	PS030631.D	11 Jun 2025 15:56	2,4-D hit	AR\AJ	Confirms
14	I.BLK	I.BLK	PS030632.D	11 Jun 2025 16:23		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS030633.D	11 Jun 2025 16:48		AR\AJ	Ok,M

M : Manual Integration

SOP ID:	M8151A-Herbicide-23		
Clean Up SOP #:	N/A	Extraction Start Date :	05/30/2025
Matrix :	Solid	Extraction Start Time :	08:20
Welgh By:	EH	Extraction By: RJ	Extraction End Date : 05/30/2025
Balance check:	RJ	Filter By: RJ	Extraction End Time : 16:00
Balance ID:	EX-SC-2	pH Meter ID: N/A	Concentration By: EH
pH Strip Lot#:	E3880	Hood ID: 3,4,5,7	Supervisor By : RUPESH

Extraction Method:
☐ Seperatory Funnel
 ☐ Continious 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	EP2576
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.

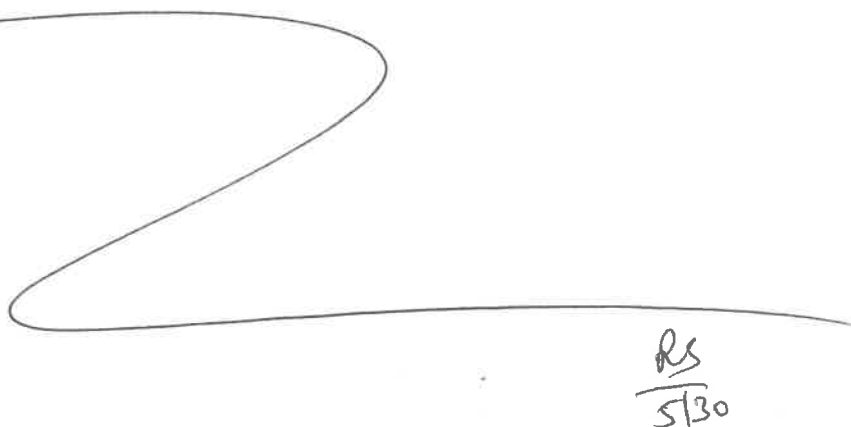
KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/30/25	RS (Ext Lab)	R. Pest/PCB Lab
16:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 05/30/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168207BL	HBLK207	Herbicide	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168207BS	HLCS207	Herbicide	30.02	N/A	ritesh	Evelyn	10			2
Q1872-17	HW0425-PT-HERB-SOIL	Herbicide Group1	30.09	N/A	ritesh	Evelyn	10	A		3
Q2130-01	TP-3	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2130-01MS	TP-3MS	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		5
Q2130-01MS D	TP-3MSD	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		6
Q2146-01	TP04-MHN-WC	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		U3-1
Q2150-01	TP-44	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		2
Q2150-02	TP-42	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2150-03	TP-39	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q2150-04	TP-48	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		5
Q2150-05	TP-47	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		6
Q2150-06	TP-50	Herbicide	30.09	N/A	ritesh	Evelyn	10	E		U6-1
Q2150-07	TP-51	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		2
Q2150-08	TP-52	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2150-09	TP-54	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		4
Q2150-10	TP-53	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		5
Q2151-01	WC-1	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		6



168207
02-20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2130H WorkList ID : 189834 Department : Extraction Date : 05-30-2025 08:15:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1872-17	HW0425-PT-HERB-SOIL	Solid	Herbicide Group1	Cool 4 deg C	ALLI03	QA OI	04/21/2025	8151A
Q2130-01	TP-3	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/27/2025	8151A
Q2146-01	TP04-MHN-WC	Solid	Herbicide	Cool 4 deg C	PSEG03	L31	05/27/2025	8151A
Q2150-01	TP-44	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/27/2025	8151A
Q2150-02	TP-42	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/27/2025	8151A
Q2150-03	TP-39	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/27/2025	8151A
Q2150-04	TP-48	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/27/2025	8151A
Q2150-05	TP-47	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/27/2025	8151A
Q2150-06	TP-50	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/27/2025	8151A
Q2150-07	TP-51	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/27/2025	8151A
Q2150-08	TP-52	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/28/2025	8151A
Q2150-09	TP-54	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/28/2025	8151A
Q2150-10	TP-53	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/28/2025	8151A
Q2151-01	WC-1	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/29/2025	8151A

Date/Time 05/30/25 8:15
Raw Sample Received by: RJ (Ext-66b)
Raw Sample Relinquished by: [Signature] SH

Date/Time 05/30/25 8:45
Raw Sample Received by: [Signature] SH
Raw Sample Relinquished by: RJ (Ext-66b)



LAB CHRONICLE

OrderID:	Q2150	OrderDate:	5/28/2025 3:53:00 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
Q2150-01	TP-44	SOIL			05/27/25			05/28/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/02/25	
			Herbicide	8151A		05/30/25	06/02/25	
			PCB	8082A		05/30/25	05/30/25	
			Pesticide-TCL	8081B		05/30/25	05/30/25	
Q2150-02	TP-42	SOIL			05/27/25			05/28/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/02/25	
			Herbicide	8151A		05/30/25	06/02/25	
			PCB	8082A		05/30/25	05/30/25	
			Pesticide-TCL	8081B		05/30/25	05/30/25	
Q2150-03	TP-39	SOIL			05/27/25			05/28/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/02/25	
			Herbicide	8151A		05/30/25	06/02/25	
			PCB	8082A		05/30/25	05/30/25	
			Pesticide-TCL	8081B		05/30/25	05/30/25	
Q2150-04	TP-48	SOIL			05/27/25			05/28/25
			Diesel Range Organics	8015D		06/04/25	06/04/25	
			Gasoline Range Organics	8015D			06/02/25	
			Gasoline Range Organics	8015D			06/03/25	
			Herbicide	8151A		05/30/25	06/02/25	
			PCB	8082A		05/30/25	05/30/25	
Q2150-05	TP-47	SOIL			05/27/25			05/28/25
			Pesticide-TCL	8081B		05/30/25	05/30/25	
			Diesel Range Organics	8015D		06/04/25	06/04/25	

LAB CHRONICLE

Q2150-06	TP-50	SOIL	Gasoline Range Organics	8015D		06/02/25	
			Herbicide	8151A	05/30/25	06/02/25	
			PCB	8082A	05/30/25	05/30/25	
			Pesticide-TCL	8081B	05/30/25	05/30/25	
					05/27/25		05/28/25
			Diesel Range Organics	8015D	06/04/25	06/04/25	
			Gasoline Range Organics	8015D		06/02/25	
			Herbicide	8151A	05/30/25	06/11/25	
			PCB	8082A	05/30/25	05/30/25	
			Pesticide-TCL	8081B	05/30/25	05/30/25	
Q2150-07	TP-51	SOIL					
			Diesel Range Organics	8015D	06/04/25	06/04/25	
			Gasoline Range Organics	8015D		06/02/25	
			Herbicide	8151A	05/30/25	06/02/25	
			PCB	8082A	05/30/25	05/30/25	
			Pesticide-TCL	8081B	05/30/25	05/30/25	
					05/27/25		05/28/25
Q2150-08	TP-52	SOIL	Diesel Range Organics	8015D	06/04/25	06/04/25	
			Gasoline Range Organics	8015D		06/02/25	
			Herbicide	8151A	05/30/25	06/02/25	
			PCB	8082A	05/30/25	05/30/25	
			Pesticide-TCL	8081B	05/30/25	05/30/25	
					05/28/25		05/28/25
Q2150-09	TP-54	SOIL	Diesel Range Organics	8015D	06/04/25	06/04/25	
			Gasoline Range Organics	8015D		06/03/25	
			Herbicide	8151A	05/30/25	06/02/25	
			PCB	8082A	05/30/25	05/30/25	
			Pesticide-TCL	8081B	05/30/25	05/30/25	
					05/28/25		05/28/25
Q2150-10	TP-53	SOIL	Diesel Range Organics	8015D	06/04/25	06/04/25	
			Gasoline Range Organics	8015D		06/03/25	

LAB CHRONICLE

Herbicide	8151A	05/30/25	06/03/25
PCB	8082A	05/30/25	05/30/25
Pesticide-TCL	8081B	05/30/25	05/30/25

A

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