

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 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

LAB CHRONICLE

OrderID: Q3257	OrderDate: 9/30/2025 2:40:01 PM
Client: CDM Smith	Project: MWCO CJO WTP Edison 295110
Contact: Marcie Ann Encinas	Location: D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	ENV1-6FT	SOIL			09/30/25			09/30/25
			Herbicide	8151A		10/01/25	10/02/25	
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
			EPH	NJEPH		10/02/25	10/02/25	
Q3257-02	ENV2-6FT	SOIL			09/29/25			09/30/25
			Herbicide	8151A		10/01/25	10/02/25	
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
			EPH	NJEPH		10/02/25	10/02/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q3257

Order ID: Q3257

Client: CDM Smith

Project ID: MWCO CJO WTP Edison 295110

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

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: **Q3257**

Client: **CDM Smith**

Analytical Method: **8151A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031667.D	PIBLK-PS031667.D	2,4-DCAA	1	500	445	89		61	136
		2,4-DCAA	2	500	525	105		61	136
I.BLK-PS031912.D	PIBLK-PS031912.D	2,4-DCAA	1	500	468	94		61	136
		2,4-DCAA	2	500	540	108		61	136
PB169931BL	PB169931BL	2,4-DCAA	1	500	426	85		10	141
		2,4-DCAA	2	500	499	100		10	141
PB169931BS	PB169931BS	2,4-DCAA	1	500	561	112		10	141
		2,4-DCAA	2	500	531	106		10	141
I.BLK-PS031917.D	PIBLK-PS031917.D	2,4-DCAA	1	500	461	92		61	136
		2,4-DCAA	2	500	523	105		61	136
I.BLK-PS031920.D	PIBLK-PS031920.D	2,4-DCAA	1	500	440	88		61	136
		2,4-DCAA	2	500	512	102		61	136
Q3257-01	ENV1-6FT	2,4-DCAA	1	500	214	43		10	141
		2,4-DCAA	2	500	238	48		10	141
Q3257-02	ENV2-6FT	2,4-DCAA	1	500	420	84		10	141
		2,4-DCAA	2	500	365	73		10	141
I.BLK-PS031928.D	PIBLK-PS031928.D	2,4-DCAA	1	500	464	93		61	136
		2,4-DCAA	2	500	537	107		61	136
I.BLK-PS031940.D	PIBLK-PS031940.D	2,4-DCAA	1	500	460	92		61	136
		2,4-DCAA	2	500	530	106		61	136
Q3257-02MS	ENV2-6FTMS	2,4-DCAA	1	500	445	89		10	141
		2,4-DCAA	2	500	432	86		10	141
Q3257-02MSD	ENV2-6FTMSD	2,4-DCAA	1	500	443	89		10	141
		2,4-DCAA	2	500	427	85		10	141
I.BLK-PS031944.D	PIBLK-PS031944.D	2,4-DCAA	1	500	478	96		61	136
		2,4-DCAA	2	500	544	109		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS031942.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3257-02MS (Column 1)	Client Sample ID:		ENV2-6FTMS								
	DICAMBA	196.6	0	61.6	ug/Kg	31				10	112	
	DICHLORPROP	196.6	0	88.2	ug/Kg	45				10	113	
	2,4-D	196.6	0	56.3	ug/Kg	29				10	144	
	2,4,5-TP(Silvex)	196.6	0	69.6	ug/Kg	35				10	114	
	2,4,5-T	196.6	0	62.2	ug/Kg	32				10	115	
	2,4-DB	196.6	0	67.3	ug/Kg	34				10	140	
	Dinoseb	196.6	0	45.4	ug/Kg	23				10	118	
Lab Sample ID:	Q3257-02MS (Column 2)	Client Sample ID:		ENV2-6FTMS								
	DICAMBA	196.6	0	75.5	ug/Kg	38				10	112	
	DICHLORPROP	196.6	0	78.1	ug/Kg	40				10	113	
	2,4-D	196.6	0	64.0	ug/Kg	33				10	144	
	2,4,5-TP(Silvex)	196.6	0	93.1	ug/Kg	47				10	114	
	2,4,5-T	196.6	0	72.6	ug/Kg	37				10	115	
	2,4-DB	196.6	0	54.5	ug/Kg	28				10	140	
	Dinoseb	196.6	0	61.1	ug/Kg	31				10	118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS031943.D</u>

			Sample			Rec		RPD		Limits			
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD	
Lab Sample ID:	Q3257-02MSD	Client Sample ID:	ENV2-6FTMSD										
	(Column 1)												
	DICAMBA		196.5	0	61.4	ug/Kg	31		0		10	112	20
	DICHLORPROP		196.5	0	84.8	ug/Kg	43		5		10	113	20
	2,4-D		196.5	0	62.1	ug/Kg	32		10		10	144	20
	2,4,5-TP(Silvex)		196.5	0	69.6	ug/Kg	35		0		10	114	20
	2,4,5-T		196.5	0	63.8	ug/Kg	32		0		10	115	20
	2,4-DB		196.5	0	61.4	ug/Kg	31		9		10	140	20
	Dinoseb		196.5	0	44.1	ug/Kg	22		4		10	118	20
Lab Sample ID:	Q3257-02MSD	Client Sample ID:	ENV2-6FTMSD										
	(Column 2)												
	DICAMBA		196.5	0	75.0	ug/Kg	38		0		10	112	20
	DICHLORPROP		196.5	0	78.1	ug/Kg	40		0		10	113	20
	2,4-D		196.5	0	72.3	ug/Kg	37		11		10	144	20
	2,4,5-TP(Silvex)		196.5	0	93.3	ug/Kg	47		0		10	114	20
	2,4,5-T		196.5	0	72.4	ug/Kg	37		0		10	115	20
	2,4-DB		196.5	0	52.9	ug/Kg	27		4		10	140	20
	Dinoseb		196.5	0	57.2	ug/Kg	29		7		10	118	20



SW-846

Datafile : PS031916.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits	
								Qual	Low	High
PB169931BS (Column 1)	DICAMBA	166.6	172	ug/Kg	103				72	129
	DICHLORPROP	166.6	175	ug/Kg	105				77	135
	2,4-D	166.6	197	ug/Kg	118				65	144
	2,4,5-TP(Silvex)	166.6	180	ug/Kg	108				74	146
	2,4,5-T	166.6	186	ug/Kg	112				77	134
	2,4-DB	166.6	179	ug/Kg	107				72	122
	Dinoseb	166.6	189	ug/Kg	113				74	132
PB169931BS (Column 2)	DICAMBA	166.6	168	ug/Kg	101				72	129
	DICHLORPROP	166.6	178	ug/Kg	107				77	135
	2,4-D	166.6	167	ug/Kg	100				65	144
	2,4,5-TP(Silvex)	166.6	173	ug/Kg	104				74	146
	2,4,5-T	166.6	167	ug/Kg	100				77	134
	2,4-DB	166.6	149	ug/Kg	89				72	122
	Dinoseb	166.6	187	ug/Kg	112				74	132

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169931BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: PB169931BL

Lab File ID: PS031915.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/01/2025

Date Analyzed (1): 10/01/2025

Date Analyzed (2): 10/01/2025

Time Analyzed (1): 16:56

Time Analyzed (2): 16:56

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
PB169931BS	PB169931BS	PS031916.D	10/01/2025	10/01/2025
ENV1-6FT	Q3257-01	PS031924.D	10/02/2025	10/02/2025
ENV2-6FT	Q3257-02	PS031925.D	10/02/2025	10/02/2025
ENV2-6FTMS	Q3257-02MS	PS031942.D	10/03/2025	10/03/2025
ENV2-6FTMSD	Q3257-02MSD	PS031943.D	10/03/2025	10/03/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.3
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031924.D	1	10/01/25 09:05	10/02/25 12:04	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	79.3	ug/Kg
120-36-5	DICHLORPROP	15.1	U	15.1	79.3	ug/Kg
94-75-7	2,4-D	10.7	U	10.7	79.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.7	U	10.7	79.3	ug/Kg
93-76-5	2,4,5-T	10.3	U	10.3	79.3	ug/Kg
94-82-6	2,4-DB	28.6	U	28.6	79.3	ug/Kg
88-85-7	DINOSEB	12.8	U	12.8	79.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	238		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\PS100225\
Data File : PS031924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 12:04
Operator : AR\AJ
Sample : Q3257-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ENV1-6FT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:04:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.278	7.739	769.4E6	216.2E6	213.618	237.858

Target Compounds

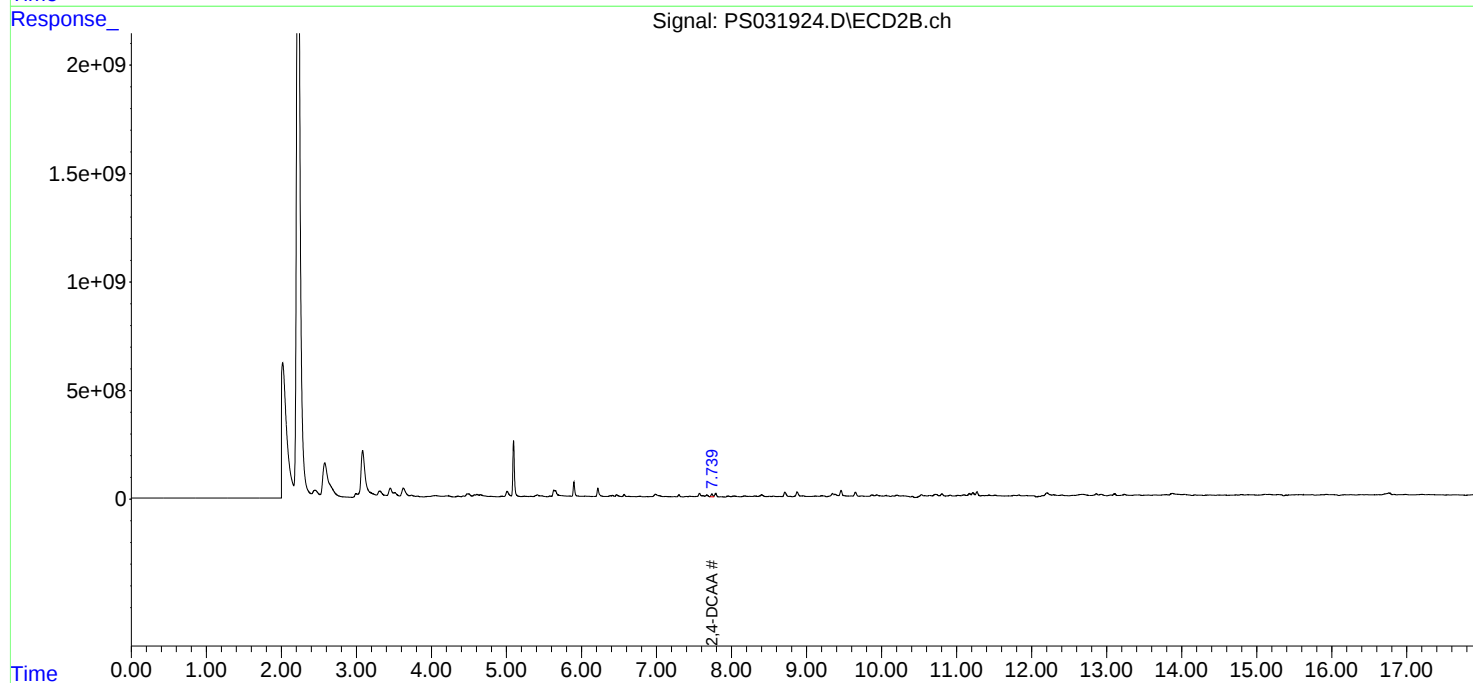
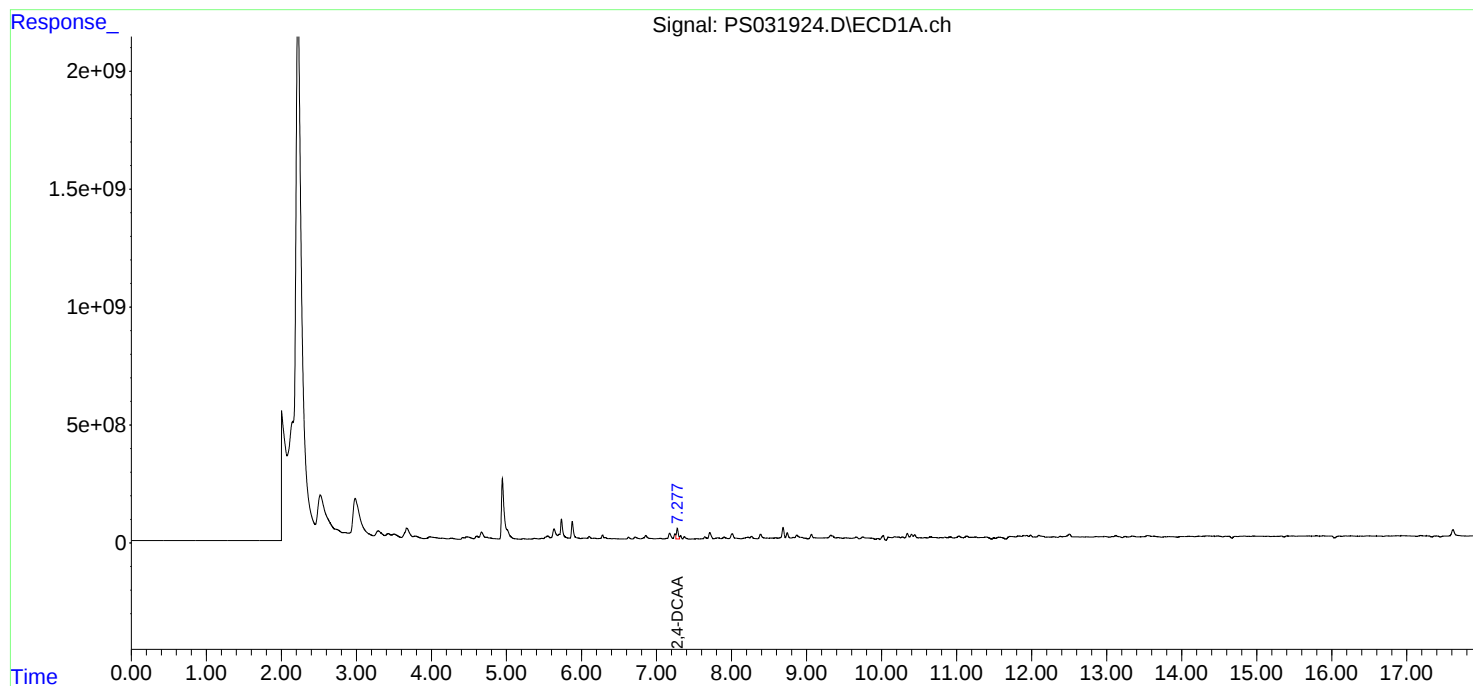
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

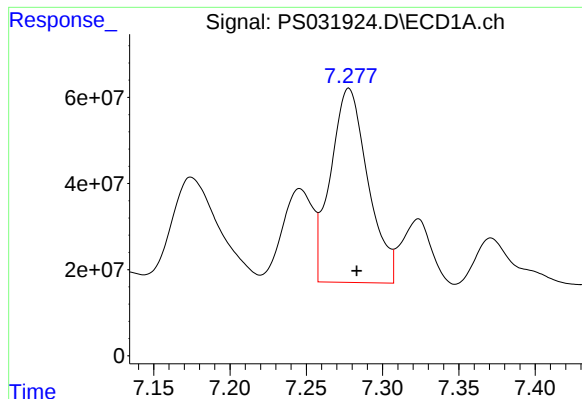
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
Data File : PS031924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 12:04
Operator : AR\AJ
Sample : Q3257-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ENV1-6FT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:04:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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

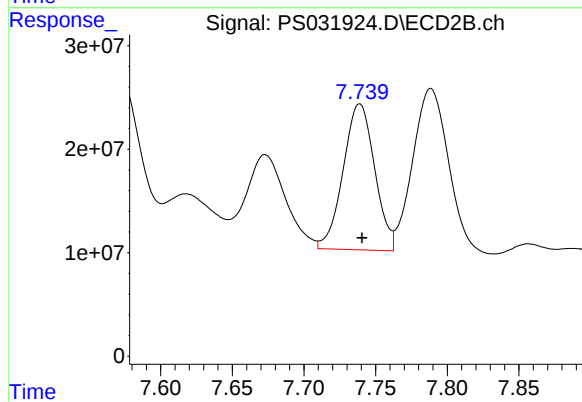




#4 2,4-DCAA

R.T.: 7.278 min
Delta R.T.: -0.005 min
Response: 769351266
Conc: 213.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV1-6FT



#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 216188822
Conc: 237.86 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031925.D	1	10/01/25 09:05	10/02/25 12:28	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.10	U	9.10	79.0	ug/Kg
120-36-5	DICHLORPROP	15.1	U	15.1	79.0	ug/Kg
94-75-7	2,4-D	10.7	U	10.7	79.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.7	U	10.7	79.0	ug/Kg
93-76-5	2,4,5-T	10.3	U	10.3	79.0	ug/Kg
94-82-6	2,4-DB	28.5	U	28.5	79.0	ug/Kg
88-85-7	DINOSEB	12.7	U	12.7	79.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	420		10 - 141	84%	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\PS100225\
Data File : PS031925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 12:28
Operator : AR\AJ
Sample : Q3257-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ENV2-6FT

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:04:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.277	7.735	1514.2E6	332.0E6	420.427	365.279m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
Data File : PS031925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 12:28
Operator : AR\AJ
Sample : Q3257-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

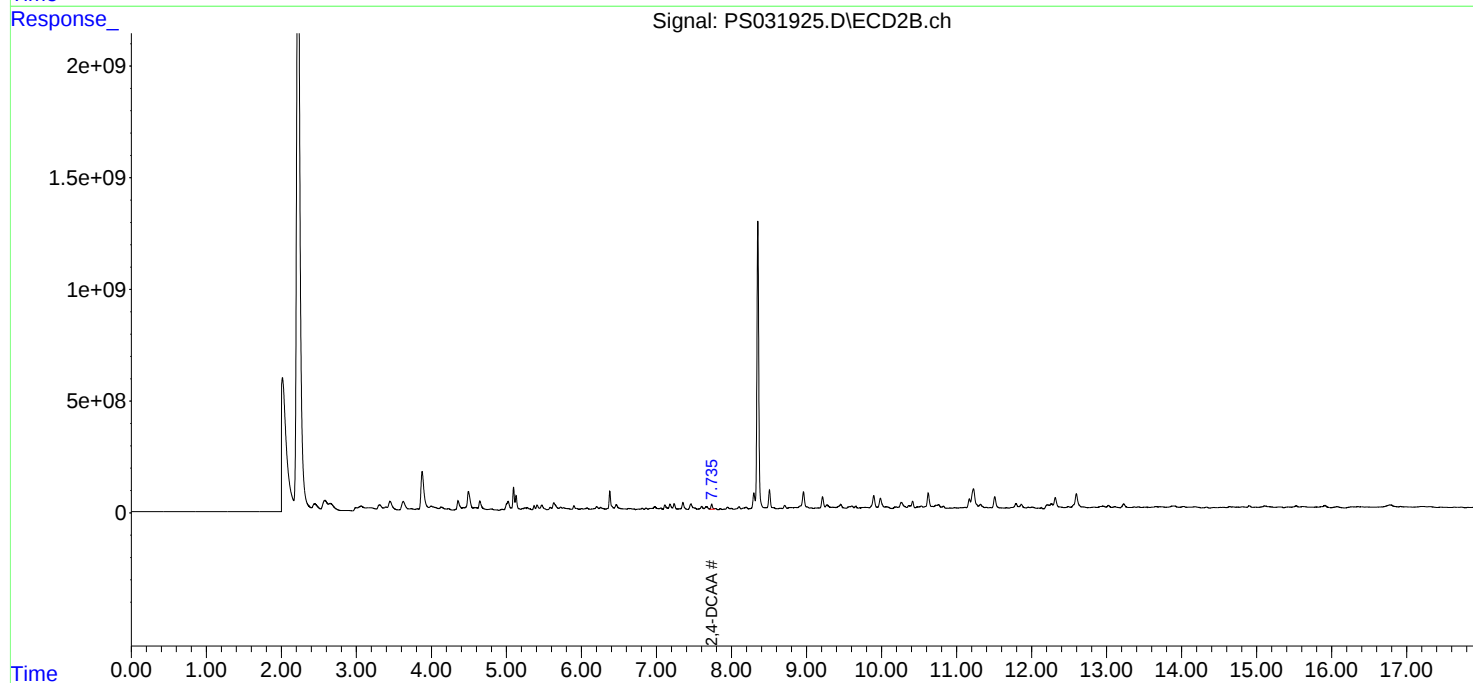
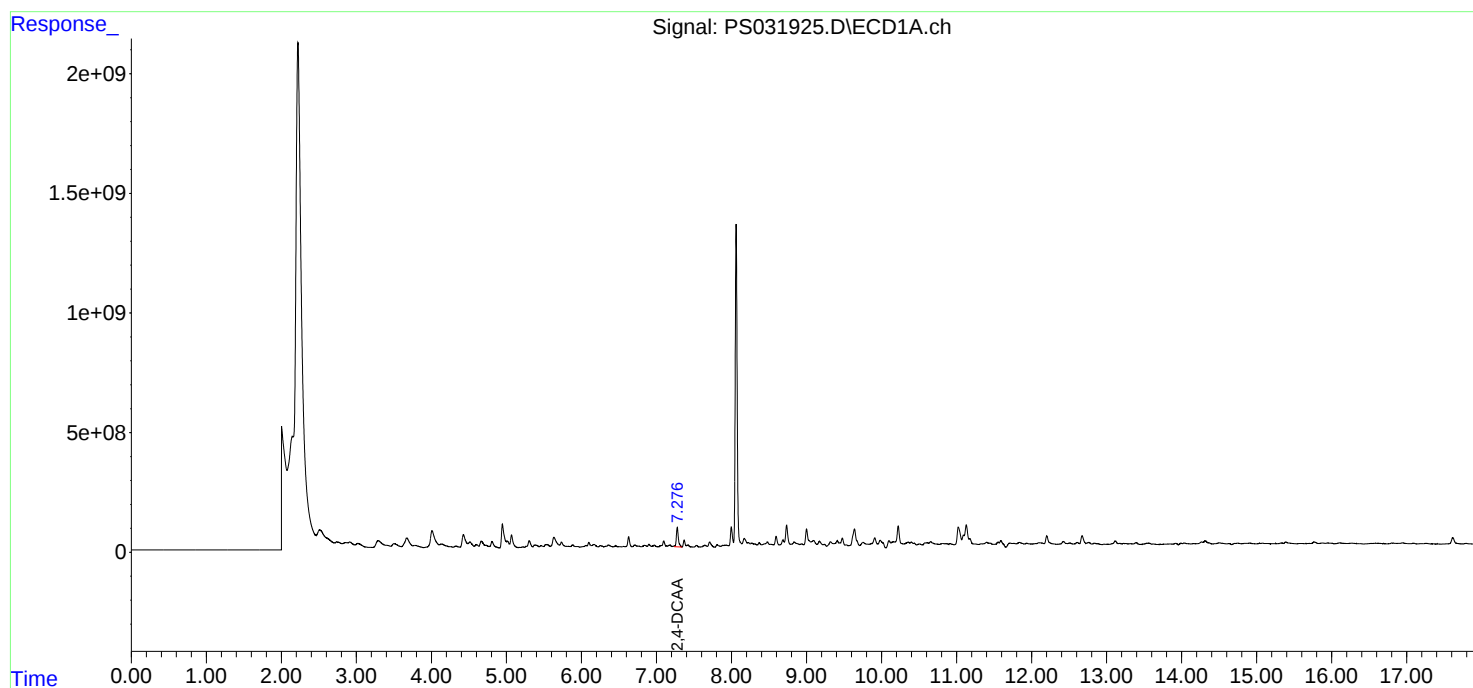
Instrument :
ECD_S
ClientSampleId :
ENV2-6FT

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/03/2025
Supervised By : mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:04:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 2025
Response via : Initial Calibration
Integrator: ChemStation

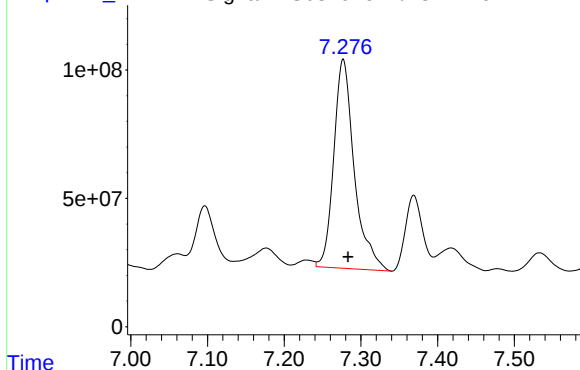
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PS031925.D\ECD1A.ch

#4 2,4-DCAA



R.T.: 7.277 min
Delta R.T.: -0.006 min
Response: 1514180007
Conc: 420.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FT

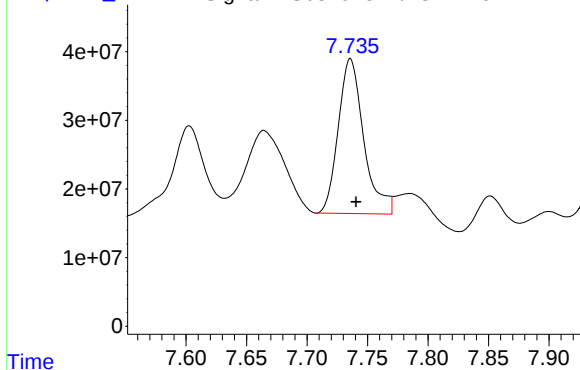
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Time
Response_

Signal: PS031925.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.735 min
Delta R.T.: -0.005 min
Response: 332002345
Conc: 365.28 ng/ml m



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3257</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
		Calibration Times:	<u>11:32</u> <u>13:08</u>

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

LAB FILE ID:	RT 200 = <u>PS031668.D</u>	RT 500 = <u>PS031669.D</u>
RT 750 = <u>PS031670.D</u>	RT 1000 = <u>PS031671.D</u>	RT 1500 = <u>PS031672.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-T	9.59	9.59	9.58	9.58	9.58	9.58	9.48	9.68
2,4,5-TP(Silvex)	9.29	9.29	9.29	9.29	9.29	9.29	9.19	9.39
2,4-D	8.42	8.42	8.41	8.41	8.41	8.42	8.32	8.52
2,4-DB	10.17	10.16	10.16	10.16	10.15	10.16	10.06	10.26
2,4-DCAA	7.29	7.29	7.29	7.29	7.28	7.29	7.19	7.39
DICAMBA	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
DICHLORPROP	8.18	8.18	8.18	8.18	8.18	8.18	8.08	8.28
Dinoseb	11.36	11.36	11.35	11.35	11.35	11.35	11.25	11.45

Calibration Times: **11:32** **13:08**

LAB FILE ID:	RT 200 =	<u>PS031668.D</u>	RT 500 =	<u>PS031669.D</u>
	RT 750 =	PS031670.D	RT 1000 =	PS031671.D
			RT 1500 =	PS031672.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Instrument ID: ECD_S

Calibration Date(s): 09/09/2025 09/09/2025

Calibration Times: 11:32 13:08

GC Column: RTX-CLP

ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031668.D</u>	CF 500 =	<u>PS031669.D</u>		
CF 750 =		<u>PS031670.D</u>	CF 1000 =	<u>PS031671.D</u>	CF 1500 =	<u>PS031672.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	1873400000	1865330000	1825140000	1810170000	1775040000	1829820000	2
2,4,5-TP(Silvex)	2331440000	2166830000	2067290000	1999780000	1921510000	2097370000	8
2,4-D	3623310000	3886470000	3301510000	3166900000	3150010000	3425640000	9
2,4-DB	2215860000	2277540000	2345860000	2369030000	2455540000	2332770000	4
2,4-DCAA	3985360000	3774560000	3531130000	3388800000	3327800000	3601530000	8
DICAMBA	1663350000	1613300000	1548650000	1501170000	1471880000	1559670000	5
DICHLORPROP	4107570000	3655200000	3455830000	3338320000	3251900000	3561760000	10
Dinoseb	1637190000	1437850000	1419320000	1380870000	1336120000	1442270000	8



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Instrument ID: ECD_S

Calibration Date(s): 09/09/2025 09/09/2025

Calibration Times: 11:32 13:08

GC Column: RTX-CLP2

ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031668.D</u>	CF 500 =	<u>PS031669.D</u>		
CF 750 =		<u>PS031670.D</u>	CF 1000 =	<u>PS031671.D</u>	CF 1500 =	<u>PS031672.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	14154100000	13509200000	13386200000	13315900000	12919700000	13457000000	3
2,4,5-TP(Silvex)	16378200000	15425200000	14913400000	14552800000	14002000000	15054300000	6
2,4-D	1798080000	1663870000	1619090000	1589690000	1554820000	1645110000	6
2,4-DB	1289240000	1029100000	1017980000	1016850000	997058000	1070040000	12
2,4-DCAA	975058000	912799000	892983000	889945000	873713000	908899000	4
DICAMBA	6906160000	6561550000	6431490000	6357940000	6277100000	6506850000	4
DICHLORPROP	1500950000	1530980000	1472190000	1385470000	1385720000	1455060000	5
Dinoseb	10286300000	9393960000	9690760000	9609050000	9623390000	9720680000	3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
 Data File : PS031668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 11:32
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/10/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 12:44:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 12:39:40 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	7.289	7.747	797.1E6	195.0E6	211.780	210.381
Target Compounds							
1) T	Dalapon	2.670	2.691	1188.9E6	541.1E6	197.607	186.724
2) T	3,5-DICHL...	6.455	6.700	1129.8E6	300.2E6	201.899	190.455
3) T	4-Nitroph...	7.104	7.310	187.7E6	222.1E6	173.053m	183.336m
5) T	DICAMBA	7.470	7.940	3127.1E6	1298.4E6	194.419	195.740
6) T	MCPD	7.644	8.033	135.4E6	27633581	16.236m	15.189m
7) T	MCPA	7.793	8.279	184.7E6	43869556	17.407	16.307
8) T	DICHLORPROP	8.180	8.661	772.2E6	282.2E6	206.503	187.947
9) T	2,4-D	8.422	9.009	681.2E6	338.0E6	189.020	199.589
10) T	Pentachlo...	8.708	9.510	11923.1E6	8116.6E6	201.313	194.373
11) T	2,4,5-TP ...	9.286	9.895	4429.7E6	3111.9E6	202.408	199.834
12) T	2,4,5-T	9.588	10.328	3559.5E6	2689.3E6	191.924	196.539
13) T	2,4-DB	10.165	10.895	421.0E6	245.0E6	184.675	220.263
14) T	DINOSEB	11.355	11.267	3077.9E6	1933.8E6	205.452	197.523
15) T	Picloram	11.194	12.394	3167.6E6	4294.4E6	181.003	182.592
16) T	DCPA	11.653	12.308	5767.5E6	4882.1E6	203.906	196.921

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031668.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 11:32
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

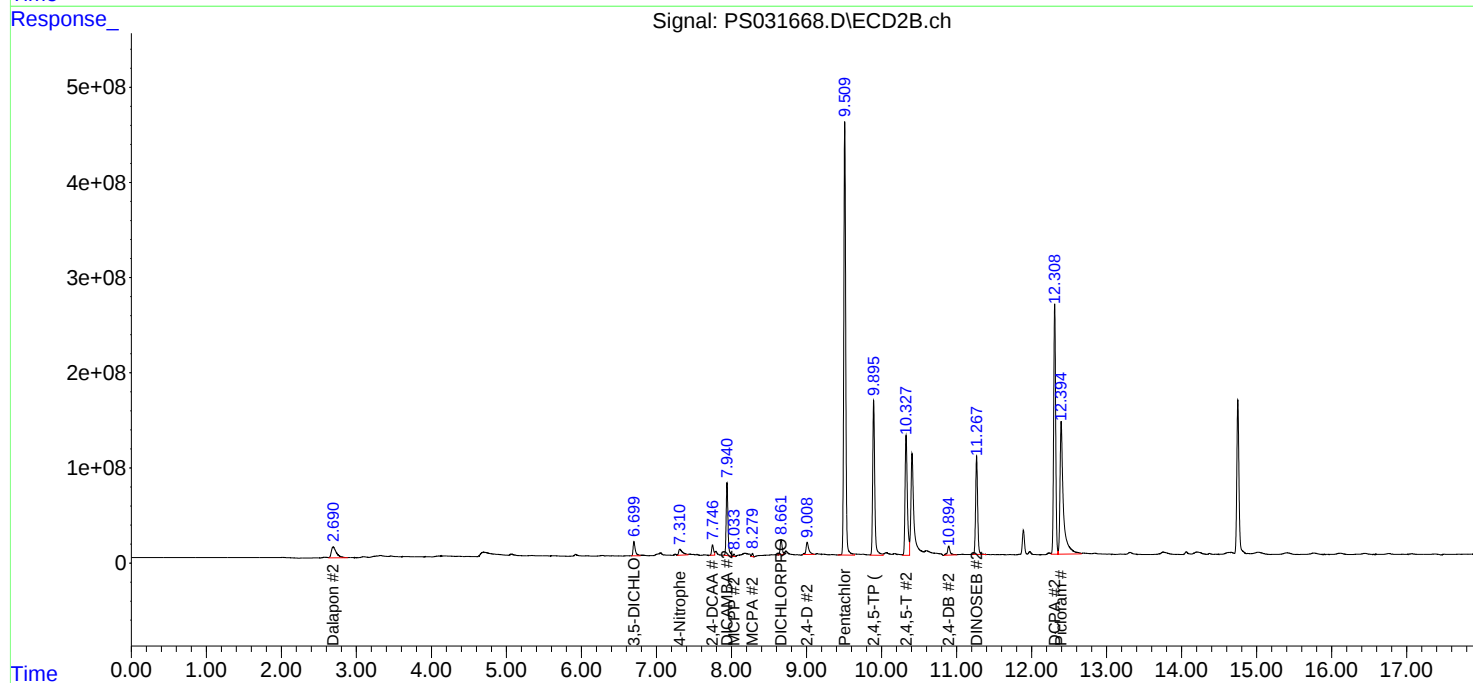
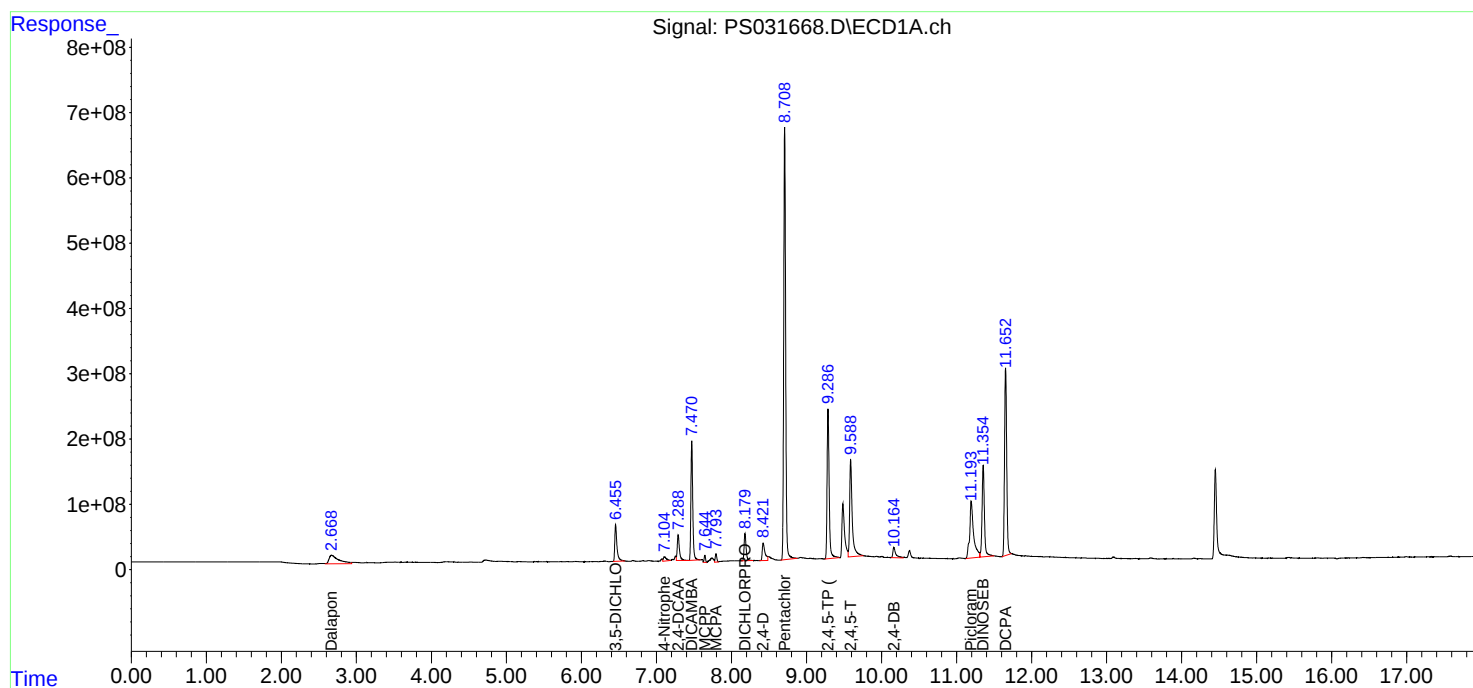
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 12:44:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 12:39:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
 Data File : PS031669.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 11:56
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 12:42:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 12:39:40 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	7.286	7.744	1887.3E6	456.4E6	516.660	505.487
Target Compounds							
1) T	Dalapon	2.672	2.691	2683.4E6	1340.9E6	465.979	468.823
2) T	3,5-DICHL...	6.454	6.697	2557.6E6	740.4E6	477.479	475.371
3) T	4-Nitroph...	7.100	7.301	494.3E6	505.9E6	450.108	425.959
5) T	DICAMBA	7.470	7.939	7582.5E6	3083.9E6	479.610	474.705
6) T	MCPD	7.647	8.035	401.6E6	92181039	45.249	46.276
7) T	MCPA	7.794	8.282	499.0E6	131.3E6	45.559	45.976
8) T	DICHLORPROP	8.178	8.659	1717.9E6	719.6E6	483.177	479.201
9) T	2,4-D	8.417	9.003	1826.6E6	782.0E6	508.249	476.411
10) T	Pentachlo...	8.708	9.508	27950.2E6	19902.1E6	486.398	482.154
11) T	2,4,5-TP ...	9.287	9.893	10292.4E6	7327.0E6	486.166	483.013
12) T	2,4,5-T	9.585	10.324	8860.3E6	6416.9E6	480.173	477.172
13) T	2,4-DB	10.160	10.892	1081.8E6	488.8E6	467.981	477.579
14) T	DINOSEB	11.355	11.266	6757.9E6	4415.2E6	473.049	462.691
15) T	Picloram	11.188	12.389	8470.1E6	11263.9E6	472.807	469.769
16) T	DCPA	11.653	12.307	13556.5E6	11946.3E6	494.616	488.114

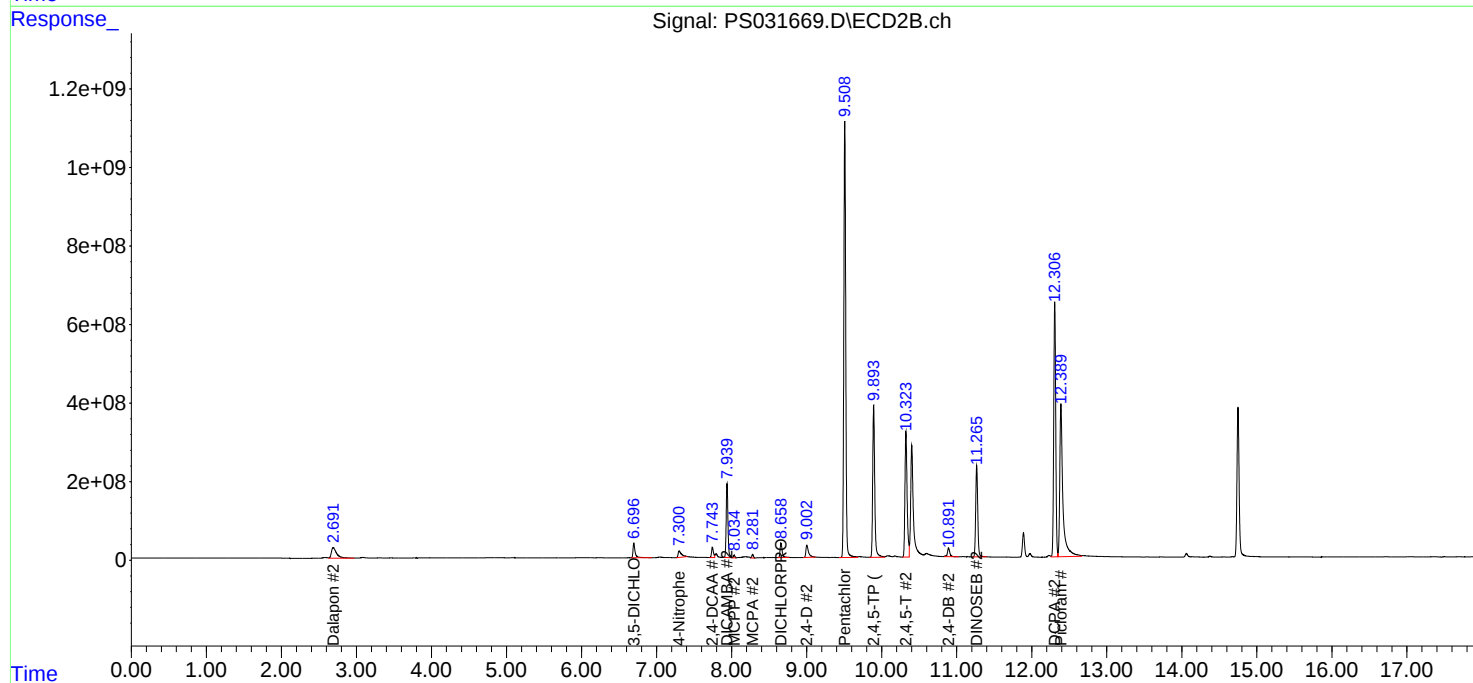
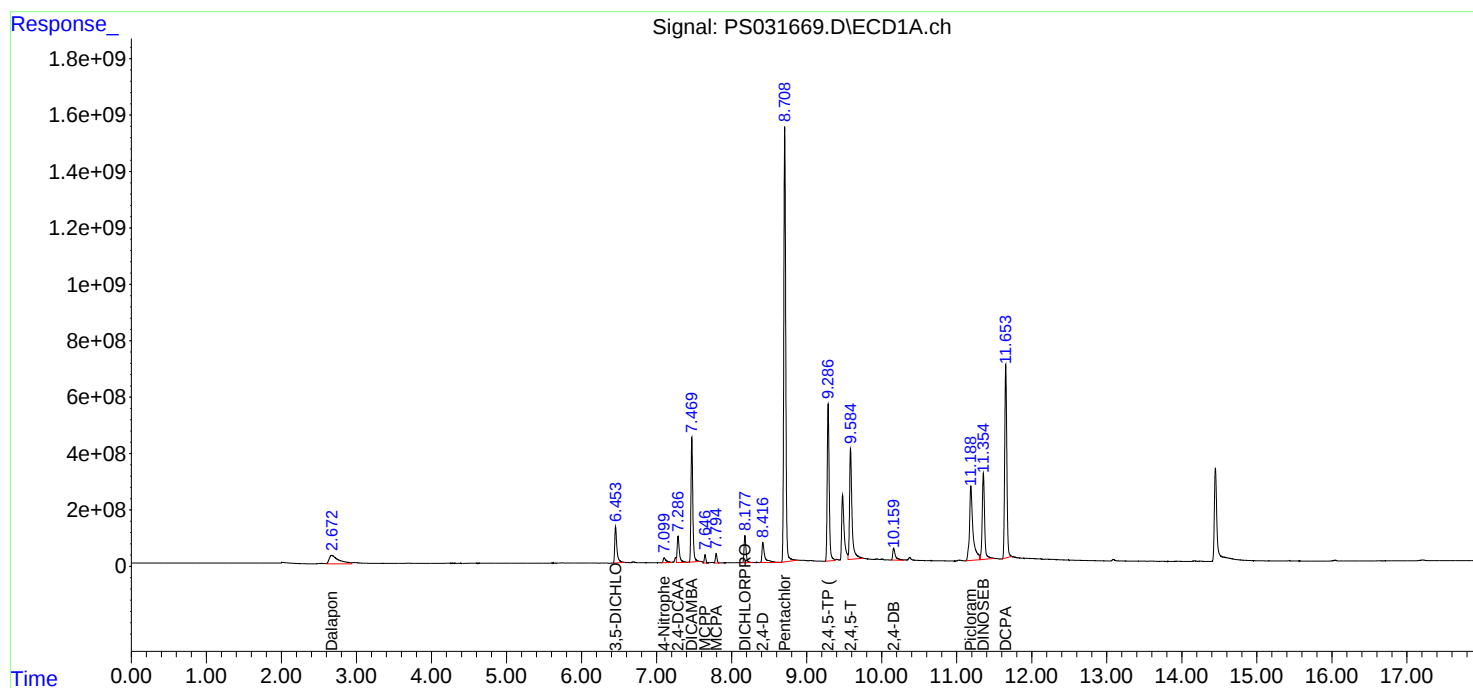
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 11:56
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 12:42:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 12:39:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
 Data File : PS031670.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 12:20
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 12:39:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 12:39:40 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	7.285	7.743	2648.3E6	669.7E6	750.000	750.000
Target Compounds							
1) T	Dalapon	2.669	2.691	3835.4E6	1892.7E6	682.500	682.500
2) T	3,5-DICHL...	6.453	6.695	3635.9E6	1062.2E6	697.500	697.500
3) T	4-Nitroph...	7.095	7.291	757.6E6	862.3E6	682.500	682.500
5) T	DICAMBA	7.469	7.939	10918.0E6	4534.2E6	705.000	705.000
6) T	MCPD	7.647	8.036	649.1E6	142.6E6	70.500	70.500
7) T	MCPA	7.796	8.284	779.5E6	201.5E6	69.750	69.750
8) T	DICHLORPROP	8.177	8.659	2436.4E6	1037.9E6	705.000	705.000
9) T	2,4-D	8.414	9.000	2327.6E6	1141.5E6	705.000	705.000
10) T	Pentachlo...	8.708	9.509	39960.3E6	28967.2E6	712.500	712.500
11) T	2,4,5-TP ...	9.285	9.893	14729.5E6	10625.8E6	712.500	712.500
12) T	2,4,5-T	9.583	10.321	13004.1E6	9537.7E6	712.500	712.500
13) T	2,4-DB	10.158	10.890	1671.4E6	725.3E6	712.500	712.500
14) T	DINOSEB	11.354	11.266	10006.2E6	6832.0E6	705.000	705.000
15) T	Picloram	11.184	12.385	12823.0E6	17272.1E6	712.500	712.500
16) T	DCPA	11.654	12.307	19132.9E6	17323.7E6	720.000	720.000

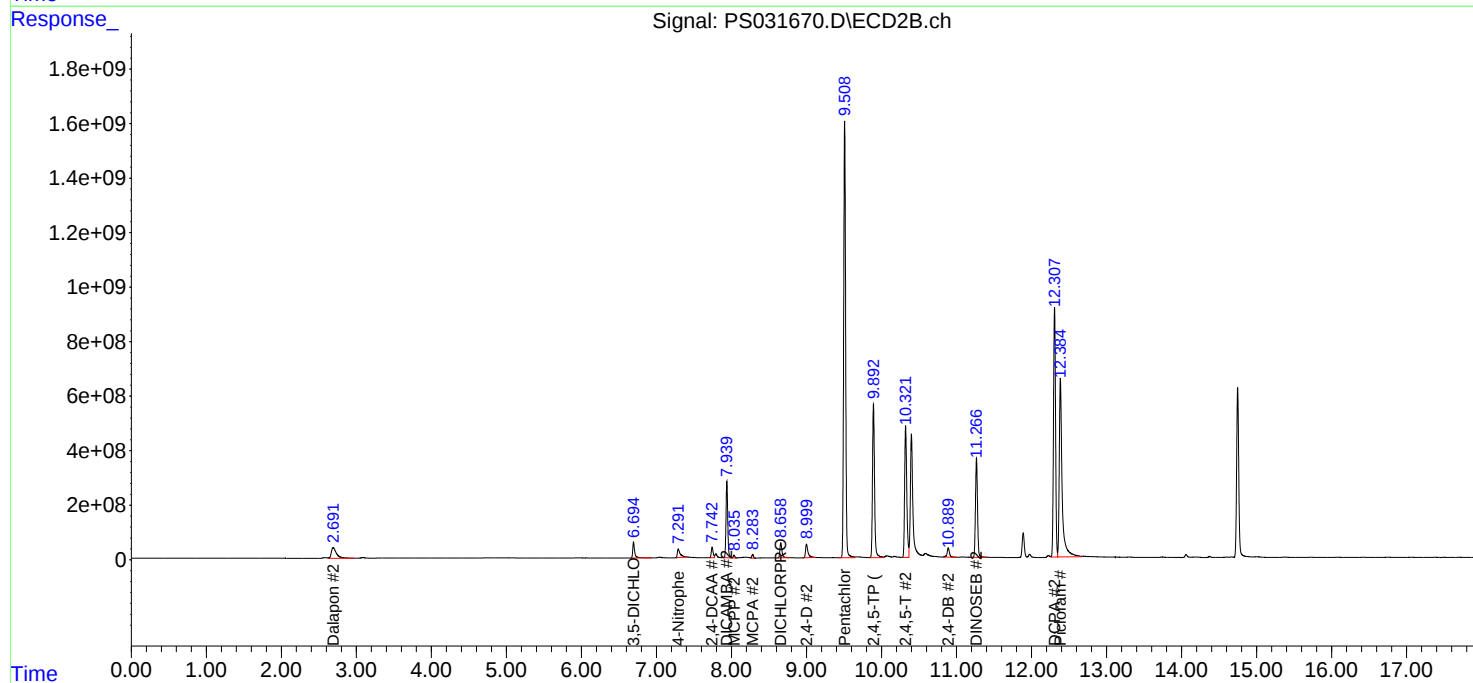
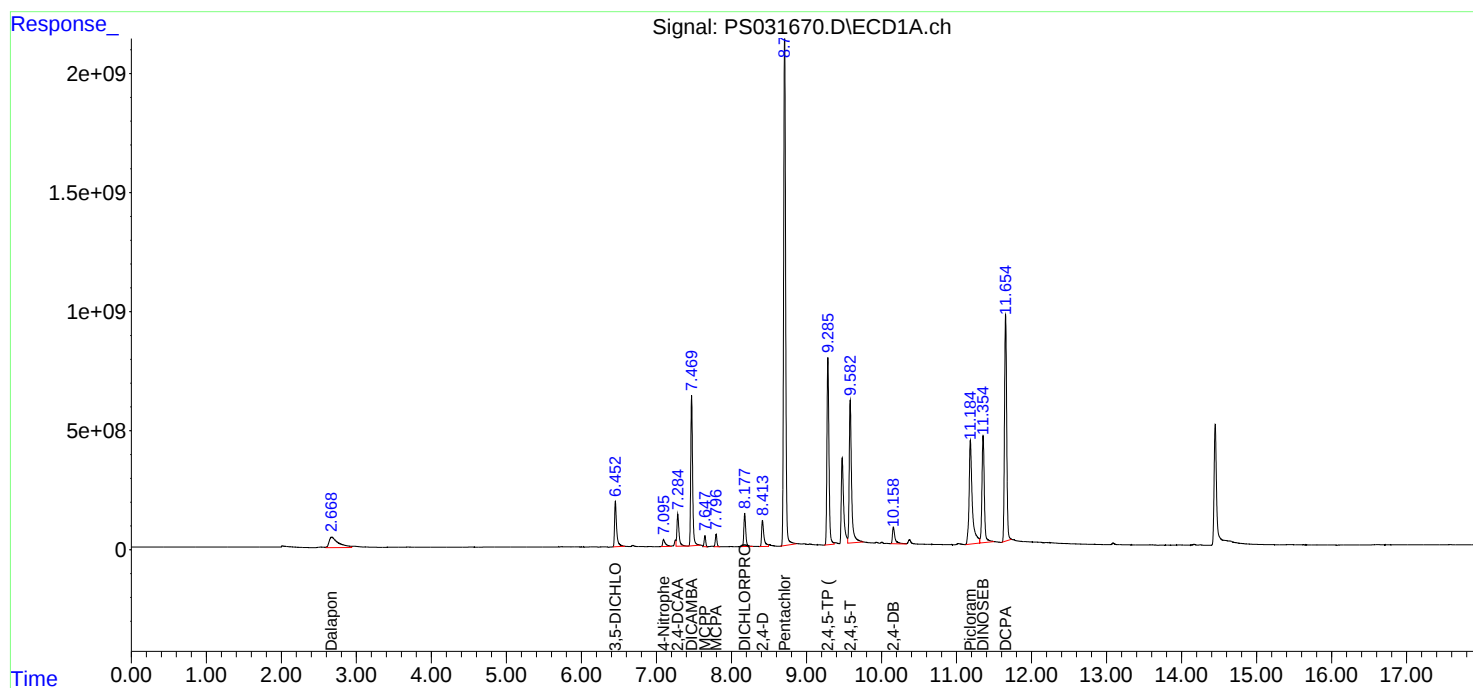
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 12:20
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 12:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 12:39:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
 Data File : PS031671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 12:44
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/10/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 13:49:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:49:21 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	7.285	7.741	3388.8E6	889.9E6	923.388	969.760
Target Compounds							
1) T	Dalapon	2.670	2.691	4981.4E6	2459.5E6	847.045	863.301
2) T	3,5-DICHL...	6.452	6.694	4672.8E6	1345.5E6	856.951	871.415
3) T	4-Nitroph...	7.092	7.286	1005.4E6	1167.2E6	928.206	957.071
5) T	DICAMBA	7.469	7.939	14111.0E6	5976.5E6	892.186	910.452
6) T	MCPD	7.648	8.037	899.8E6	191.4E6	104.238	102.208
7) T	MCPA	7.797	8.285	1079.8E6	272.1E6	99.405	98.971
8) T	DICHLORPROP	8.176	8.657	3138.0E6	1302.3E6	862.275	884.504
9) T	2,4-D	8.412	8.997	2976.9E6	1494.3E6	851.867	896.037
10) T	Pentachlo...	8.713	9.508	46784.3E6	37530.6E6	824.658	911.049
11) T	2,4,5-TP ...	9.285	9.892	18997.9E6	13825.1E6	887.198	902.578
12) T	2,4,5-T	9.580	10.320	17196.6E6	12650.1E6	932.820	930.744
13) T	2,4-DB	10.156	10.888	2250.6E6	966.0E6	977.632	887.633
14) T	DINOSEB	11.354	11.265	12980.2E6	9032.5E6	883.723	926.885
15) T	Picloram	11.180	12.382	17642.8E6	22800.5E6	992.954	964.513
16) T	DCPA	11.653	12.306	24572.8E6	22658.6E6	889.901	926.368m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 12:44
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

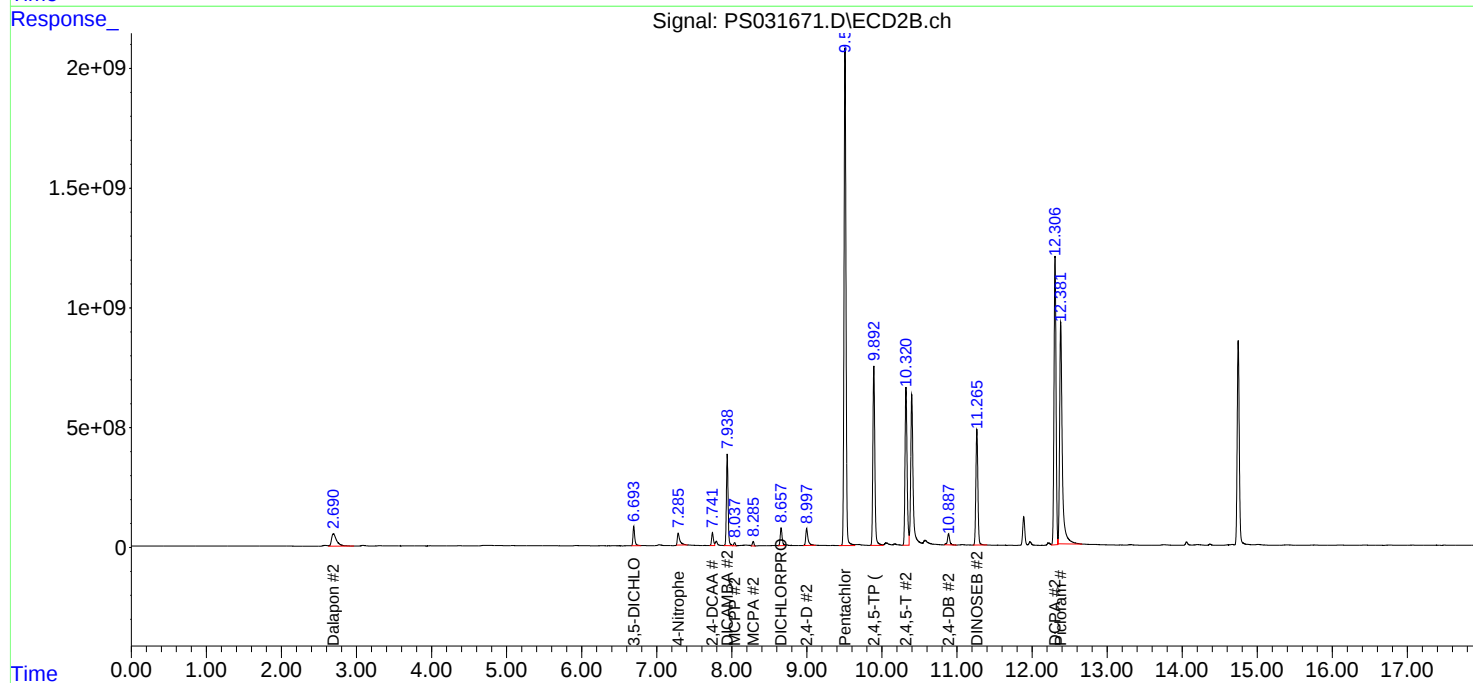
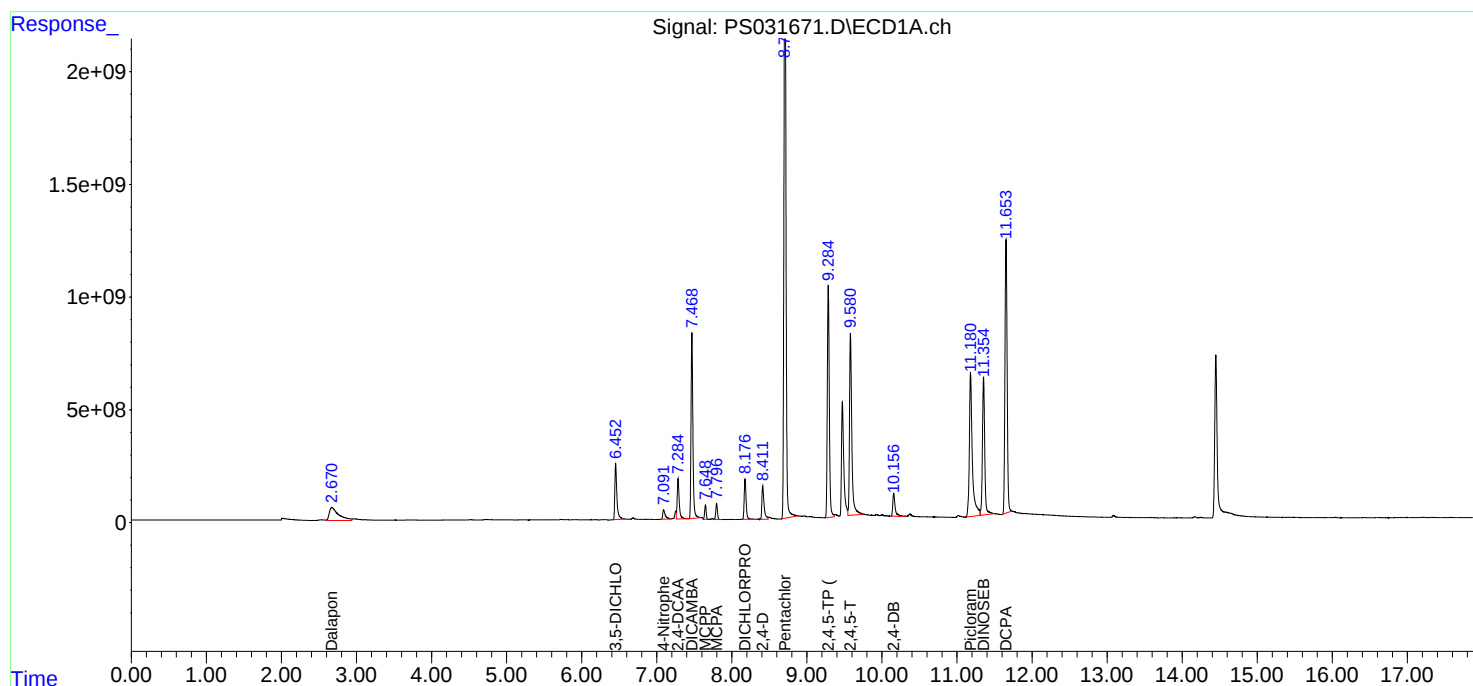
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/10/2025
Supervised By : mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 13:49:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:49:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
 Data File : PS031672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 13:08
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/10/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 13:55:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:54:57 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	7.283	7.741	4991.7E6	1310.6E6	1385.994	1441.930
Target Compounds							
1) T	Dalapon	2.671	2.692	7343.5E6	3675.2E6	1270.340	1304.360
2) T	3,5-DICHL...	6.452	6.693	6773.2E6	2020.9E6	1269.968	1325.242
3) T	4-Nitroph...	7.090	7.283	1615.4E6	1959.9E6	1464.258	1553.188m
5) T	DICAMBA	7.469	7.939	20753.6E6	8850.7E6	1330.638	1360.214
6) T	MCPD	7.651	8.040	1433.8E6	271.7E6	160.399	144.283
7) T	MCPA	7.802	8.290	1688.4E6	419.8E6	151.962	149.880
8) T	DICHLORPROP	8.176	8.657	4585.2E6	1953.9E6	1287.334	1342.808
9) T	2,4-D	8.411	8.996	4441.5E6	2192.3E6	1296.549	1332.615
10) T	Pentachlo...	8.719	9.510	54922.3E6	47983.8E6	1034.438	1208.947
11) T	2,4,5-TP ...	9.285	9.892	27381.5E6	19952.8E6	1305.517	1325.388
12) T	2,4,5-T	9.580	10.319	25294.4E6	18410.5E6	1382.345	1368.099
13) T	2,4-DB	10.154	10.887	3499.1E6	1420.8E6	1500.000	1327.803
14) T	DINOSEB	11.354	11.265	18839.3E6	13569.0E6	1306.230	1395.887
15) T	Picloram	11.178	12.380	27051.4E6	33998.6E6	1501.929	1435.553
16) T	DCPA	11.653	12.306	34988.5E6	32459.6E6	1298.279	1346.261m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031672.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 13:08
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

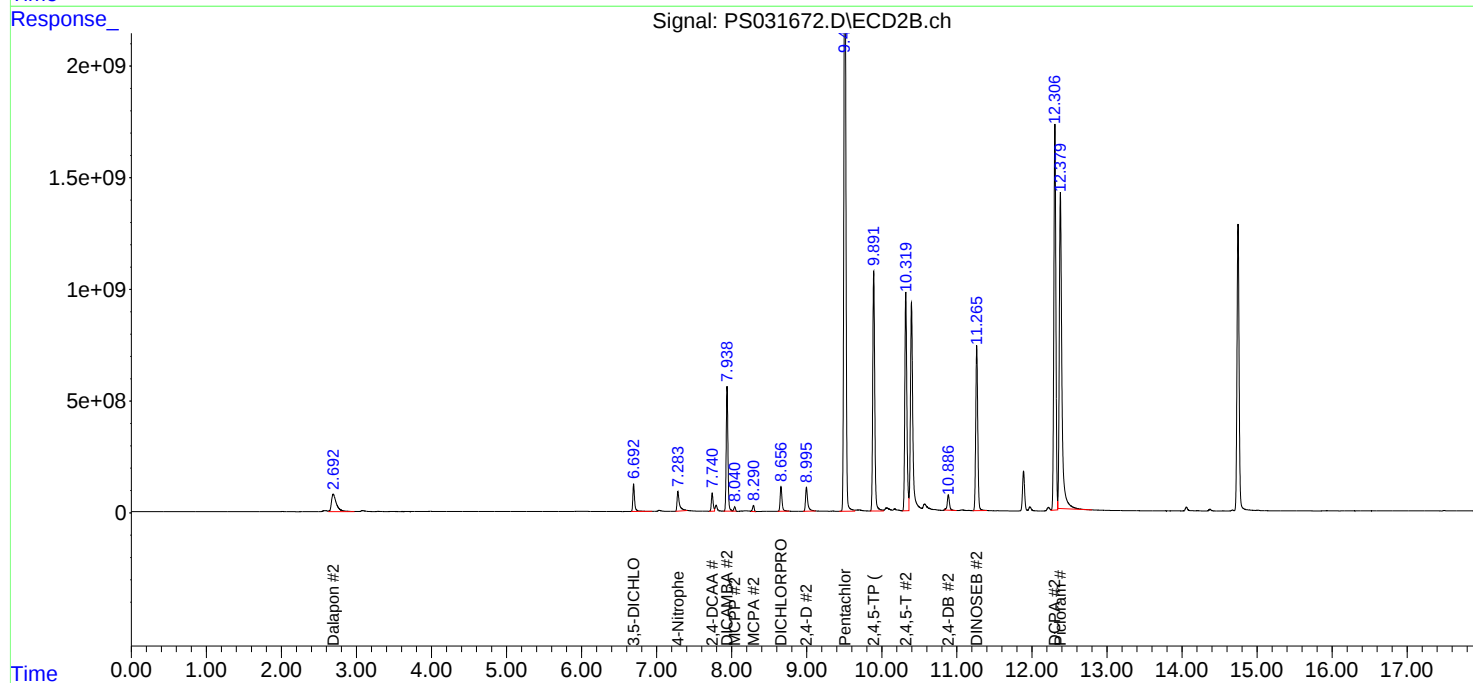
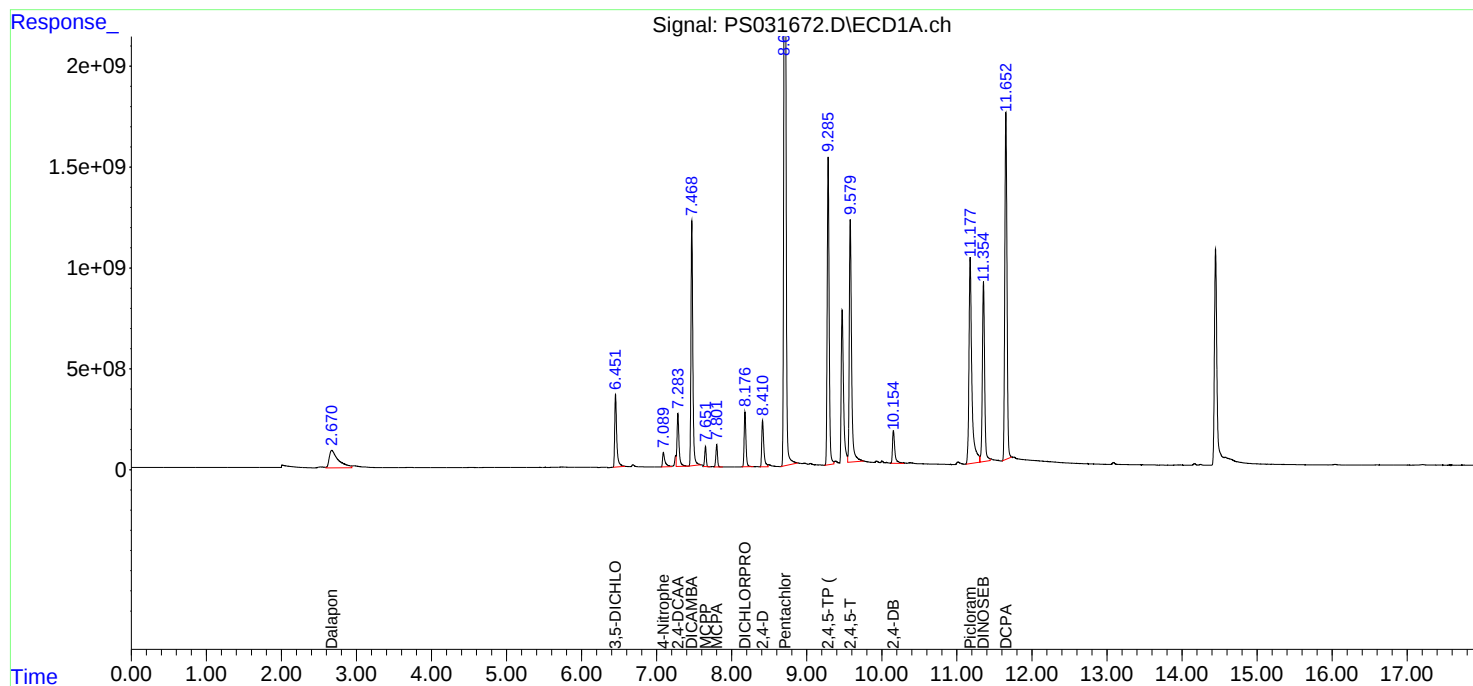
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/10/2025
Supervised By : mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 13:55:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:54:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
 Data File : PS031673.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 13:32
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS090925

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 14:01:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.285	7.743	2669.9E6	664.5E6	741.312	731.125
Target Compounds							
1) T	Dalapon	2.671	2.692	3846.0E6	1914.1E6	665.317	679.331
2) T	3,5-DICHL...	6.453	6.695	3632.5E6	1060.1E6	681.096	695.175
3) T	4-Nitroph...	7.095	7.292	796.7E6	862.9E6	722.188	683.364
5) T	DICAMBA	7.469	7.939	10969.6E6	4533.5E6	703.328	696.730
6) T	MCPD	7.648	8.036	644.8E6	143.9E6	72.131	76.416
7) T	MCPA	7.796	8.283	782.3E6	202.2E6	70.407	72.176
8) T	DICHLORPROP	8.177	8.658	2433.2E6	1029.8E6	683.159	707.724
9) T	2,4-D	8.414	9.000	2340.4E6	1133.8E6	683.202	689.196
10) T	Pentachlo...	8.709	9.509	39939.4E6	28928.7E6	752.241	728.856
11) T	2,4,5-TP ...	9.286	9.893	14806.4E6	10632.5E6	705.953	706.278
12) T	2,4,5-T	9.583	10.321	13196.2E6	9484.7E6	721.178	704.816
13) T	2,4-DB	10.157	10.890	1701.4E6	715.0E6	729.363	668.181
14) T	DINOSEB	11.354	11.265	10373.4E6	7109.8E6	719.243	731.411
15) T	Picloram	11.183	12.385	13055.3E6	17381.7E6	724.846	733.926
16) T	DCPA	11.653	12.306	19291.7E6	17437.4E6	715.835	723.422

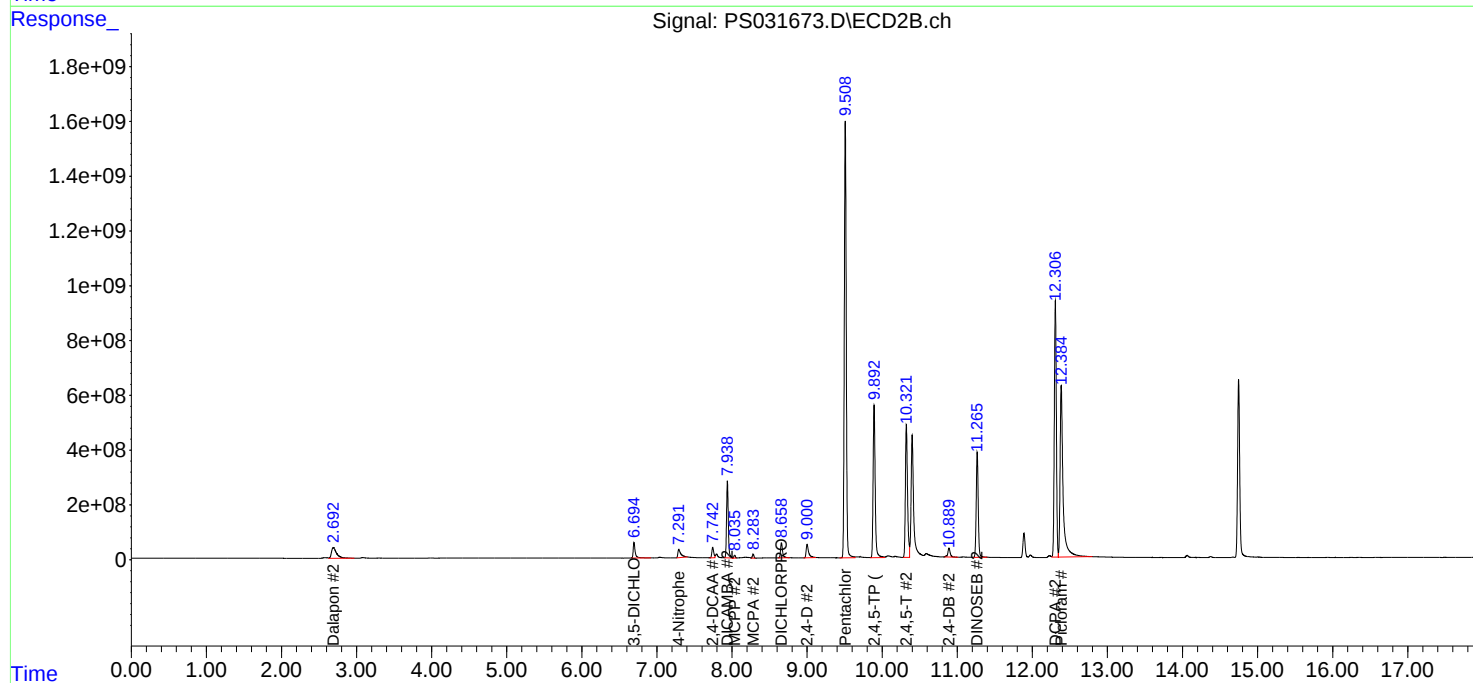
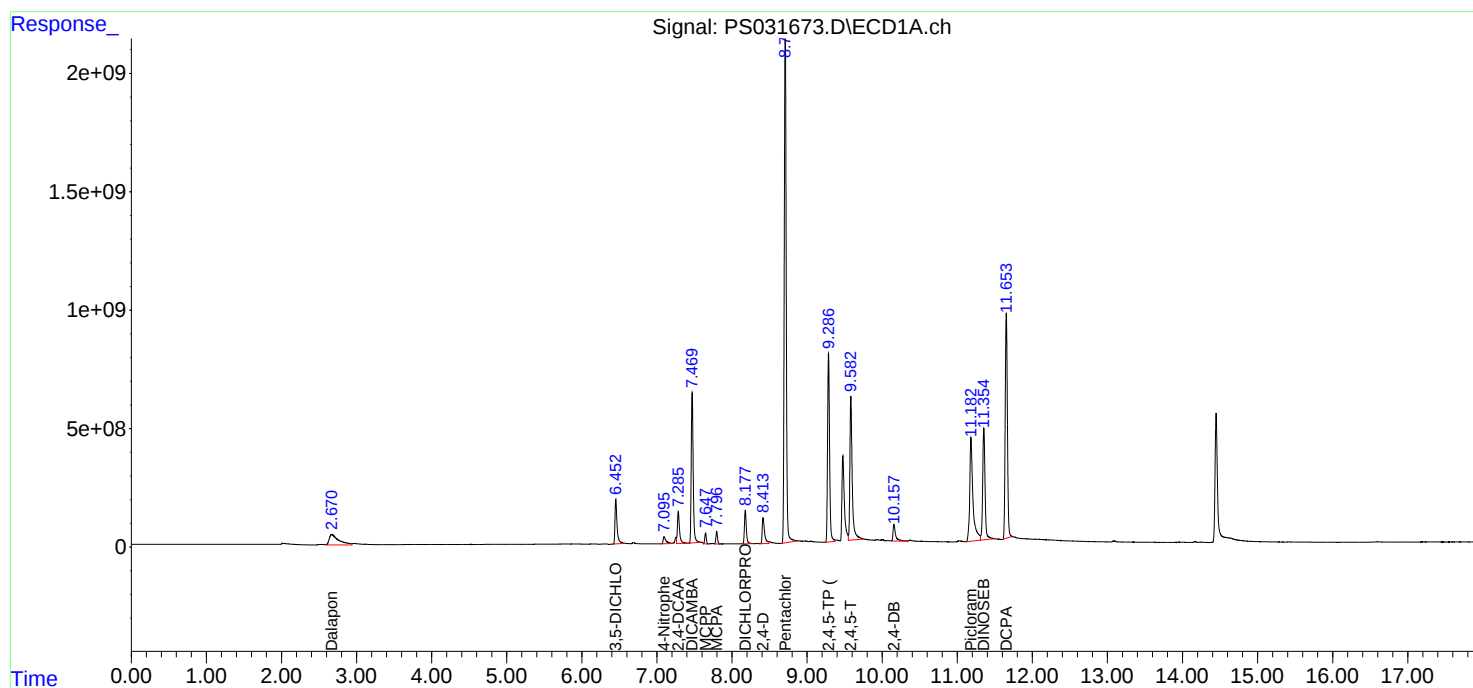
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031673.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 13:32
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ICVPS090925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 14:01:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 13:53

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 13:53

Initial Calibration Time(s): 11:32 13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.65	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031913.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.577	9.483	9.683	728.780	712.500	2.3
2,4,5-TP(Silvex)	9.280	9.185	9.385	695.950	712.500	-2.3
2,4-D	8.409	8.314	8.514	740.720	705.000	5.1
2,4-DB	10.154	10.058	10.258	723.760	712.500	1.6
2,4-DCAA	7.281	7.185	7.385	720.030	750.000	-4.0
DICAMBA	7.464	7.369	7.569	674.850	705.000	-4.3
DICHLORPROP	8.172	8.077	8.277	675.310	705.000	-4.2
Dinoseb	11.348	11.254	11.454	728.050	705.000	3.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031913.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.318	10.221	10.421	673.380	712.500	-5.5
2,4,5-TP(Silvex)	9.888	9.793	9.993	682.090	712.500	-4.3
2,4-D	8.998	8.900	9.100	660.740	705.000	-6.3
2,4-DB	10.885	10.790	10.990	620.090	712.500	-13.0
2,4-DCAA	7.740	7.643	7.843	704.240	750.000	-6.1
DICAMBA	7.935	7.839	8.039	669.390	705.000	-5.1
DICHLORPROP	8.654	8.559	8.759	693.190	705.000	-1.7
Dinoseb	11.261	11.166	11.366	736.440	705.000	4.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
 Data File : PS031913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 13:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 16:55:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.281	7.740	2593.2E6	640.1E6	720.028	704.241
Target Compounds							
1) T	Dalapon	2.668	2.688	3306.1E6	1667.6E6	571.923	591.837
2) T	3,5-DICHL...	6.449	6.693	3570.5E6	1055.4E6	669.473	692.054
3) T	4-Nitroph...	7.094	7.296	769.6E6	815.6E6	697.610	645.864m
5) T	DICAMBA	7.464	7.935	10525.5E6	4355.6E6	674.853	669.387
6) T	MCPD	7.643	8.032	622.0E6	131.4E6	69.583	69.765
7) T	MCPA	7.791	8.279	784.7E6	196.7E6	70.623	70.223
8) T	DICHLORPROP	8.172	8.654	2405.3E6	1008.6E6	675.310	693.190
9) T	2,4-D	8.409	8.998	2537.5E6	1087.0E6	740.724	660.736
10) T	Pentachlo...	8.704	9.504	40879.2E6	29387.5E6	769.943	740.415
11) T	2,4,5-TP ...	9.280	9.888	14596.7E6	10268.4E6	695.954	682.093
12) T	2,4,5-T	9.577	10.318	13335.4E6	9061.6E6	728.783	673.376
13) T	2,4-DB	10.154	10.885	1688.4E6	663.5E6	723.756	620.086m
14) T	DINOSEB	11.348	11.261	10500.4E6	7158.7E6	728.047	736.442
15) T	Picloram	11.179	12.382	12185.7E6	15198.7E6	676.567	641.749
16) T	DCPA	11.647	12.302	19609.5E6	17026.1E6	727.628	706.356

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
Data File : PS031913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

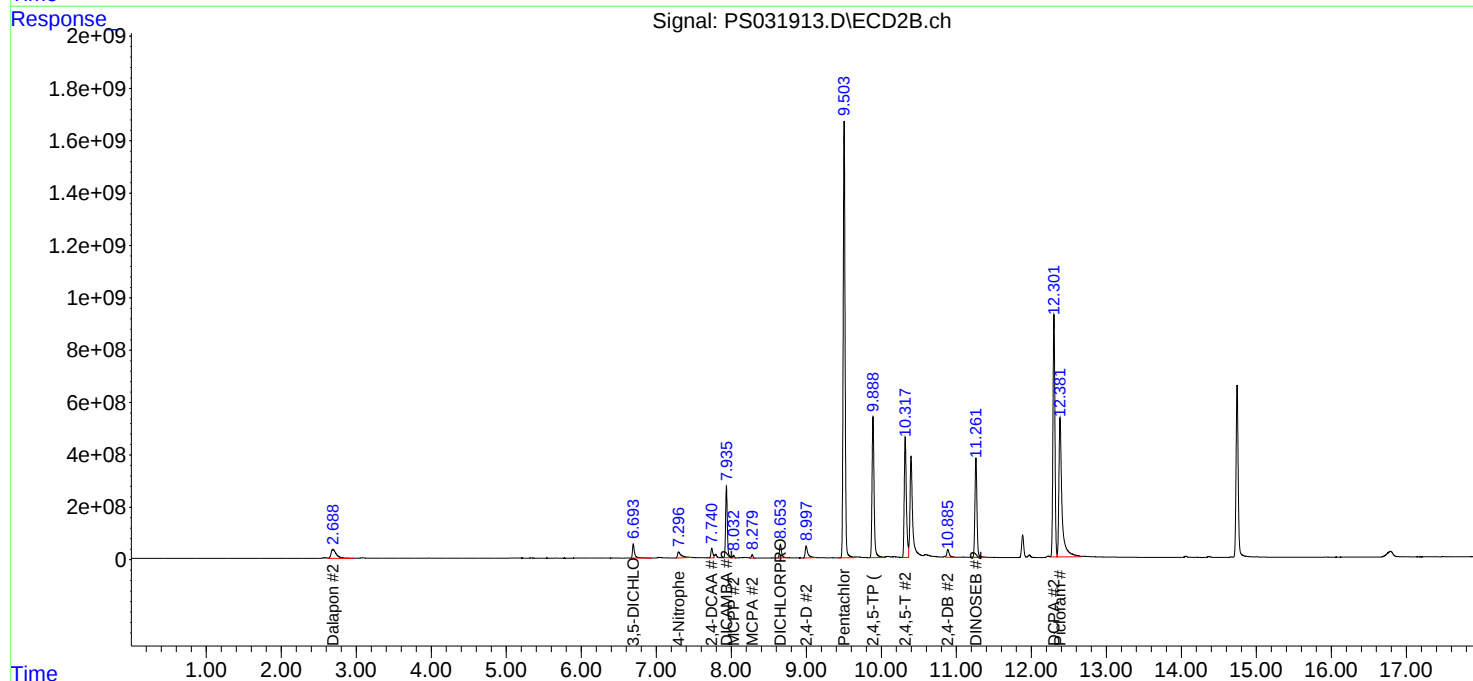
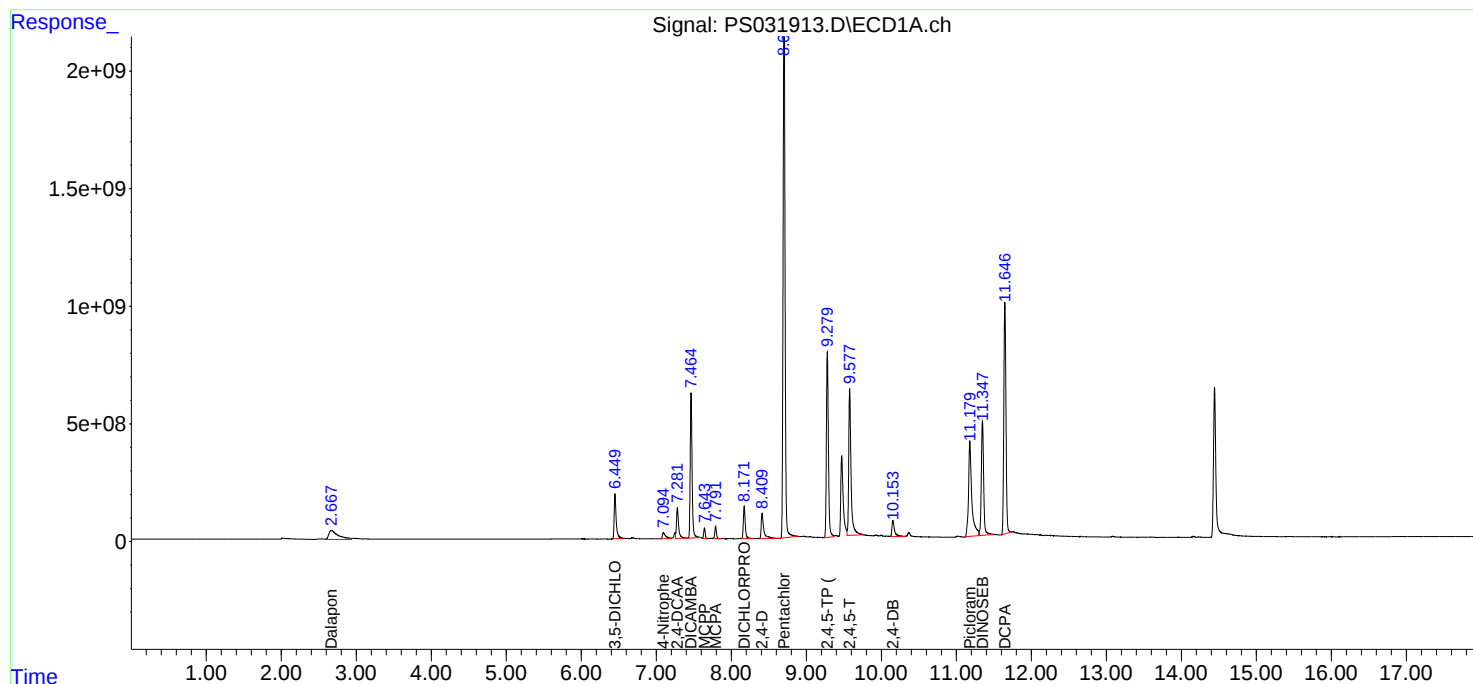
APPROVED

Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 16:55:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 18:09

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 18:09

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031918.D **Time Analyzed:** 18:09

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.576	9.483	9.683	732.220	712.500	2.8
2,4,5-TP(Silvex)	9.280	9.185	9.385	699.540	712.500	-1.8
2,4-D	8.410	8.314	8.514	756.810	705.000	7.3
2,4-DB	10.154	10.058	10.258	705.490	712.500	-1.0
2,4-DCAA	7.281	7.185	7.385	719.030	750.000	-4.1
DICAMBA	7.464	7.369	7.569	674.040	705.000	-4.4
DICHLORPROP	8.172	8.077	8.277	677.680	705.000	-3.9
Dinoseb	11.348	11.254	11.454	732.710	705.000	3.9



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031918.D **Time Analyzed:** 18:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.319	10.221	10.421	676.120	712.500	-5.1
2,4,5-TP(Silvex)	9.890	9.793	9.993	682.000	712.500	-4.3
2,4-D	8.999	8.900	9.100	662.770	705.000	-6.0
2,4-DB	10.888	10.790	10.990	614.570	712.500	-13.7
2,4-DCAA	7.742	7.643	7.843	709.240	750.000	-5.4
DICAMBA	7.937	7.839	8.039	669.700	705.000	-5.0
DICHLORPROP	8.656	8.559	8.759	665.770	705.000	-5.6
Dinoseb	11.263	11.166	11.366	735.800	705.000	4.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
 Data File : PS031918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 18:09
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:45:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.281	7.742	2589.6E6	644.6E6	719.027	709.241
Target Compounds							
1) T	Dalapon	2.665	2.689	3307.8E6	1666.1E6	572.206	591.316
2) T	3,5-DICHL...	6.449	6.694	3616.9E6	1059.7E6	678.174	694.882
3) T	4-Nitroph...	7.094	7.295	755.0E6	804.5E6	684.407	637.116m
5) T	DICAMBA	7.464	7.937	10512.8E6	4357.7E6	674.037	669.704
6) T	MCPD	7.643	8.033	636.5E6	131.7E6	71.206	69.934
7) T	MCPA	7.791	8.281	801.2E6	196.3E6	72.109	70.077
8) T	DICHLORPROP	8.172	8.656	2413.7E6	968.7E6	677.681	665.773
9) T	2,4-D	8.410	8.999	2592.6E6	1090.3E6	756.812	662.770
10) T	Pentachlo...	8.705	9.505	40775.6E6	29328.3E6	767.990	738.924
11) T	2,4,5-TP ...	9.280	9.890	14672.0E6	10267.0E6	699.542	681.999
12) T	2,4,5-T	9.576	10.319	13398.2E6	9098.6E6	732.215	676.120
13) T	2,4-DB	10.154	10.888	1645.7E6	657.6E6	705.490	614.568m
14) T	DINOSEB	11.348	11.263	10567.7E6	7152.5E6	732.712	735.804
15) T	Picloram	11.179	12.383	12232.3E6	15291.1E6	679.157	645.652
16) T	DCPA	11.647	12.303	19737.8E6	17050.8E6	732.390	707.383

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
Data File : PS031918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 18:09
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

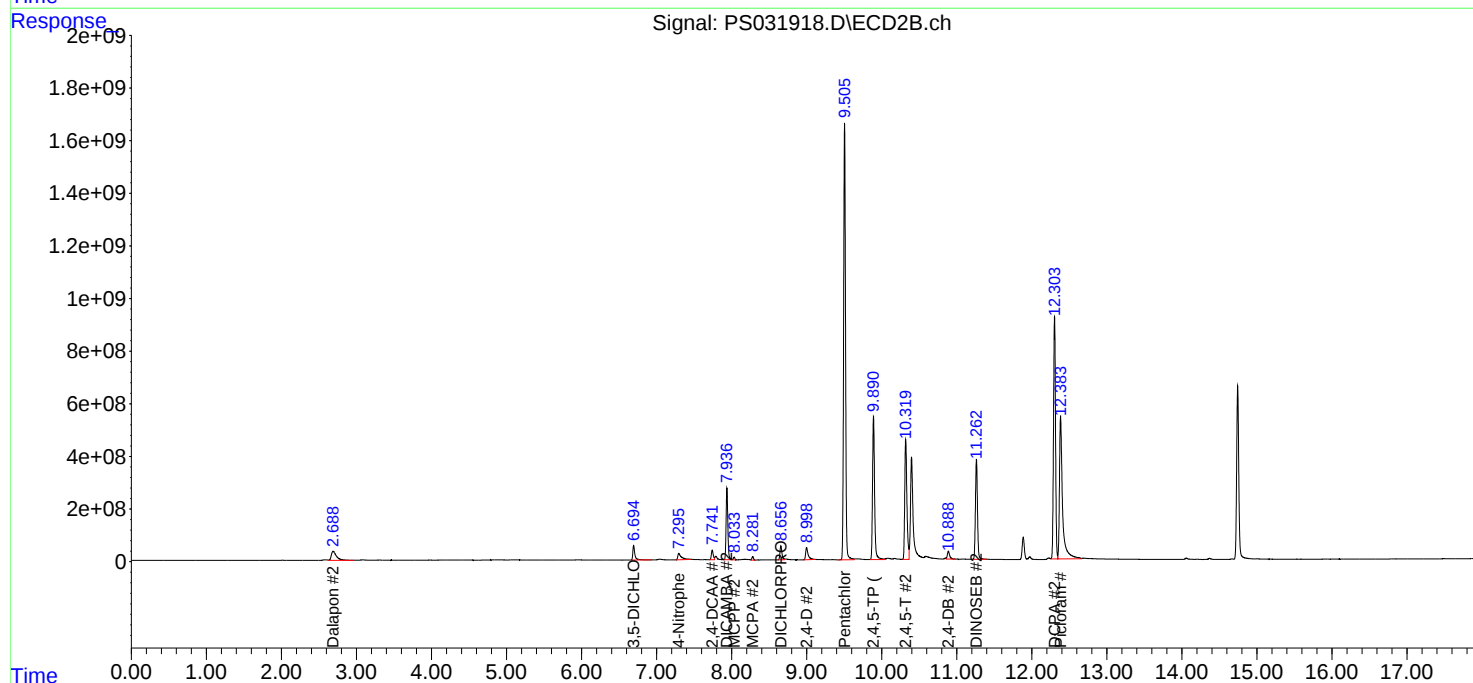
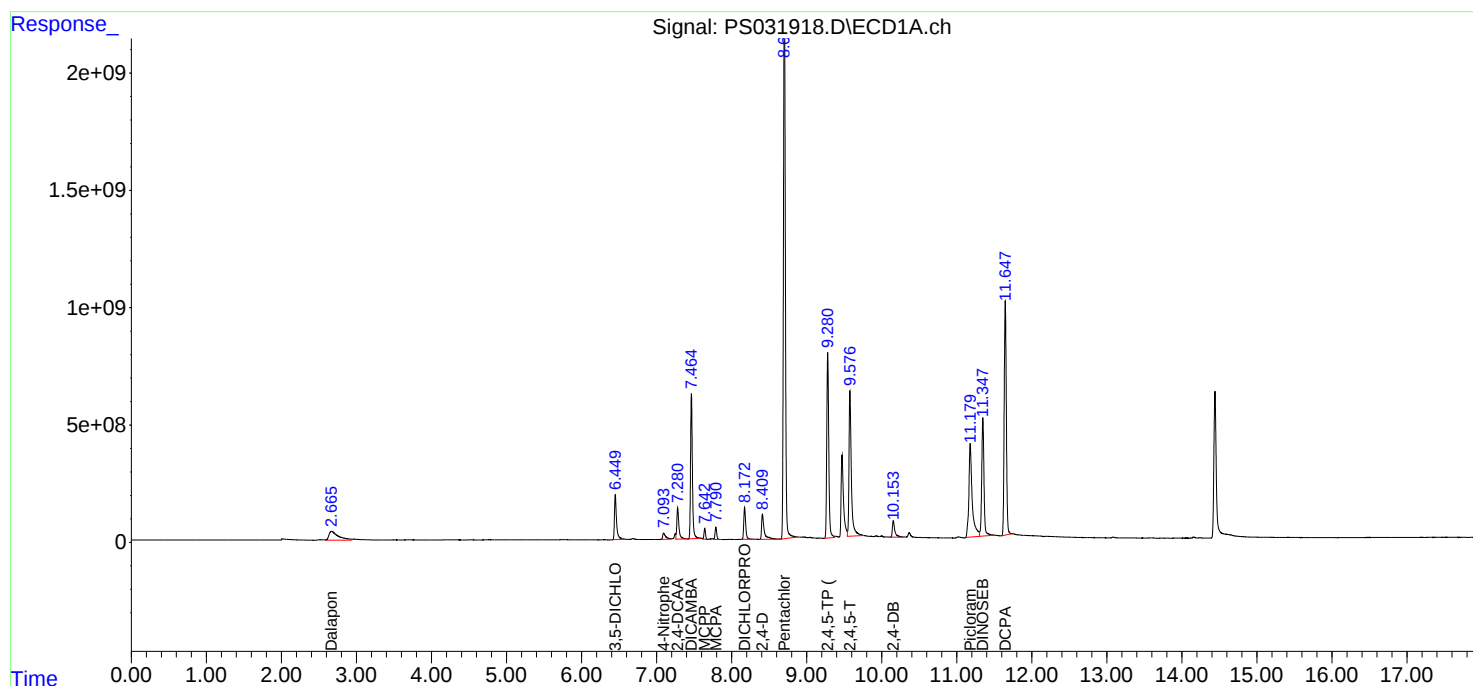
APPROVED

Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:45:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/02/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 10:52

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.34	11.35	11.25	11.45	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/02/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 10:52

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.93	7.94	7.84	8.04	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.65	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/02/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031921.D **Time Analyzed:** 10:52

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.576	9.483	9.683	704.360	712.500	-1.1
2,4,5-TP(Silvex)	9.278	9.185	9.385	688.610	712.500	-3.4
2,4-D	8.409	8.314	8.514	722.160	705.000	2.4
2,4-DB	10.152	10.058	10.258	657.830	712.500	-7.7
2,4-DCAA	7.280	7.185	7.385	683.620	750.000	-8.9
DICAMBA	7.462	7.369	7.569	666.500	705.000	-5.5
DICHLORPROP	8.171	8.077	8.277	664.430	705.000	-5.8
Dinoseb	11.344	11.254	11.454	738.320	705.000	4.7



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/02/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031921.D **Time Analyzed:** 10:52

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.317	10.221	10.421	653.360	712.500	-8.3
2,4,5-TP(Silvex)	9.887	9.793	9.993	676.510	712.500	-5.1
2,4-D	8.998	8.900	9.100	642.250	705.000	-8.9
2,4-DB	10.886	10.790	10.990	581.470	712.500	-18.4
2,4-DCAA	7.740	7.643	7.843	689.290	750.000	-8.1
DICAMBA	7.934	7.839	8.039	665.950	705.000	-5.5
DICHLORPROP	8.654	8.559	8.759	685.790	705.000	-2.7
Dinoseb	11.259	11.166	11.366	753.790	705.000	6.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
 Data File : PS031921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 10:52
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:03:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.280	7.740	2462.1E6	626.5E6	683.625m	689.294
Target Compounds							
1) T	Dalapon	2.666	2.689	3239.1E6	1665.2E6	560.332	590.977
2) T	3,5-DICHL...	6.448	6.693	3515.0E6	1052.9E6	659.055	690.451
3) T	4-Nitroph...	7.096	7.298	723.0E6	790.5E6	655.348	626.001m
5) T	DICAMBA	7.462	7.934	10395.2E6	4333.2E6	666.502	665.949
6) T	MCPD	7.640	8.031	640.0E6	135.9E6	71.593m	72.147m
7) T	MCPA	7.789	8.278	772.8E6	195.3E6	69.555	69.714
8) T	DICHLORPROP	8.171	8.654	2366.6E6	997.9E6	664.434	685.793
9) T	2,4-D	8.409	8.998	2473.9E6	1056.6E6	722.161	642.254
10) T	Pentachlo...	8.700	9.502	40441.4E6	29289.2E6	761.696	737.938
11) T	2,4,5-TP ...	9.278	9.887	14442.7E6	10184.4E6	688.610	676.510
12) T	2,4,5-T	9.576	10.317	12888.6E6	8792.3E6	704.363	653.363
13) T	2,4-DB	10.152	10.886	1534.6E6	622.2E6	657.835	581.466m
14) T	DINOSEB	11.344	11.259	10648.6E6	7327.3E6	738.321	753.789
15) T	Picloram	11.178	12.382	11013.9E6	14517.0E6	611.508	612.966
16) T	DCPA	11.643	12.299	19365.9E6	16856.6E6	718.589	699.326

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
Data File : PS031921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 10:52
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

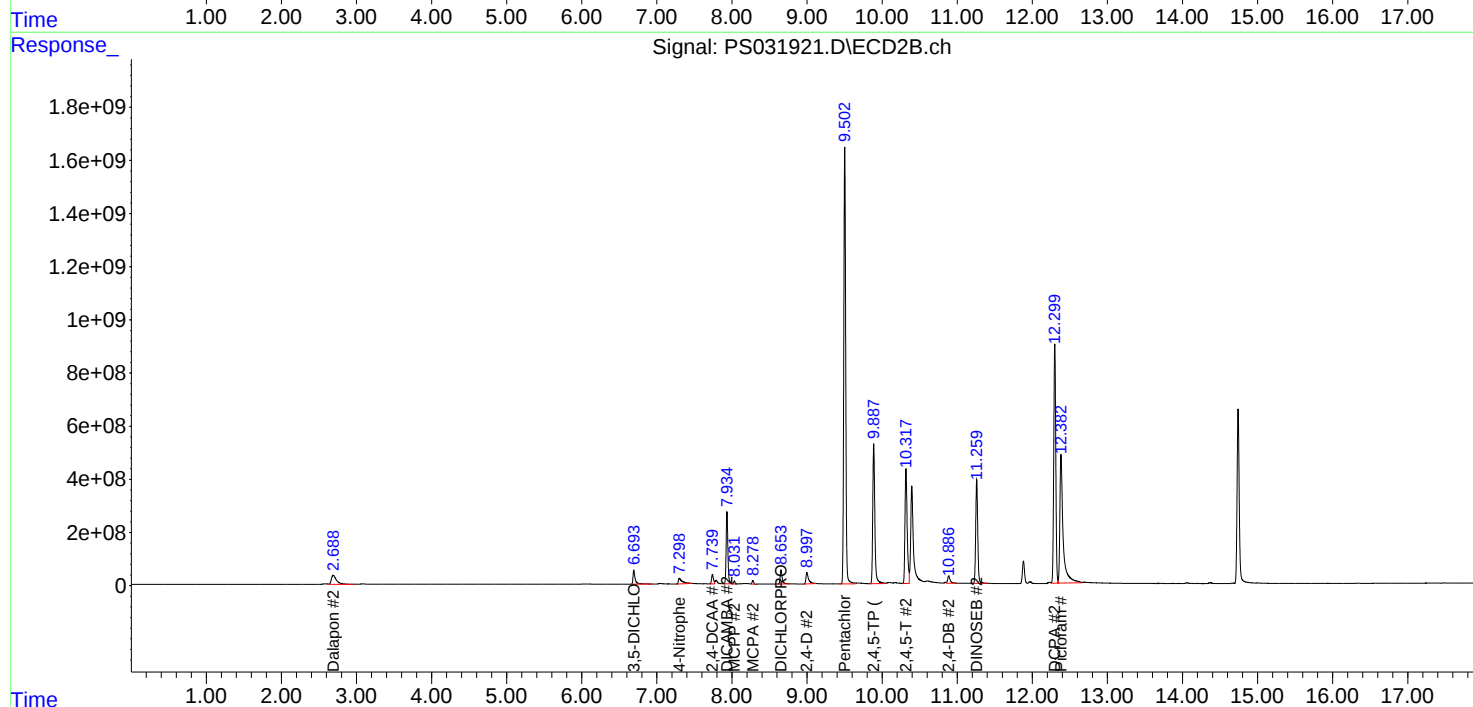
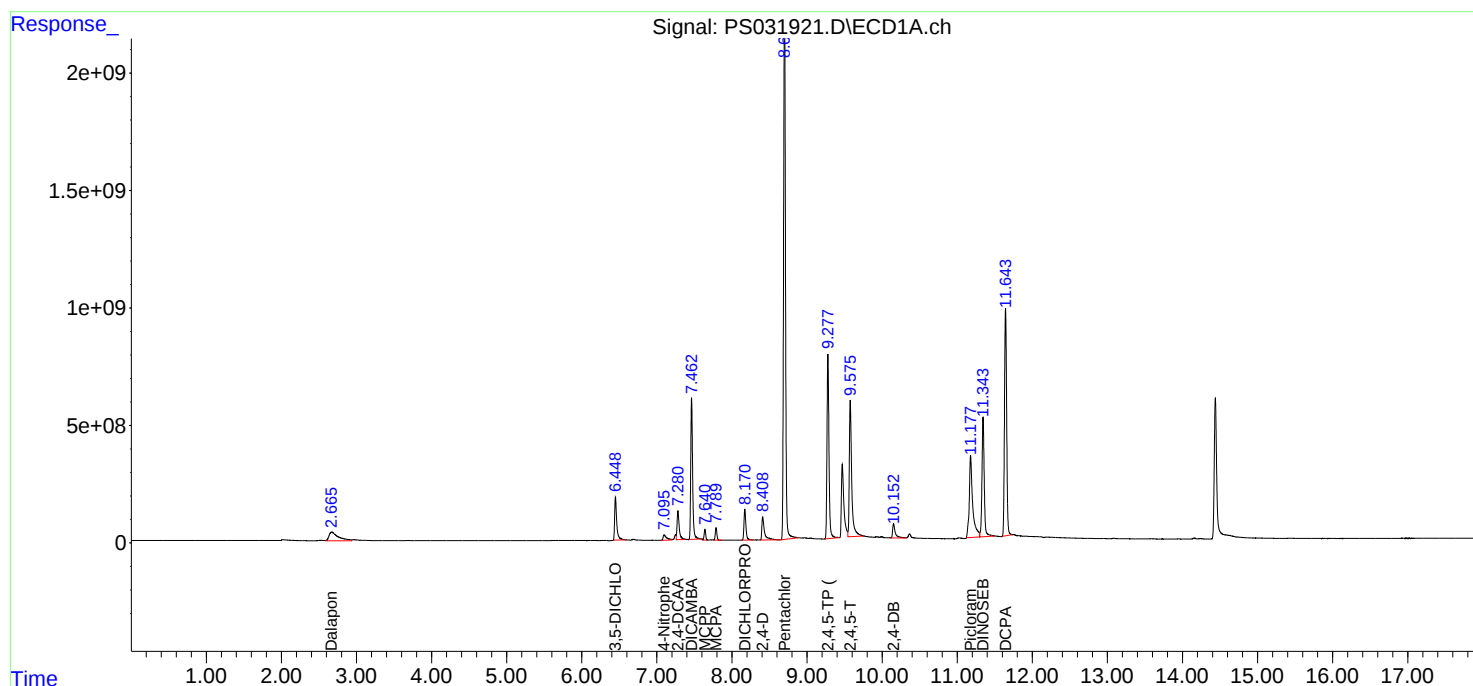
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:03:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/02/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 14:05

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.34	11.35	11.25	11.45	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/02/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 14:05

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.65	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/02/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031929.D **Time Analyzed:** 14:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.575	9.483	9.683	730.650	712.500	2.5
2,4,5-TP(Silvex)	9.278	9.185	9.385	694.880	712.500	-2.5
2,4-D	8.407	8.314	8.514	757.520	705.000	7.4
2,4-DB	10.150	10.058	10.258	748.890	712.500	5.1
2,4-DCAA	7.280	7.185	7.385	719.200	750.000	-4.1
DICAMBA	7.463	7.369	7.569	669.340	705.000	-5.1
DICHLORPROP	8.170	8.077	8.277	673.650	705.000	-4.4
Dinoseb	11.344	11.254	11.454	735.350	705.000	4.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/02/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031929.D **Time Analyzed:** 14:05

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.317	10.221	10.421	692.950	712.500	-2.7
2,4,5-TP(Silvex)	9.888	9.793	9.993	693.210	712.500	-2.7
2,4-D	8.996	8.900	9.100	678.040	705.000	-3.8
2,4-DB	10.885	10.790	10.990	590.960	712.500	-17.1
2,4-DCAA	7.739	7.643	7.843	726.000	750.000	-3.2
DICAMBA	7.935	7.839	8.039	682.080	705.000	-3.3
DICHLORPROP	8.654	8.559	8.759	679.370	705.000	-3.6
Dinoseb	11.259	11.166	11.366	759.620	705.000	7.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
 Data File : PS031929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 14:05
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:06:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.280	7.739	2590.2E6	659.9E6	719.196	725.998
Target Compounds							
1) T	Dalapon	2.666	2.689	3224.3E6	1655.6E6	557.772	587.573
2) T	3,5-DICHL...	6.448	6.693	3576.8E6	1074.4E6	670.655	704.536
3) T	4-Nitroph...	7.091	7.292	792.4E6	837.2E6	718.305	663.003m
5) T	DICAMBA	7.463	7.935	10439.5E6	4438.2E6	669.338	682.077
6) T	MCPD	7.641	8.031	618.0E6	131.2E6	69.134	69.686
7) T	MCPA	7.790	8.279	801.5E6	198.8E6	72.136	70.965
8) T	DICHLORPROP	8.170	8.654	2399.4E6	988.5E6	673.649	679.367
9) T	2,4-D	8.407	8.996	2595.0E6	1115.4E6	757.522	678.039
10) T	Pentachlo...	8.701	9.503	40796.0E6	29889.1E6	768.375	753.053
11) T	2,4,5-TP ...	9.278	9.888	14574.3E6	10435.9E6	694.883	693.213
12) T	2,4,5-T	9.575	10.317	13369.6E6	9325.0E6	730.651	692.945
13) T	2,4-DB	10.150	10.885	1747.0E6	632.4E6	748.889	590.964
14) T	DINOSEB	11.344	11.259	10605.8E6	7384.1E6	735.353	759.623
15) T	Picloram	11.175	12.380	12380.7E6	15447.6E6	687.395	652.259
16) T	DCPA	11.643	12.299	19626.2E6	17239.1E6	728.250	715.194m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
Data File : PS031929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 14:05
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

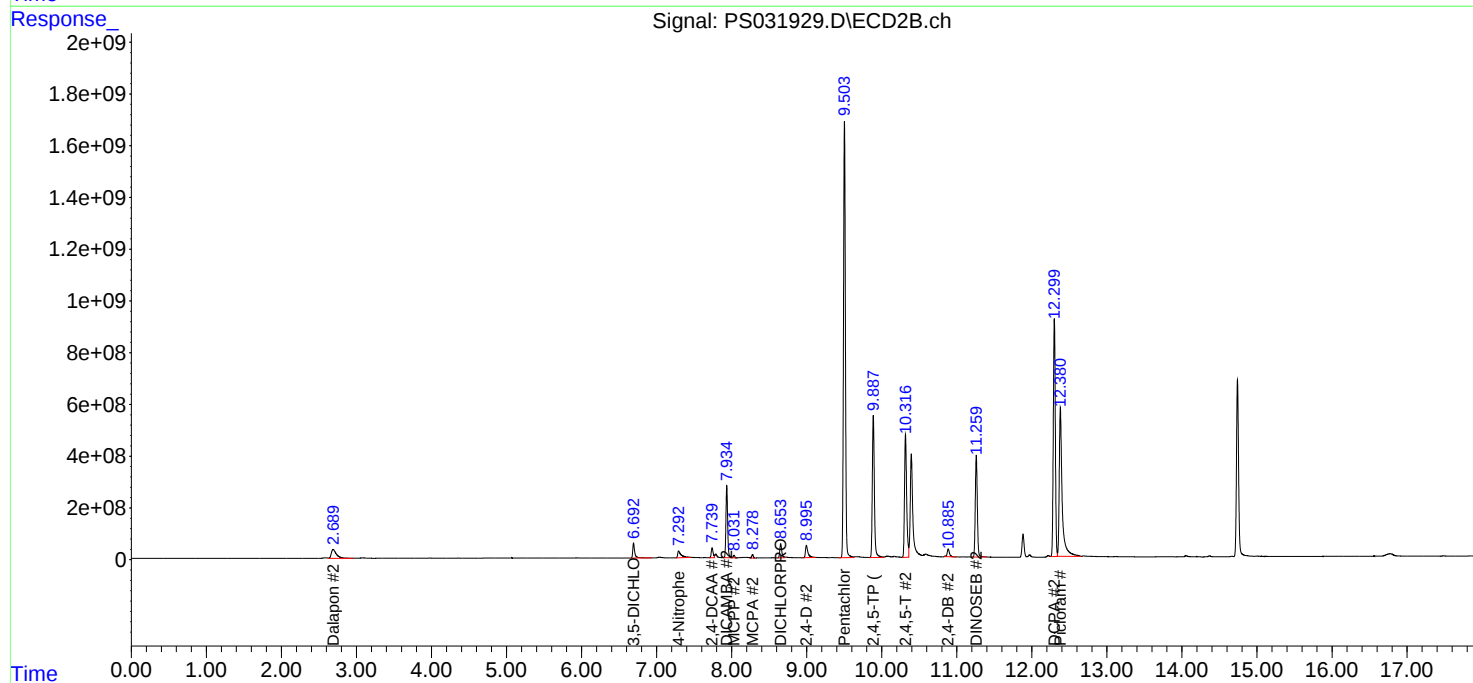
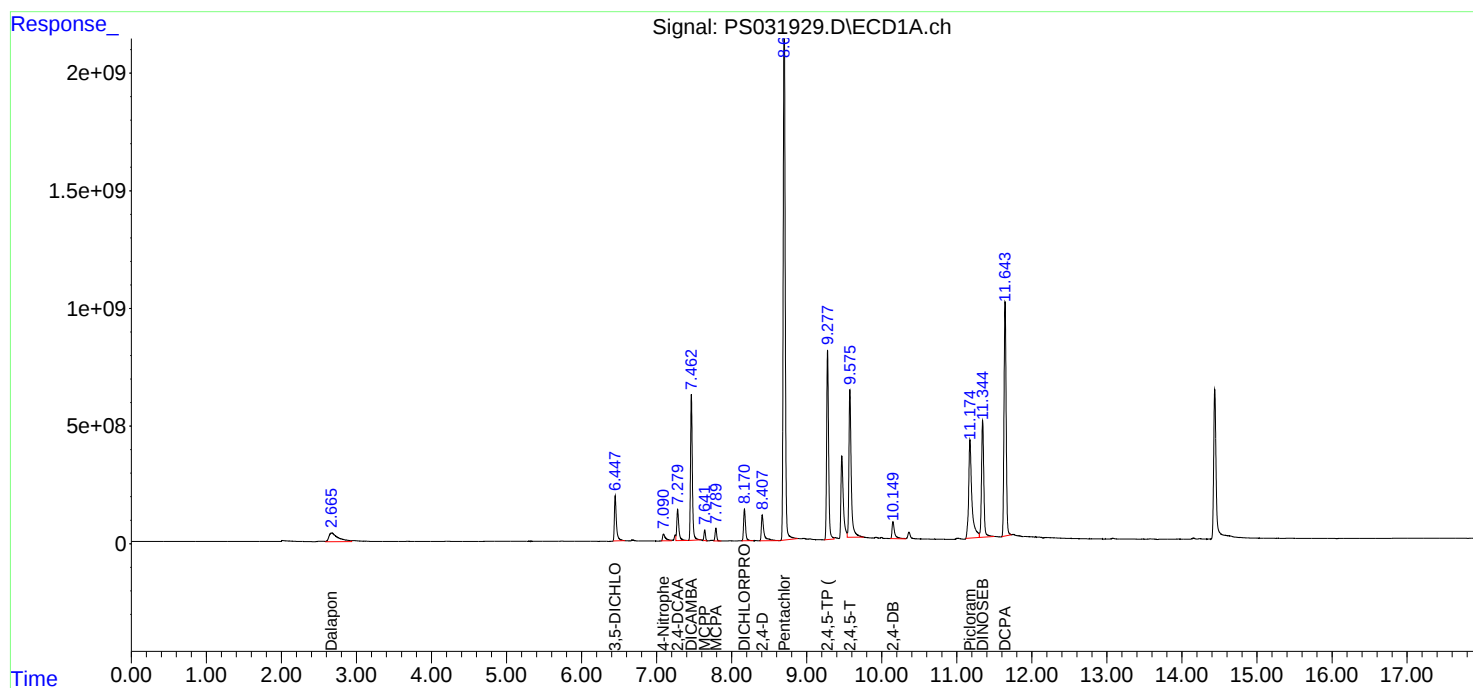
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/03/2025
Supervised By : mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:06:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/03/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 09:58

Initial Calibration Time(s): 11:32 13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/03/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 09:58

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/03/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031941.D **Time Analyzed:** 09:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.578	9.483	9.683	734.040	712.500	3.0
2,4,5-TP(Silvex)	9.279	9.185	9.385	711.950	712.500	-0.1
2,4-D	8.410	8.314	8.514	674.060	705.000	-4.4
2,4-DB	10.153	10.058	10.258	573.360	712.500	-19.5
2,4-DCAA	7.281	7.185	7.385	733.770	750.000	-2.2
DICAMBA	7.463	7.369	7.569	692.490	705.000	-1.8
DICHLORPROP	8.171	8.077	8.277	689.420	705.000	-2.2
Dinoseb	11.346	11.254	11.454	757.370	705.000	7.4



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: CAMP02
 Lab Code: ACE SDG NO.: Q3257
 GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/09/2025 09/09/2025

Client Sample No.: CCAL05 Date Analyzed: 10/03/2025
 Lab Sample No.: HSTDCCC750 Data File : PS031941.D Time Analyzed: 09:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.318	10.221	10.421	680.880	712.500	-4.4
2,4,5-TP(Silvex)	9.888	9.793	9.993	706.290	712.500	-0.9
2,4-D	8.999	8.900	9.100	666.300	705.000	-5.5
2,4-DB	10.887	10.790	10.990	580.670	712.500	-18.5
2,4-DCAA	7.741	7.643	7.843	719.490	750.000	-4.1
DICAMBA	7.936	7.839	8.039	696.580	705.000	-1.2
DICHLORPROP	8.655	8.559	8.759	713.700	705.000	1.2
Dinoseb	11.260	11.166	11.366	774.510	705.000	9.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 09:58
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:27:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.281	7.741	2642.7E6	653.9E6	733.773	719.492
Target Compounds							
1) T	Dalapon	2.667	2.690	3209.2E6	1641.3E6	555.150	582.520
2) T	3,5-DICHL...	6.449	6.694	3687.0E6	1099.4E6	691.308	720.928
3) T	4-Nitroph...	7.098	7.300	727.6E6	891.1E6	659.514	705.626m
5) T	DICAMBA	7.463	7.936	10800.6E6	4532.6E6	692.489	696.583
6) T	MCPD	7.641	8.032	636.8E6	139.3E6	71.238	73.941
7) T	MCPA	7.790	8.279	806.8E6	204.1E6	72.614	72.860
8) T	DICHLORPROP	8.171	8.655	2455.5E6	1038.5E6	689.420	713.704
9) T	2,4-D	8.410	8.999	2309.1E6	1096.1E6	674.063m	666.300
10) T	Pentachlo...	8.703	9.503	41577.6E6	30550.1E6	783.097	769.708
11) T	2,4,5-TP ...	9.279	9.888	14932.1E6	10632.7E6	711.946	706.288
12) T	2,4,5-T	9.578	10.318	13431.5E6	9162.6E6	734.035	680.877
13) T	2,4-DB	10.153	10.887	1337.5E6	621.3E6	573.361m	580.670
14) T	DINOSEB	11.346	11.260	10923.3E6	7528.7E6	757.370	774.507
15) T	Picloram	11.180	12.383	11388.2E6	15301.3E6	632.288	646.081
16) T	DCPA	11.645	12.300	20007.4E6	17587.0E6	742.392	729.627

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
Data File : PS031941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 09:58
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

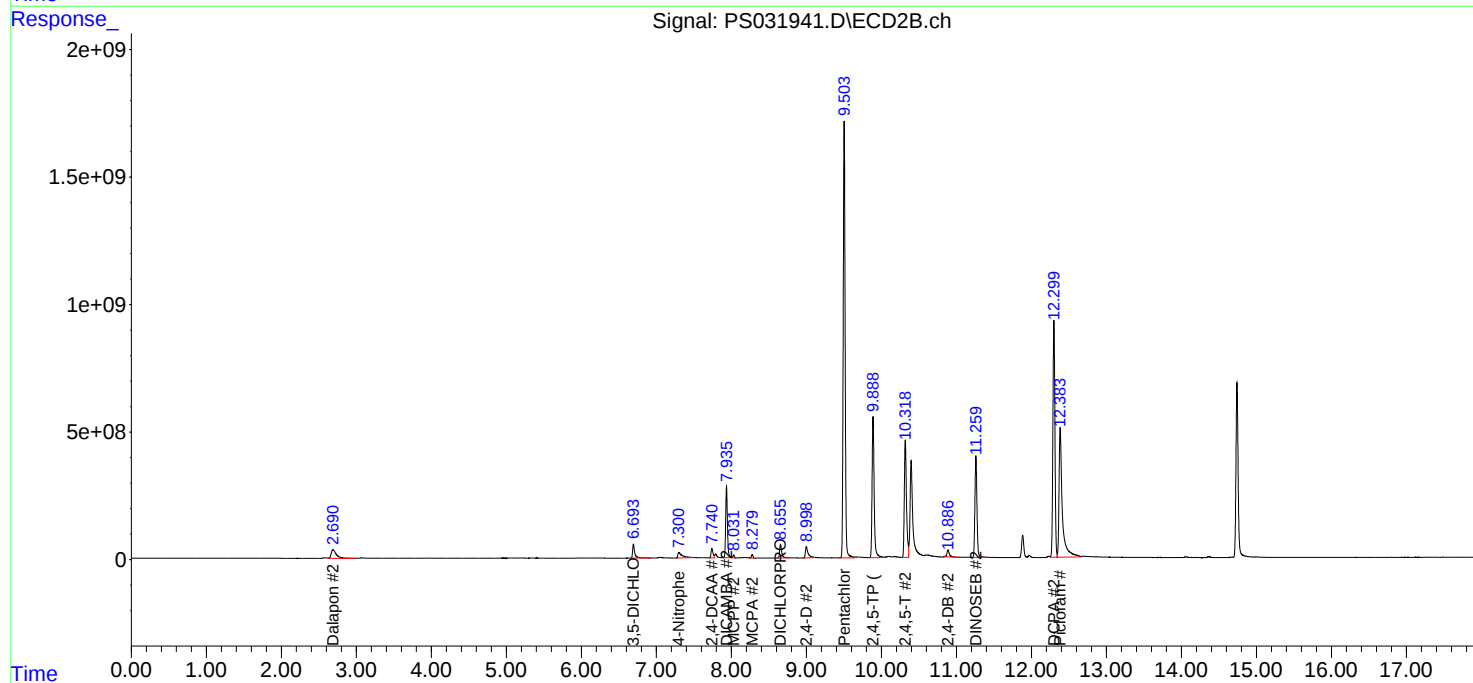
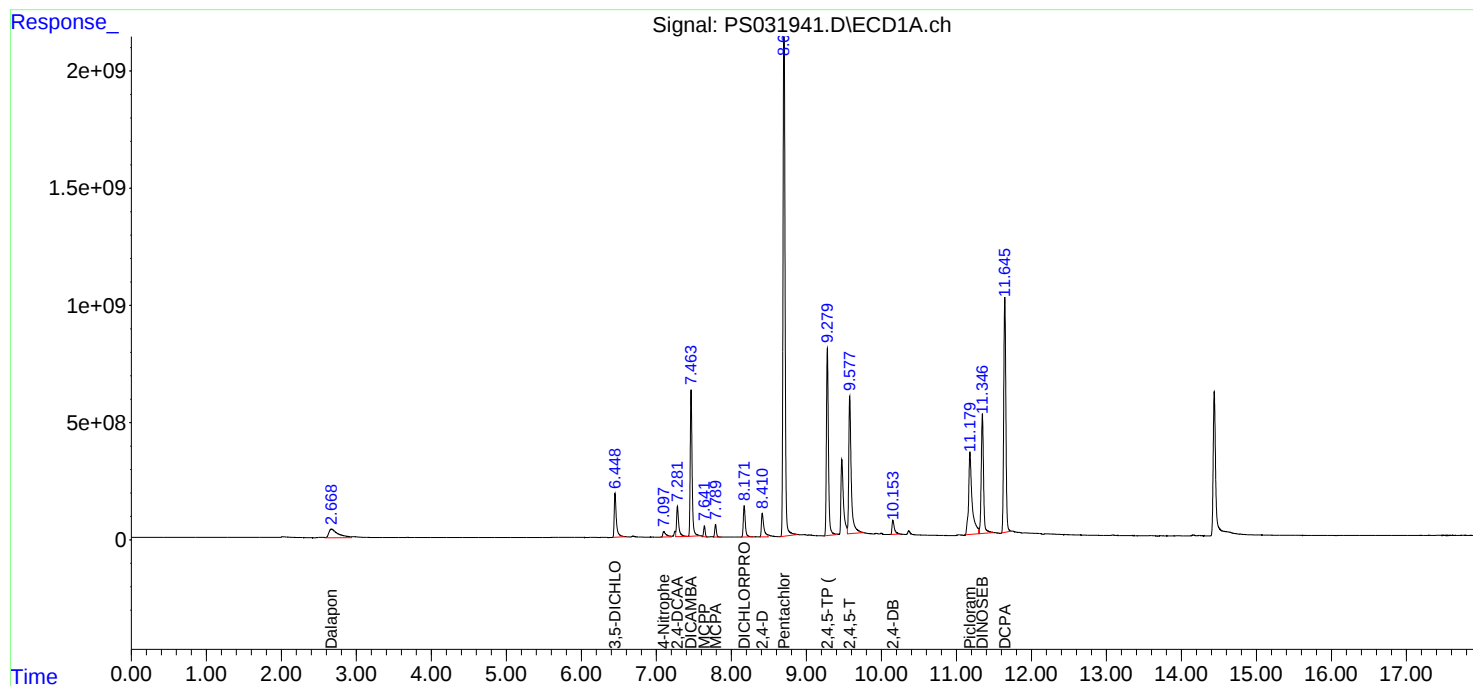
APPROVED

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:27:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/03/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 14:04

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/03/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 14:04

Initial Calibration Time(s): 11:32

13:08

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/03/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031945.D **Time Analyzed:** 14:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.577	9.483	9.683	760.220	712.500	6.7
2,4,5-TP(Silvex)	9.279	9.185	9.385	723.390	712.500	1.5
2,4-D	8.409	8.314	8.514	692.220	705.000	-1.8
2,4-DB	10.151	10.058	10.258	679.770	712.500	-4.6
2,4-DCAA	7.281	7.185	7.385	748.450	750.000	-0.2
DICAMBA	7.464	7.369	7.569	702.070	705.000	-0.4
DICHLORPROP	8.172	8.077	8.277	701.870	705.000	-0.4
Dinoseb	11.346	11.254	11.454	782.960	705.000	11.1



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/03/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031945.D **Time Analyzed:** 14:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.318	10.221	10.421	706.990	712.500	-0.8
2,4,5-TP(Silvex)	9.889	9.793	9.993	719.650	712.500	1.0
2,4-D	8.999	8.900	9.100	694.570	705.000	-1.5
2,4-DB	10.886	10.790	10.990	634.370	712.500	-11.0
2,4-DCAA	7.741	7.643	7.843	742.930	750.000	-0.9
DICAMBA	7.936	7.839	8.039	709.290	705.000	0.6
DICHLORPROP	8.655	8.559	8.759	729.060	705.000	3.4
Dinoseb	11.260	11.166	11.366	804.060	705.000	14.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 14:04
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:29:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.281	7.741	2695.6E6	675.2E6	748.452	742.928
Target Compounds							
1) T	Dalapon	2.667	2.691	3266.7E6	1674.8E6	565.104	594.390
2) T	3,5-DICHL...	6.449	6.693	3755.9E6	1077.9E6	704.221	706.866m
3) T	4-Nitroph...	7.095	7.296	794.9E6	872.7E6	720.522	691.072m
5) T	DICAMBA	7.464	7.936	10950.0E6	4615.2E6	702.072	709.290
6) T	MCPD	7.642	8.032	659.4E6	137.7E6	73.765	73.133
7) T	MCPA	7.791	8.280	830.6E6	203.0E6	74.755	72.465
8) T	DICHLORPROP	8.172	8.655	2499.9E6	1060.8E6	701.870	729.061
9) T	2,4-D	8.409	8.999	2371.3E6	1142.6E6	692.223m	694.567
10) T	Pentachlo...	8.704	9.503	41881.5E6	31024.5E6	788.819	781.660
11) T	2,4,5-TP ...	9.279	9.889	15172.3E6	10833.9E6	723.395	719.653
12) T	2,4,5-T	9.577	10.318	13910.6E6	9514.0E6	760.218	706.990
13) T	2,4-DB	10.151	10.886	1585.7E6	678.8E6	679.765m	634.374m
14) T	DINOSEB	11.346	11.260	11292.4E6	7816.1E6	782.964	804.065
15) T	Picloram	11.179	12.383	12102.0E6	15767.1E6	671.917	665.749
16) T	DCPA	11.645	12.300	20371.0E6	17894.0E6	755.883	742.363

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
Data File : PS031945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 14:04
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

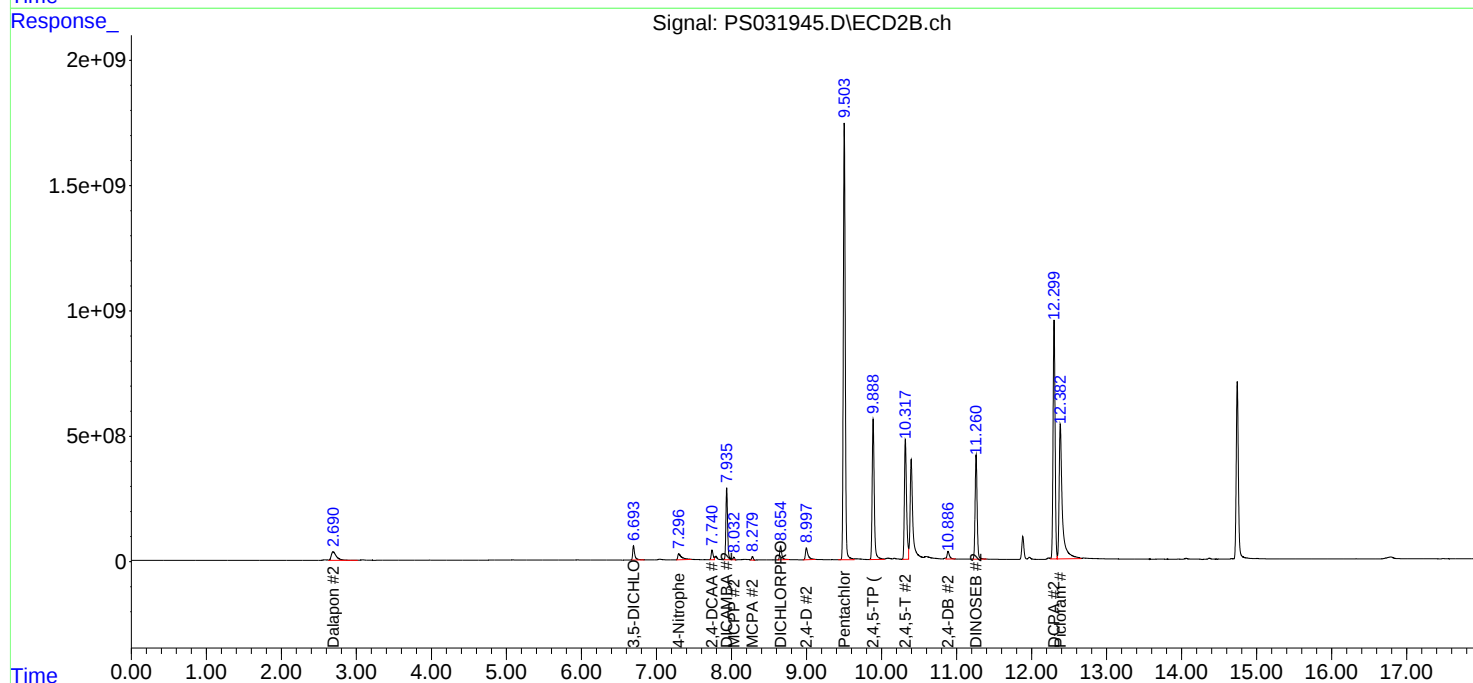
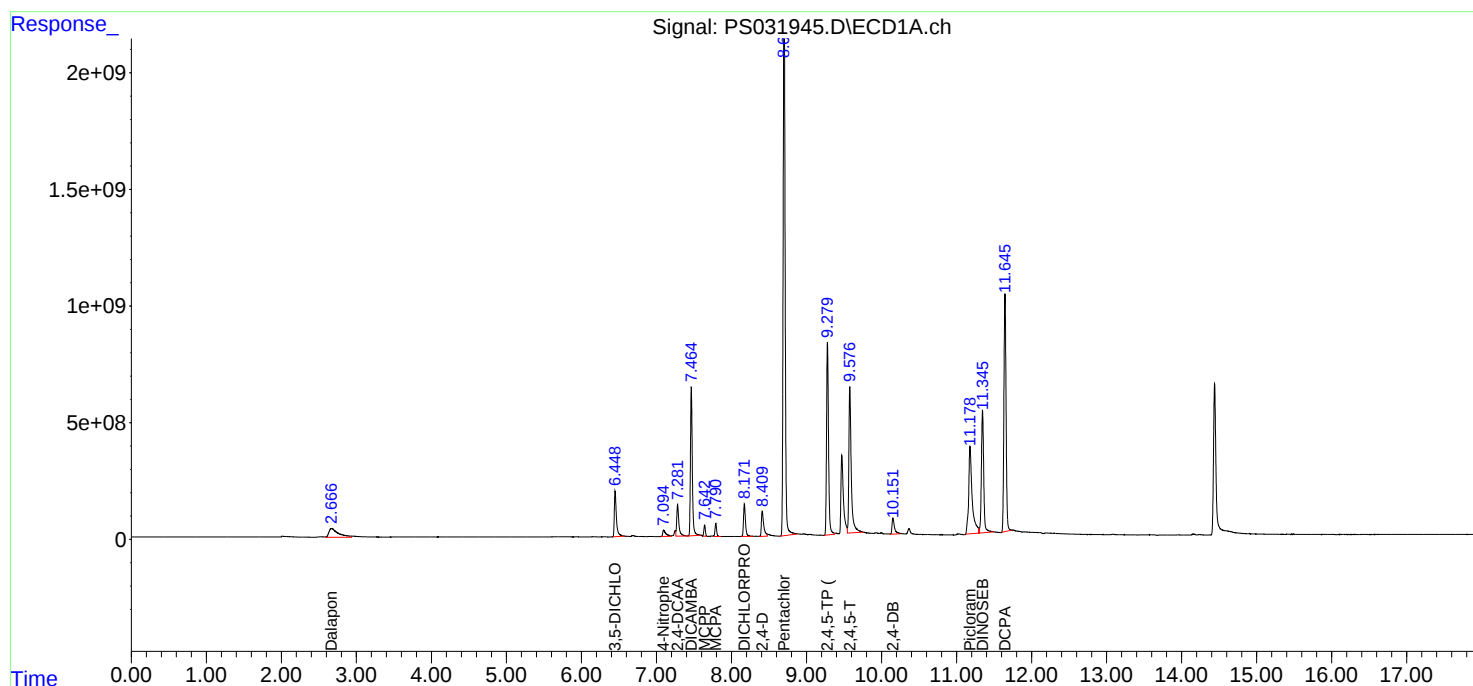
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:29:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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



Analytical Sequence

Client: CDM Smith	SDG No.: Q3257
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 09/09/2025 09/09/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	09/09/2025	11:08	PS031667.D	7.29	0.00
HSTDICC200	HSTDICC200	09/09/2025	11:32	PS031668.D	7.29	0.00
HSTDICC500	HSTDICC500	09/09/2025	11:56	PS031669.D	7.29	0.00
HSTDICC750	HSTDICC750	09/09/2025	12:20	PS031670.D	7.29	0.00
HSTDICC1000	HSTDICC1000	09/09/2025	12:44	PS031671.D	7.29	0.00
HSTDICC1500	HSTDICC1500	09/09/2025	13:08	PS031672.D	7.28	0.00
IBLK	IBLK	10/01/2025	13:29	PS031912.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/01/2025	13:53	PS031913.D	7.28	0.00
PB169931BL	PB169931BL	10/01/2025	16:56	PS031915.D	7.28	0.00
PB169931BS	PB169931BS	10/01/2025	17:20	PS031916.D	7.28	0.00
IBLK	IBLK	10/01/2025	17:45	PS031917.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/01/2025	18:09	PS031918.D	7.28	0.00
IBLK	IBLK	10/02/2025	10:28	PS031920.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/02/2025	10:52	PS031921.D	7.28	0.00
ENV1-6FT	Q3257-01	10/02/2025	12:04	PS031924.D	7.28	0.00
ENV2-6FT	Q3257-02	10/02/2025	12:28	PS031925.D	7.28	0.00
IBLK	IBLK	10/02/2025	13:41	PS031928.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/02/2025	14:05	PS031929.D	7.28	0.00
IBLK	IBLK	10/03/2025	09:34	PS031940.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/03/2025	09:58	PS031941.D	7.28	0.00
ENV2-6FTMS	Q3257-02MS	10/03/2025	12:25	PS031942.D	7.28	0.00
ENV2-6FTMSD	Q3257-02MSD	10/03/2025	13:16	PS031943.D	7.28	0.00
IBLK	IBLK	10/03/2025	13:40	PS031944.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/03/2025	14:04	PS031945.D	7.28	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q3257
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/09/2025 09/09/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	09/09/2025	11:08	PS031667.D	7.75	0.00
HSTDICC200	HSTDICC200	09/09/2025	11:32	PS031668.D	7.75	0.00
HSTDICC500	HSTDICC500	09/09/2025	11:56	PS031669.D	7.74	0.00
HSTDICC750	HSTDICC750	09/09/2025	12:20	PS031670.D	7.74	0.00
HSTDICC1000	HSTDICC1000	09/09/2025	12:44	PS031671.D	7.74	0.00
HSTDICC1500	HSTDICC1500	09/09/2025	13:08	PS031672.D	7.74	0.00
IBLK	IBLK	10/01/2025	13:29	PS031912.D	7.74	0.00
HSTDCCC750	HSTDCCC750	10/01/2025	13:53	PS031913.D	7.74	0.00
PB169931BL	PB169931BL	10/01/2025	16:56	PS031915.D	7.74	0.00
PB169931BS	PB169931BS	10/01/2025	17:20	PS031916.D	7.74	0.00
IBLK	IBLK	10/01/2025	17:45	PS031917.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/01/2025	18:09	PS031918.D	7.74	0.00
IBLK	IBLK	10/02/2025	10:28	PS031920.D	7.74	0.00
HSTDCCC750	HSTDCCC750	10/02/2025	10:52	PS031921.D	7.74	0.00
ENV1-6FT	Q3257-01	10/02/2025	12:04	PS031924.D	7.74	0.00
ENV2-6FT	Q3257-02	10/02/2025	12:28	PS031925.D	7.74	0.00
IBLK	IBLK	10/02/2025	13:41	PS031928.D	7.74	0.00
HSTDCCC750	HSTDCCC750	10/02/2025	14:05	PS031929.D	7.74	0.00
IBLK	IBLK	10/03/2025	09:34	PS031940.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/03/2025	09:58	PS031941.D	7.74	0.00
ENV2-6FTMS	Q3257-02MS	10/03/2025	12:25	PS031942.D	7.73	0.00
ENV2-6FTMSD	Q3257-02MSD	10/03/2025	13:16	PS031943.D	7.73	0.00
IBLK	IBLK	10/03/2025	13:40	PS031944.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/03/2025	14:04	PS031945.D	7.74	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: Q3257-02MS

Date(s) Analyzed: 10/03/2025 10/03/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
DICHLORPROP	1	8.17	8.12	8.22	88.2	12.1
	2	8.65	8.60	8.70	78.1	
2,4-D	1	8.42	8.37	8.47	56.3	12.8
	2	8.99	8.94	9.04	64.0	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	69.6	28.9
	2	9.89	9.84	9.94	93.1	
2,4,5-T	1	9.58	9.53	9.63	62.2	15.4
	2	10.32	10.27	10.37	72.6	
2,4-DB	1	10.16	10.11	10.21	67.3	21
	2	10.89	10.84	10.94	54.5	
Dinoseb	1	11.35	11.30	11.40	45.4	29.5
	2	11.26	11.21	11.31	61.1	
DICAMBA	1	7.46	7.41	7.51	61.6	20.3
	2	7.93	7.88	7.98	75.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: Q3257-02MSD

Date(s) Analyzed: 10/03/2025 10/03/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
DICAMBA	1	7.46	7.41	7.51	61.4	19.9
	2	7.93	7.88	7.98	75.0	
DICHLORPROP	1	8.17	8.12	8.22	84.8	8.2
	2	8.65	8.60	8.70	78.1	
2,4-D	1	8.42	8.37	8.47	62.1	15.2
	2	9.00	8.95	9.05	72.3	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	69.6	29.1
	2	9.89	9.84	9.94	93.3	
2,4,5-T	1	9.58	9.53	9.63	63.8	12.6
	2	10.32	10.27	10.37	72.4	
2,4-DB	1	10.16	10.11	10.21	61.4	14.9
	2	10.89	10.84	10.94	52.9	
Dinoseb	1	11.35	11.30	11.40	44.1	25.9
	2	11.26	11.21	11.31	57.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169931BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: PB169931BS

Date(s) Analyzed: 10/01/2025 10/01/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-T	1	9.58	9.53	9.63	186	10.8
	2	10.32	10.27	10.37	167	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	180	4
	2	9.89	9.84	9.94	173	
2,4-D	1	8.41	8.36	8.46	197	16.5
	2	9.00	8.95	9.05	167	
2,4-DB	1	10.16	10.11	10.21	179	18.3
	2	10.89	10.84	10.94	149	
DICHLORPROP	1	8.17	8.12	8.22	175	1.7
	2	8.66	8.61	8.71	178	
Dinoseb	1	11.35	11.30	11.40	189	1.1
	2	11.26	11.21	11.31	187	
DICAMBA	1	7.47	7.42	7.52	172	2.4
	2	7.94	7.89	7.99	168	



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169931BL	SDG No.:	Q3257
Lab Sample ID:	PB169931BL	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
PS031915.D	1	10/01/25 09:05	10/01/25 16:56	PB169931

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	499		10 - 141	100%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
Data File : PS031915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 16:56
Operator : AR\AJ
Sample : PB169931BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169931BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:44:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.282	7.739	1533.7E6	453.8E6	425.843	499.253

Target Compounds

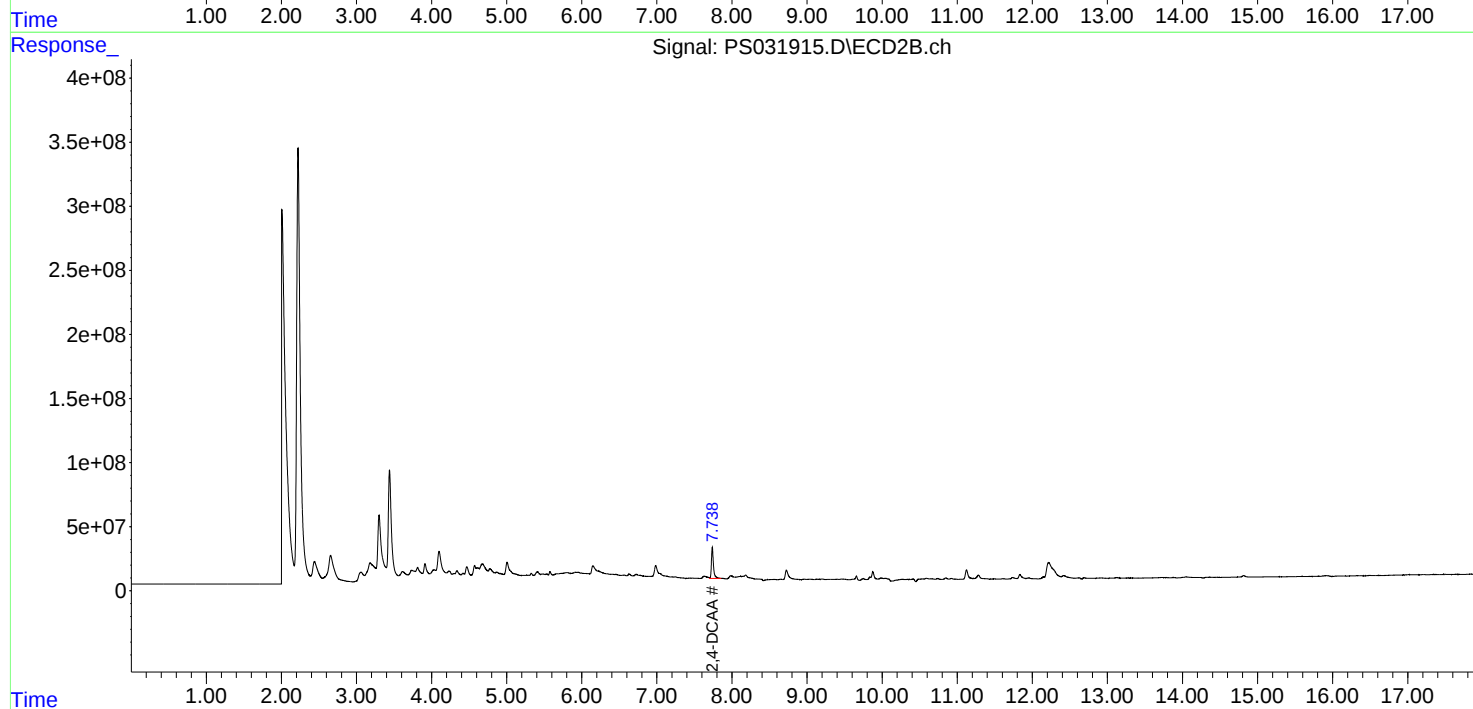
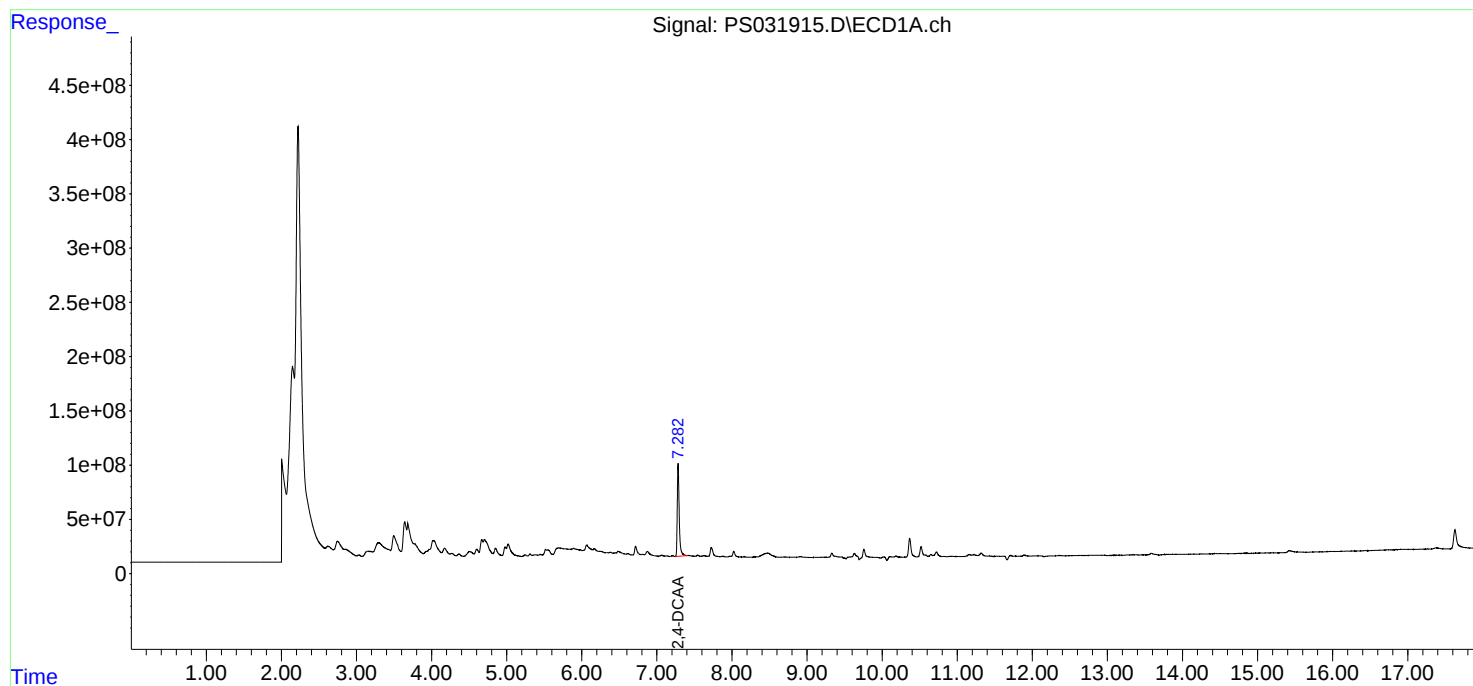
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
Data File : PS031915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 16:56
Operator : AR\AJ
Sample : PB169931BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169931BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:44:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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



Response_

Signal: PS031915.D\ECD1A.ch

#4 2,4-DCAA

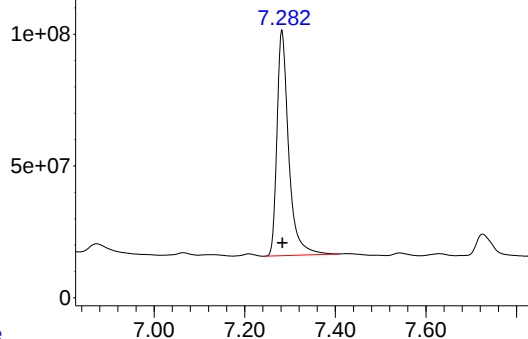
R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 1533686485
Conc: 425.84 ng/ml

Instrument :

ECD_S

ClientSampleId :

PB169931BL



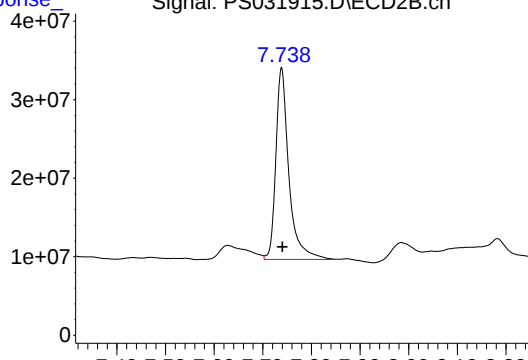
Time

Response

Signal: PS031915.D\ECD2B.ch

#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 453770365
Conc: 499.25 ng/ml



Time

Report of Analysis

Client:	CDM Smith	Date Collected:	09/09/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/09/25
Client Sample ID:	PIBLK-PS031667.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031667.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031667.D	1		09/09/25	Ps090925

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	525		61 - 136	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 11:08
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: Sep 09 13:57:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.288	7.747	1603.7E6	477.2E6	445.295	525.021

Target Compounds

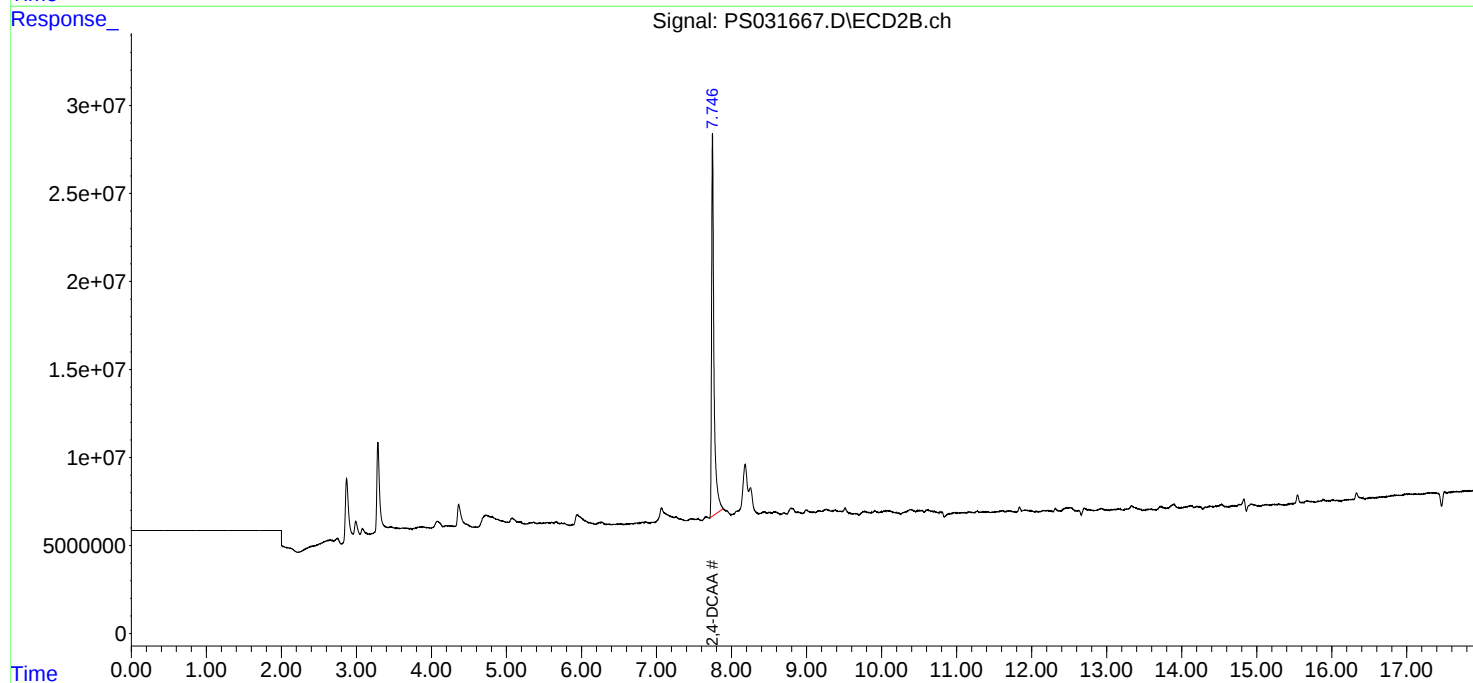
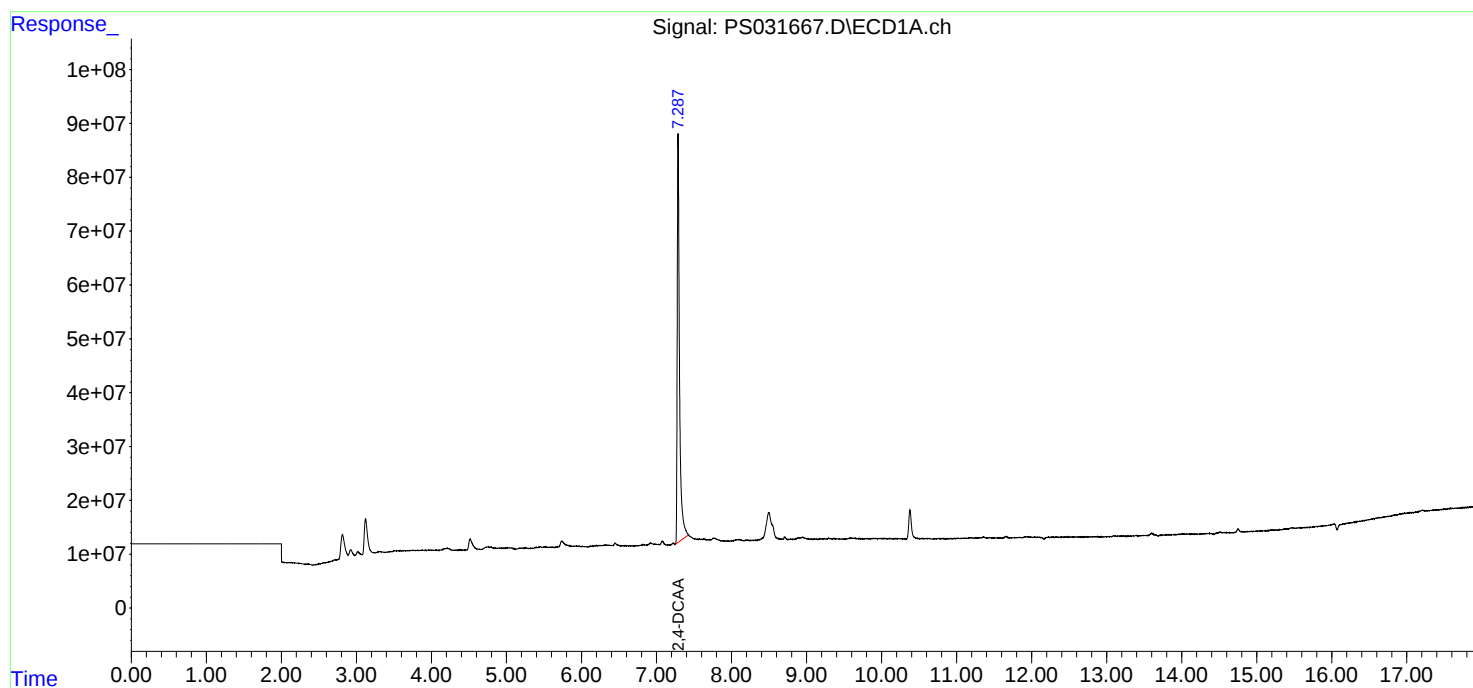
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

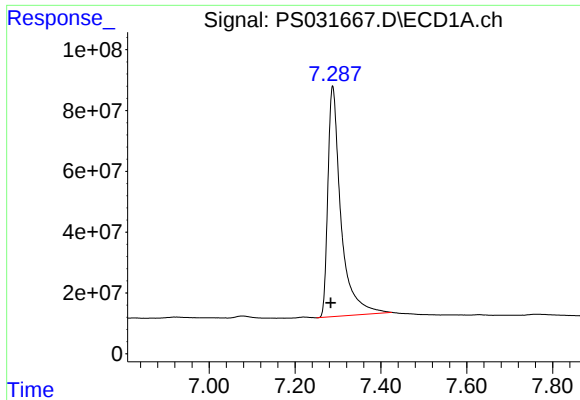
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 11:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 13:57:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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

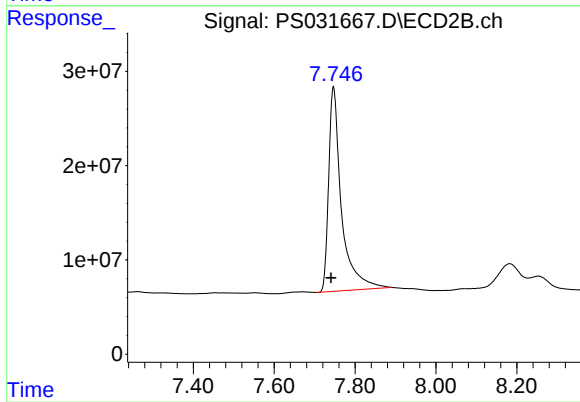




#4 2,4-DCAA

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 1603740300
Conc: 445.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: 0.006 min
Response: 477190885
Conc: 525.02 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PS031912.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031912.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031912.D	1		10/01/25	Ps100125

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	540		61 - 136	108%	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\PS100125\
Data File : PS031912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:29
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: Oct 01 16:54:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.283	7.739	1686.6E6	491.1E6	468.304	540.329

Target Compounds

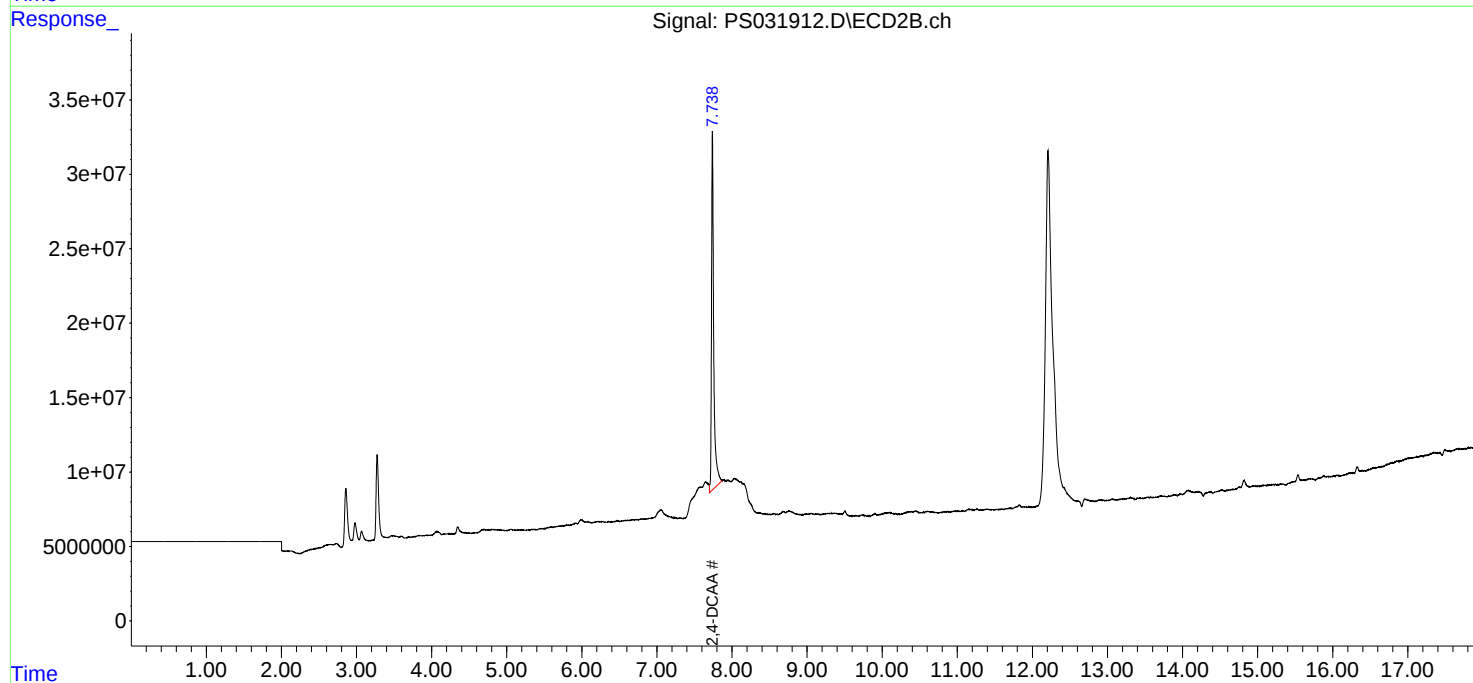
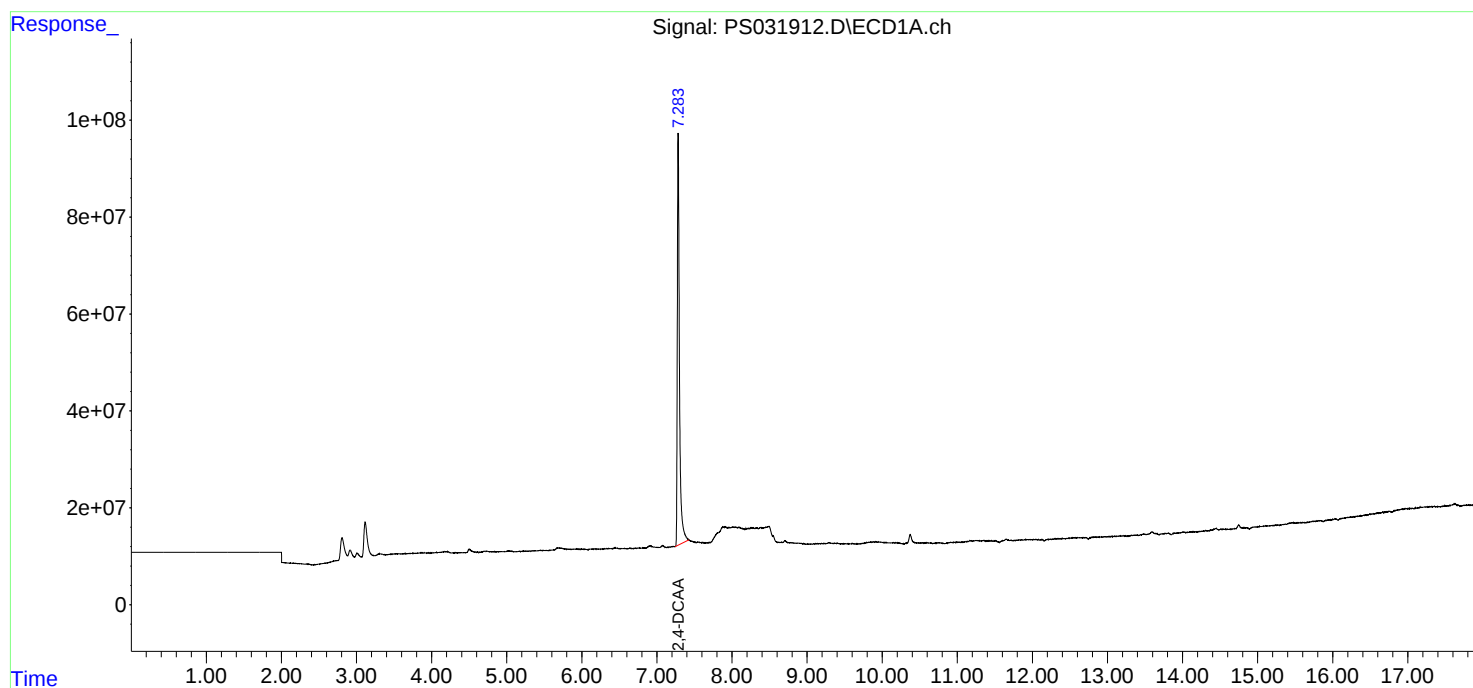
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

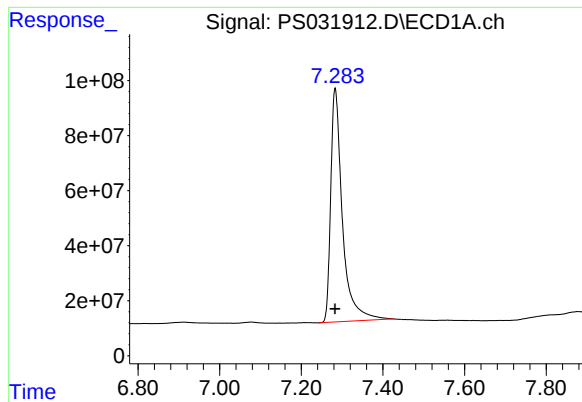
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
Data File : PS031912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:29
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 16:54:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#4 2,4-DCAA

R.T.: 7.283 min

Delta R.T.: 0.000 min

Response: 1686608142

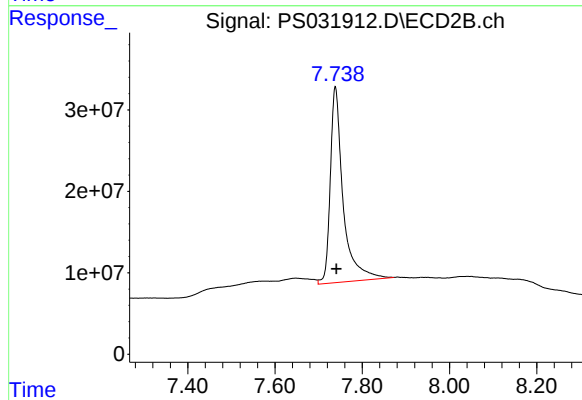
Conc: 468.30 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.739 min

Delta R.T.: -0.002 min

Response: 491104574

Conc: 540.33 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PS031917.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031917.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031917.D	1		10/01/25	PS100125

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	523		61 - 136	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
Data File : PS031917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 17:45
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: Oct 03 01:45:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.284	7.746	1660.0E6	475.3E6	460.907	522.955

Target Compounds

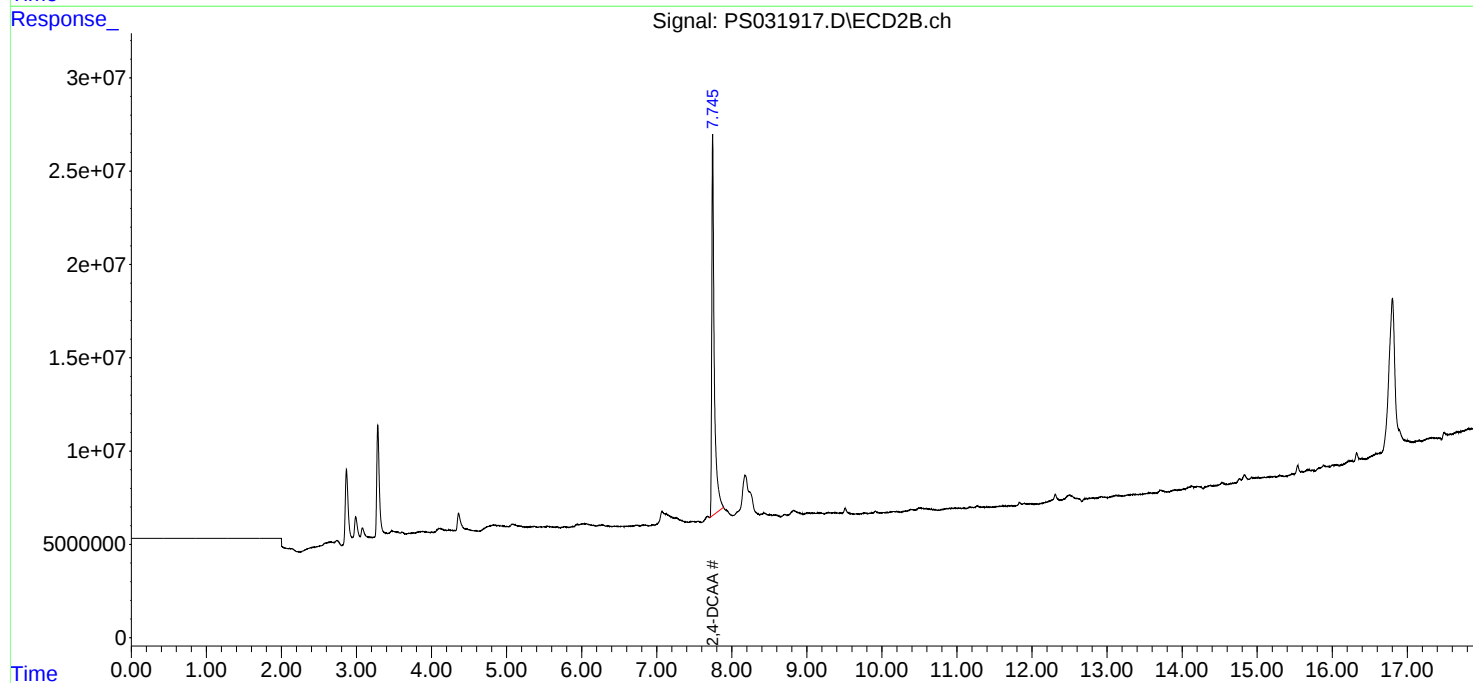
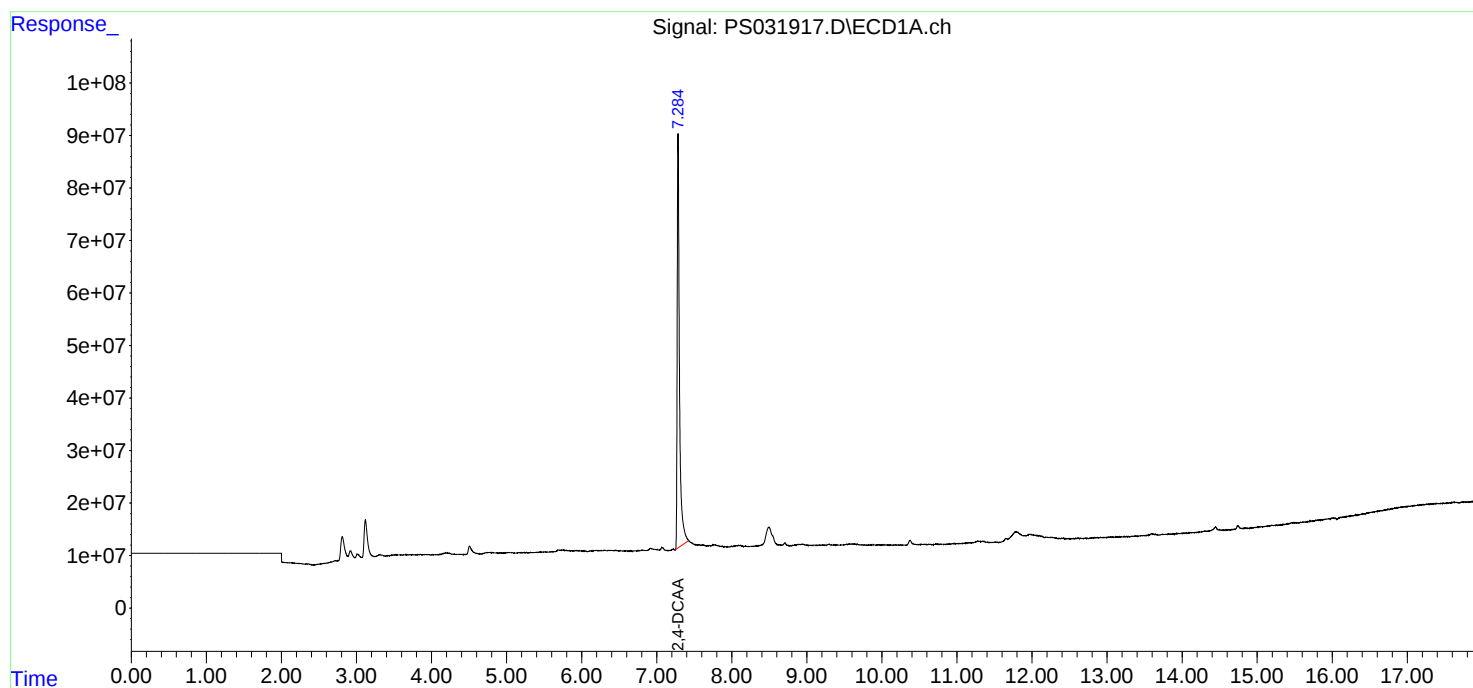
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

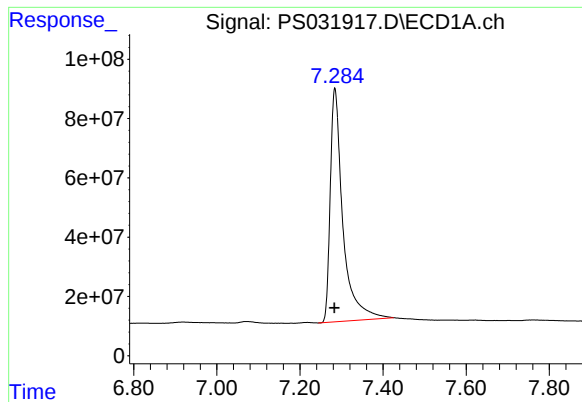
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
Data File : PS031917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 17:45
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:45:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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

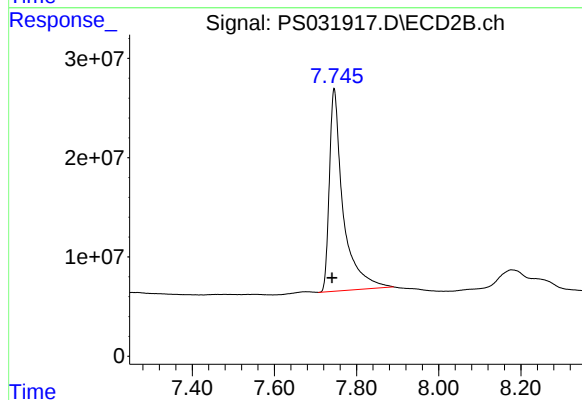




#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.001 min
Response: 1659968010
Conc: 460.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 475313339
Conc: 522.95 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PS031920.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031920.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031920.D	1		10/02/25	PS100225

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	512		61 - 136	102%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
Data File : PS031920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 10:28
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: Oct 03 02:02:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.282	7.743	1583.0E6	465.3E6	439.538	511.934

Target Compounds

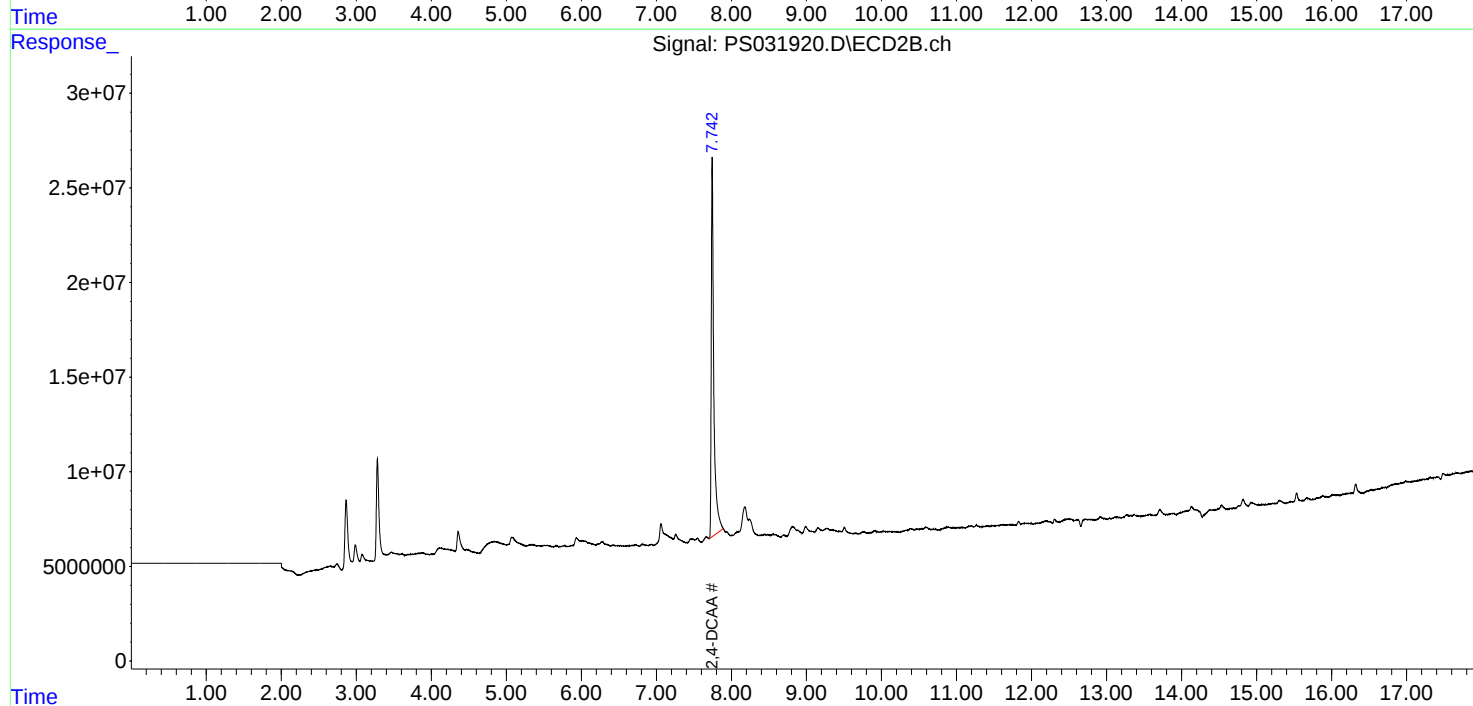
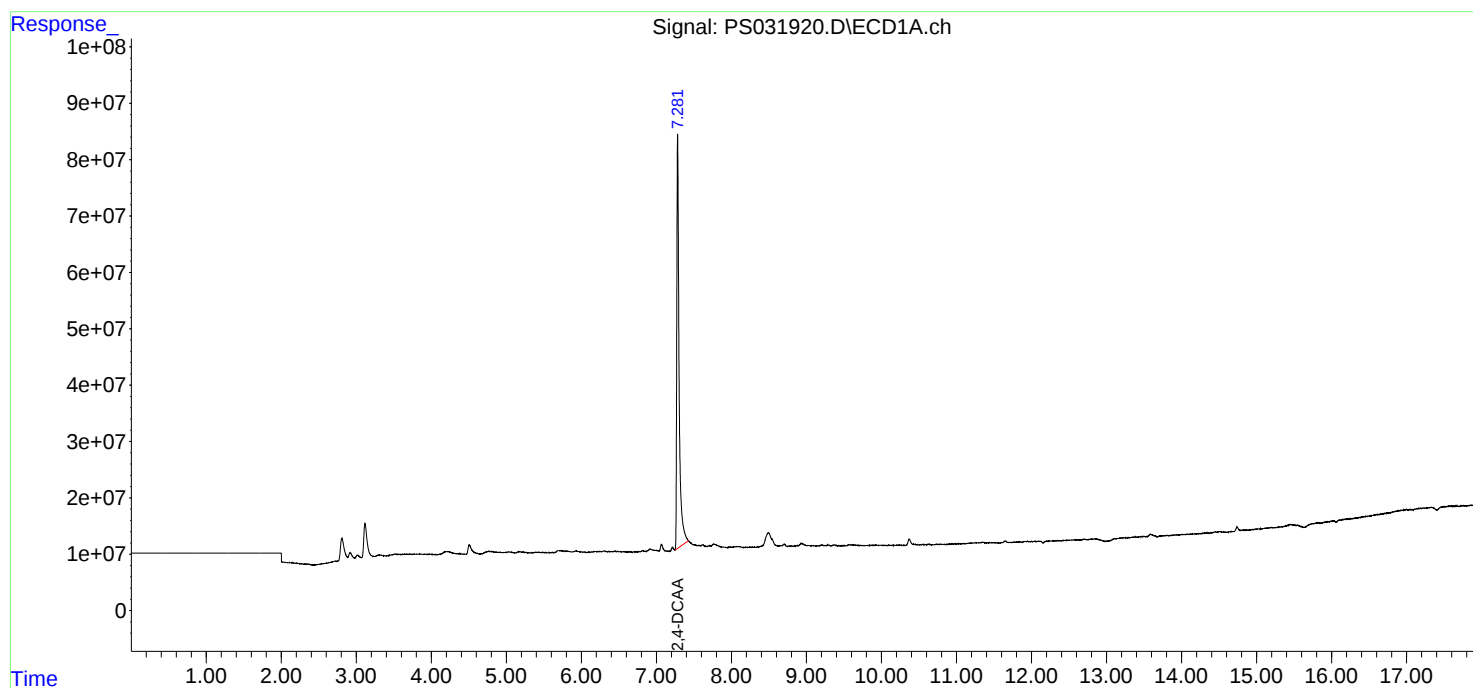
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
Data File : PS031920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 10:28
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: Oct 03 02:02:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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



Response

Signal: PS031920.D\ECD1A.ch

#4 2,4-DCAA

R.T.: 7.282 min

Delta R.T.: 0.000 min

Response: 1583006488

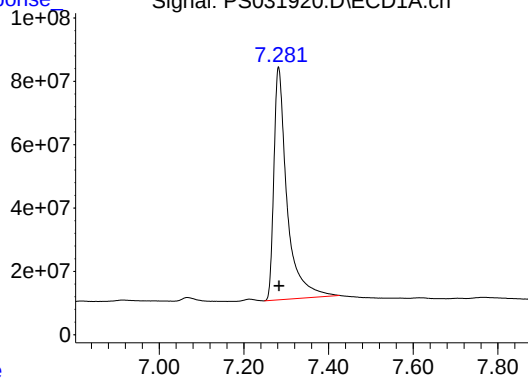
Conc: 439.54 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



Time

Response_

Signal: PS031920.D\ECD2B.ch

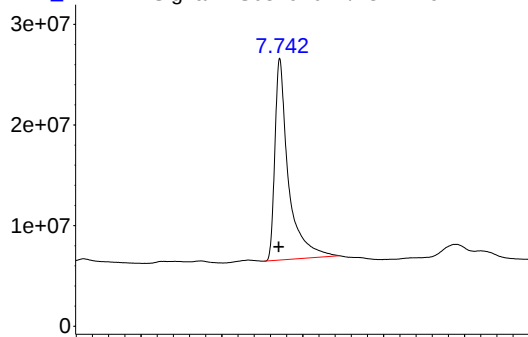
#4 2,4-DCAA

R.T.: 7.743 min

Delta R.T.: 0.002 min

Response: 465296969

Conc: 511.93 ng/ml



Time

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PS031928.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031928.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031928.D	1		10/02/25	PS100225

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	537		61 - 136	107%	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\PS100225\
Data File : PS031928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 13:41
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: Oct 03 02:06:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.280	7.743	1672.5E6	487.9E6	464.385	536.769

Target Compounds

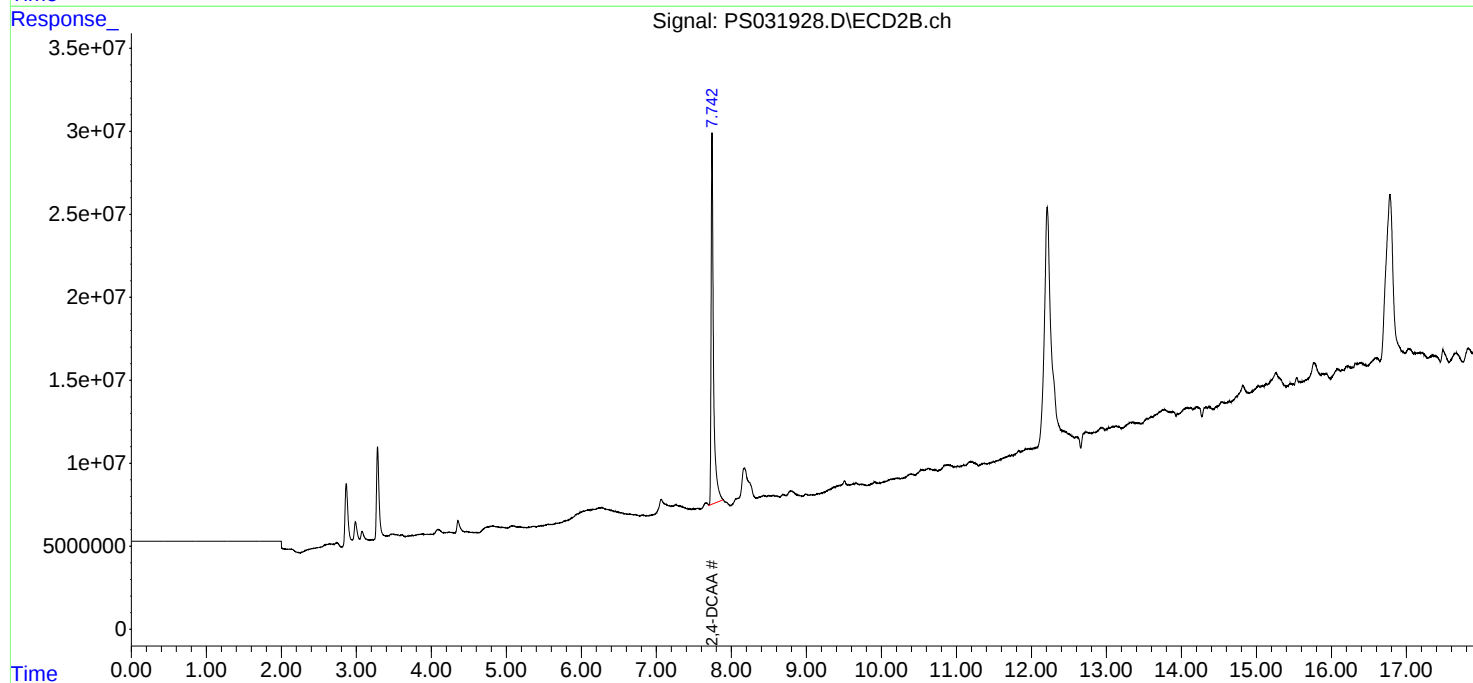
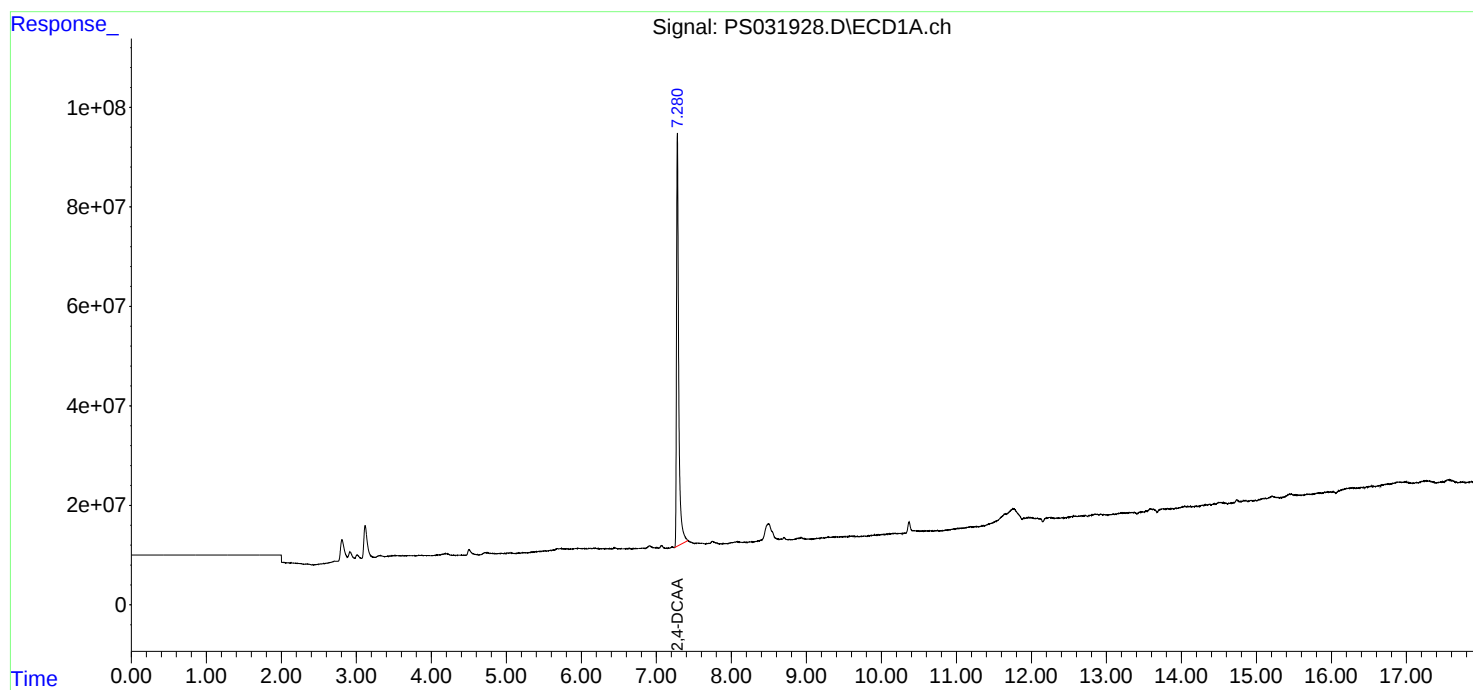
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
Data File : PS031928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 13:41
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: Oct 03 02:06:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 2025
Response via : Initial Calibration
Integrator: ChemStation

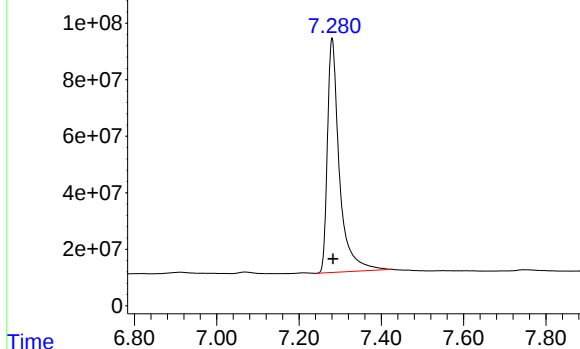
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PS031928.D\ECD1A.ch

#4 2,4-DCAA



R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 1672496520
Conc: 464.39 ng/ml

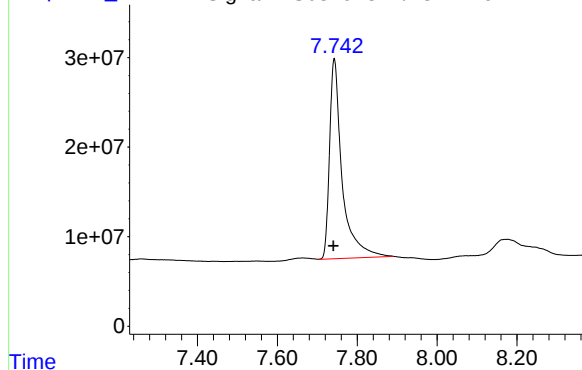
Instrument :
ECD_S
ClientSampleId :
I.BLK

Time

Response_

Signal: PS031928.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 487868634
Conc: 536.77 ng/ml

Time

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	PIBLK-PS031940.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031940.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031940.D	1		10/03/25	ps100325

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	530		61 - 136	106%	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\PS100325\
Data File : PS031940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 09:34
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: Oct 04 01:27:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.283	7.745	1655.7E6	482.1E6	459.712	530.408

Target Compounds

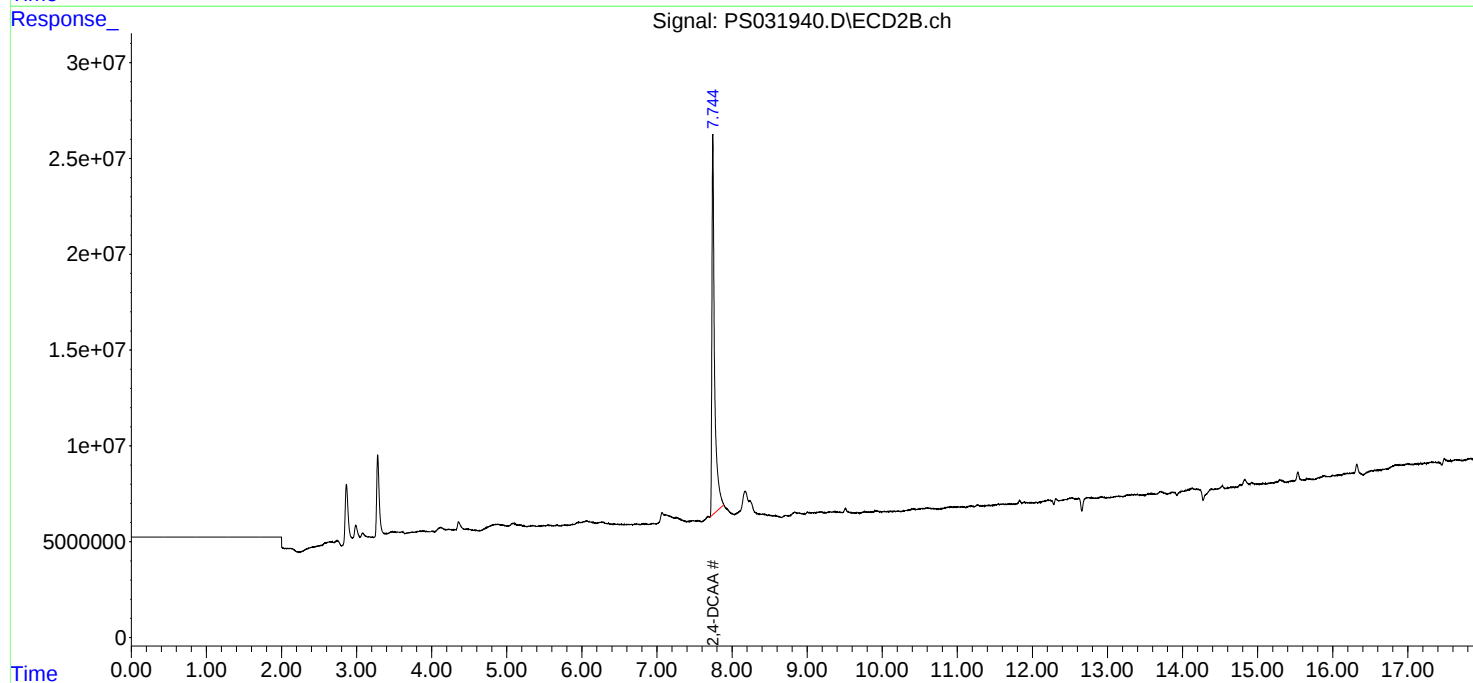
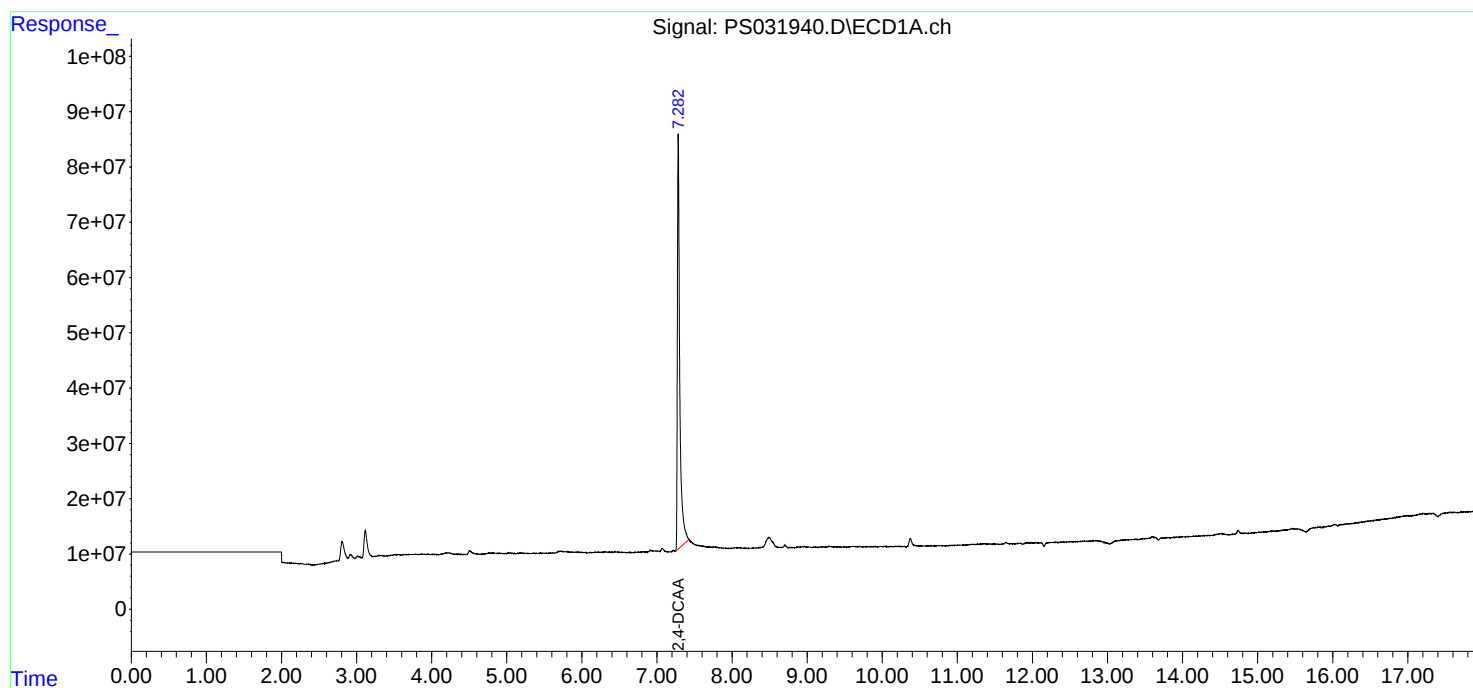
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

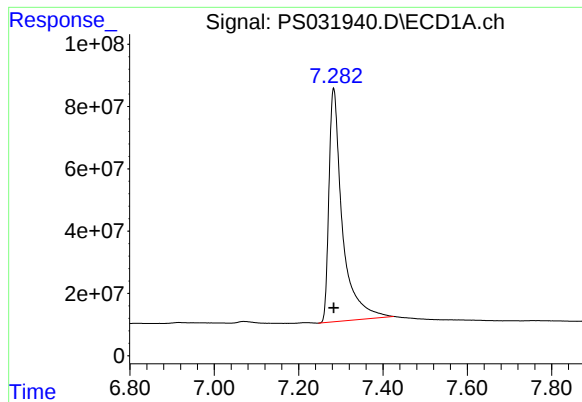
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
Data File : PS031940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 09:34
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:27:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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

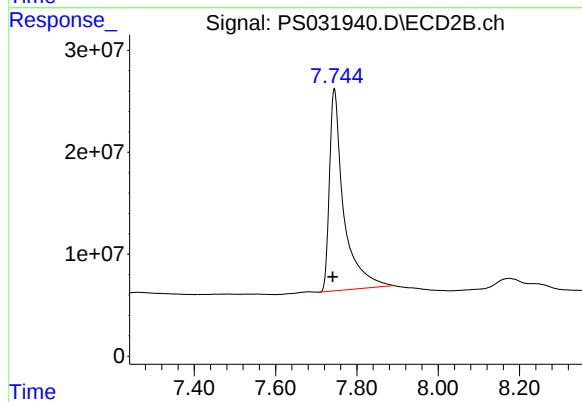




#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 1655664832
Conc: 459.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 482087219
Conc: 530.41 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	PIBLK-PS031944.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031944.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031944.D	1		10/03/25	ps100325

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	544		61 - 136	109%	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\PS100325\
Data File : PS031944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 13:40
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: Oct 04 01:29:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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	7.283	7.745	1720.8E6	494.2E6	477.792	543.701

Target Compounds

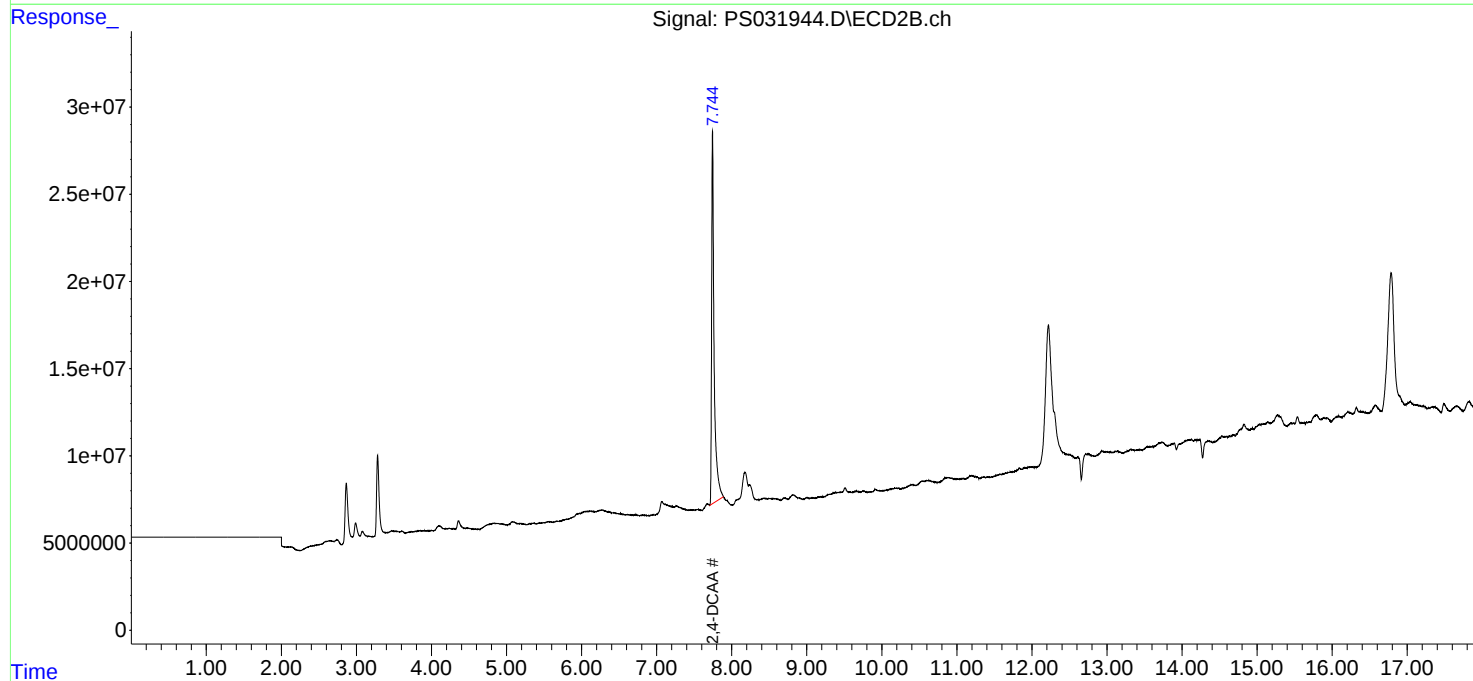
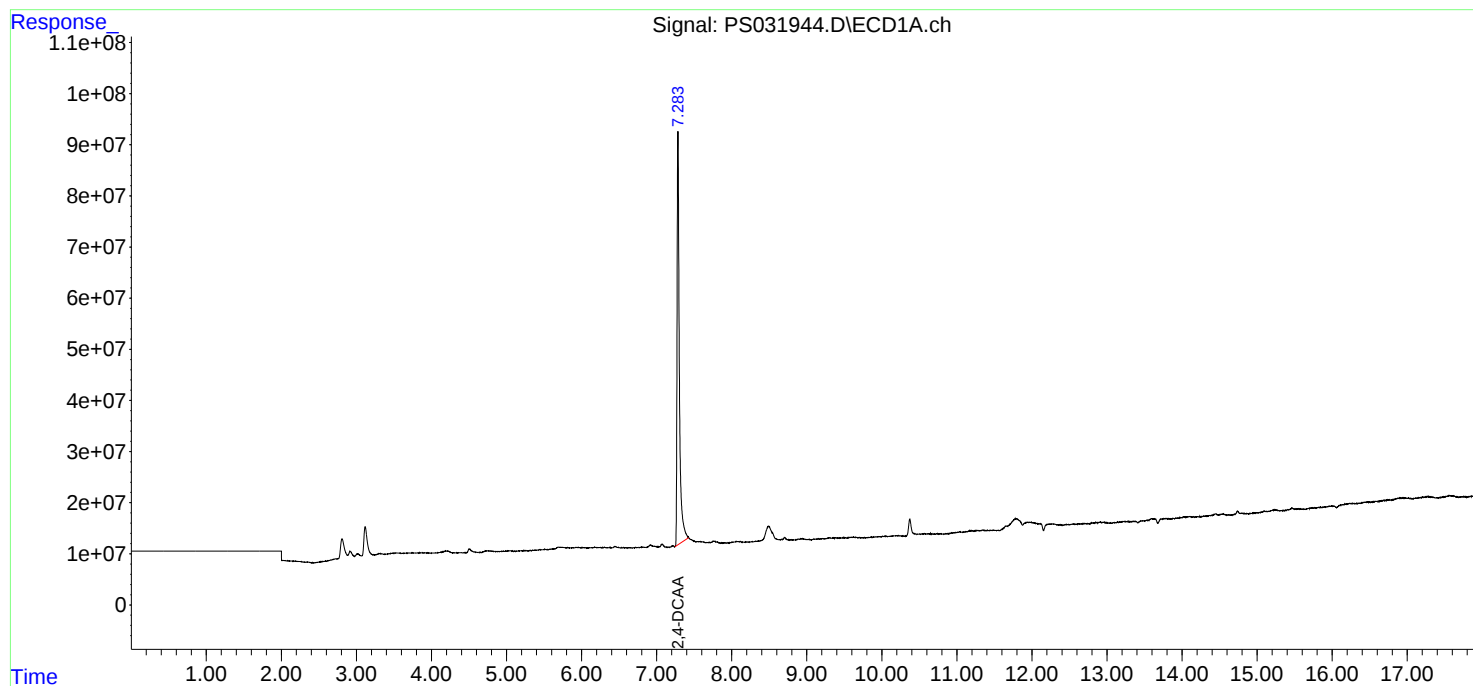
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

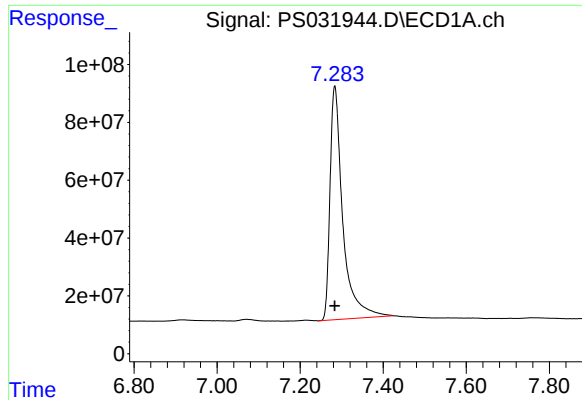
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
Data File : PS031944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 13:40
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:29:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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.: 7.283 min

Delta R.T.: 0.000 min

Response: 1720780931

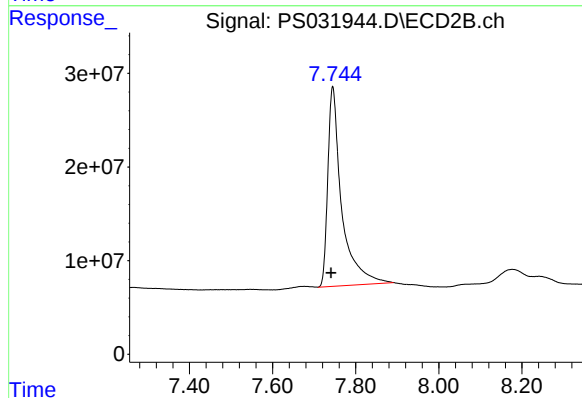
Conc: 477.79 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.745 min

Delta R.T.: 0.004 min

Response: 494169989

Conc: 543.70 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169931BS	SDG No.:	Q3257
Lab Sample ID:	PB169931BS	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
PS031916.D	1	10/01/25 09:05	10/01/25 17:20	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	172		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	178		12.8	67.0	ug/Kg
94-75-7	2,4-D	197		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	180		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	186		8.70	67.0	ug/Kg
94-82-6	2,4-DB	179		24.2	67.0	ug/Kg
88-85-7	DINOSEB	189		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	561		10 - 141	112%	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\PS100125\
 Data File : PS031916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 17:20
 Operator : AR\AJ
 Sample : PB169931BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169931BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:45:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.282	7.742	2021.7E6	482.3E6	561.349	530.668
Target Compounds							
1) T	Dalapon	2.668	2.689	2509.1E6	1251.2E6	434.051	444.059
2) T	3,5-DICHL...	6.450	6.695	2789.2E6	811.2E6	522.968	531.961
3) T	4-Nitroph...	7.096	7.303	614.8E6	618.1E6	557.284	489.453m
5) T	DICAMBA	7.465	7.937	8057.9E6	3274.8E6	516.641	503.281
6) T	MCPD	7.642	8.031	467.3E6	95031975	52.273	50.458
7) T	MCPA	7.791	8.279	584.7E6	142.9E6	52.630	50.999
8) T	DICHLORPROP	8.173	8.656	1868.6E6	776.8E6	524.626	533.860
9) T	2,4-D	8.412	9.001	2027.8E6	823.1E6	591.936	500.351
10) T	Pentachlo...	8.704	9.504	31771.0E6	22116.5E6	598.394	557.222
11) T	2,4,5-TP ...	9.281	9.890	11362.6E6	7804.8E6	541.753	518.444
12) T	2,4,5-T	9.579	10.320	10199.6E6	6728.5E6	557.409	499.999
13) T	2,4-DB	10.155	10.889	1256.8E6	479.5E6	538.766	448.103m
14) T	DINOSEB	11.348	11.262	8202.9E6	5446.5E6	568.752	560.299
15) T	Picloram	11.182	12.388	8708.7E6	10291.5E6	483.519	434.546
16) T	DCPA	11.646	12.302	15280.8E6	13078.8E6	567.009	542.598

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
Data File : PS031916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 17:20
Operator : AR\AJ
Sample : PB169931BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB169931BS

Manual Integrations

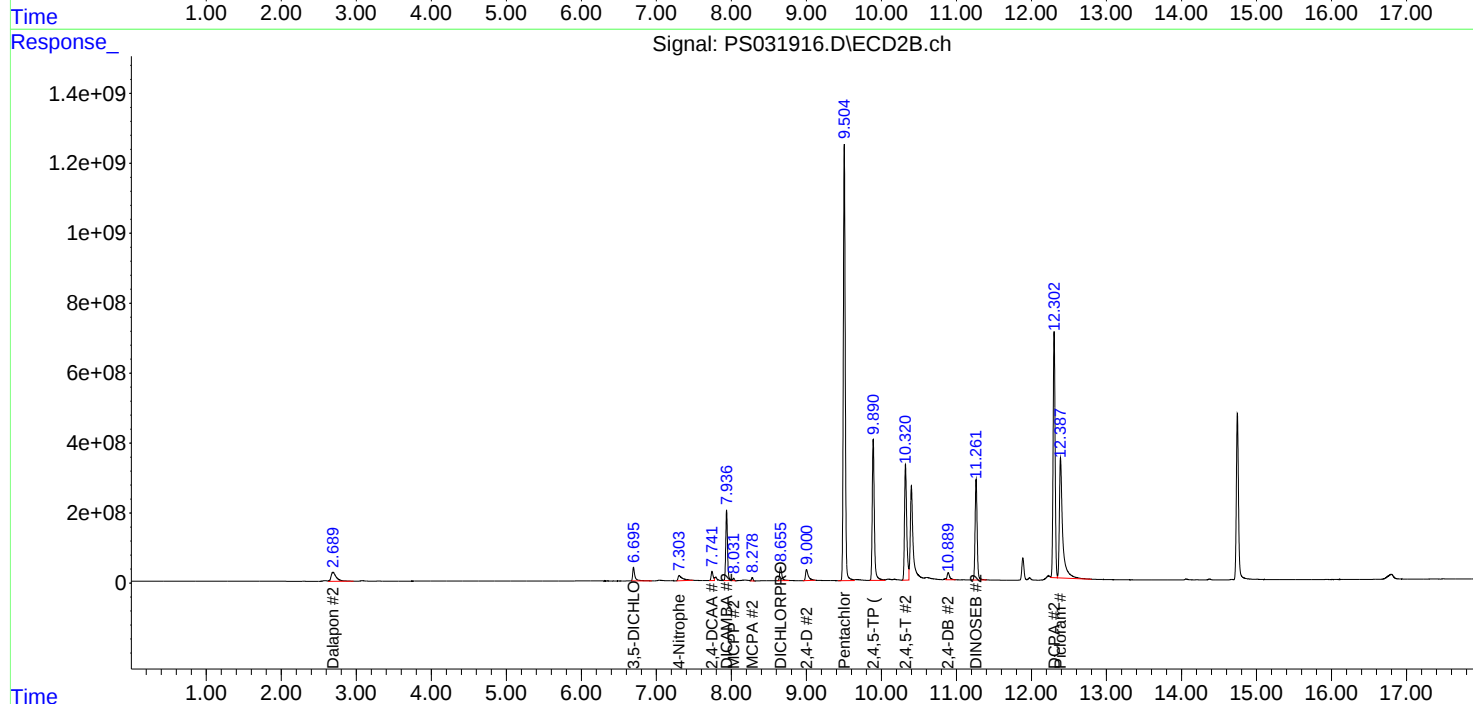
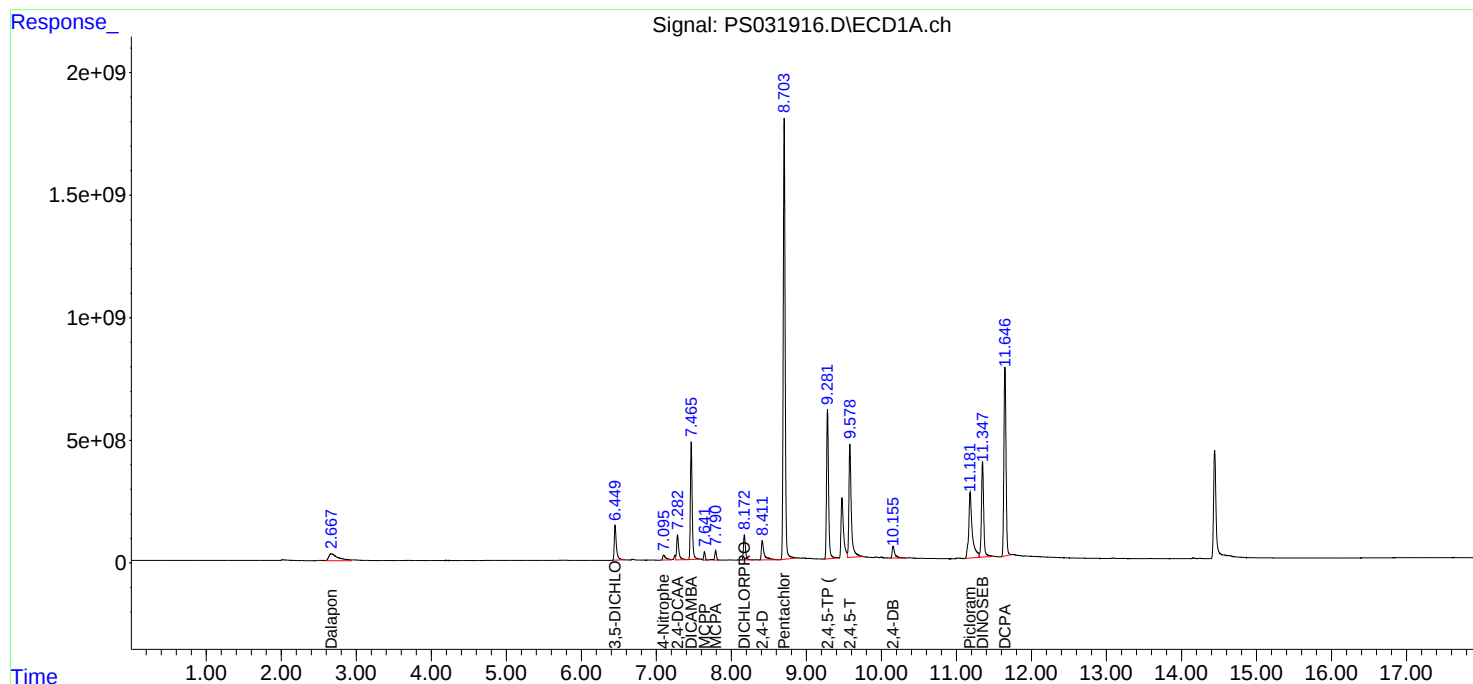
APPROVED

Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:45:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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



Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031942.D	1	10/01/25 09:05	10/03/25 12:25	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	75.5	J	9.10	79.1	ug/Kg
120-36-5	DICHLORPROP	88.2		15.1	79.1	ug/Kg
94-75-7	2,4-D	64.0	J	10.7	79.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	93.1		10.7	79.1	ug/Kg
93-76-5	2,4,5-T	72.6	J	10.3	79.1	ug/Kg
94-82-6	2,4-DB	67.3	J	28.6	79.1	ug/Kg
88-85-7	DINOSEB	61.1	J	12.7	79.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	445		10 - 141	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 12:25
 Operator : AR\AJ
 Sample : Q3257-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ENV2-6FTMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:28:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.281	7.734	1601.6E6	392.6E6	444.713	431.962
Target Compounds							
1) T	Dalapon	2.643f	2.662f	287.7E6	938.0E6	49.761m	332.909m#
2) T	3,5-DICHL...	6.450	6.691	962.7E6	232.2E6	180.499	152.238
3) T	4-Nitroph...	7.099	7.298	298.2E6	89064294	270.330	70.530m#
5) T	DICAMBA	7.464	7.931	2441.9E6	1248.9E6	156.563	191.931
6) T	MCPD	7.640	8.025	118.3E6	15995450	13.237	8.493m#
7) T	MCPA	7.789	8.296	207.0E6	585.0E6	18.627	208.840 #
8) T	DICHLORPROP	8.172	8.651	799.2E6	288.8E6	224.378m	198.511
9) T	2,4-D	8.415	8.994	490.1E6	267.5E6	143.080	162.608m
10) T	Pentachlo...	8.703	9.500	9671.0E6	6079.9E6	182.149	153.183m
11) T	2,4,5-TP ...	9.282	9.885	3711.9E6	3562.6E6	176.979	236.648 #
12) T	2,4,5-T	9.580	10.317	2893.7E6	2483.6E6	158.140m	184.559
13) T	2,4-DB	10.159	10.887	399.4E6	148.3E6	171.206m	138.622m
14) T	DINOSEB	11.349	11.257	1663.3E6	1510.5E6	115.327	155.390m#
15) T	Picloram	11.184	12.383	2693.1E6	3465.9E6	149.522m	146.344
16) T	DCPA	11.644	12.299	3856.9E6	5271.3E6	143.114m	218.689 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
Data File : PS031942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 12:25
Operator : AR\AJ
Sample : Q3257-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ENV2-6FTMS

Manual Integrations

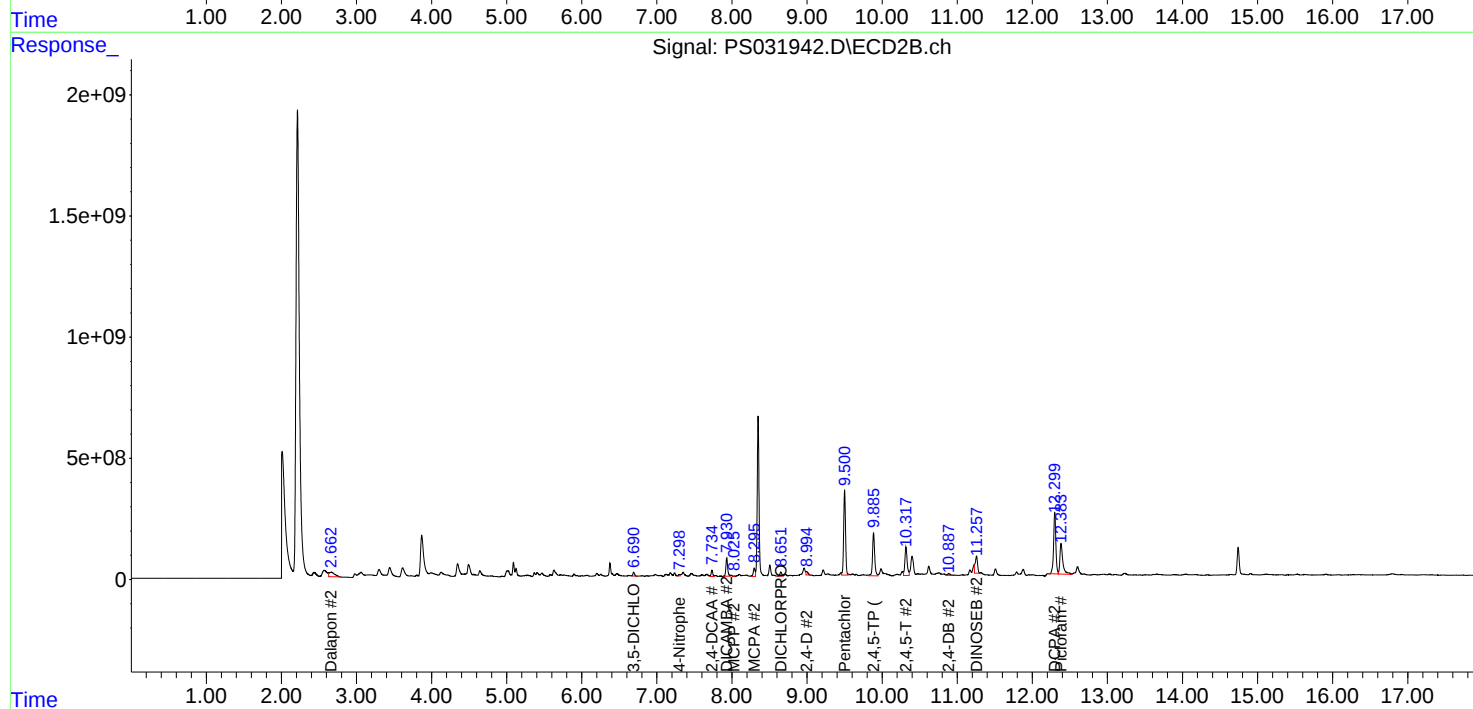
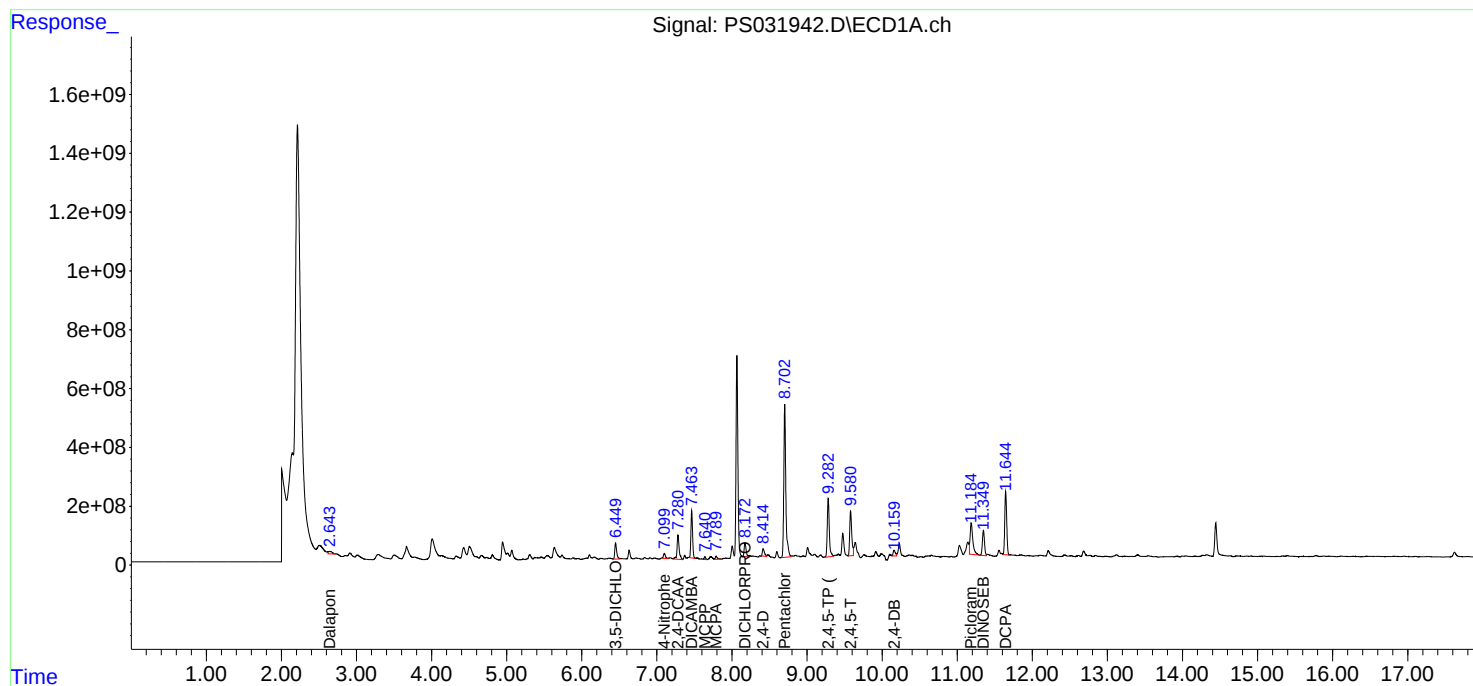
APPROVED

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:28:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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



Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031943.D	1	10/01/25 09:05	10/03/25 13:16	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	75.0	J	9.10	79.0	ug/Kg
120-36-5	DICHLORPROP	84.8		15.1	79.0	ug/Kg
94-75-7	2,4-D	72.3	J	10.7	79.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	93.3		10.7	79.0	ug/Kg
93-76-5	2,4,5-T	72.4	J	10.3	79.0	ug/Kg
94-82-6	2,4-DB	61.4	J	28.5	79.0	ug/Kg
88-85-7	DINOSEB	57.2	J	12.7	79.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	443		10 - 141	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031943.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 13:16
 Operator : AR\AJ
 Sample : Q3257-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ENV2-6FTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:28:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.280	7.734	1595.6E6	388.5E6	443.021	427.392
Target Compounds							
1) T	Dalapon	2.643f	2.663f	310.7E6	1163.5E6	53.747m	412.924m#
2) T	3,5-DICHL...	6.450	6.690	961.7E6	232.7E6	180.322	152.579
3) T	4-Nitroph...	7.100	7.298	290.0E6	104.7E6	262.831	82.879m#
5) T	DICAMBA	7.464	7.931	2436.3E6	1242.1E6	156.203	190.884
6) T	MCPD	7.641	8.024	117.4E6	10689815	13.131	5.676 #
7) T	MCPA	7.789	8.296	202.5E6	650.5E6	18.228	232.224 #
8) T	DICHLORPROP	8.173	8.651	768.1E6	289.2E6	215.649	198.760
9) T	2,4-D	8.415	8.995	540.9E6	302.5E6	157.892m	183.890m
10) T	Pentachlo...	8.704	9.500	9642.8E6	5973.3E6	181.618	150.496m
11) T	2,4,5-TP ...	9.283	9.886	3713.7E6	3575.5E6	177.066	237.509 #
12) T	2,4,5-T	9.582	10.317	2971.0E6	2478.5E6	162.368	184.181
13) T	2,4-DB	10.159	10.887	364.2E6	144.0E6	156.107m	134.587m
14) T	DINOSEB	11.350	11.256	1619.8E6	1413.9E6	112.311	145.458m#
15) T	Picloram	11.186	12.383	2304.7E6	3227.9E6	127.961m	136.296
16) T	DCPA	11.645	12.299	3809.7E6	5058.5E6	141.364	209.862 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
Data File : PS031943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2025 13:16
Operator : AR\AJ
Sample : Q3257-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ENV2-6FTMSD

Manual Integrations

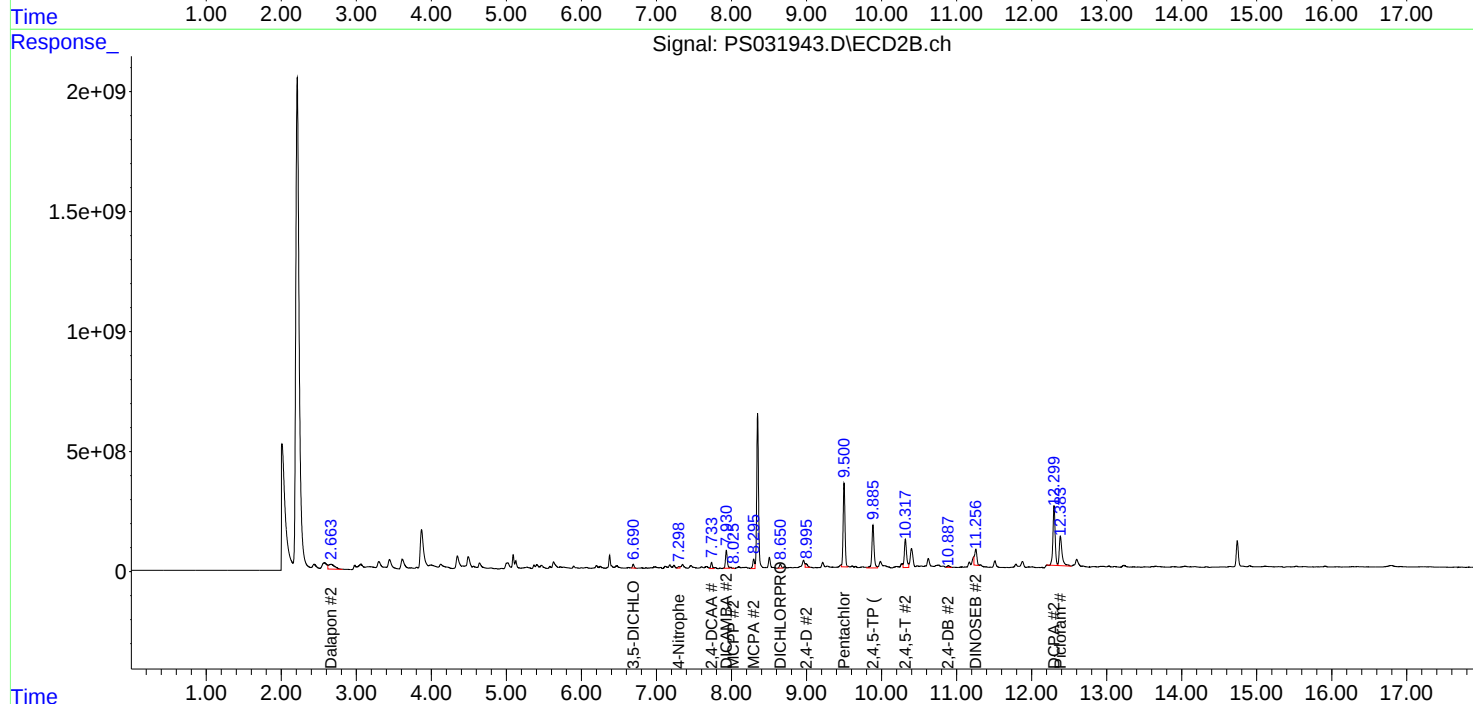
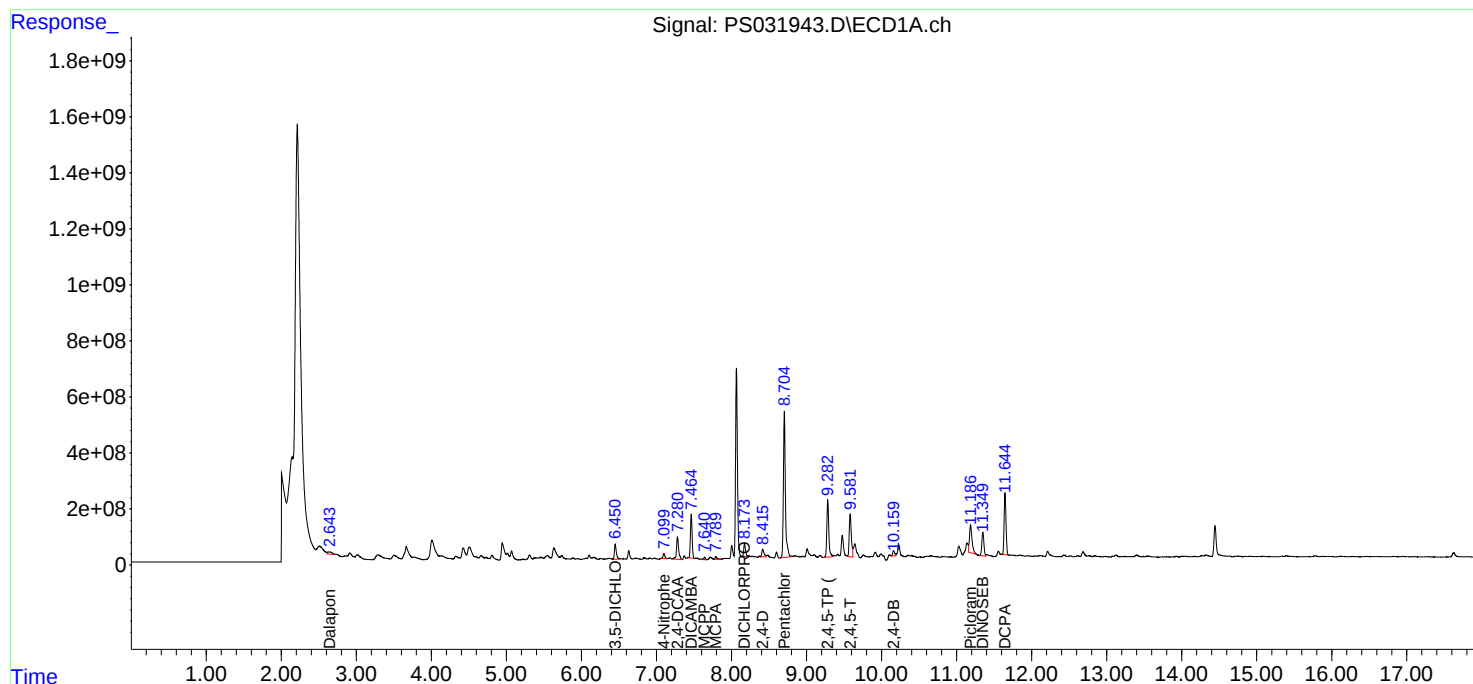
APPROVED

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:28:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 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



Manual Integration Report

Sequence:

Ps090925

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS031668.D	4-Nitrophenol	Abdul	9/10/2025 8:42:03 AM	mohammad	9/11/2025 1:29:37	Peak Integrated by Software
HSTDICC200	PS031668.D	4-Nitrophenol #2	Abdul	9/10/2025 8:42:03 AM	mohammad	9/11/2025 1:29:37	Peak Integrated by Software
HSTDICC200	PS031668.D	MCPP	Abdul	9/10/2025 8:42:03 AM	mohammad	9/11/2025 1:29:37	Peak Integrated by Software
HSTDICC200	PS031668.D	MCPP #2	Abdul	9/10/2025 8:42:03 AM	mohammad	9/11/2025 1:29:37	Peak Integrated by Software
HSTDICC1000	PS031671.D	DCPA #2	Abdul	9/10/2025 8:41:35 AM	mohammad	9/11/2025 1:29:37	Peak Integrated by Software
HSTDICC1500	PS031672.D	4-Nitrophenol #2	Abdul	9/10/2025 8:41:39 AM	mohammad	9/11/2025 1:29:37	Peak Integrated by Software
HSTDICC1500	PS031672.D	DCPA #2	Abdul	9/10/2025 8:41:39 AM	mohammad	9/11/2025 1:29:37	Peak Integrated by Software
I.BLK	PS031682.D	2,4-DCAA #2	Abdul	9/10/2025 8:41:47 AM	mohammad	9/11/2025 1:29:37	Peak Integrated by Software

Manual Integration Report

Sequence:

Ps100125

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031913.D	2,4-DB #2	Abdul	10/3/2025 9:44:17 AM	mohammad	10/4/2025 6:29:50	Peak Integrated by Software
HSTDCCC750	PS031913.D	4-Nitrophenol #2	Abdul	10/3/2025 9:44:17 AM	mohammad	10/4/2025 6:29:50	Peak Integrated by Software
PB169931BS	PS031916.D	2,4-DB #2	Abdul	10/3/2025 9:44:13 AM	mohammad	10/4/2025 6:29:50	Peak Integrated by Software
PB169931BS	PS031916.D	4-Nitrophenol #2	Abdul	10/3/2025 9:44:13 AM	mohammad	10/4/2025 6:29:50	Peak Integrated by Software
HSTDCCC750	PS031918.D	2,4-DB #2	Abdul	10/3/2025 9:44:10 AM	mohammad	10/4/2025 6:29:50	Peak Integrated by Software
HSTDCCC750	PS031918.D	4-Nitrophenol #2	Abdul	10/3/2025 9:44:10 AM	mohammad	10/4/2025 6:29:50	Peak Integrated by Software

Manual Integration Report

Sequence:

PS100225

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031921.D	2,4-DB #2	Abdul	10/3/2025 9:00:47 AM	mohammad	10/4/2025 6:34:11	Peak Integrated by Software
HSTDCCC750	PS031921.D	2,4-DCAA	Abdul	10/3/2025 9:00:47 AM	mohammad	10/4/2025 6:34:11	Peak Integrated by Software
HSTDCCC750	PS031921.D	4-Nitrophenol #2	Abdul	10/3/2025 9:00:47 AM	mohammad	10/4/2025 6:34:11	Peak Integrated by Software
HSTDCCC750	PS031921.D	MCPP	Abdul	10/3/2025 9:00:47 AM	mohammad	10/4/2025 6:34:11	Peak Integrated by Software
HSTDCCC750	PS031921.D	MCPP #2	Abdul	10/3/2025 9:00:47 AM	mohammad	10/4/2025 6:34:11	Peak Integrated by Software
Q3257-02	PS031925.D	2,4-DCAA #2	Abdul	10/3/2025 9:00:54 AM	mohammad	10/4/2025 6:34:11	Peak Integrated by Software
HSTDCCC750	PS031929.D	4-Nitrophenol #2	Abdul	10/3/2025 9:01:05 AM	mohammad	10/4/2025 6:34:11	Peak Integrated by Software
HSTDCCC750	PS031929.D	DCPA #2	Abdul	10/3/2025 9:01:05 AM	mohammad	10/4/2025 6:34:11	Peak Integrated by Software

Manual Integration Report

Sequence:

ps100325

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031941.D	2,4-D	yogesh	10/6/2025 2:32:55 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031941.D	2,4-DB	yogesh	10/6/2025 2:32:55 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031941.D	4-Nitrophenol #2	yogesh	10/6/2025 2:32:55 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	2,4,5-T	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	2,4-D #2	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	2,4-DB	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	2,4-DB #2	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	4-Nitrophenol #2	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	Dalapon	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	Dalapon #2	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	DCPA	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	DICHLORPROP	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	DINOSEB #2	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software

Manual Integration Report

Sequence:

ps100325

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3257-02MS	PS031942.D	MCPD #2	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	Pentachlorophenol #2	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MS	PS031942.D	Picloram	yogesh	10/6/2025 2:32:57 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	2,4-D	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	2,4-D #2	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	2,4-DB	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	2,4-DB #2	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	4-Nitrophenol #2	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	Dalapon	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	Dalapon #2	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	DINOSEB #2	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	Pentachlorophenol #2	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
Q3257-02MSD	PS031943.D	Picloram	yogesh	10/6/2025 2:32:59 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software

Manual Integration Report

Sequence:

ps100325

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031945.D	2,4-D	yogesh	10/6/2025 2:33:00 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031945.D	2,4-DB	yogesh	10/6/2025 2:33:00 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031945.D	2,4-DB #2	yogesh	10/6/2025 2:33:00 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031945.D	3,5-DICHLOROBENZOI C ACID #2	yogesh	10/6/2025 2:33:00 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031945.D	4-Nitrophenol #2	yogesh	10/6/2025 2:33:00 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031952.D	2,4-D	yogesh	10/6/2025 2:33:07 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031952.D	2,4-DB	yogesh	10/6/2025 2:33:07 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031952.D	2,4-DB #2	yogesh	10/6/2025 2:33:07 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software
HSTDCCC750	PS031952.D	2,4-DCAA	yogesh	10/6/2025 2:33:07 AM	mohammad	10/6/2025 2:37:56	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS090925

Review By	Abdul	Review On	9/10/2025 8:43:49 AM
Supervise By	mohammad	Supervise On	9/11/2025 1:29:37 AM
SubDirectory	PS090925	HP Acquire Method	HP Processing Method ps090925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031666.D	09 Sep 2025 10:44	AR\AJ	Ok
2	I.BLK	PS031667.D	09 Sep 2025 11:08	AR\AJ	Ok
3	HSTDICC200	PS031668.D	09 Sep 2025 11:32	AR\AJ	Ok,M
4	HSTDICC500	PS031669.D	09 Sep 2025 11:56	AR\AJ	Ok
5	HSTDICC750	PS031670.D	09 Sep 2025 12:20	AR\AJ	Ok
6	HSTDICC1000	PS031671.D	09 Sep 2025 12:44	AR\AJ	Ok,M
7	HSTDICC1500	PS031672.D	09 Sep 2025 13:08	AR\AJ	Ok,M
8	HSTDICV750	PS031673.D	09 Sep 2025 13:32	AR\AJ	Ok
9	I.BLK	PS031674.D	09 Sep 2025 13:57	AR\AJ	Ok
10	HSTDCCC750	PS031675.D	09 Sep 2025 14:21	AR\AJ	Ok
11	PB169584BL	PS031676.D	09 Sep 2025 14:45	AR\AJ	Ok
12	Q3015-17	PS031677.D	09 Sep 2025 15:09	AR\AJ	Ok,M
13	PB169584BS	PS031678.D	09 Sep 2025 15:33	AR\AJ	Ok
14	PB169584BSD	PS031679.D	09 Sep 2025 15:57	AR\AJ	Ok
15	PB169590BL	PS031680.D	09 Sep 2025 16:22	AR\AJ	Ok
16	PB169590BS	PS031681.D	09 Sep 2025 16:46	AR\AJ	Ok
17	I.BLK	PS031682.D	09 Sep 2025 17:10	AR\AJ	Ok,M
18	HSTDCCC750	PS031683.D	09 Sep 2025 17:34	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS100125

Review By	Abdul	Review On	10/2/2025 8:57:06 AM
Supervise By	mohammad	Supervise On	10/4/2025 6:29:50 AM
SubDirectory	PS100125	HP Acquire Method	HP Processing Method ps090925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031908.D	01 Oct 2025 09:29	AR\AJ	Ok
2	I.BLK	PS031909.D	01 Oct 2025 09:53	AR\AJ	Ok
3	HSTDCCC750	PS031910.D	01 Oct 2025 10:41	AR\AJ	Ok
4	Q3231-09	PS031911.D	01 Oct 2025 11:50	AR\AJ	Ok
5	I.BLK	PS031912.D	01 Oct 2025 13:29	AR\AJ	Ok
6	HSTDCCC750	PS031913.D	01 Oct 2025 13:53	AR\AJ	Ok,M
7	Q3253-01	PS031914.D	01 Oct 2025 16:23	AR\AJ	Ok
8	PB169931BL	PS031915.D	01 Oct 2025 16:56	AR\AJ	Ok
9	PB169931BS	PS031916.D	01 Oct 2025 17:20	AR\AJ	Ok,M
10	I.BLK	PS031917.D	01 Oct 2025 17:45	AR\AJ	Ok
11	HSTDCCC750	PS031918.D	01 Oct 2025 18:09	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS100225

Review By	Abdul	Review On	10/3/2025 9:01:38 AM
Supervise By	mohammad	Supervise On	10/4/2025 6:34:11 AM
SubDirectory	PS100225	HP Acquire Method	HP Processing Method ps090925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031919.D	02 Oct 2025 10:04	AR\AJ	Ok
2	I.BLK	PS031920.D	02 Oct 2025 10:28	AR\AJ	Ok
3	HSTDCCC750	PS031921.D	02 Oct 2025 10:52	AR\AJ	Ok,M
4	Q3256-01	PS031922.D	02 Oct 2025 11:16	AR\AJ	Ok,M
5	Q3256-05	PS031923.D	02 Oct 2025 11:40	AR\AJ	Ok
6	Q3257-01	PS031924.D	02 Oct 2025 12:04	AR\AJ	Ok
7	Q3257-02	PS031925.D	02 Oct 2025 12:28	AR\AJ	Ok,M
8	Q3257-02MS	PS031926.D	02 Oct 2025 12:52	AR\AJ	Not Ok
9	Q3257-02MSD	PS031927.D	02 Oct 2025 13:16	AR\AJ	Not Ok
10	I.BLK	PS031928.D	02 Oct 2025 13:41	AR\AJ	Ok
11	HSTDCCC750	PS031929.D	02 Oct 2025 14:05	AR\AJ	Ok,M
12	PB169954BL	PS031930.D	02 Oct 2025 16:01	AR\AJ	Ok
13	PB169954BS	PS031931.D	02 Oct 2025 16:25	AR\AJ	Ok,M
14	PB169925TB	PS031932.D	02 Oct 2025 16:49	AR\AJ	Ok
15	Q3256-04	PS031933.D	02 Oct 2025 17:13	AR\AJ	Ok
16	Q3256-04MS	PS031934.D	02 Oct 2025 17:37	AR\AJ	Ok,M
17	Q3256-04MSD	PS031935.D	02 Oct 2025 18:01	AR\AJ	Ok,M
18	Q3256-08	PS031936.D	02 Oct 2025 18:26	AR\AJ	Ok
19	I.BLK	PS031937.D	02 Oct 2025 18:50	AR\AJ	Ok
20	HSTDCCC750	PS031938.D	02 Oct 2025 19:38	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS100325

Review By	yogesh	Review On	10/6/2025 2:33:48 AM
Supervise By	mohammad	Supervise On	10/6/2025 2:37:56 AM
SubDirectory	PS100325	HP Acquire Method	HP Processing Method ps090925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031939.D	03 Oct 2025 09:10	AR\AJ	Ok
2	I.BLK	PS031940.D	03 Oct 2025 09:34	AR\AJ	Ok
3	HSTDCCC750	PS031941.D	03 Oct 2025 09:58	AR\AJ	Ok,M
4	Q3257-02MS	PS031942.D	03 Oct 2025 12:25	AR\AJ	Ok,M
5	Q3257-02MSD	PS031943.D	03 Oct 2025 13:16	AR\AJ	Ok,M
6	I.BLK	PS031944.D	03 Oct 2025 13:40	AR\AJ	Ok
7	HSTDCCC750	PS031945.D	03 Oct 2025 14:04	AR\AJ	Ok,M
8	PB169975BL	PS031946.D	03 Oct 2025 16:21	AR\AJ	Ok
9	PB169975BS	PS031947.D	03 Oct 2025 16:45	AR\AJ	Ok,M
10	PB169975BSD	PS031948.D	03 Oct 2025 17:09	AR\AJ	Ok,M
11	Q3263-01	PS031949.D	03 Oct 2025 17:34	AR\AJ	Ok
12	Q3263-02	PS031950.D	03 Oct 2025 17:58	AR\AJ	Ok
13	I.BLK	PS031951.D	03 Oct 2025 18:22	AR\AJ	Ok
14	HSTDCCC750	PS031952.D	03 Oct 2025 18:46	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS090925

Review By	Abdul	Review On	9/10/2025 8:43:49 AM
Supervise By	mohammad	Supervise On	9/11/2025 1:29:37 AM
SubDirectory	PS090925	HP Acquire Method	HP Processing Method ps090925 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031666.D	09 Sep 2025 10:44		AR\AJ	Ok
2	I.BLK	I.BLK	PS031667.D	09 Sep 2025 11:08		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS031668.D	09 Sep 2025 11:32		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS031669.D	09 Sep 2025 11:56		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS031670.D	09 Sep 2025 12:20		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031671.D	09 Sep 2025 12:44		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS031672.D	09 Sep 2025 13:08		AR\AJ	Ok,M
8	HSTDICV750	ICVPS090925	PS031673.D	09 Sep 2025 13:32		AR\AJ	Ok
9	I.BLK	I.BLK	PS031674.D	09 Sep 2025 13:57		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS031675.D	09 Sep 2025 14:21		AR\AJ	Ok
11	PB169584BL	PB169584BL	PS031676.D	09 Sep 2025 14:45		AR\AJ	Ok
12	Q3015-17	WP0925-PT-HERB-WP	PS031677.D	09 Sep 2025 15:09		AR\AJ	Ok,M
13	PB169584BS	PB169584BS	PS031678.D	09 Sep 2025 15:33		AR\AJ	Ok
14	PB169584BSD	PB169584BSD	PS031679.D	09 Sep 2025 15:57		AR\AJ	Ok
15	PB169590BL	PB169590BL	PS031680.D	09 Sep 2025 16:22		AR\AJ	Ok
16	PB169590BS	PB169590BS	PS031681.D	09 Sep 2025 16:46		AR\AJ	Ok
17	I.BLK	I.BLK	PS031682.D	09 Sep 2025 17:10		AR\AJ	Ok,M
18	HSTDCCC750	HSTDCCC750	PS031683.D	09 Sep 2025 17:34		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS090925

Review By	Abdul	Review On	9/10/2025 8:43:49 AM
Supervise By	mohammad	Supervise On	9/11/2025 1:29:37 AM
SubDirectory	PS090925	HP Acquire Method	HP Processing Method ps090925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923		

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS100125

Review By	Abdul	Review On	10/2/2025 8:57:06 AM
Supervise By	mohammad	Supervise On	10/4/2025 6:29:50 AM
SubDirectory	PS100125	HP Acquire Method	HP Processing Method ps090925 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031908.D	01 Oct 2025 09:29		AR\AJ	Ok
2	I.BLK	I.BLK	PS031909.D	01 Oct 2025 09:53		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031910.D	01 Oct 2025 10:41		AR\AJ	Ok
4	Q3231-09	WC-3	PS031911.D	01 Oct 2025 11:50		AR\AJ	Ok
5	I.BLK	I.BLK	PS031912.D	01 Oct 2025 13:29		AR\AJ	Ok
6	HSTDCCC750	HSTDCCC750	PS031913.D	01 Oct 2025 13:53		AR\AJ	Ok,M
7	Q3253-01	ARS20-0009	PS031914.D	01 Oct 2025 16:23		AR\AJ	Ok
8	PB169931BL	PB169931BL	PS031915.D	01 Oct 2025 16:56		AR\AJ	Ok
9	PB169931BS	PB169931BS	PS031916.D	01 Oct 2025 17:20		AR\AJ	Ok,M
10	I.BLK	I.BLK	PS031917.D	01 Oct 2025 17:45		AR\AJ	Ok
11	HSTDCCC750	HSTDCCC750	PS031918.D	01 Oct 2025 18:09		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS100225

Review By	Abdul	Review On	10/3/2025 9:01:38 AM
Supervise By	mohammad	Supervise On	10/4/2025 6:34:11 AM
SubDirectory	PS100225	HP Acquire Method	HP Processing Method ps090925 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031919.D	02 Oct 2025 10:04		AR\AJ	Ok
2	I.BLK	I.BLK	PS031920.D	02 Oct 2025 10:28		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031921.D	02 Oct 2025 10:52		AR\AJ	Ok,M
4	Q3256-01	SOIL-PILE-1-WC	PS031922.D	02 Oct 2025 11:16		AR\AJ	Ok,M
5	Q3256-05	SOIL-PILE-2-WC	PS031923.D	02 Oct 2025 11:40		AR\AJ	Ok
6	Q3257-01	ENV1-6FT	PS031924.D	02 Oct 2025 12:04		AR\AJ	Ok
7	Q3257-02	ENV2-6FT	PS031925.D	02 Oct 2025 12:28		AR\AJ	Ok,M
8	Q3257-02MS	ENV2-6FTMS	PS031926.D	02 Oct 2025 12:52	Comp # 14 not detected , some compounds fail for recovery	AR\AJ	Not Ok
9	Q3257-02MSD	ENV2-6FTMSD	PS031927.D	02 Oct 2025 13:16	Comp # 14 not detected , some compounds fail for recovery	AR\AJ	Not Ok
10	I.BLK	I.BLK	PS031928.D	02 Oct 2025 13:41		AR\AJ	Ok
11	HSTDCCC750	HSTDCCC750	PS031929.D	02 Oct 2025 14:05		AR\AJ	Ok,M
12	PB169954BL	PB169954BL	PS031930.D	02 Oct 2025 16:01		AR\AJ	Ok
13	PB169954BS	PB169954BS	PS031931.D	02 Oct 2025 16:25		AR\AJ	Ok,M
14	PB169925TB	PB169925TB	PS031932.D	02 Oct 2025 16:49		AR\AJ	Ok
15	Q3256-04	SOIL-PILE-1-WC	PS031933.D	02 Oct 2025 17:13		AR\AJ	Ok
16	Q3256-04MS	SOIL-PILE-1-WCMS	PS031934.D	02 Oct 2025 17:37	recovery fail for some compounds	AR\AJ	Ok,M
17	Q3256-04MSD	SOIL-PILE-1-WCMSD	PS031935.D	02 Oct 2025 18:01	recovery fail for some compounds	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS100225

Review By	Abdul	Review On	10/3/2025 9:01:38 AM
Supervise By	mohammad	Supervise On	10/4/2025 6:34:11 AM
SubDirectory	PS100225	HP Acquire Method	HP Processing Method ps090925 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC Internal Standard/PEM	PP24559
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923

18	Q3256-08	SOIL-PILE-2-WC	PS031936.D	02 Oct 2025 18:26		AR\AJ	Ok
19	I.BLK	I.BLK	PS031937.D	02 Oct 2025 18:50		AR\AJ	Ok
20	HSTDCCC750	HSTDCCC750	PS031938.D	02 Oct 2025 19:38		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS100325

Review By	yogesh	Review On	10/6/2025 2:33:48 AM
Supervise By	mohammad	Supervise On	10/6/2025 2:37:56 AM
SubDirectory	PS100325	HP Acquire Method	HP Processing Method ps090925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24923		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031939.D	03 Oct 2025 09:10		AR\AJ	Ok
2	I.BLK	I.BLK	PS031940.D	03 Oct 2025 09:34		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031941.D	03 Oct 2025 09:58		AR\AJ	Ok,M
4	Q3257-02MS	ENV2-6FTMS	PS031942.D	03 Oct 2025 12:25	some compound recovery fail	AR\AJ	Ok,M
5	Q3257-02MSD	ENV2-6FTMSD	PS031943.D	03 Oct 2025 13:16	some compound recovery fail , RPD fail	AR\AJ	Ok,M
6	I.BLK	I.BLK	PS031944.D	03 Oct 2025 13:40		AR\AJ	Ok
7	HSTDCCC750	HSTDCCC750	PS031945.D	03 Oct 2025 14:04		AR\AJ	Ok,M
8	PB169975BL	PB169975BL	PS031946.D	03 Oct 2025 16:21		AR\AJ	Ok
9	PB169975BS	PB169975BS	PS031947.D	03 Oct 2025 16:45		AR\AJ	Ok,M
10	PB169975BSD	PB169975BSD	PS031948.D	03 Oct 2025 17:09		AR\AJ	Ok,M
11	Q3263-01	251818	PS031949.D	03 Oct 2025 17:34		AR\AJ	Ok
12	Q3263-02	266380	PS031950.D	03 Oct 2025 17:58		AR\AJ	Ok
13	I.BLK	I.BLK	PS031951.D	03 Oct 2025 18:22		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS031952.D	03 Oct 2025 18:46		AR\AJ	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137380

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
Q3257-01	ENV1-6FT	1	1.14	10.57	11.71	10.05	84.3	
Q3257-02	ENV2-6FT	2	1.15	10.55	11.7	10.09	84.7	
Q3262-01	PAD-100125	3	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3262-02	MOO-25-0280	4	1.15	10.87	12.02	6.94	53.3	
Q3262-04	MOO-25-0282	5	1.19	11.25	12.44	7.9	59.6	
Q3262-05	MOO-25-0281-82	6	1.16	11.03	12.19	8.19	63.7	
Q3262-07	279887	7	1.18	10.18	11.36	10.00	86.6	
Q3262-08	279887	8	1.12	10.85	11.97	10.6	87.4	
Q3264-01	L23A	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-02	L23B	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-03	L24A	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-04	L24B	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-05	L25A	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-06	L25B	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-07	L26A	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-08	L26B	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-09	L27A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-10	L27B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-11	L28A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-12	L29A	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-13	L30A	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-14	L31A	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-15	L32A	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-16	L33A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-17	L33B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-18	L34A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-19	L34B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-20	245F55-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137380

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
Q3264-21	245F55-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-22	245F46-1-1	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-23	245F46-1-2	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-24	245F46-2-1	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-25	245F46-2-2	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-01	BC279304-LOZ-END-1-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-02	BC279304-LOZ-END-1-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3266-01	ENV-3-6FT	36	1.15	11.10	12.25	10.06	80.3	
Q3266-02	ENV-3-6FT	37	1.14	10.18	11.32	10.00	87.0	

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

WORKLIST(Hardcopy Internal Chain)

137380

WorkList Name : %1-100125

WorkList ID : 192195

Department : Wet-Chemistry

Date : 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3257-01	ENV1-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/30/2025	Chemtech -SO
Q3257-02	ENV2-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/29/2025	Chemtech -SO
Q3262-01	PAD-100125	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-02	MOO-25-0280	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-04	MOO-25-0282	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-05	MOO-25-0281-82	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-07	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-08	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-01	L23A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-02	L23B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-03	L24A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-04	L24B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-05	L25A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-06	L25B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-07	L26A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-08	L26B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-09	L27A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-10	L27B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-11	L28A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-12	L29A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-13	L30A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15
 Raw Sample Received by: JH WWC
 Raw Sample Relinquished by: CP SN

Date/Time 10/01/25 17:30
 Raw Sample Received by: CP SN
 Raw Sample Relinquished by: JH WWC

WORKLIST(Hardcopy Internal Chain)

17137380

WorkList Name : %1-100125 WorkList ID : 192195 Department : Wet-Chemistry Date : 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3264-14	L31A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-15	L32A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-16	L33A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-17	L33B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-18	L34A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-19	L34B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-20	245F55-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-21	245F55-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-22	245F46-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-23	245F46-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-24	245F46-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-25	245F46-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-01	BC279304-LOZ-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-02	BC279304-LOZ-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3266-01	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO
Q3266-02	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15
Raw Sample Received by: rsd wgy
Raw Sample Relinquished by: cf sw

Date/Time 10/01/25 17:30
Raw Sample Received by: cf sw
Raw Sample Relinquished by: rsd wgy

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Solid

Wegh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strlp Lot#: E3880

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,4,7

Extraction Start Date : 10/01/2025

Extraction Start Time : 09:05

Extraction End Date : 10/01/2025

Extraction End Time : 16:15

Concentration By: EH

Supervisor By : ritesh

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

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24929
Surrogate	1.0ML	5000 PPB	PP24916
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	EP2641
Acidified Na2SO4	N/A	EP2633
Sand	N/A	E3951
HCL	N/A	M6200
DI WATER	N/A	N/A
37% KOH	N/A	EP2616
Methylene Chloride	N/A	E3973
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3969
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2637
Hexane	N/A	E3971
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

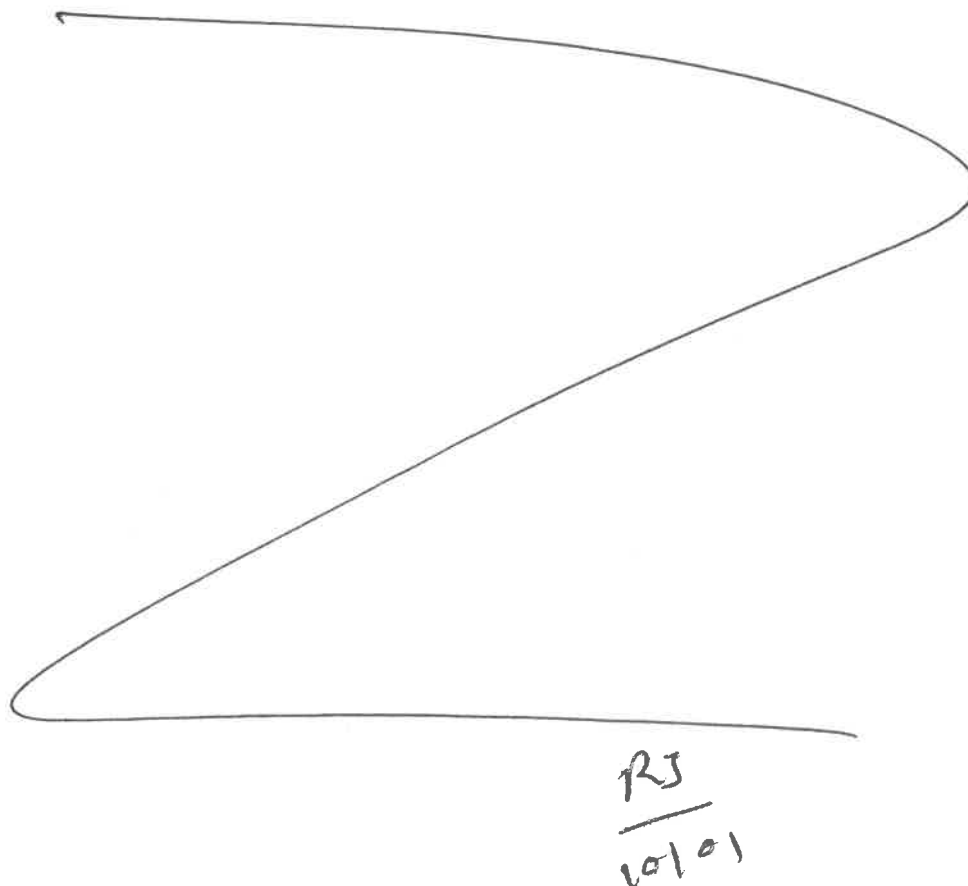
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/01/25 16:20	RJ (EXT-Lab)	Y-P-PestHPCB
	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 10/01/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169931BL	HBLK931	Herbicide	30.01	N/A	ritesh	Evelyn	10			U2-1
PB169931BS	HLCS931	Herbicide	30.02	N/A	ritesh	Evelyn	10			2
Q3253-01	ARS20-0009	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		3
Q3256-01	SOIL-PILE-1-WC	Herbicide	30.04	N/A	ritesh	Evelyn	10	B		4
Q3256-05	SOIL-PILE-2-WC	Herbicide	30.08	N/A	ritesh	Evelyn	10	B		5
Q3257-01	ENV1-6FT	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		6
Q3257-02	ENV2-6FT	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		U3-1
Q3257-02MS	ENV2-6FTMS	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		2
Q3257-02MS D	ENV2-6FTMSD	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3



RJ
10/01

16931
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3253H WorkList ID : 192205 Department : Extraction Date : 10-01-2025 08:25:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3253-01	ARS20-0009	Solid	Herbicide	Cool 4 deg C	PSEG03	D31	09/30/2025	8151A
Q3256-01	SOIL-PILE-1-WC	Solid	Herbicide	Cool 4 deg C	PSEG03	D31	09/30/2025	8151A
Q3256-05	SOIL-PILE-2-WC	Solid	Herbicide	Cool 4 deg C	PSEG03	D31	09/30/2025	8151A
Q3257-01	ENV1-6FT	Solid	Herbicide	Cool 4 deg C	CAMP02	D31	09/30/2025	8151A
Q3257-02	ENV2-6FT	Solid	Herbicide	Cool 4 deg C	CAMP02	D31	09/30/2025	8151A

Date/Time 10/01/25 9:00
Raw Sample Received by: R3 EXT-(lab)
Raw Sample Relinquished by: CP SM

Date/Time 10/01/25 9:30
Raw Sample Received by: CP SM
Raw Sample Relinquished by: R3 EXT-(lab)

Prep Standard - Chemical Standard Summary

Order ID : Q3257

Test : Herbicide

Prepbatch ID : PB169931,

Sequence ID/Qc Batch ID: Ps100125,PS100225,ps100325,

Standard ID :

EP2633,EP2641,PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24916,PP24921,PP24922,PP24923,PP24929,

Chemical ID :

E3875,E3933,E3951,E3952,E3966,E3972,E3973,M6157,M6200,P11183,P12620,P12630,P12689,P13547,P13548,P13549,P13550,P14071,P8829,



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
601	Acidified Sodium Sulphate 2	EP2633	08/15/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2	None	Riteshkumar Patel
(EX-SC-2) FROM 1000.00000ml of E3952 + 150.00000ml of M6157 + 3000.00000ml of E3875 = Final Quantity: 3000.000 gram								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2641	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel 09/16/2025
<u>FROM</u> 8000.00000ml of E3972 + 8000.00000ml of E3973 = Final Quantity: 16000.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1321	2/200 PPM Herb Mega Mix	PP24553	05/12/2025	11/05/2025	Abdul Mirza	None	None	Yogesh Patel 05/22/2025
<u>FROM</u>	0.20000ml of P8829 + 1.00000ml of P11183 + 1.00000ml of P12620 + 1.00000ml of P12630 + 1.00000ml of P12689 + 95.80000ml of E3933 = Final Quantity: 100.000 ml							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1456	200 PPB Herb MIX STD	PP24556	05/12/2025	11/05/2025	Abdul Mirza	None	None	Yogesh Patel 05/22/2025
<u>FROM</u>	0.90000ml of E3933 + 0.10000ml of PP24553 = Final Quantity: 1.000 ml							

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1455	500 PPB Herb MIX STD	PP24557	05/12/2025	11/05/2025	Abdul Mirza	None	None	Yogesh Patel
								05/22/2025

FROM 0.75000ml of E3933 + 0.25000ml of PP24553 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1453	1000 PPB Herb MIX STD	PP24558	05/12/2025	11/05/2025	Abdul Mirza	None	None	Yogesh Patel
								05/22/2025

FROM 0.50000ml of E3933 + 0.50000ml of PP24553 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1454	750 PPB Herb MIX STD	PP24559	05/12/2025	11/05/2025	Abdul Mirza	None	None	Yogesh Patel
								05/22/2025

FROM 0.25000ml of E3933 + 0.75000ml of PP24558 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1452	1500 PPB HERB MIX STD	PP24560	05/12/2025	11/05/2025	Abdul Mirza	None	None	Yogesh Patel
								05/22/2025

FROM 0.25000ml of E3933 + 0.75000ml of PP24553 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1330	100 PPM NJEPH Spike Solution	PP24916	09/02/2025	03/02/2026	Abdul Mirza	None	None	Yogesh Patel
								09/17/2025

FROM

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1851	2/200 PPM Herb Mega Mix 2nd Source	PP24921	08/07/2025	02/07/2026	Abdul Mirza	None	None	Yogesh Patel
								09/22/2025

FROM 0.50000ml of P14071 + 1.00000ml of P13547 + 48.50000ml of E3966 = Final Quantity: 50.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1854	1000 PPB HERB MIX ICV STD	PP24922	08/07/2025	02/07/2026	Abdul Mirza	None	None	Yogesh Patel
								09/22/2025

FROM 0.50000ml of E3966 + 0.50000ml of PP24921 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1691	750 PPB ICV HERB STD	PP24923	08/07/2025	02/07/2026	Abdul Mirza	None	None	Yogesh Patel
								09/22/2025

FROM 0.25000ml of E3966 + 0.75000ml of PP24922 = Final Quantity: 1.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1848	5000/500000 PPB Herbicide Spike (Free Acid)	PP24929	09/18/2025	03/18/2026	Abdul Mirza	None	None	Yogesh Patel
<u>FROM</u> 0.50000ml of P13550 + 1.00000ml of P13548 + 1.00000ml of P13549 + 47.50000ml of E3972 = Final Quantity: 50.000 ml								

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3933

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9244-03 / Ether, Anhydrous, Purified (cs/4x4L)	250419	05/31/2026	07/09/2025 / RUPESH	07/09/2025 / RUPESH	E3952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	08/22/2025 / RUPESH	08/20/2025 / RUPESH	E3966

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	09/15/2025 / Riteshkumar	09/15/2025 / Riteshkumar	E3973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/10/2026	09/11/2025 / Sagar	08/25/2025 / Sagar	M6200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32050 / Herbicide, 8000 series, 515 Surrogate [ester] 2,4-dichlorophenyl acetic acid methyl ester, 1mL, 200ug/mL, Hexane	A0172864	11/12/2025	05/12/2025 / Abdul	11/01/2021 / Abdul	P11183

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32062 / Herbicide Mix, 500/8000, Standard #4 [methyl ester] 200ug/mL, hexane, 1mL/ampul	A0155055	11/12/2025	05/12/2025 / Abdul	07/03/2023 / Abdul	P12620

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32055 / Herbicide Mix, 500/8000, Standard #1 [methyl ester] 200ug/mL, hexane, 1mL/ampul	A192429	11/12/2025	05/12/2025 / Abdul	07/03/2023 / Abdul	P12630

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32059 / Herbicide Mix#3 (Methyl Ester), 20000 ug/ml	A0199844	11/12/2025	05/12/2025 / Abdul	07/24/2023 / Abdul	P12689

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	HBM-8151A / Chlorinated Herbicide Mixtures, Free Acids	0006810955	02/07/2026	08/07/2025 / Abdul	09/24/2024 / Abdul	P13547

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	HBM-8151A / Chlorinated Herbicide Mixtures, Free Acids	0006810955	02/07/2026	08/07/2025 / Abdul	09/24/2024 / Abdul	P13547

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	HBM-8151A / Chlorinated Herbicide Mixtures, Free Acids	0006810955	03/18/2026	09/18/2025 / Abdul	09/24/2024 / Abdul	P13548

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	HBM-8151A / Chlorinated Herbicide Mixtures, Free Acids	0006810955	03/18/2026	09/18/2025 / Abdul	09/24/2024 / Abdul	P13548

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	HBM-8151A / Chlorinated Herbicide Mixtures, Free Acids	0006810955	03/18/2026	09/18/2025 / Abdul	09/24/2024 / Abdul	P13549

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	HBM-8151A / Chlorinated Herbicide Mixtures, Free Acids	0006810955	03/18/2026	09/18/2025 / Abdul	09/24/2024 / Abdul	P13549

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	HBM-8151A / Chlorinated Herbicide Mixtures, Free Acids	0006810955	03/18/2026	09/18/2025 / Abdul	09/24/2024 / Abdul	P13550

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	HBM-8151A / Chlorinated Herbicide Mixtures, Free Acids	0006810955	03/18/2026	09/18/2025 / Abdul	09/24/2024 / Abdul	P13550

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32050 / Herbicide, 8000 series, 515 Surrogate [ester] 2,4-dichlorophenyl acetic acid methyl ester, 1mL, 200ug/mL, Hexane	A0221255	02/07/2026	08/07/2025 / Abdul	06/23/2025 / anahy	P14071

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32254 / Dalapon Methyl Ester, 1000 ug/ml	A0148063	11/12/2025	05/12/2025 / Abdul	08/16/2019 / Stephen	P8829



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

 **avantorsTM**



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3933



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/12/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

Catalogue Number	E198
Lot Number	250419
Description	ETHYL ETHER, HPLC GRADE
CAS Number	60-29-7
Quality Test/Release Date	02/Jun/2025
Suggested retest date	31/May/2026
Country of Origin	Mexico
Declaration of Origin	Organic - synthetic
BSE/TSE	This product was derived from synthetic raw materials and the manufacturing process excluded contamination with any animal products.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid free of suspended matter
ASSAY	%	>= 99	99.95
CARBONYL COMPOUNDS	%	<= 0.001	<0.001
COLOR	APHA	<= 10	5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.708 - 0.710	0.710
EVAPORATION RESIDUE	ppm	<= 5	0.1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 218 NM	ABSORBANCE UNITS	<= 1.00	0.15
OPTICAL ABS AT 254 NM	ABSORBANCE UNITS	<= 0.07	0.03
OPTICAL ABS AT 280 NM	ABSORBANCE UNITS	<= 0.02	0.003
OPTICAL ABS AT 350 NM	ABSORBANCE UNITS	<= 0.01	<0.001
PEROXIDE	ppm	<= 5	<1
PRESERVATIVE - ETHANOL	%	Inclusive Between 1.5 - 2.5	1.6
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.3490 - 1.3520	1.3498
SUBSTANCES DARKENED BY H2SO4	PASS/FAIL	= PASS TEST	PASS TEST
TITRATABLE ACID	MEQ/G	<= 0.0002	<0.00003
WATER (H2O)	%	<= 0.01	0.008



Matthew Micek
QC Supervisor

Received on 7/9/25

E3952

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

Avantor

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	$\leq 1.0 \text{ ppm}$	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3966



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087 U.S.A. Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3972

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™



MG157
MS

Material No.: 9673-33

Batch No.: 24I1262013

Manufactured Date: 2024-08-07

Retest Date: 2029-08-06

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H ₂ SO ₄)	95.0 – 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	<1 ppm
ACS – Substances Reducing Permanganate(as SO ₂)	<= 2 ppm	<2 ppm
Ammonium (NH ₄)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO ₃)	<= 0.2 ppm	0.1 ppm
Phosphate (PO ₄)	<= 0.5 ppm	<0.1 ppm
Trace Impurities – Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities – Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities – Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities – Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities – Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities – Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities – Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities – Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities – Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities – Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities – Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities – Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities – Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Sulfuric Acid

BAKER INSTRA-ANALYZED® Reagent

For Trace Metal Analysis

Low Selenium

 **avantors**™



Material No.: 9673-33

Batch No.: 2411262013

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 1.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	1.1 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 1.0 ppb

For Laboratory, Research, or Manufacturing Use

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak

Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA–ANALYZED® Reagent
For Trace Metal Analysis



M6200
R.O → 08/25/25

Material No.: 9530–33
Batch No.: 24D1562005
Manufactured Date: 2024–03–18
Retest Date: 2029–03–17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid–base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.192
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl ₂)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO ₄)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO ₃)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH ₄)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis



Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA–ANALYZED® Reagent
For Trace Metal Analysis

 **avantor**™



Material No.: 9530–33
Batch No.: 24D1562005

Test	Specification	Result
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For Laboratory, Research, or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak
Director Quality Operations, Bioscience Production

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

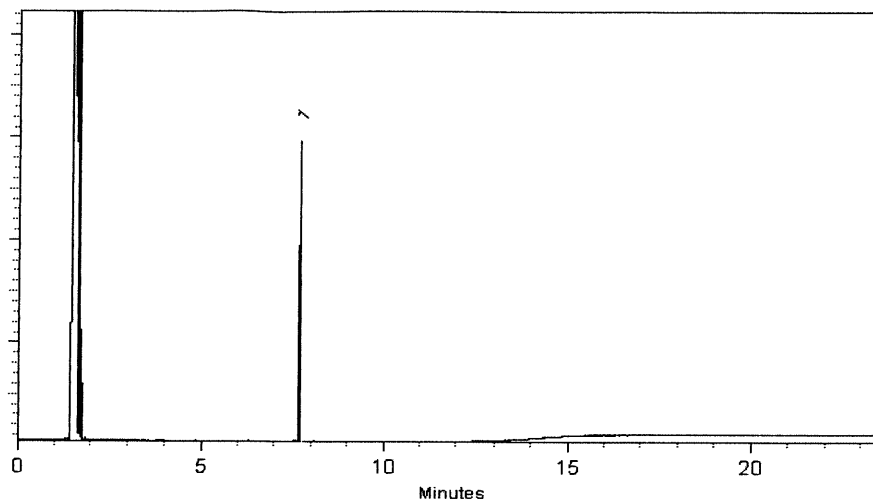
250°C

Det. Temp:

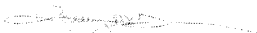
330°C

Det. Type:

FID

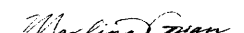


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Katelyn McGinnis - Operations Tech I

Date Mixed: 28-May-2021

Balance: B345965662


Marlene Cowan - Operations Tech I

Date Passed: 02-Jun-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

1911177
70
P 111 86
AR
11/02/21



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32050 **Lot No.:** A0172864

Description : 2,4-Dichlorophenylacetic Acid Methyl Ester Standard

515 Surrogate (ester) 2, 4-dichlorophenyl Acetic Acid Methyl Ester
200µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 29, 2028 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	2,4-Dichlorophenyl acetic acid methyl ester	202.0 µg/mL	+/- 1.4323 µg/mL Gravimetric
	CAS # 55954-23-9 (Lot CSC42194-01)		+/- 6.8182 µg/mL Unstressed
	Purity 99%		+/- 6.8182 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11177
↓
P11186
—
AR
01/02/21



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32062 **Lot No.:** A0155055

Description : Herbicide Mix #4/ME (Methyl Ester)

Herbicide Mix #4/ME (Methyl Ester) 200µg/mL,
Hexane/Methyl-tert-butyl-ether, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 10°C or colder

P12616 / (5)
↓
P12620
✓ *Paul* = 7/5/2023

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	3,5-Dichlorobenzoic acid methyl ester CAS # 2905-67-1 (Lot 3903900) Purity 99%	200.0 µg/mL	+/- 1.4182	µg/mL	Gravimetric	
			+/- 6.7507	µg/mL	Unstressed	
			+/- 6.7507	µg/mL	Stressed	
2	4-Nitroanisole CAS # 100-17-4 (Lot 24765/7) Purity 99%	200.0 µg/mL	+/- 1.4182	µg/mL	Gravimetric	
			+/- 6.7507	µg/mL	Unstressed	
			+/- 6.7507	µg/mL	Stressed	
3	Pentachloroanisole CAS # 1825-21-4 (Lot 7921100) Purity 99%	200.0 µg/mL	+/- 1.4182	µg/mL	Gravimetric	
			+/- 6.7507	µg/mL	Unstressed	
			+/- 6.7507	µg/mL	Stressed	
4	Chloramben methyl ester CAS # 7286-84-2 (Lot 6487100) Purity 98%	199.9 µg/mL	+/- 1.4176	µg/mL	Gravimetric	
			+/- 6.7480	µg/mL	Unstressed	
			+/- 6.7480	µg/mL	Stressed	
5	Bentazon methyl ester CAS # 61592-45-8 (Lot 817100) Purity 99%	200.0 µg/mL	+/- 1.4182	µg/mL	Gravimetric	
			+/- 6.7507	µg/mL	Unstressed	
			+/- 6.7507	µg/mL	Stressed	
6	Picloram methyl ester CAS # 14143-55-6 (Lot 386-21B) Purity 98%	201.9 µg/mL	+/- 1.4315	µg/mL	Gravimetric	
			+/- 6.8141	µg/mL	Unstressed	
			+/- 6.8141	µg/mL	Stressed	
7	DCPA methyl ester (Chlorthal-dimethyl) CAS # 1861-32-1 (Lot 8008700) Purity 99%	200.0 µg/mL	+/- 1.4182	µg/mL	Gravimetric	
			+/- 6.7507	µg/mL	Unstressed	
			+/- 6.7507	µg/mL	Stressed	

8	Acifluorfen methyl ester	200.0 µg/mL	+/- 1.4182	µg/mL	Gravimetric
	CAS # 50594-67-7 (Lot 6282300)		+/- 6.7507	µg/mL	Unstressed
	Purity 99%		+/- 6.7507	µg/mL	Stressed

Solvent: Hexane/Methyl-tert-butyl-ether
CAS # 110-54-3/1634-04-4
Purity 99%

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

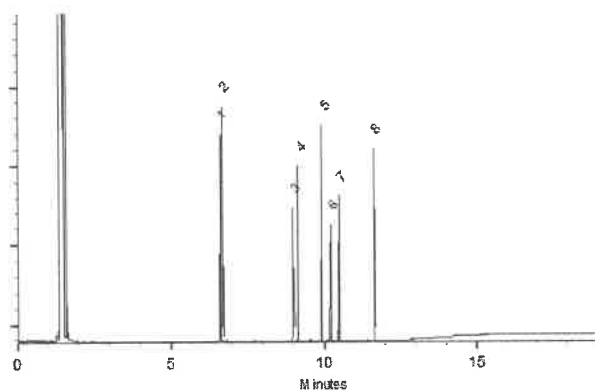
250°C

Det. Temp:

330°C

Det. Type:

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maje

Date Mixed: 14-Nov-2019 **Balance:** 1128353505

Justine Albertson
Justine Albertson - Operations Tech-ARM QC

Date Passed: 18-Nov-2019

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32055 **Lot No.:** A0192429

Description : Herbicide Mix #1/ME (Methyl Ester)
Herbicide Mix #1/ME (Methyl Ester) 200 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

P12626 / 5
P12630
7/5/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dicamba methyl ester	6597-78-0	11705400	99%	201.6 µg/mL	+/- 3.4204
2	Dichlorprop methyl ester	57153-17-0	11672100	99%	201.4 µg/mL	+/- 3.4170
3	2,4-D methyl ester	1928-38-7	10048000	99%	201.2 µg/mL	+/- 3.4136
4	2,4,5-TP (silvex) methyl ester	4841-20-7	6364900	99%	201.2 µg/mL	+/- 3.4136
5	2,4,5-T methyl ester	1928-37-6	6875800	98%	200.7 µg/mL	+/- 3.4052
6	Dinoseb methyl ether	6099-79-2	12914300	99%	200.8 µg/mL	+/- 3.4068
7	2,4-DB methyl ester	18625-12-2	12542000	99%	201.0 µg/mL	+/- 3.4102

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

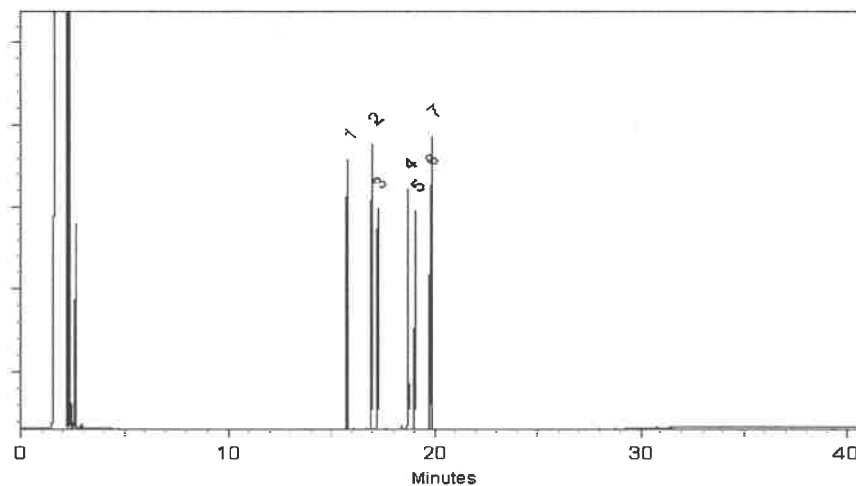
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 09-Dec-2022

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 12-Dec-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32059 **Lot No.:** A0199844

Description : Herbicide Mix #3/ME (Methyl Ester)
Herbicide Mix #3/ME (Methyl Ester) 20,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

P 12685 / (S)
↓
P 12689
↓
RAU = 7/24/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	MCPP (Mecoprop) methyl ester	23844-56-6	14546400	99%	20,035.0 µg/mL	+/- 360.1907
2	MCPA methyl ester	2436-73-9	SL201209	99%	20,055.0 µg/mL	+/- 360.5503

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

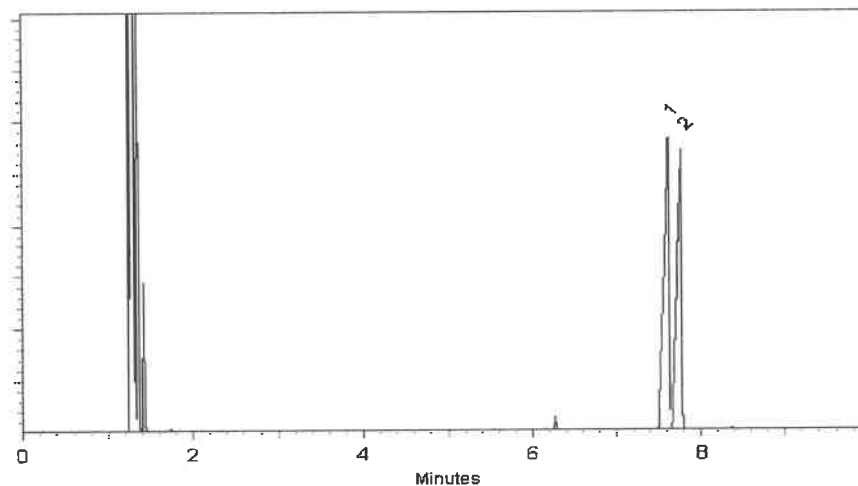
FID

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Morgan Craighead - Mix Technician

Date Mixed: 12-Jul-2023

Balance Serial # B442140311


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 19-Jul-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Reference Material Certificate
Product Information Sheet

Product Name: Chlorinated Herbicides Standard
Product Number: HBM-8151A-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006810955
Lot Issue Date: 20-Aug-2024
Expiration Date: 30-Sep-2026

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
acifluorfen	100.2 ±	0.5 µg/mL	050594-66-6	NT02057
bentazon	100.4 ±	0.5 µg/mL	025057-89-0	RM21359
chloramben	100.3 ±	0.5 µg/mL	000133-90-4	RM02698
2,4-D	100.4 ±	0.5 µg/mL	000094-75-7	RM17172
dalapon	100.4 ±	0.5 µg/mL	000075-99-0	RM19677
2,4-DB	100.1 ±	0.5 µg/mL	000094-82-6	RM02866
tetrachloroterephthalic acid	100.4 ±	0.5 µg/mL	002136-79-0	RM15140
dicamba	100.3 ±	0.5 µg/mL	001918-00-9	RM22113
3,5-dichlorobenzoic acid	100.4 ±	0.5 µg/mL	000051-36-5	RM02768
dichlorprop	100.2 ±	0.5 µg/mL	000120-36-5	RM21688
dinoseb	100.3 ±	0.5 µg/mL	000088-85-7	RM22275
MCPA	10019 ±	50 µg/mL	000094-74-6	RM12220
MCPP (mecoprop)	10011 ±	50 µg/mL	000093-65-2	RM09273
4-nitrophenol	100.4 ±	0.5 µg/mL	000100-02-7	RM02391
pentachlorophenol	100.2 ±	0.5 µg/mL	000087-86-5	RM02474
picloram	100.4 ±	0.5 µg/mL	001918-02-1	RM20442
silvex	100.5 ±	0.5 µg/mL	000093-72-1	RM22116
2,4,5-T	100.3 ±	0.5 µg/mL	000093-76-5	RM19314

Matrix: methanol (methyl alcohol)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

P13541
↓
P13561
20
9/25/2024

Reference Material Certificate
Product Information Sheet

Product Name: Chlorinated Herbicides Standard
Product Number: HBM-8151A-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006810955
Lot Issue Date: 20-Aug-2024
Expiration Date: 30-Sep-2026

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
acifluorfen	100.2 ±	0.5 µg/mL	050594-66-6	NT02057
bentazon	100.4 ±	0.5 µg/mL	025057-89-0	RM21359
chloramben	100.3 ±	0.5 µg/mL	000133-90-4	RM02698
2,4-D	100.4 ±	0.5 µg/mL	000094-75-7	RM17172
dalapon	100.4 ±	0.5 µg/mL	000075-99-0	RM19677
2,4-DB	100.1 ±	0.5 µg/mL	000094-82-6	RM02866
tetrachloroterephthalic acid	100.4 ±	0.5 µg/mL	002136-79-0	RM15140
dicamba	100.3 ±	0.5 µg/mL	001918-00-9	RM22113
3,5-dichlorobenzoic acid	100.4 ±	0.5 µg/mL	000051-36-5	RM02768
dichlorprop	100.2 ±	0.5 µg/mL	000120-36-5	RM21688
dinoseb	100.3 ±	0.5 µg/mL	000088-85-7	RM22275
MCPA	10019 ±	50 µg/mL	000094-74-6	RM12220
MCPP (mecoprop)	10011 ±	50 µg/mL	000093-65-2	RM09273
4-nitrophenol	100.4 ±	0.5 µg/mL	000100-02-7	RM02391
pentachlorophenol	100.2 ±	0.5 µg/mL	000087-86-5	RM02474
picloram	100.4 ±	0.5 µg/mL	001918-02-1	RM20442
silvex	100.5 ±	0.5 µg/mL	000093-72-1	RM22116
2,4,5-T	100.3 ±	0.5 µg/mL	000093-76-5	RM19314

Matrix: methanol (methyl alcohol)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

P13541
↓
P13561
20
9/25/2024

**Reference Material Certificate
Product Information Sheet**

Product Name: Chlorinated Herbicides Standard
Product Number: HBM-8151A-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006810955
Lot Issue Date: 20-Aug-2024
Expiration Date: 30-Sep-2026

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
acifluorfen	100.2 ±	0.5 µg/mL	050594-66-6	NT02057
bentazon	100.4 ±	0.5 µg/mL	025057-89-0	RM21359
chloramben	100.3 ±	0.5 µg/mL	000133-90-4	RM02698
2,4-D	100.4 ±	0.5 µg/mL	000094-75-7	RM17172
dalapon	100.4 ±	0.5 µg/mL	000075-99-0	RM19677
2,4-DB	100.1 ±	0.5 µg/mL	000094-82-6	RM02866
tetrachloroterephthalic acid	100.4 ±	0.5 µg/mL	002136-79-0	RM15140
dicamba	100.3 ±	0.5 µg/mL	001918-00-9	RM22113
3,5-dichlorobenzoic acid	100.4 ±	0.5 µg/mL	000051-36-5	RM02768
dichlorprop	100.2 ±	0.5 µg/mL	000120-36-5	RM21688
dinoseb	100.3 ±	0.5 µg/mL	000088-85-7	RM22275
MCPA	10019 ±	50 µg/mL	000094-74-6	RM12220
MCPP (mecoprop)	10011 ±	50 µg/mL	000093-65-2	RM09273
4-nitrophenol	100.4 ±	0.5 µg/mL	000100-02-7	RM02391
pentachlorophenol	100.2 ±	0.5 µg/mL	000087-86-5	RM02474
picloram	100.4 ±	0.5 µg/mL	001918-02-1	RM20442
silvex	100.5 ±	0.5 µg/mL	000093-72-1	RM22116
2,4,5-T	100.3 ±	0.5 µg/mL	000093-76-5	RM19314

Matrix: methanol (methyl alcohol)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

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9/25/2024

Reference Material Certificate
Product Information Sheet

Product Name: Chlorinated Herbicides Standard
Product Number: HBM-8151A-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006810955
Lot Issue Date: 20-Aug-2024
Expiration Date: 30-Sep-2026

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
acifluorfen	100.2 ±	0.5 µg/mL	050594-66-6	NT02057
bentazon	100.4 ±	0.5 µg/mL	025057-89-0	RM21359
chloramben	100.3 ±	0.5 µg/mL	000133-90-4	RM02698
2,4-D	100.4 ±	0.5 µg/mL	000094-75-7	RM17172
dalapon	100.4 ±	0.5 µg/mL	000075-99-0	RM19677
2,4-DB	100.1 ±	0.5 µg/mL	000094-82-6	RM02866
tetrachloroterephthalic acid	100.4 ±	0.5 µg/mL	002136-79-0	RM15140
dicamba	100.3 ±	0.5 µg/mL	001918-00-9	RM22113
3,5-dichlorobenzoic acid	100.4 ±	0.5 µg/mL	000051-36-5	RM02768
dichlorprop	100.2 ±	0.5 µg/mL	000120-36-5	RM21688
dinoseb	100.3 ±	0.5 µg/mL	000088-85-7	RM22275
MCPA	10019 ±	50 µg/mL	000094-74-6	RM12220
MCPP (mecoprop)	10011 ±	50 µg/mL	000093-65-2	RM09273
4-nitrophenol	100.4 ±	0.5 µg/mL	000100-02-7	RM02391
pentachlorophenol	100.2 ±	0.5 µg/mL	000087-86-5	RM02474
picloram	100.4 ±	0.5 µg/mL	001918-02-1	RM20442
silvex	100.5 ±	0.5 µg/mL	000093-72-1	RM22116
2,4,5-T	100.3 ±	0.5 µg/mL	000093-76-5	RM19314

Matrix: methanol (methyl alcohol)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

P13541
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9/25/2024



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32050 **Lot No.:** A0221255

Description : 2,4-Dichlorophenylacetic Acid Methyl Ester Standard

515 Surrogate (ester) 2, 4-dichlorophenyl Acetic Acid Methyl Ester
200µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2031 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

P14064
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P14073 } AC
6/23/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dichlorophenyl acetic acid methyl ester	55954-23-9	13054200	99%	202.0 µg/mL	+/- 3.4272

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01



ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32254 **Lot No.:** A0148063
Description : Dalapon methyl ester Standard
Dalapon methyl ester 1000µg/mL, Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2026 **Storage:** 10°C or colder
Handling: This product is photosensitive.

Received by
SG on 8/16/19
P8828
P8826

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Dalapon methyl ester CAS # 17640-02-7 Purity 98% (Lot 1764600)	999.6 µg/mL	+/- 10.0697 µg/mL Gravimetric +/- 34.4896 µg/mL Unstressed +/- 34.4896 µg/mL Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

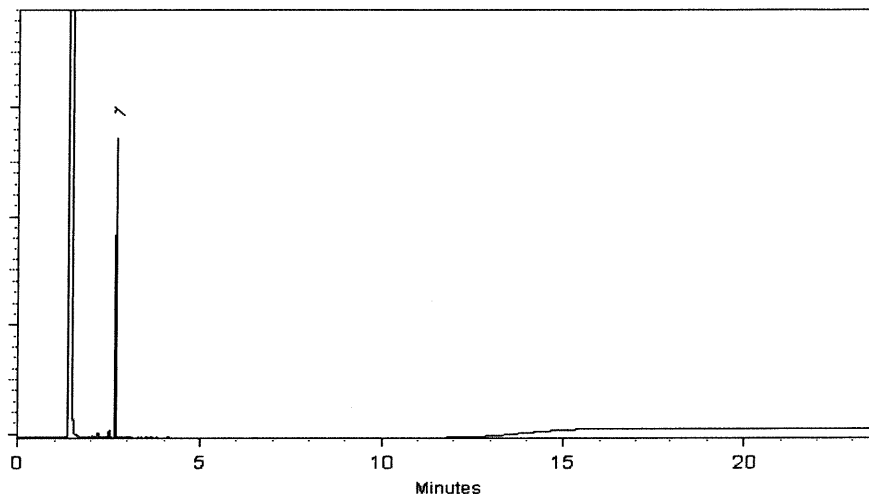
250°C

Det. Temp:

330°C

Det. Type:

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Apr-2019

Balance: 1127510105

Feng-Yin Lo - QC Analyst

Date Passed: 15-Apr-2019

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP: 08839
ATTENTION: Marcie Encinas
PHONE: 908-642-5565 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: Teco CJO WTP PFAS - Geotail
PROJECT NO.: 295110 LOCATION: Edison, NJ
PROJECT MANAGER: David Tanzi
e-mail: TANZIDJ@cdmsmith.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM Smith PO#:
ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP: 08839
ATTENTION: Marcie Encinas PHONE: 908-642-5565

ANALYSIS

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) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

1. EPH 2. Herbicide 3. TAL Metal 4. Hg 5. TCL Pesticide 6. PCB 7. TCL VOC +10 8. TC LVOC +20 9.

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	ENV 1 - 6ft	Soil		X	9/30/25	10:50	4	X	X	X	X	X	X	X	X		
2.	ENV 2 - 6ft	Soil		X	9/30/25	11:10	4	X	X	X	X	X	1	X	X		
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. TH	DATE/TIME: 9/30/25 12:35	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.0 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 9-30-25	RECEIVED BY: 3.	Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3257	CAMP02	Order Date : 9/30/2025 2:40:01 PM	Project Mgr :
Client Name : CDM Smith		Project Name : MWCO CJO WTP Edison 2	Report Type : Level 2
Client Contact : Marcie Ann Encinas		Receive DateTime : 9/30/2025 12:00:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : CDM Smith		Purchase Order : 15:40	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3257-01	ENV1-6FT	Solid	09/30/2025	10:50					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3257-02	ENV2-6FT	Solid	09/30/2025 09/29/2025	11:10					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By :

Date / Time :


9-30-25 1600

Received By :

Date / Time :


9/30/25 1600

Storage Area : VOA Refridgerator Room