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Cover Page

Order ID : Q2150

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q2150-01	TP-44
Q2150-02	TP-42
Q2150-03	TP-39
Q2150-04	TP-48
Q2150-05	TP-47
Q2150-06	TP-50
Q2150-07	TP-51
Q2150-08	TP-52
Q2150-09	TP-54
Q2150-10	TP-53

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 6/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

CDM Smith
Project Name: South River WM Replacement
Project # N/A
Order ID # Q2150
Test Name: Herbicide

A. Number of Samples and Date of Receipt:
10 Solid samples were received on 05/28/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Gasoline Range Organics, Herbicide, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for Herbicide.

C. Analytical Techniques:
The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324The analysis of Herbicides was based on method 8151A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for TP-50 [2,4-DCAA(1) - 8%, 2,4-DCAA(2) - 7%], TP-50RE [2,4-DCAA(1) - 7%, 2 and4-DCAA(2) - 8%]. Sample reanalyzed to confirm results, original and reanalysis both are reported.

The Retention Times were acceptable for all samples.

The MS {Q2130-01MS} with File ID: PS030577.D recoveries met the requirements for all compounds except for [Dinoseb(1)- 9%] due to matrix interference.

The MSD {Q2130-01MSD} with File ID: PS030578.D recoveries met the acceptable requirements except for [Dinoseb(1)- 9%] due to matrix interference.

The RPD met criteria

The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .

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The Continuous Calibration met the requirements .

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2150**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **06/11/2025**

Alliance TECHNICAL GROUP

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

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	
			Pesticide-TCL	8081B		05/30/25	05/30/25	
Q2150-05	**TP-47**	**SOIL**			**05/27/25**			**05/28/25**
			Diesel Range Organics	8015D		06/04/25	06/04/25	

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LAB CHRONICLE

			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	
Q2150-06	**TP-50**	**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	
			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	
Q2150-06RE	**TP-50RE**	**SOIL**			**05/27/25**		**05/28/25**
			Herbicide	8151A	05/30/25	06/10/25	
Q2150-07	**TP-51**	**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	
Q2150-08	**TP-52**	**SOIL**			**05/28/25**		**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	
Q2150-09	**TP-54**	**SOIL**			**05/28/25**		**05/28/25**
			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	
Q2150-10	**TP-53**	**SOIL**			**05/28/25**		**05/28/25**
			Diesel Range Organics	8015D	06/04/25	06/04/25	
			Gasoline Range Organics	8015D		06/03/25	

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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

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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**

QC
SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2150

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits 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

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Surrogate Summary

SDG No.: Q2150

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits 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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2150 **Analytical Method:** 8151A

Client: CDM Smith **DataFile :** PS030577.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**TP-3MS**											
Q2130-01MS (Column 1)	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	
	Dinoseb	184.4	0	16.3	ug/Kg	9	*			10	118	
Client Sample ID:	**TP-3MS**											
Q2130-01MS (Column 2)	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	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2150 **Analytical Method:** 8151A

Client: CDM Smith **DataFile :** PS030578.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**TP-3MSD**											
Q2130-01MSD (Column 1)	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
	Dinoseb	184.1	0	16.3	ug/Kg	9	*	0		10	118	20
Client Sample ID:	**TP-3MSD**											
Q2130-01MSD (Column 2)	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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2150 **Analytical Method:** 8151A

Client: CDM Smith **Datafile :** PS030485.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
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	
PB168207BS (Column 2)	DICAMBA	166.6	155	ug/Kg	93				72	129	
	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	

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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:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PS030460.D**

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

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 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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:

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

Sample Results: **PS030460.D**

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
	System Monitoring Compounds						
4) S	2,4-DCAA	6.732	7.301	702.9E6	212.0E6	173.460	166.617m
	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

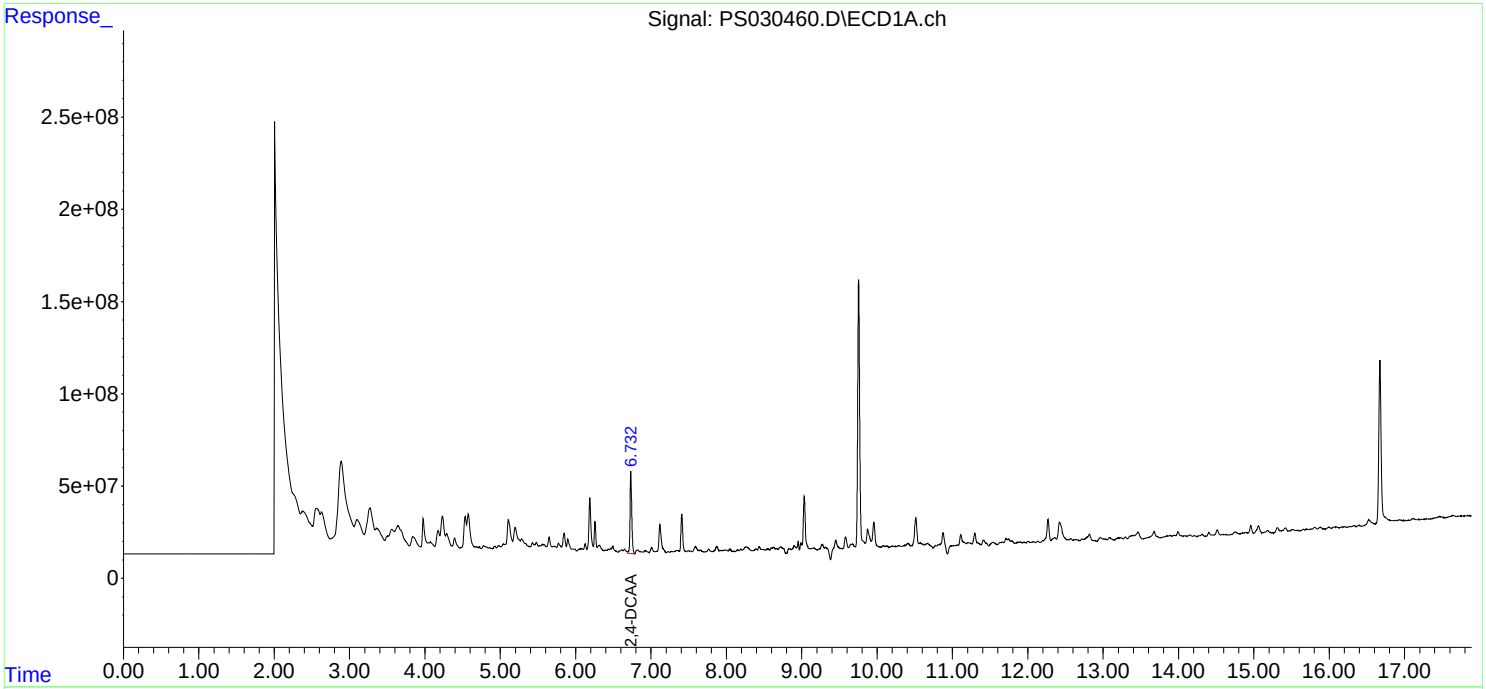
Instrument :
ECD_S
ClientSampleId :
TP-44

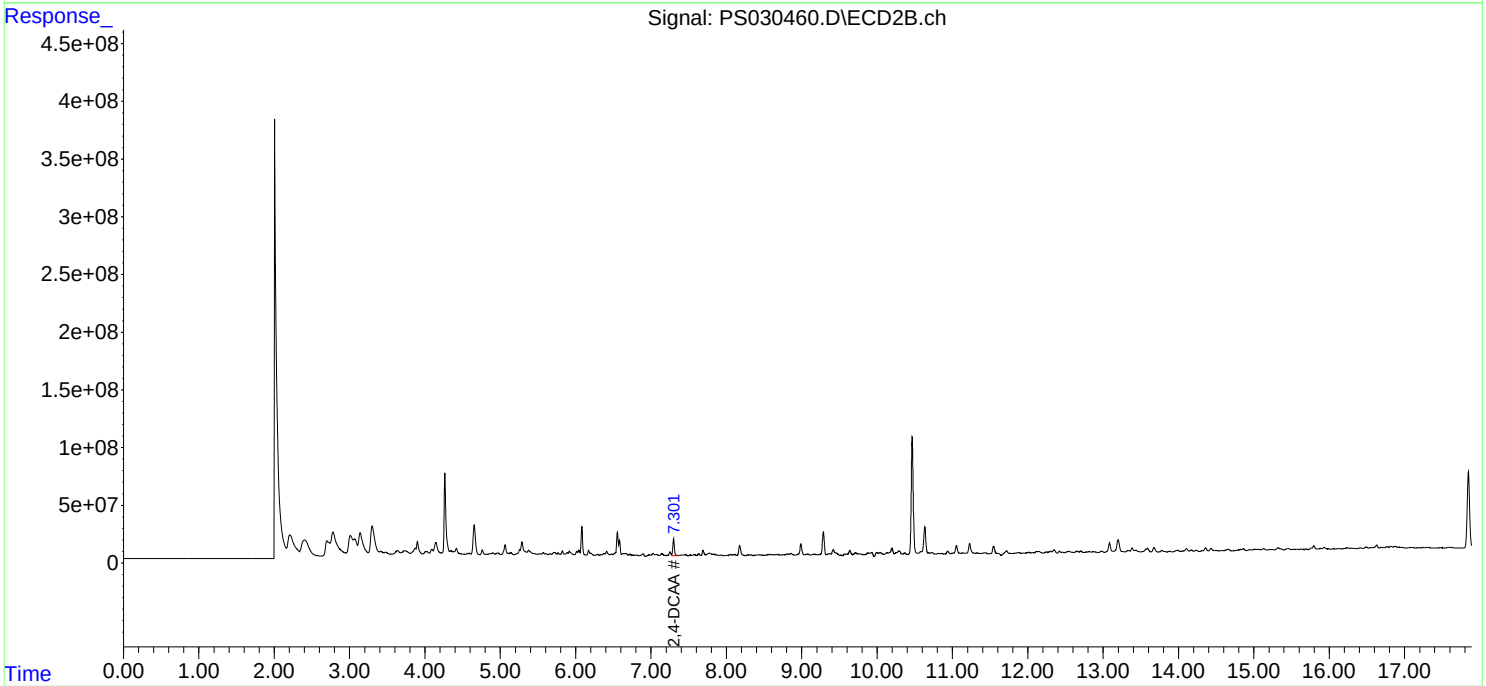
Manual Integrations APPROVED

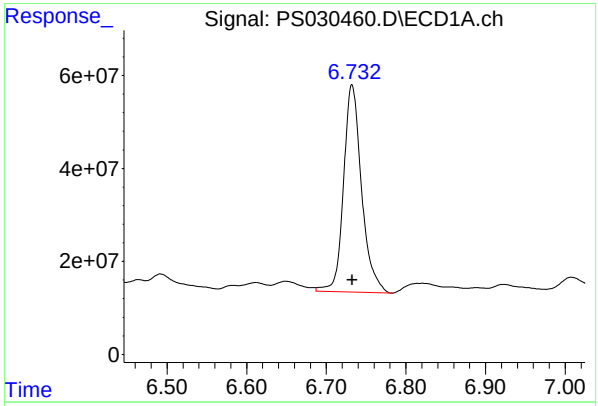
Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







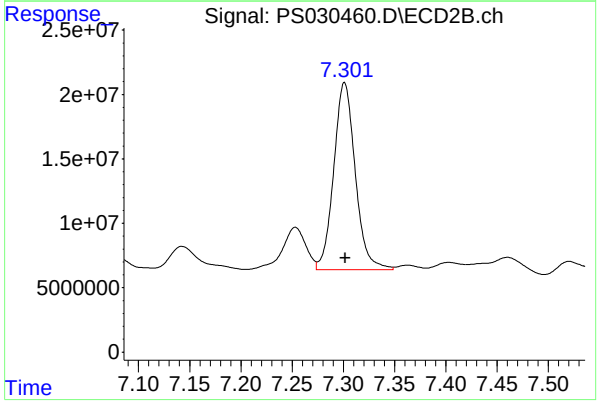
#4 2,4-DCAA

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

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

Raw Data: **PS030461.D**

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

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 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

Sample Results: **PS030461.D**

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

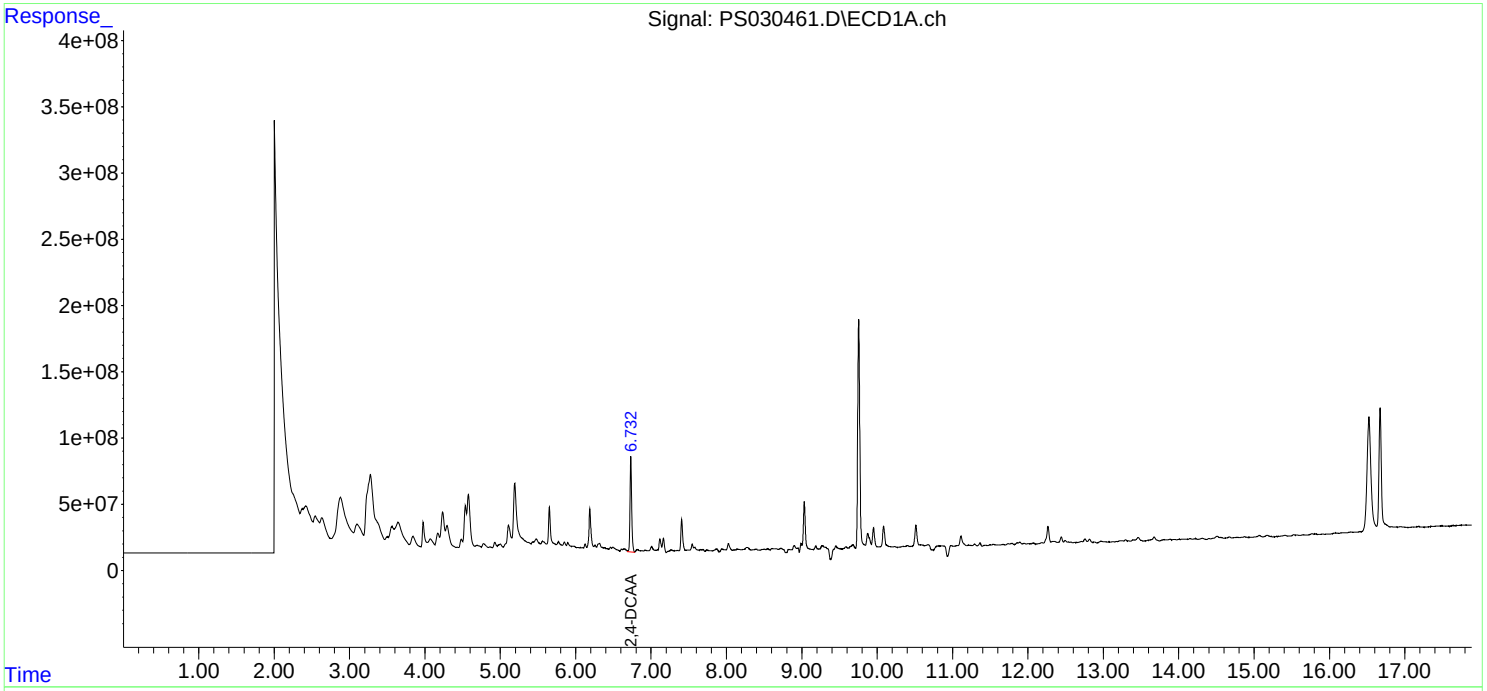
Instrument :
ECD_S
ClientSampleId :
TP-42

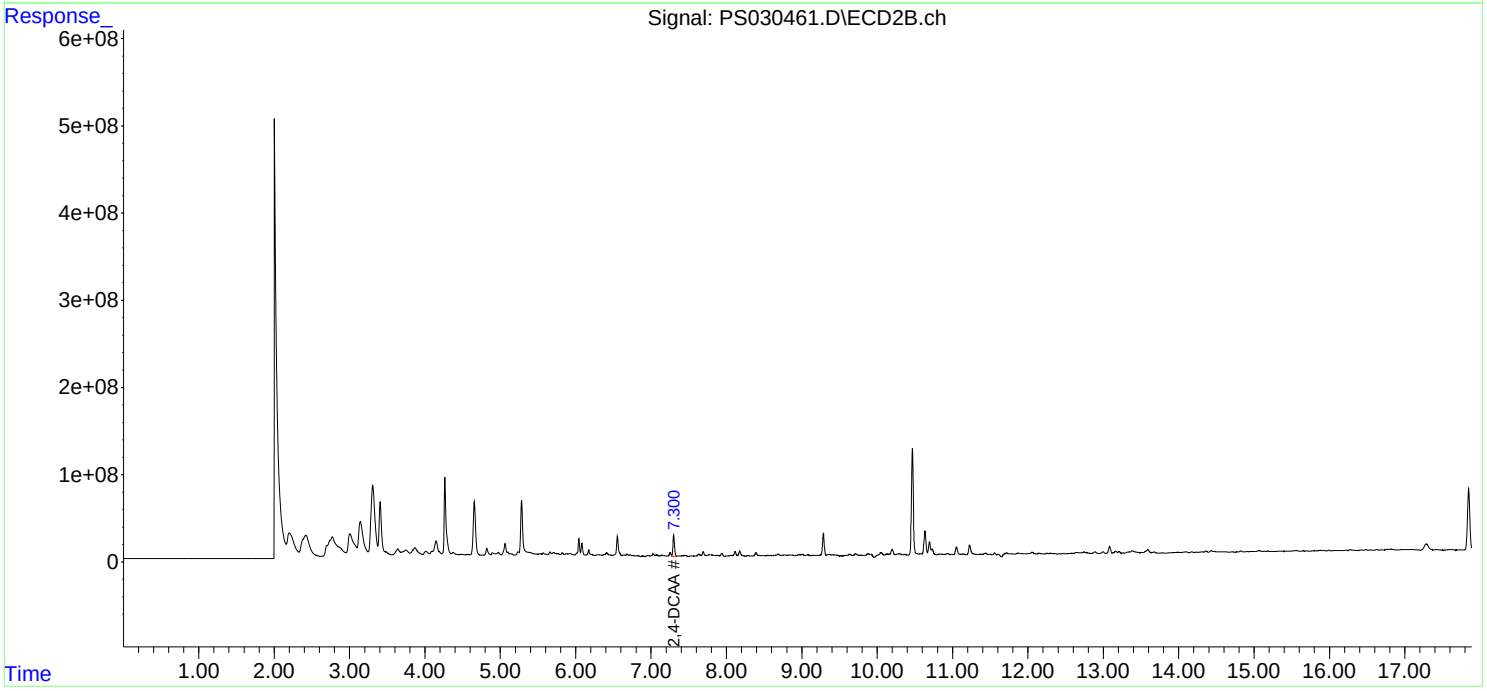
Manual Integrations APPROVED

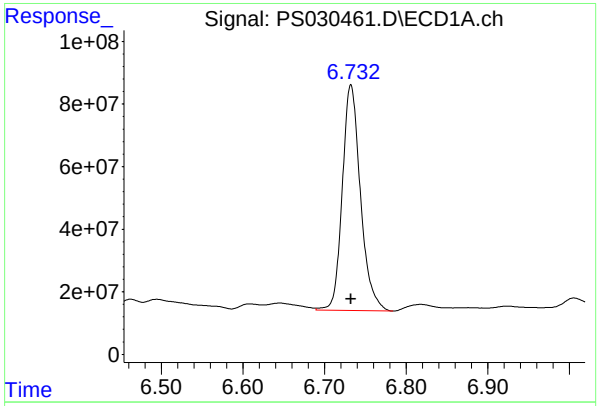
Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







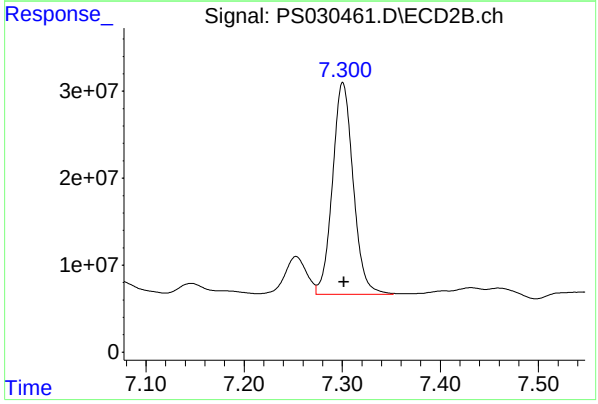
#4 2,4-DCAA

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

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

Raw Data: **PS030462.D**

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

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 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

Quantitation Report (QT Reviewed)

Sample Results: **PS030462.D**

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 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.

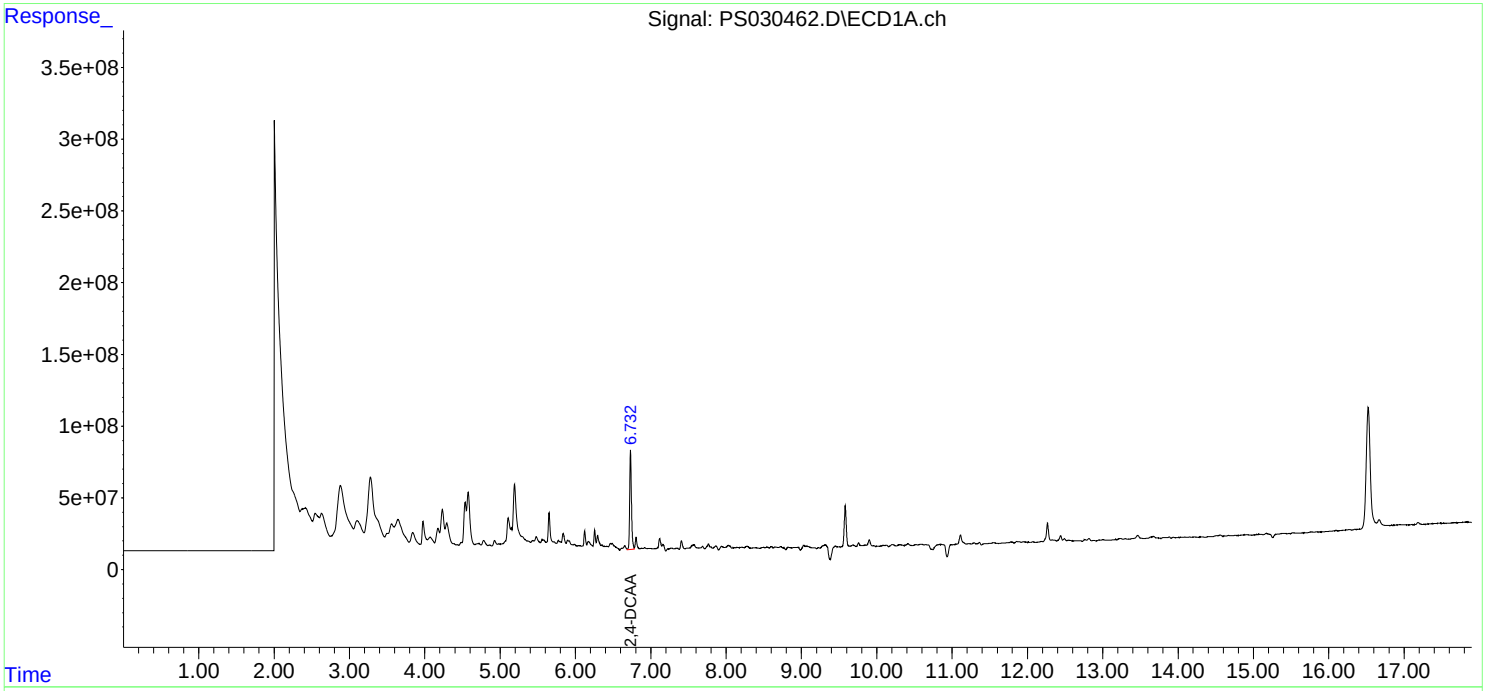
Sample Results: **PS030462.D**

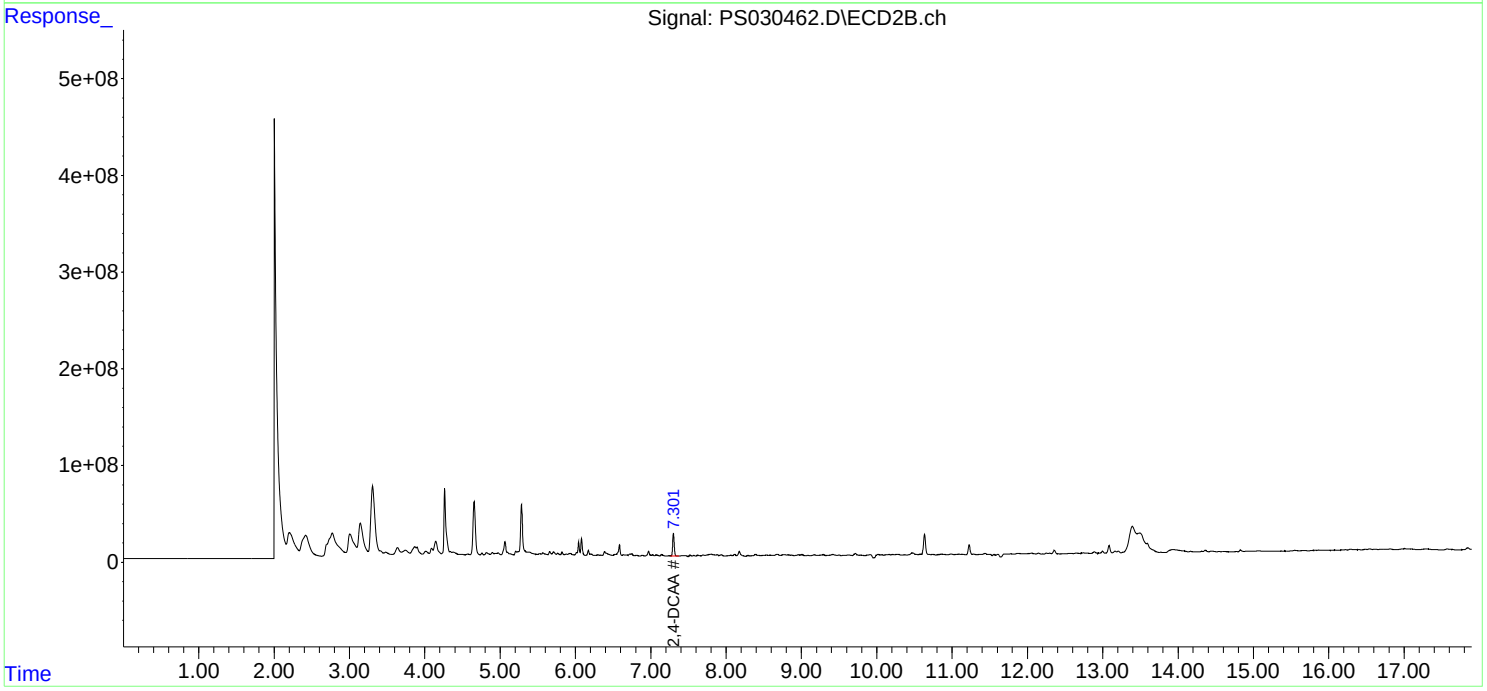
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 20:35
Operator : AR\AJ
Sample : Q2150-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

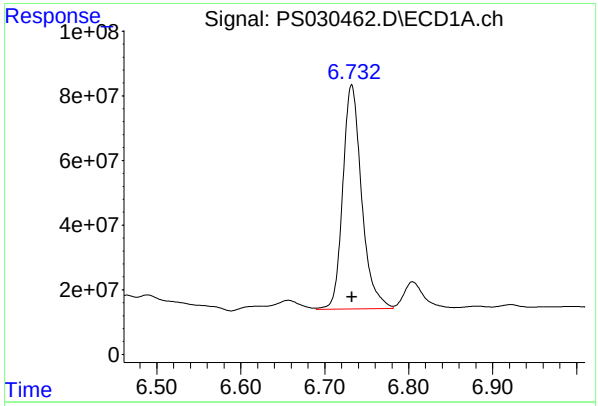
Instrument :
ECD_S
ClientSampleId :
TP-39

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



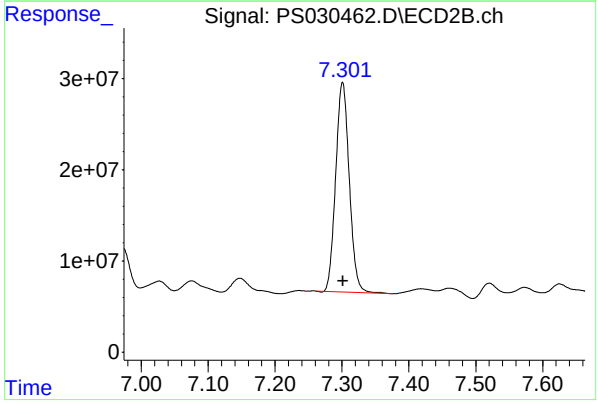




#4 2,4-DCAA

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

Raw Data: **PS030463.D**

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

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 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

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
	System Monitoring Compounds						
4) S	2,4-DCAA	6.732	7.300	970.2E6	280.7E6	239.402	220.573
	Target Compounds						

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

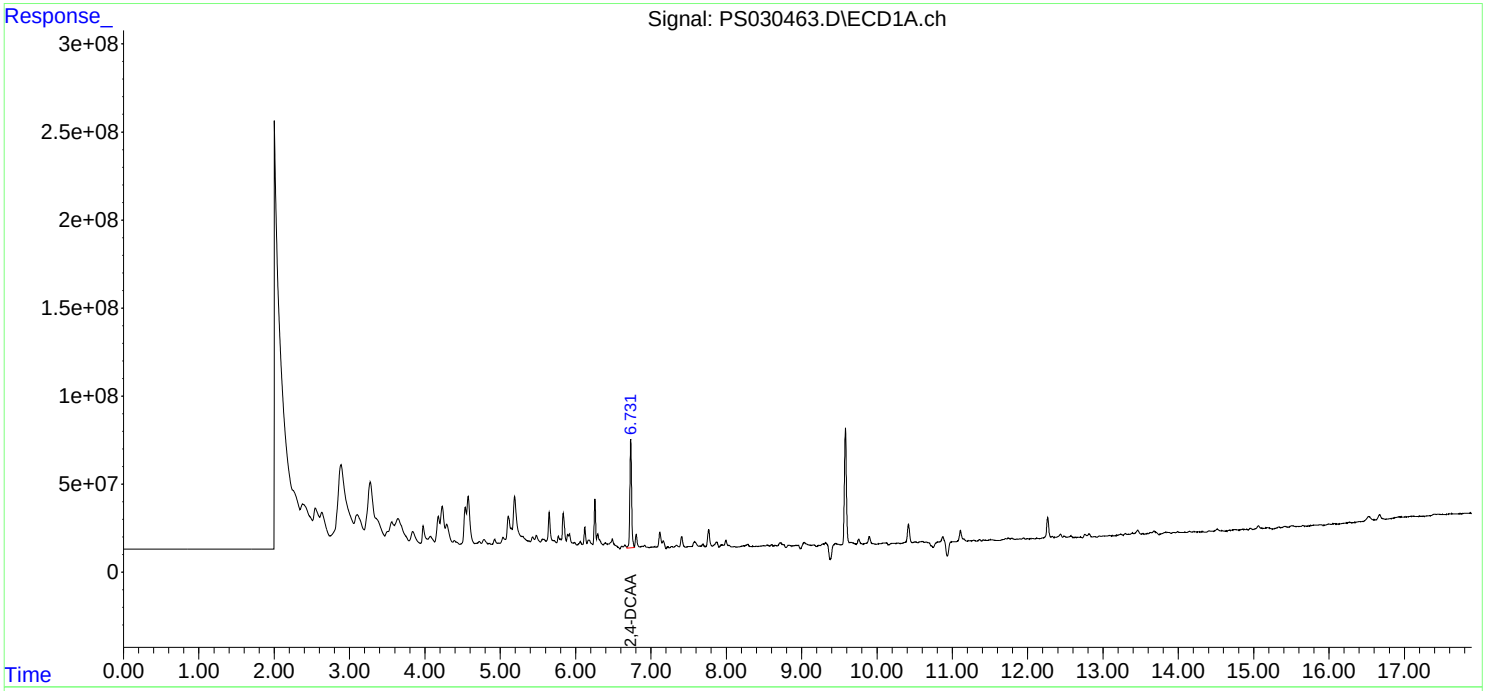
Sample Results: **PS030463.D**

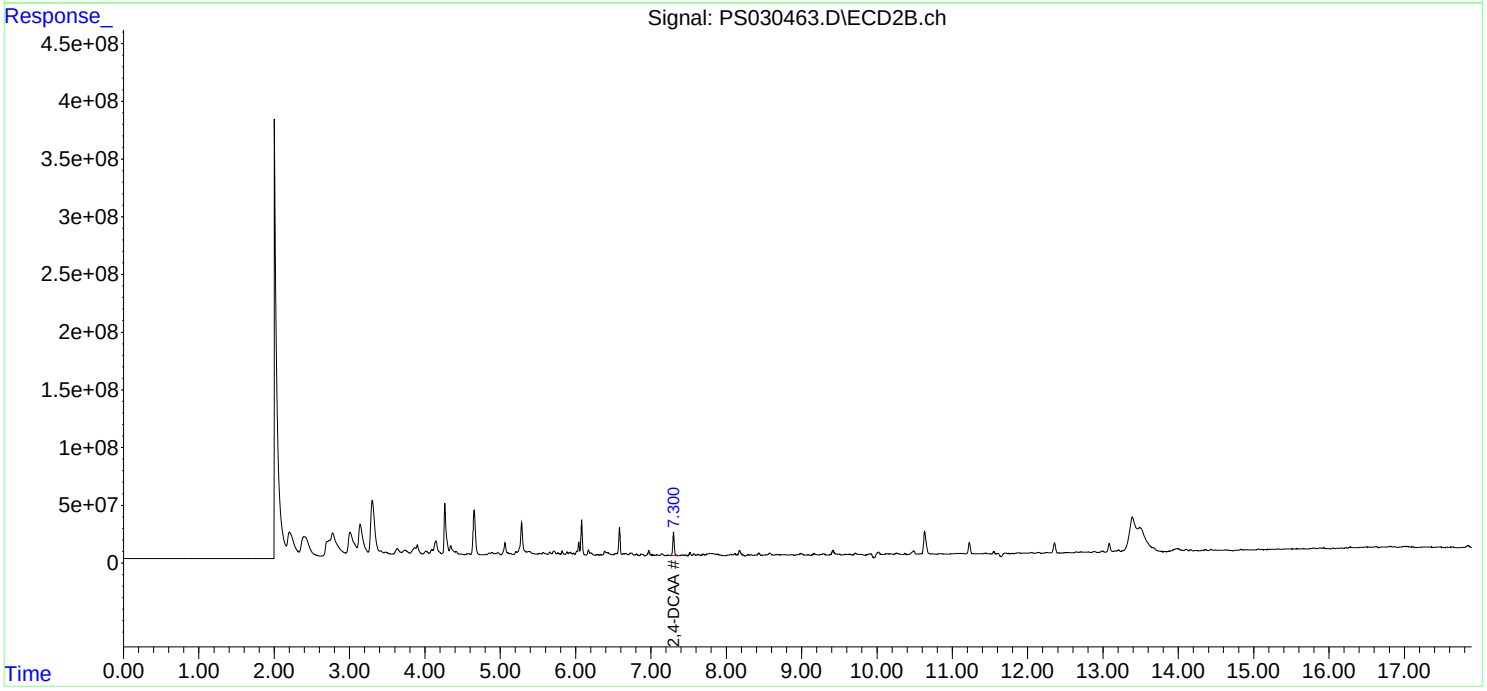
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 20:59
Operator : AR\AJ
Sample : Q2150-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

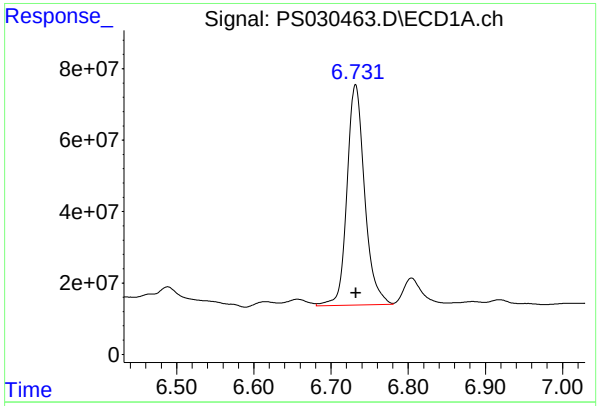
Instrument :
ECD_S
ClientSampleId :
TP-48

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



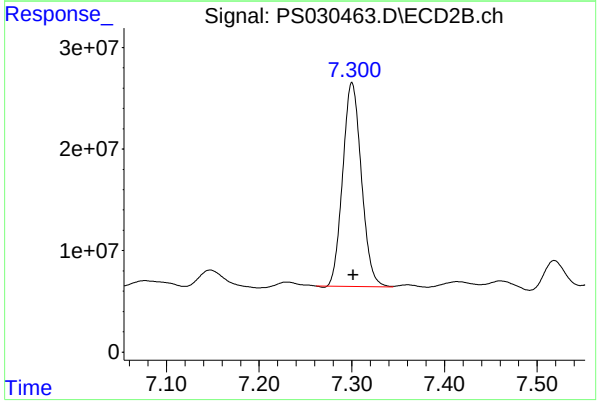




#4 2,4-DCAA

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

Raw Data: **PS030464.D**

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

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 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

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 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						

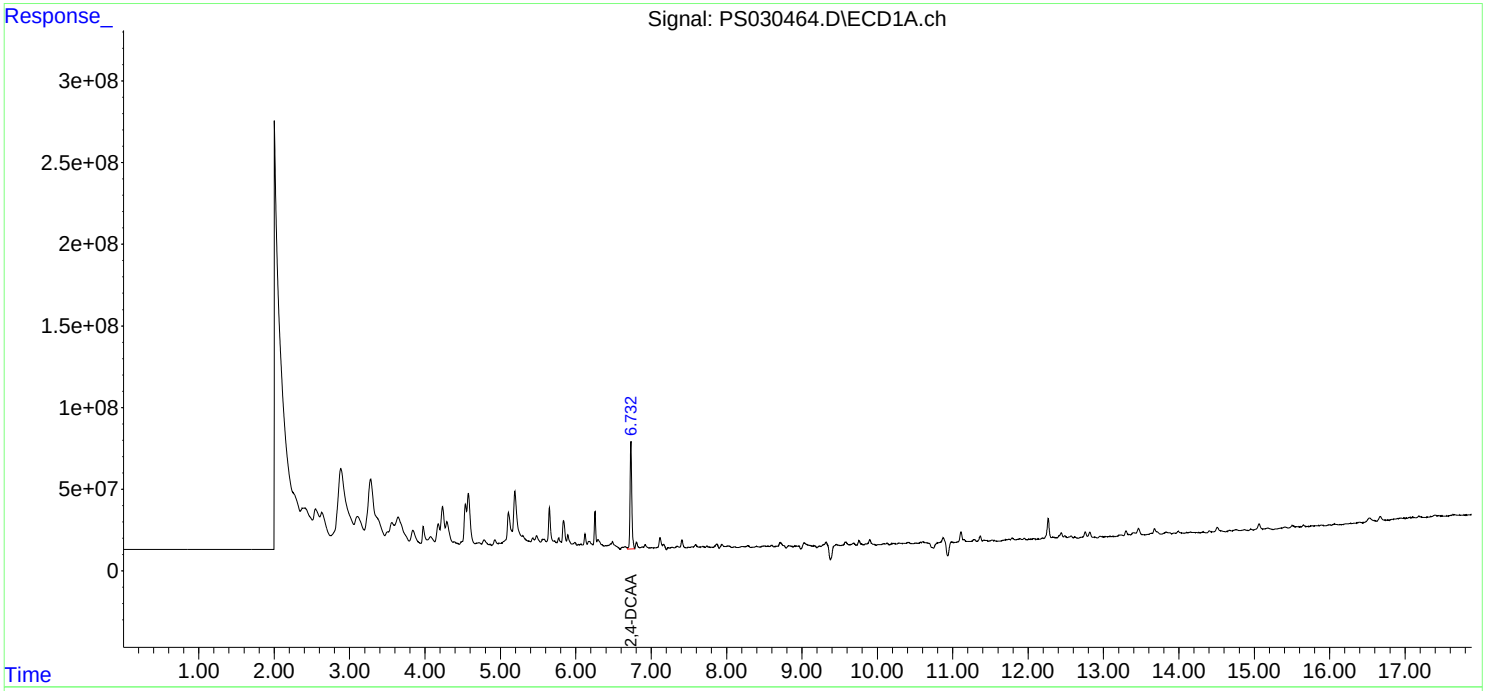
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

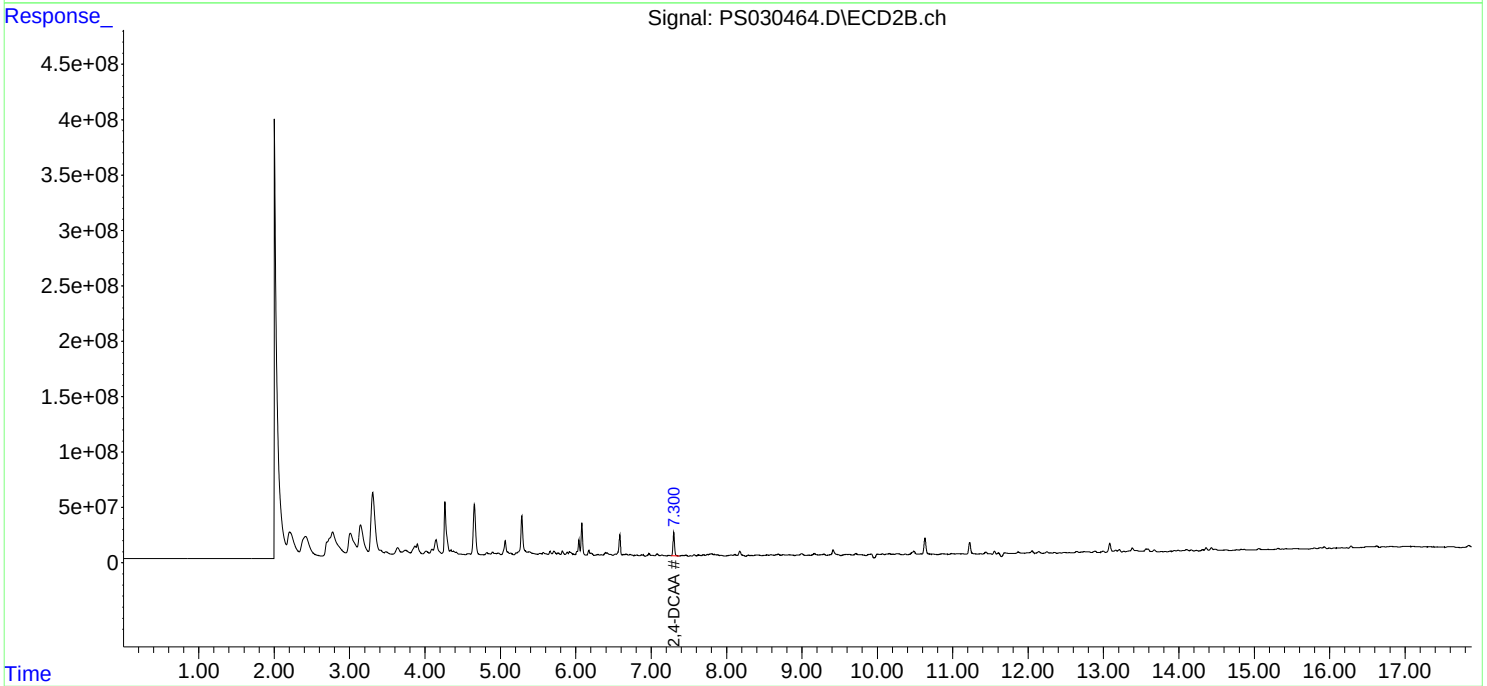
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 21:23
Operator : AR\AJ
Sample : Q2150-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

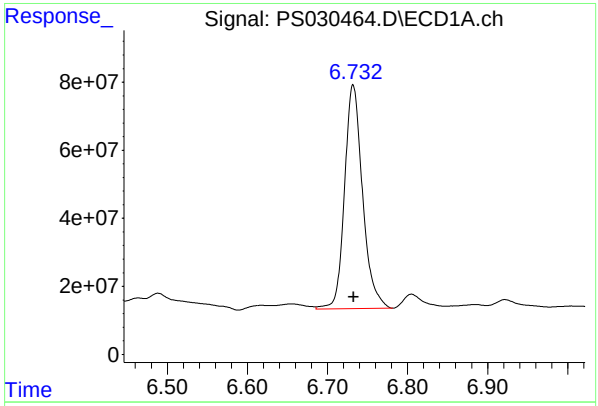
Instrument :
ECD_S
ClientSampleId :
TP-47

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



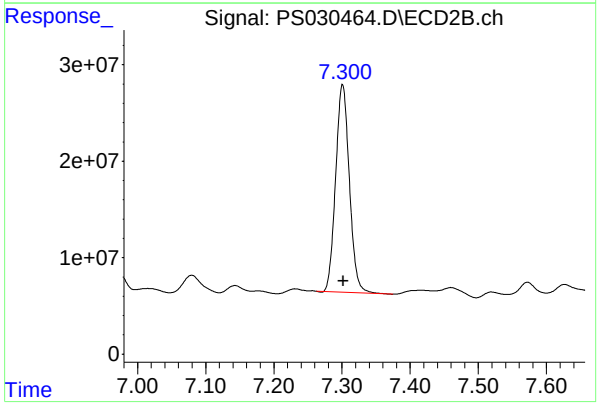




#4 2,4-DCAA

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

Raw Data: **PS030624.D**

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

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 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

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

	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.

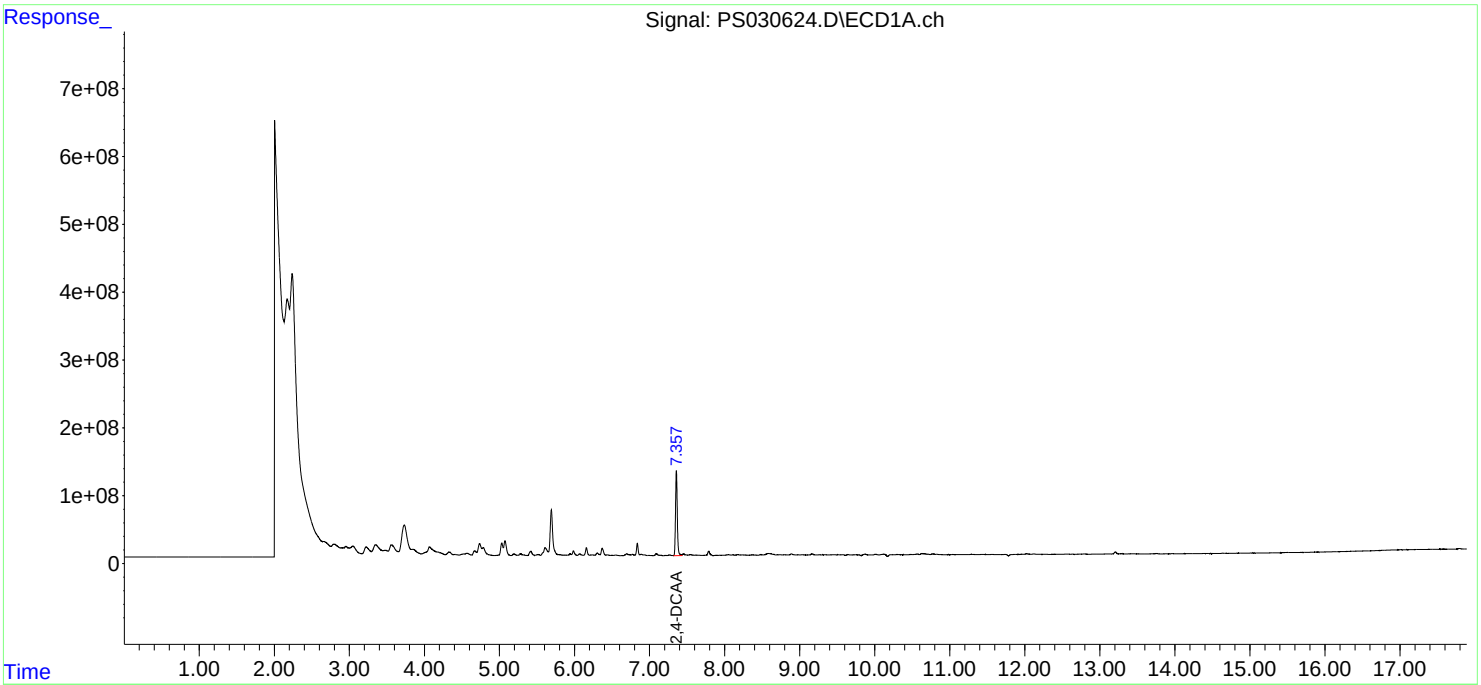
Sample Results: **PS030624.D**

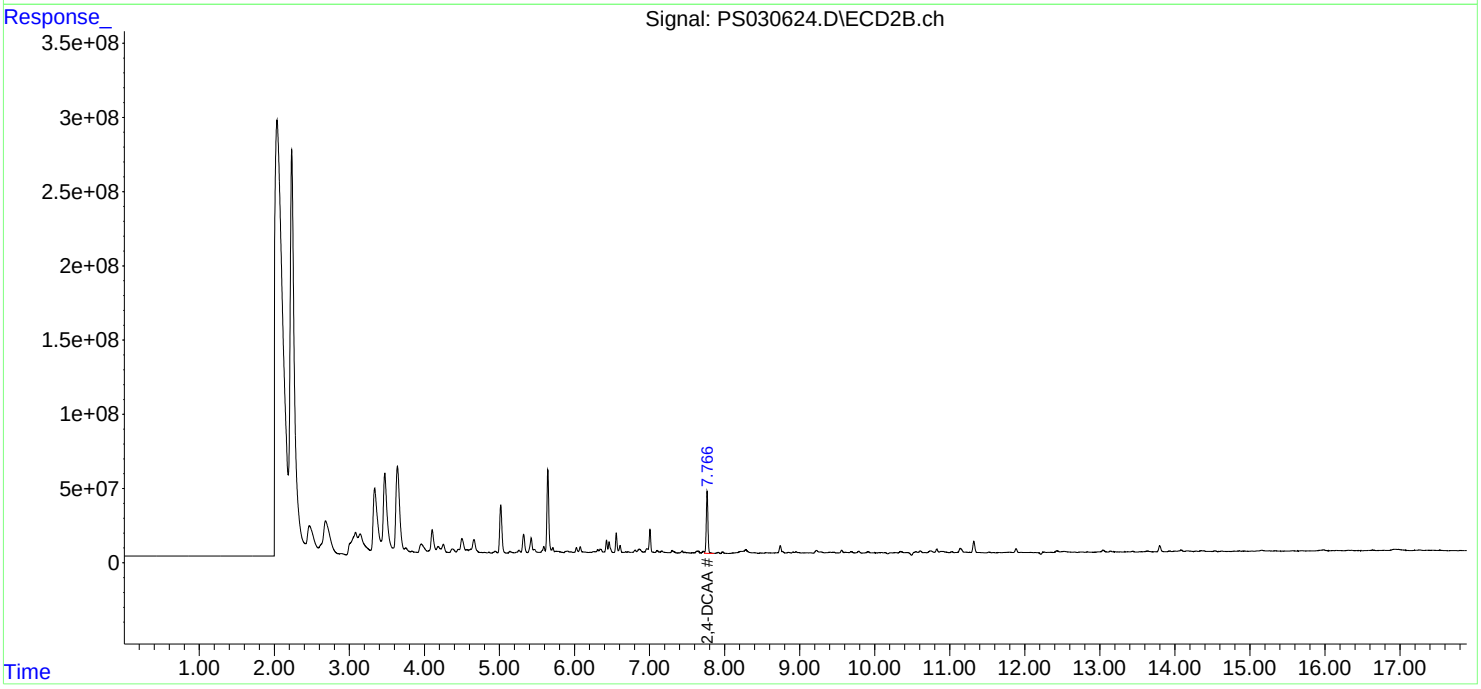
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030624.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:52
Operator : AR\AJ
Sample : Q2150-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

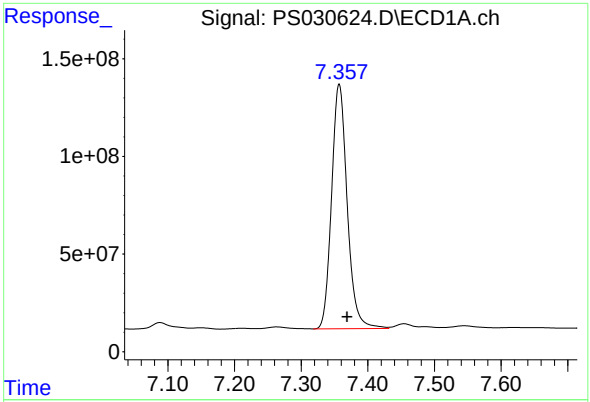
Instrument :
ECD_S
ClientSampleId :
TP-50

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



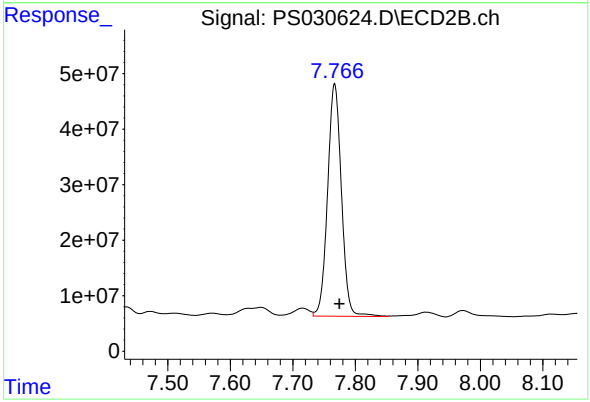




#4 2,4-DCAA

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

Instrument :
ECD_S
ClientSampleId :
TP-50



#4 2,4-DCAA

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

Raw Data: **PS030468.D**

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

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 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

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 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	1002.3E6	311.1E6	247.338	244.448
	Target Compounds						

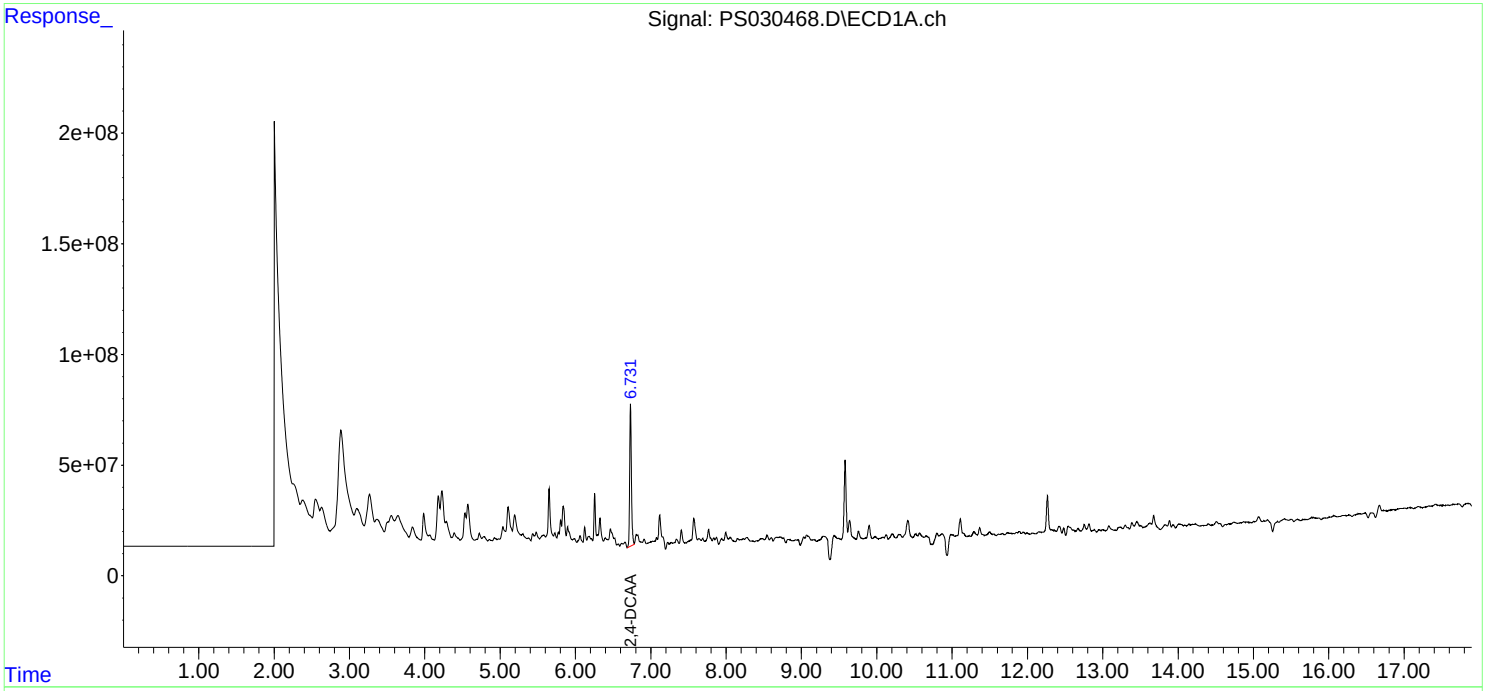
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

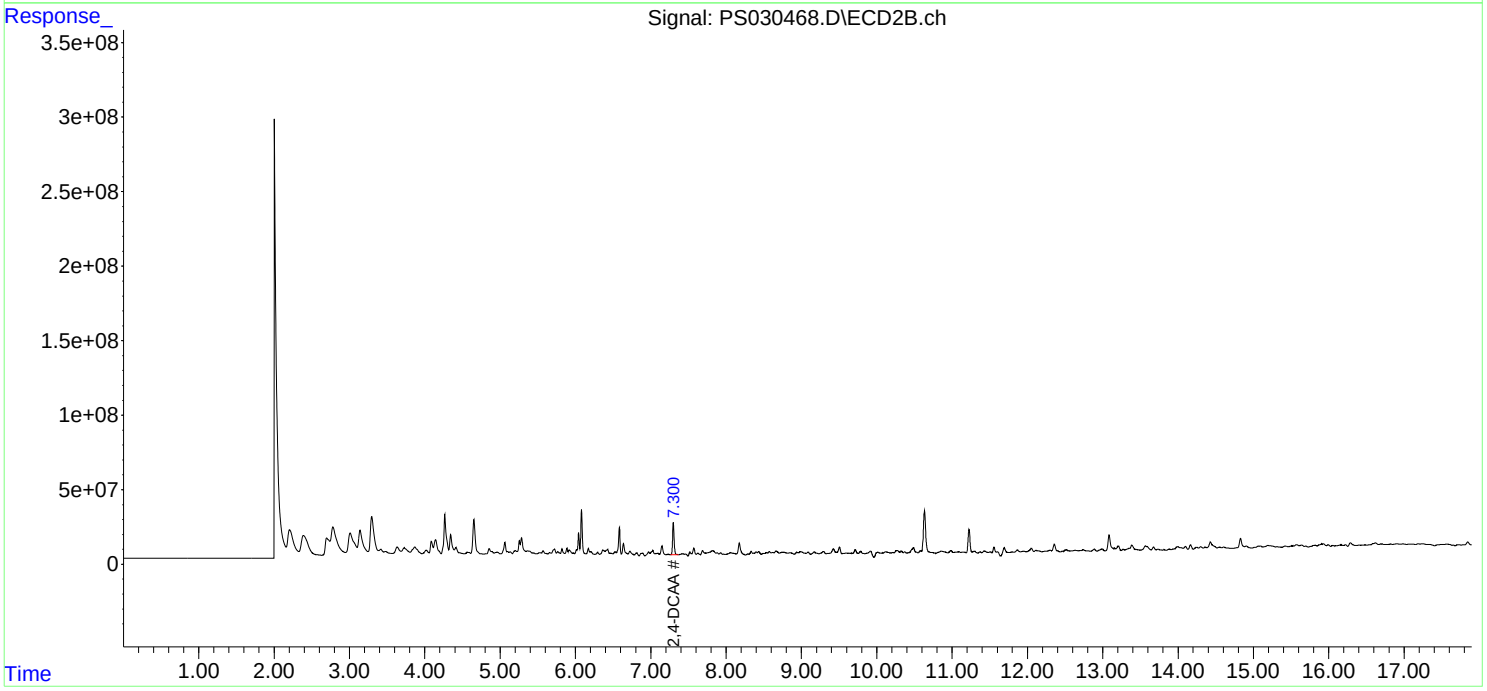
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 22:59
Operator : AR\AJ
Sample : Q2150-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

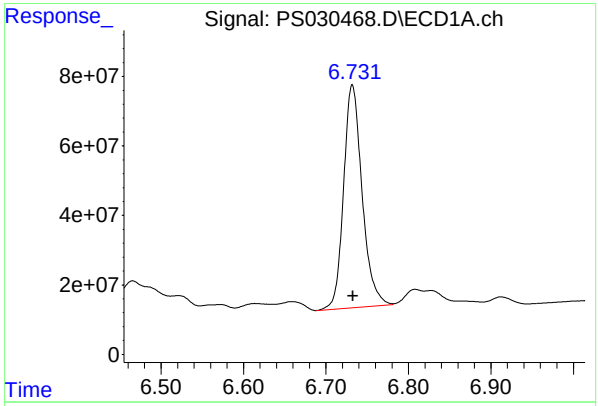
Instrument :
ECD_S
ClientSampleId :
TP-51

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



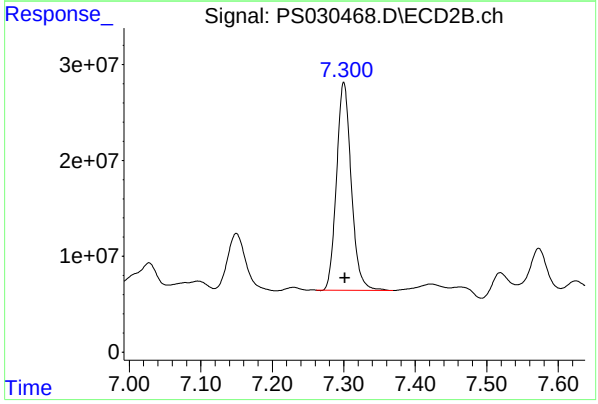




#4 2,4-DCAA

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

Raw Data: **PS030469.D**

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

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 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

Sample Results: **PS030469.D**

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

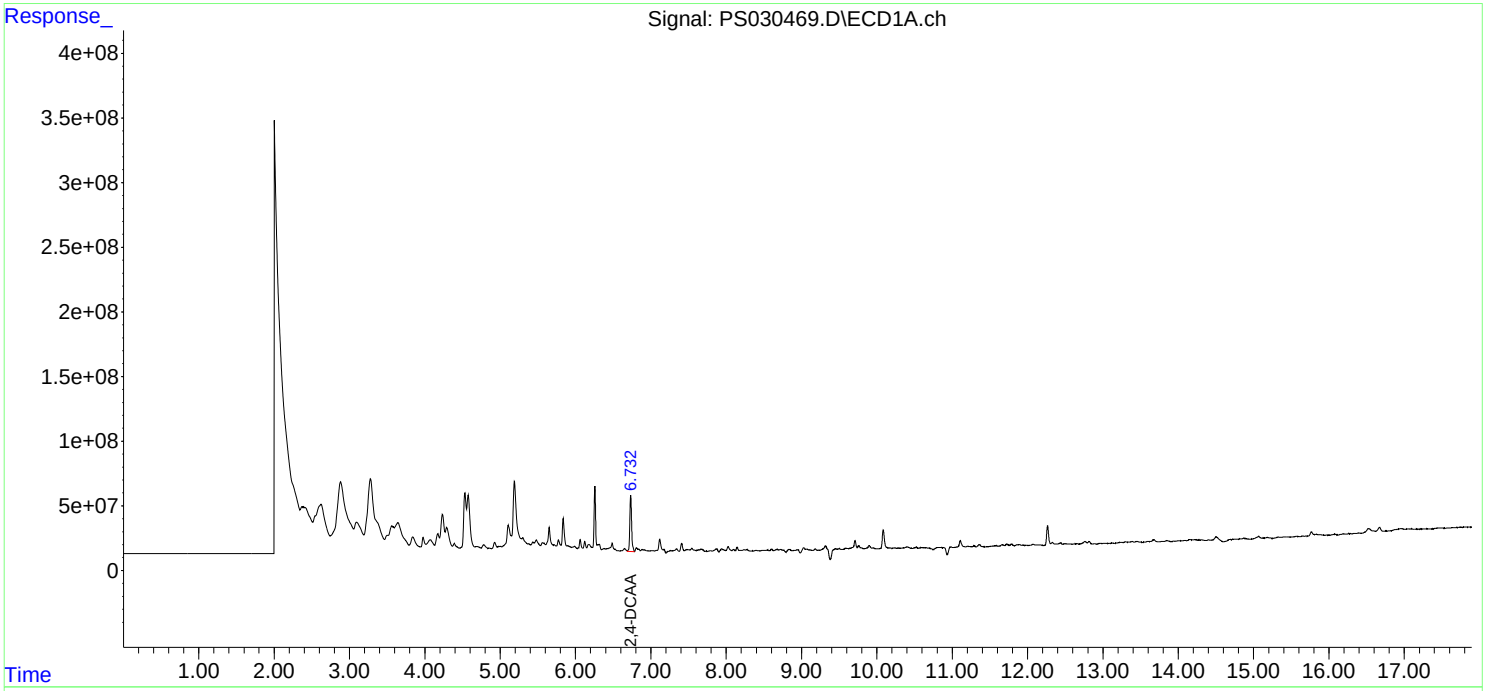
Instrument :
ECD_S
ClientSampleId :
TP-52

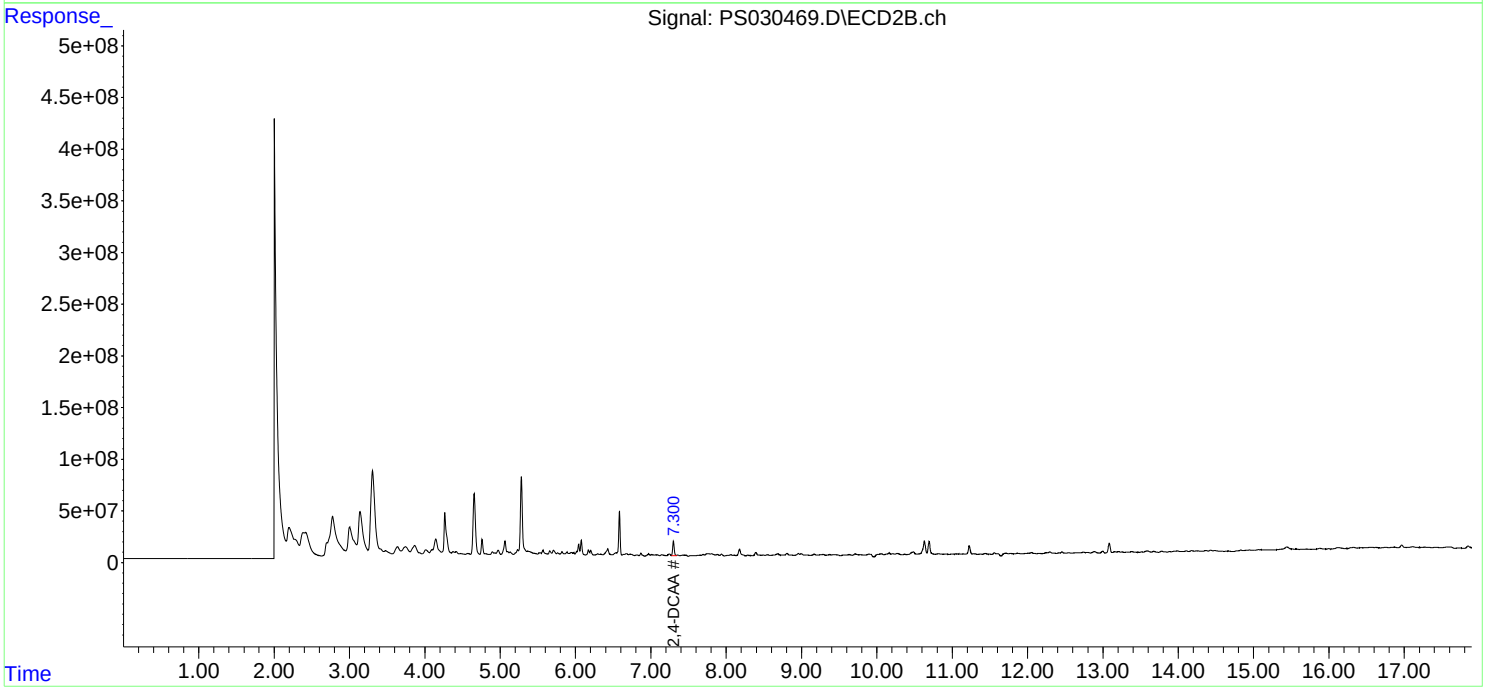
Manual Integrations APPROVED

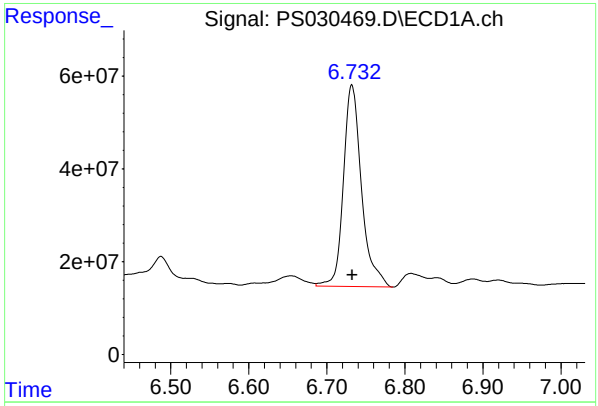
Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







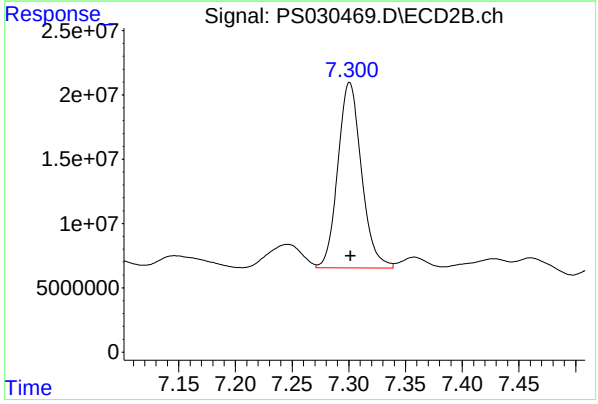
#4 2,4-DCAA

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

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

Raw Data: **PS030470.D**

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

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 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

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
	System Monitoring Compounds						
4) S	2,4-DCAA	6.732	7.300	1340.6E6	406.8E6	330.814	319.680
	Target Compounds						

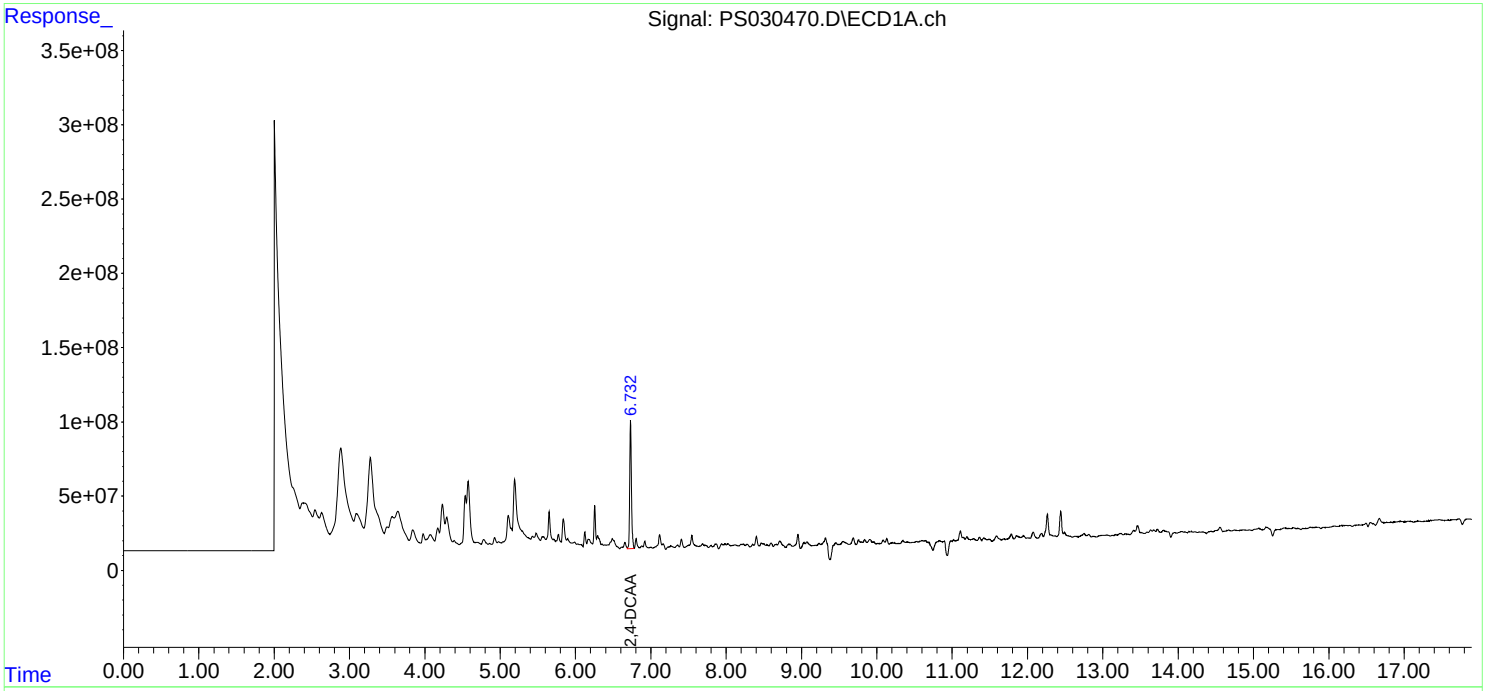
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

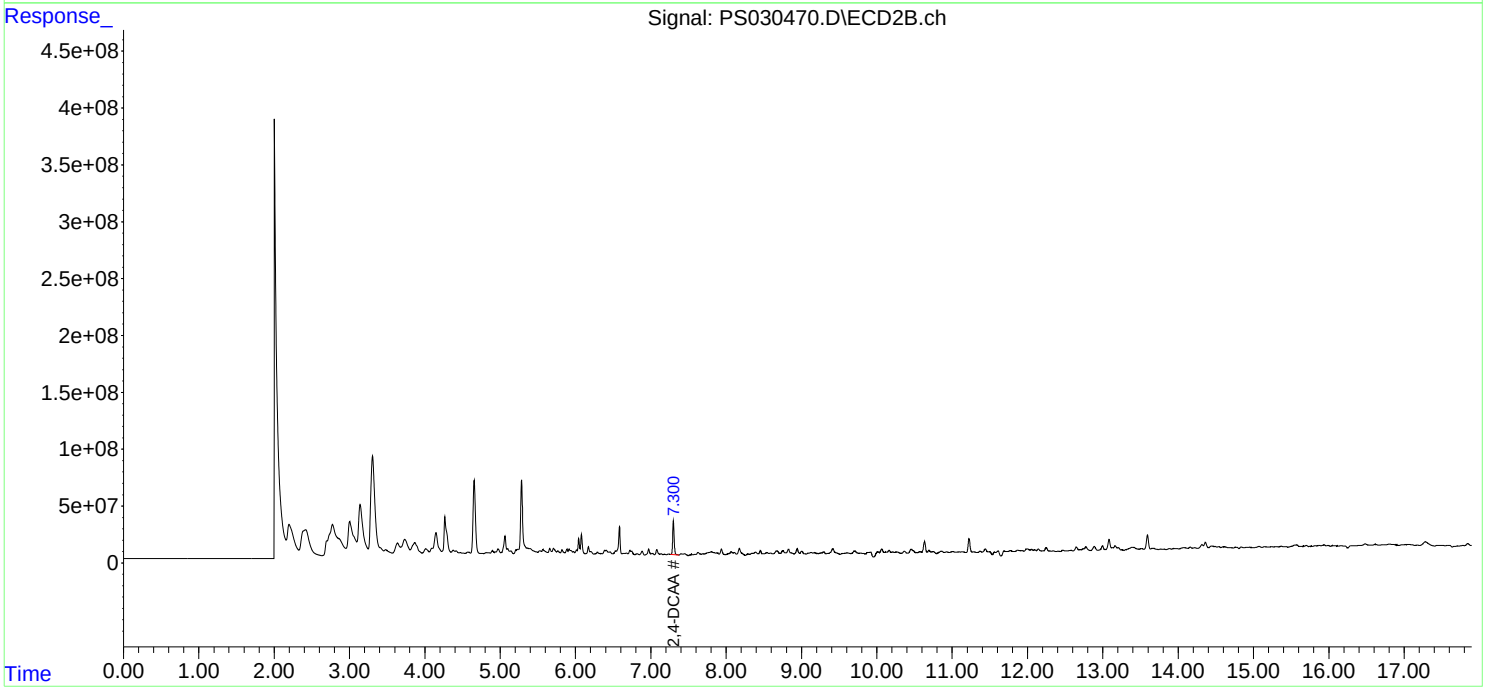
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 23:47
Operator : AR\AJ
Sample : Q2150-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

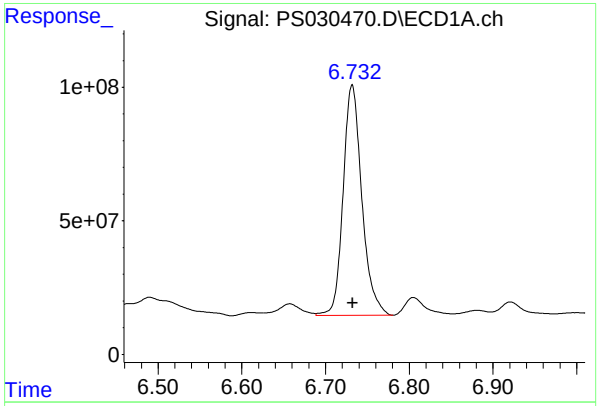
Instrument :
ECD_S
ClientSampleId :
TP-54

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



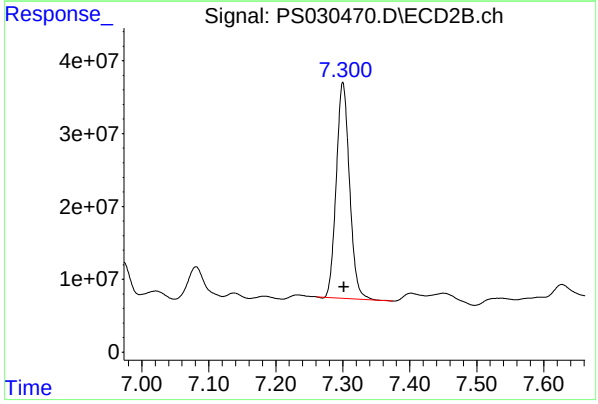




#4 2,4-DCAA

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

Raw Data: **PS030471.D**

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

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 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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

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 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	1183.2E6	363.1E6	291.978	285.361
	Target Compounds						

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

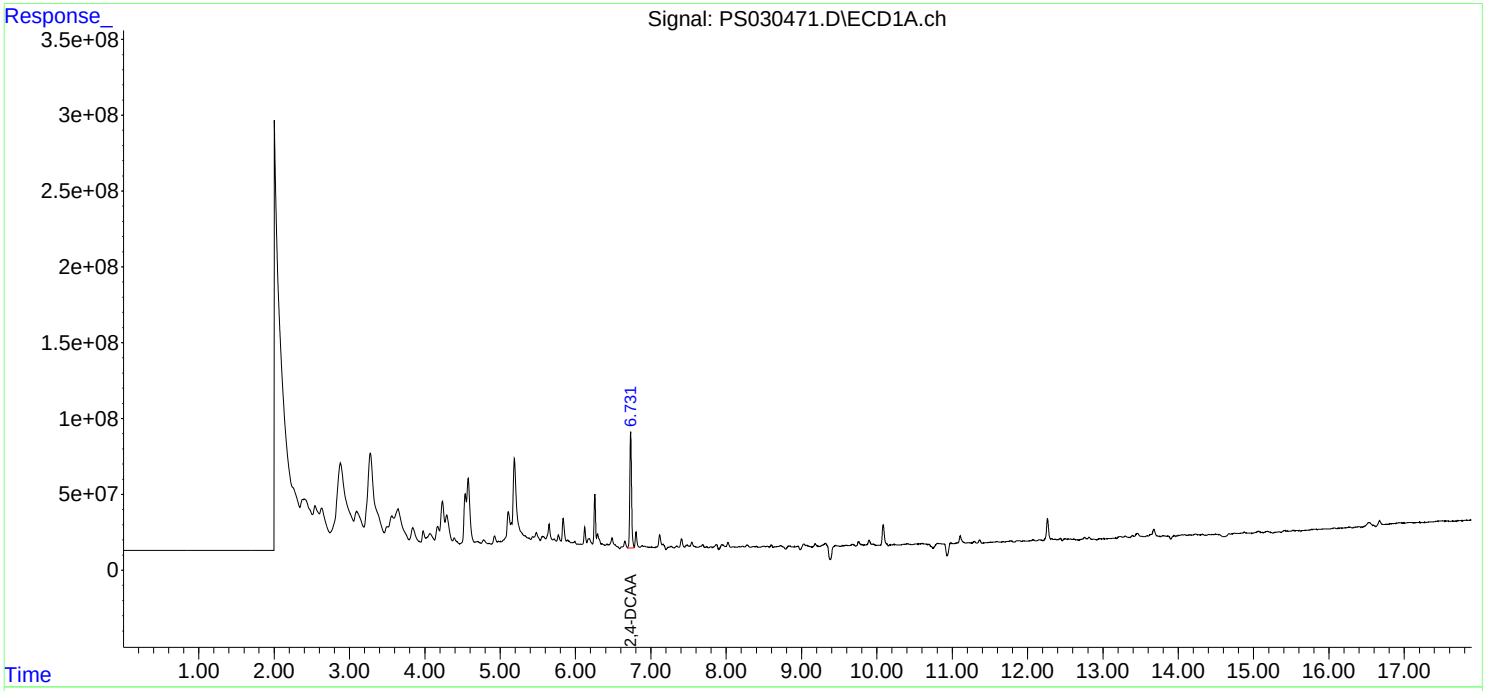
Sample Results: **PS030471.D**

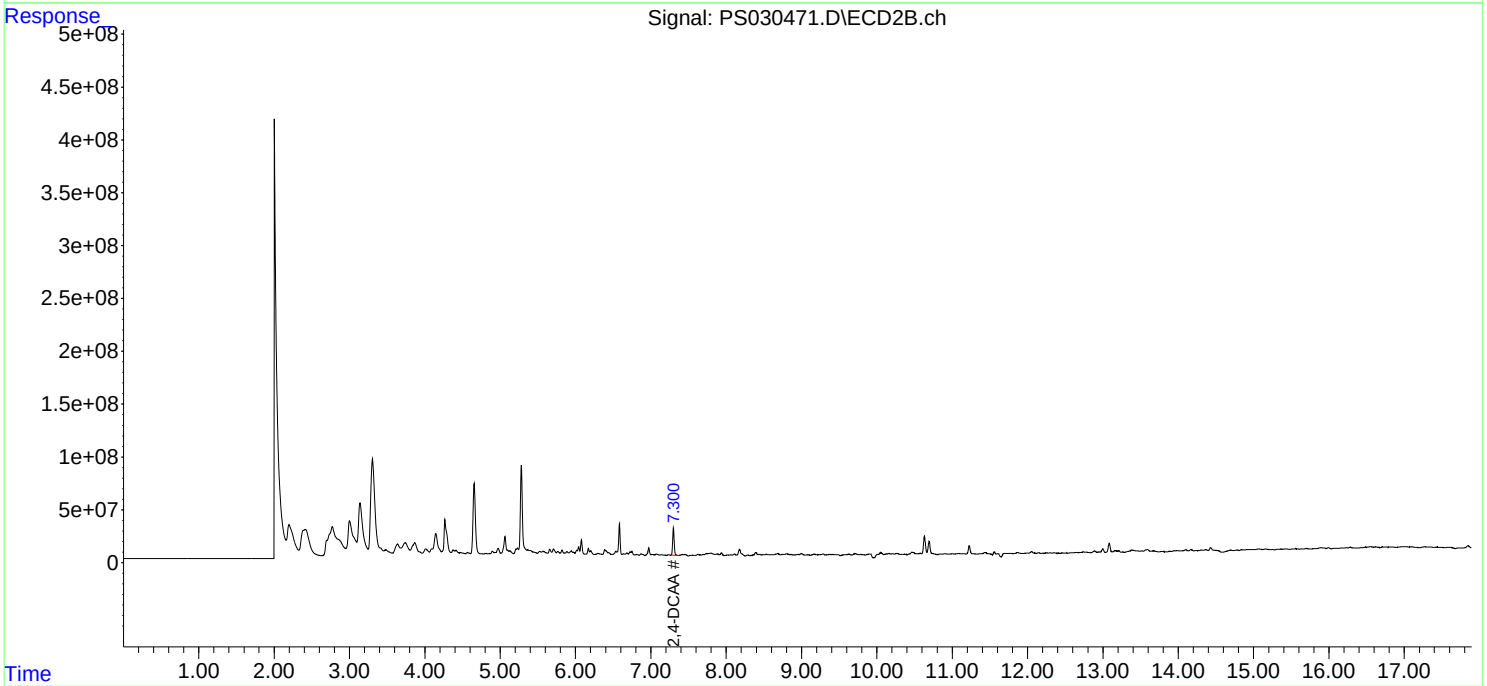
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 00:11
Operator : AR\AJ
Sample : Q2150-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

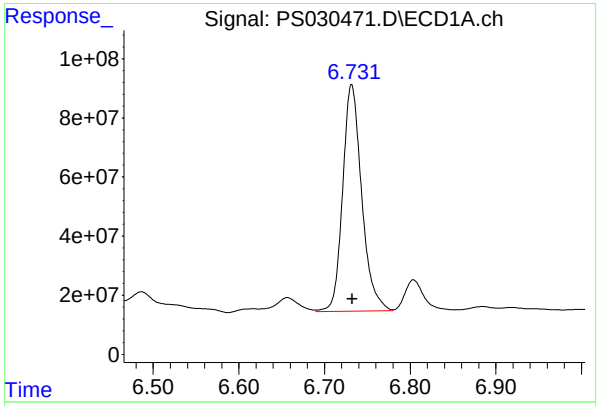
Instrument :
ECD_S
ClientSampleId :
TP-53

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



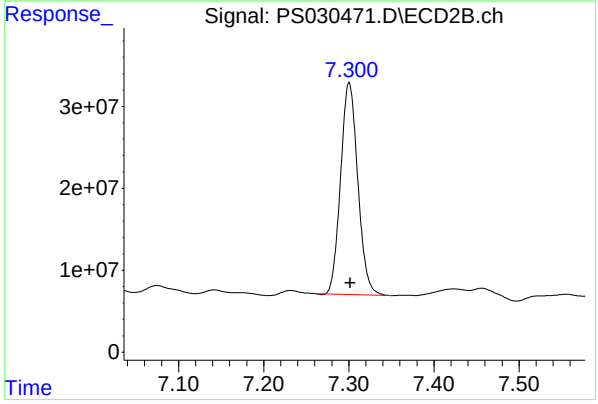




#4 2,4-DCAA

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

CALIBRATION SUMMARY

Raw Data

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

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-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS030437.D RT 500 = PS030438.D

RT 750 = PS030439.D RT 1000 = PS030440.D RT 1500 = PS030441.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
2,4,5-TP(Silvex)	8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
2,4-D	7.79	7.79	7.79	7.79	7.79	7.79	7.69	7.89
2,4-DB	9.44	9.43	9.43	9.43	9.43	9.43	9.33	9.53
2,4-DCAA	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
DICAMBA	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
DICHLORPROP	7.57	7.57	7.57	7.57	7.57	7.57	7.47	7.67
Dinoseb	10.57	10.57	10.57	10.57	10.57	10.57	10.47	10.67

Raw Data

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

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 = PS030437.D RT 500 = PS030438.D

RT 750 = PS030439.D RT 1000 = PS030440.D RT 1500 = PS030441.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.74	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

Raw Data

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

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 =** PS030437.D **CF 500 =** PS030438.D

CF 750 = PS030439.D **CF 1000 =** PS030440.D **CF 1500 =** PS030441.D

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

Raw Data

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

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 =** PS030437.D **CF 500 =** PS030438.D

CF 750 = PS030439.D **CF 1000 =** PS030440.D **CF 1500 =** PS030441.D

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	2390000000	2028250000	1963060000	1944330000	1916400000	2048410000	10
2,4-DB	1560720000	1342350000	1316050000	1328560000	1324320000	1374400000	8
2,4-DCAA	1474050000	1257260000	1220920000	1210210000	1199880000	1272460000	9
DICAMBA	8659020000	7825580000	7740450000	7710310000	7614570000	7909980000	5
DICHLORPROP	2204770000	1892240000	1801270000	1778540000	1750450000	1885450000	10
Dinoseb	13001900000	11375000000	10900700000	10837000000	10570200000	11337000000	9

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 09:13
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

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 02 11:24:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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	6.733	7.302	1029.1E6	294.8E6	253.958	231.684
		Target Compounds						
1)	T	Dalapon	2.313	2.407	1468.9E6	746.0E6	220.827	214.732
2)	T	3,5-DICHL...	5.967	6.320	1389.1E6	381.7E6	231.017	214.567
3)	T	4-Nitroph...	6.528	6.841	504.7E6	330.5E6	216.817	206.026
5)	T	DICAMBA	6.903	7.482	3941.3E6	1627.9E6	228.007	205.803
6)	T	MCPP	7.079	7.589	198.5E6	58577210	17.963	19.406
7)	T	MCPA	7.218	7.815	266.2E6	84159831	18.800	20.770
8)	T	DICHLORPROP	7.570	8.167	978.8E6	414.5E6	236.864	219.839
9)	T	2,4-D	7.787	8.476	1019.3E6	449.3E6	233.071	219.351
10)	T	Pentachlo...	8.049	8.963	15252.5E6	9178.9E6	260.704	229.502
11)	T	2,4,5-TP ...	8.608	9.344	5770.9E6	3559.6E6	234.429	217.493
12)	T	2,4,5-T	8.886	9.744	5064.4E6	3194.0E6	226.600	216.323
13)	T	2,4-DB	9.435	10.296	752.0E6	296.5E6	214.628	215.757
14)	T	DINOSEB	10.573	10.664	4353.5E6	2444.4E6	233.470	215.609
15)	T	Picloram	10.397	11.683	5865.4E6	5187.1E6	213.347	207.101m
16)	T	DCPA	10.874	11.682	7405.3E6	4594.2E6	241.316	211.571m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 09:13
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

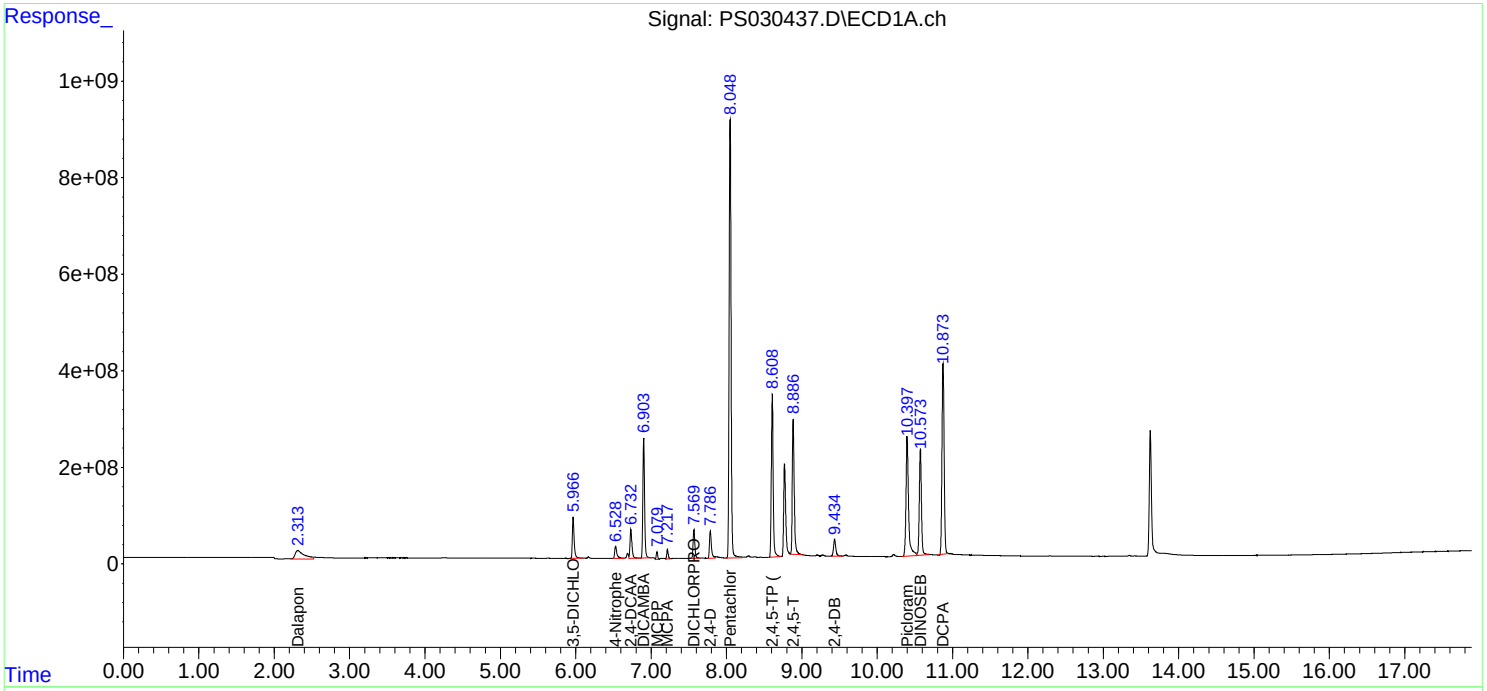
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

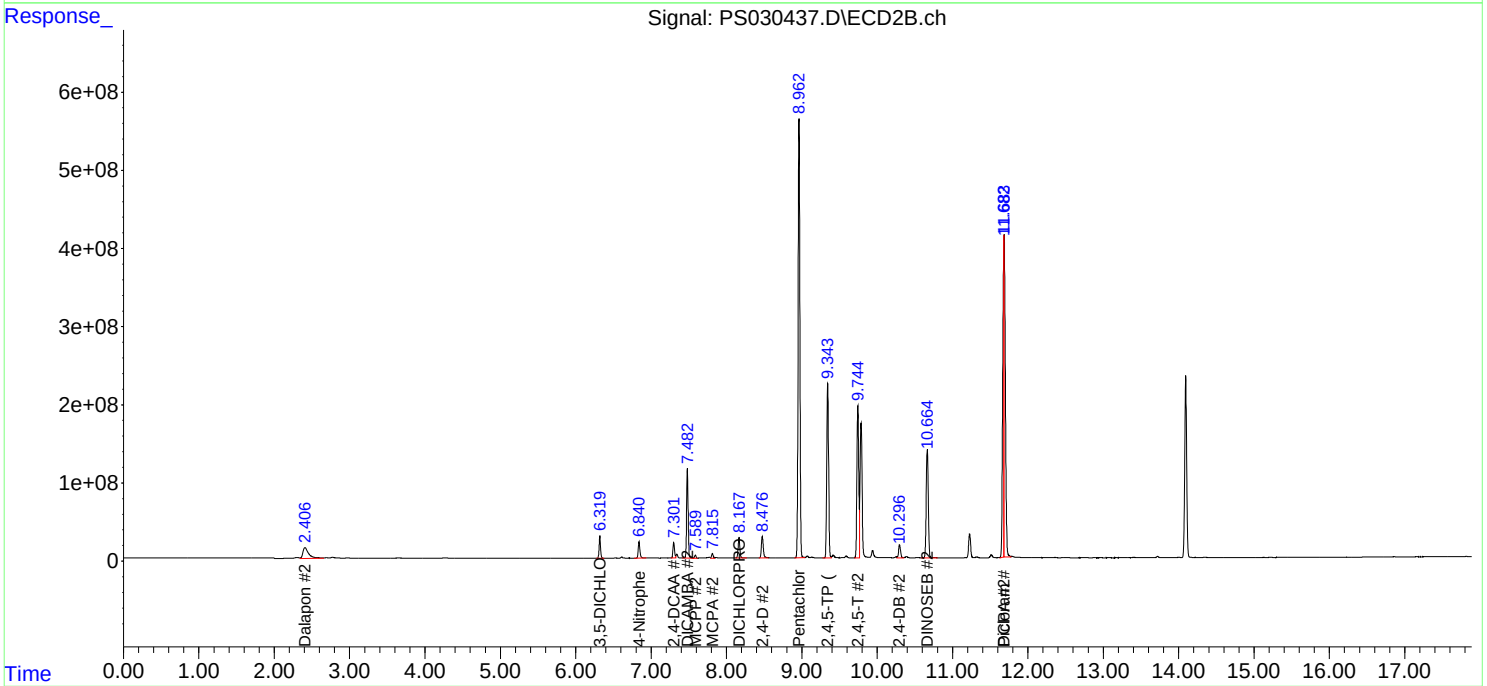
Manual Integrations APPROVED

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 02 11:24:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 09:37
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

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 02 11:22:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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	7.302	2028.5E6	628.6E6	536.771	514.398
		Target Compounds						
1)	T	Dalapon	2.309	2.407	3023.4E6	1580.6E6	480.127	476.387
2)	T	3,5-DICHL...	5.966	6.320	2818.6E6	824.7E6	498.940	482.065
3)	T	4-Nitroph...	6.527	6.840	1076.4E6	732.9E6	485.681	472.492
5)	T	DICAMBA	6.904	7.483	8058.8E6	3678.0E6	492.402	476.260
6)	T	MCPP	7.082	7.592	495.1E6	139.7E6	44.306	46.658
7)	T	MCPA	7.221	7.818	634.6E6	180.0E6	44.936	45.752
8)	T	DICHLORPROP	7.570	8.168	1941.5E6	889.4E6	502.498	492.546
9)	T	2,4-D	7.786	8.476	2048.2E6	953.3E6	498.189	485.620
10)	T	Pentachlo...	8.050	8.963	31303.4E6	19937.1E6	589.938	525.819
11)	T	2,4,5-TP ...	8.608	9.344	11862.4E6	7882.3E6	511.797	499.690
12)	T	2,4,5-T	8.885	9.744	10705.4E6	7079.2E6	503.236	496.662
13)	T	2,4-DB	9.434	10.297	1637.0E6	637.6E6	482.830	480.197
14)	T	DINOSEB	10.573	10.664	8849.2E6	5346.3E6	505.113	489.552
15)	T	Picloram	10.396	11.682	13029.7E6	12317.4E6	488.965	505.722m
16)	T	DCPA	10.873	11.682	15060.4E6	10968.5E6	524.454	514.661m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 09:37
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

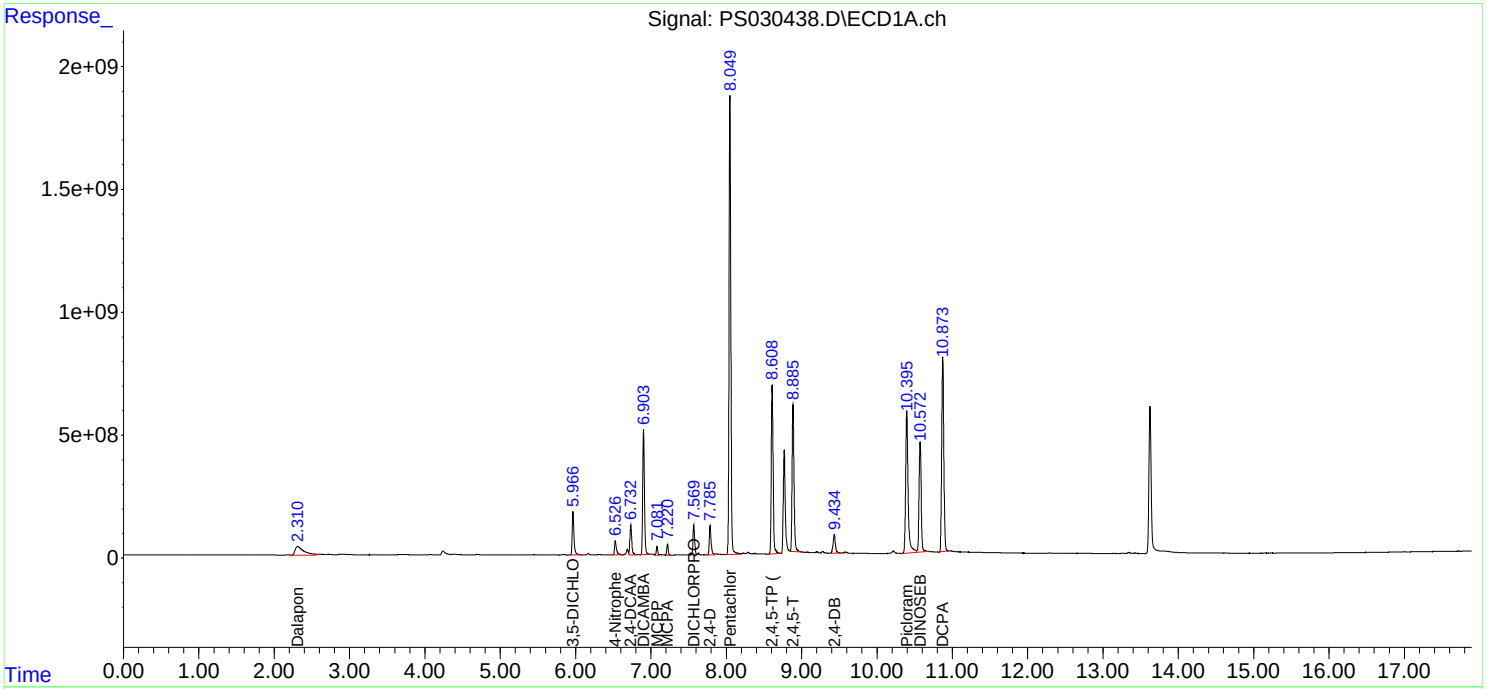
Instrument :
ECD_S
ClientSampleId :
HSTDICC500

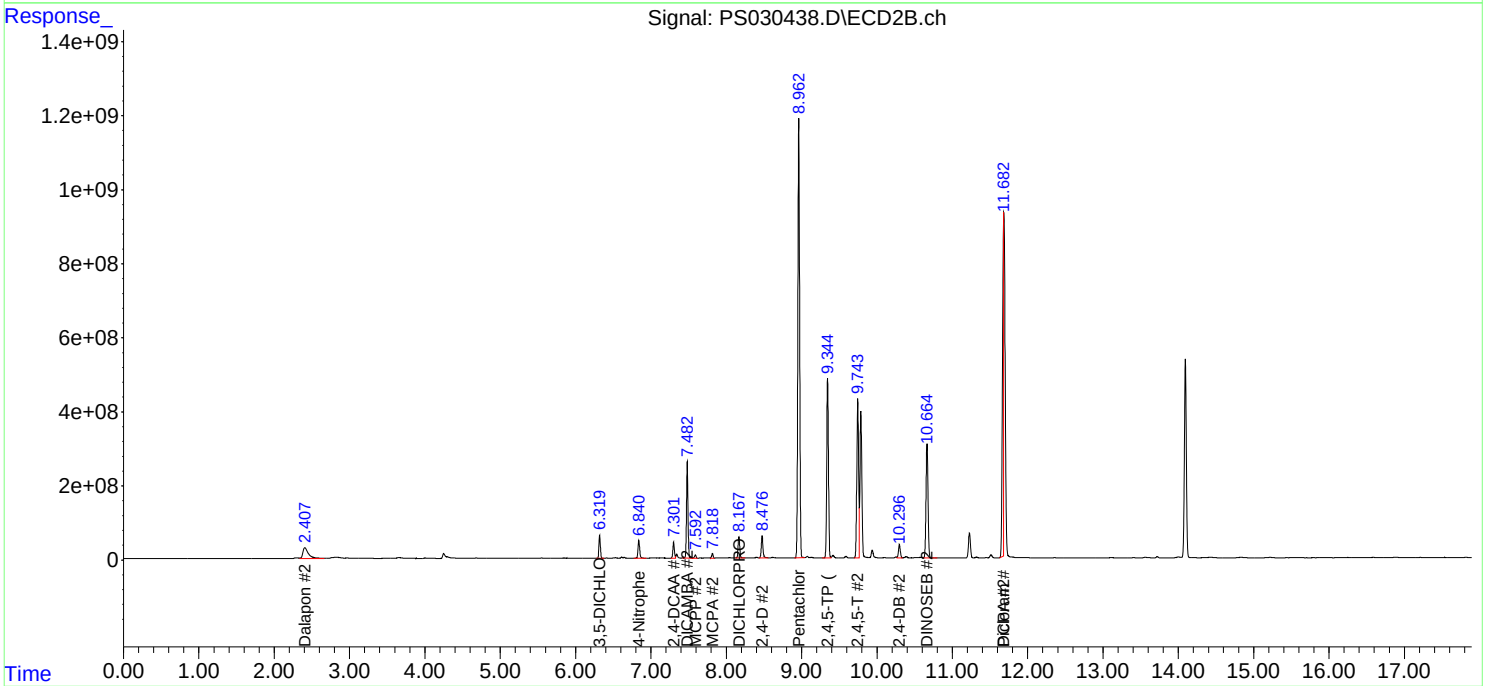
Manual Integrations APPROVED

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 02 11:22:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 10:01
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

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 02 11:15:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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	6.733	7.302	2873.1E6	915.7E6	750.000	750.000
	Target Compounds						
1) T	Dalapon	2.311	2.407	4305.9E6	2244.4E6	682.500	682.500
2) T	3,5-DICHL...	5.967	6.320	3991.3E6	1195.8E6	697.500	697.500
3) T	4-Nitroph...	6.527	6.840	1498.8E6	1048.4E6	682.500	682.500
5) T	DICAMBA	6.903	7.483	11717.1E6	5457.0E6	705.000	705.000
6) T	MCPP	7.084	7.594	769.8E6	209.9E6	70.500	70.500
7) T	MCPA	7.223	7.821	964.0E6	276.1E6	69.750	69.750
8) T	DICHLORPROP	7.570	8.168	2745.6E6	1269.9E6	705.000	705.000
9) T	2,4-D	7.785	8.476	2921.2E6	1384.0E6	705.000	705.000
10) T	Pentachlo...	8.054	8.963	41841.1E6	28348.6E6	712.500	712.500
11) T	2,4,5-TP ...	8.609	9.345	16767.5E6	11371.6E6	712.500	712.500
12) T	2,4,5-T	8.885	9.745	15335.5E6	10256.6E6	712.500	712.500
13) T	2,4-DB	9.434	10.297	2403.4E6	937.7E6	712.500	712.500
14) T	DINOSEB	10.574	10.665	12458.9E6	7685.0E6	705.000	705.000
15) T	Picloram	10.395	11.683	18982.7E6	17955.6E6	712.500	726.712m
16) T	DCPA	10.875	11.683	21072.9E6	16180.3E6	720.000	723.474m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 10:01
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

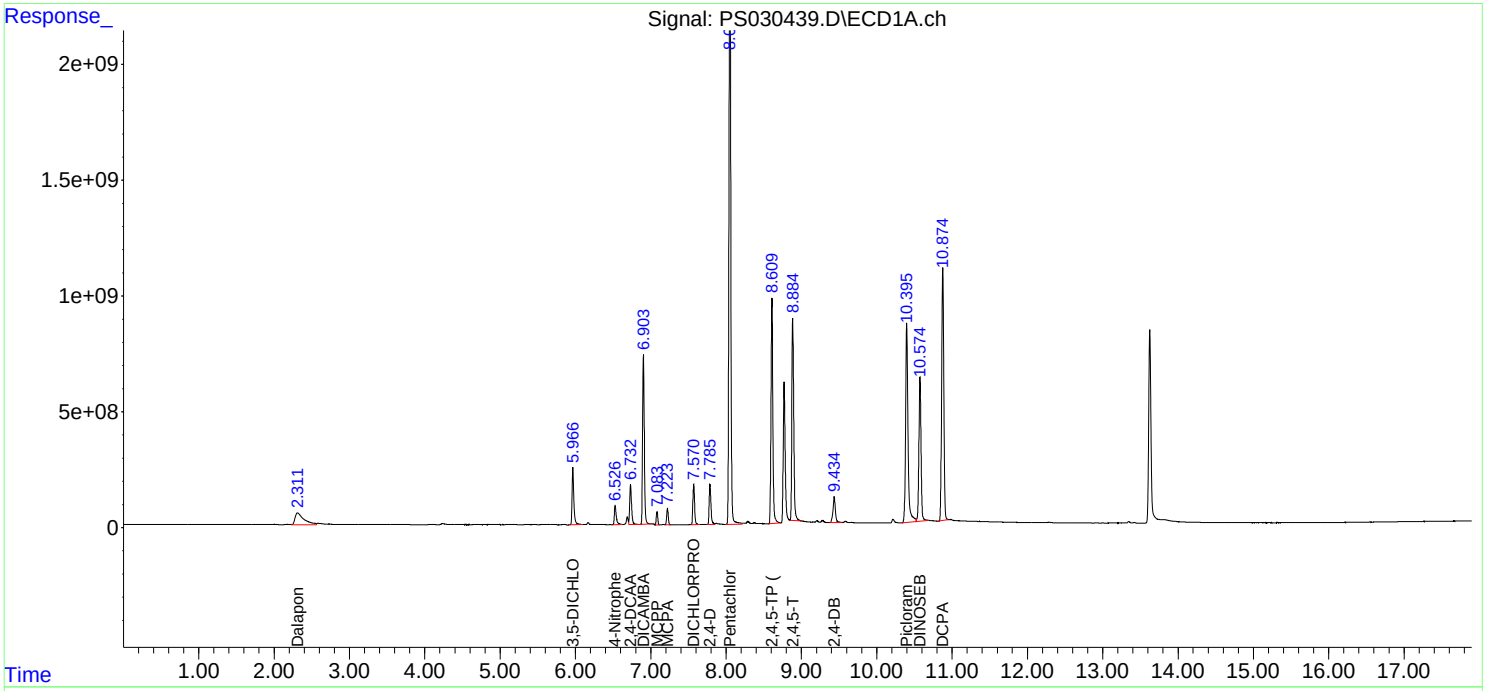
Instrument :
ECD_S
ClientSampleId :
HSTDICC750

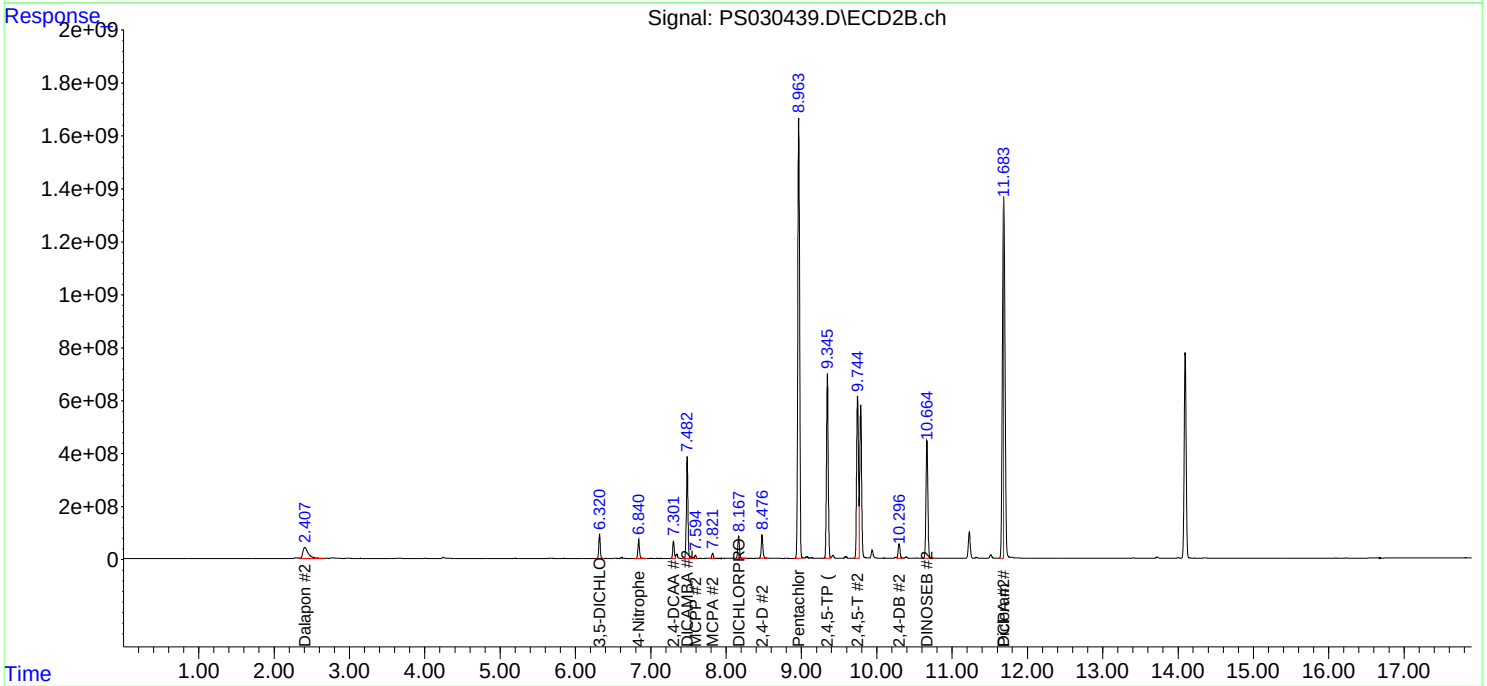
Manual Integrations APPROVED

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 02 11:15:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 10:25
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

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 02 11:20:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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	6.733	7.302	3692.6E6	1210.2E6	1001.673	999.897
		Target Compounds						
1)	T	Dalapon	2.313	2.408	5621.8E6	2990.5E6	909.488	915.683
2)	T	3,5-DICHL...	5.967	6.320	5131.5E6	1573.8E6	931.017	931.378
3)	T	4-Nitroph...	6.527	6.840	1971.6E6	1391.9E6	910.045	909.004
5)	T	DICAMBA	6.904	7.483	15202.2E6	7247.7E6	943.875	942.673
6)	T	MCPP	7.086	7.596	1070.4E6	283.4E6	93.995	94.414
7)	T	MCPA	7.226	7.824	1332.6E6	370.6E6	93.323	93.703
8)	T	DICHLORPROP	7.571	8.168	3556.8E6	1671.8E6	942.285	940.944
9)	T	2,4-D	7.786	8.476	3805.4E6	1827.7E6	944.487	941.485
10)	T	Pentachlo...	8.058	8.963	47146.1E6	36198.4E6	966.458	989.997
11)	T	2,4,5-TP ...	8.609	9.344	21578.3E6	14820.7E6	955.665	956.109
12)	T	2,4,5-T	8.885	9.744	19987.2E6	13397.8E6	958.548	954.471
13)	T	2,4-DB	9.433	10.296	3216.7E6	1262.1E6	954.012	954.009
14)	T	DINOSEB	10.574	10.665	16164.1E6	10186.8E6	946.212	945.909
15)	T	Picloram	10.395	11.683	25222.7E6	23410.9E6	955.899	986.705m
16)	T	DCPA	10.874	11.682	26889.3E6	20712.3E6	966.204	1004.148m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 10:25
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

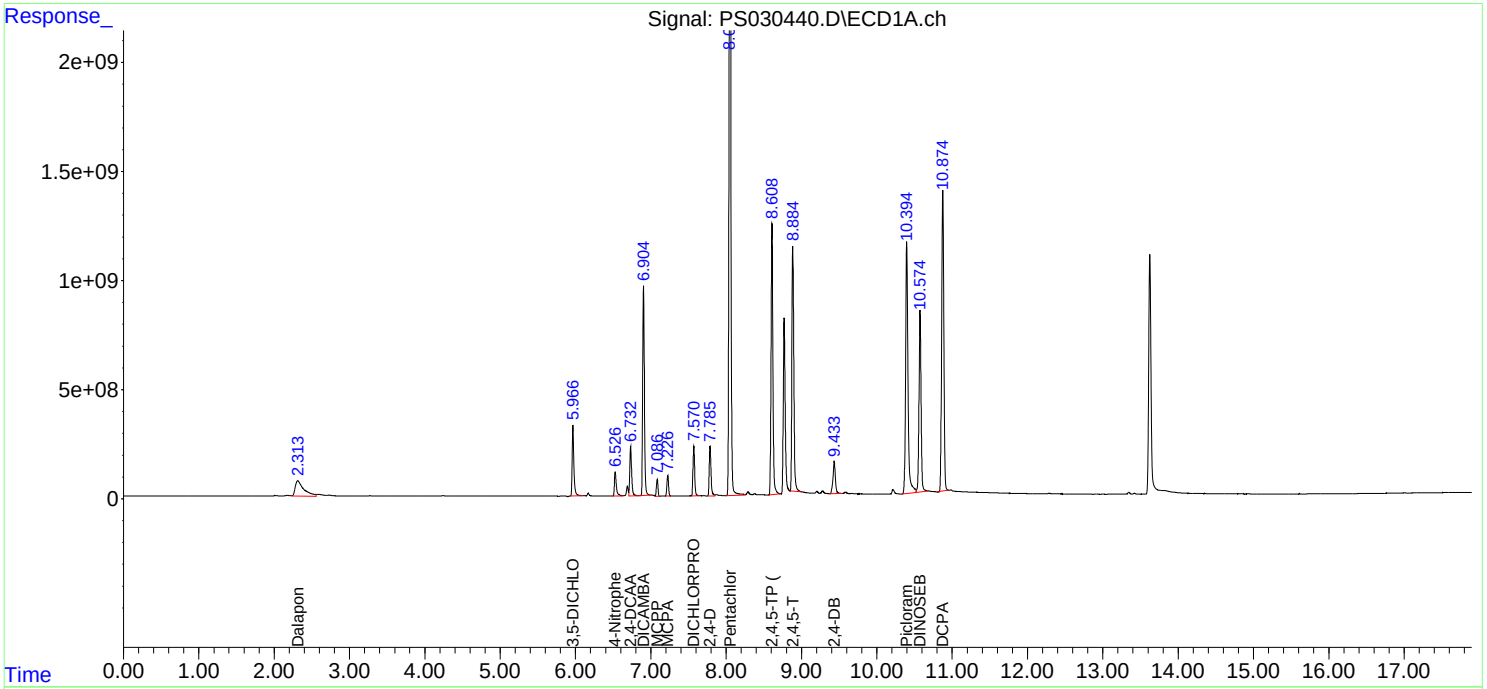
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

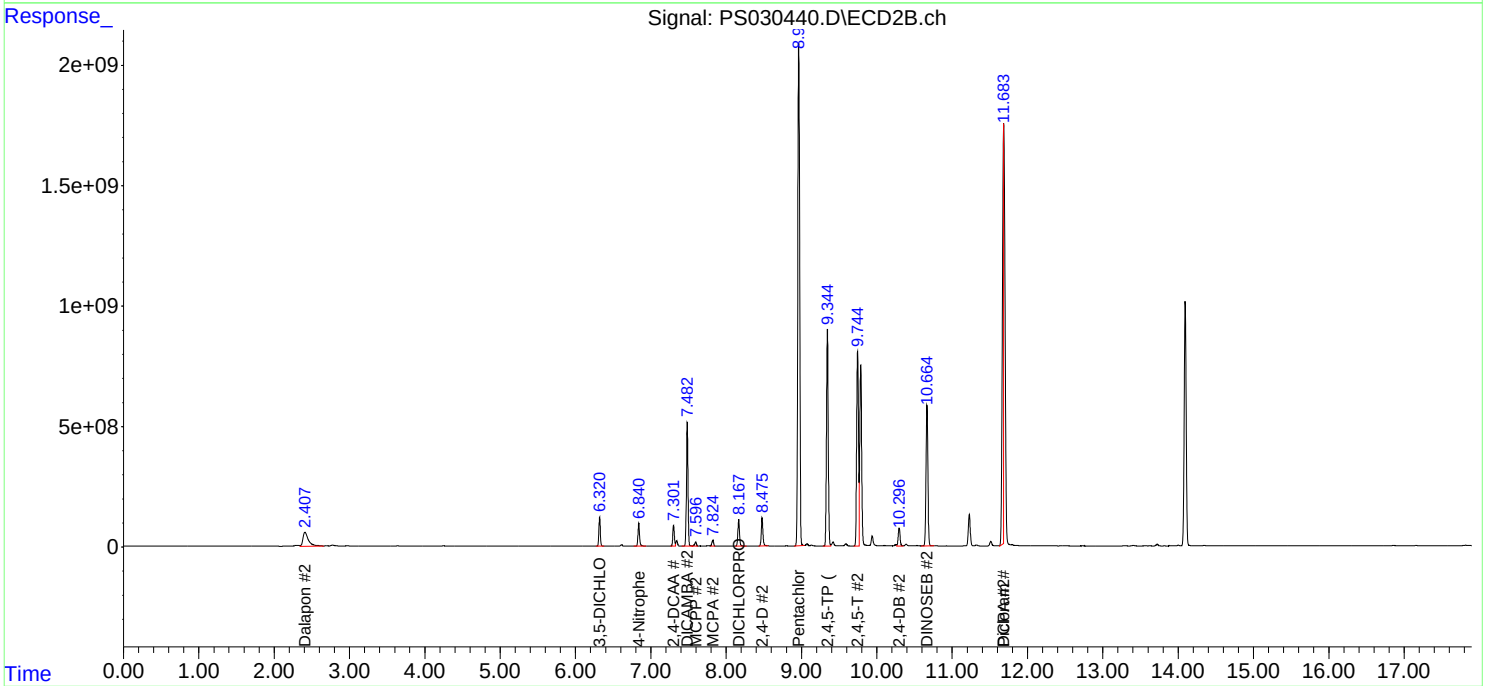
Manual Integrations APPROVED

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 02 11:20:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 10:49
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

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 02 11:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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	7.302	5303.9E6	1799.8E6	1439.958	1486.968
		Target Compounds						
1)	T	Dalapon	2.312	2.407	8267.7E6	4399.1E6	1337.165	1351.228
2)	T	3,5-DICHL...	5.966	6.320	7386.5E6	2319.4E6	1340.888	1373.644
3)	T	4-Nitroph...	6.526	6.840	2916.8E6	2085.6E6	1346.361	1361.344
5)	T	DICAMBA	6.904	7.483	21891.8E6	10736.5E6	1362.022	1398.441
6)	T	MCPP	7.089	7.600	1672.0E6	424.7E6	146.816	141.809
7)	T	MCPA	7.230	7.828	2049.1E6	547.0E6	143.744	138.838
8)	T	DICHLORPROP	7.570	8.168	5140.3E6	2468.1E6	1363.466	1389.824
9)	T	2,4-D	7.785	8.476	5492.3E6	2702.1E6	1366.457	1393.044
10)	T	Pentachlo...	8.061	8.965	54143.0E6	45317.0E6	1119.589	1266.035
11)	T	2,4,5-TP ...	8.609	9.344	30624.2E6	21292.7E6	1360.349	1378.062
12)	T	2,4,5-T	8.885	9.743	28488.6E6	19397.8E6	1372.430	1385.174
13)	T	2,4-DB	9.433	10.296	4782.4E6	1887.2E6	1421.384	1429.464
14)	T	DINOSEB	10.573	10.664	23097.0E6	14904.0E6	1356.529	1388.302
15)	T	Picloram	10.394	11.682	37002.1E6	31344.7E6	1406.690	1314.947m
16)	T	DCPA	10.874	11.675	37745.4E6	27147.4E6	1360.685	1279.046m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 10:49
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

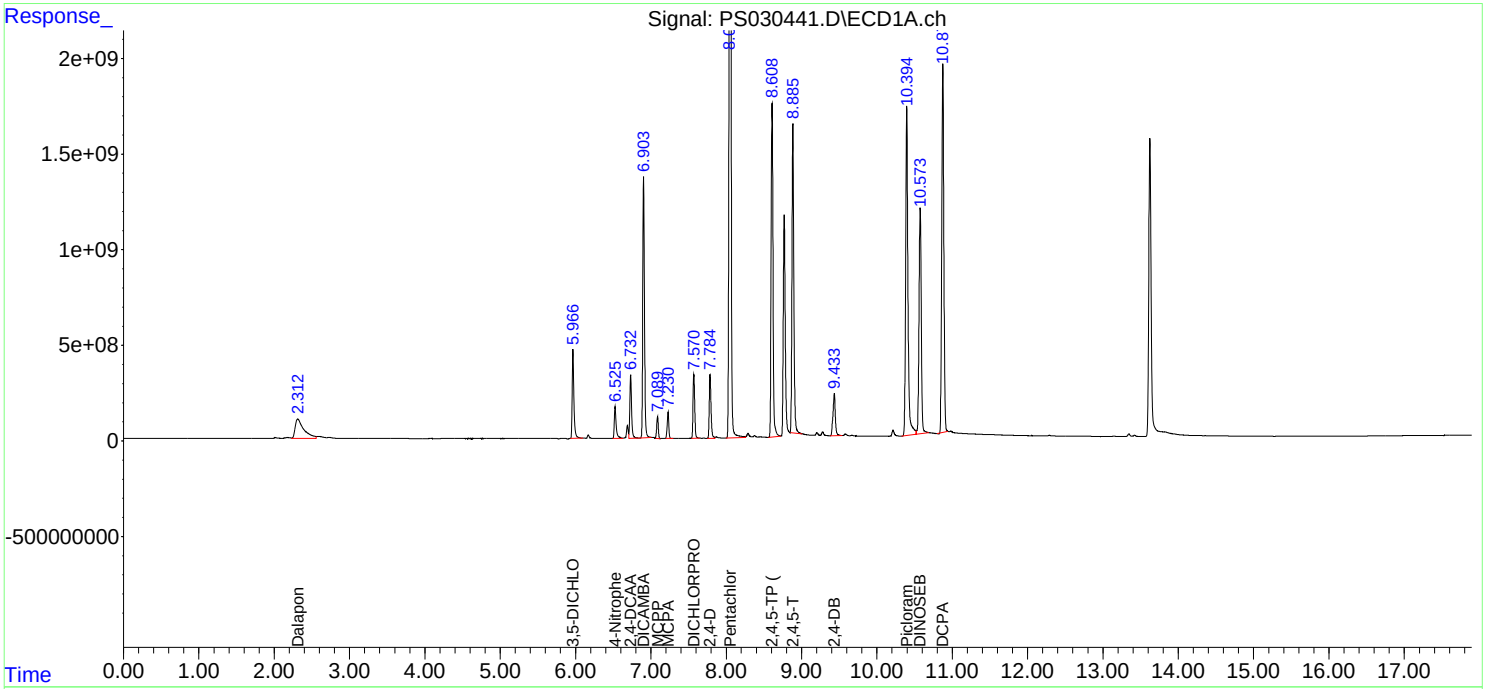
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

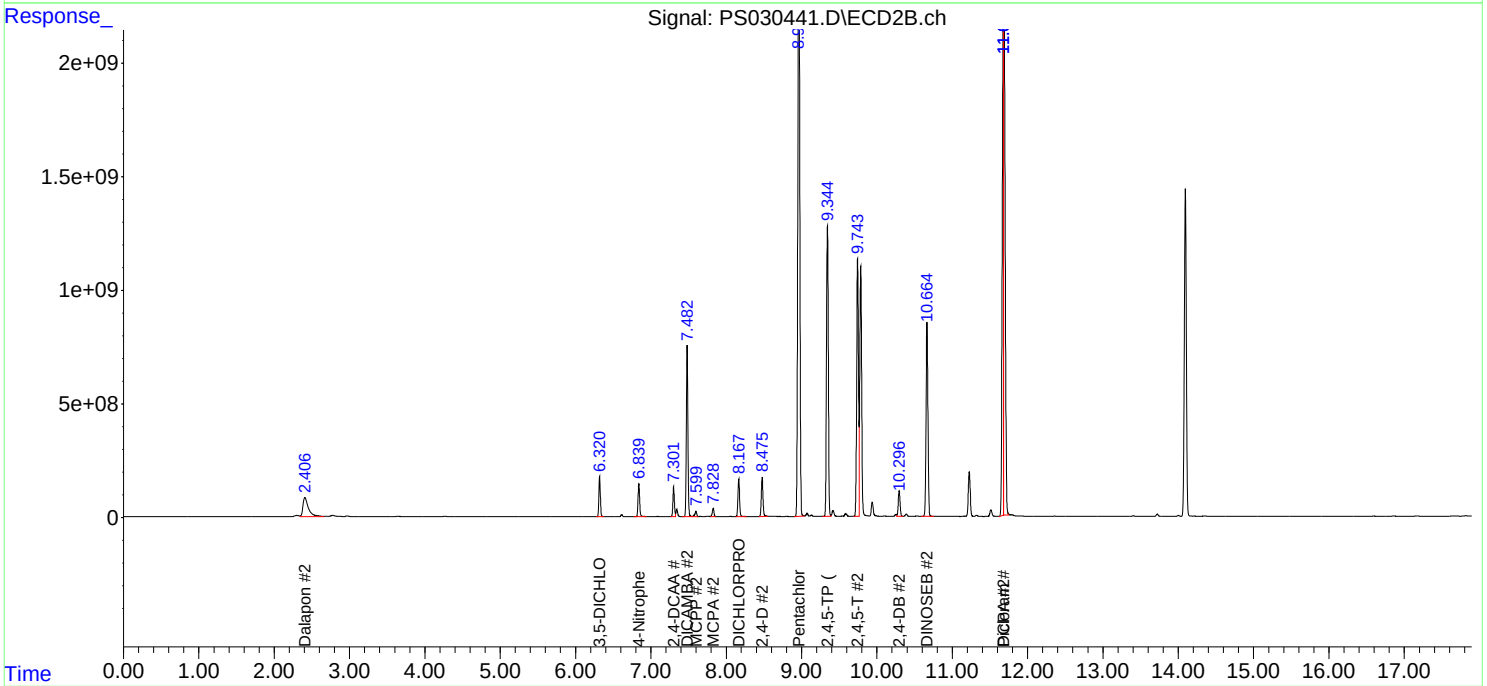
Manual Integrations APPROVED

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 02 11:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
Quant Title : 8080.M
QLast Update : Mon Jun 02 11:13:29 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 12:33
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ICVPS060225

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 05:32:26 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	2853.5E6	905.7E6	704.149	711.730
	Target Compounds						
1) T	Dalapon	2.309	2.406	4327.9E6	2264.7E6	650.622	651.889
2) T	3,5-DICHL...	5.966	6.319	3956.4E6	1178.8E6	657.983	662.636
3) T	4-Nitroph...	6.527	6.839	1485.5E6	1032.3E6	638.218	643.548
5) T	DICAMBA	6.904	7.482	11713.7E6	5403.0E6	677.648	683.055
6) T	MCPP	7.083	7.593	773.0E6	210.3E6	69.943	69.657
7) T	MCPA	7.223	7.820	964.7E6	268.1E6	68.130	66.166
8) T	DICHLORPROP	7.570	8.166	2733.9E6	1256.6E6	661.616	666.488
9) T	2,4-D	7.786	8.475	2931.1E6	1373.6E6	670.223	670.556
10) T	Pentachlo...	8.053	8.962	41628.8E6	28048.4E6	711.541	701.295
11) T	2,4,5-TP ...	8.609	9.343	16717.3E6	11234.2E6	679.098	686.417
12) T	2,4,5-T	8.886	9.743	15289.8E6	10122.4E6	684.127	685.572
13) T	2,4-DB	9.434	10.295	2379.6E6	929.4E6	679.131	676.237
14) T	DINOSEB	10.574	10.663	12489.4E6	7672.7E6	669.789	676.784
15) T	Picloram	10.396	11.682	18669.3E6	17353.0E6	679.080	693.720m
16) T	DCPA	10.874	11.682	20973.9E6	16578.9E6	683.481	755.790m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 12:33
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

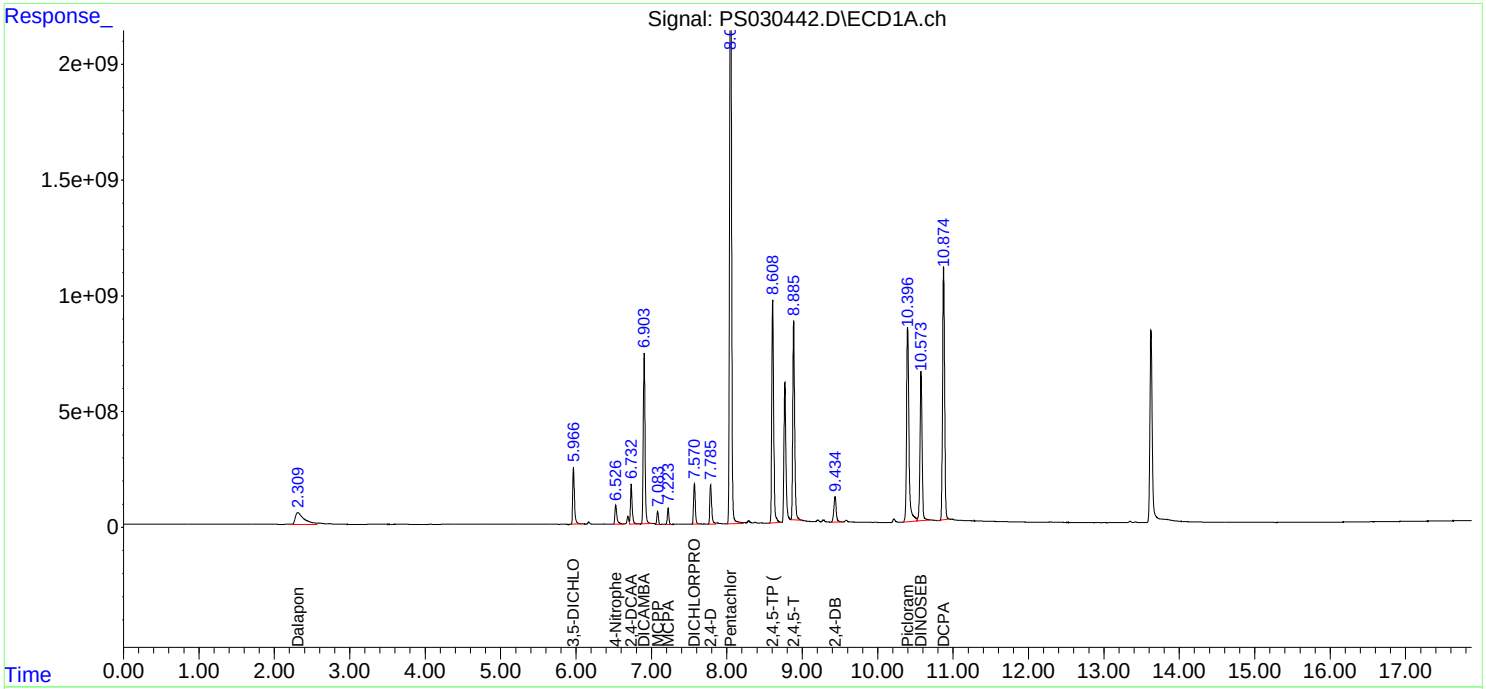
Instrument :
ECD_S
ClientSampleId :
ICVPS060225

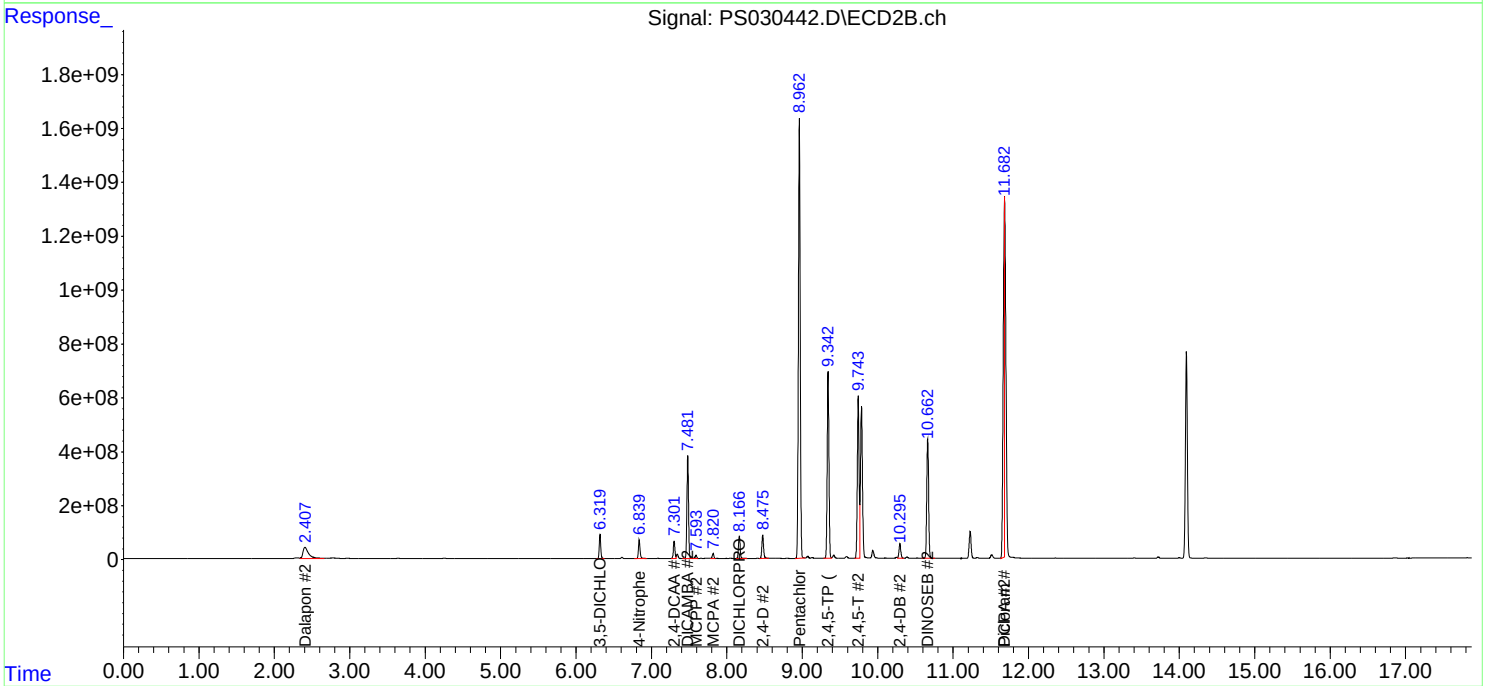
Manual Integrations APPROVED

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 05:32:26 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





Raw Data

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

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):** 06/04/2025 06/04/2025

Calibration Times: 11:19 12:55

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

LAB FILE ID: RT 200 = PS030476.D RT 500 = PS030477.D

RT 750 = PS030478.D RT 1000 = PS030479.D RT 1500 = PS030480.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.70	9.70	9.70	9.70	9.70	9.70	9.60	9.80
2,4,5-TP(Silvex)	9.40	9.40	9.40	9.40	9.40	9.40	9.30	9.50
2,4-D	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61
2,4-DB	10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
2,4-DCAA	7.37	7.37	7.37	7.37	7.37	7.37	7.27	7.47
DICAMBA	7.56	7.56	7.56	7.56	7.56	7.56	7.46	7.66
DICHLORPROP	8.28	8.28	8.28	8.28	8.28	8.28	8.18	8.38
Dinoseb	11.50	11.50	11.50	11.50	11.50	11.50	11.40	11.60

Raw Data

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

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):** 06/04/2025 06/04/2025

Calibration Times: 11:19 12:55

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

LAB FILE ID: RT 200 = PS030476.D RT 500 = PS030477.D

RT 750 = PS030478.D RT 1000 = PS030479.D RT 1500 = PS030480.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.37	10.37	10.37	10.37	10.37	10.37	10.27	10.47
2,4,5-TP(Silvex)	9.94	9.94	9.94	9.94	9.94	9.94	9.84	10.04
2,4-D	9.03	9.03	9.03	9.04	9.04	9.03	8.93	9.13
2,4-DB	10.94	10.94	10.94	10.94	10.94	10.94	10.84	11.04
2,4-DCAA	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
DICAMBA	7.98	7.98	7.98	7.98	7.98	7.98	7.88	8.08
DICHLORPROP	8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Dinoseb	11.32	11.32	11.32	11.32	11.32	11.32	11.22	11.42

Raw Data

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

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 =** PS030476.D **CF 500 =** PS030477.D

CF 750 = PS030478.D **CF 1000 =** PS030479.D **CF 1500 =** PS030480.D

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

Raw Data

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

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 =** PS030476.D **CF 500 =** PS030477.D

CF 750 = PS030478.D **CF 1000 =** PS030479.D **CF 1500 =** PS030480.D

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 11:19
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

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 13:16:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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	7.369	7.773	901.2E6	268.4E6	233.974m	243.085
		Target Compounds						
1)	T	Dalapon	2.715	2.710	1207.7E6	582.1E6	209.575	208.784
2)	T	3,5-DICHL...	6.525	6.716	1200.9E6	343.3E6	215.635	214.990
3)	T	4-Nitroph...	7.168	7.303	384.4E6	320.3E6	205.814	202.067
5)	T	DICAMBA	7.561	7.978	3298.5E6	1351.8E6	209.643	207.265
6)	T	MCPP	7.741	8.073	169.2E6	43441130	17.402	18.810
7)	T	MCPA	7.891	8.321	242.4E6	61640116	19.153	20.256m
8)	T	DICHLORPROP	8.279	8.698	820.2E6	336.5E6	220.037	221.417
9)	T	2,4-D	8.511	9.034	791.3E6	349.4E6	212.630	217.483
10)	T	Pentachlo...	8.820	9.560	11762.3E6	7856.5E6	216.630	210.064
11)	T	2,4,5-TP ...	9.404	9.941	4454.5E6	2969.2E6	210.747	212.066
12)	T	2,4,5-T	9.698	10.368	3820.9E6	2807.7E6	203.830	210.935
13)	T	2,4-DB	10.279	10.936	605.5E6	252.6E6	198.542	215.793
14)	T	DINOSEB	11.502	11.322	3060.7E6	2115.3E6	208.620	207.224
15)	T	Picloram	11.306	12.430	3963.9E6	4392.5E6	197.107	197.224
16)	T	DCPA	11.798	12.366	5846.4E6	4416.8E6	215.285	211.221

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 11:19
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

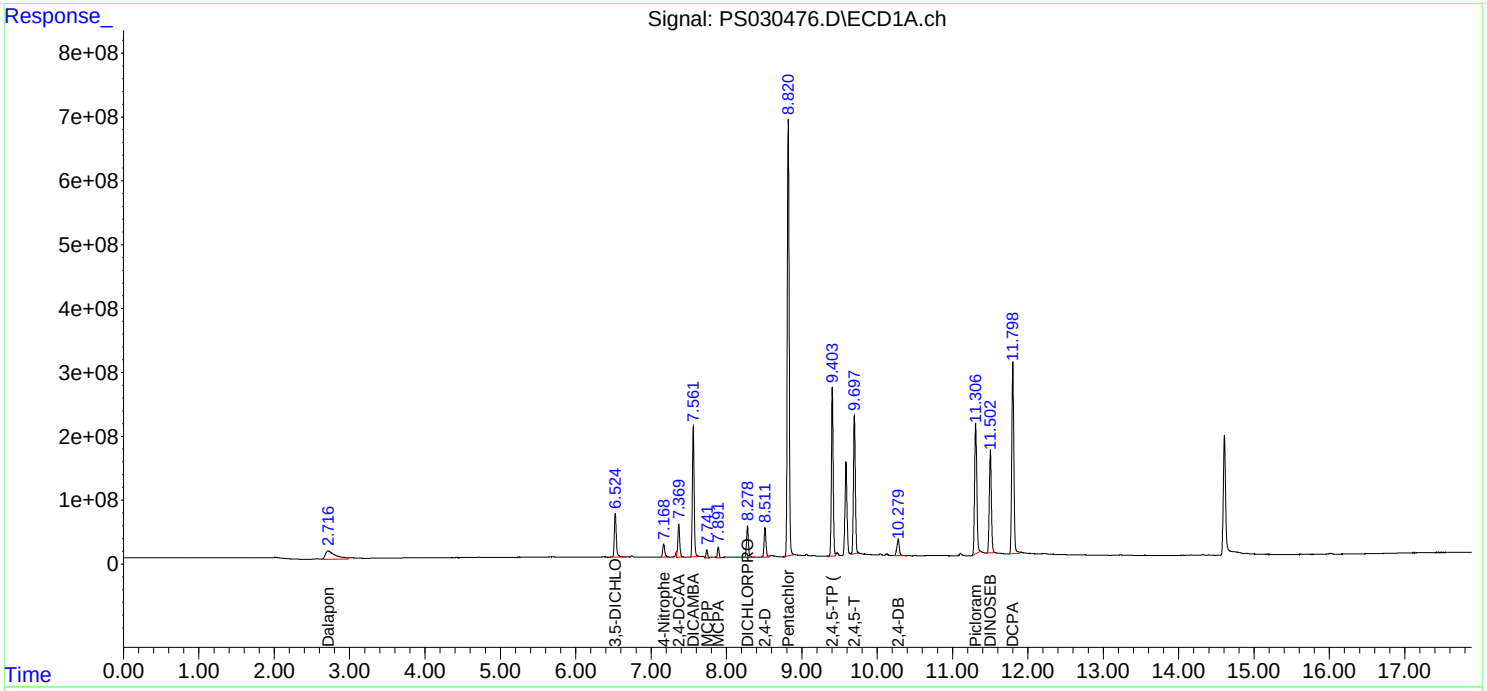
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

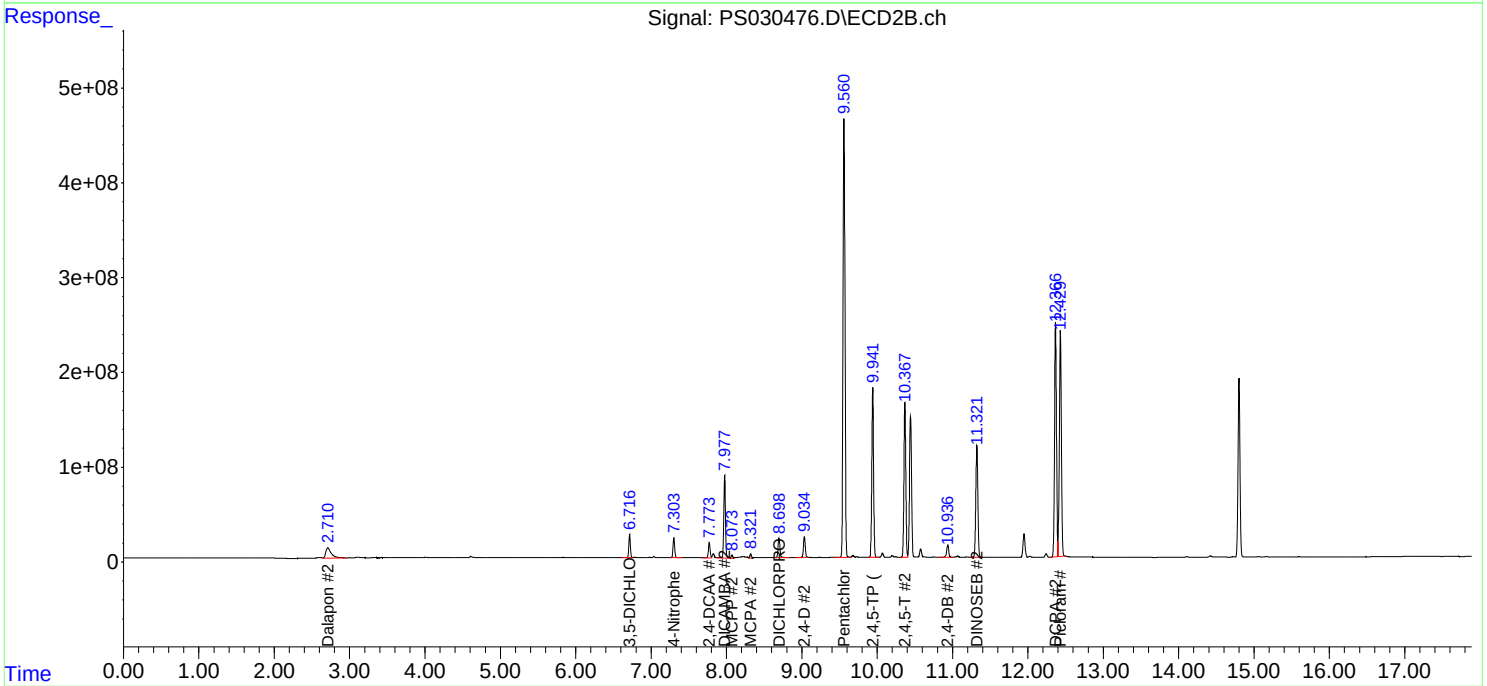
Manual Integrations APPROVED

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 13:16:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 11:43
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

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 13:14:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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	7.368	7.773	1872.6E6	533.1E6	511.607m	520.170
		Target Compounds						
1)	T	Dalapon	2.717	2.710	2560.4E6	1234.9E6	467.947	465.766
2)	T	3,5-DICHL...	6.524	6.716	2562.3E6	728.7E6	485.913	481.317
3)	T	4-Nitroph...	7.167	7.303	829.3E6	702.4E6	464.307	460.071
5)	T	DICAMBA	7.561	7.977	7300.1E6	3000.7E6	482.484	476.337
6)	T	MCPP	7.743	8.075	450.4E6	107.6E6	45.195	46.603
7)	T	MCPA	7.893	8.324	573.4E6	134.2E6	45.768	45.169
8)	T	DICHLORPROP	8.278	8.698	1709.6E6	695.7E6	486.246	486.593
9)	T	2,4-D	8.511	9.034	1715.8E6	740.4E6	482.111	486.207
10)	T	Pentachlo...	8.820	9.560	26104.6E6	17662.2E6	504.340	489.472
11)	T	2,4,5-TP ...	9.403	9.942	9941.8E6	6572.8E6	488.131	488.344
12)	T	2,4,5-T	9.698	10.368	8761.4E6	6236.1E6	479.003	486.370
13)	T	2,4-DB	10.278	10.935	1410.7E6	546.0E6	469.574	488.442
14)	T	DINOSEB	11.502	11.321	6808.6E6	4715.9E6	481.689	478.292
15)	T	Picloram	11.307	12.429	9323.8E6	10433.3E6	469.492	474.467
16)	T	DCPA	11.797	12.366	12966.1E6	9972.2E6	497.571	493.358

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

ICAL Form

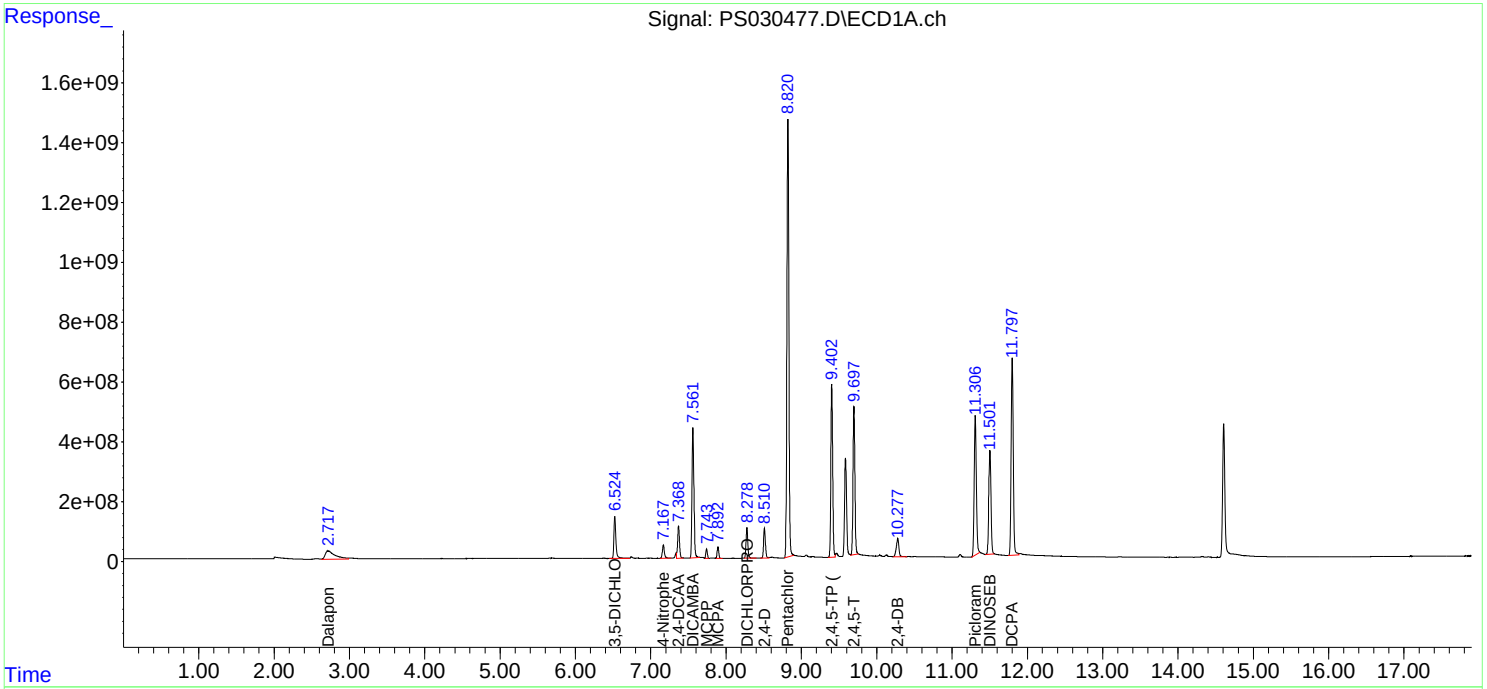
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 11:43
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

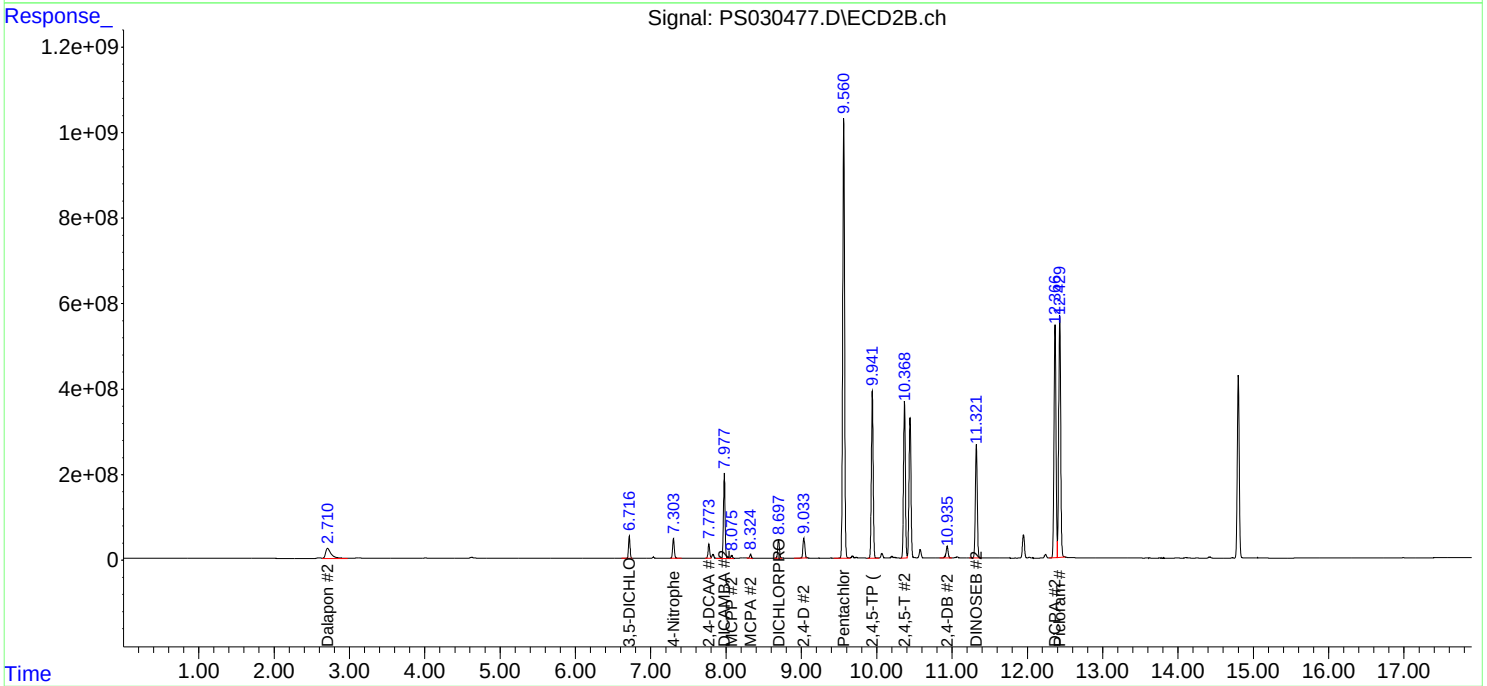
Instrument :
ECD_S
ClientSampleId :
HSTDICC500

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 13:14:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:07
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

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 13:09:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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	7.369	7.774	2690.9E6	758.4E6	744.320m	750.000
		Target Compounds						
1)	T	Dalapon	2.716	2.710	3691.7E6	1793.7E6	682.500	682.500
2)	T	3,5-DICHL...	6.524	6.717	3626.9E6	1043.0E6	697.500	697.500
3)	T	4-Nitroph...	7.167	7.303	1207.0E6	1031.0E6	682.500	682.500
5)	T	DICAMBA	7.561	7.977	10569.4E6	4406.8E6	705.000	705.000
6)	T	MCPP	7.744	8.077	702.1E6	161.8E6	70.500	70.500
7)	T	MCPA	7.895	8.327	870.8E6	206.1E6	69.750	69.750
8)	T	DICHLORPROP	8.279	8.698	2453.4E6	996.3E6	705.000	705.000
9)	T	2,4-D	8.512	9.034	2489.8E6	1060.6E6	705.000	705.000
10)	T	Pentachlo...	8.820	9.561	37628.4E6	25518.7E6	712.500	712.500
11)	T	2,4,5-TP ...	9.404	9.942	14429.9E6	9502.8E6	712.500	712.500
12)	T	2,4,5-T	9.697	10.368	13011.7E6	9066.3E6	712.500	712.500
13)	T	2,4-DB	10.279	10.936	2128.7E6	787.8E6	712.500	712.500
14)	T	DINOSEB	11.502	11.321	9877.2E6	6881.7E6	705.000	705.000
15)	T	Picloram	11.307	12.430	14134.3E6	15599.4E6	712.500	712.500
16)	T	DCPA	11.797	12.366	18644.2E6	14436.2E6	720.000	720.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:07
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

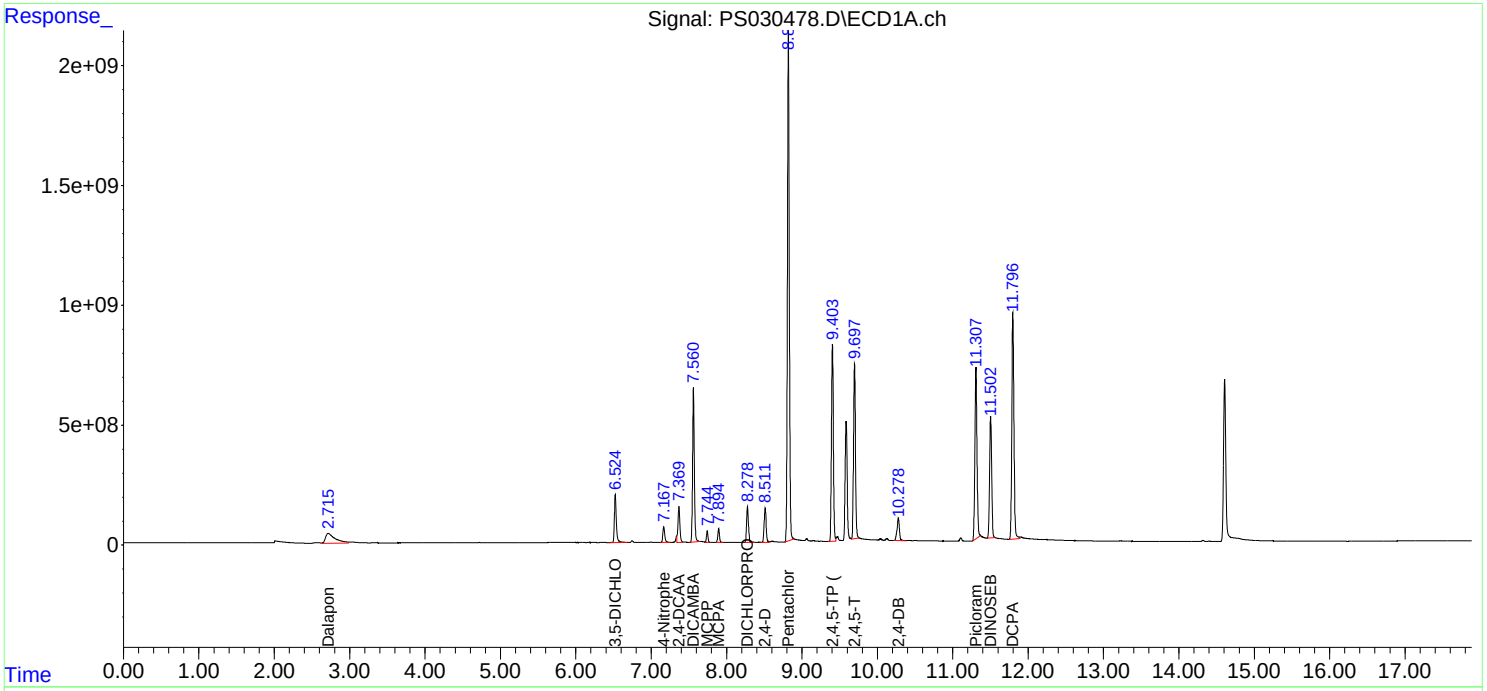
Instrument :
ECD_S
ClientSampleId :
HSTDICC750

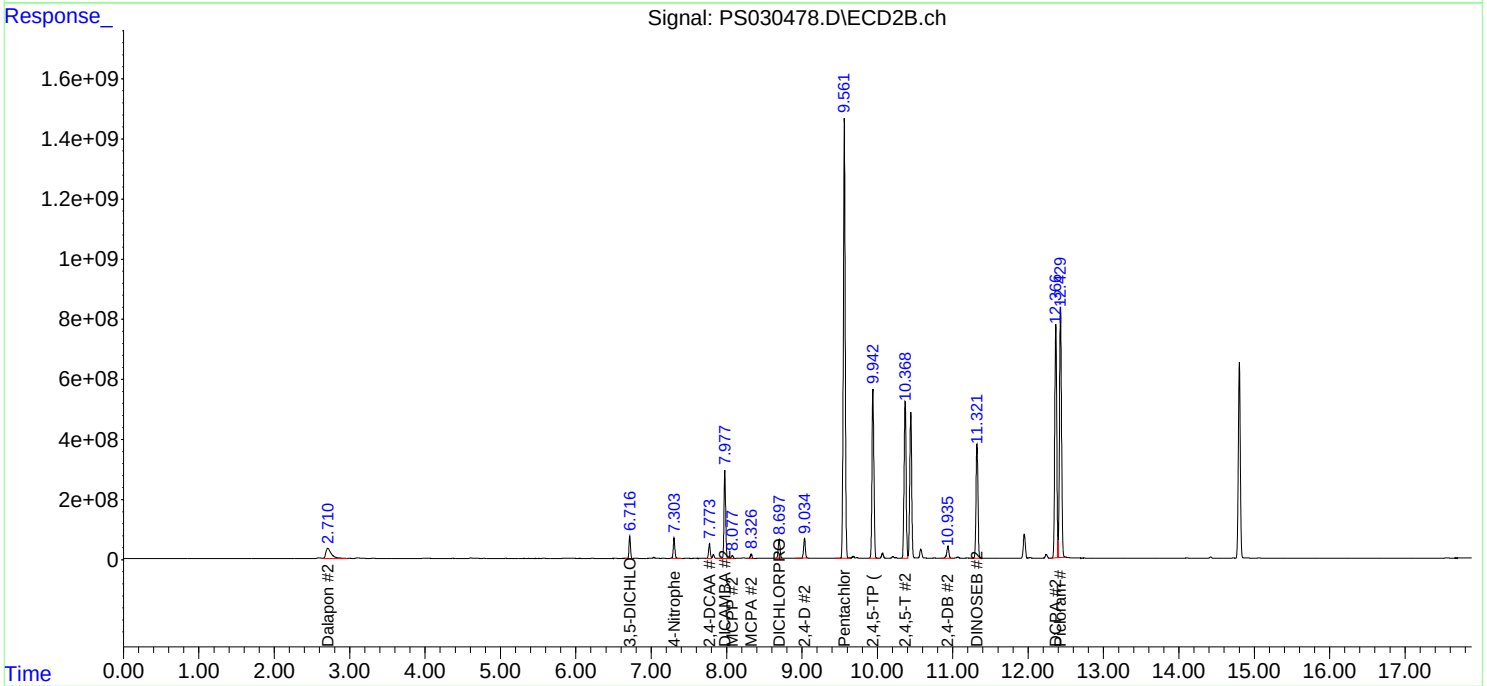
Manual Integrations APPROVED

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 13:09:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:31
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

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 13:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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	7.369	7.774	3627.1E6	997.0E6	1015.527m	992.922
		Target Compounds						
1)	T	Dalapon	2.714	2.710	4894.2E6	2376.7E6	907.402	907.165
2)	T	3,5-DICHL...	6.524	6.717	4751.8E6	1375.9E6	921.843	925.042
3)	T	4-Nitroph...	7.168	7.304	1608.1E6	1388.5E6	909.639	914.550
5)	T	DICAMBA	7.561	7.978	13974.6E6	5887.4E6	936.047	940.930
6)	T	MCPP	7.746	8.079	973.4E6	220.1E6	95.838	94.941
7)	T	MCPA	7.897	8.330	1187.7E6	285.5E6	94.055	94.777
8)	T	DICHLORPROP	8.279	8.699	3224.6E6	1312.0E6	933.254	934.189
9)	T	2,4-D	8.511	9.035	3284.7E6	1399.3E6	935.022	935.019
10)	T	Pentachlo...	8.825	9.561	45135.4E6	33490.4E6	899.805	942.480
11)	T	2,4,5-TP ...	9.404	9.942	18922.9E6	12543.2E6	942.112	945.210
12)	T	2,4,5-T	9.698	10.369	17257.5E6	11981.3E6	947.492	945.773
13)	T	2,4-DB	10.278	10.936	2902.4E6	1043.2E6	960.620	946.745
14)	T	DINOSEB	11.502	11.322	13073.3E6	9197.3E6	936.548	941.110
15)	T	Picloram	11.306	12.430	19105.8E6	21004.4E6	956.510	954.663
16)	T	DCPA	11.796	12.366	24258.1E6	19020.4E6	948.257	954.284

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:31
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

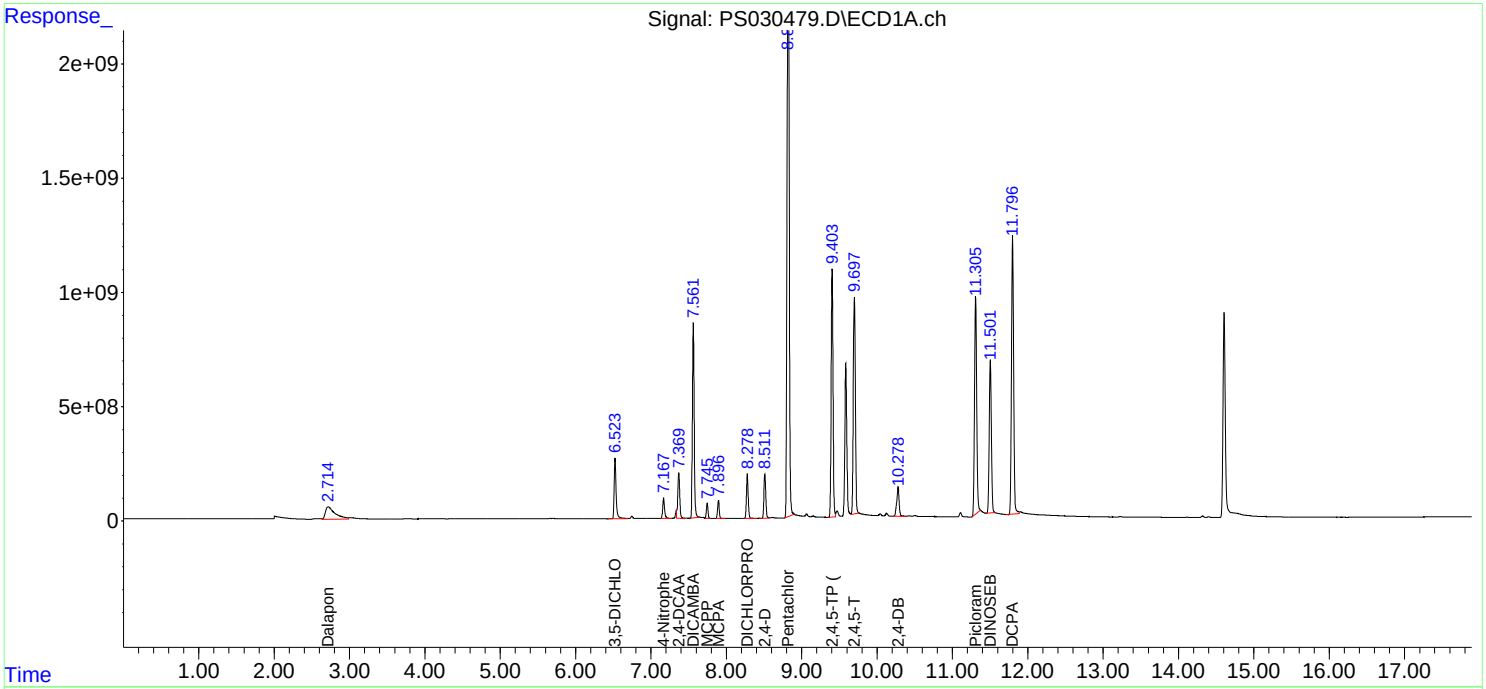
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

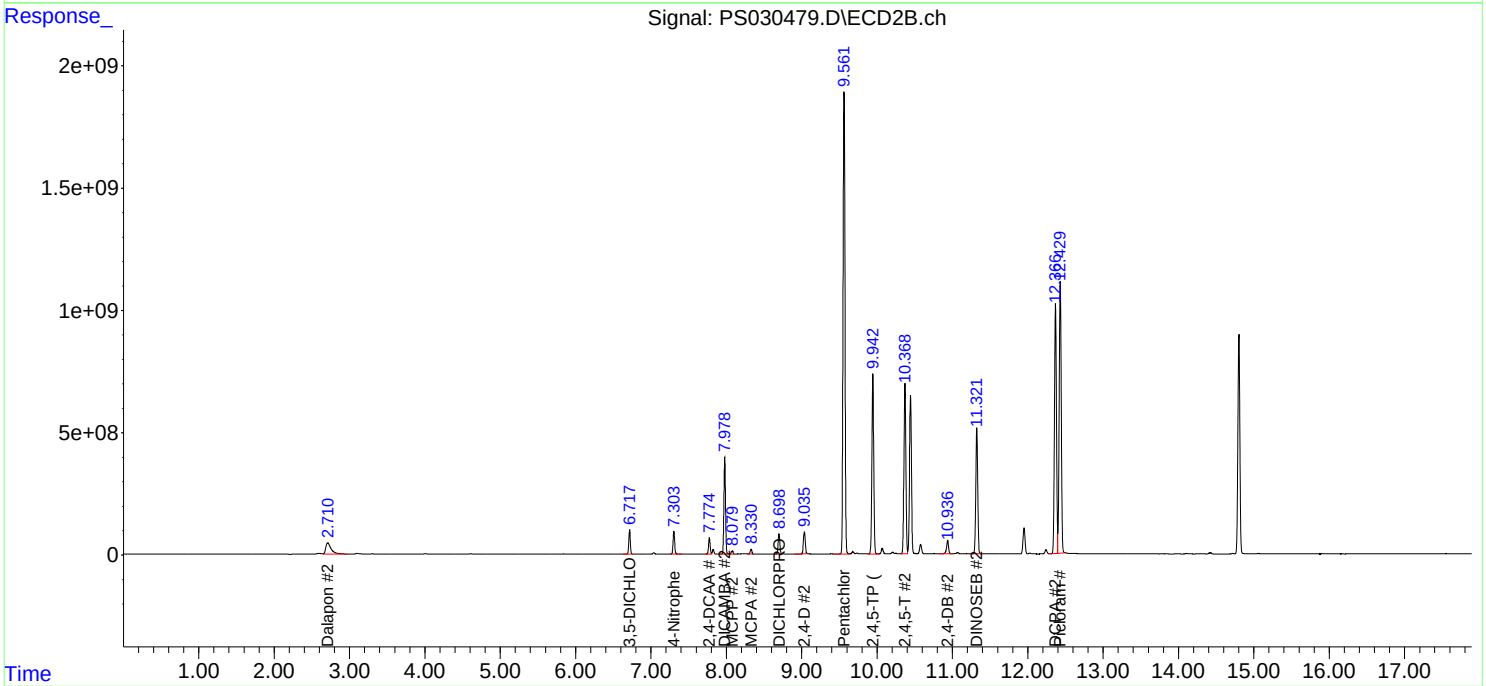
Manual Integrations APPROVED

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 13:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:55
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

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 13:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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	7.369	7.774	5114.5E6	1442.5E6	1359.285m	1341.054
	Target Compounds						
1) T	Dalapon	2.720	2.710	7077.3E6	3477.6E6	1253.287	1269.202
2) T	3,5-DICHL...	6.524	6.717	6773.8E6	1999.9E6	1248.313	1278.513
3) T	4-Nitroph...	7.167	7.304	2318.6E6	2042.6E6	1264.396	1303.306
5) T	DICAMBA	7.561	7.978	19988.9E6	8628.3E6	1296.086	1339.458
6) T	MCPP	7.749	8.083	1498.2E6	327.1E6	151.254	141.524
7) T	MCPA	7.901	8.334	1789.5E6	447.1E6	141.023	144.658m
8) T	DICHLORPROP	8.278	8.699	4624.4E6	1892.3E6	1271.075	1274.928
9) T	2,4-D	8.511	9.035	4698.9E6	2022.8E6	1289.626	1286.504
10) T	Pentachlo...	8.830	9.563	52360.6E6	44299.7E6	1031.002	1225.847
11) T	2,4,5-TP ...	9.403	9.942	26760.6E6	17924.0E6	1294.969	1306.726
12) T	2,4,5-T	9.697	10.368	24470.3E6	17161.6E6	1327.668	1314.350
13) T	2,4-DB	10.277	10.935	4249.5E6	1517.5E6	1399.547	1320.041
14) T	DINOSEB	11.501	11.322	18597.9E6	13281.7E6	1293.774	1321.547
15) T	Picloram	11.306	12.430	27906.5E6	30398.4E6	1394.990	1376.496
16) T	DCPA	11.797	12.367	33946.6E6	26887.9E6	1283.906	1313.980

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:55
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

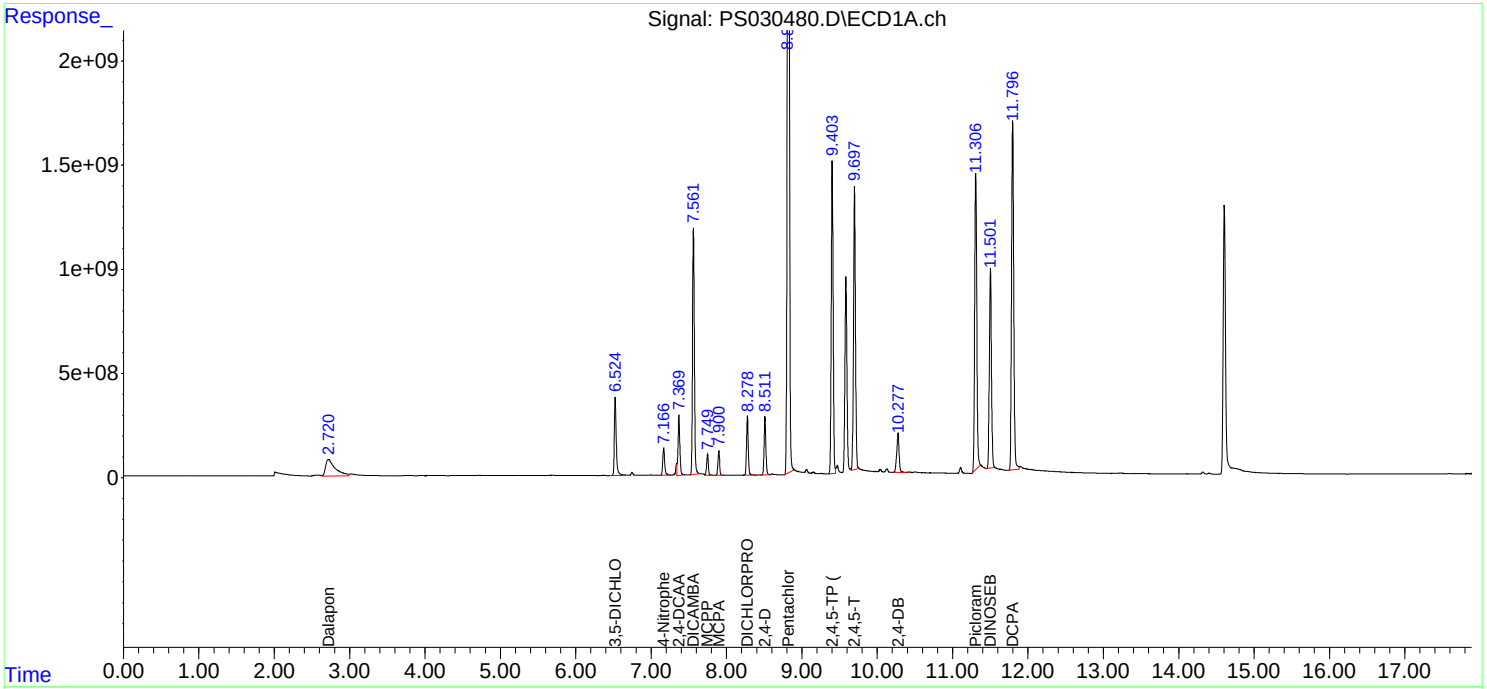
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

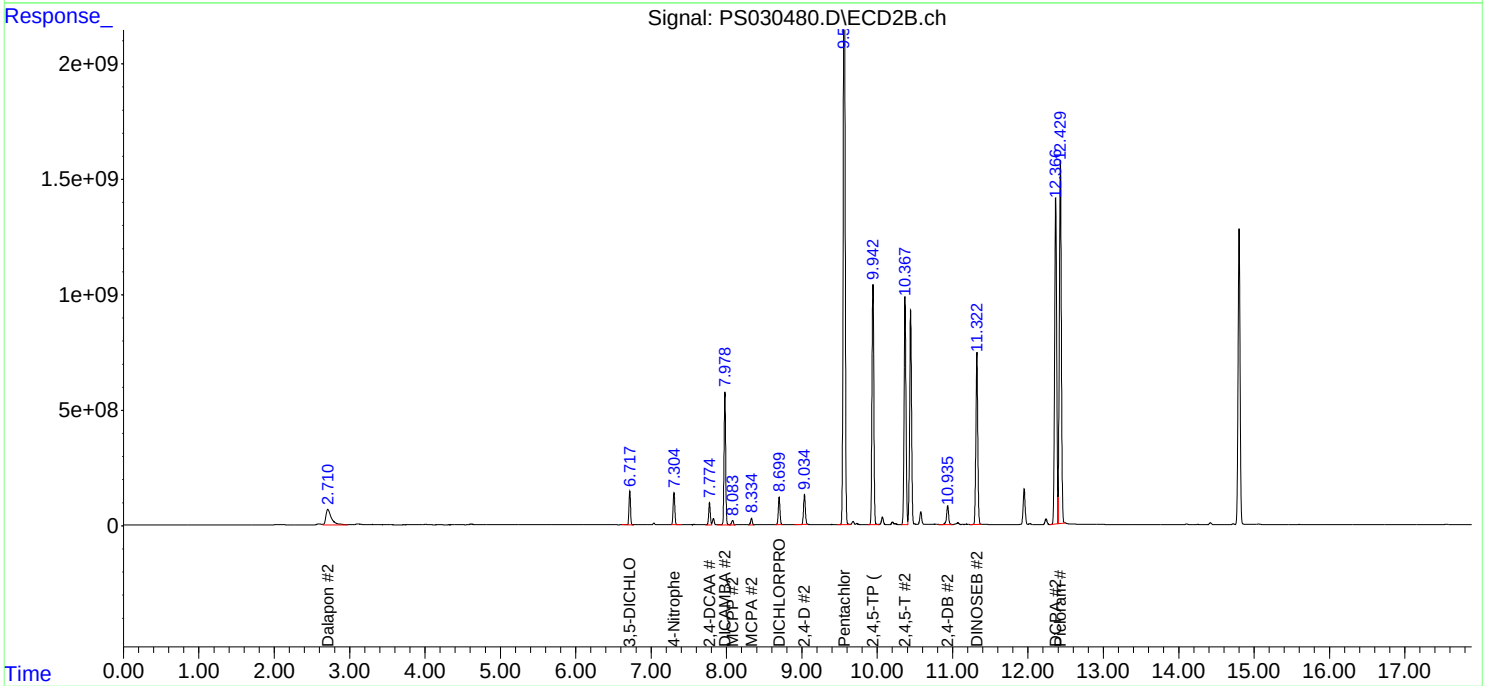
Manual Integrations APPROVED

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 13:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 13:35
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

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 14:09:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.370	7.771	2779.2E6	744.7E6	736.179m	692.376
		Target Compounds						
1)	T	Dalapon	2.714	2.705	3877.5E6	1823.2E6	686.652	665.381
2)	T	3,5-DICHL...	6.525	6.713	3695.4E6	1043.6E6	681.009	667.130
3)	T	4-Nitroph...	7.169	7.300	1225.8E6	1032.9E6	668.475	659.037
5)	T	DICAMBA	7.563	7.975	10727.3E6	4354.5E6	695.557	675.993
6)	T	MCPP	7.746	8.074	698.1E6	157.4E6	70.484	68.090
7)	T	MCPA	7.897	8.324	861.2E6	203.6E6	67.866	65.964
8)	T	DICHLORPROP	8.281	8.695	2469.0E6	997.8E6	678.655	672.256
9)	T	2,4-D	8.514	9.031	2588.4E6	1072.3E6	710.397	682.017
10)	T	Pentachlo...	8.823	9.558	38130.8E6	25498.1E6	750.811	705.574
11)	T	2,4,5-TP ...	9.406	9.939	14651.6E6	9473.2E6	709.003	690.633
12)	T	2,4,5-T	9.700	10.366	13151.1E6	9065.2E6	713.527	694.273
13)	T	2,4-DB	10.282	10.933	2193.0E6	785.8E6	722.260	683.578
14)	T	DINOSEB	11.505	11.320	10027.6E6	6923.3E6	697.574	688.879
15)	T	Picloram	11.310	12.428	14073.5E6	15641.1E6	703.508	708.260
16)	T	DCPA	11.801	12.365	19004.7E6	14438.0E6	718.784	705.569

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 13:35
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

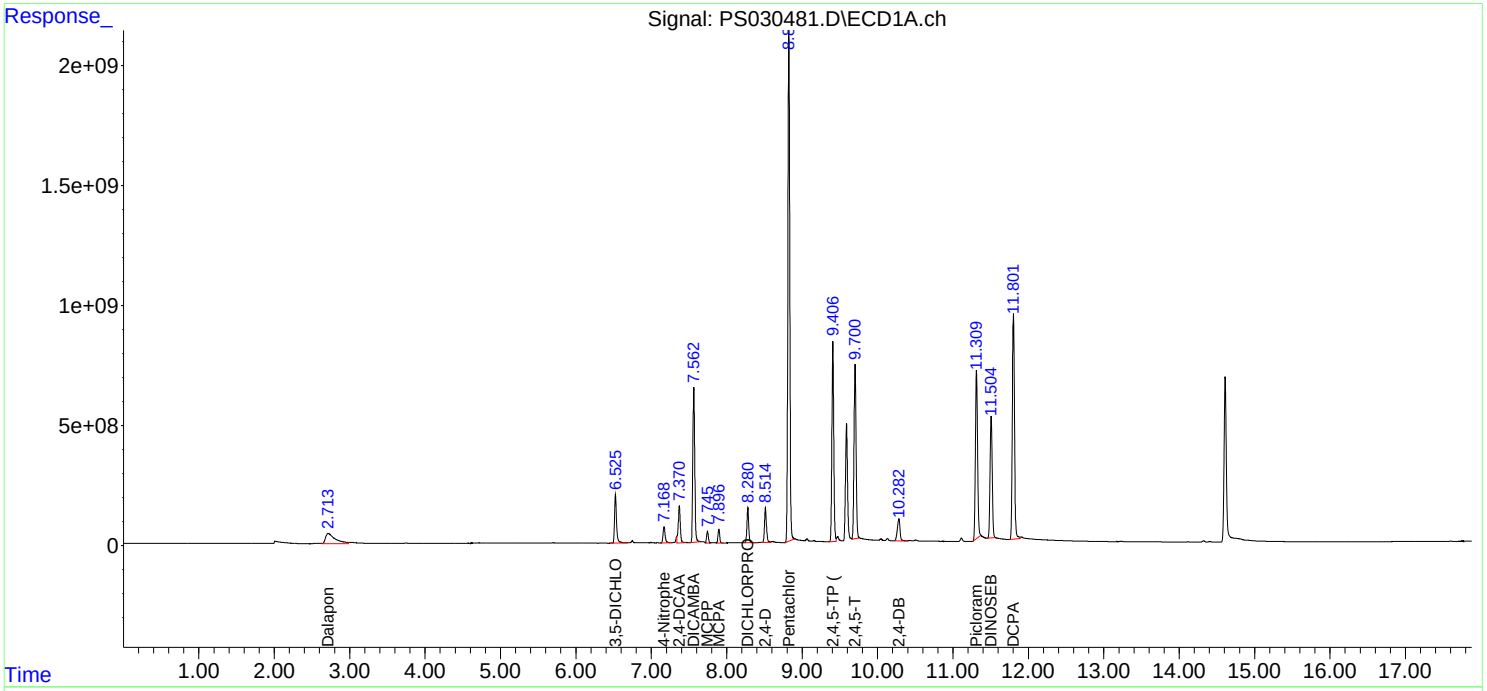
Instrument :
ECD_S
ClientSampleId :
ICVPS060425

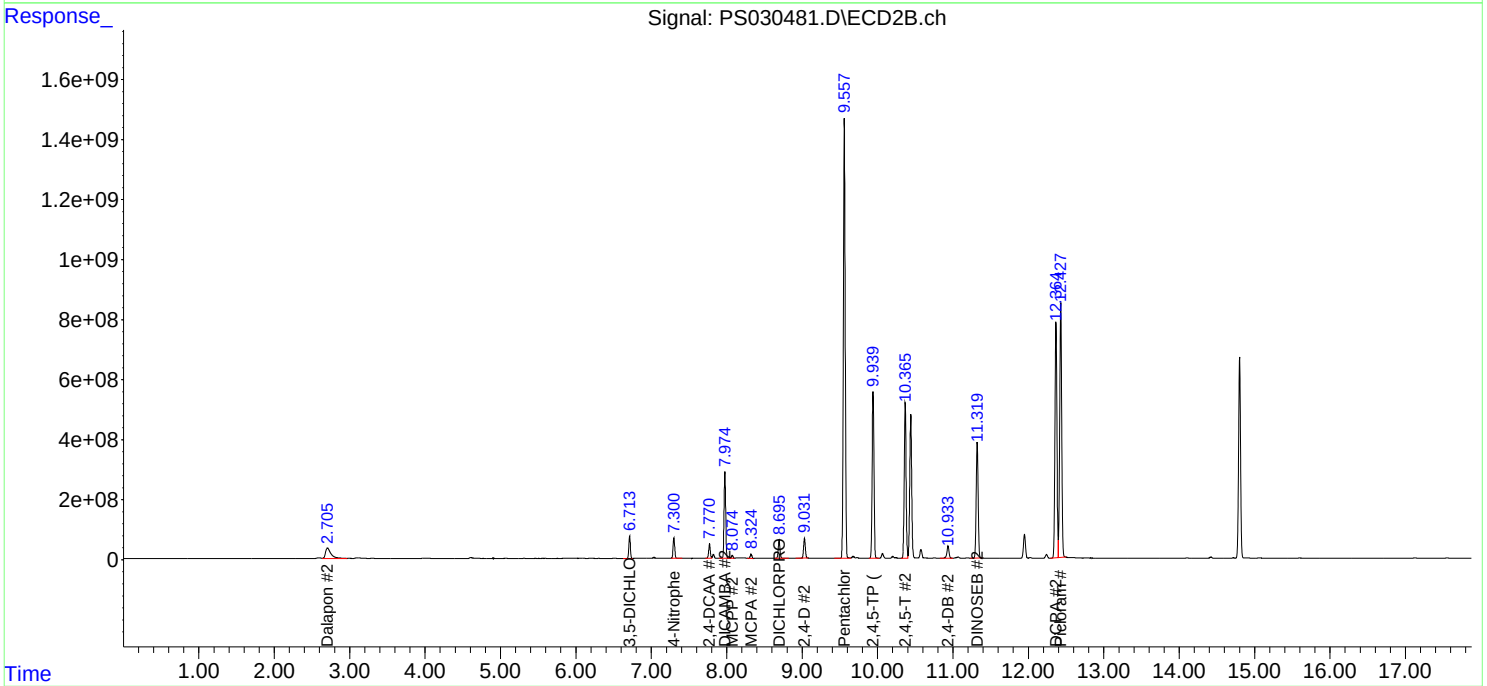
Manual Integrations APPROVED

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 14:09:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PS030456.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030456.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030456.D**

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

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	RT WINDOW 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

Alliance TECHNICAL GROUP

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

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	RT WINDOW 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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 18:10
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 02 23:17:01 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	2924.0E6	943.2E6	721.538	741.243
		Target Compounds						
1)	T	Dalapon	2.313	2.407	4280.4E6	2245.8E6	643.482	646.460
2)	T	3,5-DICHL...	5.966	6.320	4065.5E6	1238.7E6	676.126	696.294
3)	T	4-Nitroph...	6.526	6.840	1574.5E6	1090.0E6	676.429	679.537
5)	T	DICAMBA	6.904	7.482	11941.0E6	5603.2E6	690.793	708.367
6)	T	MCPP	7.083	7.593	795.1E6	209.6E6	71.939	69.423
7)	T	MCPA	7.223	7.820	1001.7E6	271.0E6	70.745	66.889
8)	T	DICHLORPROP	7.570	8.167	2816.2E6	1311.4E6	681.535	695.536
9)	T	2,4-D	7.785	8.475	3024.2E6	1422.3E6	691.522	694.342
10)	T	Pentachlo...	8.054	8.962	42236.8E6	29098.1E6	721.935	727.541
11)	T	2,4,5-TP ...	8.608	9.343	17209.7E6	11634.4E6	699.099	710.871
12)	T	2,4,5-T	8.884	9.743	15906.0E6	10519.7E6	711.697	712.477
13)	T	2,4-DB	9.433	10.296	2577.3E6	960.0E6	735.553	698.454
14)	T	DINOSEB	10.573	10.664	12631.8E6	7748.3E6	677.424	683.459
15)	T	Picloram	10.394	11.681	20093.7E6	18064.4E6	730.894	722.158m
16)	T	DCPA	10.874	11.681	21526.2E6	17445.6E6	701.479	795.299m

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

Sample Results: **PS030456.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 18:10
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

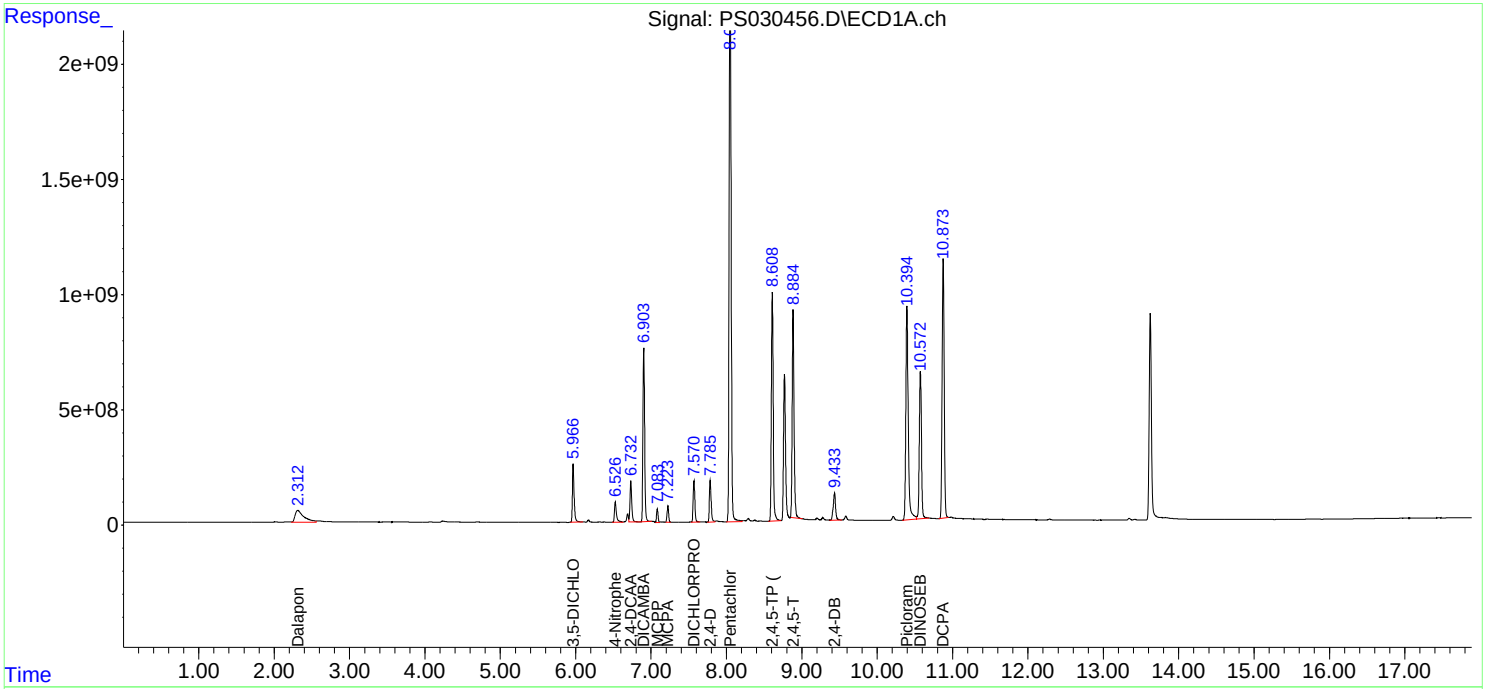
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

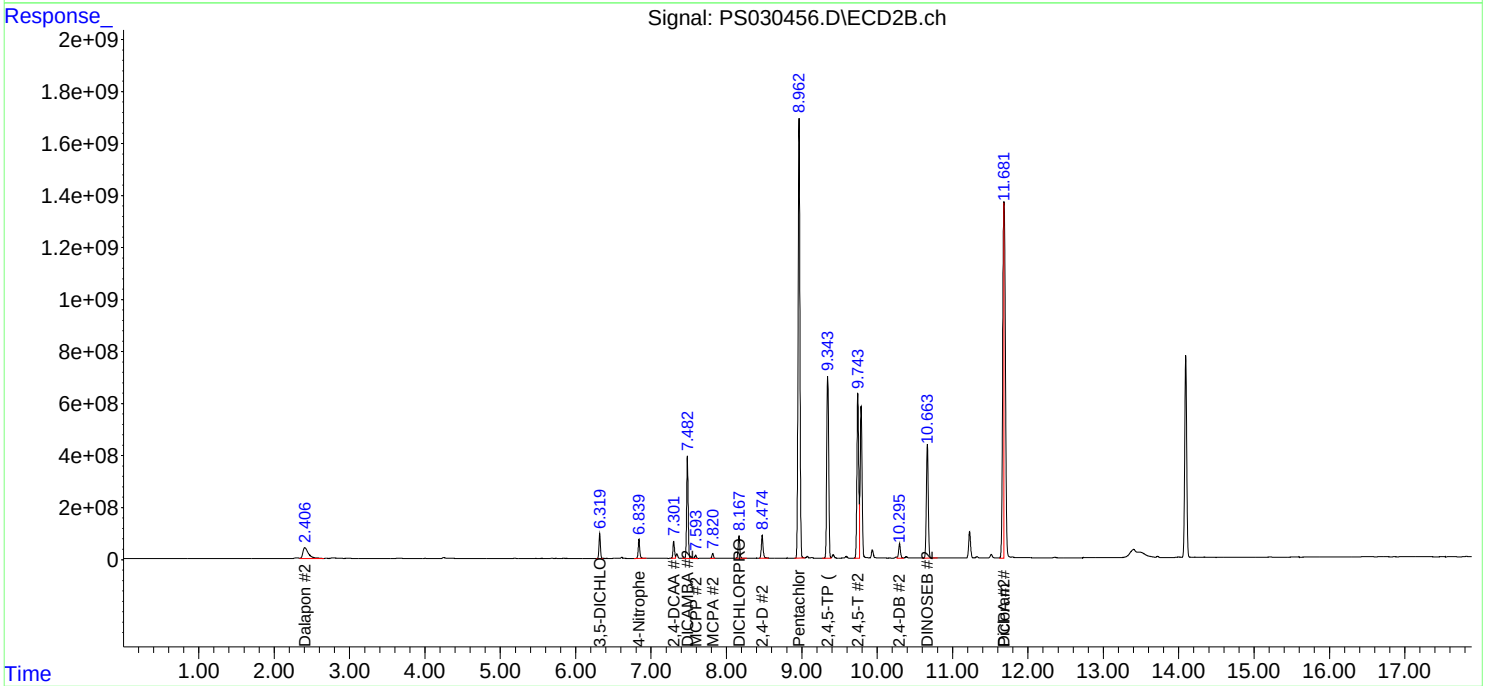
Manual Integrations APPROVED

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 02 23:17:01 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





Raw Data: **PS030467.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030467.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030467.D**

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

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	RT WINDOW 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

Alliance TECHNICAL GROUP

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

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	RT WINDOW 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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 22:35
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 02 23:17:22 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	2931.9E6	940.1E6	723.495	738.807
		Target Compounds						
1)	T	Dalapon	2.313	2.408	4310.5E6	2251.7E6	648.007	648.146
2)	T	3,5-DICHL...	5.966	6.320	4072.1E6	1228.6E6	677.224	690.601
3)	T	4-Nitroph...	6.526	6.840	1584.6E6	1079.4E6	680.761	672.967
5)	T	DICAMBA	6.903	7.482	11964.0E6	5590.8E6	692.129	706.806
6)	T	MCPP	7.083	7.593	790.7E6	212.7E6	71.543	70.458
7)	T	MCPA	7.223	7.820	997.4E6	281.5E6	70.442	69.479
8)	T	DICHLORPROP	7.569	8.167	2818.6E6	1324.3E6	682.102	702.351
9)	T	2,4-D	7.785	8.475	3034.1E6	1425.1E6	693.764	695.713
10)	T	Pentachlo...	8.053	8.962	42263.2E6	29072.7E6	722.386	726.908
11)	T	2,4,5-TP ...	8.608	9.343	17245.2E6	11607.1E6	700.544	709.203
12)	T	2,4,5-T	8.883	9.743	15975.5E6	10511.7E6	714.806	711.936
13)	T	2,4-DB	9.432	10.295	2582.5E6	964.2E6	737.031	701.533
14)	T	DINOSEB	10.571	10.663	12729.5E6	7775.3E6	682.664	685.832
15)	T	Picloram	10.394	11.682	20149.3E6	17555.5E6	732.915	701.817m
16)	T	DCPA	10.872	11.679	21693.3E6	14504.0E6	706.922	661.199m

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

Sample Results: **PS030467.D**

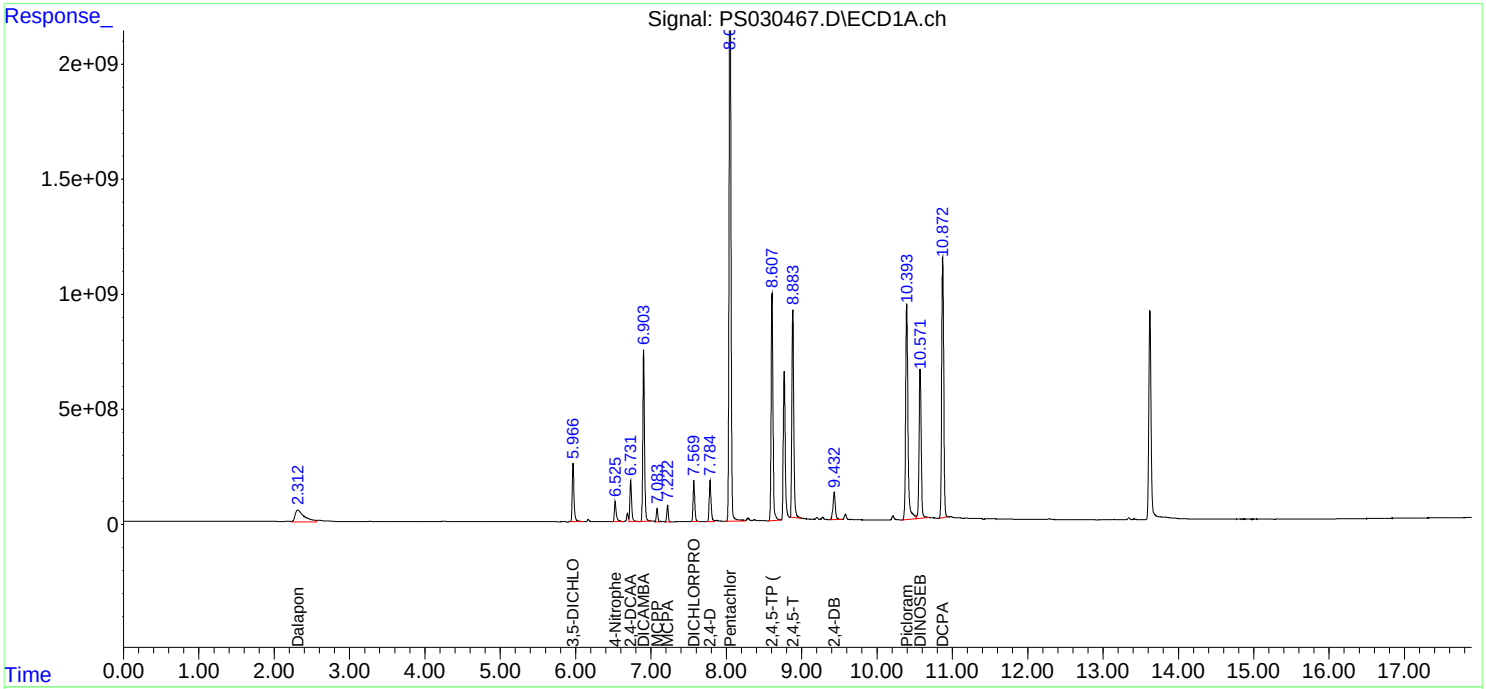
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 22:35
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

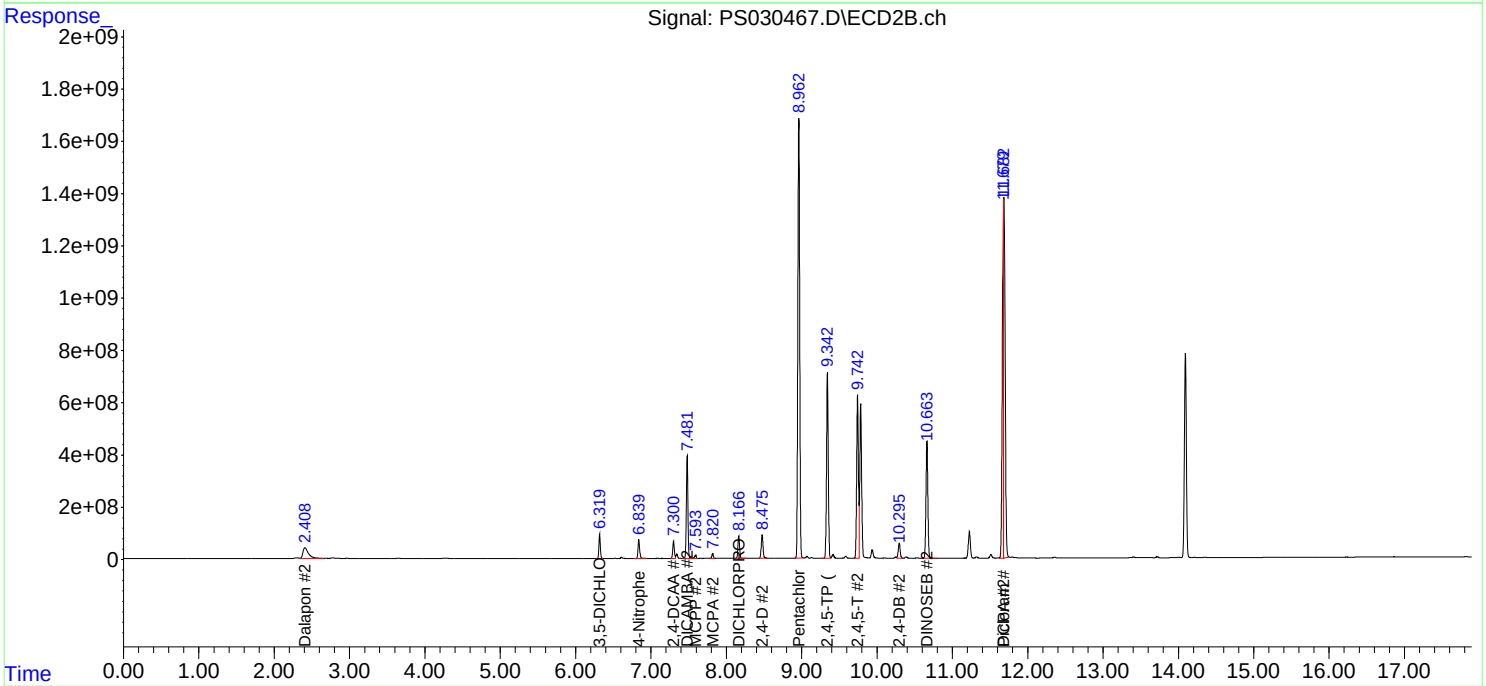
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 02 23:17:22 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





Raw Data: **PS030473.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030473.D**

Alliance TECHNICAL GROUP

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030473.D**

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

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	RT WINDOW 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

Alliance TECHNICAL GROUP

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

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	RT WINDOW 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

Sample Results: **PS030473.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 00:59
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 03:28:30 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
		System Monitoring Compounds						
4)	S	2,4-DCAA	6.733	7.301	2935.0E6	949.6E6	724.265	746.252
		Target Compounds						
1)	T	Dalapon	2.311	2.408	4309.2E6	2259.5E6	647.809	650.409
2)	T	3,5-DICHL...	5.966	6.319	4068.5E6	1250.0E6	676.621	702.634
3)	T	4-Nitroph...	6.526	6.839	1595.8E6	1101.9E6	685.600	686.959
5)	T	DICAMBA	6.903	7.481	11989.5E6	5651.0E6	693.604	714.409
6)	T	MCPP	7.084	7.593	779.6E6	213.8E6	70.539	70.814
7)	T	MCPA	7.223	7.820	993.5E6	280.2E6	70.162	69.160
8)	T	DICHLORPROP	7.569	8.166	2827.6E6	1319.9E6	684.278	700.068
9)	T	2,4-D	7.784	8.475	3060.2E6	1446.1E6	699.736	705.972
10)	T	Pentachlo...	8.052	8.962	42453.3E6	29479.1E6	725.634	737.069
11)	T	2,4,5-TP ...	8.607	9.343	17312.7E6	11759.4E6	703.283	718.509
12)	T	2,4,5-T	8.884	9.743	16076.4E6	10697.3E6	719.320	724.504
13)	T	2,4-DB	9.432	10.295	2612.5E6	979.1E6	745.589	712.366
14)	T	DINOSEB	10.572	10.663	12815.1E6	7941.9E6	687.256	700.532
15)	T	Picloram	10.393	11.681	20463.5E6	17523.3E6	744.342	700.527m
16)	T	DCPA	10.872	11.679	21757.9E6	14764.7E6	709.028	673.084m

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

Sample Results: **PS030473.D**

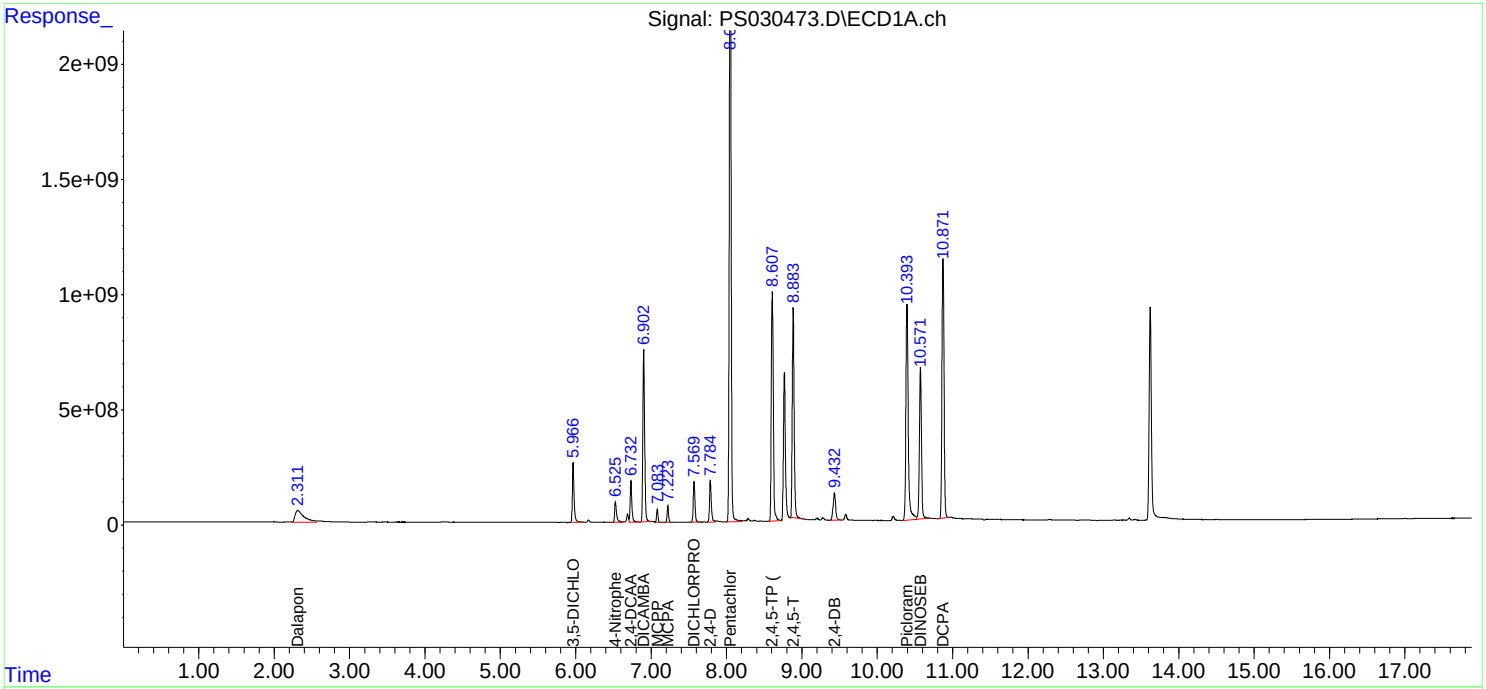
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 00:59
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

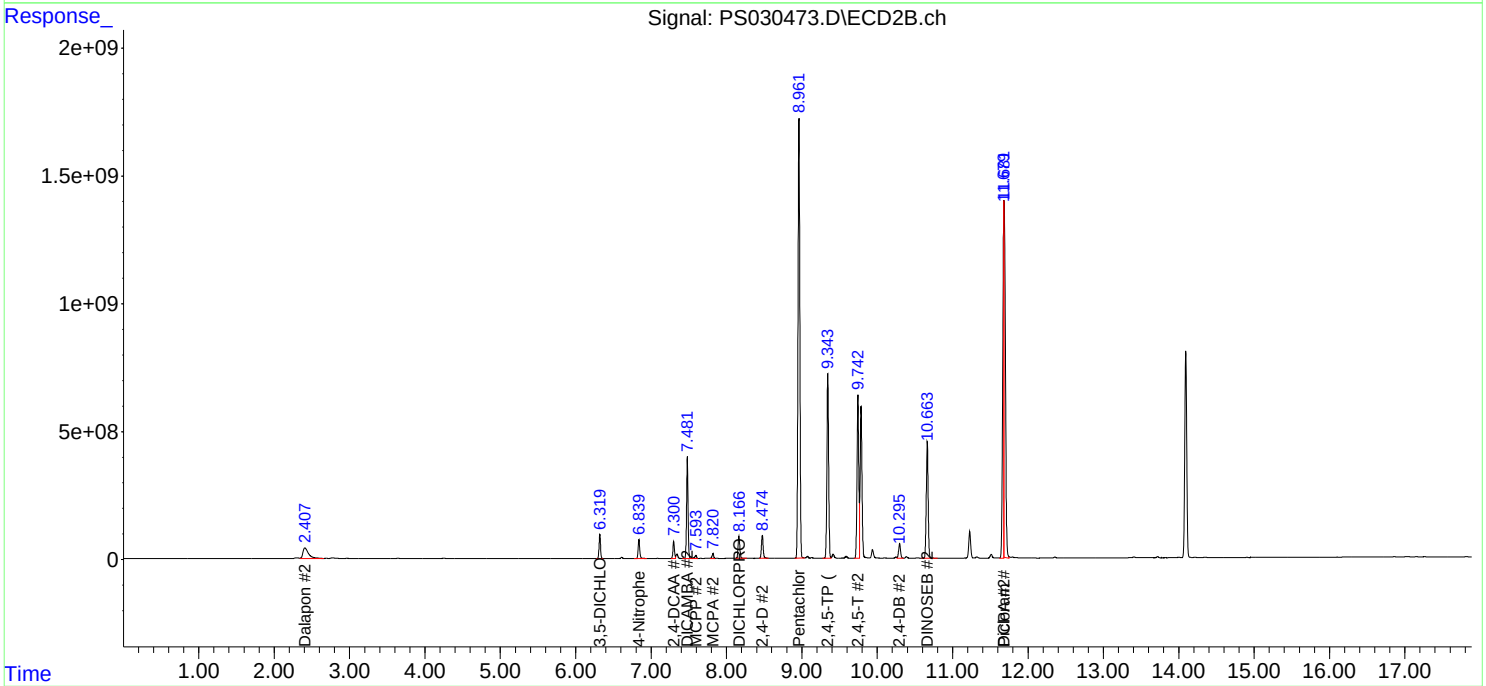
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 03:28:30 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





Raw Data: **PS030483.D**

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

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	RT WINDOW 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

Raw Data: **PS030483.D**

Alliance TECHNICAL GROUP

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

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 FROM	RT WINDOW TO	DIFF RT
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

Alliance TECHNICAL GROUP

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

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	RT WINDOW 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

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

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	RT WINDOW 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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 14:23
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 14:51:56 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	2738.5E6	753.4E6	725.393m	700.404
	Target Compounds						
1) T	Dalapon	2.717	2.712	3748.9E6	1785.5E6	663.878	651.643
2) T	3,5-DICHL...	6.523	6.716	3688.6E6	1041.0E6	679.753	665.508
3) T	4-Nitroph...	7.166	7.303	1214.4E6	1029.1E6	662.235	656.636
5) T	DICAMBA	7.560	7.977	10706.1E6	4383.5E6	694.187	680.499
6) T	MCPP	7.743	8.077	690.2E6	161.3E6	69.684	69.767
7) T	MCPA	7.893	8.326	861.7E6	217.1E6	67.911	70.357m
8) T	DICHLORPROP	8.276	8.697	2465.2E6	997.9E6	677.609	672.348
9) T	2,4-D	8.509	9.033	2501.2E6	1060.6E6	686.471	674.553
10) T	Pentachlo...	8.819	9.560	38227.4E6	25343.4E6	752.712	701.294
11) T	2,4,5-TP ...	9.401	9.941	14542.3E6	9418.6E6	703.715	686.649
12) T	2,4,5-T	9.697	10.367	13059.3E6	9010.0E6	708.549	690.044
13) T	2,4-DB	10.276	10.935	2135.6E6	779.6E6	703.343	678.156
14) T	DINOSEB	11.500	11.321	9975.1E6	6878.6E6	693.921	684.428
15) T	Picloram	11.305	12.429	13806.2E6	15486.1E6	690.146	701.241
16) T	DCPA	11.795	12.366	18723.3E6	14301.9E6	708.140	698.919

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 14:23
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

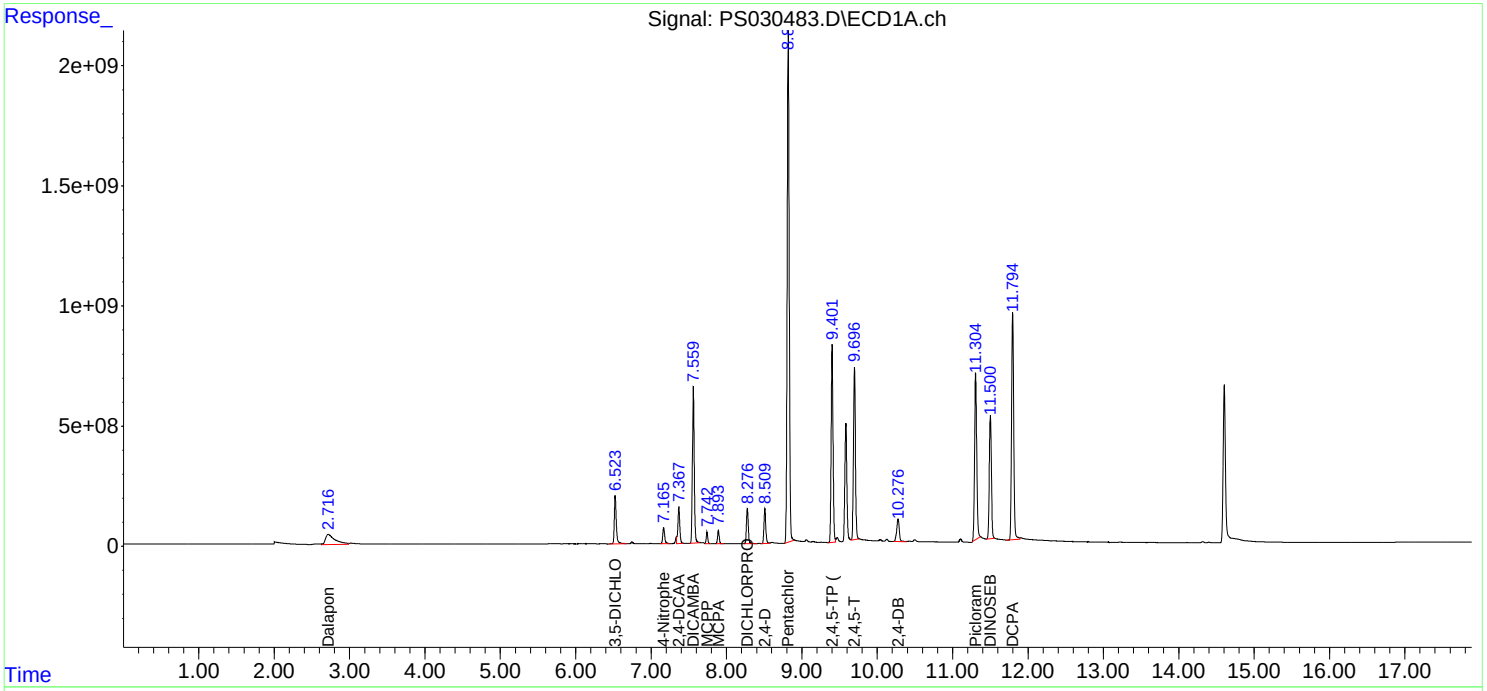
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

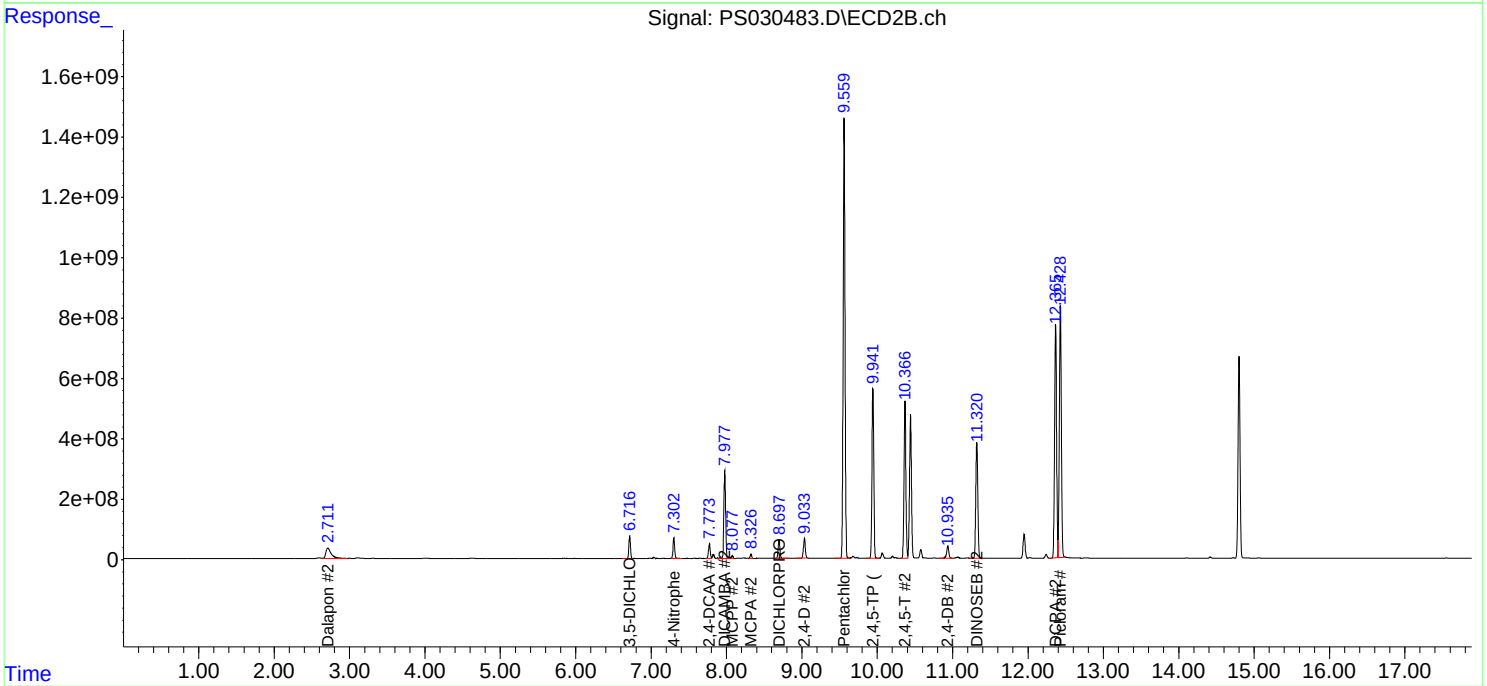
Manual Integrations APPROVED

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 14:51:56 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





Raw Data: **PS030489.D**

Alliance TECHNICAL GROUP

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

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 FROM	RT WINDOW 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	0.01
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

Raw Data: **PS030489.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

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

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	RT WINDOW 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

Raw Data: **PS030489.D**

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

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	RT WINDOW 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

Quantitation Report (QT Reviewed)

Sample Results: **PS030489.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 16:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 17:06:20 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	7.366	7.773	2717.3E6	766.5E6	719.778m	712.643
		Target Compounds						
1)	T	Dalapon	2.718	2.711	3806.7E6	1792.5E6	674.116	654.202
2)	T	3,5-DICHL...	6.523	6.716	3679.7E6	1064.9E6	678.124	680.789
3)	T	4-Nitroph...	7.165	7.302	1206.1E6	1048.2E6	657.714	668.817
5)	T	DICAMBA	7.558	7.977	10706.5E6	4437.3E6	694.213	688.842
6)	T	MCPP	7.741	8.077	695.3E6	160.0E6	70.194	69.234
7)	T	MCPA	7.892	8.326	869.9E6	218.5E6	68.554	70.812m
8)	T	DICHLORPROP	8.275	8.697	2469.0E6	994.6E6	678.653	670.147
9)	T	2,4-D	8.508	9.033	2509.2E6	1069.7E6	688.647	680.337
10)	T	Pentachlo...	8.817	9.560	38034.0E6	25385.3E6	748.905	702.454
11)	T	2,4,5-TP ...	9.400	9.940	14496.6E6	9468.9E6	701.502	690.319
12)	T	2,4,5-T	9.694	10.367	13037.4E6	9113.1E6	707.360	697.941
13)	T	2,4-DB	10.275	10.934	2159.3E6	788.2E6	711.142	685.668m
14)	T	DINOSEB	11.498	11.320	9792.5E6	6802.1E6	681.218	676.818
15)	T	Picloram	11.302	12.427	13741.9E6	15366.2E6	686.932	695.813
16)	T	DCPA	11.793	12.365	18479.3E6	14202.5E6	698.912	694.059

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 16:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

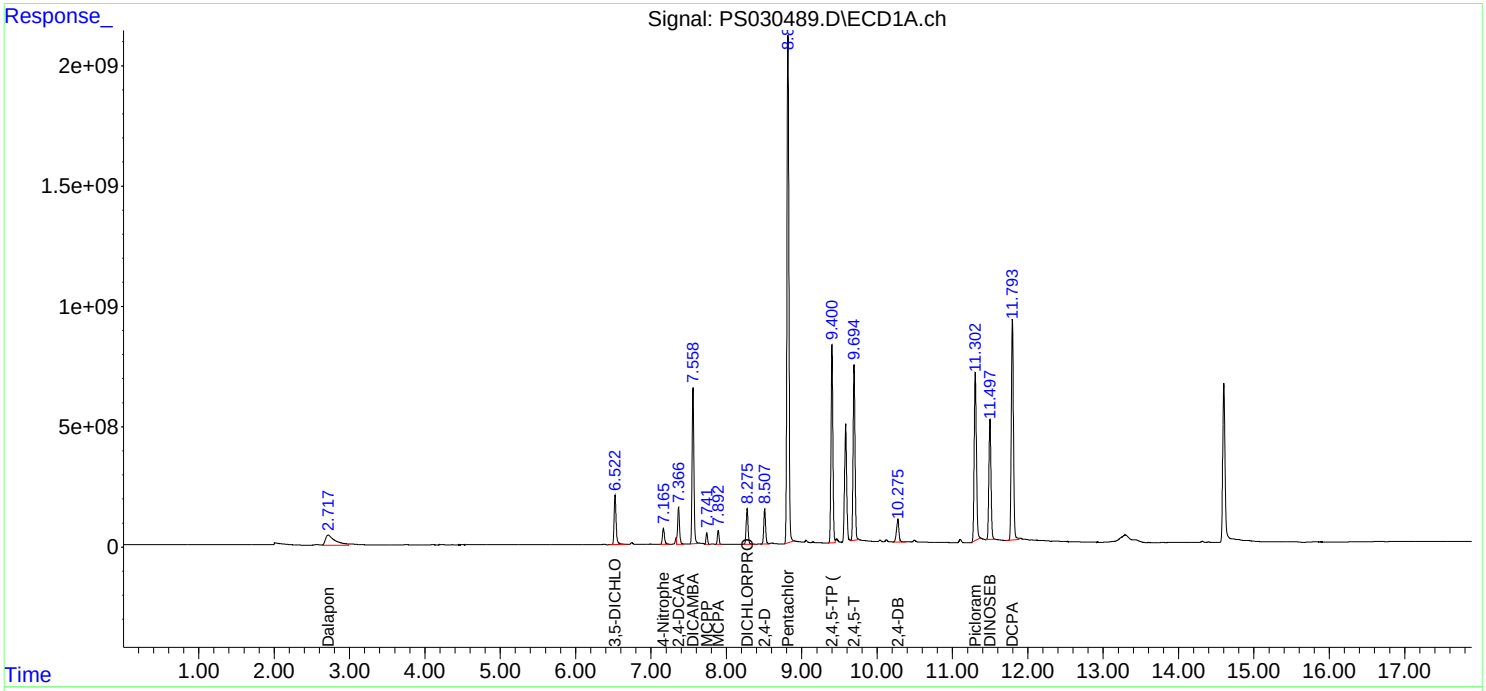
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

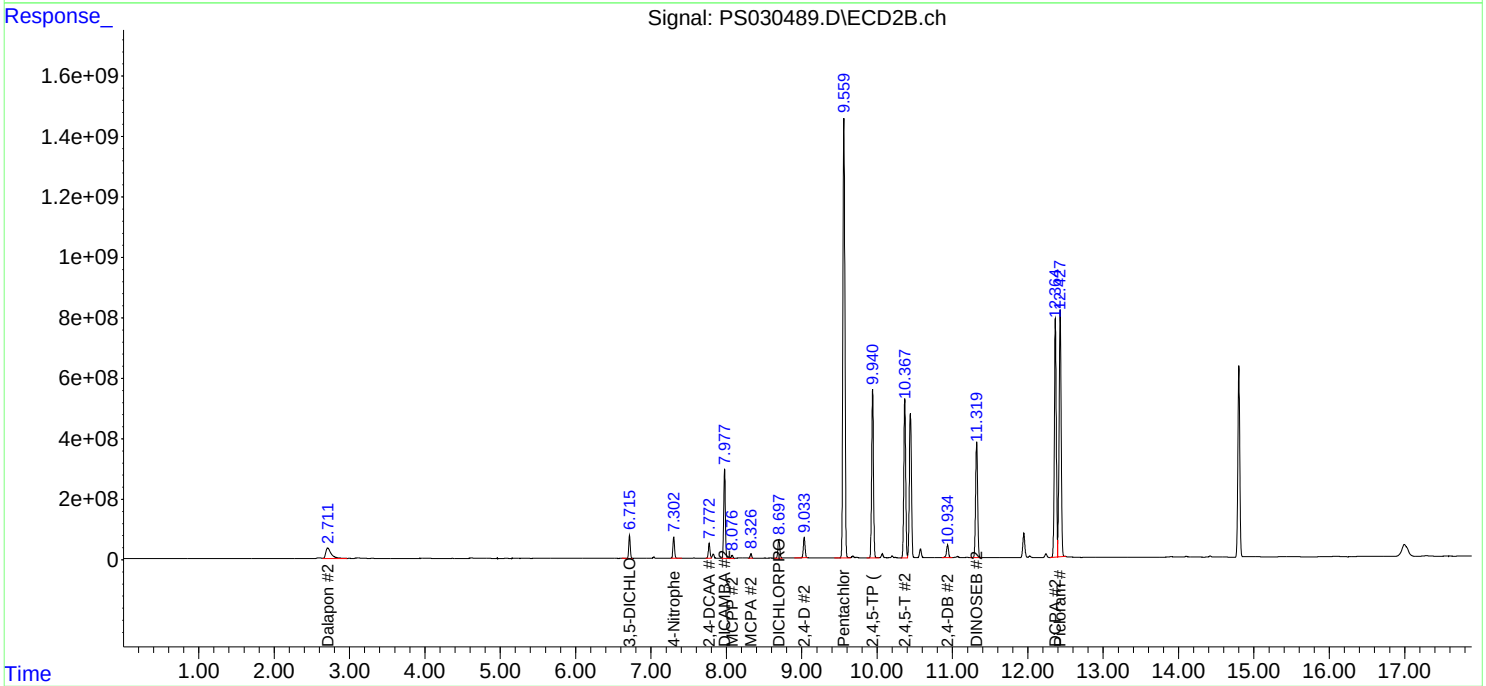
Manual Integrations APPROVED

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 17:06:20 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





Raw Data: **PS030575.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030575.D**

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

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	RT WINDOW 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

Alliance TECHNICAL GROUP

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

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	RT WINDOW 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

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

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	RT WINDOW 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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 17:46
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 02:55:34 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	7.769	2795.3E6	775.1E6	740.449m	720.576
	Target Compounds						
1) T	Dalapon	2.714	2.713	3910.0E6	1816.2E6	692.404	662.848
2) T	3,5-DICHL...	6.518	6.714	3820.6E6	1066.5E6	704.076	681.766
3) T	4-Nitroph...	7.160	7.300	1235.8E6	1091.8E6	673.932	696.630
5) T	DICAMBA	7.552	7.973	11212.0E6	4536.3E6	726.988	704.218
6) T	MCPP	7.734	8.072	778.8E6	164.5E6	78.625m	71.174
7) T	MCPA	7.884	8.322	880.7E6	201.3E6	69.408	65.227
8) T	DICHLORPROP	8.267	8.693	2547.7E6	1037.1E6	700.266	698.745
9) T	2,4-D	8.500	9.028	2485.9E6	1099.4E6	682.251	699.235
10) T	Pentachlo...	8.809	9.555	39306.6E6	26528.8E6	773.962	734.098
11) T	2,4,5-TP ...	9.390	9.935	14906.8E6	9816.8E6	721.350	715.678
12) T	2,4,5-T	9.685	10.361	12705.4E6	9251.9E6	689.347	708.569
13) T	2,4-DB	10.264	10.928	1923.5E6	789.9E6	633.503	687.129
14) T	DINOSEB	11.486	11.315	10146.6E6	7121.3E6	705.857	708.577
15) T	Picloram	11.292	12.422	12561.8E6	14941.6E6	627.939m	676.583
16) T	DCPA	11.783	12.358	19306.4E6	15105.7E6	730.195	738.197m

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

Sample Results: **PS030575.D**

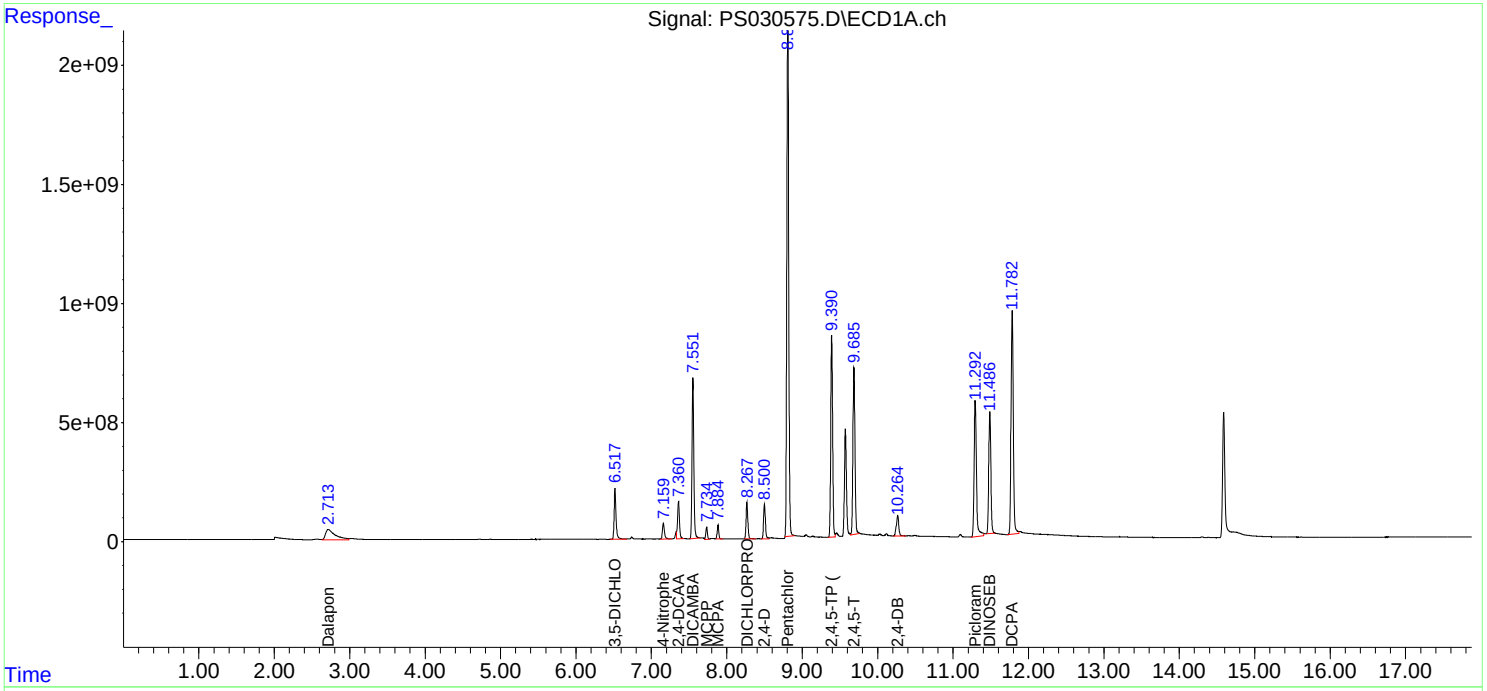
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 17:46
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

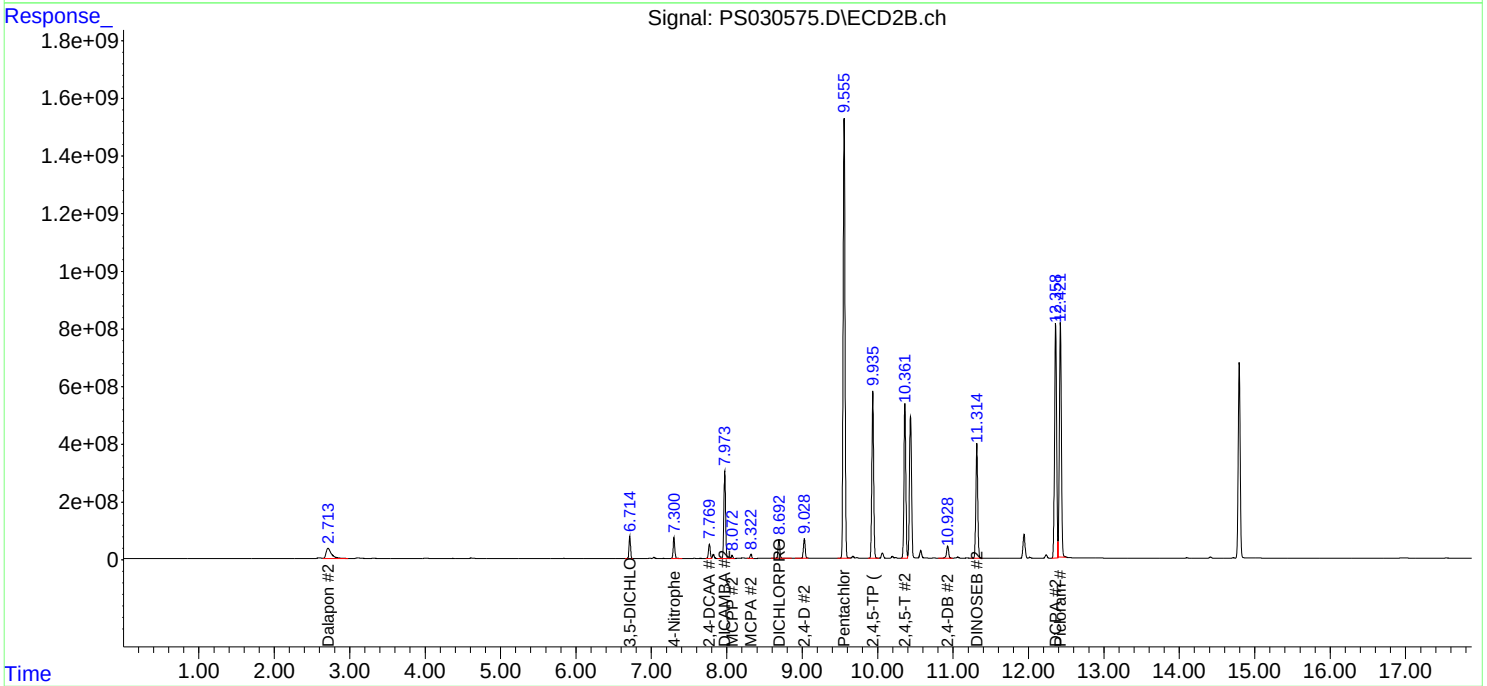
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 02:55:34 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





Raw Data: **PS030580.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030580.D**

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Fax : 908 789 8922

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	RT WINDOW 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

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

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	RT WINDOW 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

Alliance TECHNICAL GROUP

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

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	RT WINDOW 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

Quantitation Report (QT Reviewed)

Sample Results: **PS030580.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 19:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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 02:56:40 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	7.769	2766.9E6	778.7E6	732.927m	723.923
	Target Compounds						
1) T	Dalapon	2.715	2.712	3976.0E6	1849.2E6	704.100	674.871
2) T	3,5-DICHL...	6.518	6.715	3839.0E6	1080.6E6	707.475	690.803
3) T	4-Nitroph...	7.160	7.300	1231.7E6	1112.6E6	671.673	709.882
5) T	DICAMBA	7.552	7.973	11250.0E6	4573.4E6	729.449	709.967
6) T	MCPP	7.733	8.072	738.4E6	147.6E6	74.551m	63.861
7) T	MCPA	7.885	8.322	877.8E6	202.5E6	69.178	65.614
8) T	DICHLORPROP	8.268	8.693	2549.5E6	1041.6E6	700.777	701.792
9) T	2,4-D	8.499	9.028	2513.5E6	1103.6E6	689.845	701.865
10) T	Pentachlo...	8.809	9.555	39441.9E6	26522.4E6	776.628	733.920
11) T	2,4,5-TP ...	9.390	9.935	14964.0E6	9820.8E6	724.119	715.975
12) T	2,4,5-T	9.684	10.361	12866.9E6	9270.6E6	698.109	710.000
13) T	2,4-DB	10.264	10.928	1972.5E6	789.7E6	649.615	686.990
14) T	DINOSEB	11.486	11.314	10304.4E6	7165.1E6	716.832	712.939
15) T	Picloram	11.291	12.422	12766.2E6	15229.8E6	638.156m	689.634
16) T	DCPA	11.781	12.358	19407.8E6	14979.0E6	734.028	732.007m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 19:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

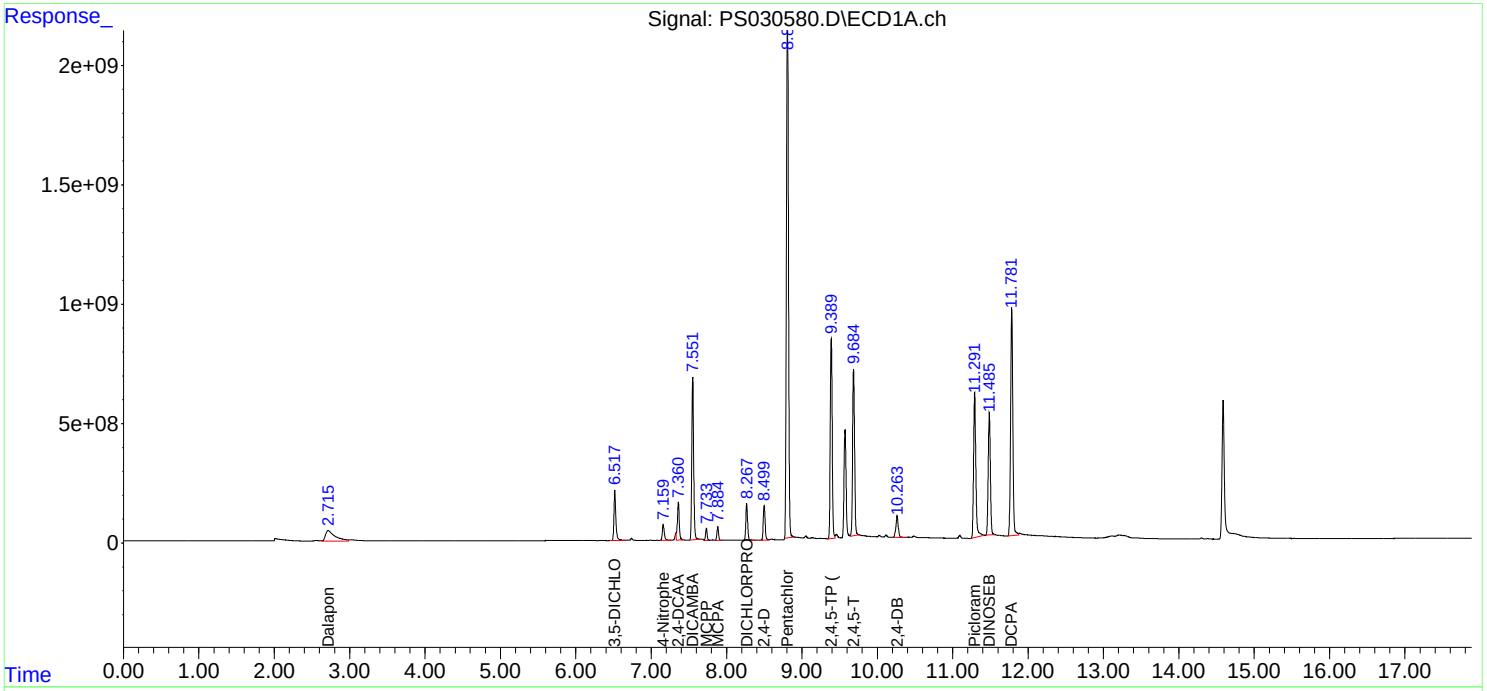
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

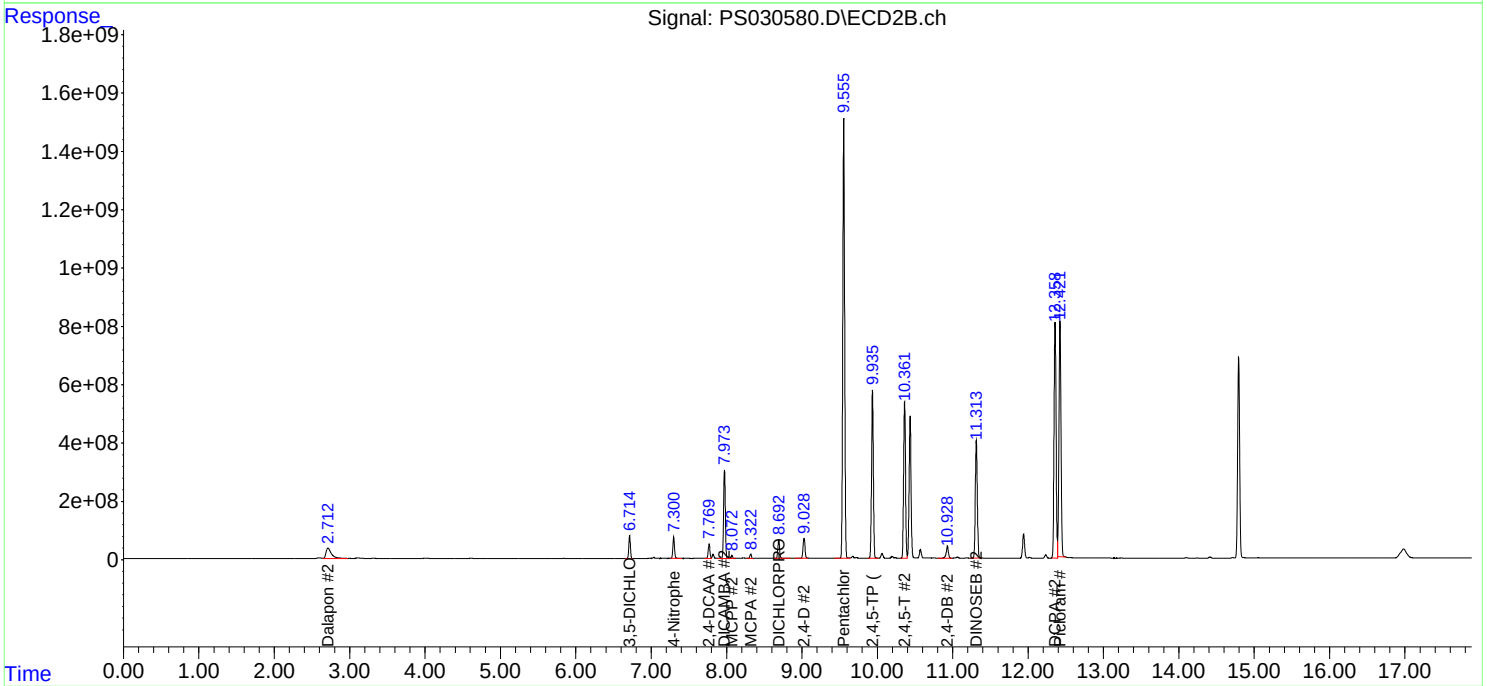
Manual Integrations APPROVED

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 02:56:40 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





Raw Data: **PS030594.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 06/10/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 12:27 **Initial Calibration Time(s):** 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
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	0.02

Raw Data: **PS030594.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 06/10/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 12:27 **Initial Calibration Time(s):** 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW 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

Alliance TECHNICAL GROUP

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

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:** 06/10/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030594.D **Time Analyzed:** 12:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.683	9.597	9.797	707.270	712.500	-0.7
2,4,5-TP(Silvex)	9.389	9.304	9.504	739.160	712.500	3.7
2,4-D	8.499	8.412	8.612	693.550	705.000	-1.6
2,4-DB	10.263	10.179	10.379	652.380	712.500	-8.4
2,4-DCAA	7.360	7.269	7.469	752.900	750.000	0.4
DICAMBA	7.551	7.461	7.661	741.410	705.000	5.2
DICHLORPROP	8.266	8.179	8.379	713.240	705.000	1.2
Dinoseb	11.485	11.402	11.602	736.750	705.000	4.5

Raw Data: **PS030594.D**

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

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:** 06/10/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030594.D **Time Analyzed:** 12:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.360	10.268	10.468	729.720	712.500	2.4
2,4,5-TP(Silvex)	9.935	9.842	10.042	735.940	712.500	3.3
2,4-D	9.027	8.934	9.134	718.450	705.000	1.9
2,4-DB	10.928	10.836	11.036	707.420	712.500	-0.7
2,4-DCAA	7.769	7.674	7.874	746.710	750.000	-0.4
DICAMBA	7.972	7.877	8.077	730.310	705.000	3.6
DICHLORPROP	8.692	8.598	8.798	710.110	705.000	0.7
Dinoseb	11.313	11.221	11.421	741.330	705.000	5.2

Sample Results: **PS030594.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061025\
Data File : PS030594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 12:27
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 01:36:05 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	7.769	2842.3E6	803.2E6	752.896	746.713
		Target Compounds						
1)	T	Dalapon	2.712	2.712	4007.5E6	1866.1E6	709.680	681.040
2)	T	3,5-DICHL...	6.517	6.714	3921.8E6	1113.1E6	722.741	711.563
3)	T	4-Nitroph...	7.159	7.299	1220.4E6	1154.0E6	665.521	736.293
5)	T	DICAMBA	7.551	7.972	11434.4E6	4704.4E6	741.410	730.308
6)	T	MCPP	7.733	8.071	752.6E6	167.4E6	75.981m	72.398
7)	T	MCPA	7.884	8.320	888.8E6	201.3E6	70.039	65.246
8)	T	DICHLORPROP	8.266	8.692	2594.9E6	1053.9E6	713.241	710.109
9)	T	2,4-D	8.499	9.027	2527.0E6	1129.6E6	693.548	718.453
10)	T	Pentachlo...	8.804	9.554	40080.3E6	27281.3E6	789.197m	754.921
11)	T	2,4,5-TP ...	9.389	9.935	15274.8E6	10094.7E6	739.161	735.943
12)	T	2,4,5-T	9.683	10.360	13035.8E6	9528.0E6	707.274	729.717
13)	T	2,4-DB	10.263	10.928	1980.9E6	813.2E6	652.376	707.417
14)	T	DINOSEB	11.485	11.313	10590.7E6	7450.4E6	736.748	741.325
15)	T	Picloram	11.290	12.421	13168.9E6	15653.7E6	658.287m	708.831
16)	T	DCPA	11.781	12.357	19987.9E6	15538.7E6	755.969	759.359m

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

Sample Results: **PS030594.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061025\
Data File : PS030594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 12:27
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

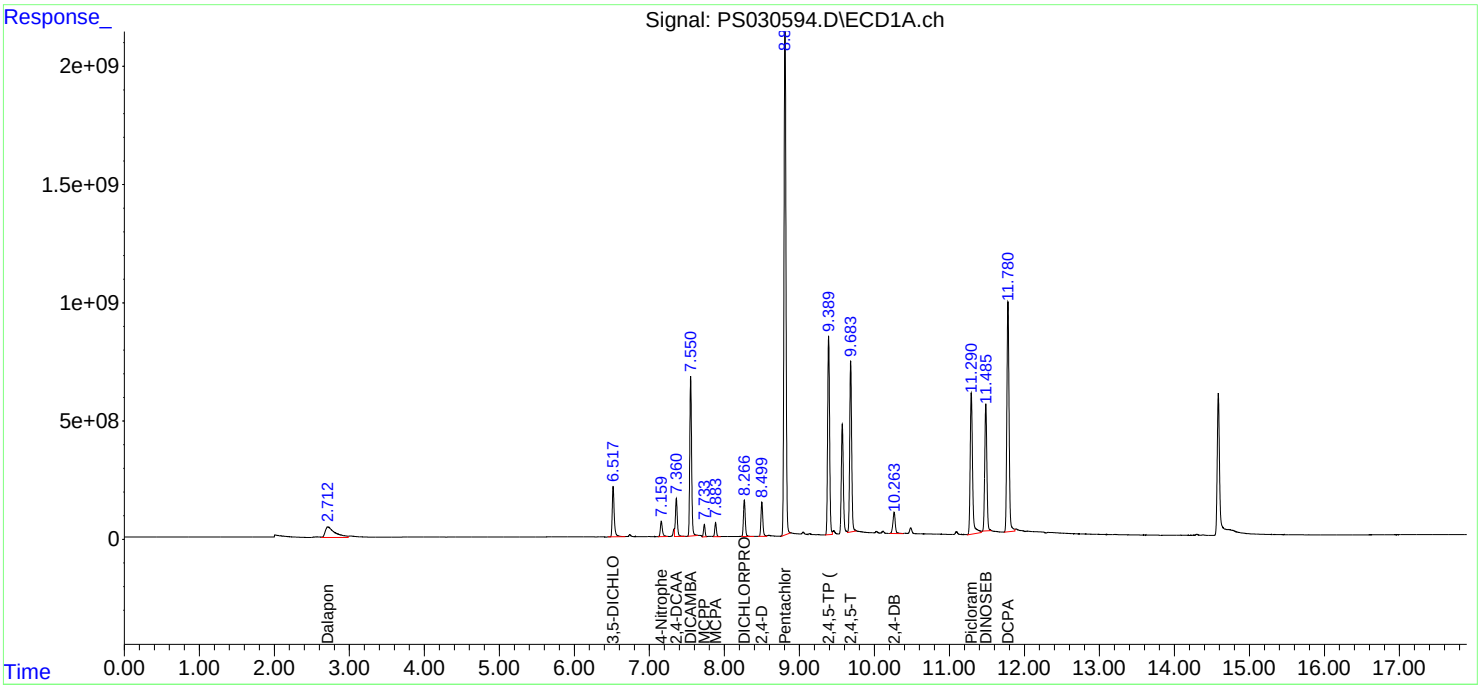
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

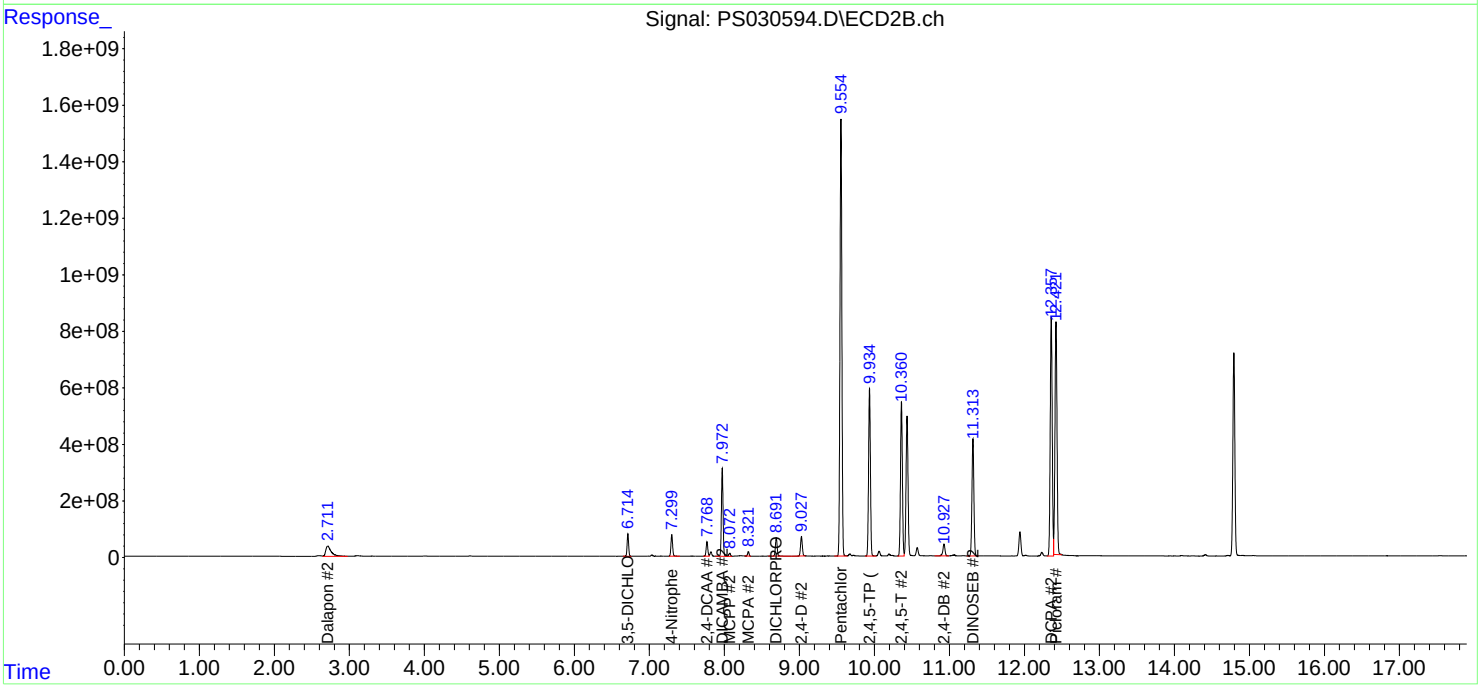
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 01:36:05 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 0.25µm





Raw Data: **PS030606.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 06/10/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 20:01 **Initial Calibration Time(s):** 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
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	11.48	11.50	11.40	11.60	0.02

Raw Data: **PS030606.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

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

Continuing Calib Date: 06/10/2025 **Initial Calibration Date(s):** 06/04/2025 06/04/2025

Continuing Calib Time: 20:01 **Initial Calibration Time(s):** 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW 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)	9.93	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

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

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:** 06/10/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030606.D **Time Analyzed:** 20:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.683	9.597	9.797	708.690	712.500	-0.5
2,4,5-TP(Silvex)	9.388	9.304	9.504	734.910	712.500	3.1
2,4-D	8.498	8.412	8.612	699.570	705.000	-0.8
2,4-DB	10.262	10.179	10.379	662.060	712.500	-7.1
2,4-DCAA	7.358	7.269	7.469	695.690	750.000	-7.2
DICAMBA	7.550	7.461	7.661	736.770	705.000	4.5
DICHLORPROP	8.265	8.179	8.379	709.770	705.000	0.7
Dinoseb	11.483	11.402	11.602	730.610	705.000	3.6

Raw Data: **PS030606.D**

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

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:** 06/10/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030606.D **Time Analyzed:** 20:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.360	10.268	10.468	734.330	712.500	3.1
2,4,5-TP(Silvex)	9.934	9.842	10.042	739.790	712.500	3.8
2,4-D	9.027	8.934	9.134	724.670	705.000	2.8
2,4-DB	10.927	10.836	11.036	717.750	712.500	0.7
2,4-DCAA	7.769	7.674	7.874	736.310	750.000	-1.8
DICAMBA	7.972	7.877	8.077	732.020	705.000	3.8
DICHLORPROP	8.692	8.598	8.798	712.380	705.000	1.0
Dinoseb	11.313	11.221	11.421	743.840	705.000	5.5

Sample Results: **PS030606.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061025\
Data File : PS030606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 20:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 01:38:20 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	7.358	7.769	2626.3E6	792.0E6	695.693m	736.310
		Target Compounds						
1)	T	Dalapon	2.716	2.711	3948.2E6	1862.7E6	699.178	679.799
2)	T	3,5-DICHL...	6.516	6.714	3891.0E6	1121.1E6	717.054	716.671
3)	T	4-Nitroph...	7.158	7.300	1231.6E6	1173.6E6	671.623	748.808
5)	T	DICAMBA	7.550	7.972	11362.8E6	4715.4E6	736.768	732.024
6)	T	MCPP	7.732	8.072	757.8E6	167.0E6	76.511m	72.224
7)	T	MCPA	7.883	8.321	891.3E6	212.4E6	70.238	68.821
8)	T	DICHLORPROP	8.265	8.692	2582.2E6	1057.3E6	709.767	712.385
9)	T	2,4-D	8.498	9.027	2549.0E6	1139.4E6	699.567	724.667
10)	T	Pentachlo...	8.807	9.554	39391.5E6	27457.3E6	775.634	759.790
11)	T	2,4,5-TP ...	9.388	9.934	15187.0E6	10147.5E6	734.913	739.791
12)	T	2,4,5-T	9.683	10.360	13061.9E6	9588.3E6	708.690	734.331
13)	T	2,4-DB	10.262	10.927	2010.3E6	825.1E6	662.060	717.754
14)	T	DINOSEB	11.483	11.313	10502.4E6	7475.7E6	730.606	743.837
15)	T	Picloram	11.290	12.421	13010.7E6	15497.3E6	650.380m	701.749
16)	T	DCPA	11.779	12.358	19887.4E6	15582.2E6	752.168	761.484m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061025\
Data File : PS030606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 20:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

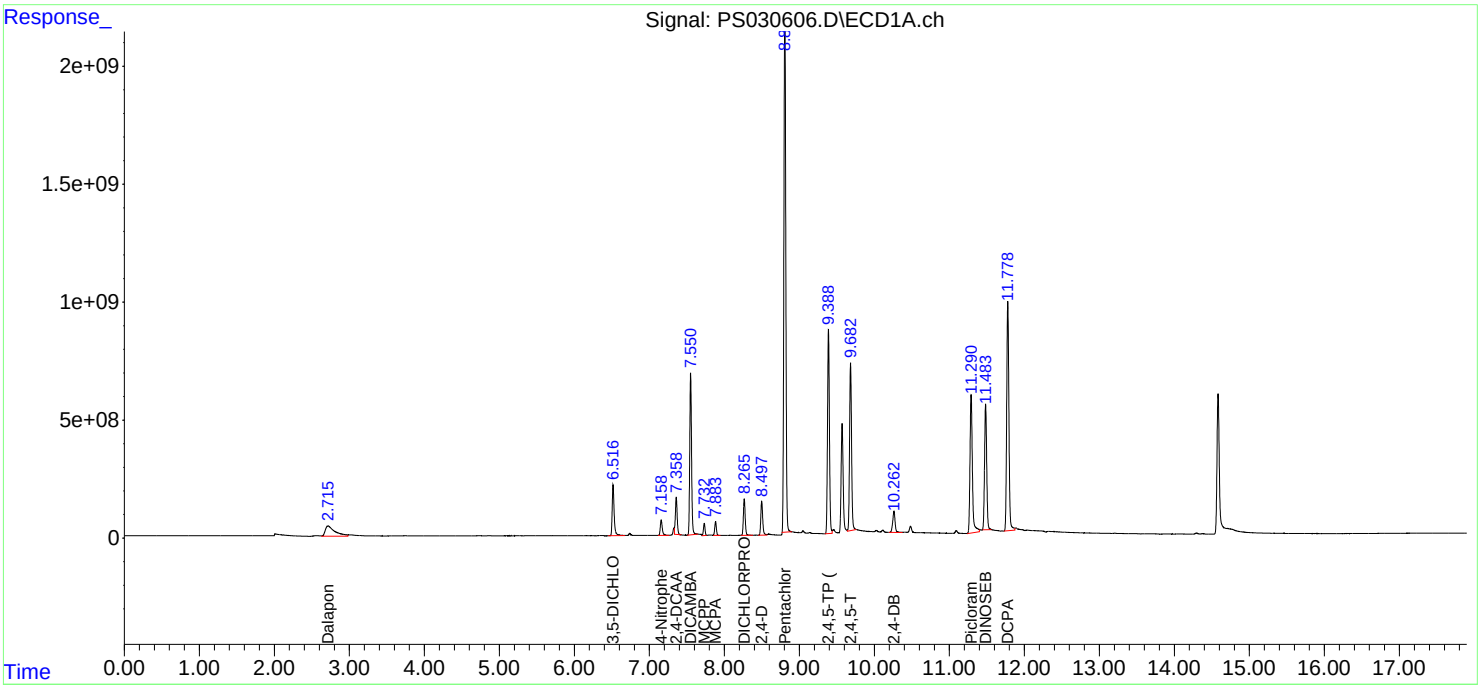
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

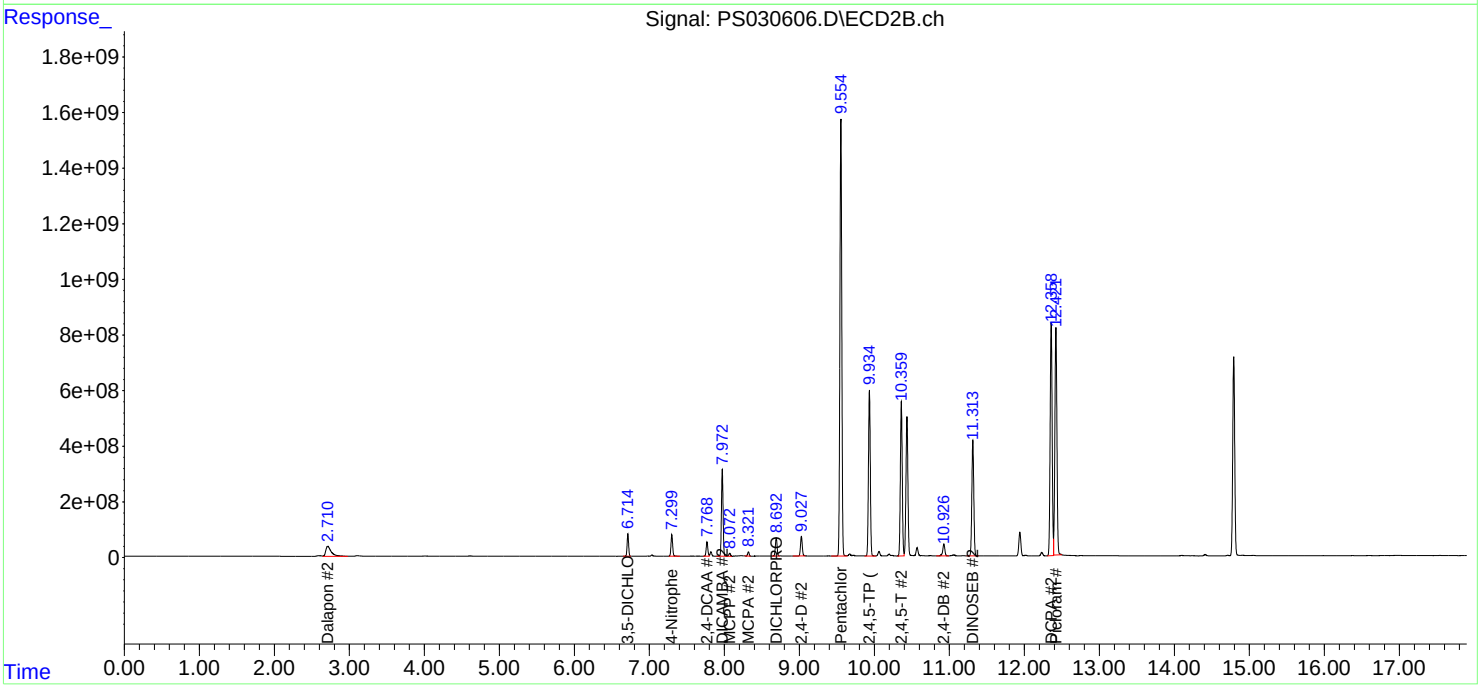
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 01:38:20 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 0.25µm





Raw Data: **PS030621.D**

Alliance TECHNICAL GROUP

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030621.D**

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

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 FROM	RT WINDOW 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)	9.93	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

Raw Data: **PS030621.D**

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

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	RT WINDOW 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

Raw Data: **PS030621.D**

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

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	RT WINDOW 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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 09:10
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 02:45:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.356	7.768	2784.0E6	808.2E6	737.451m	751.351
		Target Compounds						
1)	T	Dalapon	2.715	2.711	3897.7E6	1867.6E6	690.224	681.596
2)	T	3,5-DICHL...	6.515	6.713	3925.0E6	1148.8E6	723.320	734.382
3)	T	4-Nitroph...	7.157	7.299	1204.8E6	1198.1E6	656.995	764.454
5)	T	DICAMBA	7.549	7.971	11476.3E6	4835.2E6	744.125	750.621
6)	T	MCPP	7.730	8.070	781.1E6	171.5E6	78.862m	74.175
7)	T	MCPA	7.881	8.320	901.2E6	214.6E6	71.018	69.553
8)	T	DICHLORPROP	8.264	8.691	2594.7E6	1081.4E6	713.194	728.611
9)	T	2,4-D	8.496	9.026	2520.2E6	1164.3E6	691.669	740.501
10)	T	Pentachlo...	8.800	9.552	40024.2E6	28109.9E6	788.093m	777.847
11)	T	2,4,5-TP ...	9.386	9.932	15221.0E6	10353.1E6	736.557	754.776
12)	T	2,4,5-T	9.680	10.359	12913.9E6	9793.1E6	700.661	750.021
13)	T	2,4-DB	10.259	10.925	1953.8E6	841.6E6	643.459	732.105
14)	T	DINOSEB	11.481	11.311	10322.3E6	7567.0E6	718.075	752.928
15)	T	Picloram	11.286	12.419	12863.8E6	16009.8E6	643.035m	724.955
16)	T	DCPA	11.776	12.355	19915.3E6	15879.3E6	753.223	776.005m

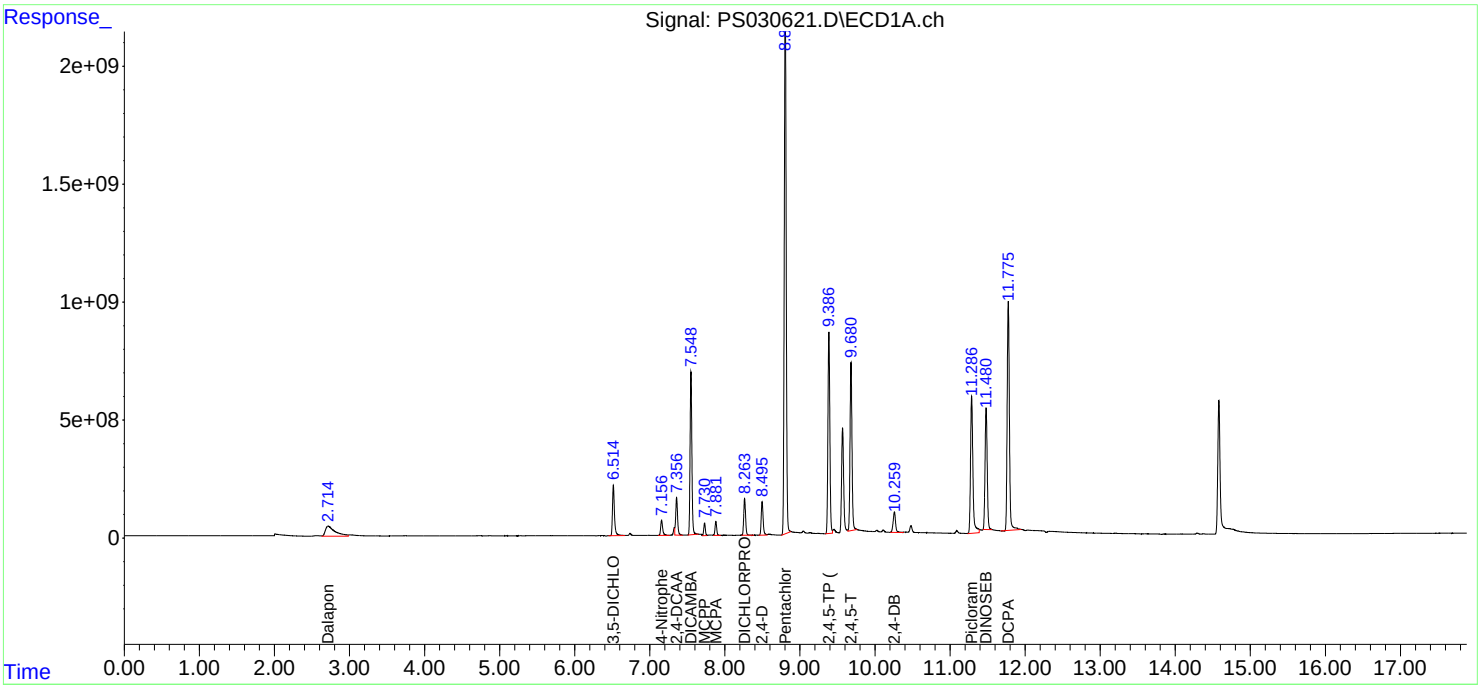
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

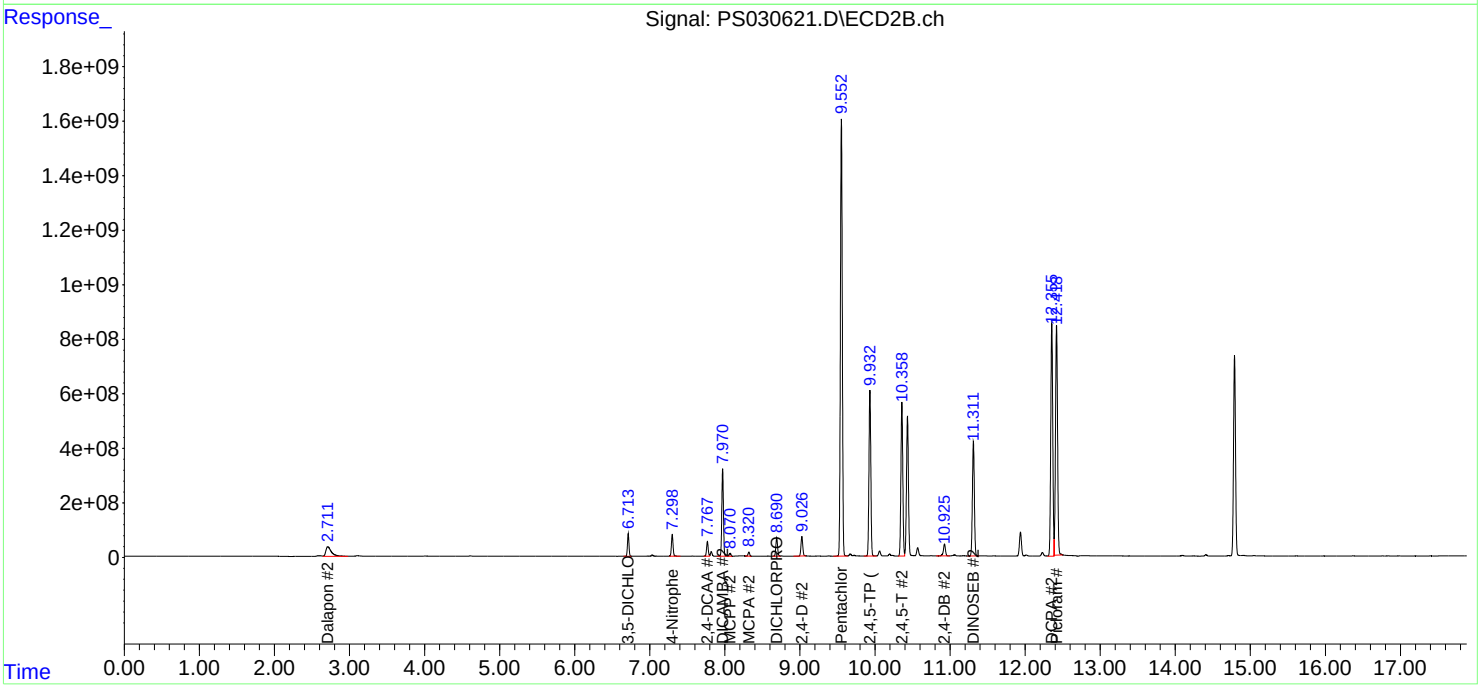
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 09:10
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 02:45:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PS030630.D**

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

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 FROM	RT WINDOW TO	DIFF RT
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

Raw Data: **PS030630.D**

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

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 FROM	RT WINDOW 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	0.01
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

Raw Data: **PS030630.D**

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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	RT WINDOW 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

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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	RT WINDOW 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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030630.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:32
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 03:16:16 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	7.765	2678.2E6	781.3E6	709.422m	726.416
		Target Compounds						
1)	T	Dalapon	2.711	2.707	3913.3E6	1845.9E6	692.985	673.699
2)	T	3,5-DICHL...	6.514	6.710	3730.7E6	1101.5E6	687.515	704.159
3)	T	4-Nitroph...	7.156	7.296	1155.2E6	1150.1E6	629.982	733.862
5)	T	DICAMBA	7.548	7.968	10962.5E6	4608.3E6	710.811	715.393
6)	T	MCPP	7.730	8.068	713.6E6	158.8E6	72.048m	68.680
7)	T	MCPA	7.881	8.317	856.1E6	198.6E6	67.464	64.371
8)	T	DICHLORPROP	8.264	8.688	2471.6E6	1031.0E6	679.349	694.625
9)	T	2,4-D	8.497	9.023	2486.1E6	1124.1E6	682.316	714.950
10)	T	Pentachlo...	8.802	9.550	38880.1E6	26983.0E6	765.565m	746.664
11)	T	2,4,5-TP ...	9.387	9.931	14650.6E6	9941.4E6	708.952	724.765
12)	T	2,4,5-T	9.681	10.357	12475.0E6	9432.0E6	676.848	722.368
13)	T	2,4-DB	10.261	10.924	1899.8E6	806.3E6	625.666	701.440
14)	T	DINOSEB	11.482	11.310	9929.6E6	7238.7E6	690.759	720.259
15)	T	Picloram	11.289	12.418	12295.2E6	15645.9E6	614.611m	708.475
16)	T	DCPA	11.778	12.354	19129.6E6	15422.6E6	723.508	753.685

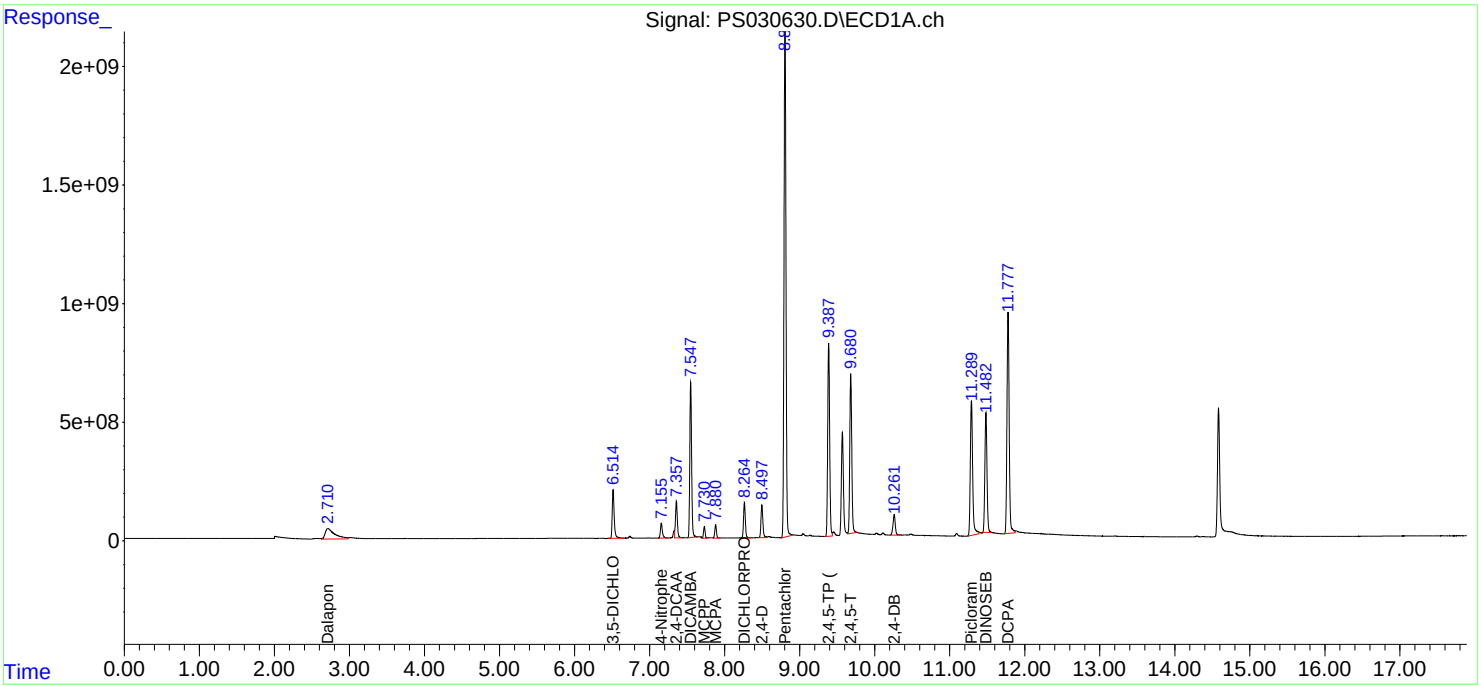
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

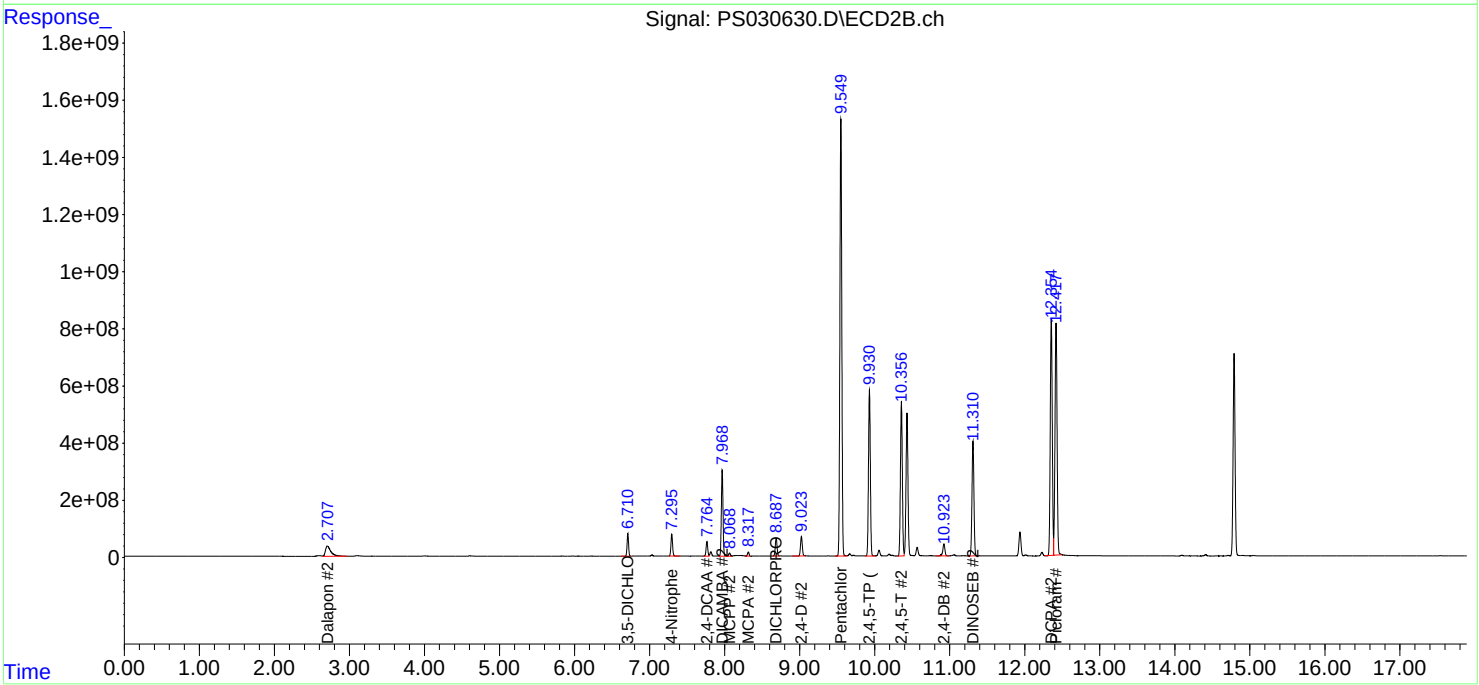
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030630.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:32
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 03:16:16 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 0.25µm





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

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 #
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	06/03/2025	00:35	PS030472.D	6.73	0.00
HSTDCCC750	HSTDCCC750	06/03/2025	00:59	PS030473.D	6.73	0.00
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	06/04/2025	16:26	PS030488.D	7.37	0.00
HSTDCCC750	HSTDCCC750	06/04/2025	16:50	PS030489.D	7.37	0.00
I.BLK	I.BLK	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
I.BLK	I.BLK	06/09/2025	19:29	PS030579.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	19:53	PS030580.D	7.36	0.00
I.BLK	I.BLK	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

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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

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

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 #
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	06/03/2025	00:35	PS030472.D	7.30	0.00
HSTDCCC750	HSTDCCC750	06/03/2025	00:59	PS030473.D	7.30	0.00
I.BLK	I.BLK	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
I.BLK	I.BLK	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
I.BLK	I.BLK	06/04/2025	16:26	PS030488.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/04/2025	16:50	PS030489.D	7.77	0.00
I.BLK	I.BLK	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
I.BLK	I.BLK	06/09/2025	19:29	PS030579.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	19:53	PS030580.D	7.77	0.00
I.BLK	I.BLK	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

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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

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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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
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	

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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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
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	

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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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
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	

QC SAMPLE DATA

Raw Data: **PS030484.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

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 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

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
	System Monitoring Compounds						
4) S	2,4-DCAA	7.367	7.772	1644.9E6	462.4E6	435.731	429.872
	Target Compounds						

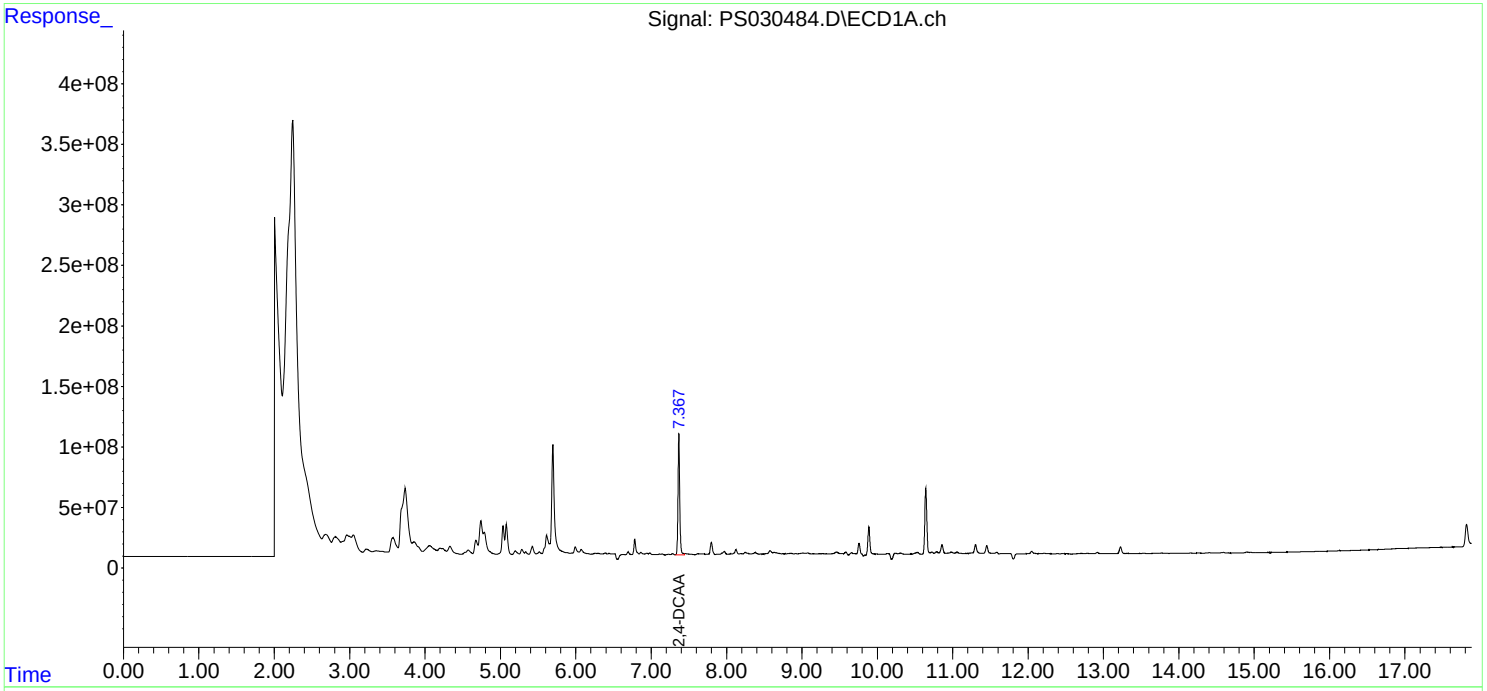
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

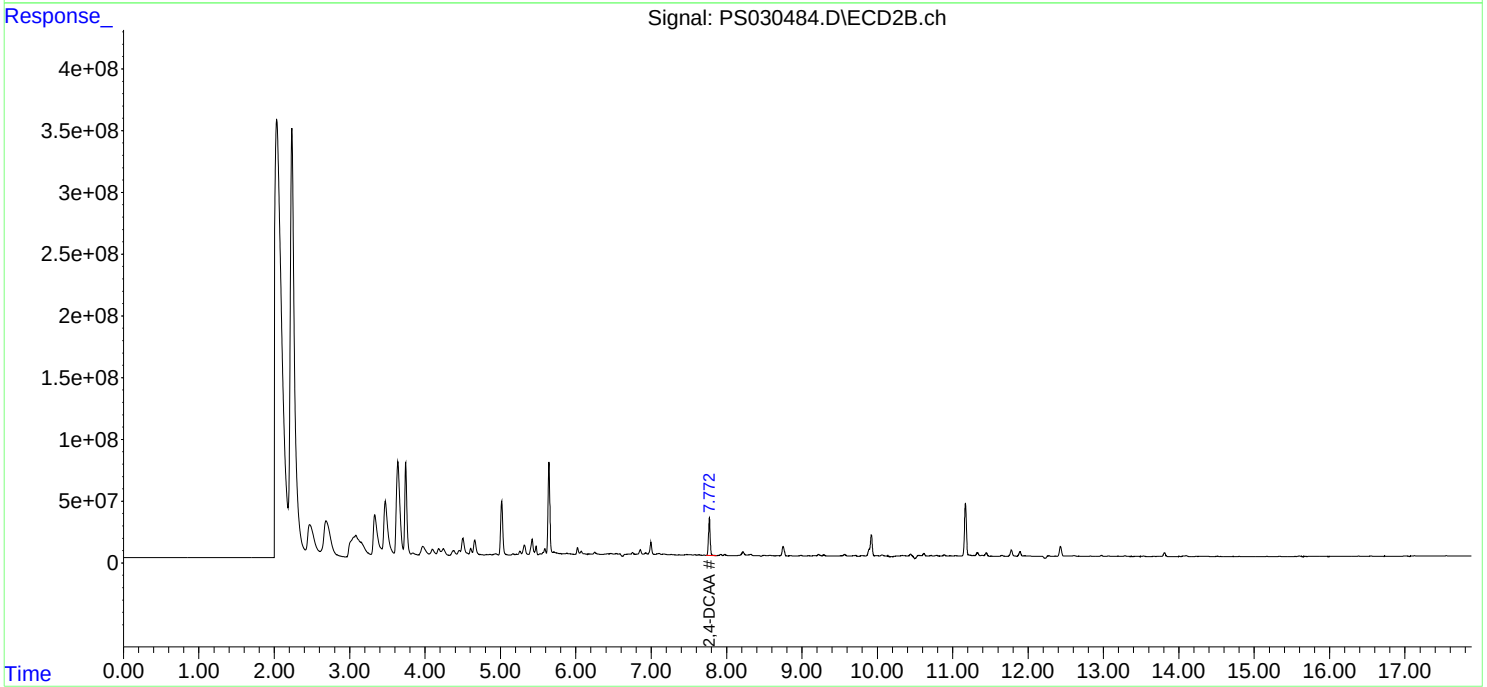
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 14:47
Operator : AR\AJ
Sample : PB168207BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

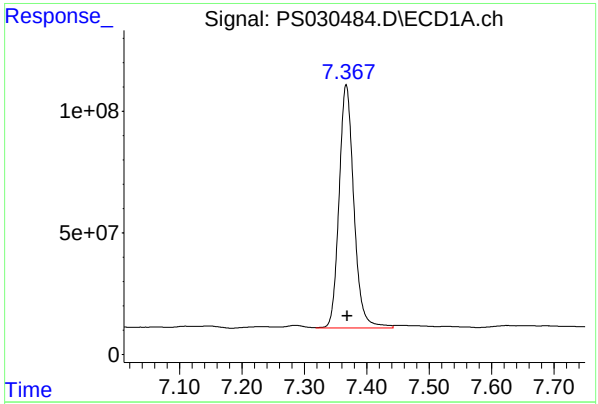
Instrument :
ECD_S
ClientSampleId :
PB168207BL

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



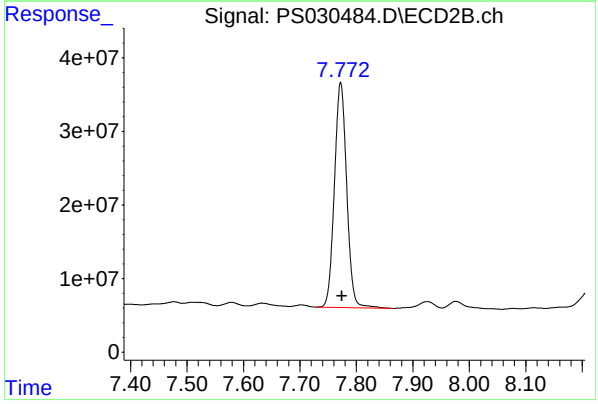




#4 2,4-DCAA

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

Raw Data: **PS030436.D**

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Fax : 908 789 8922

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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:

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

Quantitation Report (QT Reviewed)

Sample Results: **PS030436.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 08:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 12:52:21 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	1883.6E6	598.1E6	464.805	470.002
	Target Compounds						

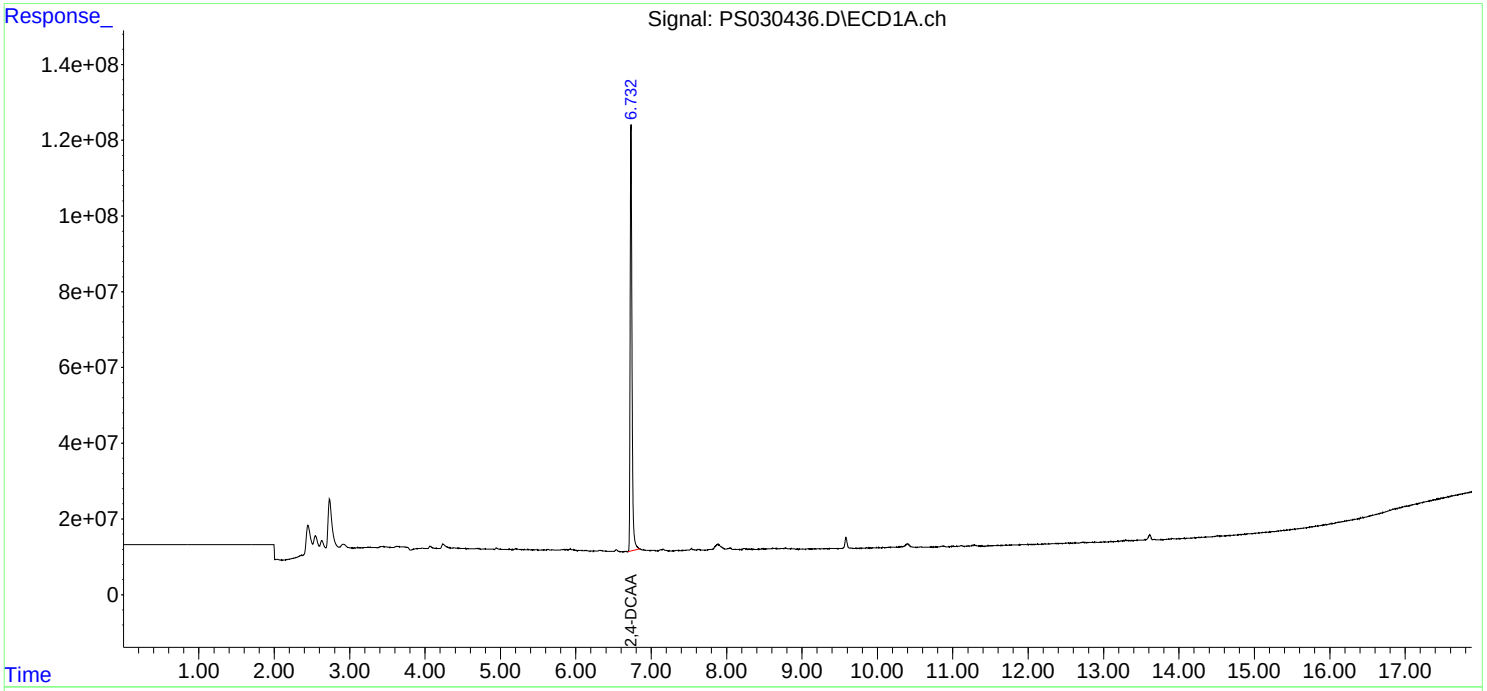
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

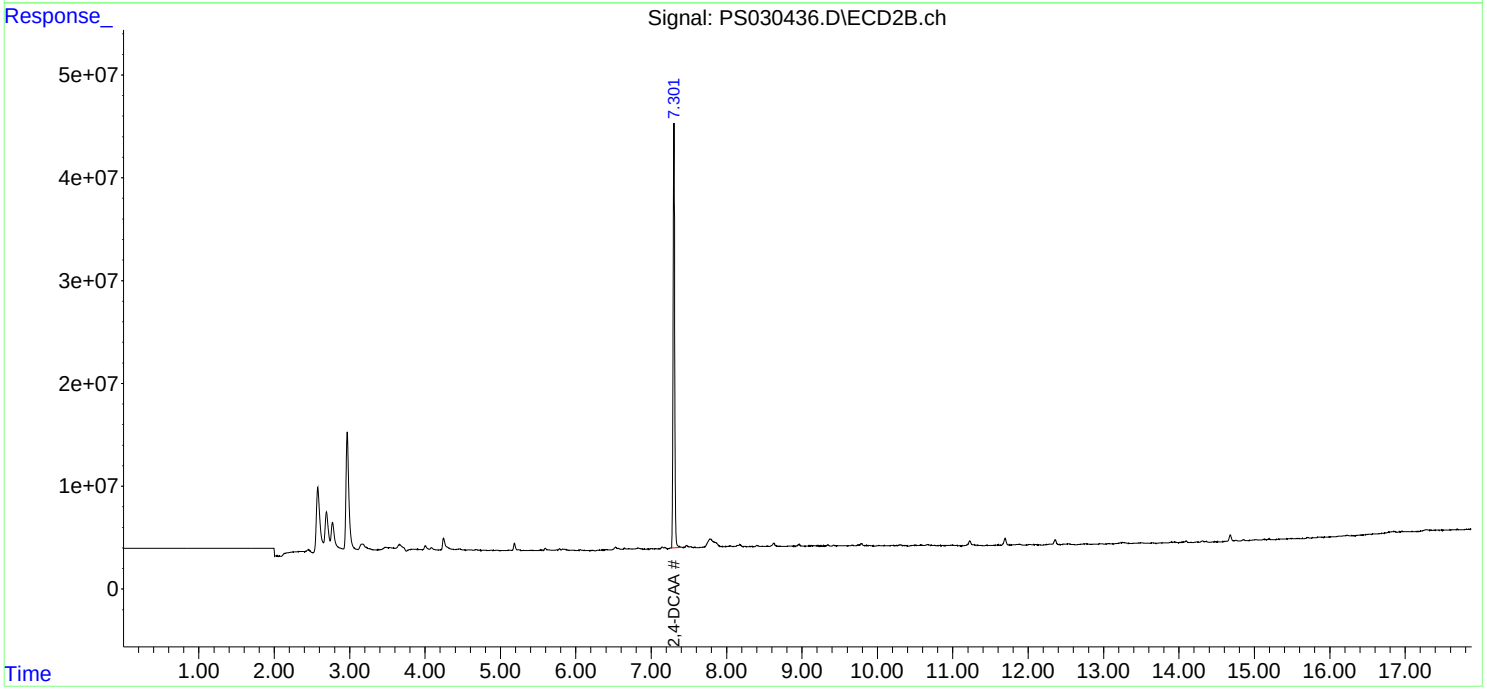
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 08:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

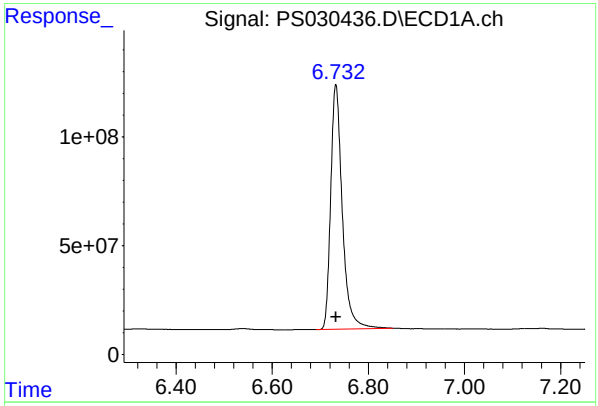
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 12:52:21 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



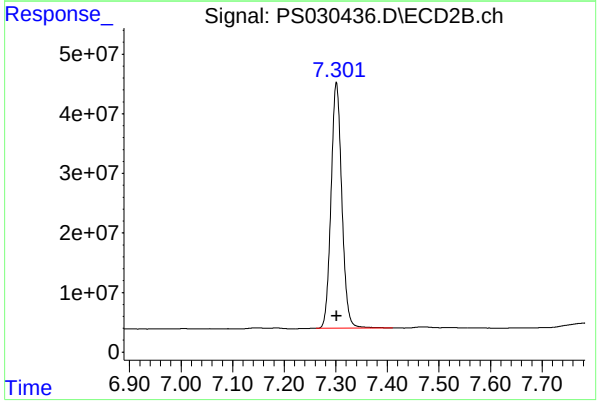




#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1883587944
Conc: 464.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 598061434
Conc: 470.00 ng/ml

Raw Data: **PS030455.D**

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Fax : 908 789 8922

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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:

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 17:46
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 23:16:50 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
	System Monitoring Compounds						
4) S	2,4-DCAA	6.732	7.301	1893.5E6	614.0E6	467.250	482.514
	Target Compounds						

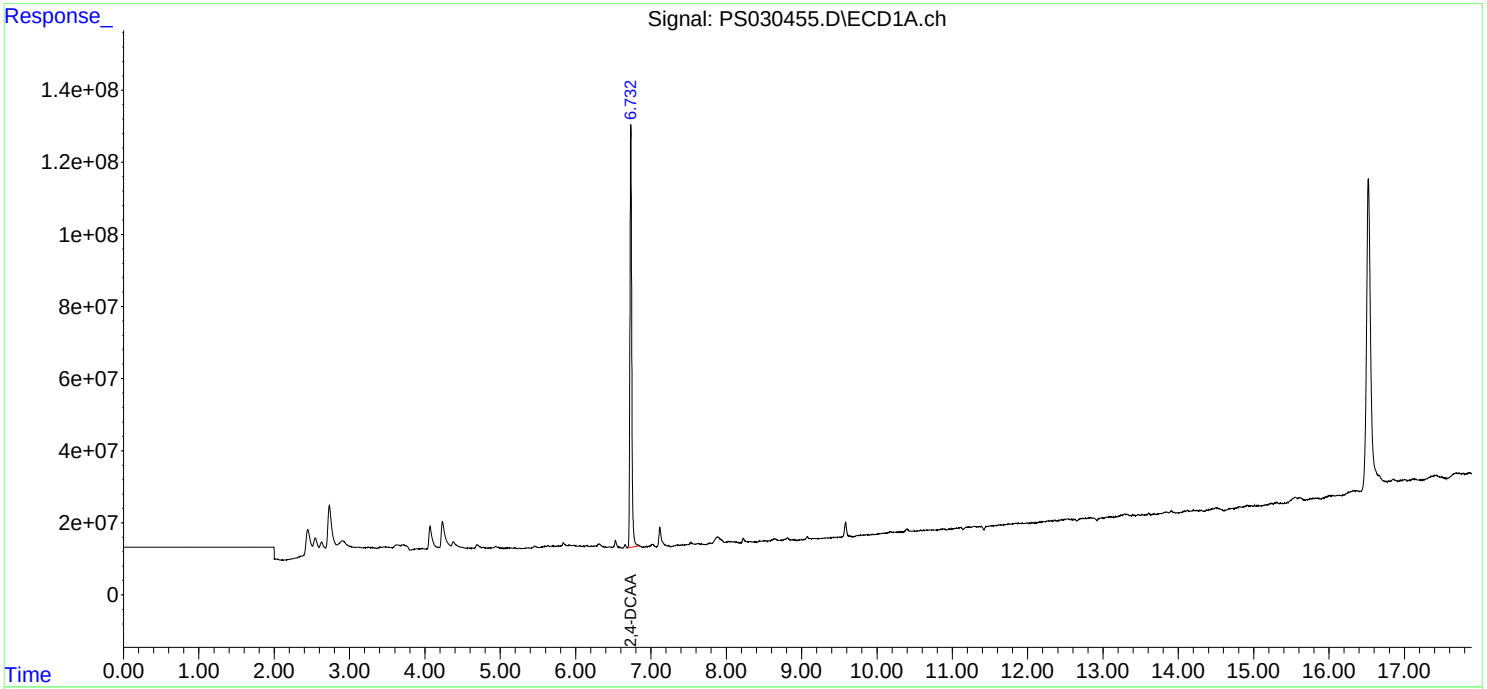
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

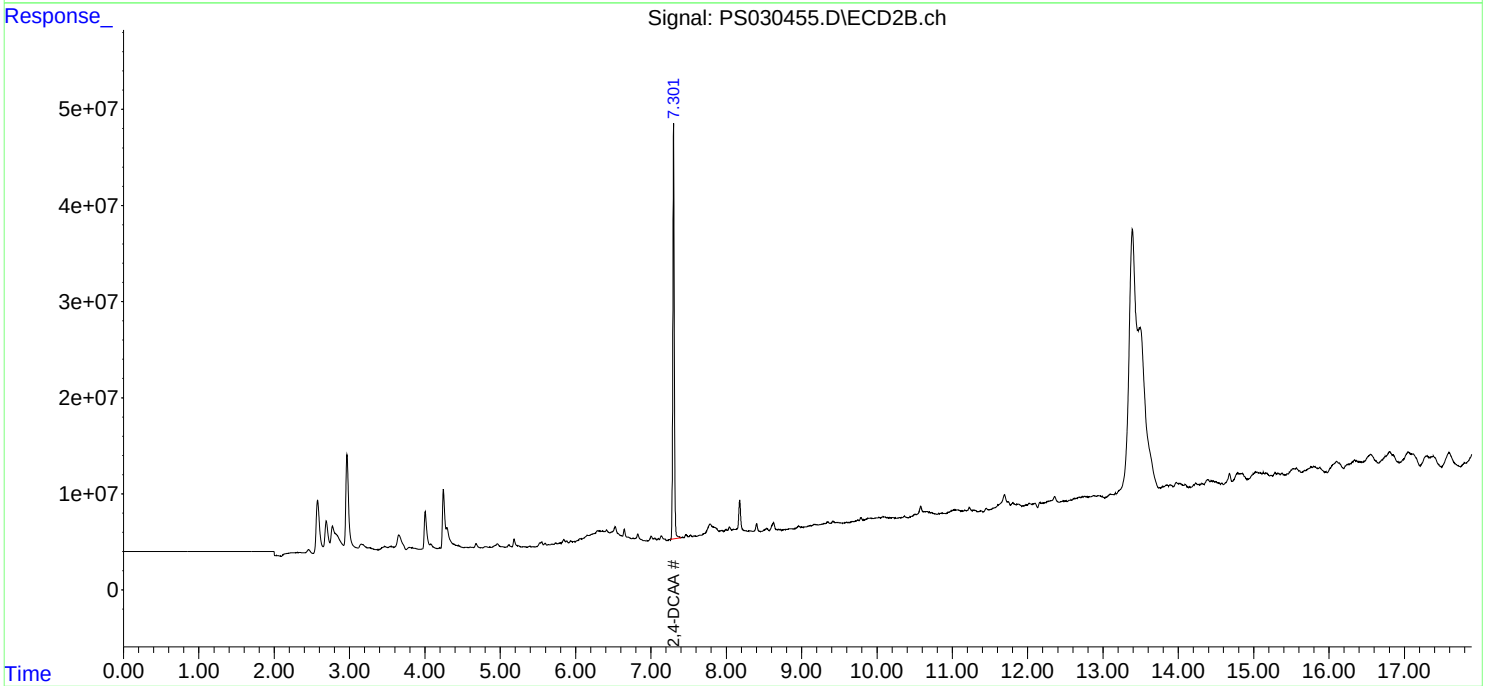
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 17:46
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

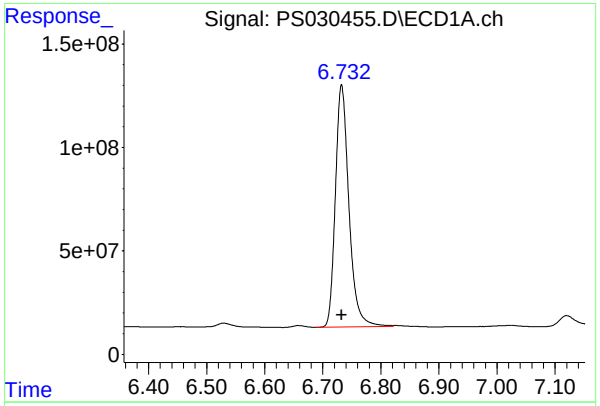
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 23:16:50 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



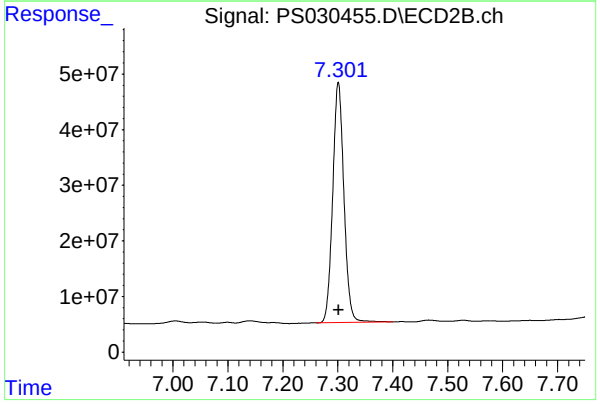




#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1893493517
Conc: 467.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 613982188
Conc: 482.51 ng/ml

Raw Data: **PS030466.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 22:11
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 23:17:12 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	1933.1E6	616.7E6	477.029	484.689
	Target Compounds						

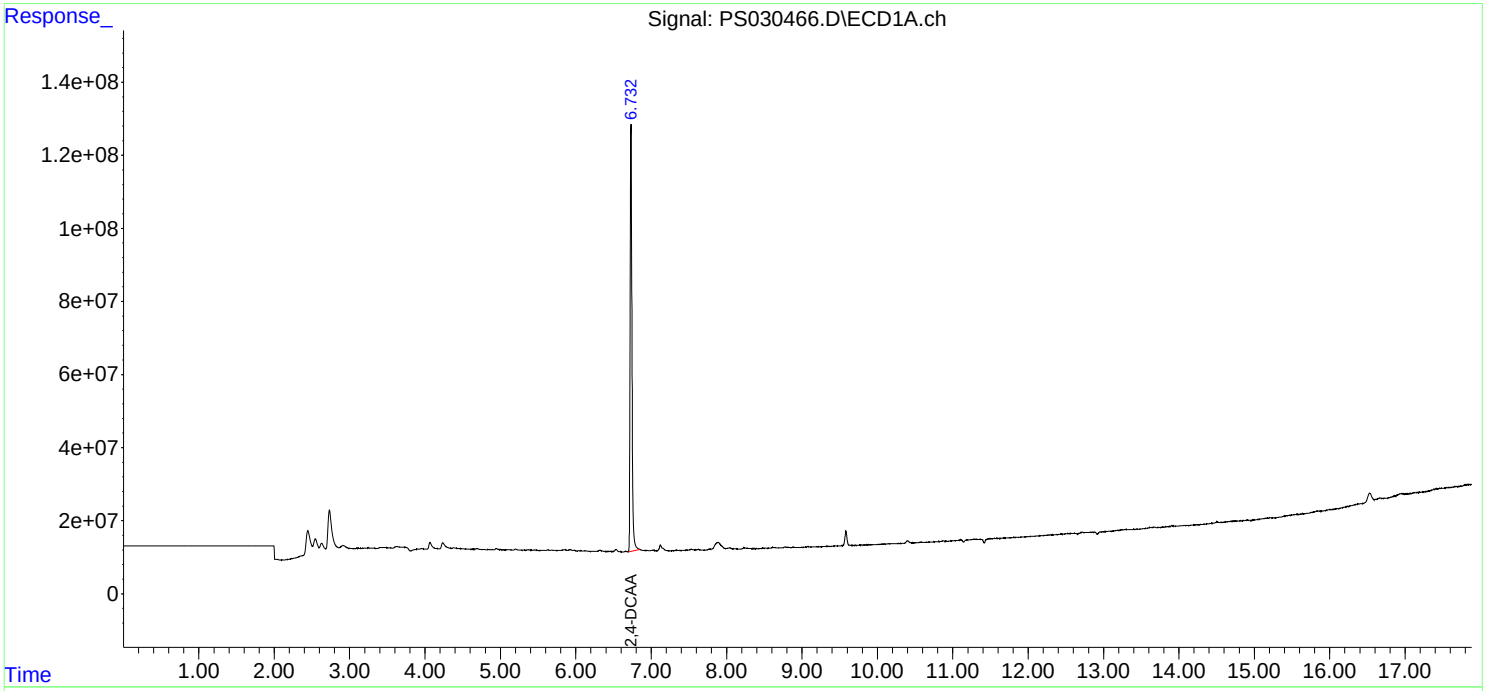
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

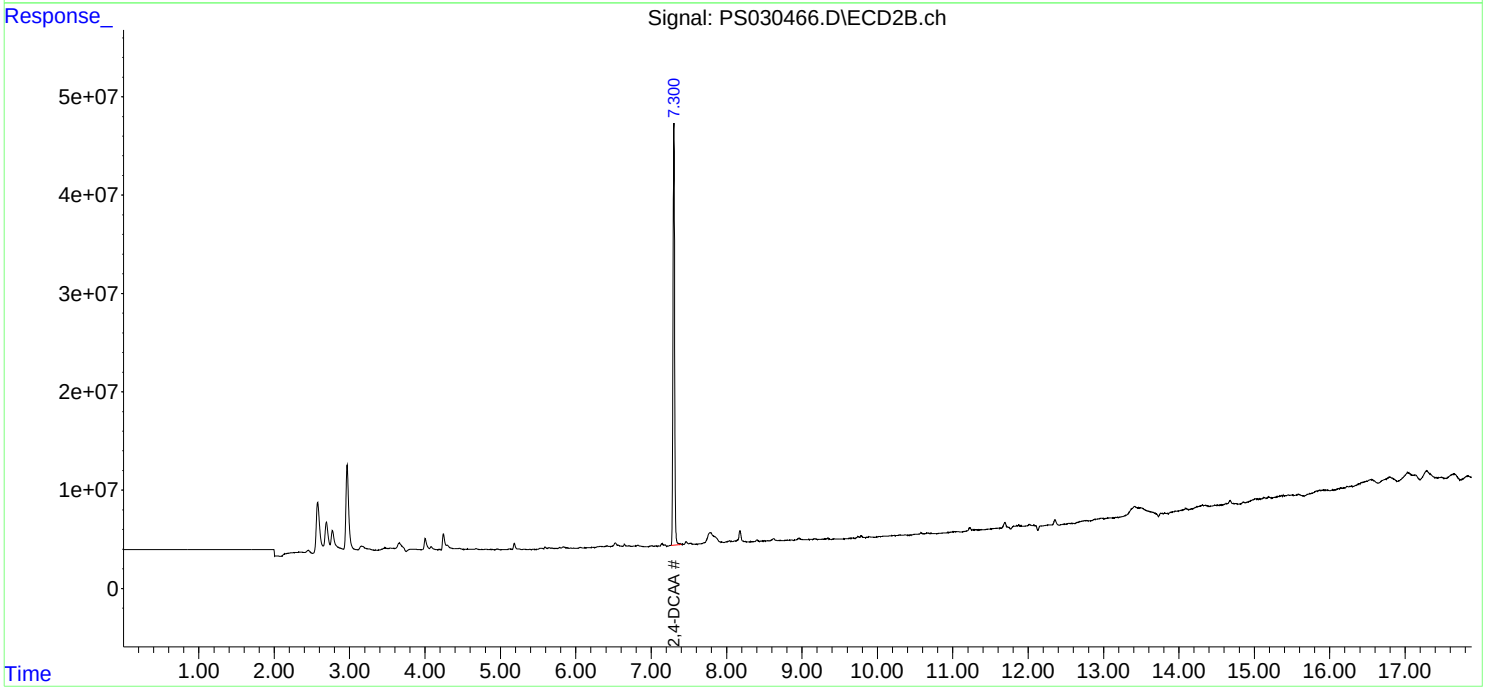
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 22:11
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

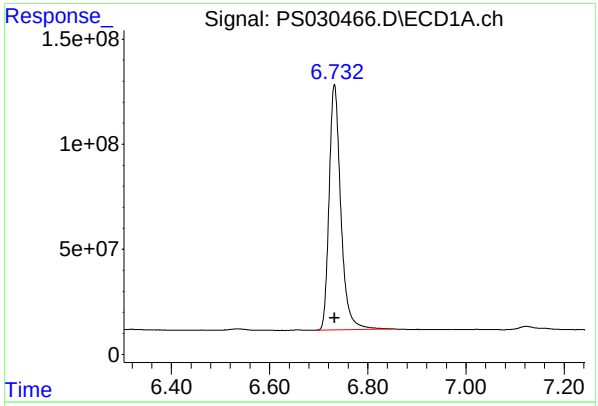
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 23:17:12 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



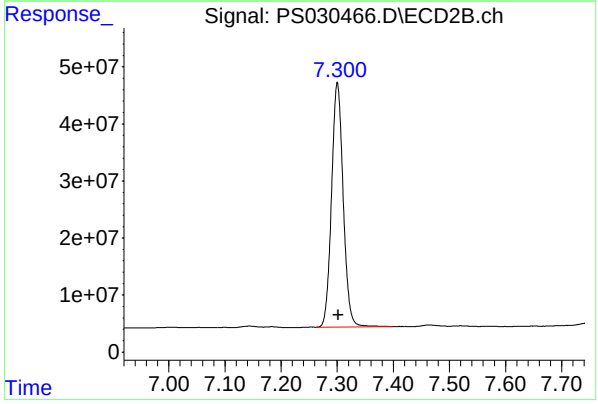




#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1933124316
Conc: 477.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 616749031
Conc: 484.69 ng/ml

Raw Data: **PS030472.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 00:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:28:07 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	1928.9E6	623.1E6	475.998	489.649
	Target Compounds						

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

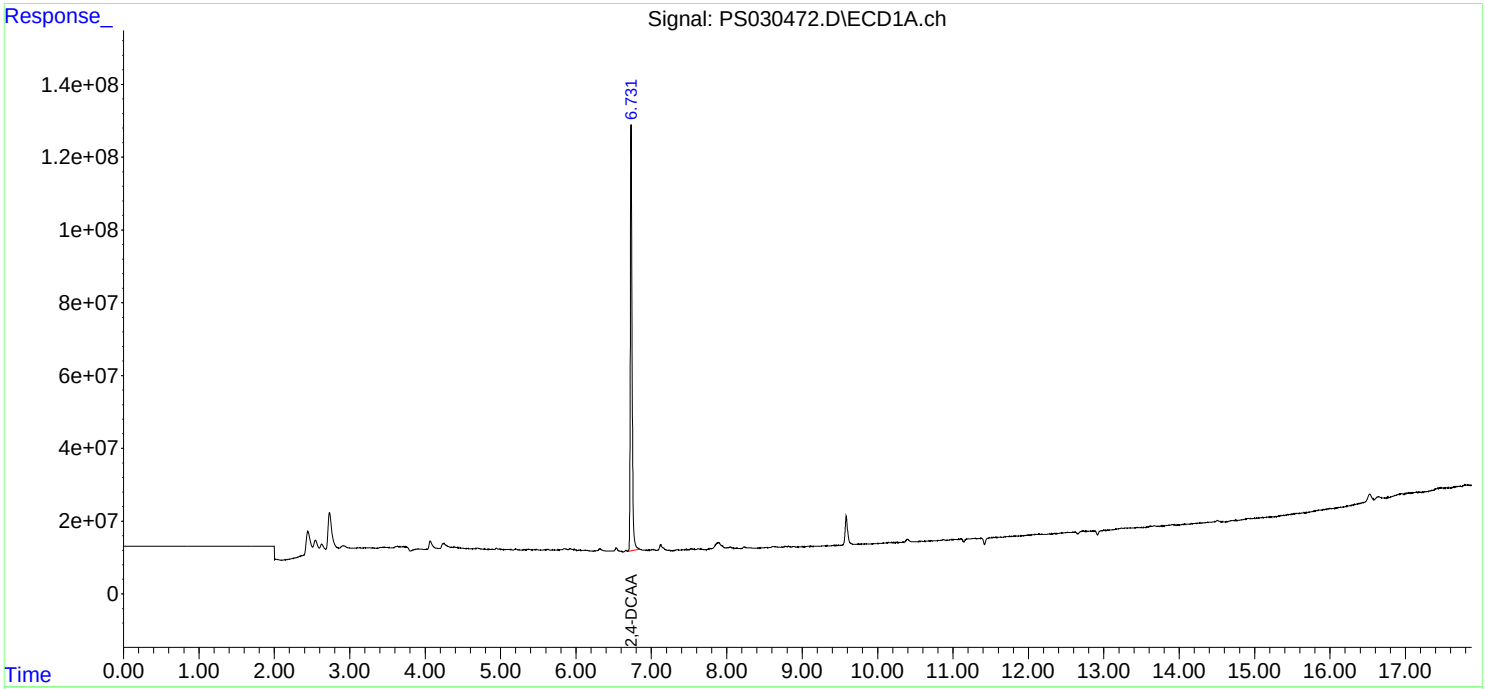
Sample Results: **PS030472.D**

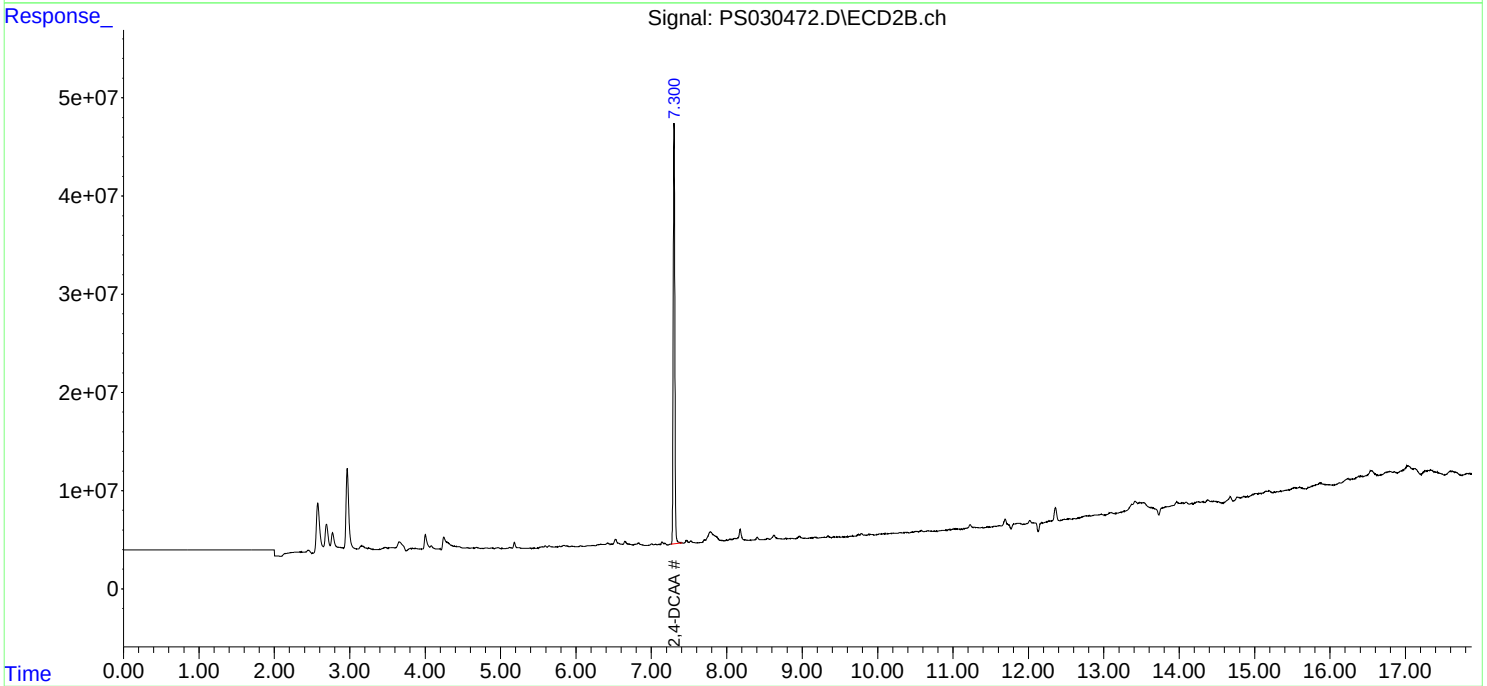
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
Data File : PS030472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 00:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

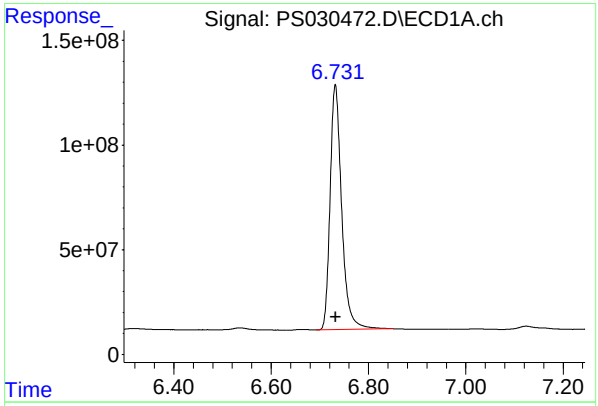
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 03:28:07 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



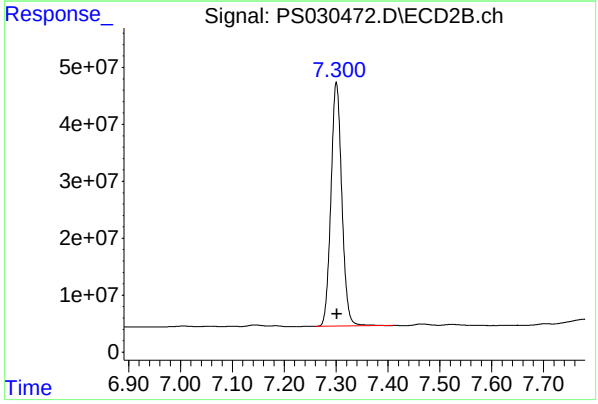




#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1928945354
Conc: 476.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: -0.001 min
Response: 623061531
Conc: 489.65 ng/ml

Raw Data: **PS030475.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Quantitation Report (QT Reviewed)

Sample Results: **PS030475.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 10:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 13:22:20 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	7.370	7.773	1564.7E6	478.3E6	414.469	444.721
	Target Compounds						

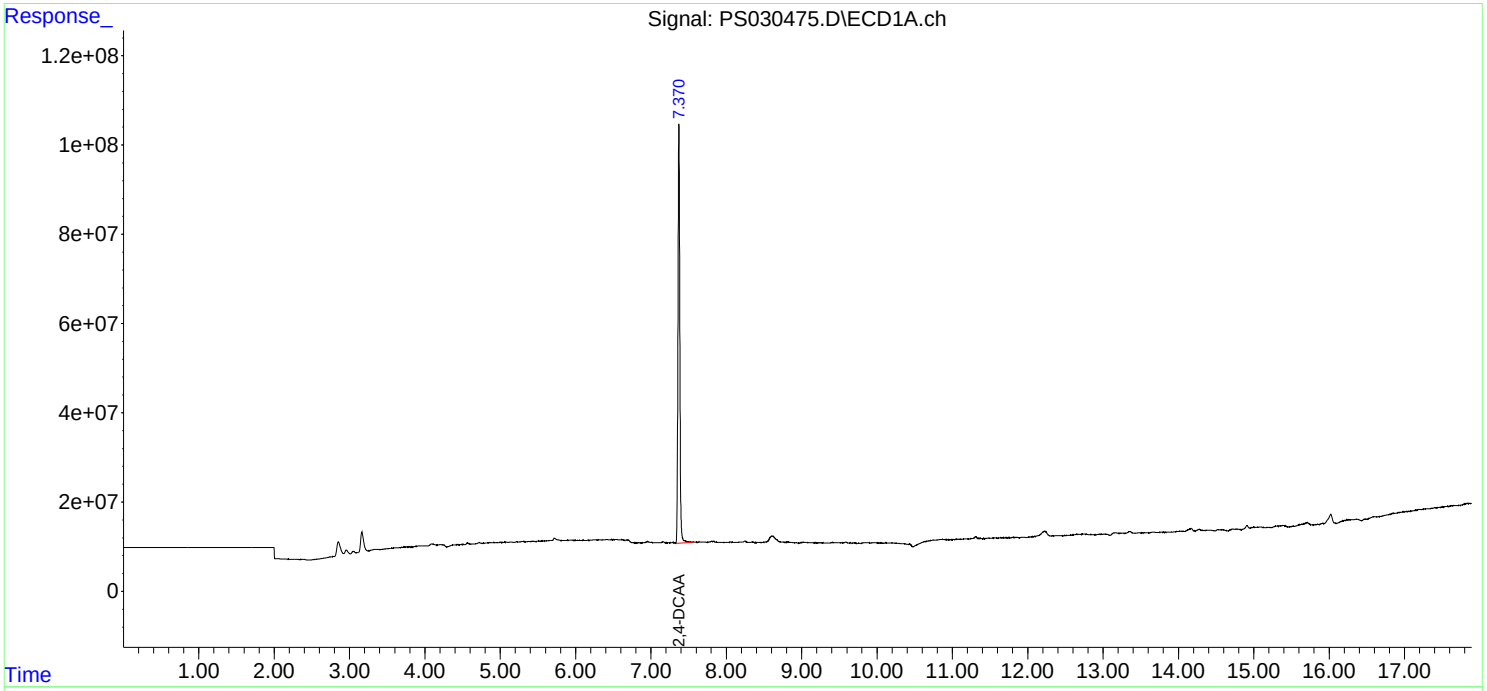
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

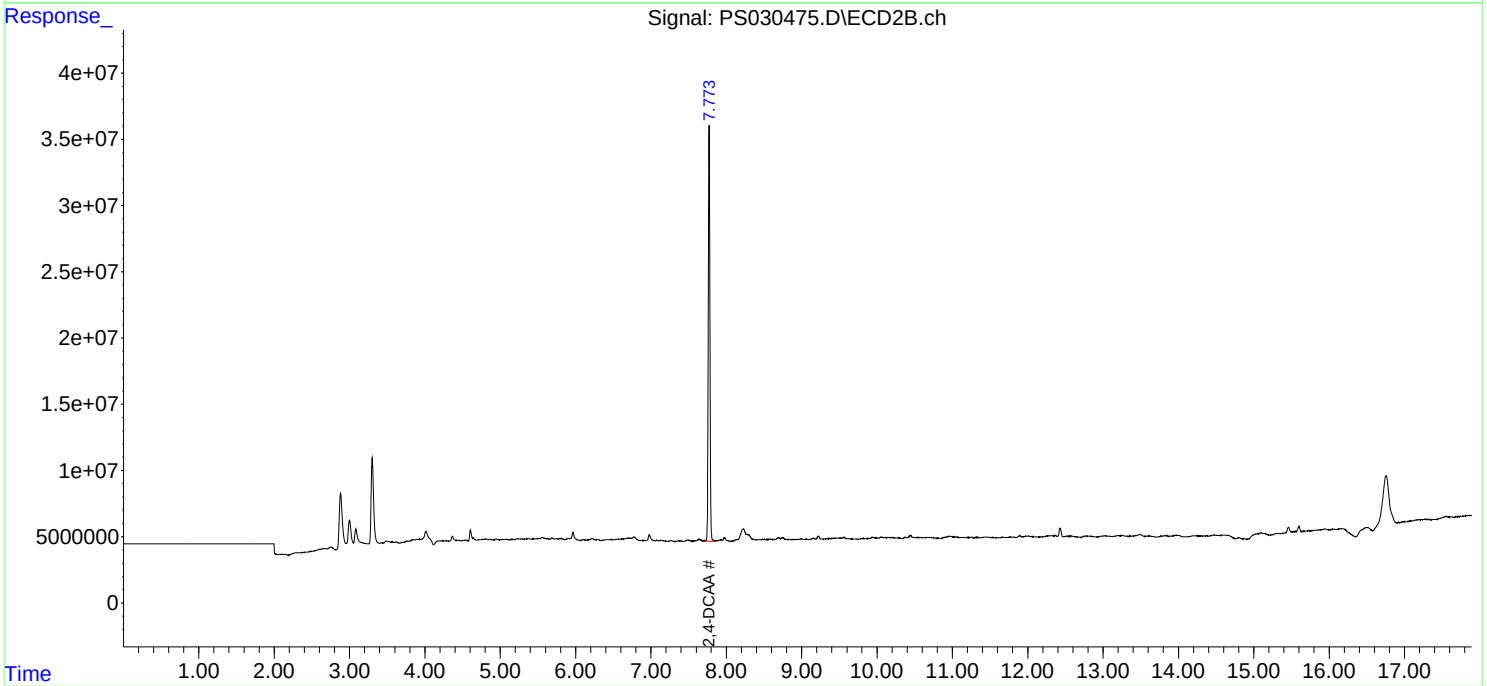
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 10:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

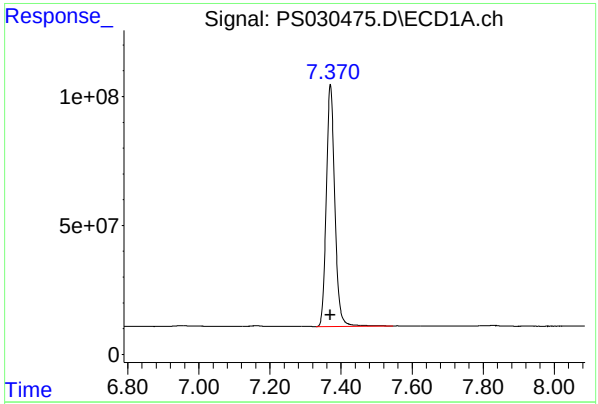
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 13:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



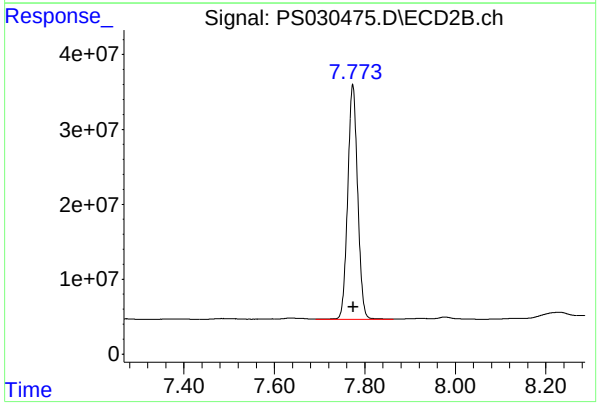




#4 2,4-DCAA

R.T.: 7.370 min
Delta R.T.: 0.001 min
Response: 1564680230
Conc: 414.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 478346753
Conc: 444.72 ng/ml

Raw Data: **PS030482.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Quantitation Report (QT Reviewed)

Sample Results: **PS030482.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 13:59
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:19:04 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	7.368	7.773	1677.2E6	483.5E6	444.285	449.466
	Target Compounds						

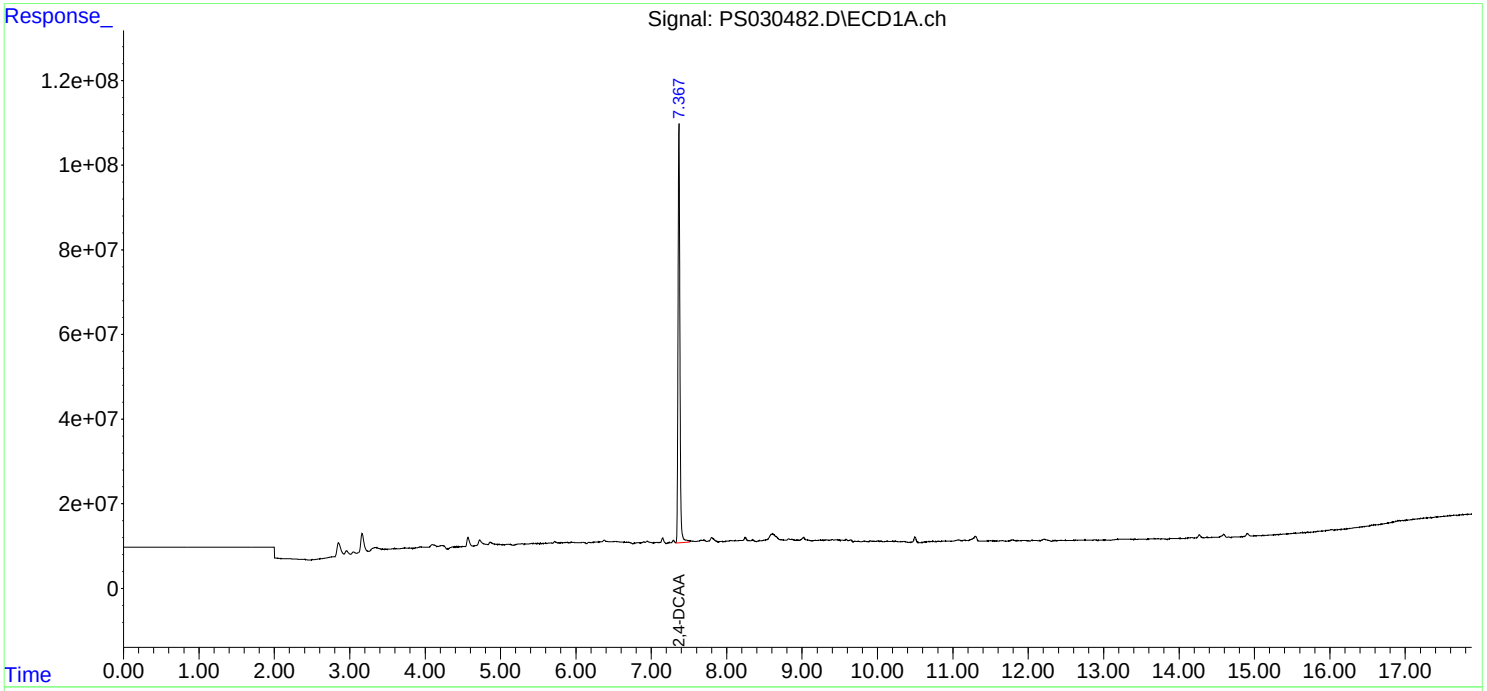
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

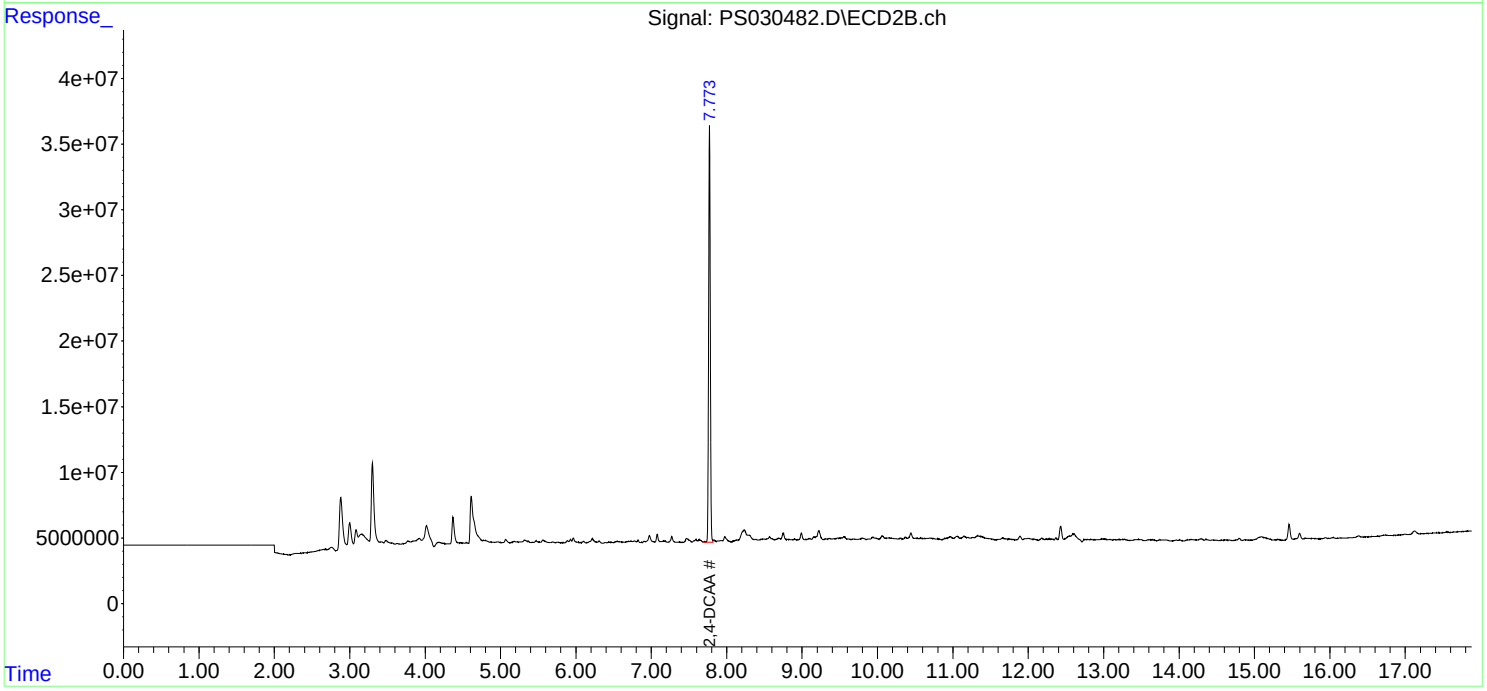
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 13:59
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

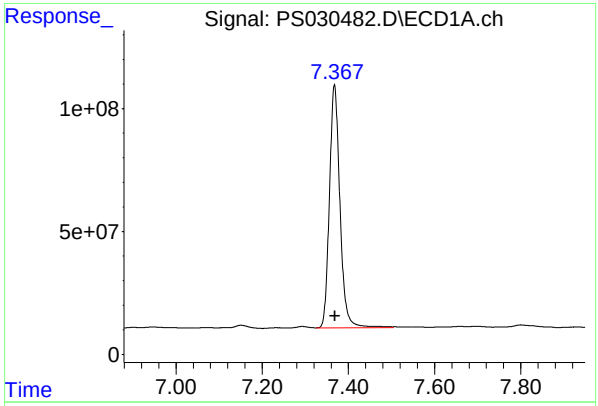
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:19:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



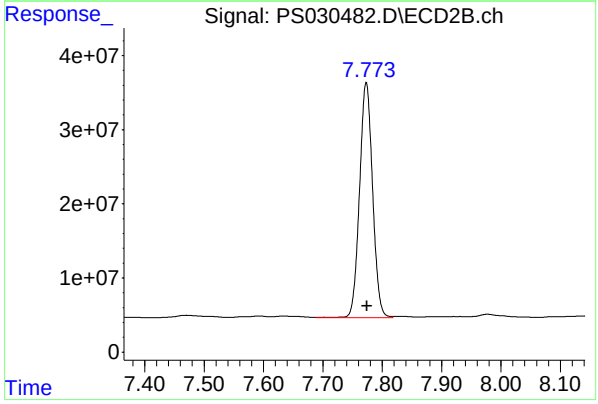




#4 2,4-DCAA

R.T.: 7.368 min
Delta R.T.: -0.001 min
Response: 1677241109
Conc: 444.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 483450243
Conc: 449.47 ng/ml

Raw Data: **PS030488.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Quantitation Report (QT Reviewed)

Sample Results: **PS030488.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 16:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 17:03:25 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	7.366	7.771	1646.3E6	485.2E6	436.078	451.086
	Target Compounds						

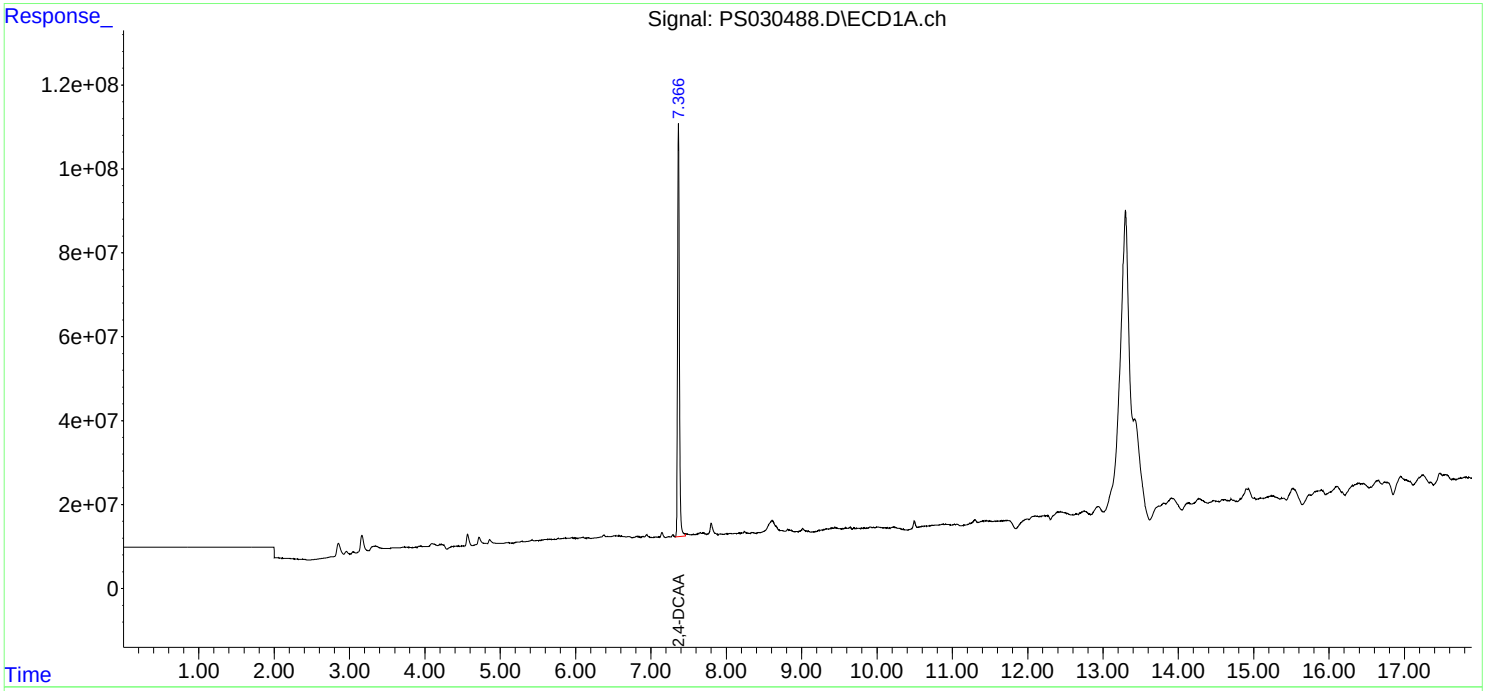
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

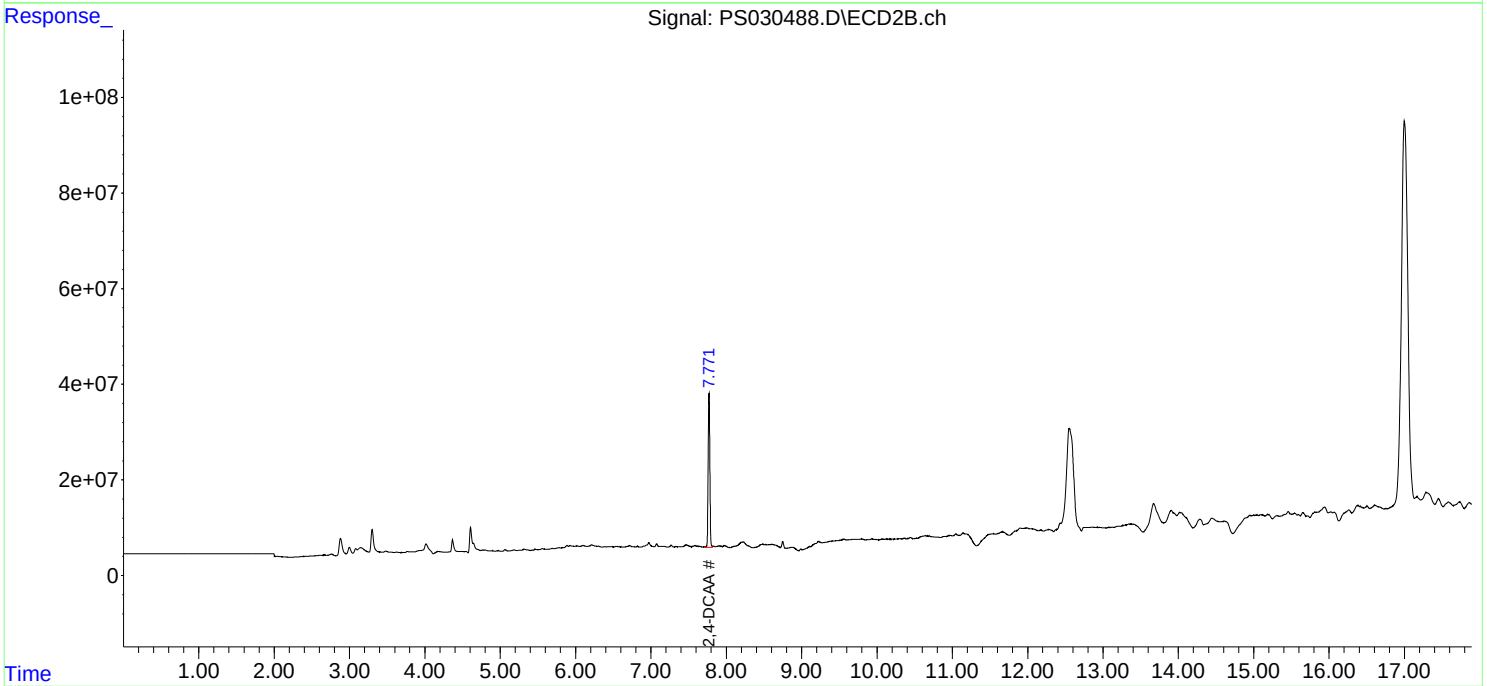
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 16:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

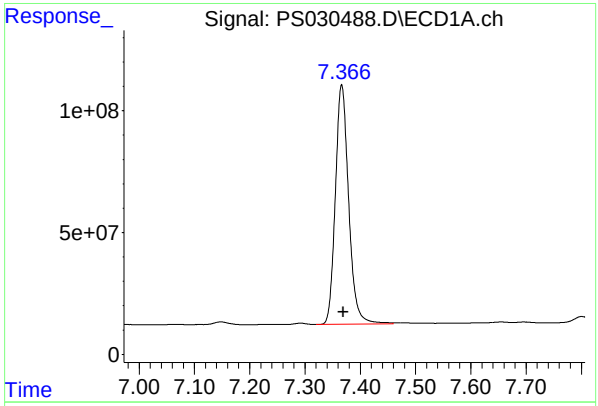
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 17:03:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



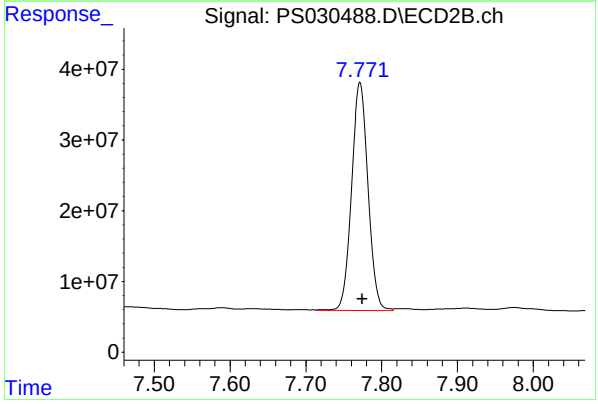




#4 2,4-DCAA

R.T.: 7.366 min
Delta R.T.: -0.003 min
Response: 1646257451
Conc: 436.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 485192941
Conc: 451.09 ng/ml

Raw Data: **PS030574.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 17:22
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:55:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.361	7.769	1648.7E6	488.1E6	436.726	453.771
	Target Compounds						

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

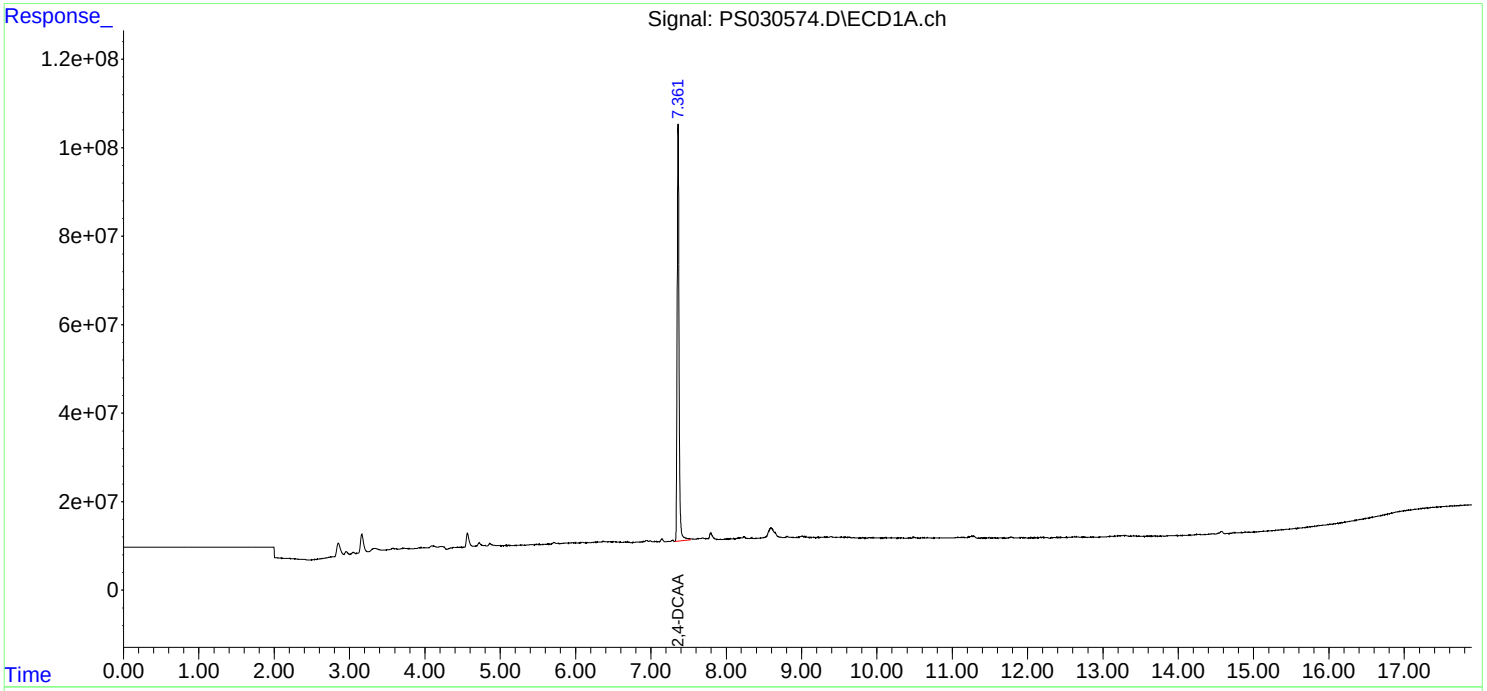
Sample Results: **PS030574.D**

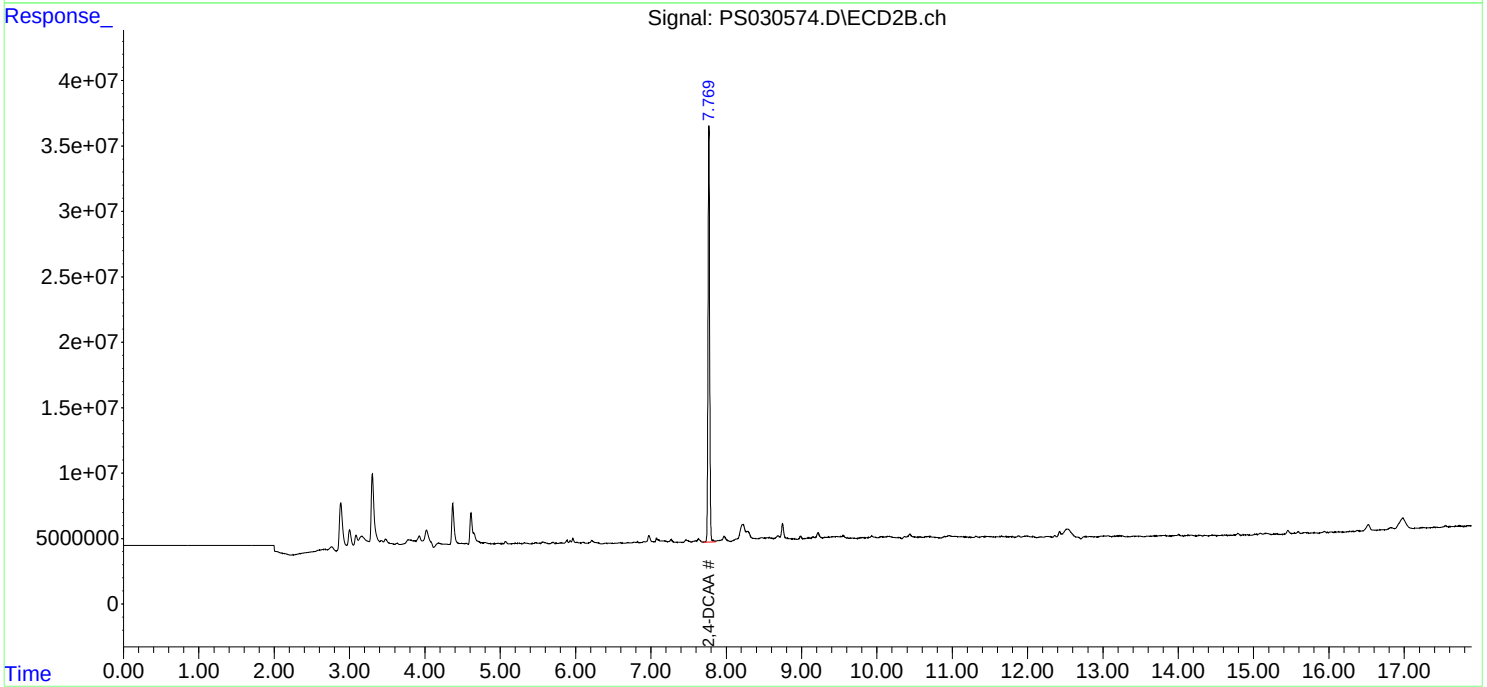
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 17:22
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

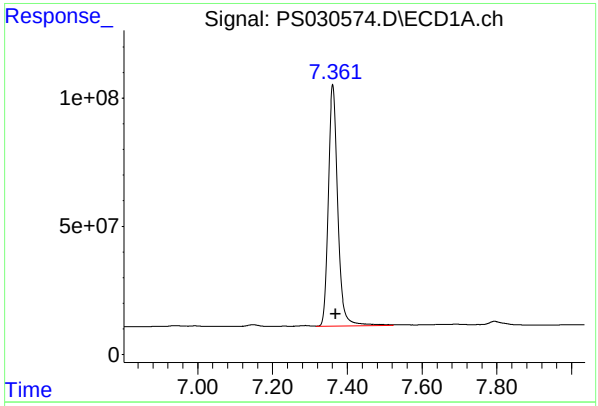
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:55:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



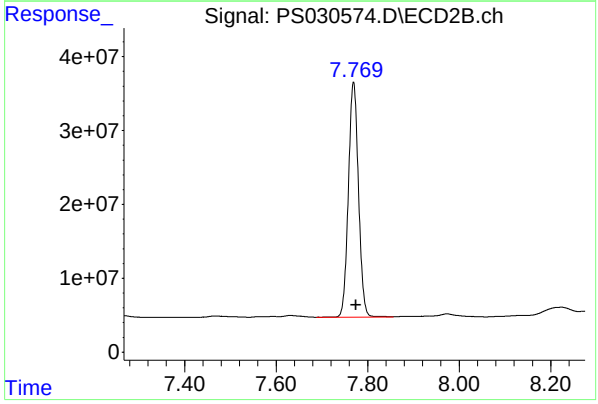




#4 2,4-DCAA

R.T.: 7.361 min
Delta R.T.: -0.008 min
Response: 1648705343
Conc: 436.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 488080548
Conc: 453.77 ng/ml

Raw Data: **PS030579.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 19:29
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:56:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.361	7.770	1697.8E6	500.7E6	449.737	465.539
	Target Compounds						

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

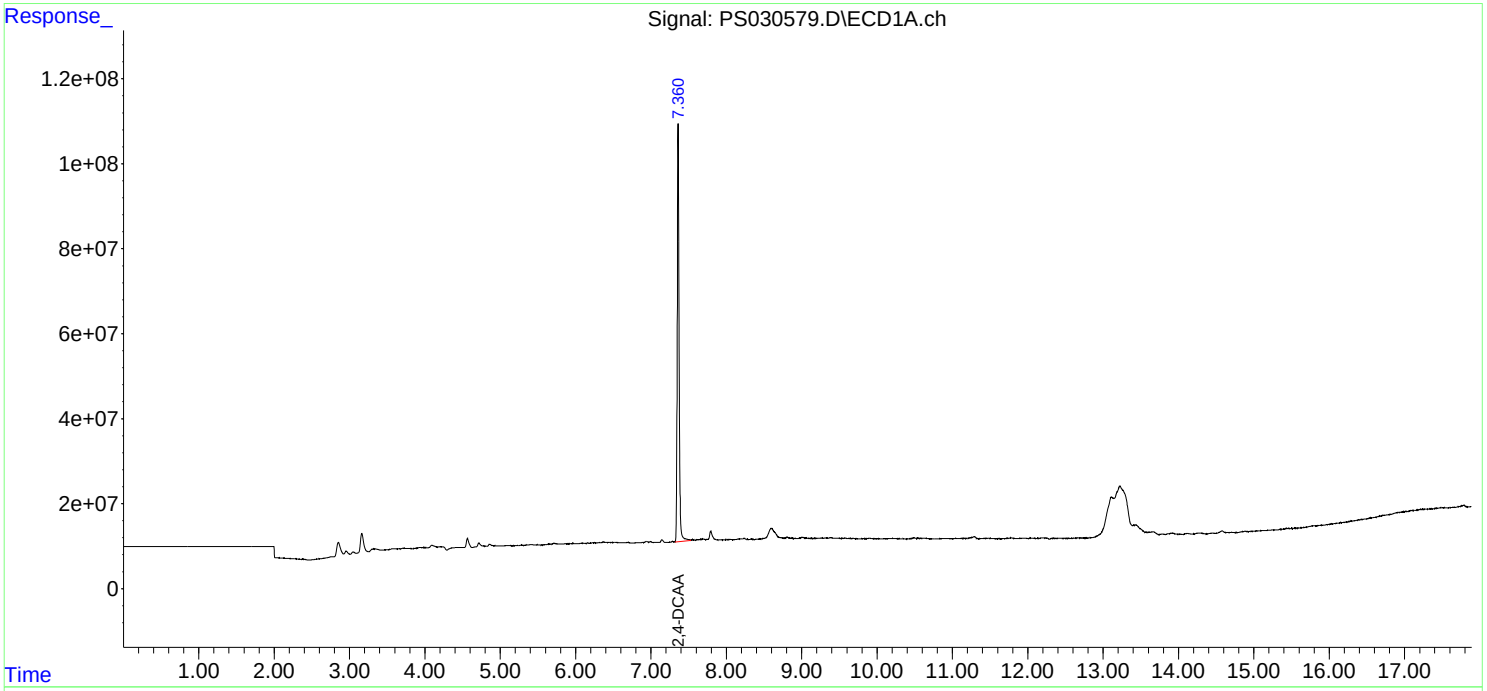
Sample Results: **PS030579.D**

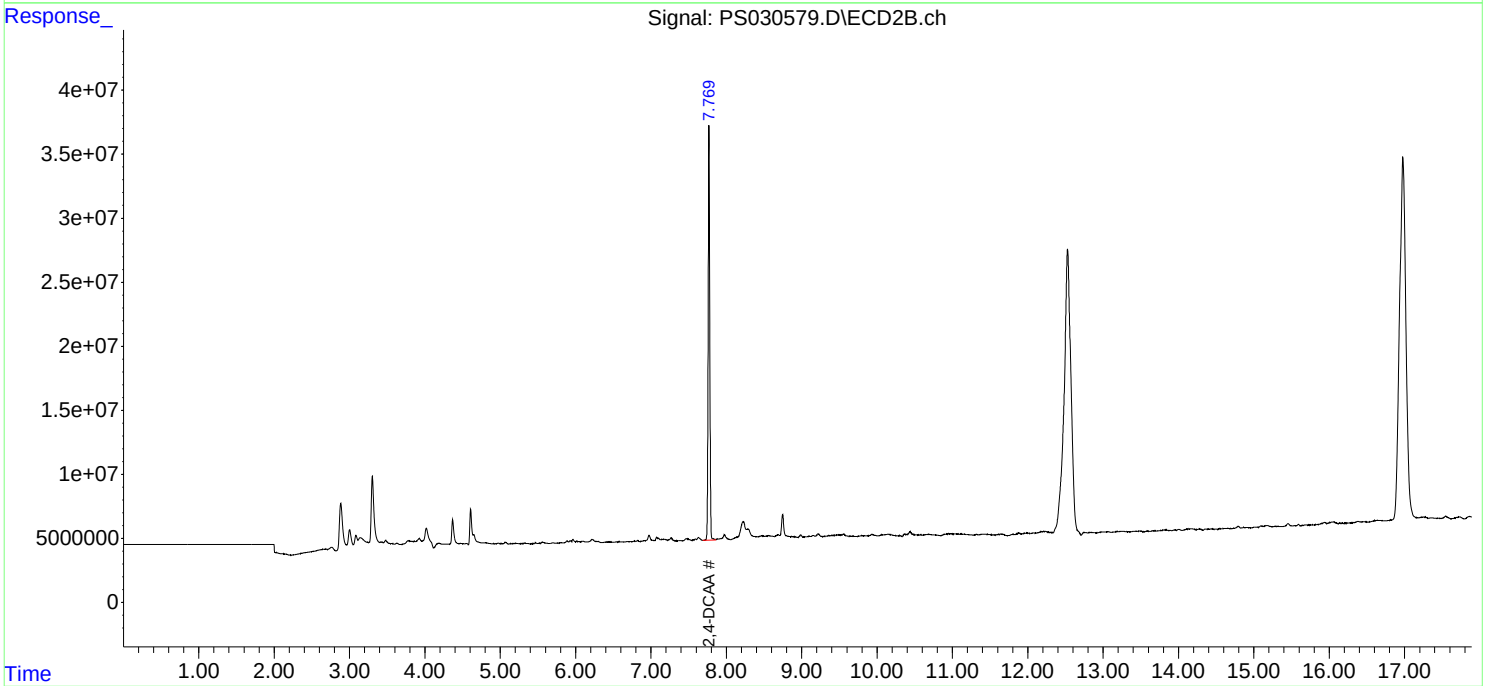
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 19:29
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

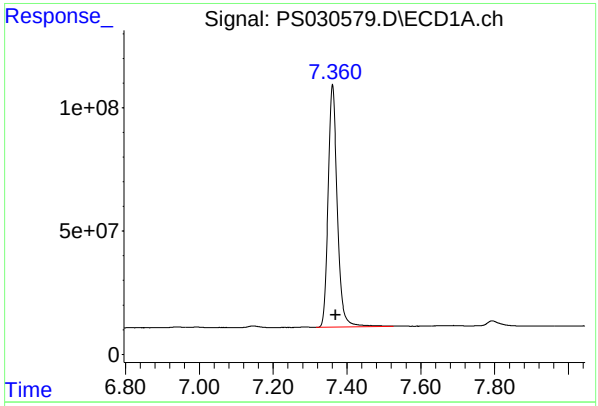
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:56:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



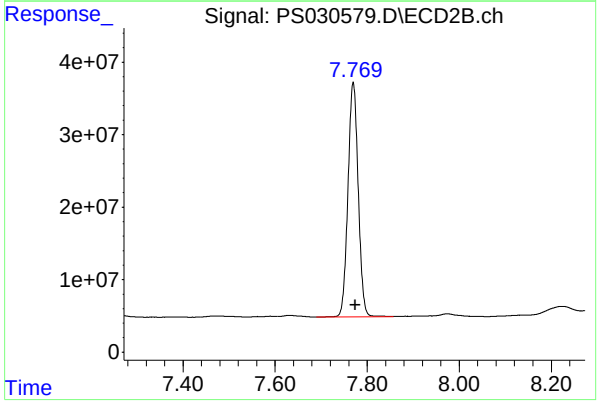




#4 2,4-DCAA

R.T.: 7.361 min
Delta R.T.: -0.008 min
Response: 1697822792
Conc: 449.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 500738232
Conc: 465.54 ng/ml

Raw Data: **PS030620.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 08:46
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 02:03:43 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	1694.7E6	524.0E6	448.916	487.169
	Target Compounds						

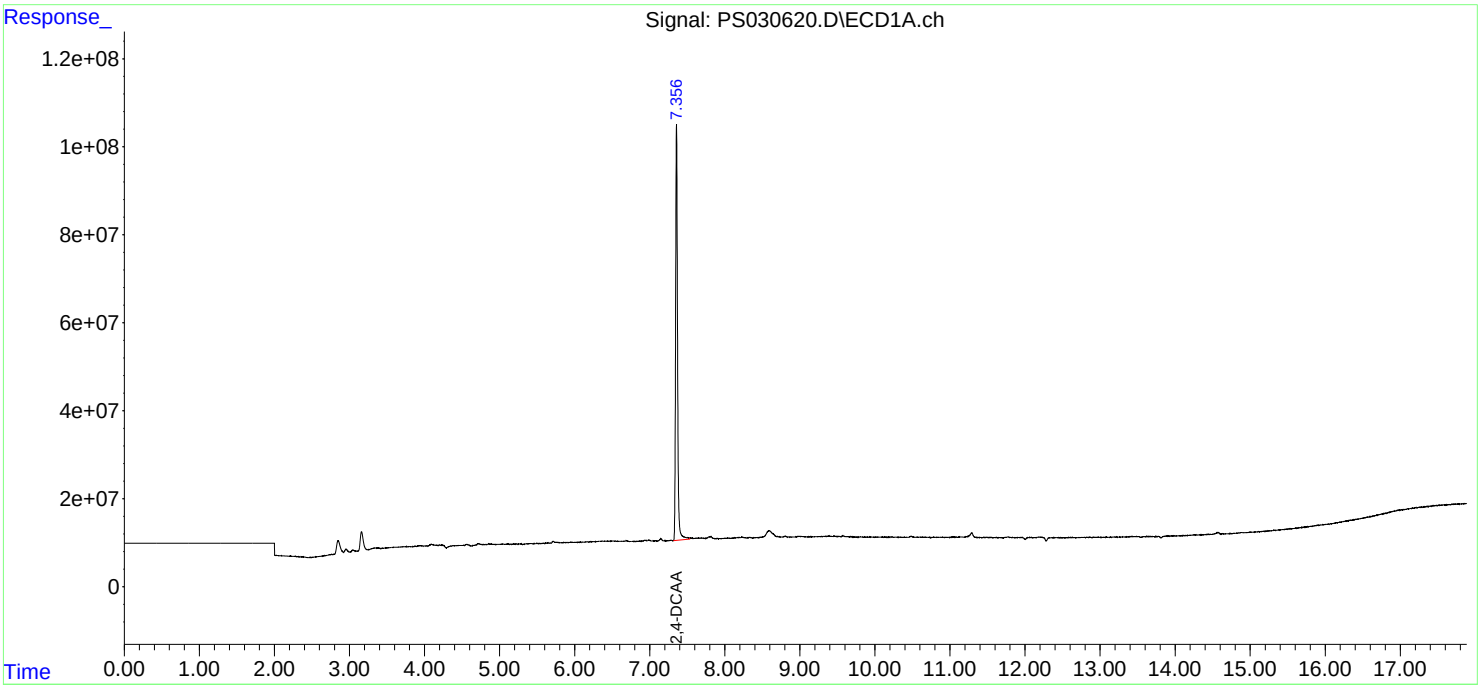
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

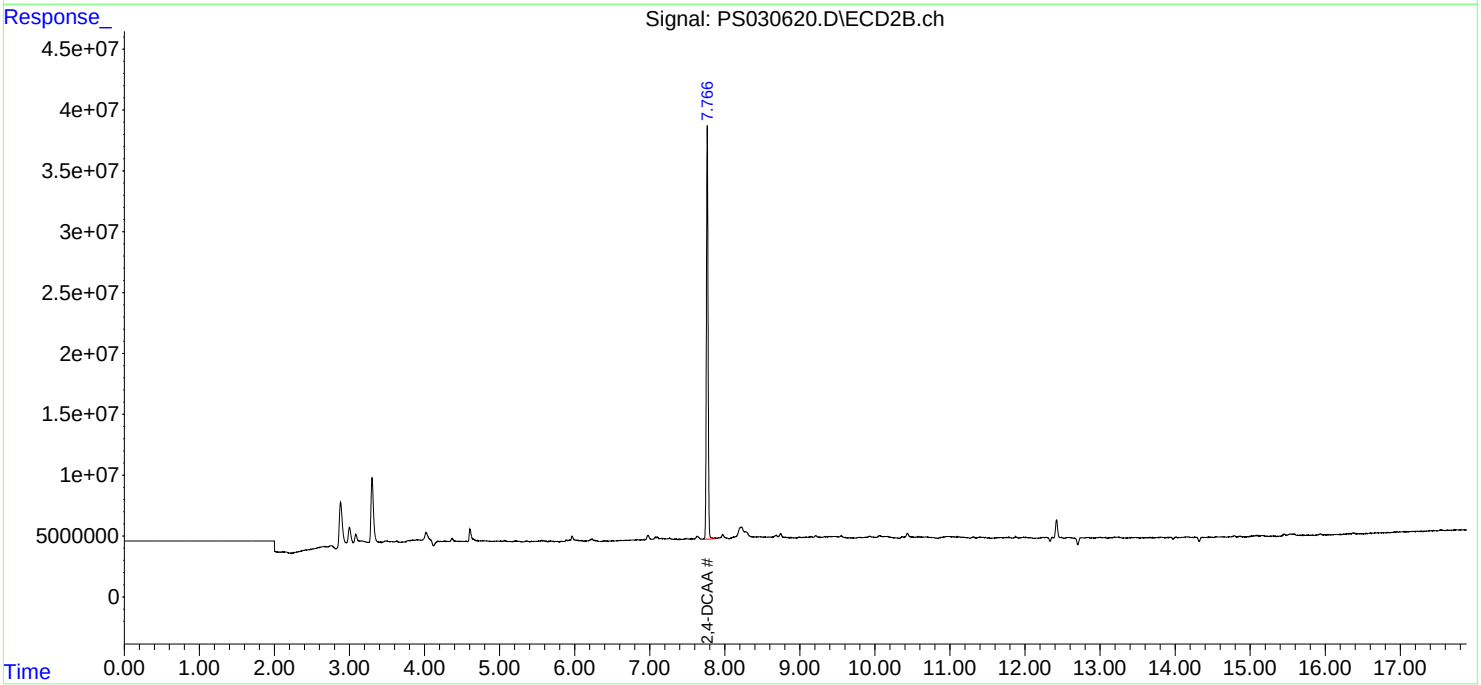
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 08:46
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

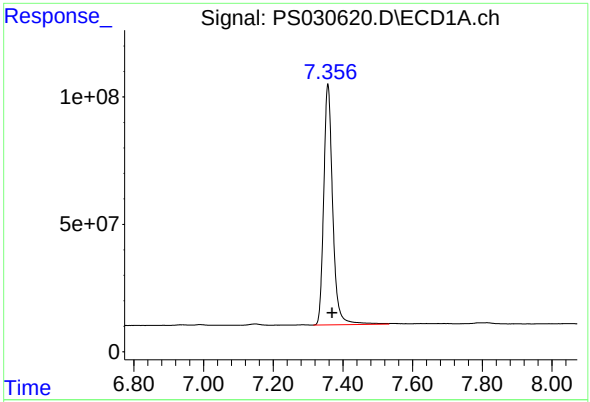
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 02:03:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



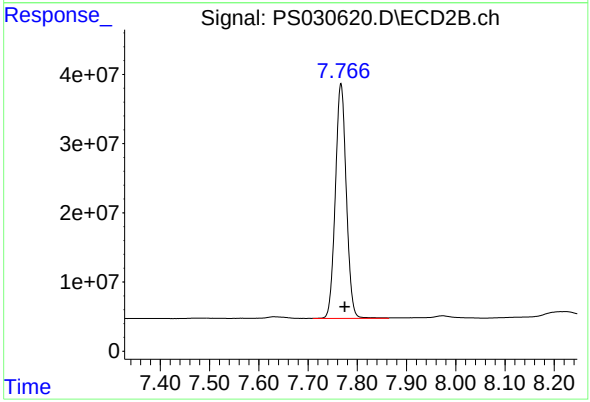




#4 2,4-DCAA

R.T.: 7.357 min
Delta R.T.: -0.012 min
Response: 1694723072
Conc: 448.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.008 min
Response: 524003946
Conc: 487.17 ng/ml

Raw Data: **PS030629.D**

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

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 14:30
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 02:05:28 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	7.356	7.767	1708.0E6	529.7E6	452.442	492.475
	Target Compounds						

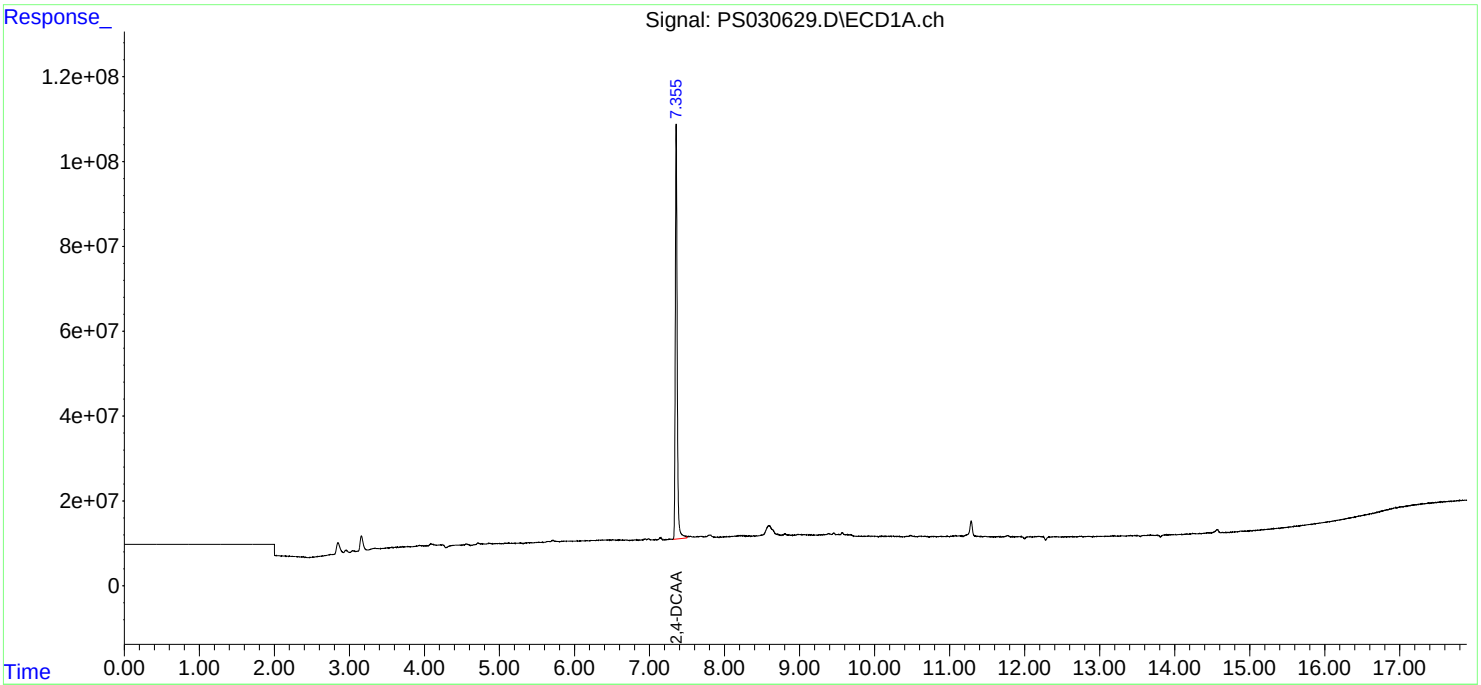
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

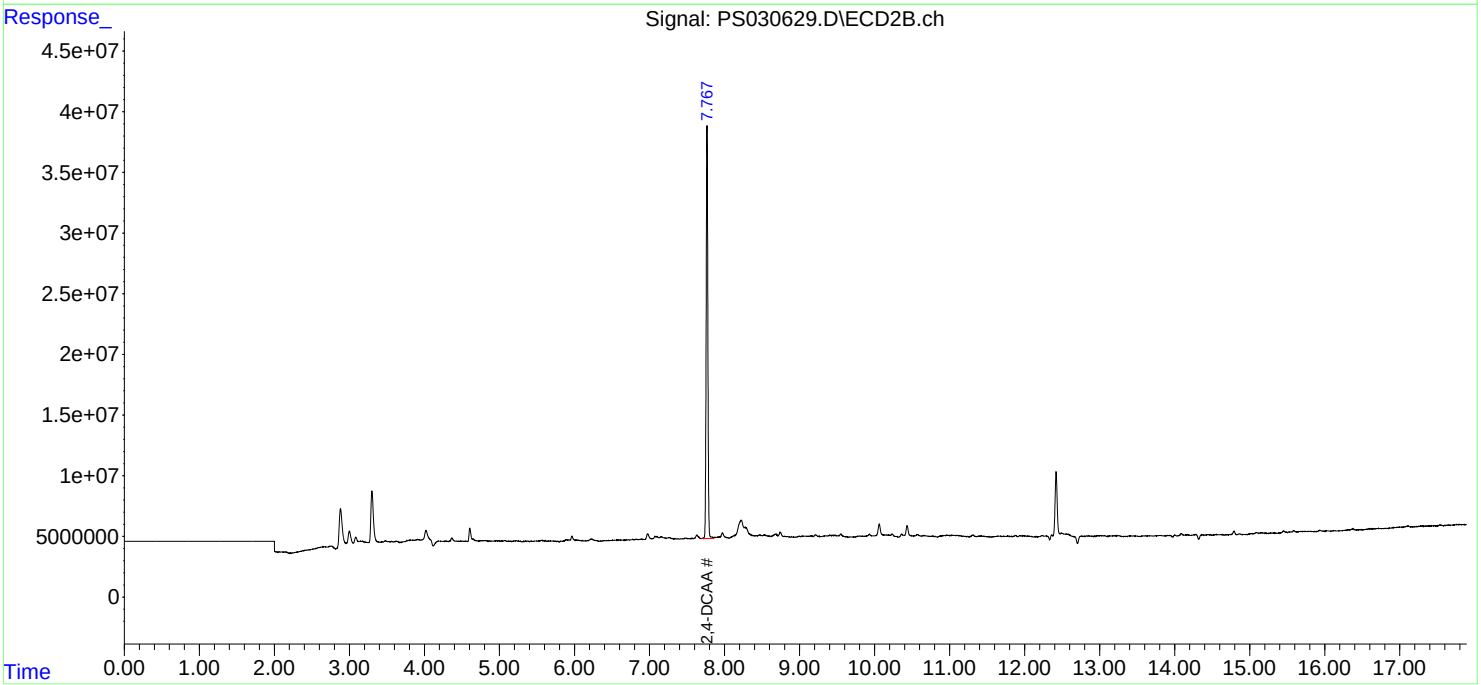
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
Data File : PS030629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 14:30
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

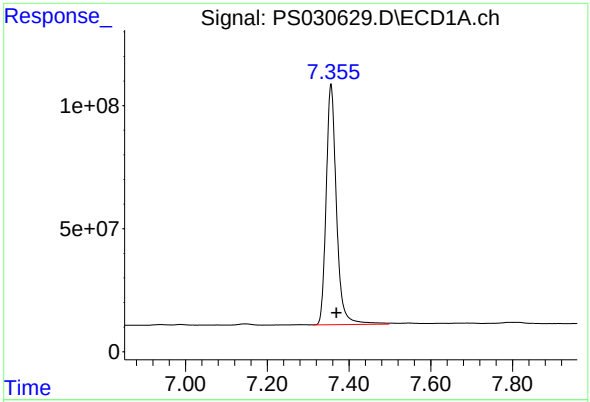
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 02:05:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



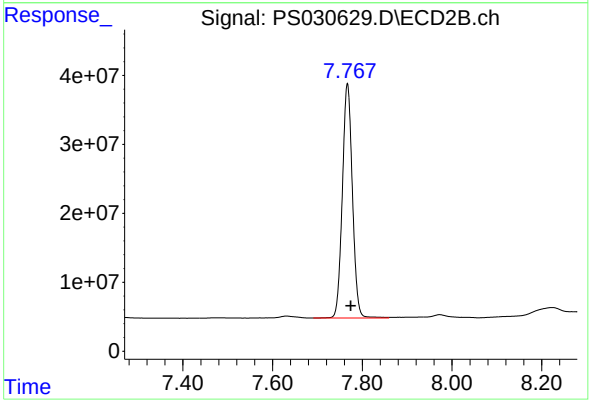




#4 2,4-DCAA

R.T.: 7.356 min
Delta R.T.: -0.013 min
Response: 1708035655
Conc: 452.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 529711346
Conc: 492.48 ng/ml

Raw Data: **PS030485.D**

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

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 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Sample Results: **PS030485.D**

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	MCPP	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

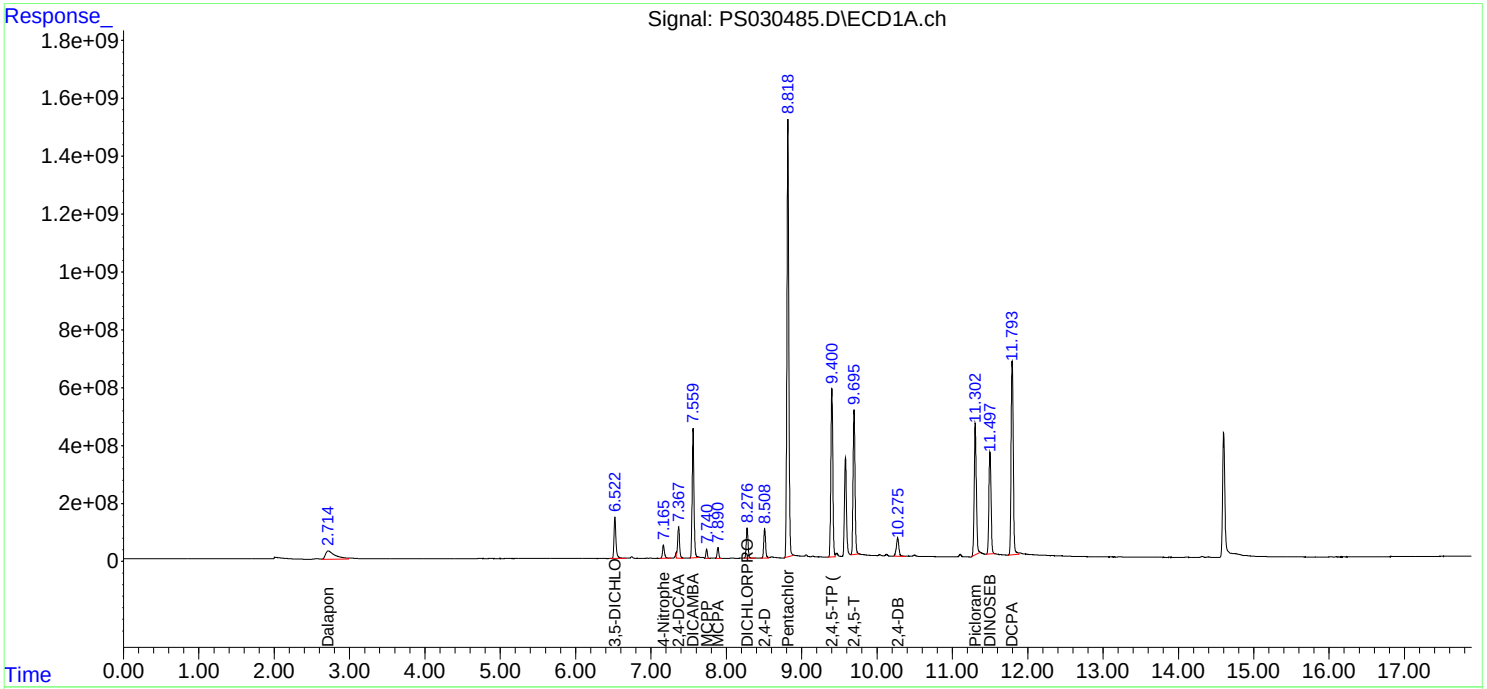
Instrument :
ECD_S
ClientSampleId :
PB168207BS

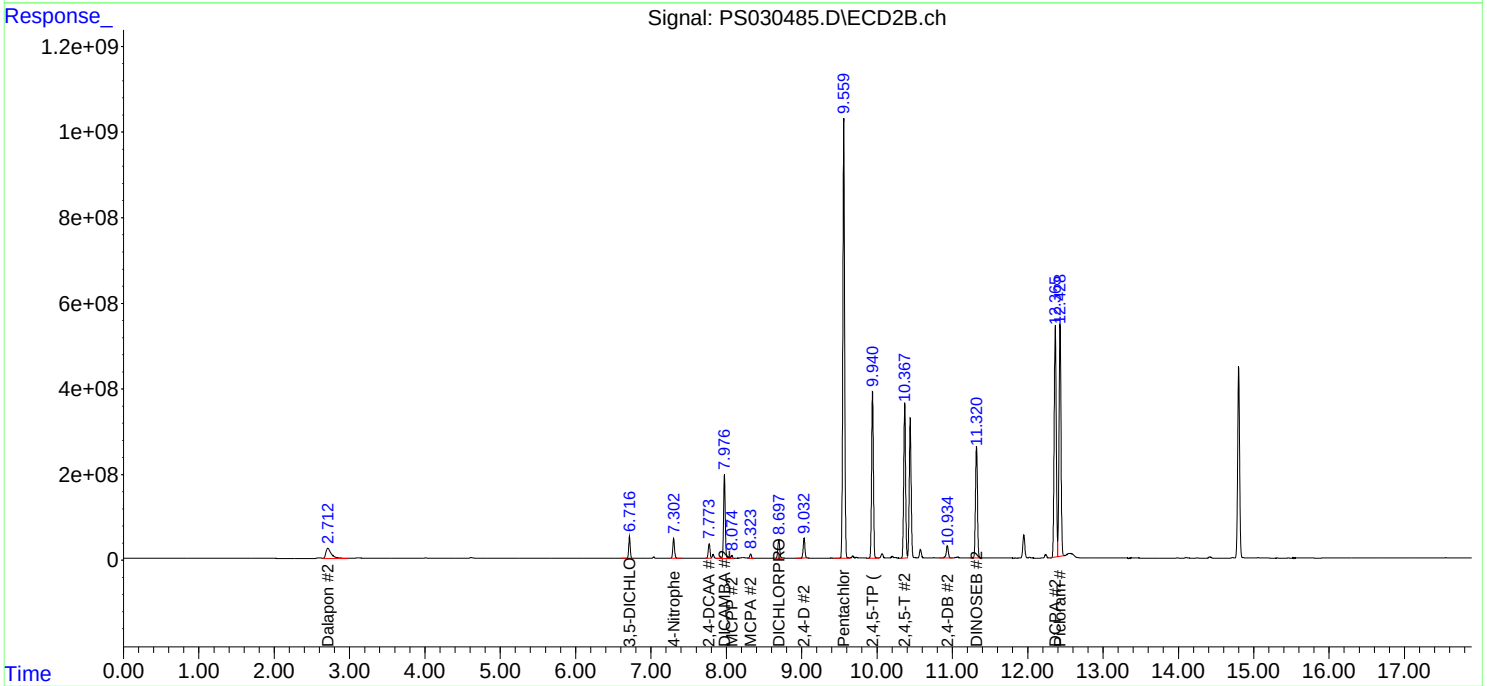
Manual Integrations APPROVED

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030577.D**

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

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 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Quantitation Report (QT Reviewed)

Sample Results: **PS030577.D**

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	MCPP	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.

Sample Results: **PS030577.D**

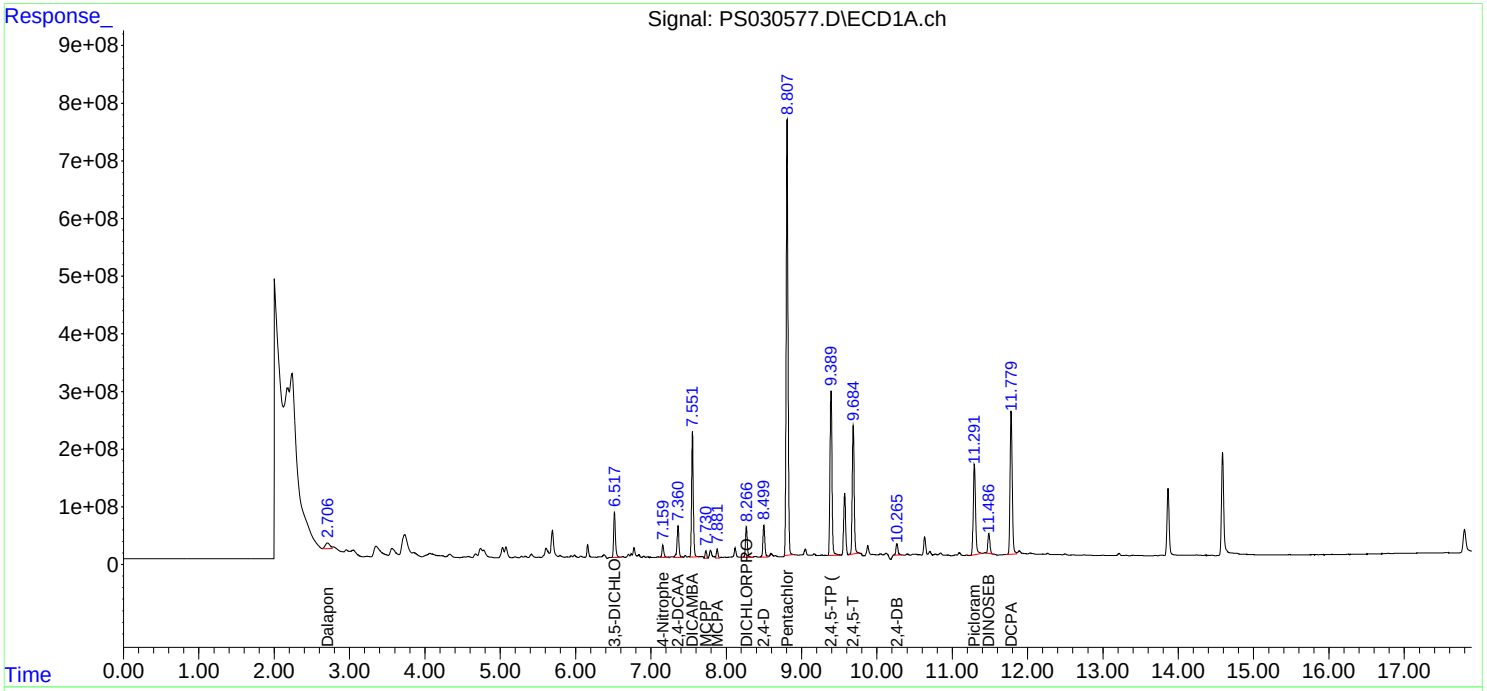
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 18:41
Operator : AR\AJ
Sample : Q2130-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

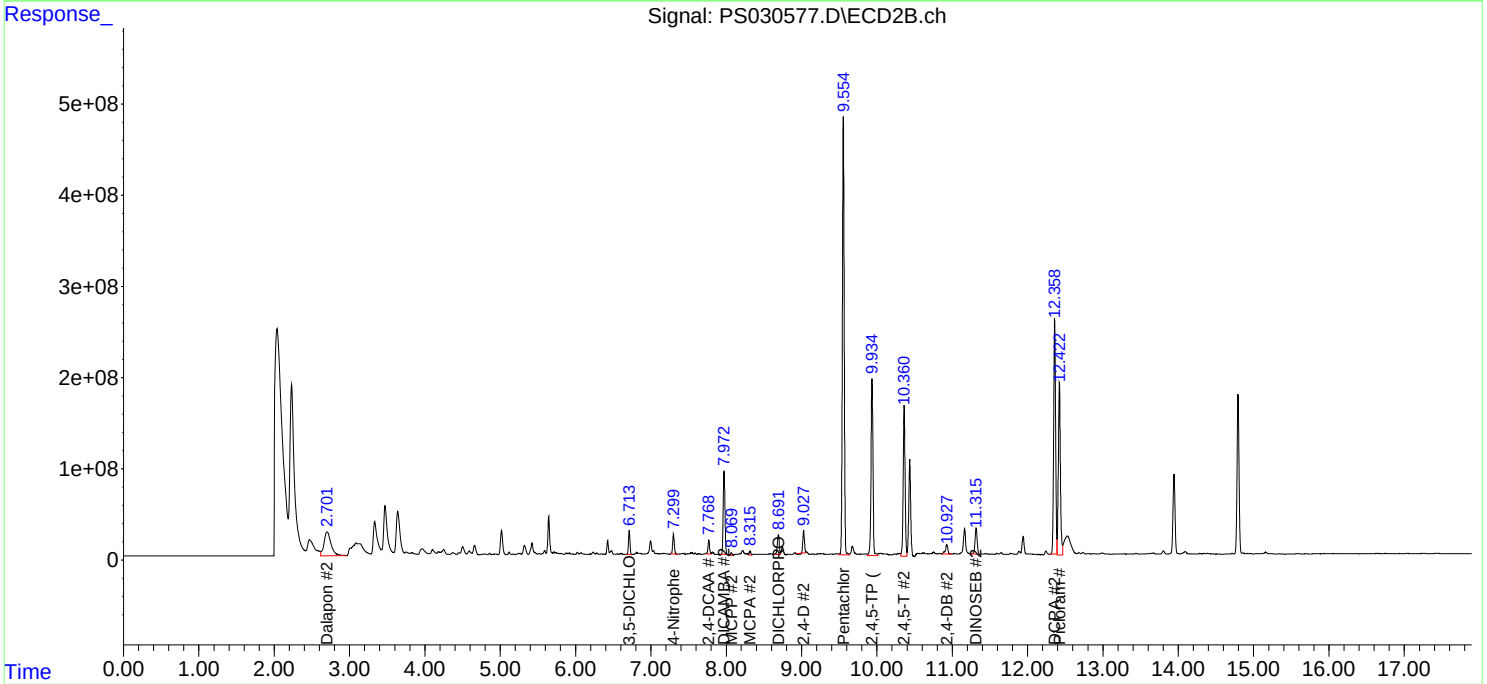
Instrument :
ECD_S
ClientSampleId :
TP-3MS

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





Raw Data: **PS030578.D**

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Fax : 908 789 8922

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 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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

Quantitation Report (QT Reviewed)

Sample Results: **PS030578.D**

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	MCPP	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

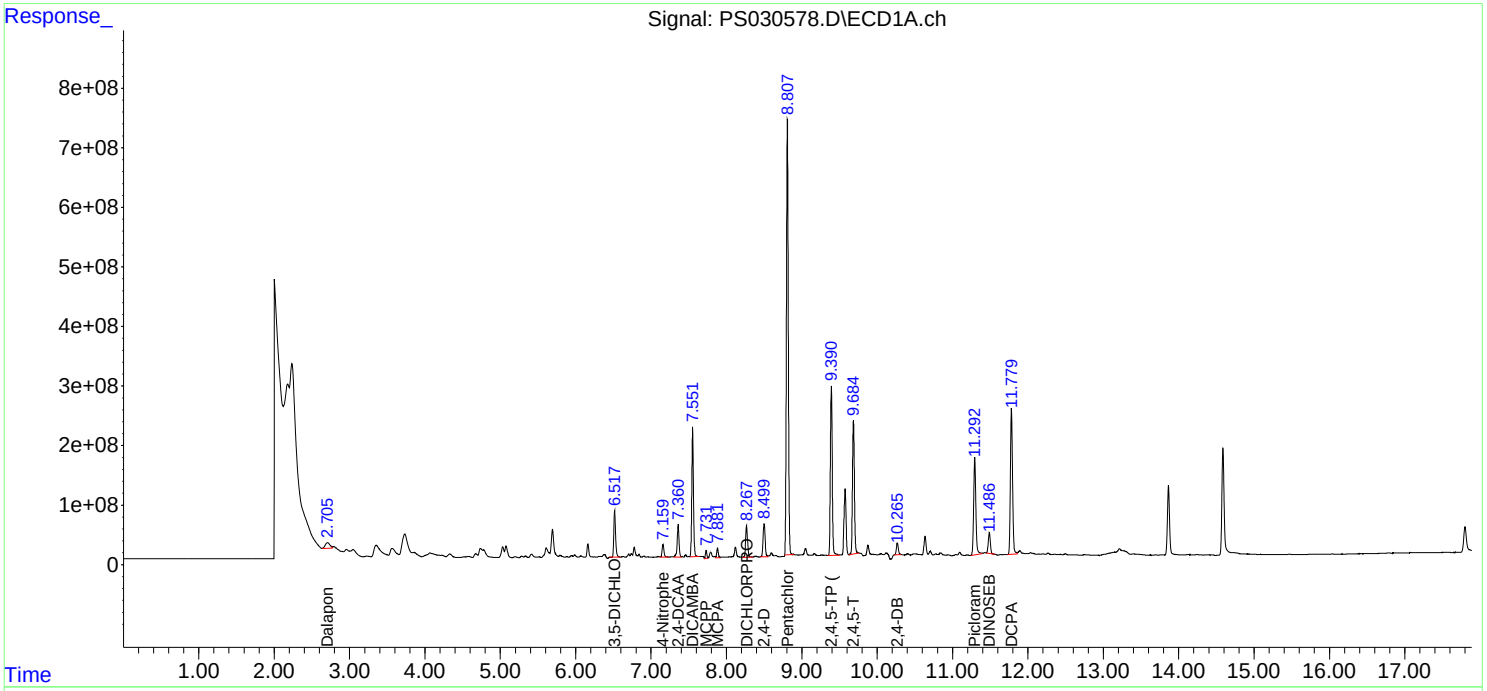
Instrument :
ECD_S
ClientSampleId :
TP-3MSD

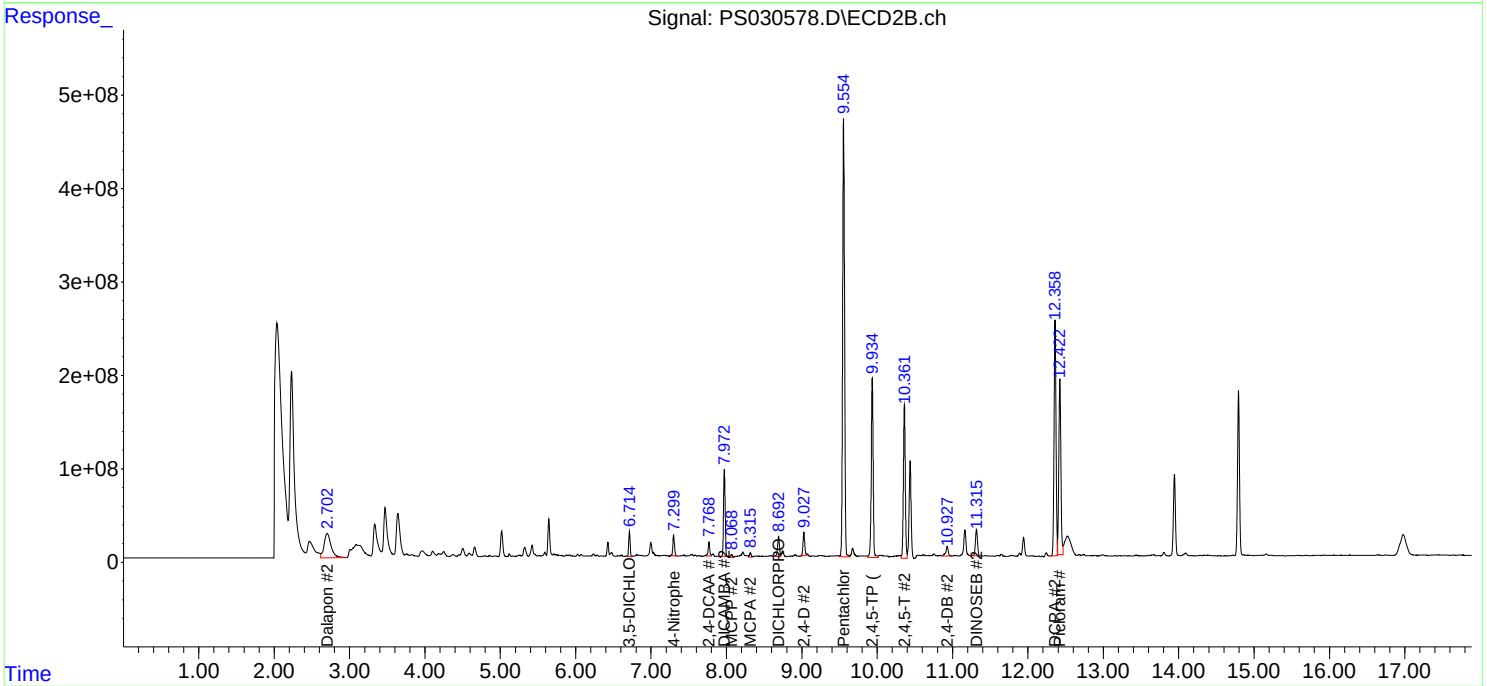
Manual Integrations APPROVED

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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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Manual Integration Report

Sequence:	Ps060225	Instrument	ECD_s

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

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Manual Integration Report

Sequence:	Ps060225	Instrument	ECD_s

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

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

Manual Integration Report

Sequence:	PS060425	Instrument	ECD_s

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

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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
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	DCPA #2	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	MCPA #2	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	Picloram	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PS060425	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	ps060925	Instrument	ECD_s

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	DCPA #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	DCPA #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-DICHLOROBENZOIC 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

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

Manual Integration Report

Sequence:	ps060925	Instrument	ECD_s

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	MCPP	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

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

Manual Integration Report

Sequence:	ps060925	Instrument	ECD_s

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	DCPA #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	DCPA #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

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

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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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	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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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	

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

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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

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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	

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

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch 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	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

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS061125

Review By		Review On			
Supervise By		Supervise On			
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	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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,NR
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,NR
9	Q2266-01MSD	PS030627.D	11 Jun 2025 12:55	AR\AJ	Ok,NR
10	PB168375BS	PS030628.D	11 Jun 2025 14:06	AR\AJ	Ok,NR
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,NR
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,NR

M : Manual Integration

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Fax : 908 789 8922

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	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

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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Fax : 908 789 8922

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	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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/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	

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

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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	

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

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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	

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

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS061125

Review By		Review On			
Supervise By		Supervise On			
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	
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,NR
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	Surrogate high in both column	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,NR
9	Q2266-01MSD	WC-3MSD	PS030627.D	11 Jun 2025 12:55	some compound recovery fail	AR\AJ	Ok,NR
10	PB168375BS	PB168375BS	PS030628.D	11 Jun 2025 14:06		AR\AJ	Ok,NR
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,NR
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,NR

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/30/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 05/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135945

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2150-01	TP-44	1	1.15	10.30	11.45	9.28	78.9	
Q2150-02	TP-42	2	1.13	10.45	11.58	10.14	86.2	
Q2150-03	TP-39	3	1.14	10.46	11.6	9.89	83.7	
Q2150-04	TP-48	4	1.18	10.44	11.62	9.6	80.7	
Q2150-05	TP-47	5	1.17	10.18	11.35	9.42	81.0	
Q2150-06	TP-50	6	1.18	10.70	11.88	10.38	86.0	
Q2150-07	TP-51	7	1.17	10.74	11.91	10.16	83.7	
Q2150-08	TP-52	8	1.16	10.61	11.77	10.25	85.7	
Q2150-09	TP-54	9	1.16	10.50	11.66	9.94	83.6	
Q2150-10	TP-53	10	1.12	10.56	11.68	10.13	85.3	
Q2151-01	WC-1	11	1.15	10.02	11.17	9.71	85.4	
Q2151-02	WC-1-EPH	12	1.17	10.23	11.4	9.99	86.2	
Q2151-03	WC-1-VOC	13	1.19	10.41	11.6	9.98	84.4	
Q2152-01	OK-02-05292025	31	1.18	10.25	11.43	10.2	88.0	
Q2152-02	OK-02-05292025-E2	32	1.13	10.47	11.6	10.54	89.9	
Q2153-01	TR-04-0592025	33	1.15	10.40	11.55	10.54	90.3	
Q2153-02	TR-04-0592025-E2	34	1.17	10.39	11.56	10.6	90.8	
Q2154-01	BC271336-1-1	14	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-02	BC271336-1-2	15	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-03	BC271336-2-1	16	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-04	BC271336-2-2	17	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-05	BC278406-1-1	18	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-06	BC278406-1-2	19	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-07	BC278406-2-1	20	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-08	BC278406-2-2	21	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-09	BC22682C-1-1	22	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-10	BC22682C-1-2	23	1.00	1.00	2.00	2.00	100.0	pilc
Q2154-11	GHA409H-1-1	24	1.00	1.00	2.00	2.00	100.0	pilc

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/30/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 05/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135945

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2154-12	GHA409H-1-2	25	1.00	1.00	2.00	2.00	100.0	oilc
Q2155-01	446	26	1.18	10.02	11.2	10.42	92.2	
Q2155-02	447-SOLID	27	1.13	10.35	11.48	6.13	48.3	
Q2156-01	KZZ331H-1-1	28	1.00	1.00	2.00	2.00	100.0	oilc
Q2156-02	KZZ331H-1-2	29	1.00	1.00	2.00	2.00	100.0	oilc
Q2157-01	291	30	1.00	1.00	2.00	2.00	100.0	debris

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WP 135945

WorkList Name : %1-052925 **WorkList ID :** 189801 **Department :** Wet-Chemistry **Date :** 05-29-2025 08:14:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2150-01	TP-44	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/27/2025	Chemtech -SO
Q2150-02	TP-42	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/27/2025	Chemtech -SO
Q2150-03	TP-39	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/27/2025	Chemtech -SO
Q2150-04	TP-48	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/27/2025	Chemtech -SO
Q2150-05	TP-47	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/27/2025	Chemtech -SO
Q2150-06	TP-50	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/27/2025	Chemtech -SO
Q2150-07	TP-51	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/27/2025	Chemtech -SO
Q2150-08	TP-52	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/27/2025	Chemtech -SO
Q2150-09	TP-54	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/28/2025	Chemtech -SO
Q2150-10	TP-53	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/28/2025	Chemtech -SO
Q2151-01	WC-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/28/2025	Chemtech -SO
Q2151-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2151-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2152-01	OK-02-05292025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L21	05/29/2025	Chemtech -SO
Q2152-02	OK-02-05292025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L21	05/29/2025	Chemtech -SO
Q2153-01	TR-04-0592025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/29/2025	Chemtech -SO
Q2153-02	TR-04-0592025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/29/2025	Chemtech -SO
Q2154-01	BC271336-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-02	BC271336-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-03	BC271336-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-04	BC271336-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO

Date/Time 05/29/25 16:15

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 05/29/25 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

135945

WorkList Name : %1-052925 **WorkList ID :** 189801 **Department :** Wet-Chemistry **Date :** 05-29-2025 08:14:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2154-05	BC278406-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-06	BC278406-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-07	BC278406-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-08	BC278406-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-09	BC22682C-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-10	BC22682C-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-11	GHA409H-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2154-12	GHA409H-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2155-01	446	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2155-02	447-SOLID	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2156-01	KZZ331H-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2156-02	KZZ331H-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO
Q2157-01	291	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/29/2025	Chemtech -SO

Date/Time 05/29/25 1615

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 05/29/25 1730

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168207

SOP ID:	M8151A-Herbicide-23				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/30/2025
Matrix :	Solid			**Extraction Start Time :**	08:20
Weigh 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

Standared 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**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168207

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
Q2130-01MSD	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

RS
5/30

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

168207
8:20

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 Of	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-lab)
Raw Sample Relinquished by: SM

Date/Time 05/30/25 8:45
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext-lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2150
COC Number 2047108

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 732-590-4679 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO. 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 732-590-4679 FAX: 732-225-7851

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 732-590-4679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☑ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1: TCL VOC
2: TCL SVOC
3: METALS
4: PCB
5: PESTICIDE
6: HERBICIDE
7: DRO/GRO
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TP-44	SOIL		X	5/27/25	0620	6	X	X	X	X	X	X	X			E
2.	TP-42	SOIL		X	5/27/25	0915	6	X	X	X	X	X	X	X			E
3.	TP-39	SOIL		X	5/27/25	0950	6	X	X	X	X	X	X	X			E
4.	TP-48	SOIL		X	5/27/25	1220	6	X	X	X	X	X	X	X			E
5.	TP-47	SOIL		X	5/27/25	1120	6	X	X	X	X	X	X	X			E
6.	TP-50	SOIL		X	5/27/25	1330	6	X	X	X	X	X	X	X			E
7.	TP-51	SOIL		X	5/27/25	1505	6	X	X	X	X	X	X	X			E
8.	TP-52	SOIL		X	5/28/25	0850	6	X	X	X	X	X	X	X			E
9.	TP-54	SOIL		X	5/28/25	1145	6	X	X	X	X	X	X	X			E
10.	TP-53	SOIL		X	5/28/25	1425	6	X	X	X	X	X	X	X			F

PRESERVATIVES: ← Specify Preservatives — A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5/28/25 1550	1. 5-28-25 1550
2.		2.
3.	5-28-25 1645	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2150 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/28/2025 3:53:00 PM
Project Name : South River WM Replacem
Receive DateTime : 5/28/2025 ~~12:00:00~~ AM
Purchase Order : 18:45

Project Mgr :
Report Type : ~~Level I~~ NJ REDUCE
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2150-01	TP-44	Solid	05/27/2025	08:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2150-02	TP-42	Solid	05/27/2025	09:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2150-03	TP-39	Solid	05/27/2025	09:50					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2150-04	TP-48	Solid	05/27/2025	12:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2150-05	TP-47	Solid	05/27/2025	11:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2150-06	TP-50	Solid	05/27/2025	13:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2150-07	TP-51	Solid	05/27/2025	15:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2150-08	TP-52	Solid	05/28/2025	08:50					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2150 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/28/2025 3:53:00 PM
Project Name : South River WM Replacem
Receive DateTime : 5/28/2025 ~~12:00:00~~ 16:45 AM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ NJ REDUCE
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q2150-09	TP-54	Solid	05/28/2025	11:45						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q2150-10	TP-53	Solid	05/28/2025	14:25						
					VOC-TCLVOA-10		8260D	10 Bus. Days		

Relinguished By : [signature]
Date / Time : 5/29/25 0950

Received By : [signature]
Date / Time : 05/29/25 0950 Rg#6 f22
Storage Area : VOA Refridgerator Room