

Cover Page

Order ID : Q3032

Project ID : 3 Coal Ave., Morristown, NJ

Client : Zuccaro Inc.

Lab Sample Number

Q3032-01
Q3032-02
Q3032-03
Q3032-04
Q3032-05
Q3032-06

Client Sample Number

SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-2
SOIL-PILE-2
SOIL-PILE-2

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

Signature : _____

Date: 9/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3032

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 09/13/2025

LAB CHRONICLE

OrderID:	Q3032	OrderDate:	9/5/2025 12:41:17 PM
Client:	Zuccaro Inc.	Project:	3 Coal Ave., Morristown, NJ
Contact:	Sal Zuccaro	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3032-01	SOIL-PILE-1	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-02	SOIL-PILE-1	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	09/05/25	09/11/25 09/11/25	09/11/25 09/11/25	09/05/25
Q3032-04	SOIL-PILE-2	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-05	SOIL-PILE-2	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	09/05/25	09/11/25 09/11/25	09/11/25 09/11/25	09/05/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3032

Order ID: Q3032

Client: Zuccaro Inc.

Project ID: 3 Coal Ave., Morristown, NJ

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.: Q3032

Client: Zuccaro Inc.

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		70 (61)	130 (136)
		2,4-DCAA	2	500	525	105		70 (61)	130 (136)
I.BLK-PS031704.D	PIBLK-PS031704.D	2,4-DCAA	1	500	484	97		70 (61)	130 (136)
		2,4-DCAA	2	500	553	111		70 (61)	130 (136)
PB169662BL	PB169662BL	2,4-DCAA	1	500	481	96		70 (61)	130 (136)
		2,4-DCAA	2	500	535	107		70 (61)	130 (136)
PB169662BS	PB169662BS	2,4-DCAA	1	500	582	116		70 (61)	130 (136)
		2,4-DCAA	2	500	569	114		70 (61)	130 (136)
PB169589TB	PB169589TB	2,4-DCAA	1	500	385	77		70 (61)	130 (136)
		2,4-DCAA	2	500	450	90		70 (61)	130 (136)
Q3032-02	SOIL-PILE-1	2,4-DCAA	1	500	427	85		70 (61)	130 (136)
		2,4-DCAA	2	500	501	100		70 (61)	130 (136)
Q3032-02MS	SOIL-PILE-1MS	2,4-DCAA	1	500	534	107		70 (61)	130 (136)
		2,4-DCAA	2	500	648	130		70 (61)	130 (136)
Q3032-02MSD	SOIL-PILE-1MSD	2,4-DCAA	1	500	558	112		70 (61)	130 (136)
		2,4-DCAA	2	500	658	132	*	70 (61)	130 (136)
Q3032-05	SOIL-PILE-2	2,4-DCAA	1	500	488	98		70 (61)	130 (136)
		2,4-DCAA	2	500	581	116		70 (61)	130 (136)
I.BLK-PS031713.D	PIBLK-PS031713.D	2,4-DCAA	1	500	495	99		70 (61)	130 (136)
		2,4-DCAA	2	500	536	107		70 (61)	130 (136)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PS031710.D</u>

		Sample					Rec		RPD		Limits	
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3032-02MS	Client Sample ID:		SOIL-PILE-1MS								
	(Column 1)											
	2,4-D	50	0	58.4	ug/L	117				70 (65)	130 (135)	
	2,4,5-TP(Silvex)	50	0	53.0	ug/L	106				70 (62)	130 (139)	
Lab Sample ID:	Q3032-02MS	Client Sample ID:		SOIL-PILE-1MS								
	(Column 2)											
	2,4-D	50	0	59.8	ug/L	120				70 (65)	130 (135)	
	2,4,5-TP(Silvex)	50	0	50.7	ug/L	101				70 (62)	130 (139)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PS031711.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3032-02MSD	Client Sample ID:	SOIL-PILE-1MSD								
(Column 1)											
2,4-D	50	0	57.9	ug/L	116		1		70 (65)	130 (135)	20 (20)
2,4,5-TP(Silvex)	50	0	53.0	ug/L	106		0		70 (62)	130 (139)	20 (20)
Lab Sample ID:	Q3032-02MSD	Client Sample ID:	SOIL-PILE-1MSD								
(Column 2)											
2,4-D	50	0	58.4	ug/L	117		3		70 (65)	130 (135)	20 (20)
2,4,5-TP(Silvex)	50	0	50.1	ug/L	100		1		70 (62)	130 (139)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: 8151A

Client: Zuccaro Inc.

Datafile : PS031707.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169662BS (Column 1)	2,4-D	5	6.20	ug/L	124				70 (83)	130 (130)	
	2,4,5-TP(Silvex)	5	5.40	ug/L	108				70 (78)	130 (127)	
PB169662BS (Column 2)	2,4-D	5	4.90	ug/L	98				70 (83)	130 (130)	
	2,4,5-TP(Silvex)	5	5.20	ug/L	104				70 (78)	130 (127)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169662BL

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169662BL

Lab File ID: PS031706.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/11/2025

Date Analyzed (1): 09/11/2025

Date Analyzed (2): 09/11/2025

Time Analyzed (1): 18:31

Time Analyzed (2): 18:31

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
PB169662BS	PB169662BS	PS031707.D	09/11/2025	09/11/2025
PB169589TB	PB169589TB	PS031708.D	09/11/2025	09/11/2025
SOIL-PILE-1	Q3032-02	PS031709.D	09/11/2025	09/11/2025
SOIL-PILE-1MS	Q3032-02MS	PS031710.D	09/11/2025	09/11/2025
SOIL-PILE-1MSD	Q3032-02MSD	PS031711.D	09/11/2025	09/11/2025
SOIL-PILE-2	Q3032-05	PS031712.D	09/11/2025	09/11/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PB169589TB	SDG No.:	Q3032
Lab Sample ID:	PB169589TB	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031708.D	1	09/11/25 09:00	09/11/25 19:19	PB169662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	450		70 (61) - 130 (136)	90%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:19
Operator : AR\AJ
Sample : PB169589TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169589TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:36:59 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	7.287	7.745	1385.5E6	409.3E6	384.701	450.337

Target Compounds

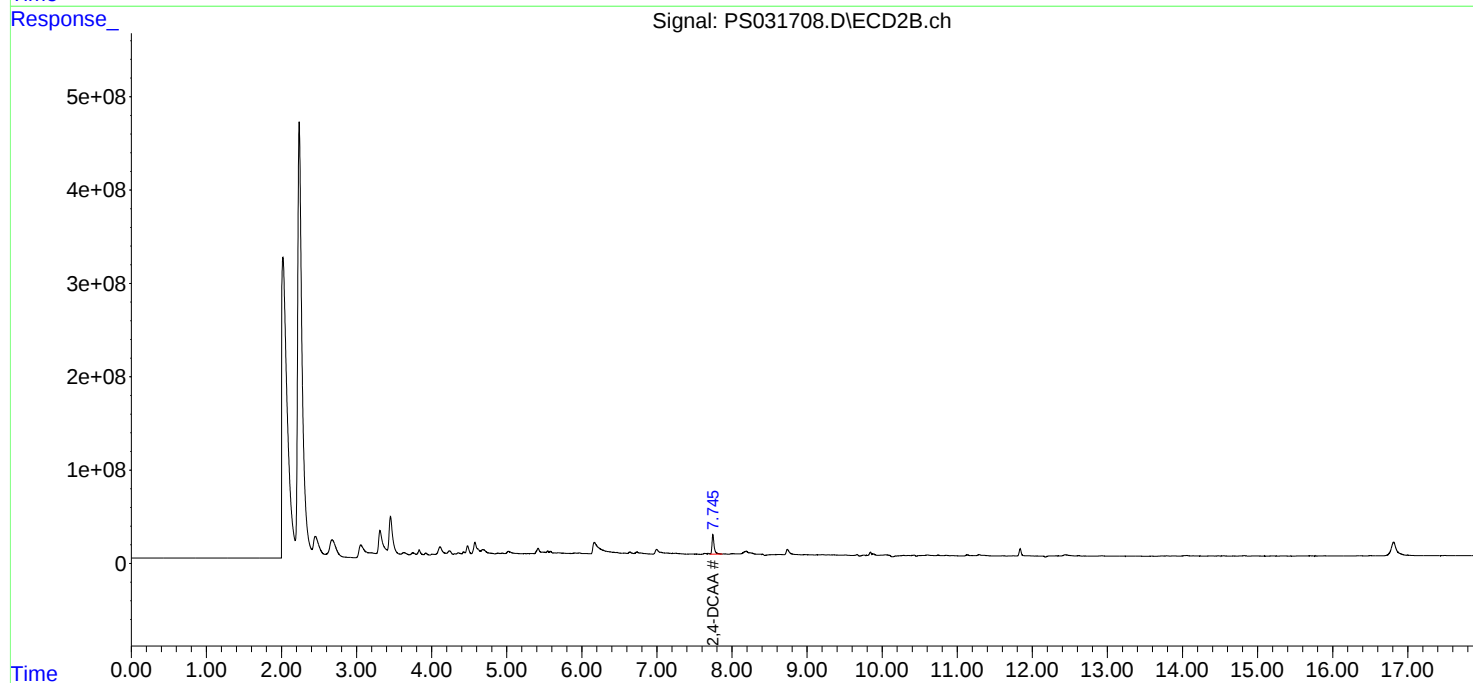
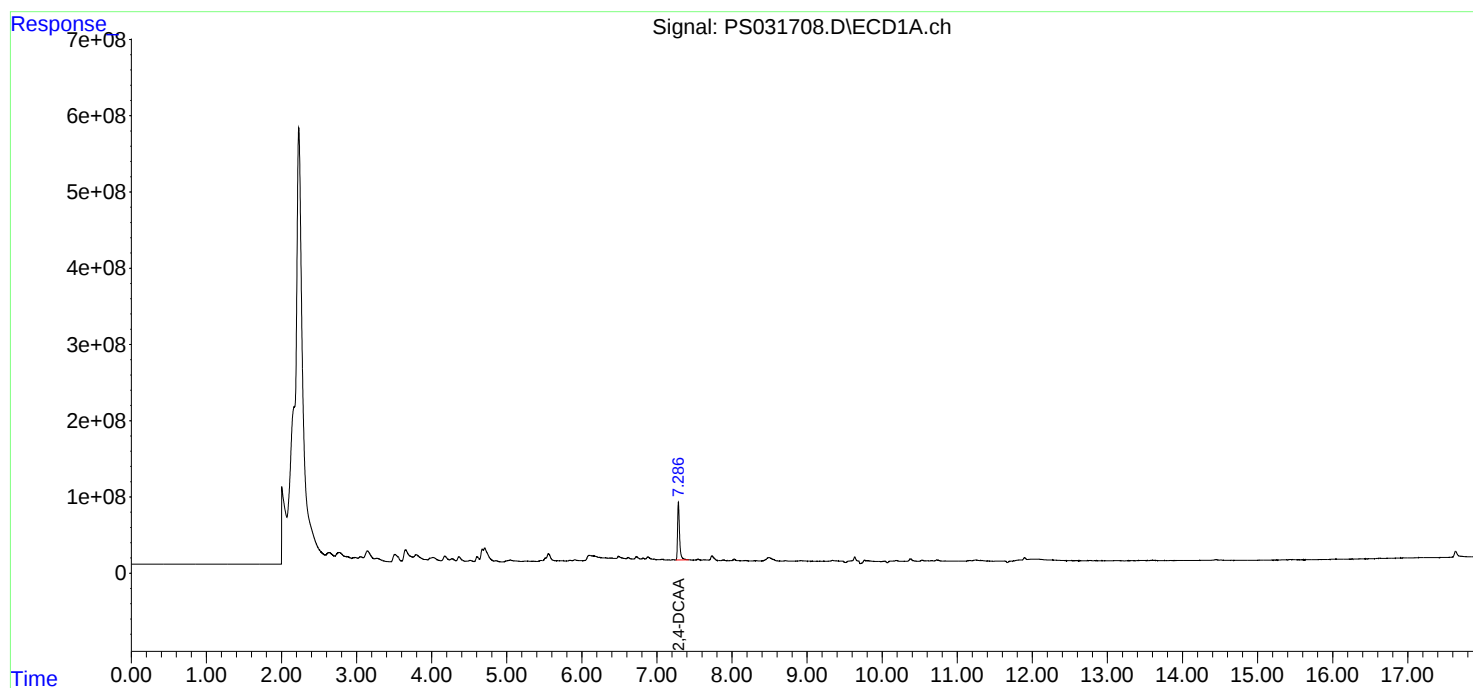
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

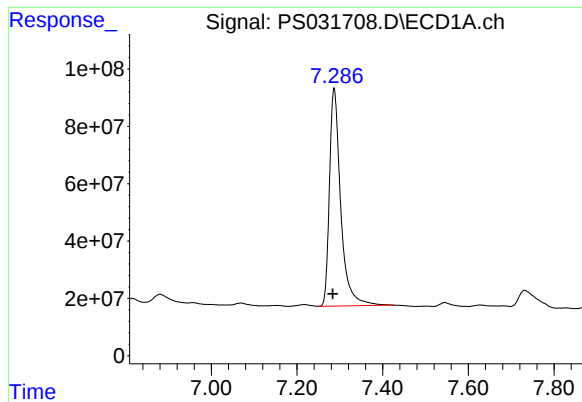
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:19
Operator : AR\AJ
Sample : PB169589TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169589TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:36:59 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

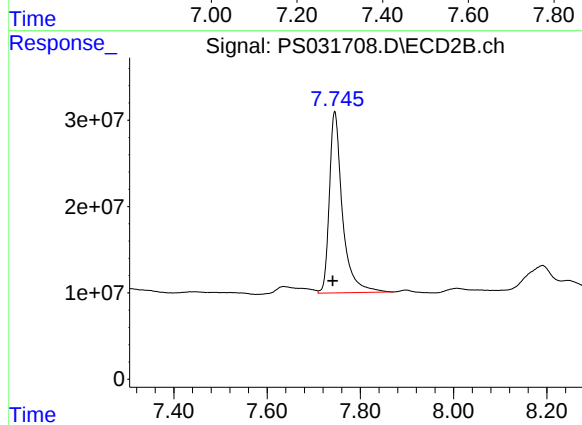




#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 1385510193
Conc: 384.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169589TB



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.005 min
Response: 409311105
Conc: 450.34 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-02	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031709.D	1	09/11/25 09:00	09/11/25 19:43	PB169662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	501		70 (61) - 130 (136)	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\PS091125\
Data File : PS031709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:43
Operator : AR\AJ
Sample : Q3032-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:37:21 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	7.286	7.744	1538.0E6	455.1E6	427.054	500.692

Target Compounds

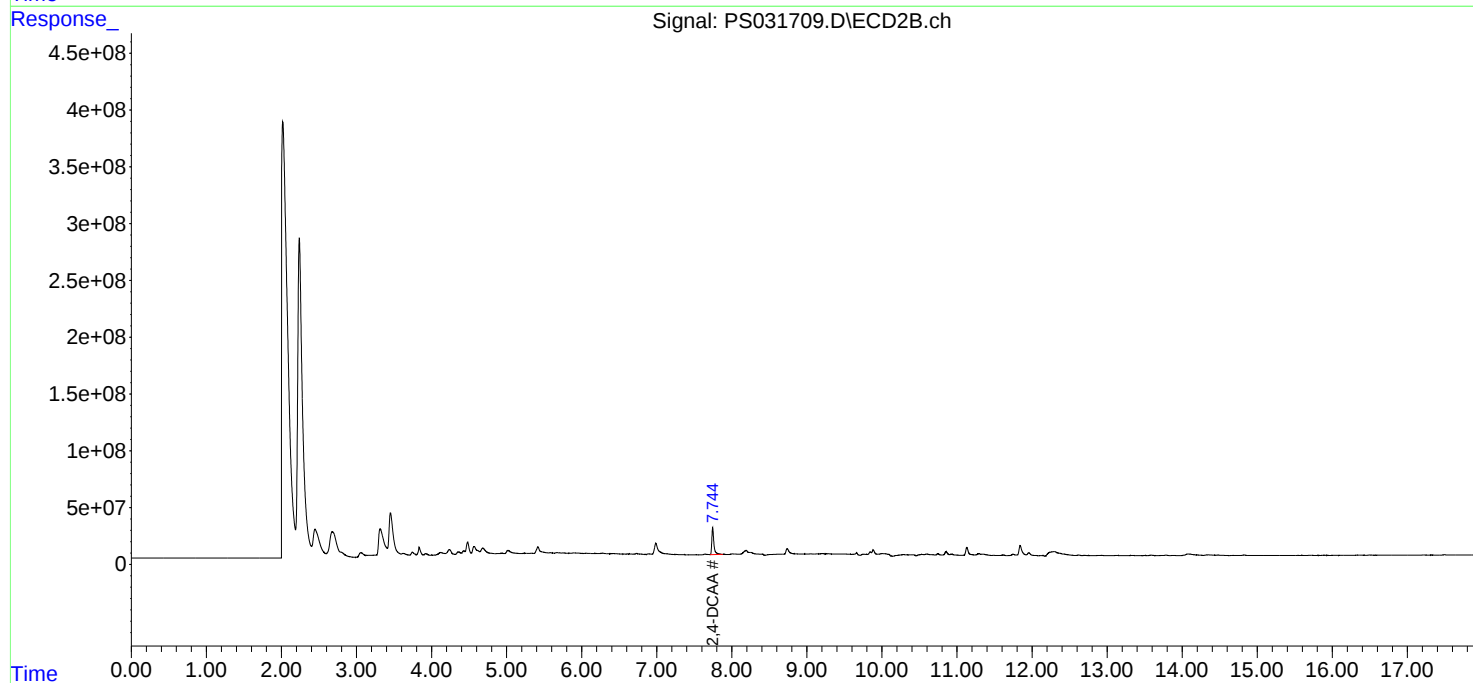
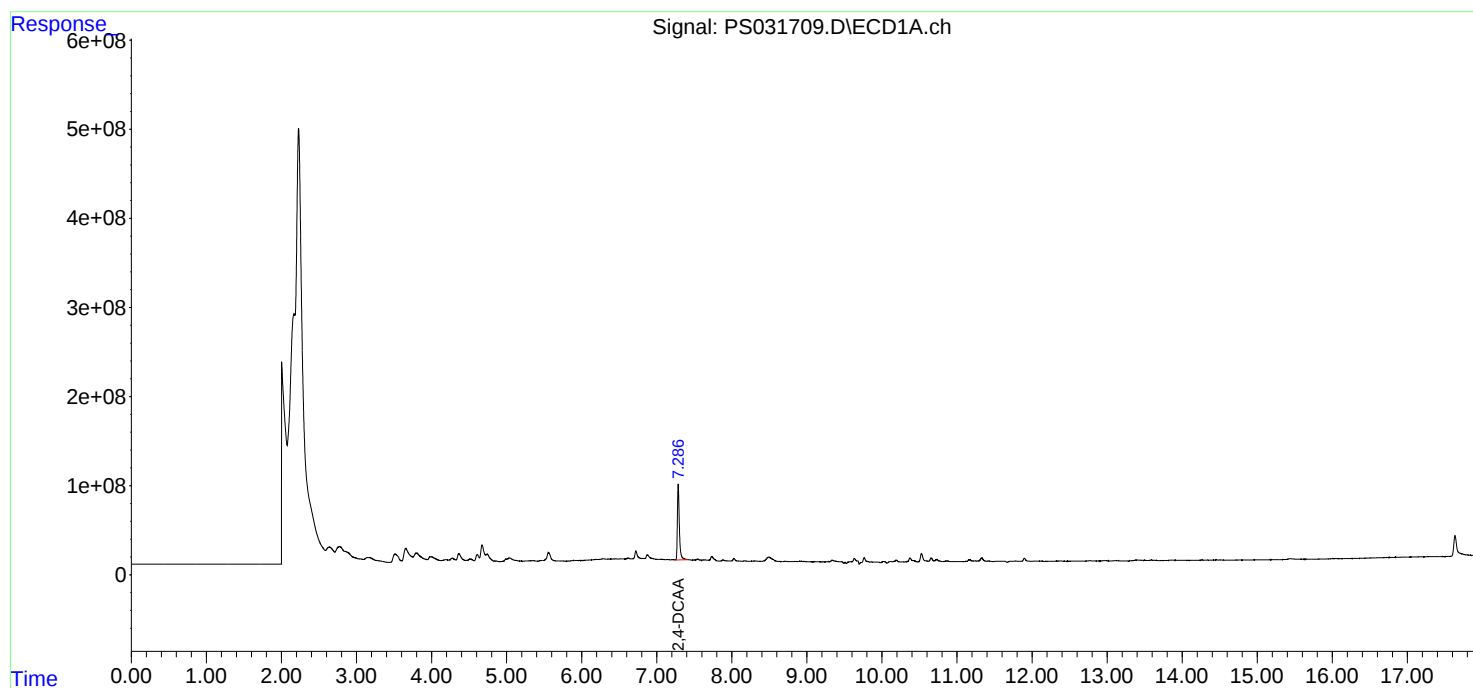
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:43
Operator : AR\AJ
Sample : Q3032-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:37:21 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: PS031709.D\ECD1A.ch

#4 2,4-DCAA

R.T.: 7.286 min

Delta R.T.: 0.003 min

Response: 1538047256

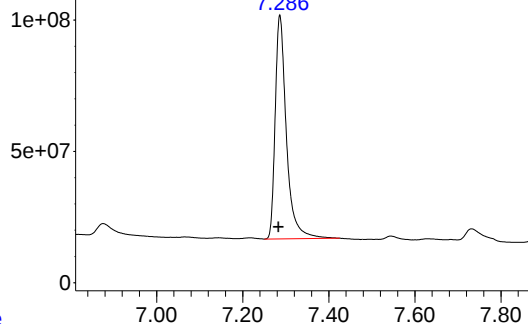
Conc: 427.05 ng/ml

Instrument :

ECD_S

ClientSampleId :

SOIL-PILE-1



Time

Response_

Signal: PS031709.D\ECD2B.ch

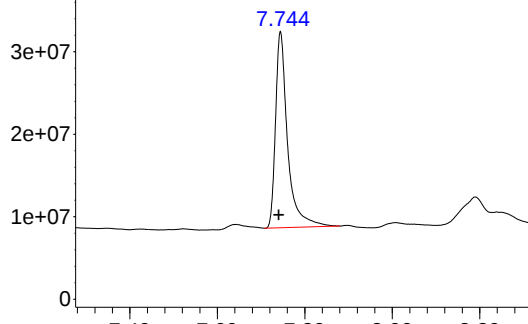
#4 2,4-DCAA

R.T.: 7.744 min

Delta R.T.: 0.004 min

Response: 455078339

Conc: 500.69 ng/ml



Time

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-05	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031712.D	1	09/11/25 09:00	09/11/25 20:56	PB169662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	581		70 (61) - 130 (136)	116%	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\PS091125\
Data File : PS031712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 20:56
Operator : AR\AJ
Sample : Q3032-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:38:36 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	7.286	7.744	1757.9E6	528.0E6	488.090	580.881

Target Compounds

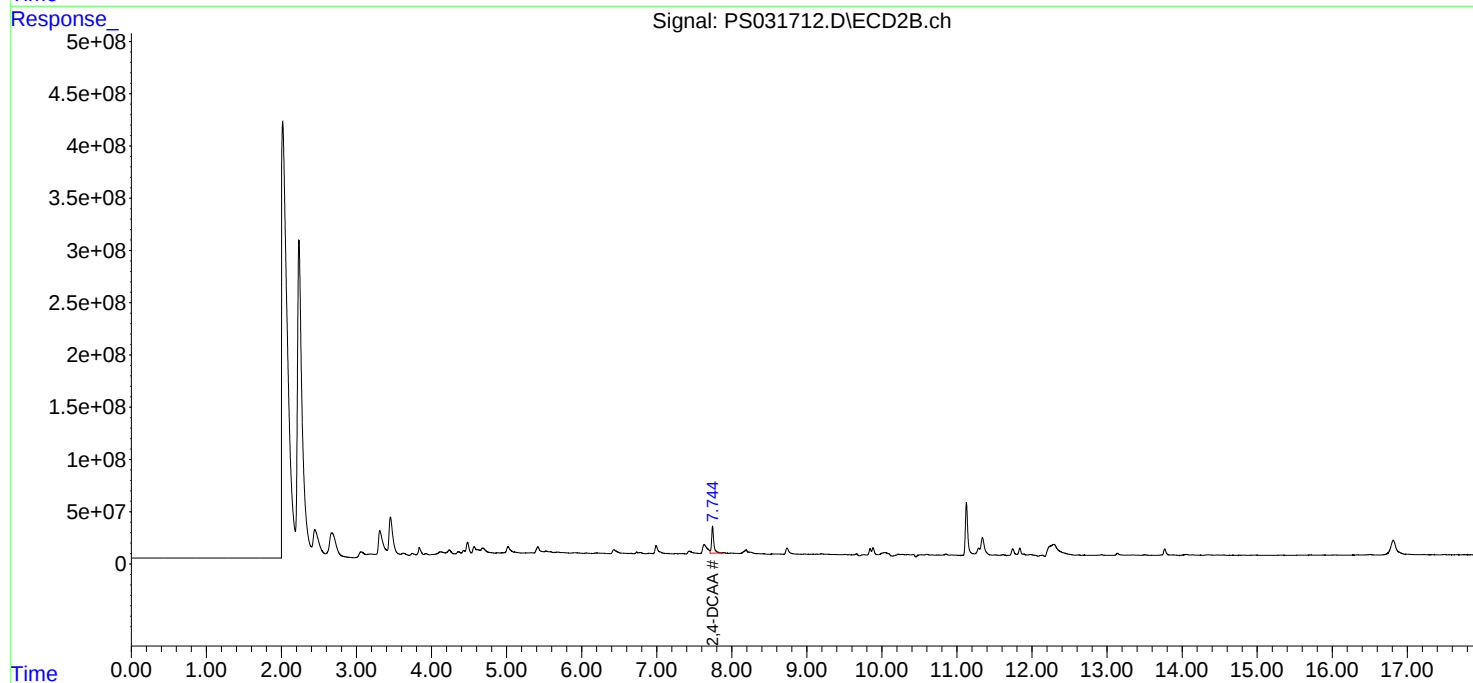
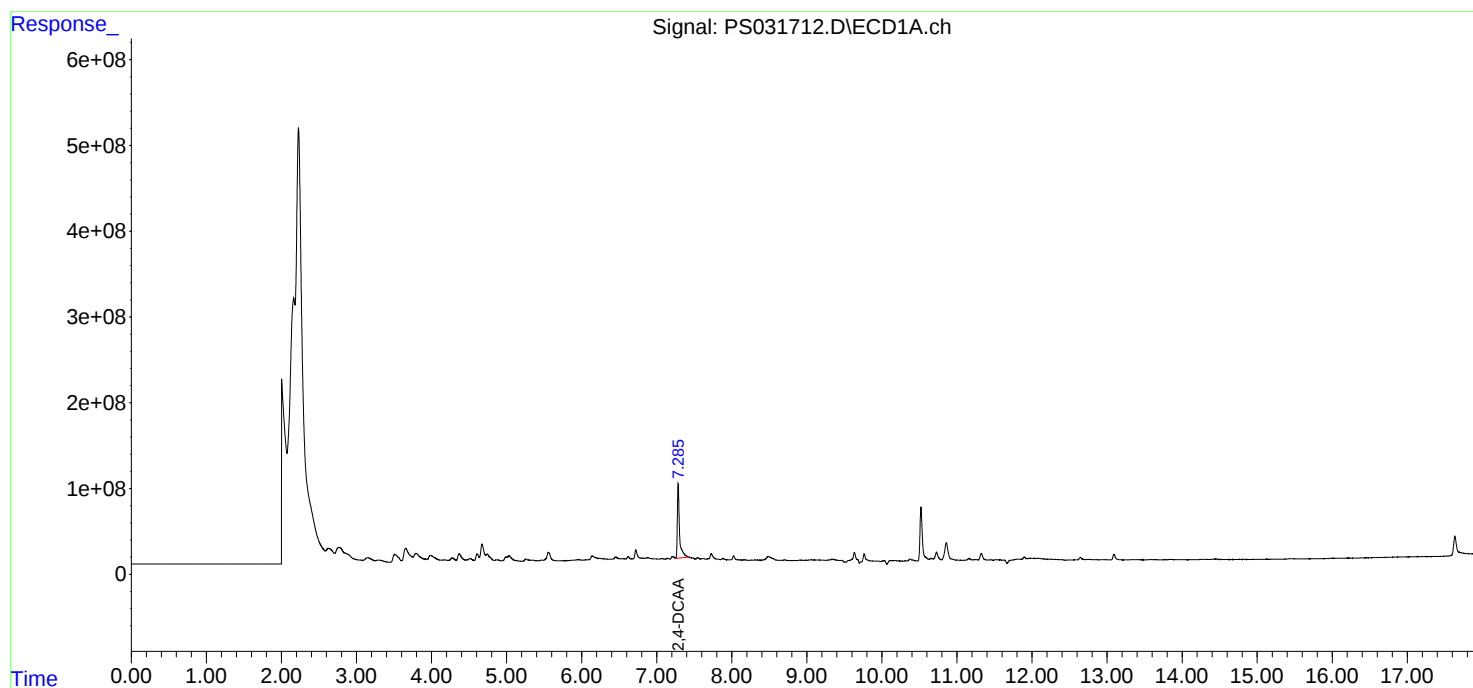
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

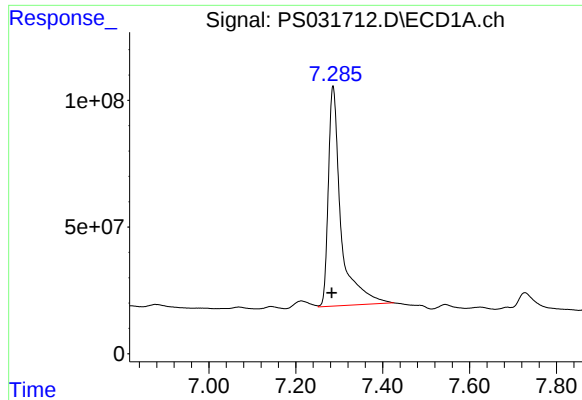
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 20:56
Operator : AR\AJ
Sample : Q3032-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:38:36 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

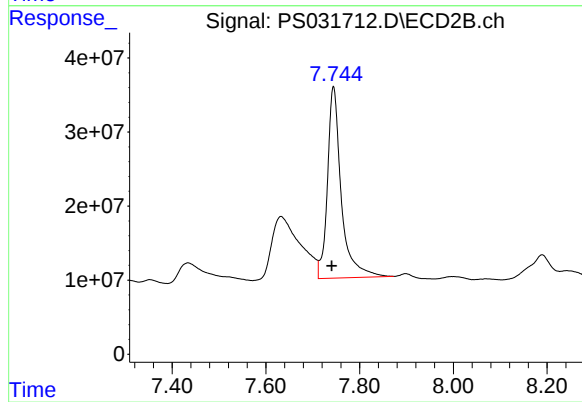




#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 1757870344
Conc: 488.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-2



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.004 min
Response: 527962649
Conc: 580.88 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ZUCC01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3032</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-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-DCAA	7.29	7.29	7.29	7.29	7.28	7.29	7.19	7.39

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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

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-TP(Silvex)	23314400000	21668300000	20672900000	19997800000	19215100000	20973700000	8
2,4-D	3623310000	3886470000	3301510000	3166900000	3150010000	3425640000	9
2,4-DCAA	3985360000	3774560000	3531130000	3388800000	3327800000	3601530000	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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

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-TP(Silvex)	16378200000	15425200000	14913400000	14552800000	14002000000	15054300000	6
2,4-D	1798080000	1663870000	1619090000	1589690000	1554820000	1645110000	6
2,4-DCAA	975058000	912799000	892983000	889945000	873713000	908899000	4

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

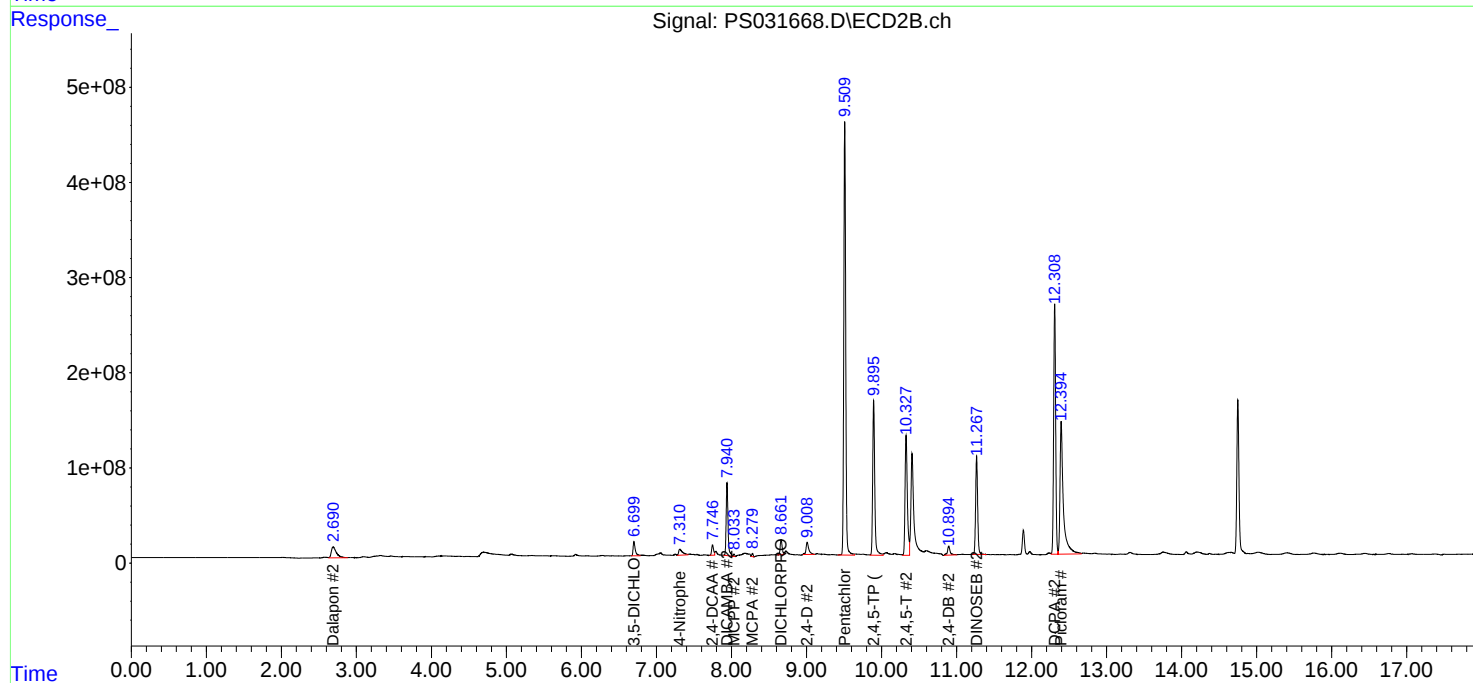
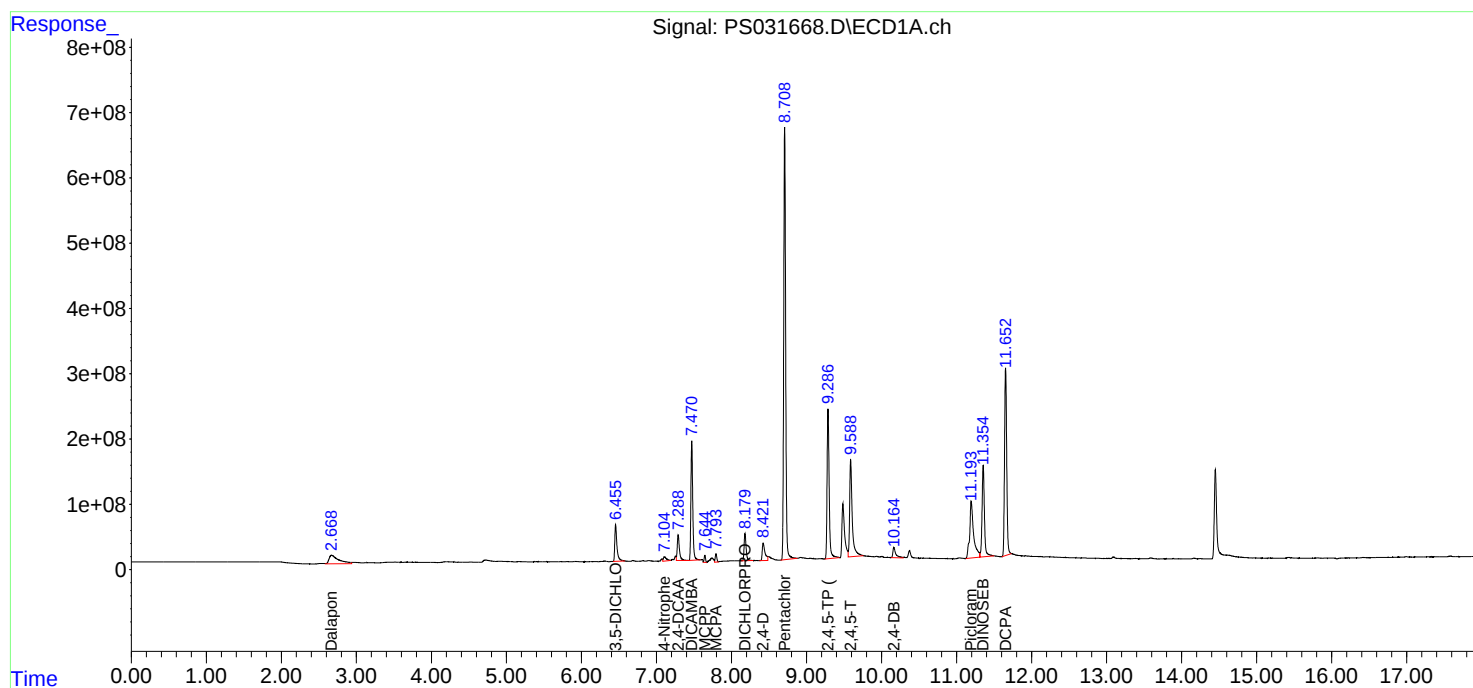
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

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

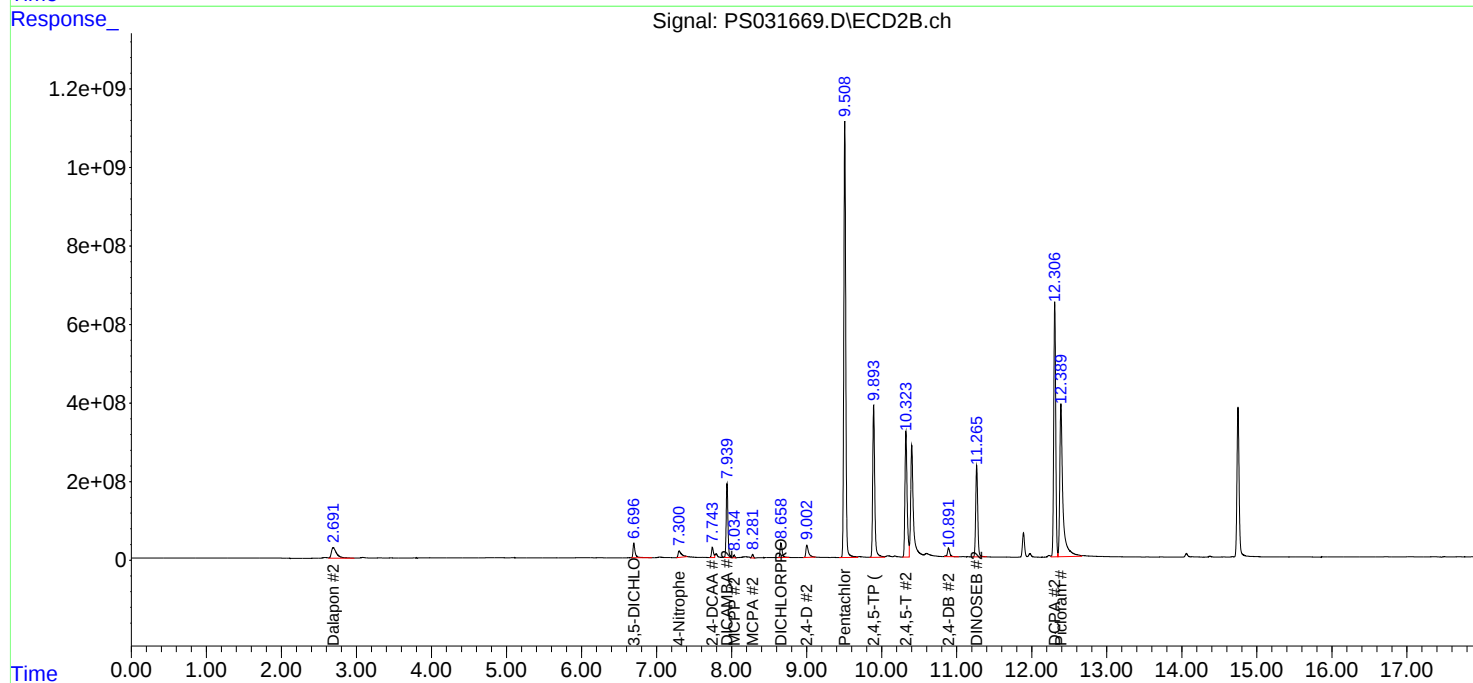
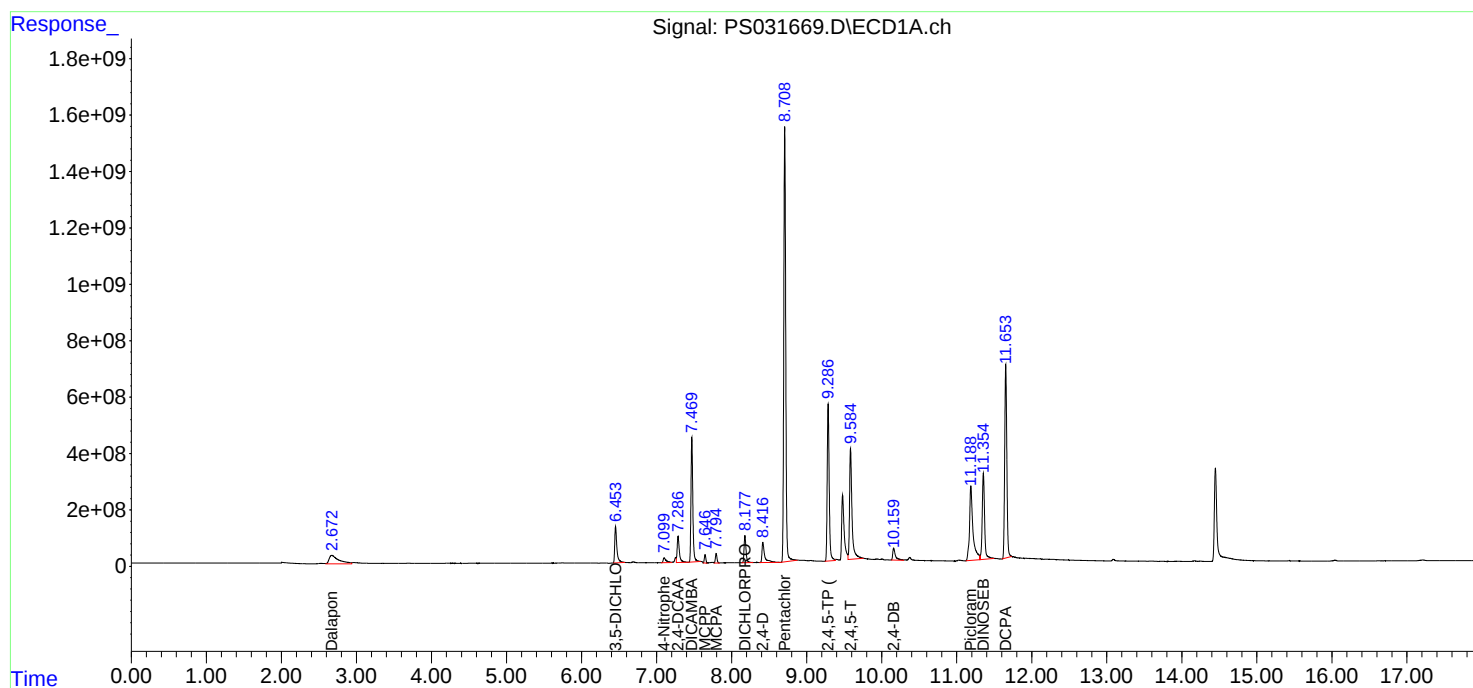
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

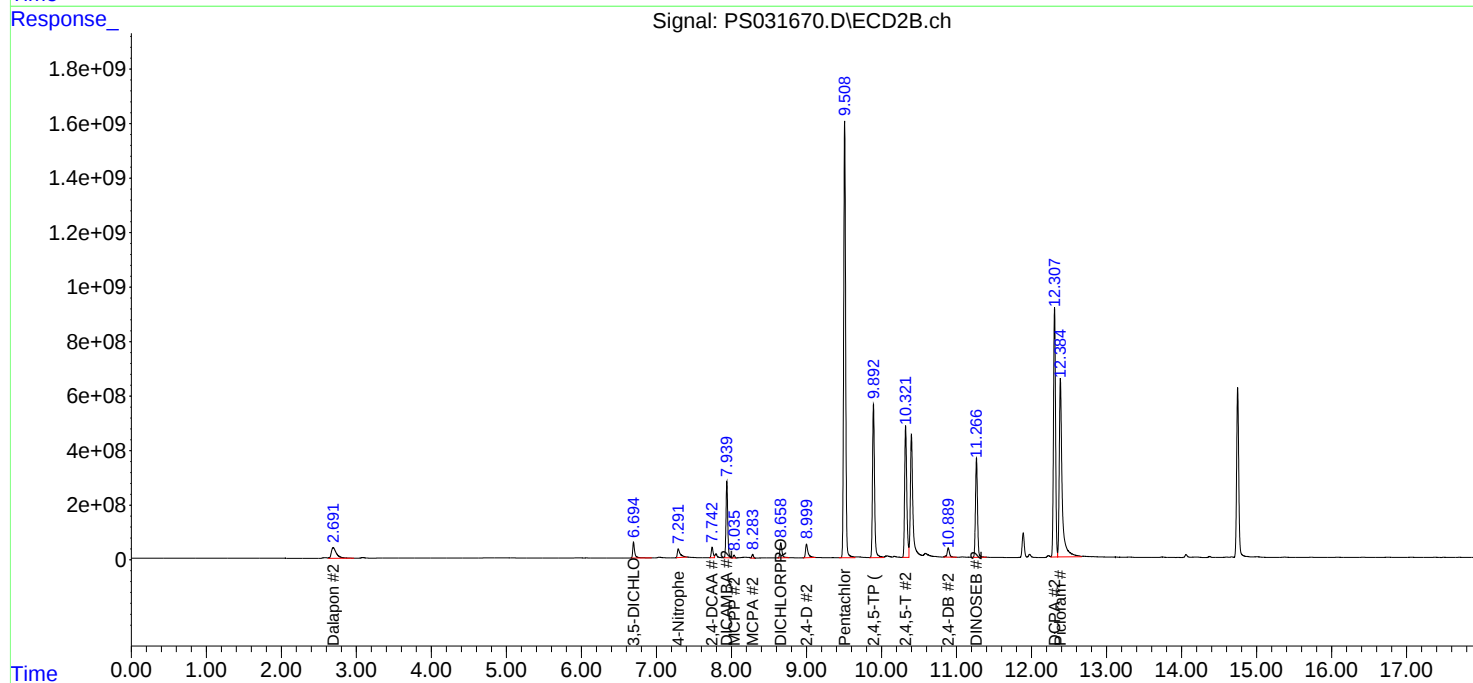
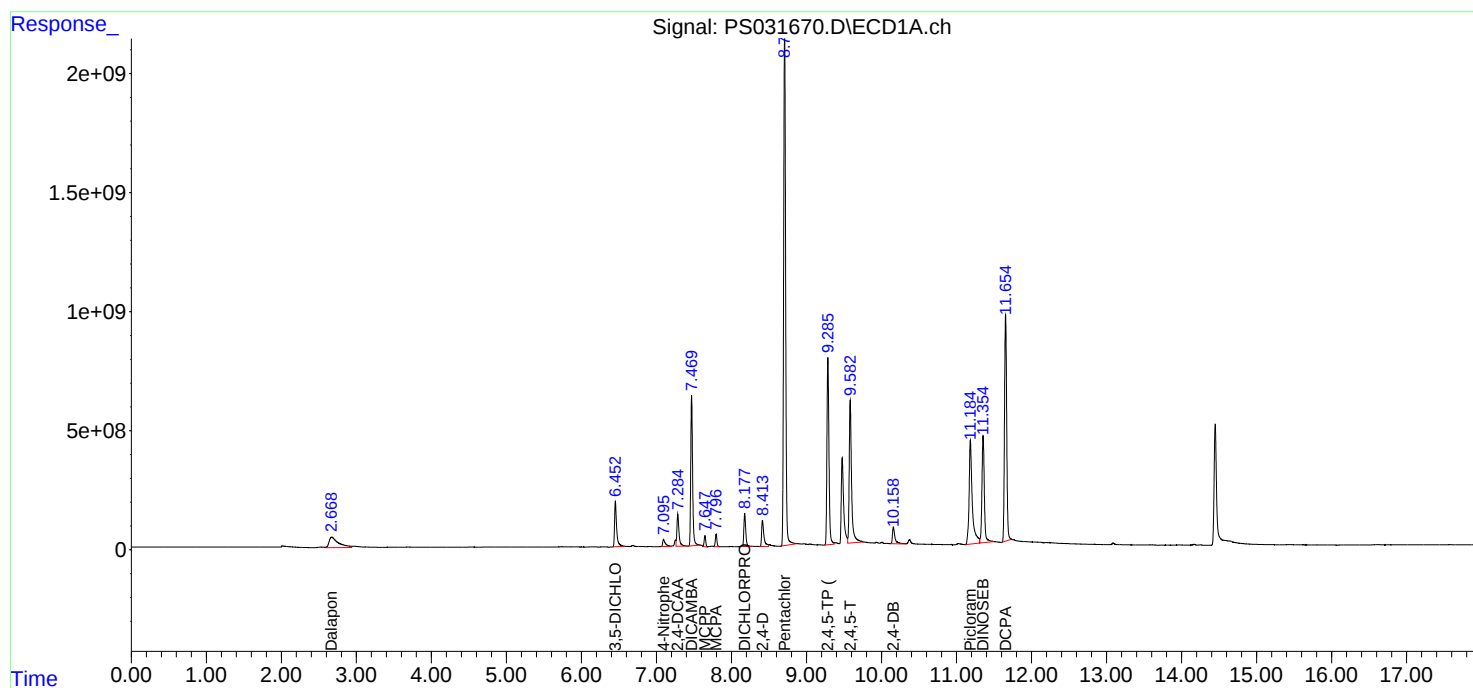
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

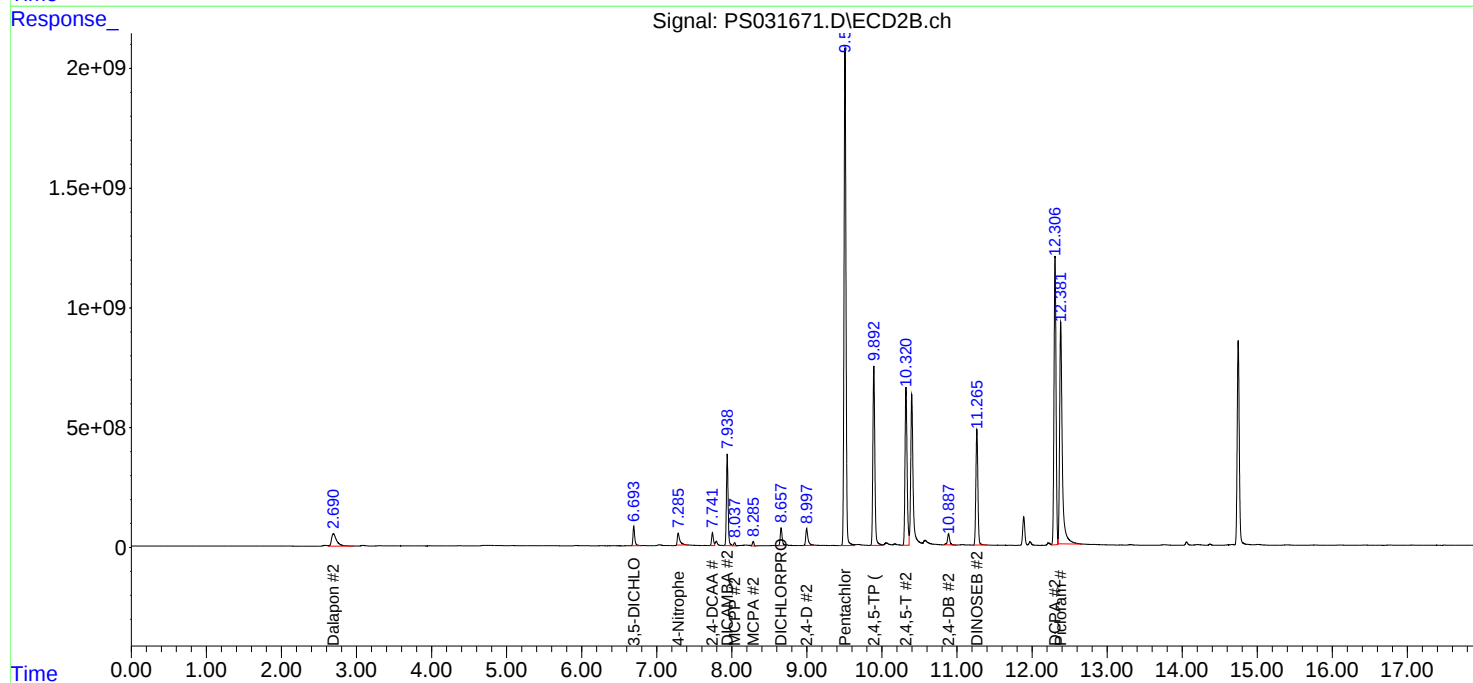
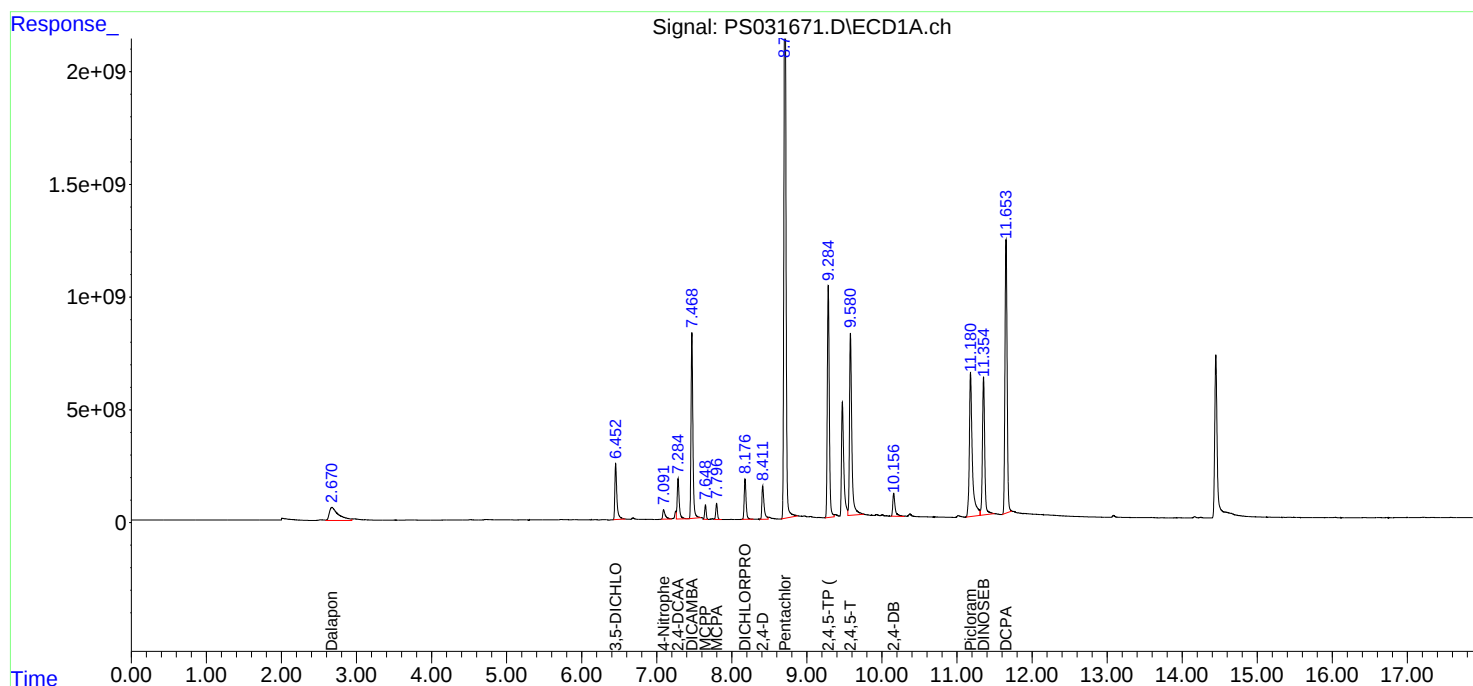
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

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

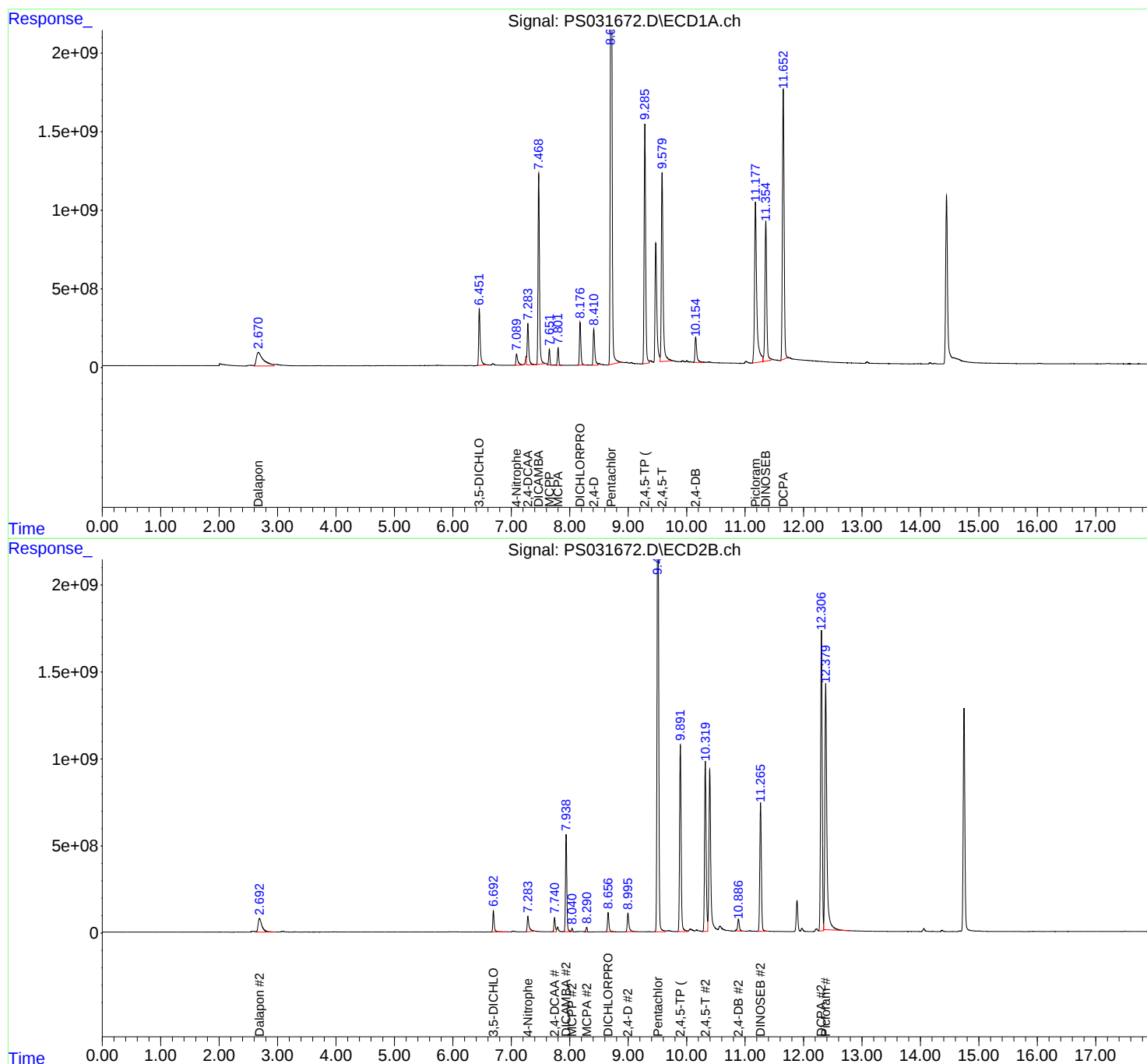
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

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

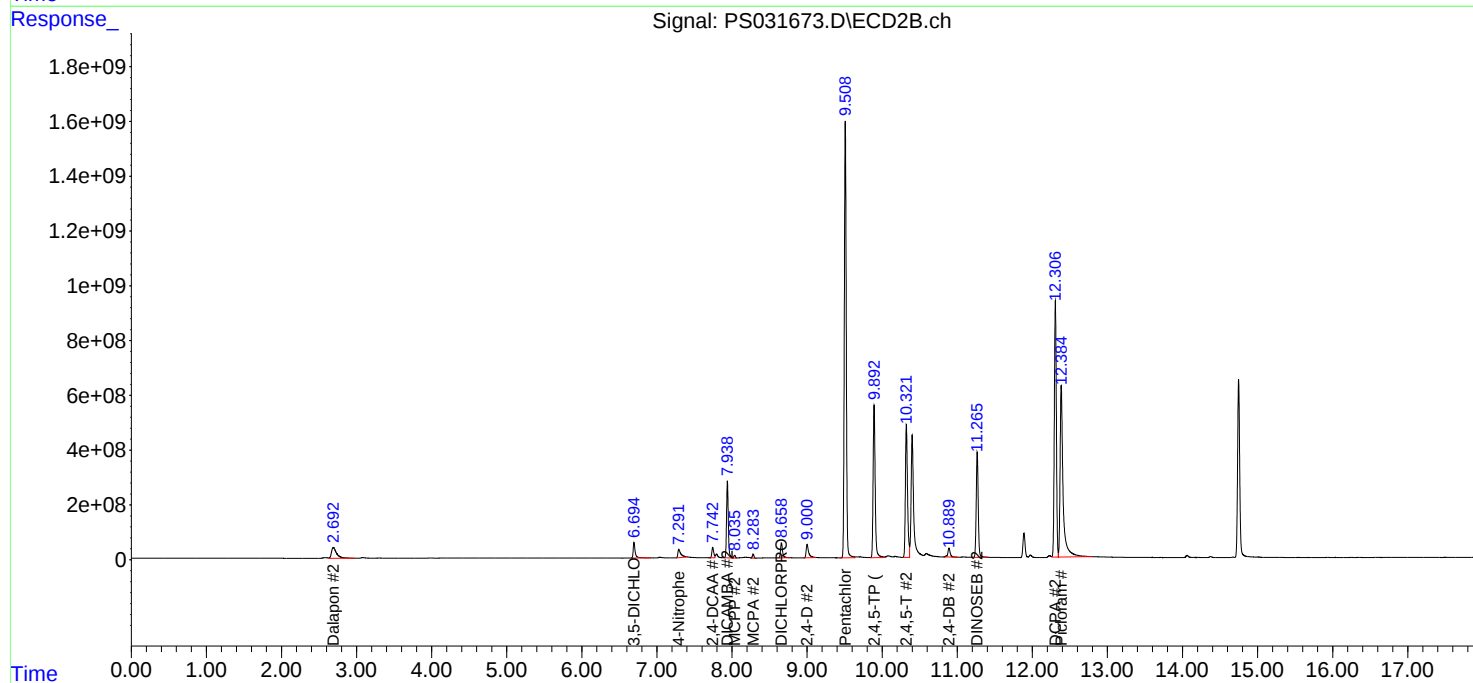
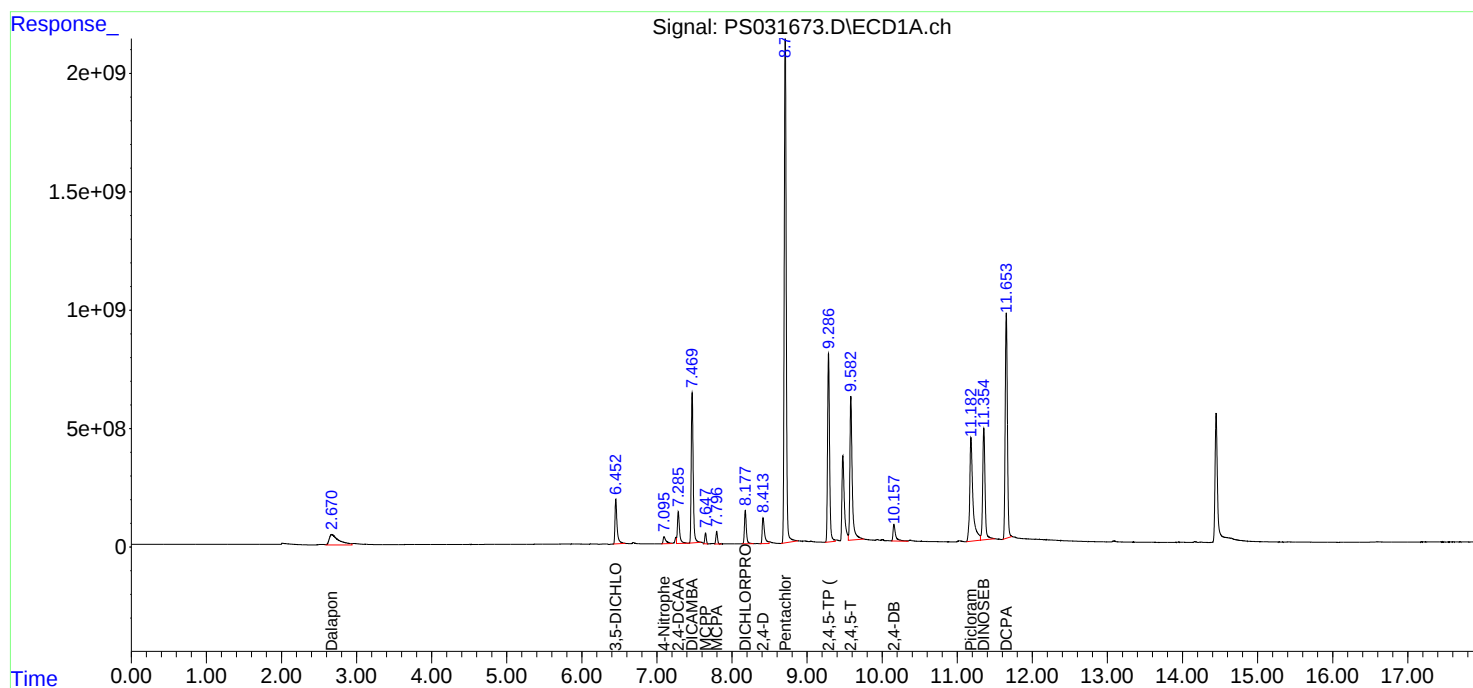
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

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

Continuing Calib Time: 18:00

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
2,4-DCAA	7.29	7.29	7.19	7.39	0.00
2,4-D	8.42	8.41	8.31	8.51	-0.01
2,4,5-TP(Silvex)	9.29	9.29	9.19	9.39	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY**Lab Name:** Alliance**Contract:** ZUCC01**Lab Code:** ACE**SDG NO.:** Q3032**Continuing Calib Date:** 09/11/2025**Initial Calibration Date(s):** 09/09/2025 09/09/2025**Continuing Calib Time:** 18:00**Initial Calibration Time(s):** 11:32 13:08**GC Column:** RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.90	9.89	9.79	9.99	-0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/11/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031705.D **Time Analyzed:** 18:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.288	9.185	9.385	762.010	712.500	6.9
2,4-D	8.416	8.314	8.514	755.300	705.000	7.1
2,4-DCAA	7.287	7.185	7.385	801.560	750.000	6.9



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ZUCC01

Lab Code: ACE SDG NO.: Q3032

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/09/2025 09/09/2025

Client Sample No.: CCAL01 Date Analyzed: 09/11/2025

Lab Sample No.: HSTDCCC750 Data File : PS031705.D Time Analyzed: 18:00

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.895	9.793	9.993	742.490	712.500	4.2
2,4-D	9.003	8.900	9.100	709.910	705.000	0.7
2,4-DCAA	7.744	7.643	7.843	756.270	750.000	0.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
 Data File : PS031705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 18:00
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:47:13 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	7.287	7.744	2886.9E6	687.4E6	801.564	756.274
Target Compounds							
1) T	Dalapon	2.674	2.693	4075.0E6	1987.5E6	704.933	705.376
2) T	3,5-DICHL...	6.455	6.697	3943.5E6	1109.8E6	739.398	727.725
3) T	4-Nitroph...	7.099	7.297	896.5E6	840.7E6	812.614	665.732
5) T	DICAMBA	7.471	7.940	11794.1E6	4769.9E6	756.189	733.062
6) T	MCPD	7.648	8.037	681.9E6	144.4E6	76.284	76.678
7) T	MCPA	7.797	8.285	850.2E6	215.4E6	76.520	76.895
8) T	DICHLORPROP	8.178	8.660	2635.0E6	1080.5E6	739.797	742.613
9) T	2,4-D	8.416	9.003	2587.4E6	1167.9E6	755.301	709.908
10) T	Pentachlo...	8.711	9.510	42576.7E6	30630.2E6	801.914	771.726
11) T	2,4,5-TP ...	9.288	9.895	15982.1E6	11177.7E6	762.005	742.489
12) T	2,4,5-T	9.585	10.324	14486.1E6	9887.5E6	791.672	734.747
13) T	2,4-DB	10.160	10.892	1844.9E6	755.1E6	790.875	705.697
14) T	DINOSEB	11.357	11.267	11876.5E6	8078.4E6	823.461	831.051
15) T	Picloram	11.188	12.389	14288.1E6	18167.4E6	793.296	767.098
16) T	DCPA	11.656	12.309	20862.5E6	17697.8E6	774.123	734.223

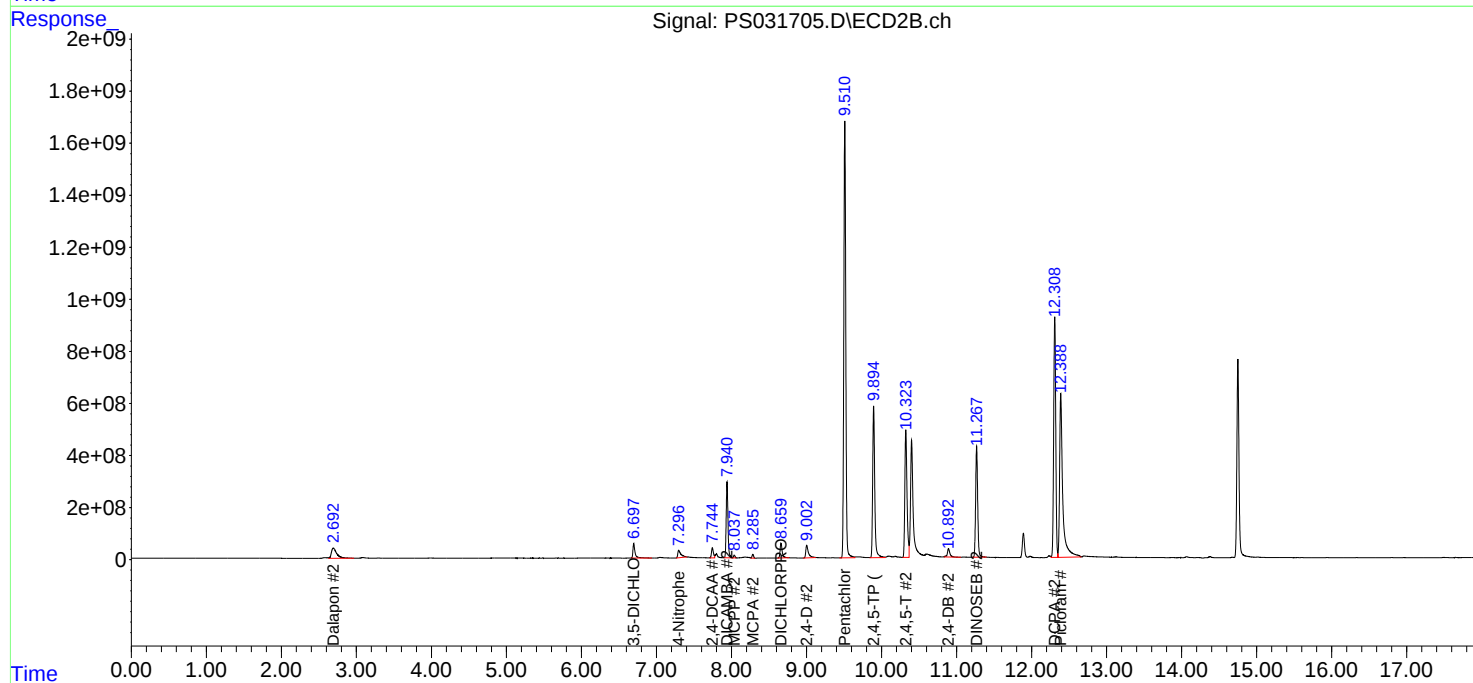
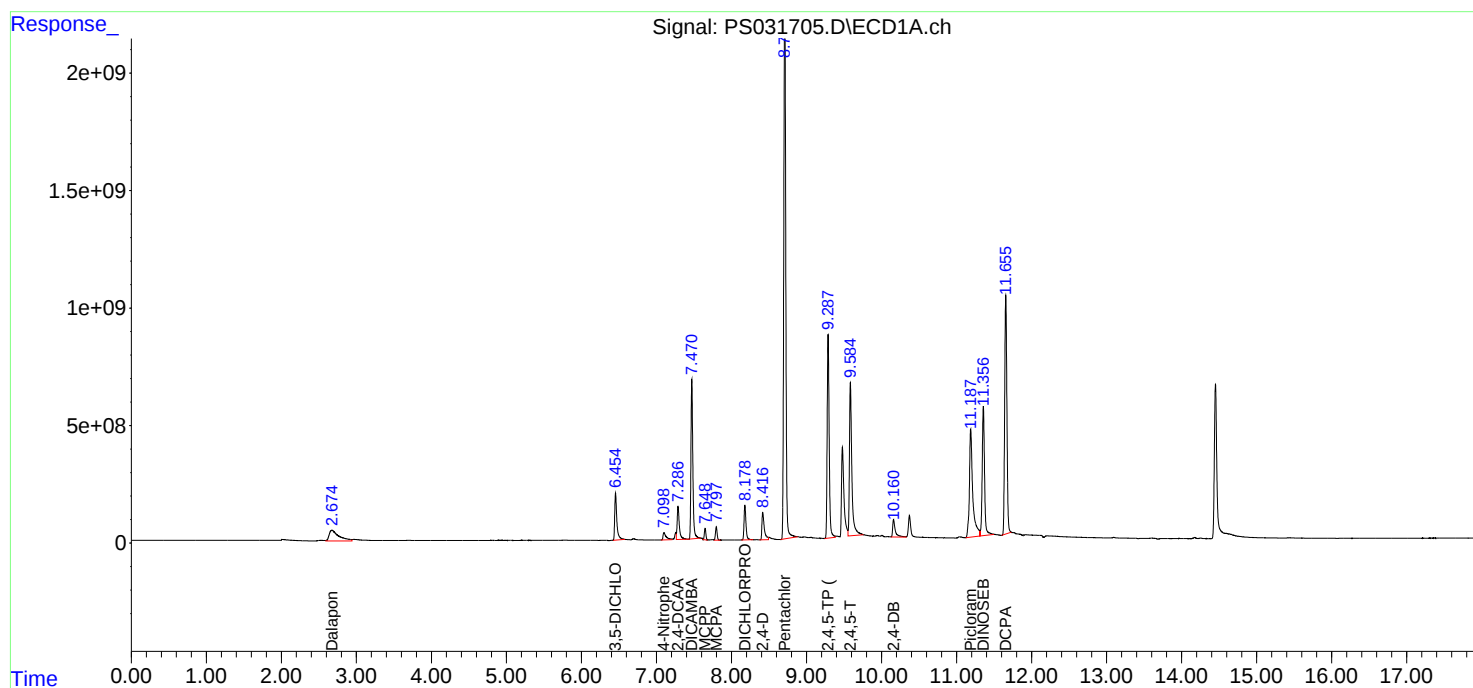
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:00
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:47:13 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

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

Continuing Calib Time: 21:44

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
2,4-DCAA	7.29	7.29	7.19	7.39	0.00
2,4-D	8.42	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.29	9.29	9.19	9.39	0.00



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CALIBRATION VERIFICATION SUMMARY**Lab Name:** Alliance**Contract:** ZUCC01**Lab Code:** ACE**SDG NO.:** Q3032**Continuing Calib Date:** 09/11/2025**Initial Calibration Date(s):** 09/09/202509/09/2025**Continuing Calib Time:** 21:44**Initial Calibration Time(s):** 11:3213:08**GC Column:** RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.74	7.74	7.64	7.84	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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ZUCC01
Lab Code: ACE SDG NO.: Q3032
GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 09/09/2025 09/09/2025

Client Sample No.: CCAL02 Date Analyzed: 09/11/2025
Lab Sample No.: HSTDCCC750 Data File : PS031714.D Time Analyzed: 21:44

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.287	9.185	9.385	763.930	712.500	7.2
2,4-D	8.415	8.314	8.514	744.760	705.000	5.6
2,4-DCAA	7.286	7.185	7.385	804.150	750.000	7.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/11/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031714.D **Time Analyzed:** 21:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.894	9.793	9.993	735.030	712.500	3.2
2,4-D	9.002	8.900	9.100	708.410	705.000	0.5
2,4-DCAA	7.744	7.643	7.843	749.090	750.000	-0.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
 Data File : PS031714.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 21:44
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:33:38 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	7.286	7.744	2896.2E6	680.8E6	804.148	749.088
Target Compounds							
1) T	Dalapon	2.671	2.692	4032.7E6	1956.3E6	697.607	694.297
2) T	3,5-DICHL...	6.454	6.697	3934.5E6	1085.6E6	737.711	711.894
3) T	4-Nitroph...	7.096	7.295	802.2E6	836.3E6	727.163m	662.299
5) T	DICAMBA	7.470	7.940	11792.5E6	4680.2E6	756.091	719.271
6) T	MCPD	7.648	8.037	685.2E6	146.6E6	76.648	77.837
7) T	MCPA	7.797	8.284	852.5E6	213.8E6	76.732	76.323
8) T	DICHLORPROP	8.178	8.660	2629.0E6	1069.2E6	738.123	734.821
9) T	2,4-D	8.415	9.002	2551.3E6	1165.4E6	744.765	708.415
10) T	Pentachlo...	8.711	9.510	42471.9E6	30284.5E6	799.941	763.014
11) T	2,4,5-TP ...	9.287	9.894	16022.4E6	11065.4E6	763.929	735.028
12) T	2,4,5-T	9.584	10.323	14518.5E6	9822.5E6	793.441	729.918
13) T	2,4-DB	10.160	10.891	1867.0E6	734.5E6	800.321	686.466
14) T	DINOSEB	11.356	11.267	11488.3E6	7737.2E6	796.542	795.954
15) T	Picloram	11.186	12.388	14211.7E6	17819.7E6	789.052	752.416
16) T	DCPA	11.654	12.308	20866.8E6	17482.2E6	774.282	725.279

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031714.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 21:44
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

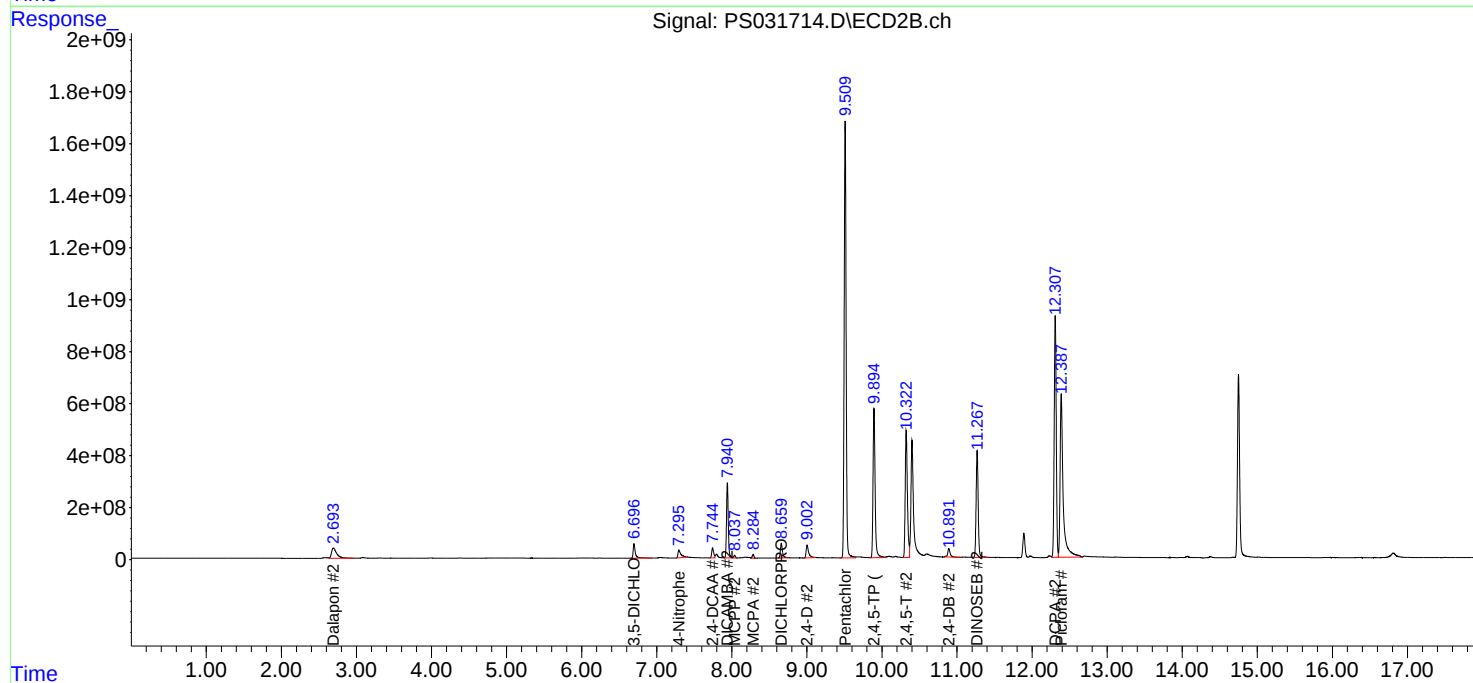
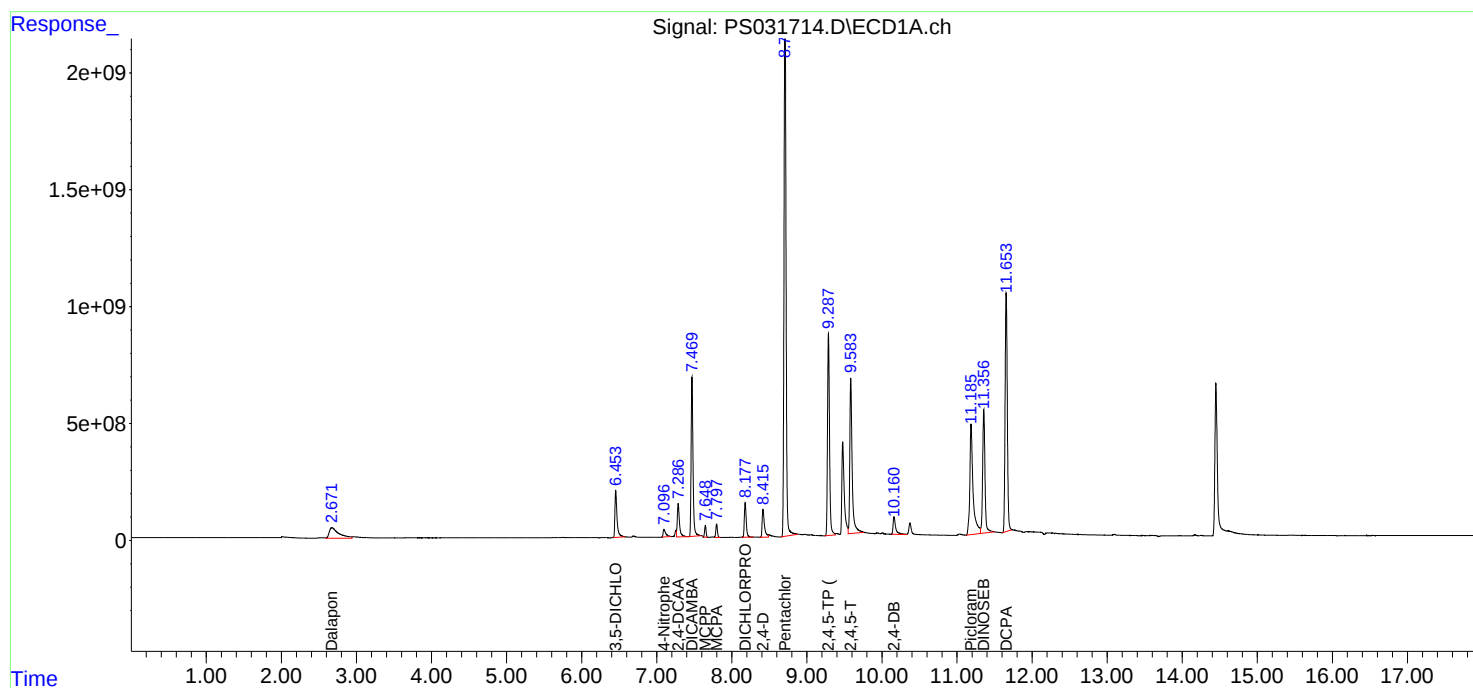
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:33:38 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



Analytical Sequence

Client: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

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	09/11/2025	17:36	PS031704.D	7.29	0.00
HSTDCCC750	HSTDCCC750	09/11/2025	18:00	PS031705.D	7.29	0.00
PB169662BL	PB169662BL	09/11/2025	18:31	PS031706.D	7.29	0.00
PB169662BS	PB169662BS	09/11/2025	18:55	PS031707.D	7.29	0.00
PB169589TB	PB169589TB	09/11/2025	19:19	PS031708.D	7.29	0.00
SOIL-PILE-1	Q3032-02	09/11/2025	19:43	PS031709.D	7.29	0.00
SOIL-PILE-1MS	Q3032-02MS	09/11/2025	20:07	PS031710.D	7.29	0.00
SOIL-PILE-1MSD	Q3032-02MSD	09/11/2025	20:32	PS031711.D	7.29	0.00
SOIL-PILE-2	Q3032-05	09/11/2025	20:56	PS031712.D	7.29	0.00
IBLK	IBLK	09/11/2025	21:20	PS031713.D	7.29	0.00
HSTDCCC750	HSTDCCC750	09/11/2025	21:44	PS031714.D	7.29	0.00

Analytical Sequence

Client: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

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	09/11/2025	17:36	PS031704.D	7.75	0.00
HSTDCCC750	HSTDCCC750	09/11/2025	18:00	PS031705.D	7.74	0.00
PB169662BL	PB169662BL	09/11/2025	18:31	PS031706.D	7.74	0.00
PB169662BS	PB169662BS	09/11/2025	18:55	PS031707.D	7.75	0.00
PB169589TB	PB169589TB	09/11/2025	19:19	PS031708.D	7.75	0.00
SOIL-PILE-1	Q3032-02	09/11/2025	19:43	PS031709.D	7.74	0.00
SOIL-PILE-1MS	Q3032-02MS	09/11/2025	20:07	PS031710.D	7.74	0.00
SOIL-PILE-1MSD	Q3032-02MSD	09/11/2025	20:32	PS031711.D	7.74	0.00
SOIL-PILE-2	Q3032-05	09/11/2025	20:56	PS031712.D	7.74	0.00
IBLK	IBLK	09/11/2025	21:20	PS031713.D	7.75	0.00
HSTDCCC750	HSTDCCC750	09/11/2025	21:44	PS031714.D	7.74	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169662BS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169662BS

Date(s) Analyzed: 09/11/2025 09/11/2025

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-TP(Silvex)	1	9.29	9.24	9.34	5.40	3.8
	2	9.90	9.85	9.95	5.20	
2,4-D	1	8.42	8.37	8.47	6.20	23.4
	2	9.01	8.96	9.06	4.90	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-02MS

Date(s) Analyzed: 09/11/2025 09/11/2025

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-D	1	8.41	8.36	8.46	58.4	2.4
	2	9.00	8.95	9.05	59.8	
2,4,5-TP(Silvex)	1	9.29	9.24	9.34	53.0	4.4
	2	9.89	9.84	9.94	50.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MSD

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-02MSD

Date(s) Analyzed: 09/11/2025 09/11/2025

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-D	1	8.41	8.36	8.46	57.9	0.9
	2	9.00	8.95	9.05	58.4	
2,4,5-TP(Silvex)	1	9.29	9.24	9.34	53.0	5.6
	2	9.89	9.84	9.94	50.1	



QC SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169662BL	SDG No.:	Q3032
Lab Sample ID:	PB169662BL	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031706.D	1	09/11/25 09:00	09/11/25 18:31	PB169662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	535		70 (61) - 130 (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\PS091125\
Data File : PS031706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:31
Operator : AR\AJ
Sample : PB169662BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169662BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:36:11 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	7.289	7.744	1731.2E6	486.1E6	480.683	534.775

Target Compounds

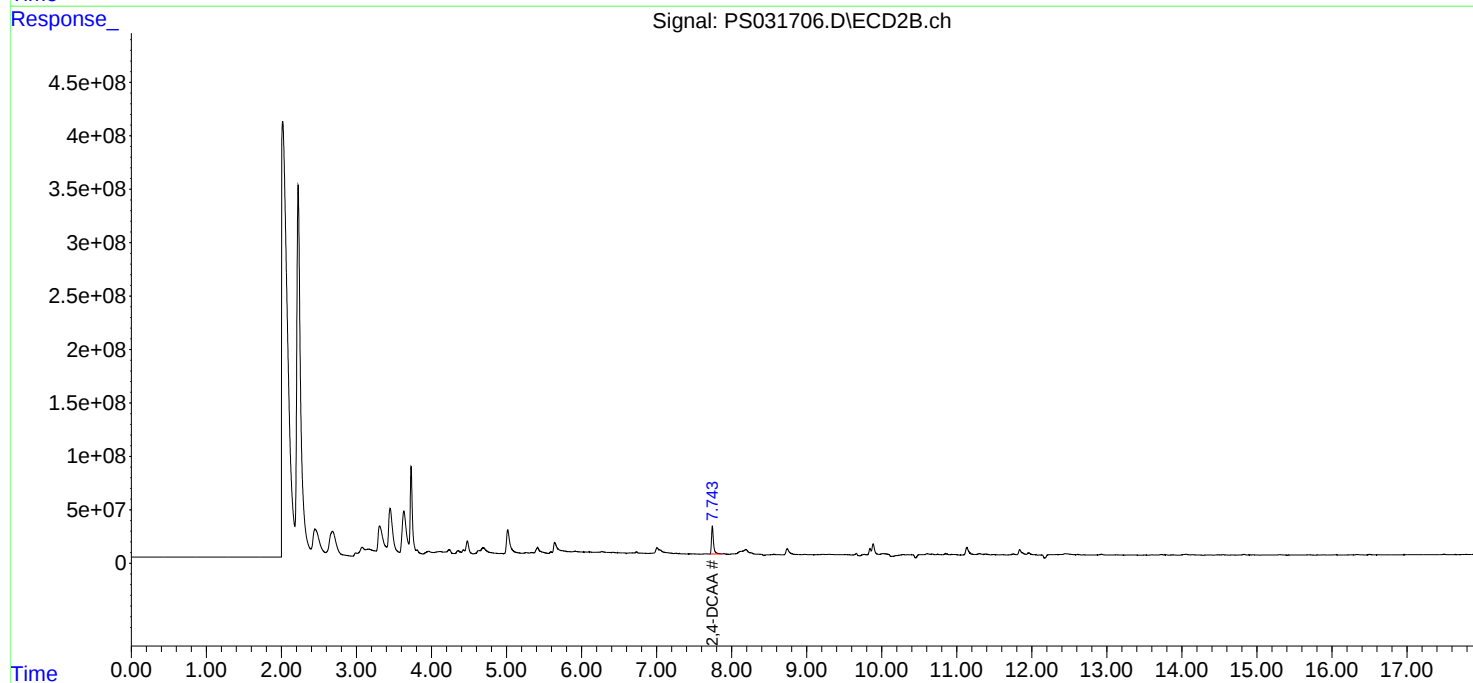
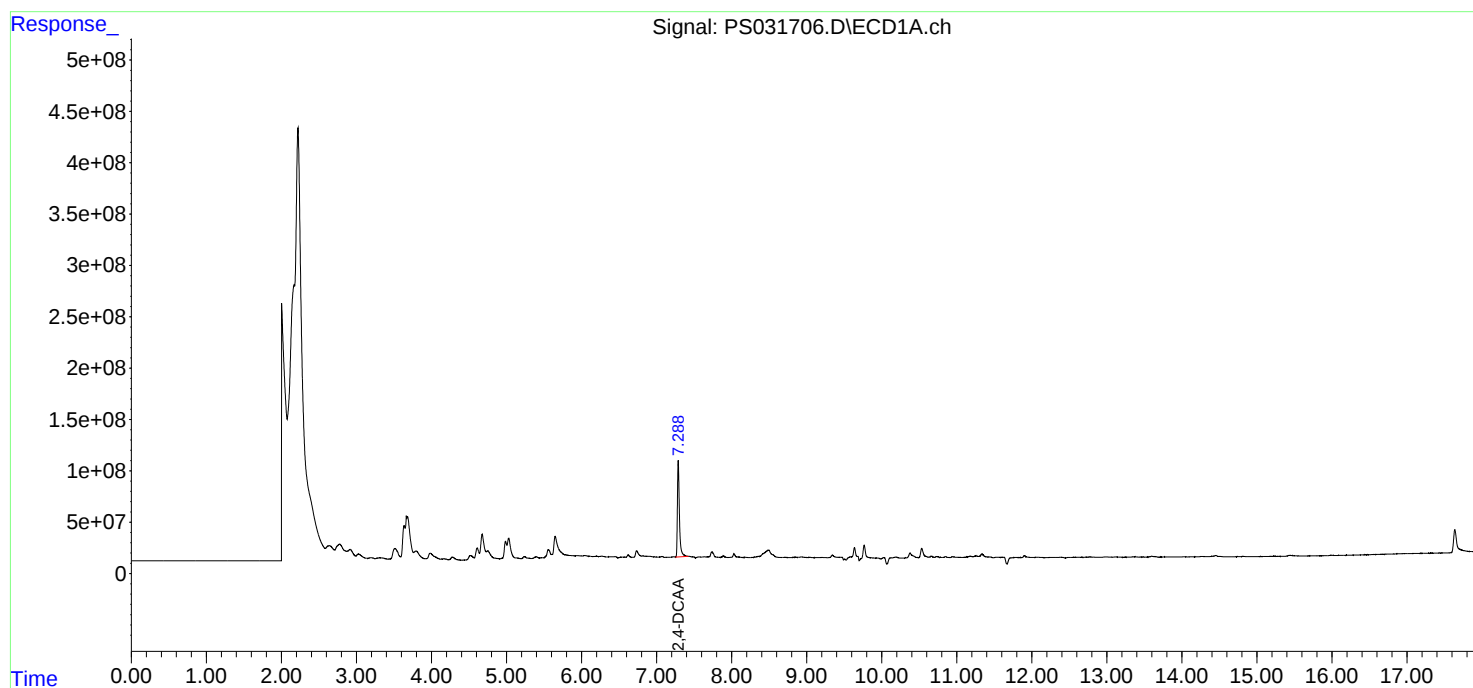
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

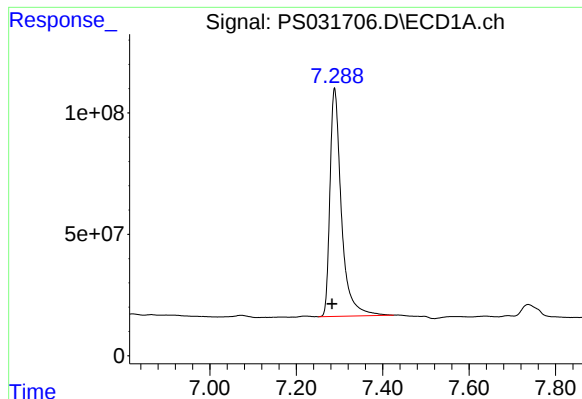
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:31
Operator : AR\AJ
Sample : PB169662BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169662BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:36:11 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

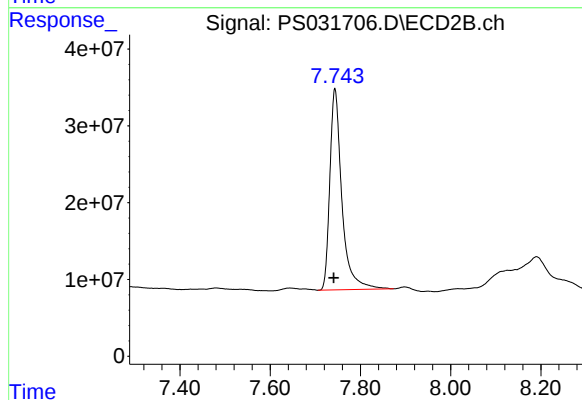




#4 2,4-DCAA

R.T.: 7.289 min
Delta R.T.: 0.005 min
Response: 1731193055
Conc: 480.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169662BL



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 486057148
Conc: 534.78 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/09/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/09/25
Client Sample ID:	PIBLK-PS031667.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PS031667.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP 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						
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
SURROGATES						
19719-28-9	2,4-DCAA	525		70 (61) - 130 (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

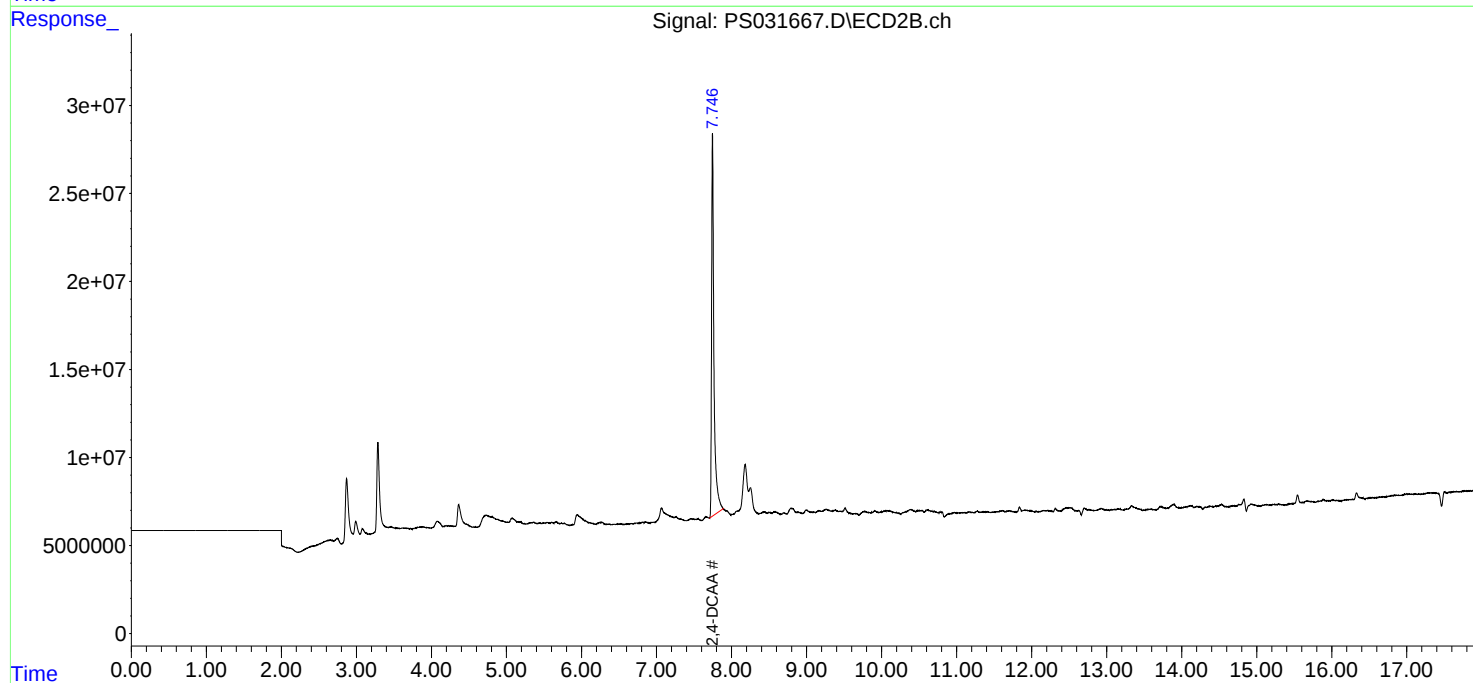
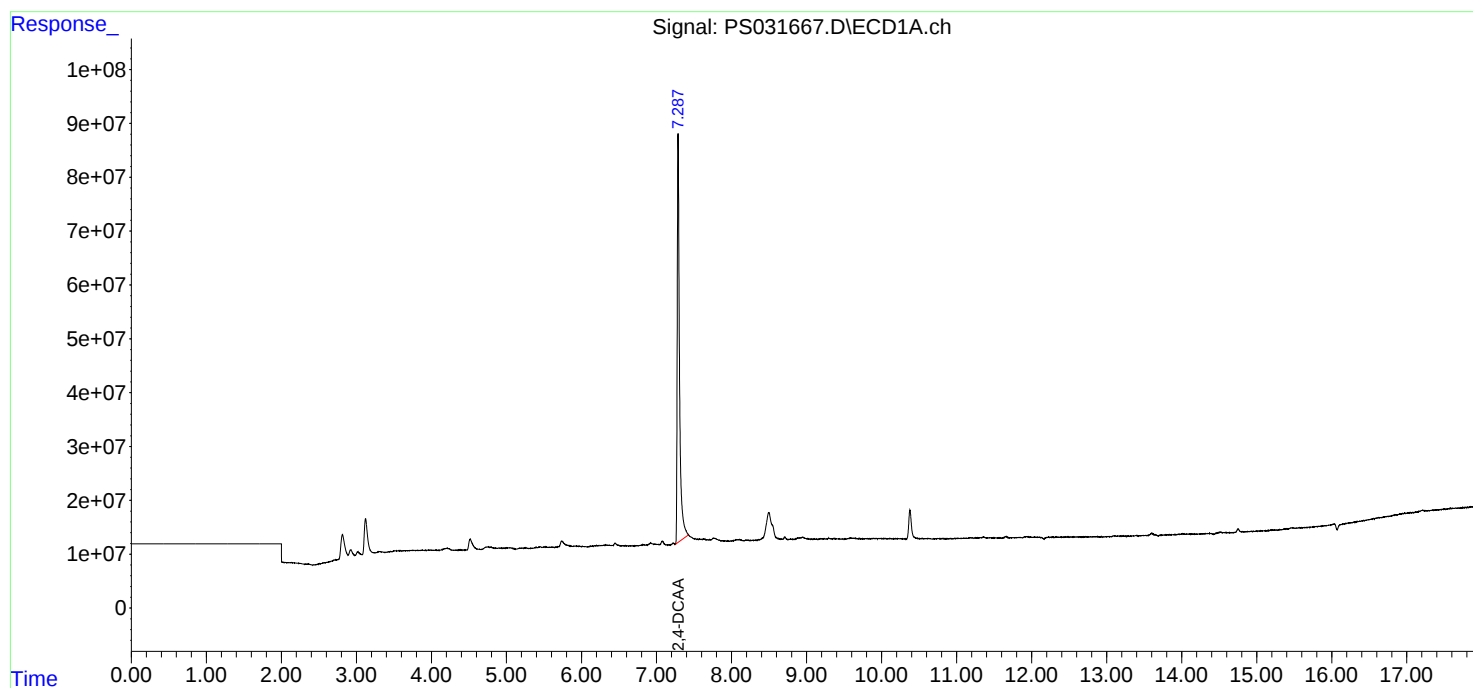
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

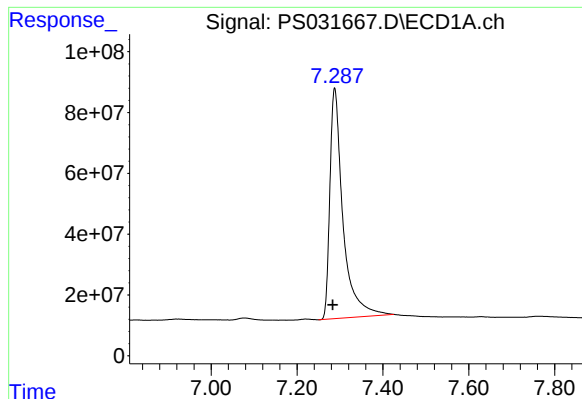
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
Data File : PS031667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 11:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

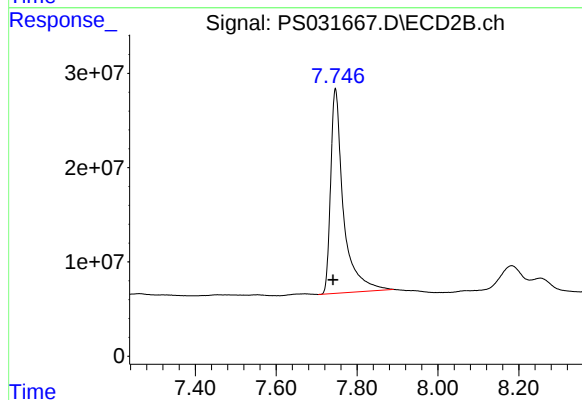




#4 2,4-DCAA

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:	Zuccaro Inc.	Date Collected:	09/11/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PIBLK-PS031704.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PS031704.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031704.D	1		09/11/25	PS091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	553		70 (61) - 130 (136)	111%	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\PS091125\
Data File : PS031704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:36
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:46:52 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	7.290	7.748	1742.0E6	502.6E6	483.685	552.949m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:36
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

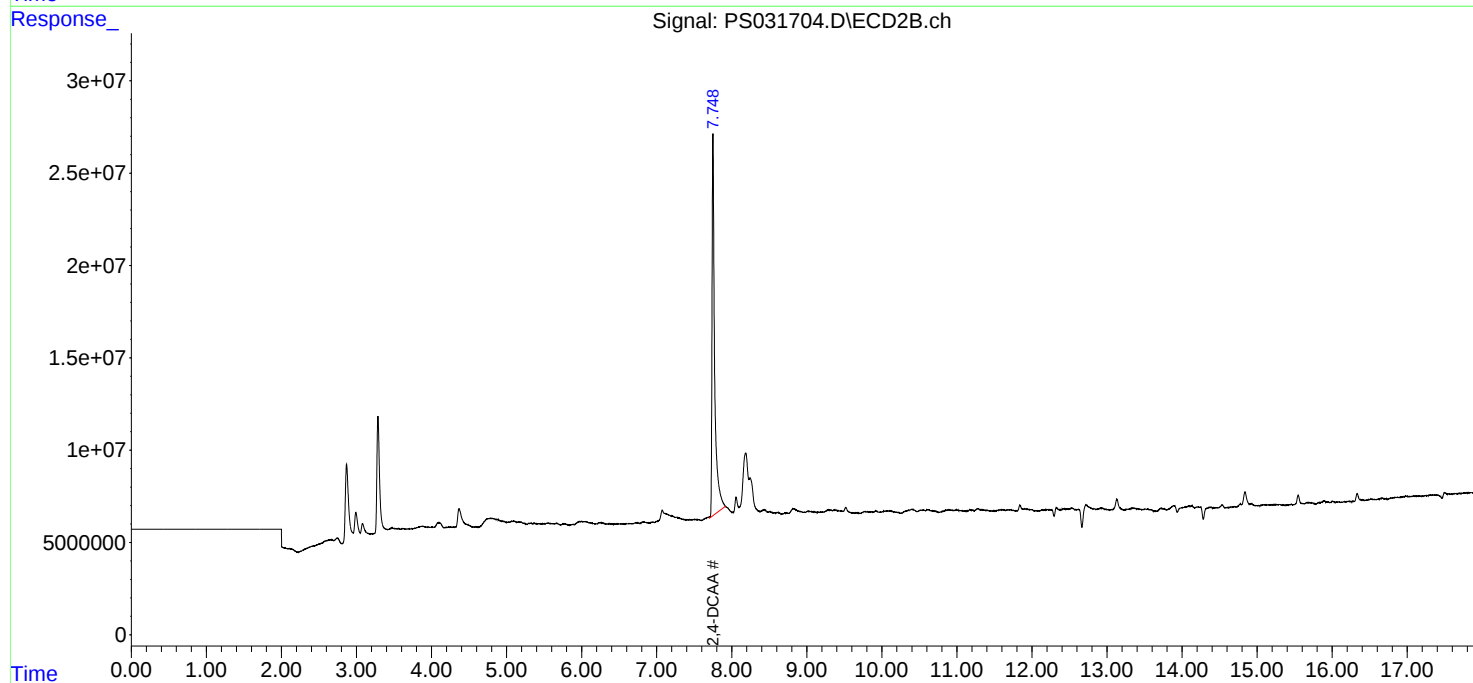
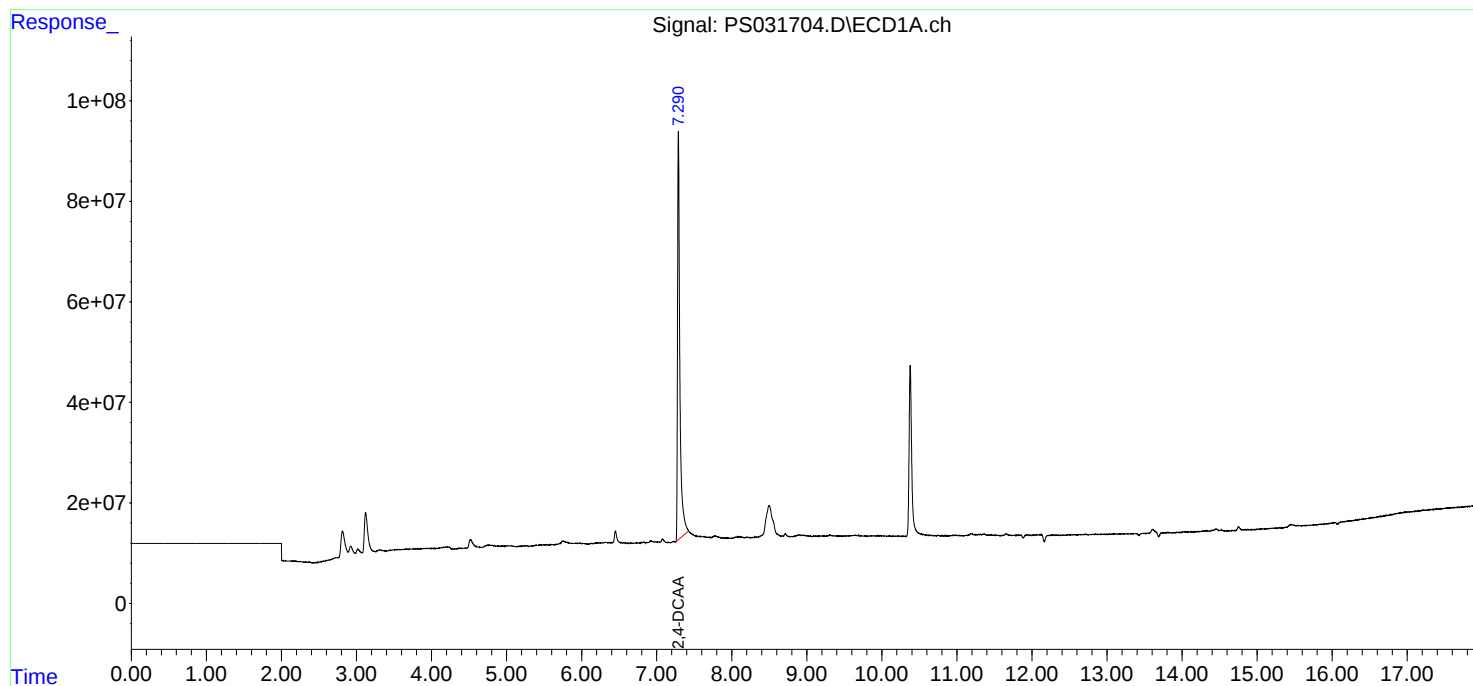
Instrument :
ECD_S
ClientSampleId :
I.BLK

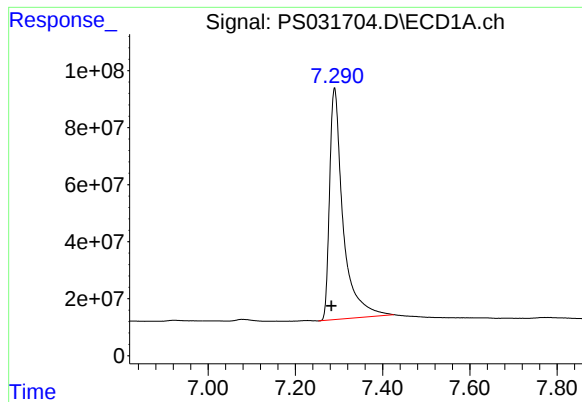
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/12/2025
Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:46:52 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





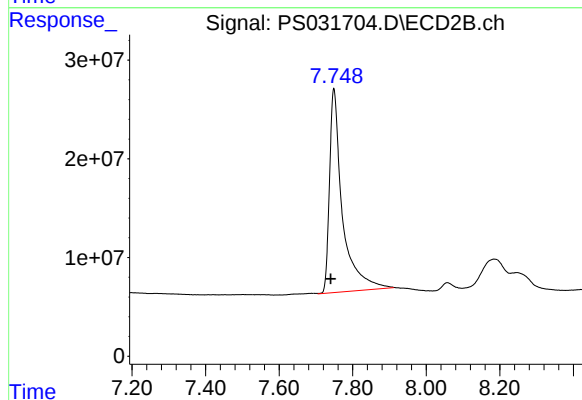
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: 0.007 min
Response: 1742002969
Conc: 483.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025



#4 2,4-DCAA

R.T.: 7.748 min
Delta R.T.: 0.008 min
Response: 502574720
Conc: 552.95 ng/ml m

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/11/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PIBLK-PS031713.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PS031713.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031713.D	1		09/11/25	PS091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	536		70 (61) - 130 (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\PS091125\
Data File : PS031713.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 21:20
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 12 02:38:59 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	7.289	7.749	1782.3E6	487.3E6	494.862	536.097

Target Compounds

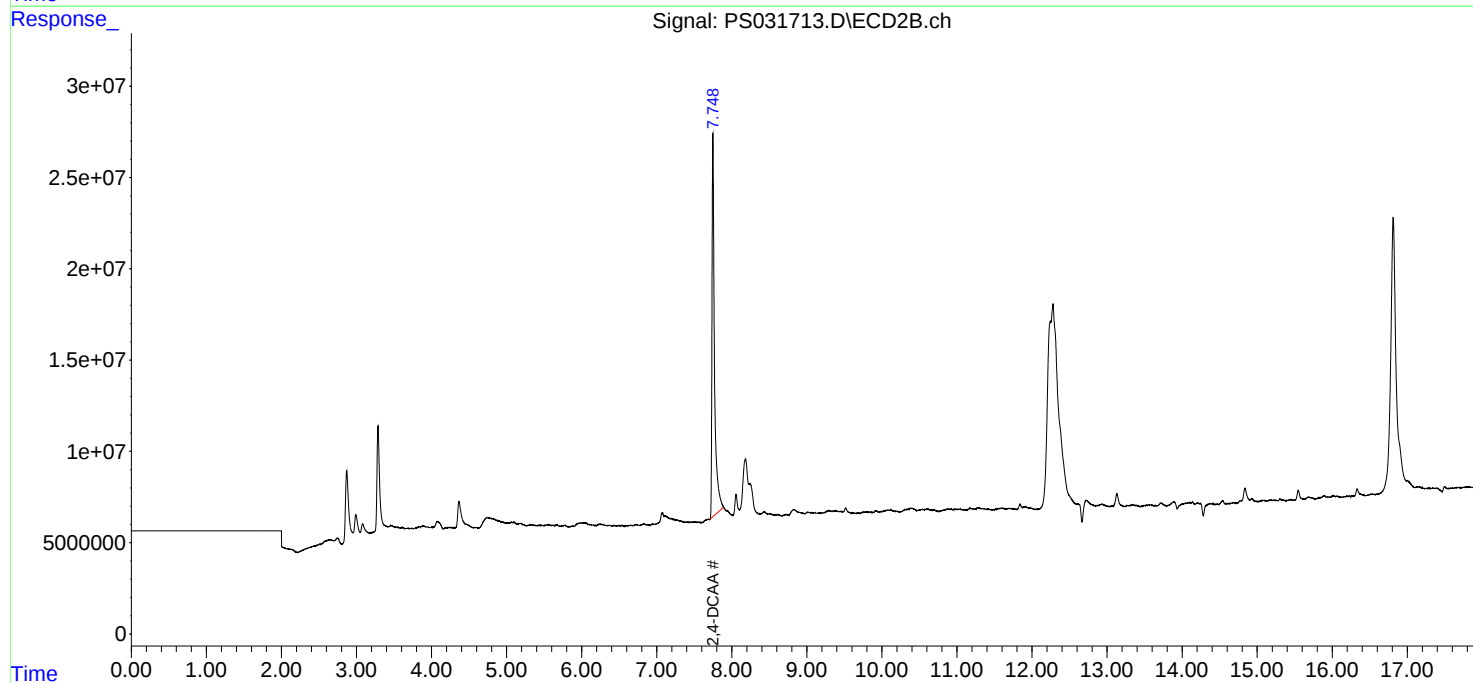
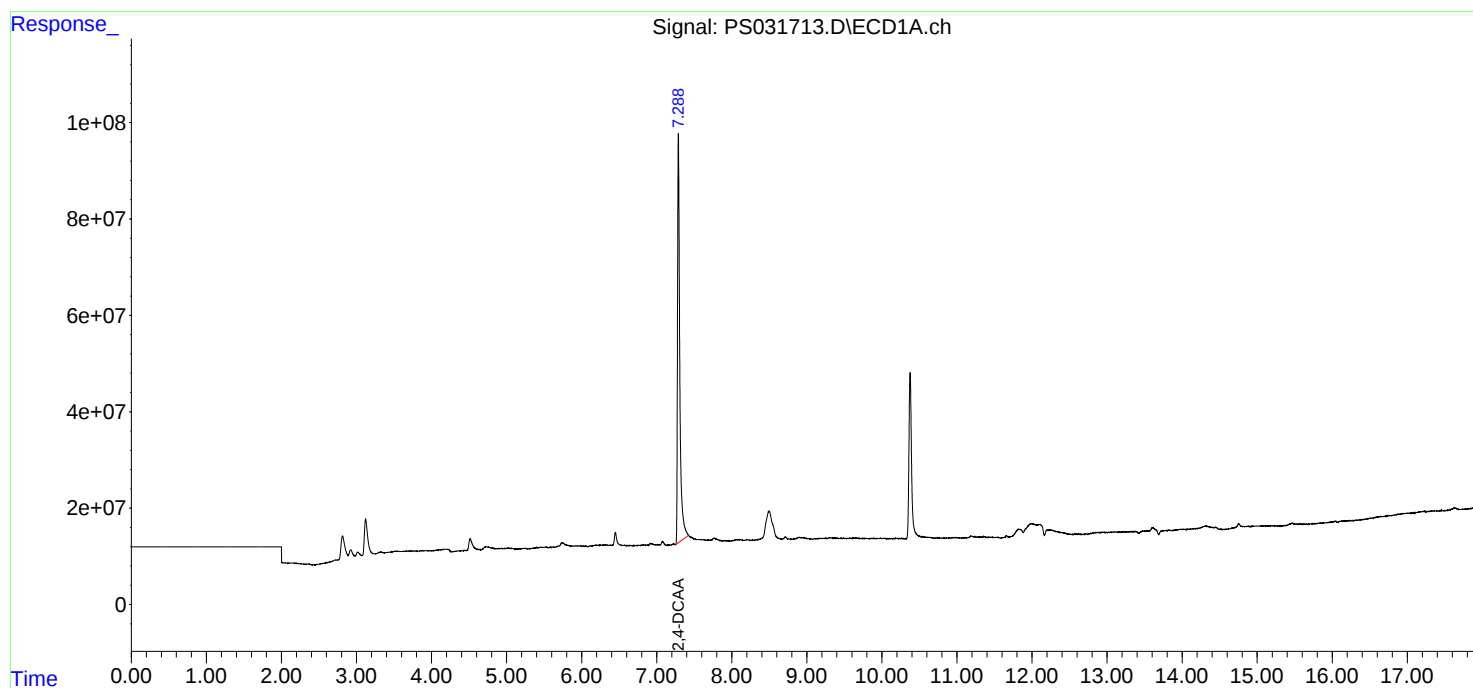
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

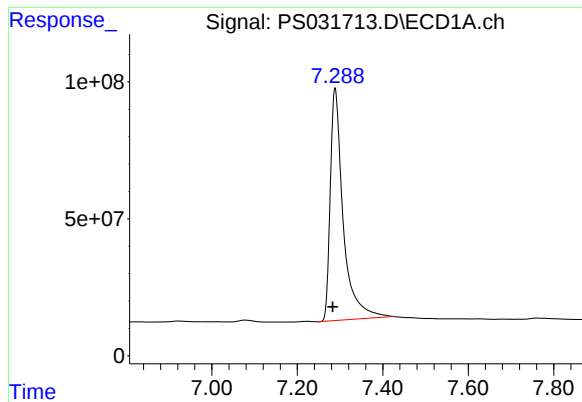
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031713.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 21:20
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:38:59 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

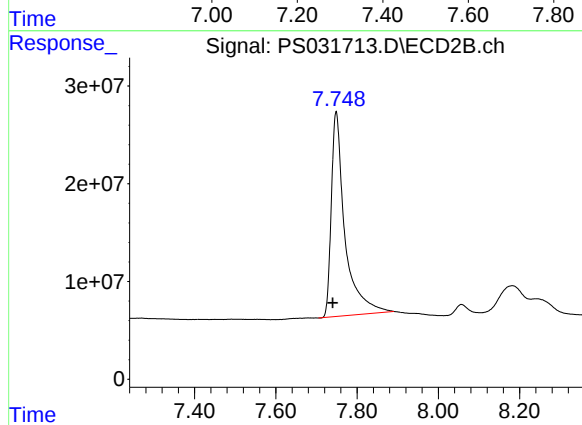




#4 2,4-DCAA

R.T.: 7.289 min
Delta R.T.: 0.005 min
Response: 1782259501
Conc: 494.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.749 min
Delta R.T.: 0.008 min
Response: 487258651
Conc: 536.10 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169662BS	SDG No.:	Q3032
Lab Sample ID:	PB169662BS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031707.D	1	09/11/25 09:00	09/11/25 18:55	PB169662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	6.20		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.40		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	582		70 (61) - 130 (136)	116%	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\PS091125\
 Data File : PS031707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 18:55
 Operator : AR\AJ
 Sample : PB169662BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169662BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:36:35 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	2095.0E6	516.9E6	581.684	568.676
Target Compounds							
1) T	Dalapon	2.671	2.691	2859.8E6	1391.8E6	494.706	493.963
2) T	3,5-DICHL...	6.454	6.698	2745.5E6	701.3E6	514.781	459.867
3) T	4-Nitroph...	7.102	7.304	600.7E6	431.6E6	544.494	341.746 #
5) T	DICAMBA	7.470	7.940	8306.8E6	3303.2E6	532.599	507.648
6) T	MCPD	7.647	8.036	435.3E6	111.2E6	48.693	59.024
7) T	MCPA	7.796	8.282	540.4E6	138.5E6	48.635	49.431
8) T	DICHLORPROP	8.179	8.661	1876.1E6	700.5E6	526.722	481.424
9) T	2,4-D	8.419	9.006	2132.9E6	804.8E6	622.632	489.190
10) T	Pentachlo...	8.709	9.510	30545.8E6	21546.7E6	575.317	542.867
11) T	2,4,5-TP ...	9.288	9.896	11357.7E6	7868.9E6	541.523	522.700
12) T	2,4,5-T	9.587	10.326	9798.2E6	6830.8E6	535.472	507.601
13) T	2,4-DB	10.163	10.895	1263.0E6	568.4E6	541.420	531.237
14) T	DINOSEB	11.356	11.267	8235.7E6	5588.9E6	571.022	574.951
15) T	Picloram	11.192	12.394	9063.0E6	11811.6E6	503.189	498.731
16) T	DCPA	11.655	12.308	14821.0E6	13118.9E6	549.946	544.261

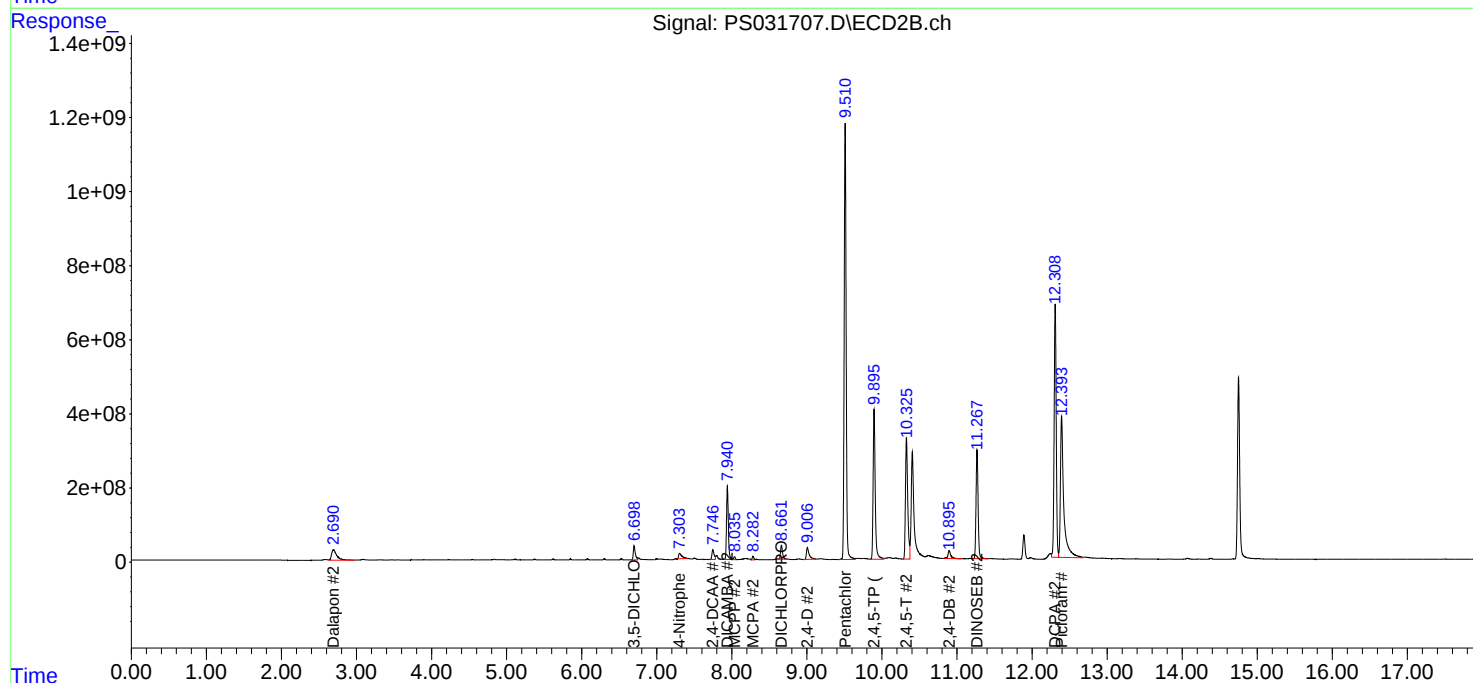
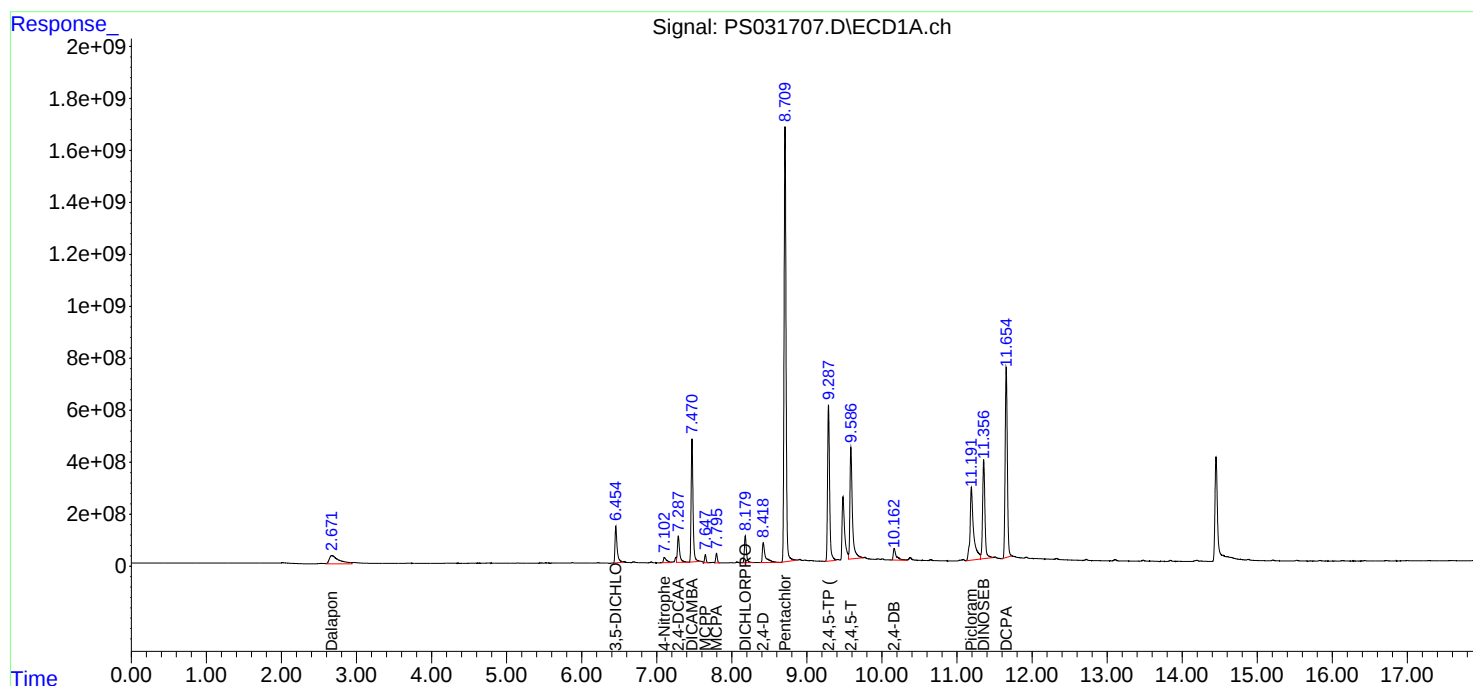
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:55
Operator : AR\AJ
Sample : PB169662BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169662BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:36:35 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:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031710.D	1	09/11/25 09:00	09/11/25 20:07	PB169662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	59.8		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	53.0		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	648		70 (61) - 130 (136)	130%	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\PS091125\
 Data File : PS031710.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 20:07
 Operator : AR\AJ
 Sample : Q3032-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-PILE-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/12/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:37:44 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	7.286	7.743	1922.4E6	589.0E6	533.779	648.080
Target Compounds							
1) T	Dalapon	2.667	2.692	4075.4E6	2715.4E6	704.988m	963.702 #
2) T	3,5-DICHL...	6.453	6.697	1914.2E6	475.6E6	358.920	311.870
5) T	DICAMBA	7.469	7.940	7102.0E6	2883.2E6	455.355	443.097
6) T	MCPD	7.646	8.036	359.2E6	70305953	40.182	37.329
7) T	MCPA	7.795	8.282	542.8E6	117.8E6	48.855	42.044
8) T	DICHLORPROP	8.178	8.659	1750.7E6	681.0E6	491.533	468.027
9) T	2,4-D	8.414	8.999	1999.4E6	983.8E6	583.649	598.031
10) T	Pentachlo...	8.708	9.509	14702.2E6	9935.1E6	276.910	250.314
11) T	2,4,5-TP ...	9.286	9.893	11120.0E6	7626.7E6	530.188	506.613
12) T	2,4,5-T	9.582	10.323	10159.5E6	6865.7E6	555.222	510.192
13) T	2,4-DB	10.158	10.890	1188.8E6	520.7E6	509.595	486.652
14) T	DINOSEB	11.356	11.268	3418.6E6	1914.6E6	237.031	196.963
15) T	Picloram	11.185	12.387	8345.3E6	10183.5E6	463.342	429.988
16) T	DCPA	11.654	12.308	13102.1E6	11929.9E6	486.167	494.932

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031710.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 20:07
Operator : AR\AJ
Sample : Q3032-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

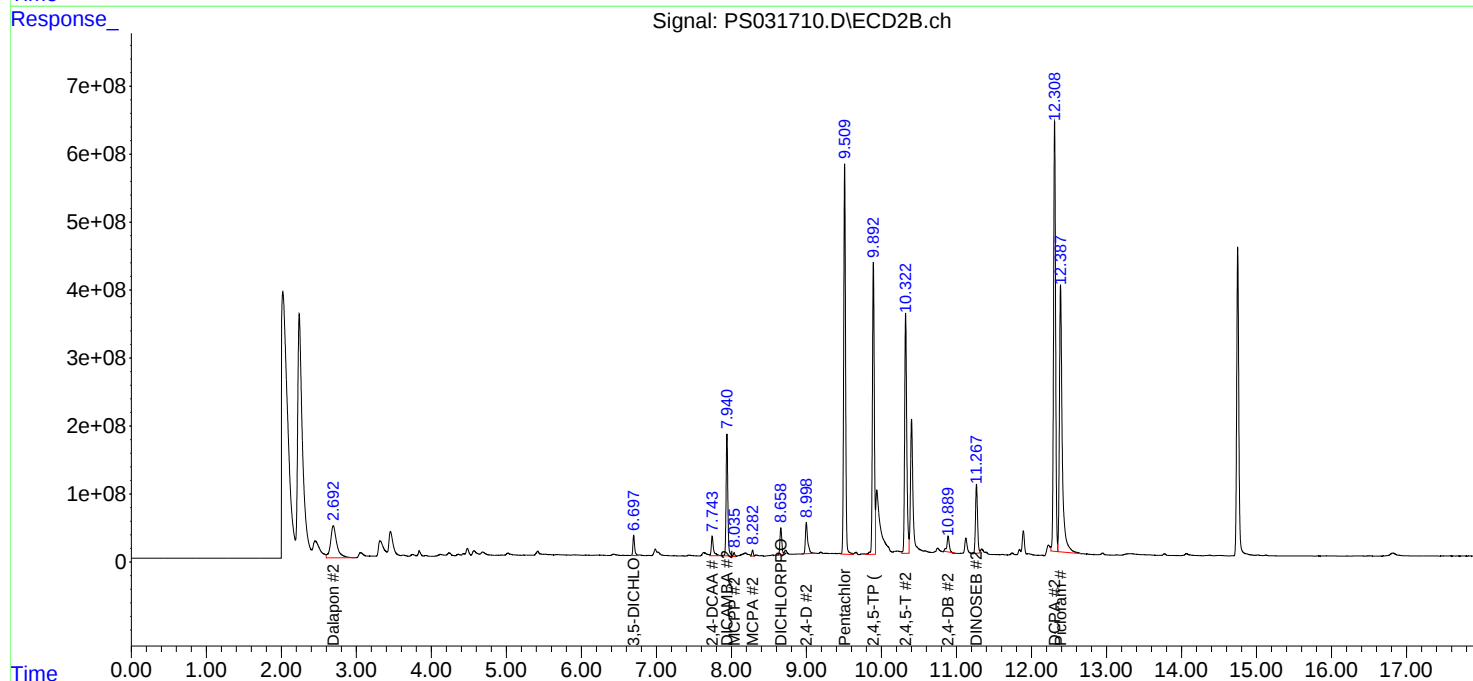
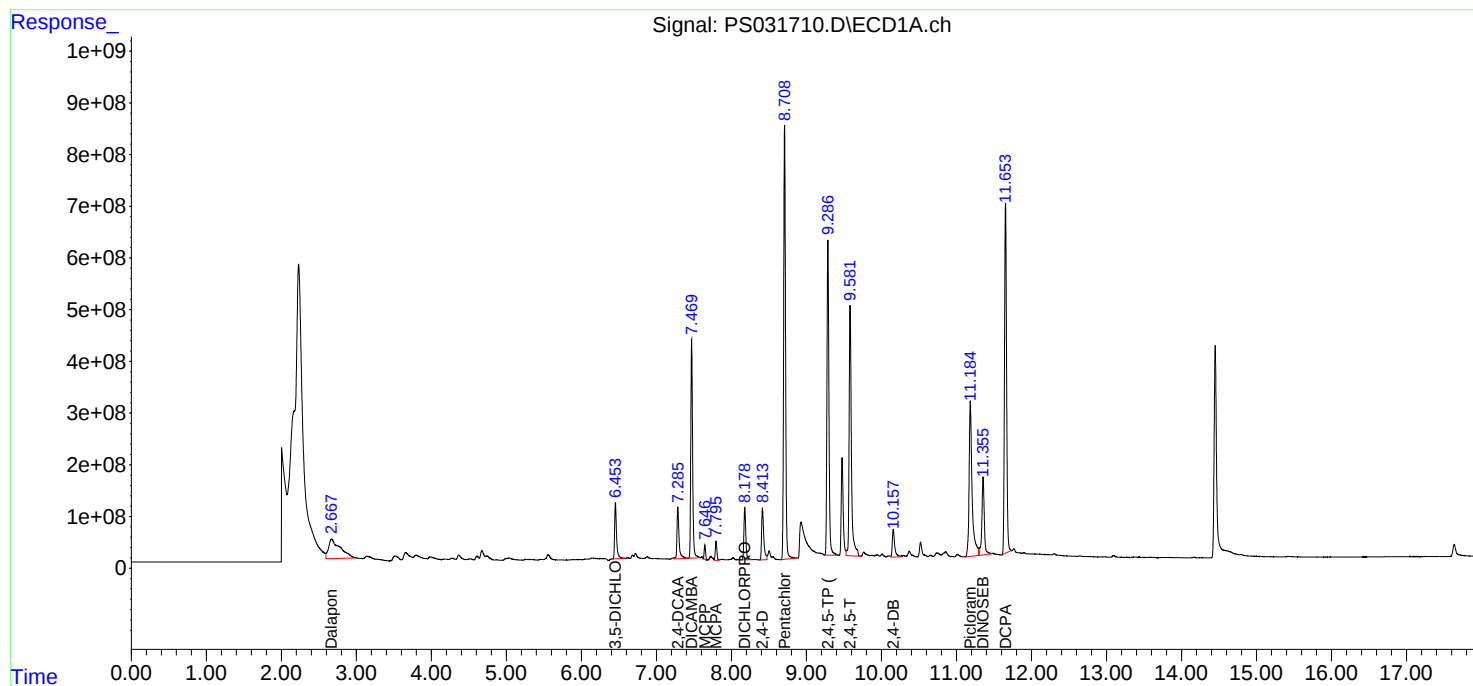
Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1MS

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/12/2025
Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:37:44 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:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031711.D	1	09/11/25 09:00	09/11/25 20:32	PB169662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	58.4		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	53.0		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	658	*	70 (61) - 130 (136)	132%	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\PS091125\
 Data File : PS031711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 20:32
 Operator : AR\AJ
 Sample : Q3032-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

SOIL-PILE-1MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:38:09 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	2008.0E6	598.4E6	557.552	658.362
Target Compounds							
1) T	Dalapon	2.671	2.692	3920.4E6	2561.5E6	678.179m	909.115 #
2) T	3,5-DICHL...	6.452	6.696	2175.1E6	536.5E6	407.837	351.784
5) T	DICAMBA	7.469	7.940	7076.8E6	2882.0E6	453.736	442.914
6) T	MCPD	7.646	8.035	365.5E6	66148899	40.888	35.122
7) T	MCPA	7.795	8.282	532.3E6	115.0E6	47.909	41.069
8) T	DICHLORPROP	8.177	8.659	1760.0E6	679.5E6	494.132	466.978
9) T	2,4-D	8.413	8.998	1982.7E6	960.0E6	578.777	583.554
10) T	Pentachlo...	8.708	9.509	19557.6E6	13193.1E6	368.359	332.399
11) T	2,4,5-TP ...	9.286	9.893	11107.2E6	7548.7E6	529.576	501.434
12) T	2,4,5-T	9.582	10.323	10126.7E6	6705.2E6	553.426	498.266
13) T	2,4-DB	10.158	10.890	1223.2E6	502.8E6	524.375	469.883
14) T	DINOSEB	11.356	11.268	4330.8E6	2567.9E6	300.277	264.172
15) T	Picloram	11.186	12.388	8365.7E6	10087.3E6	464.477	425.924
16) T	DCPA	11.653	12.308	12708.4E6	11758.7E6	471.558	487.829

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
Data File : PS031711.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 20:32
Operator : AR\AJ
Sample : Q3032-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

SOIL-PILE-1MSD

Manual Integrations

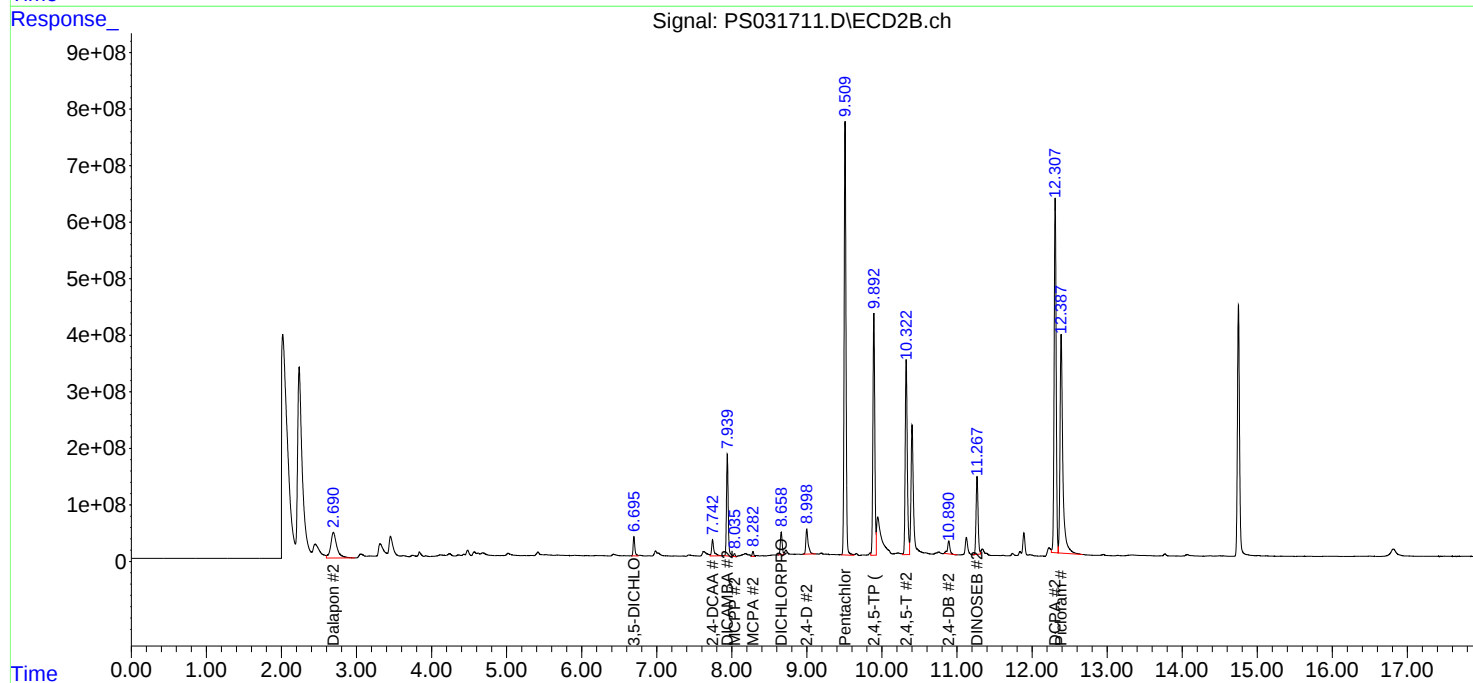
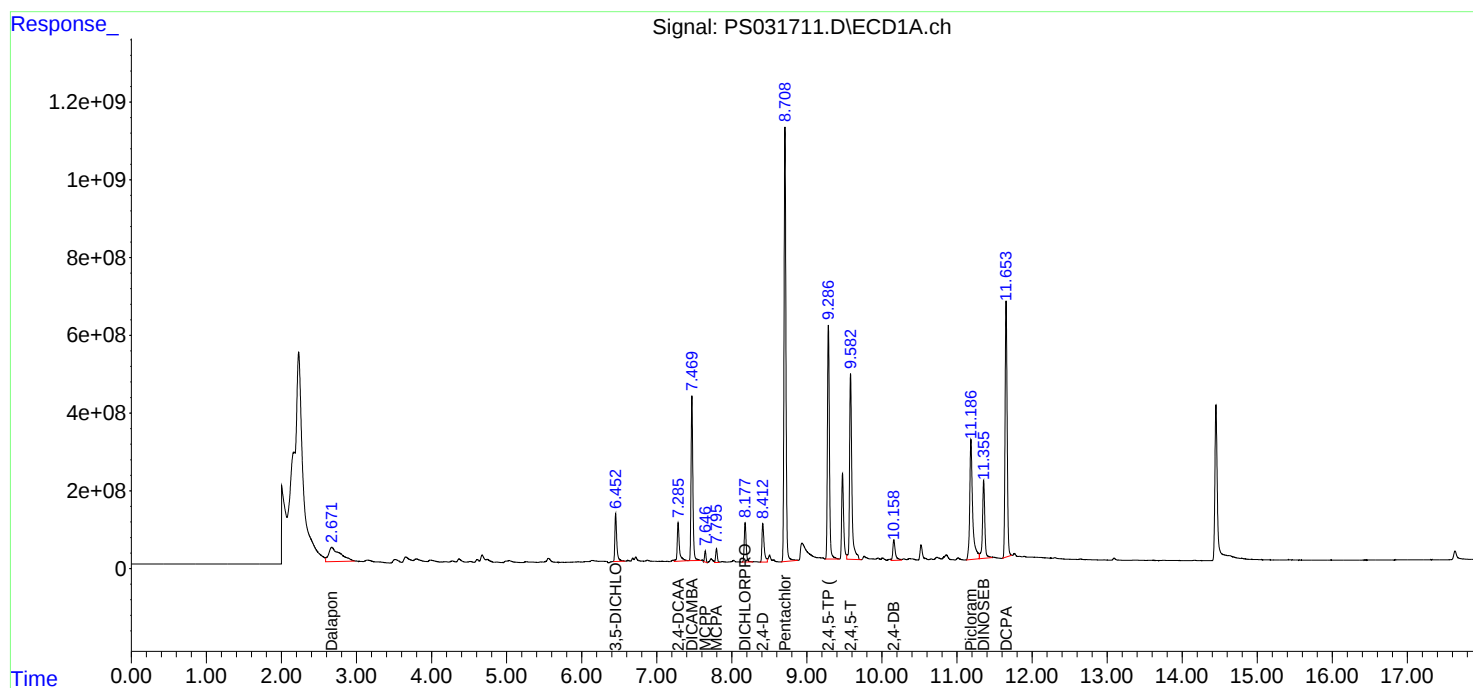
APPROVED

Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:38:09 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:

PS091125

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PS031696.D	2,4-DCAA #2	Abdul	9/12/2025 9:18:42 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS031697.D	4-Nitrophenol	Abdul	9/12/2025 9:28:49 AM	 	 	Peak Integrated by Software
I.BLK	PS031704.D	2,4-DCAA #2	Abdul	9/12/2025 9:29:09 AM	 	 	Peak Integrated by Software
Q3032-02MS	PS031710.D	Dalapon	Abdul	9/12/2025 9:29:13 AM	 	 	Peak Integrated by Software
Q3032-02MSD	PS031711.D	Dalapon	Abdul	9/12/2025 9:29:17 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS031714.D	4-Nitrophenol	Abdul	9/12/2025 9:29:22 AM	 	 	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	Not Ok
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/QCBatch ID # PS091125

Review By	Abdul	Review On	9/12/2025 9:29:46 AM
Supervise By		Supervise On	
SubDirectory	PS091125	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	PS031695.D	11 Sep 2025 09:20	AR\AJ	Ok
2	I.BLK	PS031696.D	11 Sep 2025 09:44	AR\AJ	Ok,NS
3	HSTDCCC750	PS031697.D	11 Sep 2025 10:09	AR\AJ	Ok,NS
4	Q2893-01	PS031698.D	11 Sep 2025 14:51	AR\AJ	Not Ok
5	Q2893-07	PS031699.D	11 Sep 2025 15:18	AR\AJ	Not Ok
6	Q2893-01	PS031700.D	11 Sep 2025 15:59	AR\AJ	Not Ok
7	Q2893-07	PS031701.D	11 Sep 2025 16:23	AR\AJ	Not Ok
8	Q2893-02	PS031702.D	11 Sep 2025 16:47	AR\AJ	Ok,NS
9	Q2893-08	PS031703.D	11 Sep 2025 17:11	AR\AJ	Ok,NS
10	I.BLK	PS031704.D	11 Sep 2025 17:36	AR\AJ	Ok,NS
11	HSTDCCC750	PS031705.D	11 Sep 2025 18:00	AR\AJ	Ok
12	PB169662BL	PS031706.D	11 Sep 2025 18:31	AR\AJ	Ok
13	PB169662BS	PS031707.D	11 Sep 2025 18:55	AR\AJ	Ok
14	PB169589TB	PS031708.D	11 Sep 2025 19:19	AR\AJ	Ok
15	Q3032-02	PS031709.D	11 Sep 2025 19:43	AR\AJ	Ok
16	Q3032-02MS	PS031710.D	11 Sep 2025 20:07	AR\AJ	Ok,NS
17	Q3032-02MSD	PS031711.D	11 Sep 2025 20:32	AR\AJ	Ok,NS
18	Q3032-05	PS031712.D	11 Sep 2025 20:56	AR\AJ	Ok
19	I.BLK	PS031713.D	11 Sep 2025 21:20	AR\AJ	Ok
20	HSTDCCC750	PS031714.D	11 Sep 2025 21:44	AR\AJ	Ok,NS

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	Comp # 6 & 7 not detected	AR\AJ	Not Ok
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 # PS091125

Review By	Abdul	Review On	9/12/2025 9:29:46 AM
Supervise By		Supervise On	
SubDirectory	PS091125	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	PS031695.D	11 Sep 2025 09:20		AR\AJ	Ok
2	I.BLK	I.BLK	PS031696.D	11 Sep 2025 09:44		AR\AJ	Ok,NS
3	HSTDCCC750	HSTDCCC750	PS031697.D	11 Sep 2025 10:09		AR\AJ	Ok,NS
4	Q2893-01	LOD-MDL-SOIL-01-QT	PS031698.D	11 Sep 2025 14:51	LOD SOIL 100PPB, comp # 6,7,15 low	AR\AJ	Not Ok
5	Q2893-07	LOD-MDL-WATER-01-Q	PS031699.D	11 Sep 2025 15:18	LOD water 100PPB, comp # 6,7,15 low	AR\AJ	Not Ok
6	Q2893-01	LOD-MDL-SOIL-01-QT	PS031700.D	11 Sep 2025 15:59	LOD SOIL 150PPB, comp # 3,6,15,16 low	AR\AJ	Not Ok
7	Q2893-07	LOD-MDL-WATER-01-Q	PS031701.D	11 Sep 2025 16:23	LOD water 150PPB, comp # 15,16 low	AR\AJ	Not Ok
8	Q2893-02	LOQ-SOIL-02-QT3-202	PS031702.D	11 Sep 2025 16:47	LOQ SOIL 200PPB	AR\AJ	Ok,NS
9	Q2893-08	LOQ-WATER-02-QT3-2	PS031703.D	11 Sep 2025 17:11	LOQ water 200PPB	AR\AJ	Ok,NS
10	I.BLK	I.BLK	PS031704.D	11 Sep 2025 17:36		AR\AJ	Ok,NS
11	HSTDCCC750	HSTDCCC750	PS031705.D	11 Sep 2025 18:00		AR\AJ	Ok
12	PB169662BL	PB169662BL	PS031706.D	11 Sep 2025 18:31		AR\AJ	Ok
13	PB169662BS	PB169662BS	PS031707.D	11 Sep 2025 18:55		AR\AJ	Ok
14	PB169589TB	PB169589TB	PS031708.D	11 Sep 2025 19:19		AR\AJ	Ok
15	Q3032-02	SOIL-PILE-1	PS031709.D	11 Sep 2025 19:43		AR\AJ	Ok
16	Q3032-02MS	SOIL-PILE-1MS	PS031710.D	11 Sep 2025 20:07	Some compound recovery fail	AR\AJ	Ok,NS
17	Q3032-02MSD	SOIL-PILE-1MSD	PS031711.D	11 Sep 2025 20:32	Some compound recovery & rpd fail	AR\AJ	Ok,NS

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS091125

Review By	Abdul	Review On	9/12/2025 9:29:46 AM
Supervise By		Supervise On	
SubDirectory	PS091125	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	PP24923
MS/MSD Standard LCS Standard	

18	Q3032-05	SOIL-PILE-2	PS031712.D	11 Sep 2025 20:56		AR\AJ	Ok
19	I.BLK	I.BLK	PS031713.D	11 Sep 2025 21:20		AR\AJ	Ok
20	HSTDCCC750	HSTDCCC750	PS031714.D	11 Sep 2025 21:44		AR\AJ	Ok,NS

M : Manual Integration

SOP ID : M1311-TCLP-16
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 40819719

Start Prep Date : 09/08/2025 **Time :** 16:00
End Prep Date : 09/09/2025 **Time :** 09:30
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *[Signature]*
Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
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 U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked, 30 rpm. q3045-05 is oil sample so no fluid determination and % is <0.5 so consider as water sample. q3051-02 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/09/25 10:40	<i>[Signature]</i> 120 Room	<i>[Signature]</i> RI/EXT
	Preparation Group	Analysis Group <i>[Signature]</i>

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169589TB	LEB589	N/A	N/A	N/A	N/A	N/A	N/A
Q2982-10	MOO-25-0236	N/A	N/A	N/A	N/A	100	N/A
Q3030-01	BLEECKER-082825HU01-TCLP	N/A	N/A	N/A	N/A	100	N/A
Q3032-02	SOIL-PILE-1	N/A	N/A	N/A	N/A	100	N/A
Q3032-05	SOIL-PILE-2	N/A	N/A	N/A	N/A	100	N/A
Q3045-05	DNAPL-OIL	N/A	N/A	N/A	N/A	<0.5	N/A
Q3046-02	IRV-CONCRETE	N/A	N/A	N/A	N/A	100	N/A
Q3050-01	72-11939	N/A	N/A	N/A	N/A	100	N/A
Q3051-02	VNJ-223	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB169589TB	LEB589	N/A	N/A	N/A	N/A	#1	4.93
Q2982-10	MOO-25-0236	5.02	96.5	11.5	4.5	#1	4.93
Q3030-01	BLEECKER-082825HU01-TCLP	5.00	96.5	6.0	2.5	#1	4.93
Q3032-02	SOIL-PILE-1	5.01	96.5	9.0	3.5	#1	4.93
Q3032-05	SOIL-PILE-2	5.02	96.5	8.6	3.5	#1	4.93
Q3045-05	DNAPL-OIL	N/A	N/A	N/A	N/A	N/A	N/A
Q3046-02	IRV-CONCRETE	5.02	96.5	11.5	4.5	#1	4.93
Q3050-01	72-11939	5.02	96.5	8.2	3.5	#1	4.93
Q3051-02	VNJ-223	5.02	96.5	5.6	2.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip q3045 WorkList ID : 191742 Department : TCLP Extraction Date : 09-08-2025 15:12:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2982-10	MOO-25-0236	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	08/28/2025	1311
Q3030-01	BLEECKER-082825HU01-TCLF	Solid	TCLP Extraction	Cool 4 deg C	CLOU03	D31	08/28/2025	1311
Q3032-02	SOIL-PILE-1	Solid	TCLP Extraction	Cool 4 deg C	ZUCC01	D31	09/05/2025	1311
Q3032-05	SOIL-PILE-2	Solid	TCLP Extraction	Cool 4 deg C	ZUCC01	D31	09/05/2025	1311
Q3045-05	DNAPL-OIL	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3046-02	IRV-CONCRETE	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3050-01	72-11939	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3051-02	VNJ-223	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311

Date/Time 09/08/25 13:00 15:25
 Raw Sample Received by: SS WCC
 Raw Sample Relinquished by: SS WCC

Date/Time 09/08/25 18:00
 Raw Sample Received by: SS WCC
 Raw Sample Relinquished by: SS WCC



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Zuccaro Inc.

ADDRESS: 3 Coal Ave

CITY: Morristown STATE: NJ ZIP:

ATTENTION: Sal Zuccaro

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 3 Coal Ave, Morristown, NJ

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY: Summit

STATE:

ZIP:

ATTENTION:

PHONE:

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

Metals TCL-TCL
SVOC-TCL BNA-20
PCB
TCL BNA
Mercury
TCL VOA
VOA-TCL VOA-10

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.	Soil pile #1	SOL	X		9.5.25	11:14	5	X	X	X	X	X					
2.	I			X		11:16	5						X	X			
3.	Soil pile #2		X			11:36	5	X	X	X	X	X					
4.	I			X		11:40	5						X	X			
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME: 12:06	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☒ NON COMPLIANT	COOLER TEMP: 4.2°C
1. [Signature]	9.5.2025	1. [Signature]	Comments: Equal volume of soil used, 5:1 composite	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	* Soil pile #1 - 24x16x7 = measurement *	
2. [Signature]		2. [Signature]	* Soil pile #2 - 24x22x7 = measurement *	
RELINQUISHED BY SAMPLER:	DATE/TIME: 12:36	RECEIVED BY:		
3. [Signature]	9.5.2025	3. [Signature]		

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: 3 COOL AVE,
MORRISTOWN, N.J.

Service Order #:

Work Order #:

Labor WBS #:

Facility/Site:

Site Address: 3 COOL AVE
MORRISTOWN, NJ.

Chemtech Order ID:

Sampler Name: Lawrence Carter

Client Project Coordinator & Phone:

Page #: 1 of 1

Date: 9.5.2025

Arrive Time: 10:38

Depart Time: 12:06

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths:

Temp (range):

°C

PID Readings (range):

Dimensions/CY:

soil pile #1 / soil pile #2
100cy / 136cy

PPM

Odor: Y N

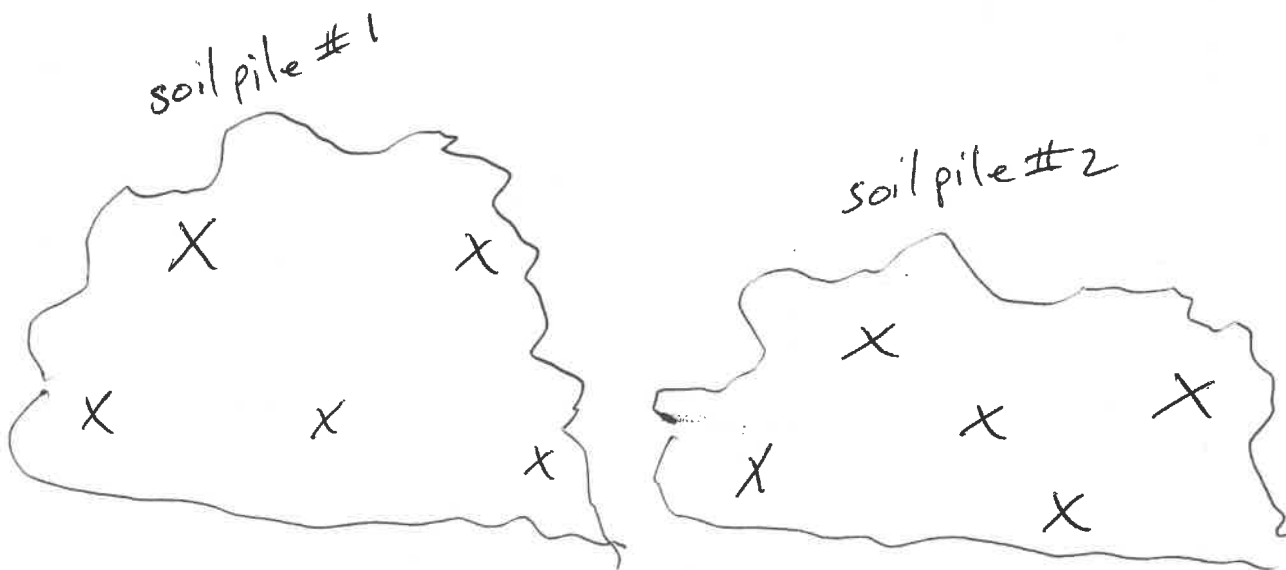
Color: Y N

Sample Description: Brown wet soil, rocks, GRASS.

Field Observations: SAMPLED, soil pile #1, soil pile #2

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: L. Carter

9.5.2025

Supervisor Review/Date:

Client Signature:

Date/Time Arrived at Lab:

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3032	ZUCC01	Order Date : 9/5/2025 12:41:17 PM	Project Mgr : Yazmeen
Client Name : Zuccaro Inc.		Project Name : 3 Coal Ave., Morristown, N	Report Type : Results+QC
Client Contact : Sal Zuccaro		Receive DateTime : 9/5/2025 12:36:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Zuccaro Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Sal Zuccaro			Date Signoff : 9/5/2025 2:08:49 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3032-02	SOIL-PILE-1	Solid	09/05/2025	11:14					
					TCLP VOA	TCLP-FULL	8260D	5 Bus. Days	09/12/2025
Q3032-03	SOIL-PILE-1	Solid	09/05/2025	11:16					
					VOC-TCLVOA-10		8260D	5 Bus. Days	09/12/2025
Q3032-05	SOIL-PILE-2	Solid	09/05/2025	11:36					
					TCLP VOA	TCLP-FULL	8260D	5 Bus. Days	09/12/2025
Q3032-06	SOIL-PILE-2	Solid	09/05/2025	11:40					
					VOC-TCLVOA-10		8260D	5 Bus. Days	09/12/2025

Relinquished By :

Date / Time :

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room