

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 19:07
 Operator : AR\AJ
 Sample : Q2893-02
 Misc : LOQ SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 02:26:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.742	1713.3E6	434.5E6	539.782	514.012m
Target Compounds							
1) T	Dalapon	2.668	2.673	1079.9E6	1455.8E6	205.728	547.070 #
2) T	3,5-DICHL...	6.454	6.698	970.3E6	250.9E6	205.655	185.569
3) T	4-Nitroph...	7.098	7.305	196.0E6	191.0E6	190.005	151.929
5) T	DICAMBA	7.469	7.939	2760.8E6	1066.6E6	197.676	187.685m
6) T	MCPD	7.644	8.032	119.0E6	19249039	14.797m	10.888m#
7) T	MCPA	7.794	8.279	167.1E6	36198736	16.778	12.903
8) T	DICHLORPROP	8.178	8.659	746.0E6	286.4E6	235.148	214.514m
9) T	2,4-D	8.417	9.006	724.5E6	346.3E6	251.851	242.595
10) T	Pentachlo...	8.709	9.509	11182.8E6	7364.7E6	232.914	211.456
11) T	2,4,5-TP ...	9.287	9.892	4409.5E6	3128.7E6	246.013	238.537
12) T	2,4,5-T	9.583	10.326	3007.9E6	2251.4E6	205.303m	190.159m
13) T	2,4-DB	10.162	10.896	387.6E6	160.9E6	201.703m	166.764
14) T	DINOSEB	11.357	11.267	2748.2E6	1776.2E6	216.758	187.816
15) T	Picloram	11.194	12.400	1825.8E6	2266.3E6	139.865m	129.282
16) T	DCPA	11.653	12.307	4001.9E6	4258.7E6	175.681m	216.174m

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

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Acq On : 03 Sep 2025 19:07
Operator : AR\AJ
Sample : Q2893-02
Misc : LOQ SOIL
ALS Vial : 17 Sample Multiplier: 1

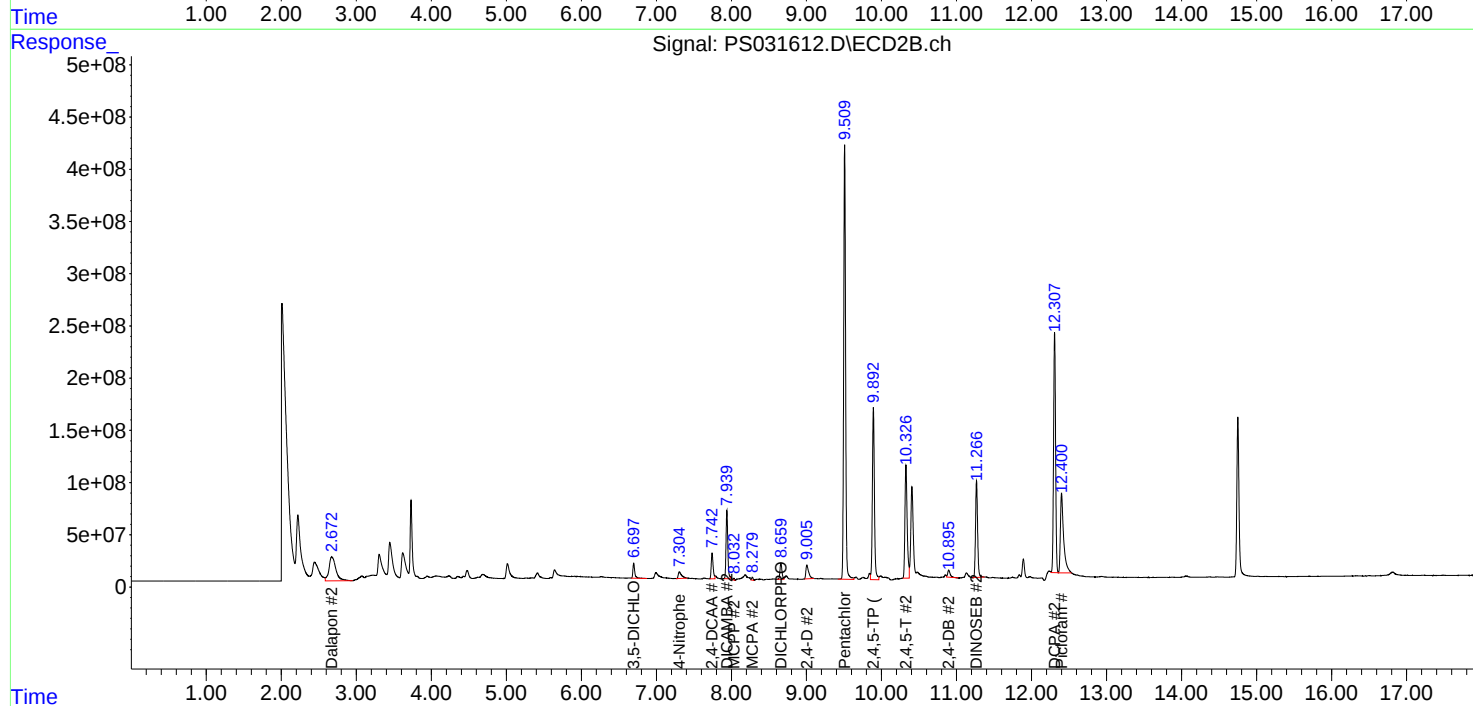
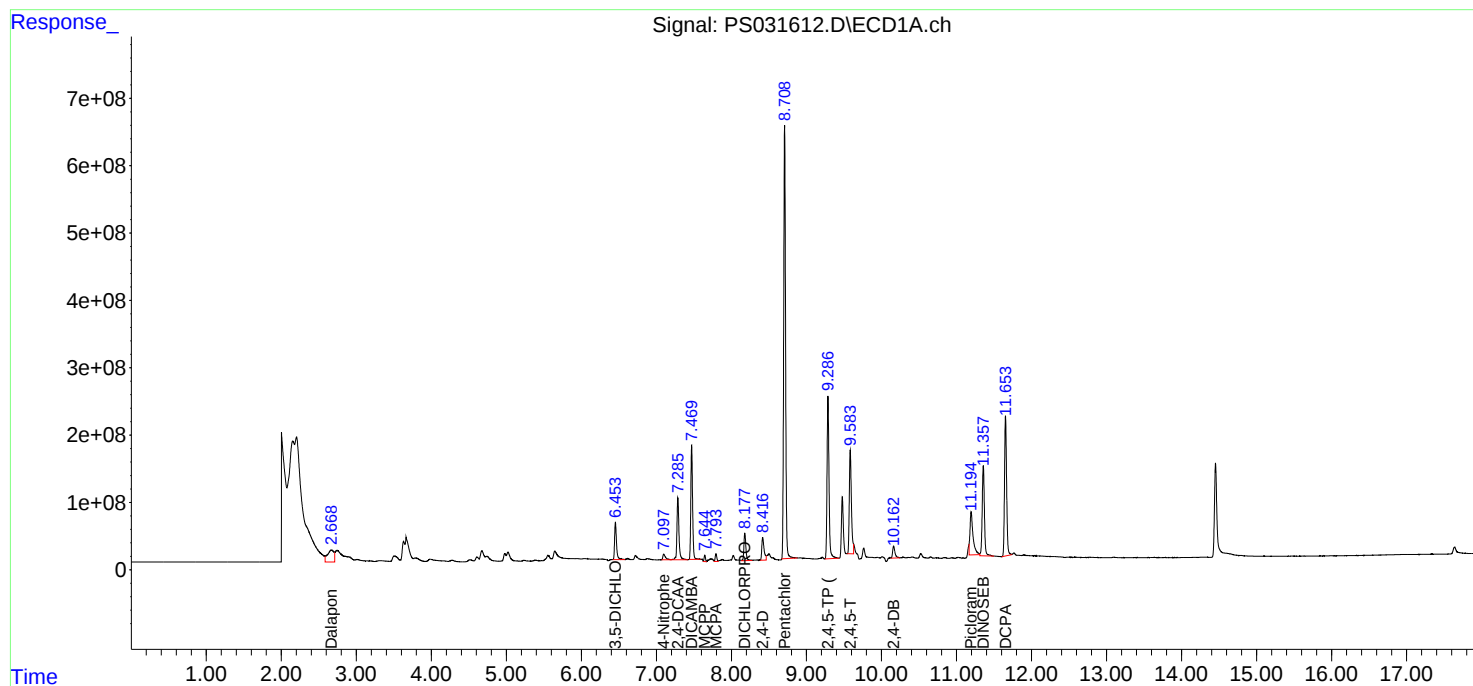
Instrument :
ECD_S
ClientSampleId :
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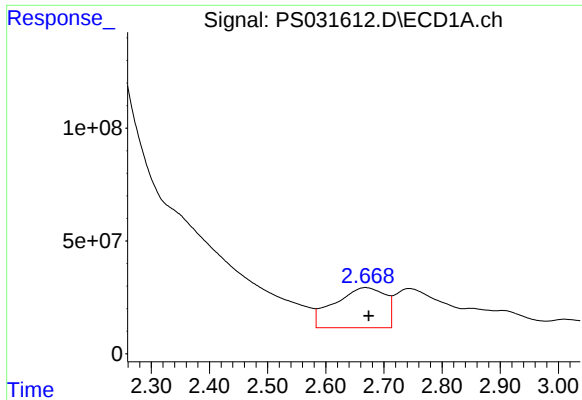
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Integration File signal 1: autoint1.e
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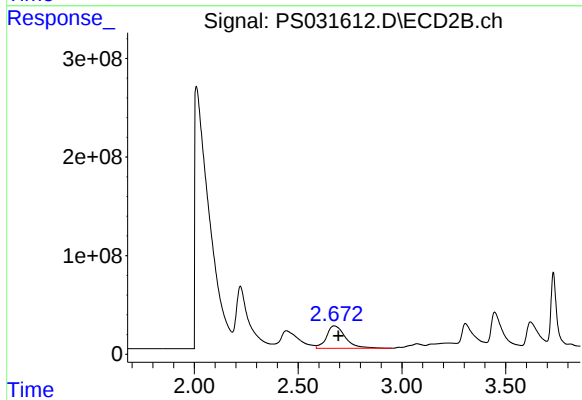
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.006 min
Response: 1079853053
Conc: 205.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2025

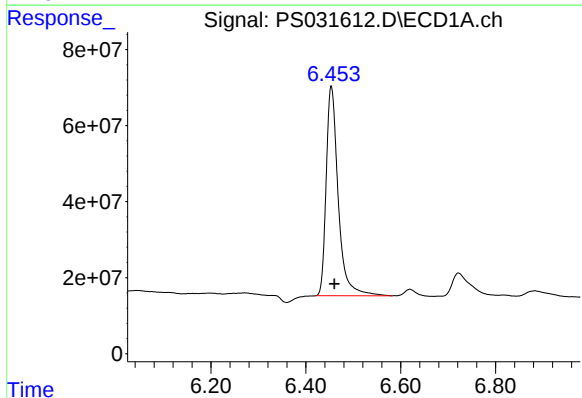
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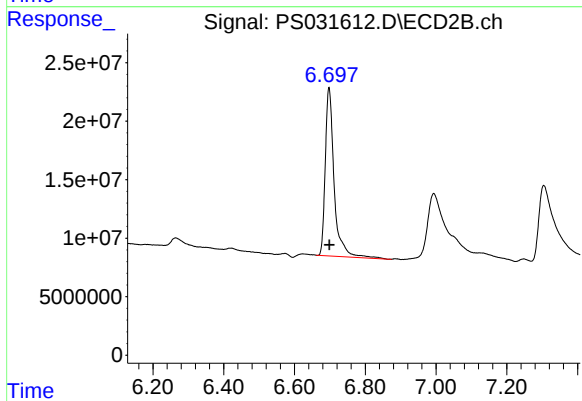
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: -0.022 min
Response: 1455759076
Conc: 547.07 ng/ml



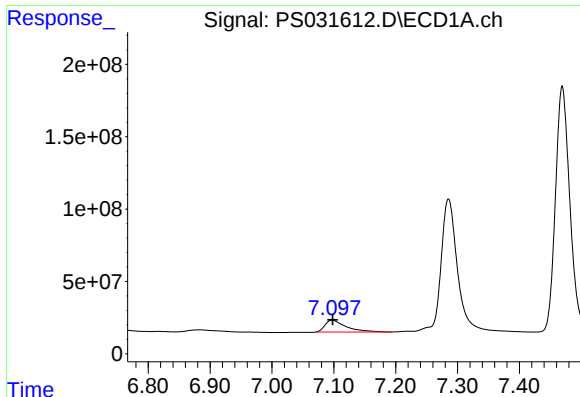
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 970345727
Conc: 205.66 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 250876337
Conc: 185.57 ng/ml



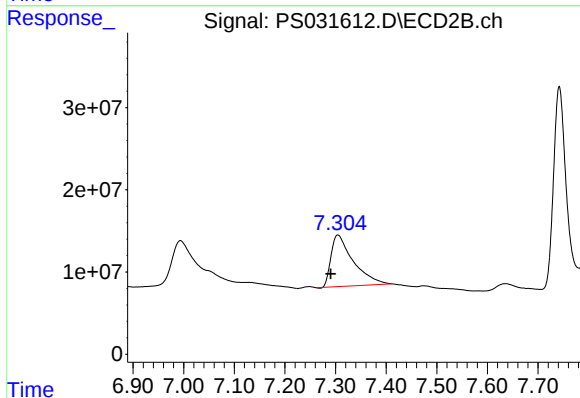
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 196024125
Conc: 190.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2025

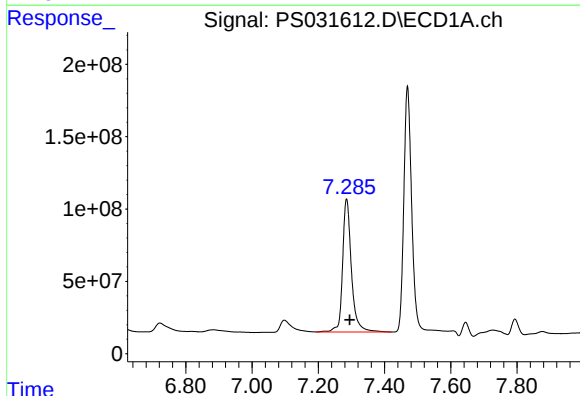
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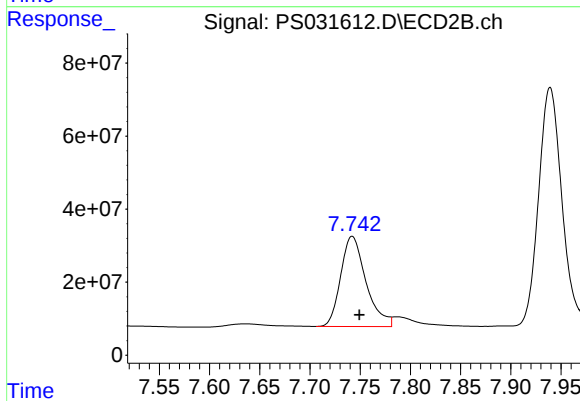
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.014 min
Response: 190957681
Conc: 151.93 ng/ml



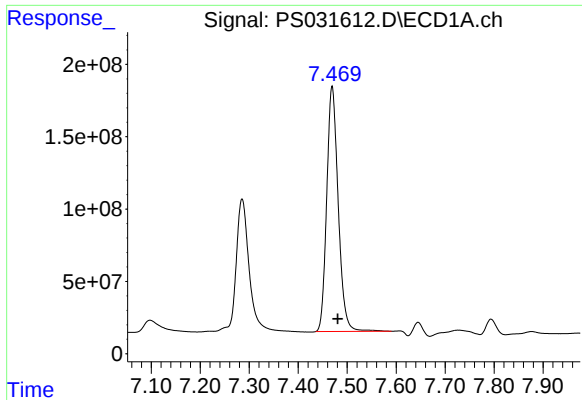
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 1713262951
Conc: 539.78 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.008 min
Response: 434515107
Conc: 514.01 ng/ml m



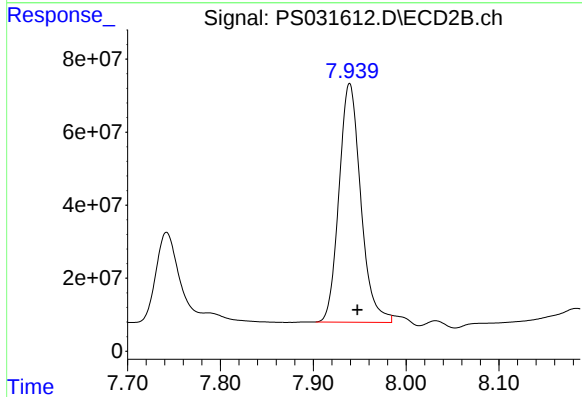
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: -0.011 min
Response: 2760836057
Conc: 197.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2025

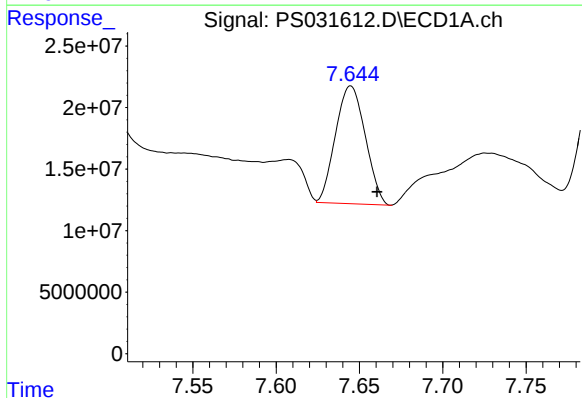
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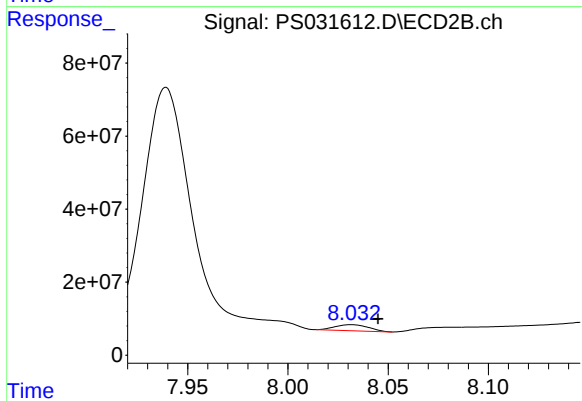
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 1066557548
Conc: 187.69 ng/ml m



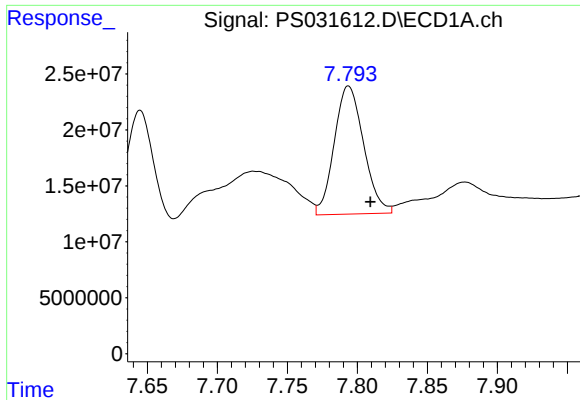
#6 MCP

R.T.: 7.644 min
Delta R.T.: -0.016 min
Response: 119036969
Conc: 14.80 ug/ml m



#6 MCP

R.T.: 8.032 min
Delta R.T.: -0.013 min
Response: 19249039
Conc: 10.89 ug/ml m



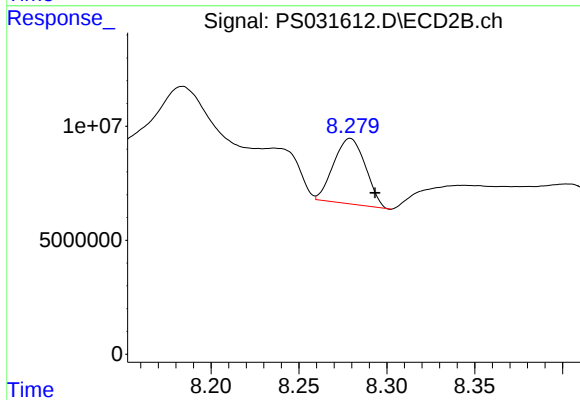
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.016 min
Response: 167130853
Conc: 16.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2025

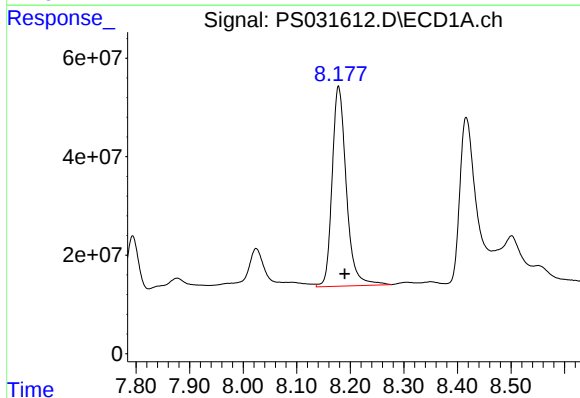
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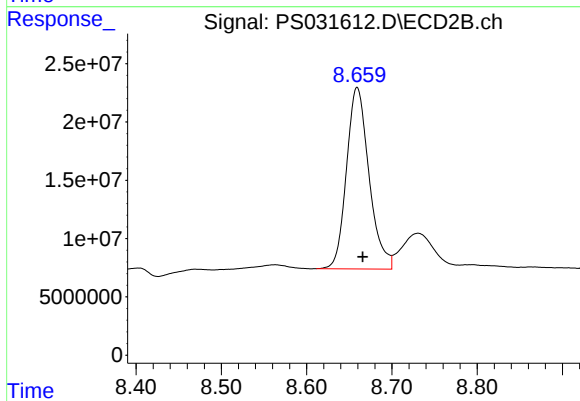
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.014 min
Response: 36198736
Conc: 12.90 ug/ml



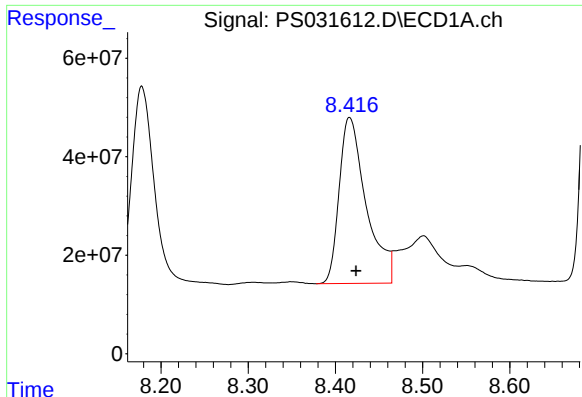
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: -0.011 min
Response: 745991209
Conc: 235.15 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 286383270
Conc: 214.51 ng/ml m



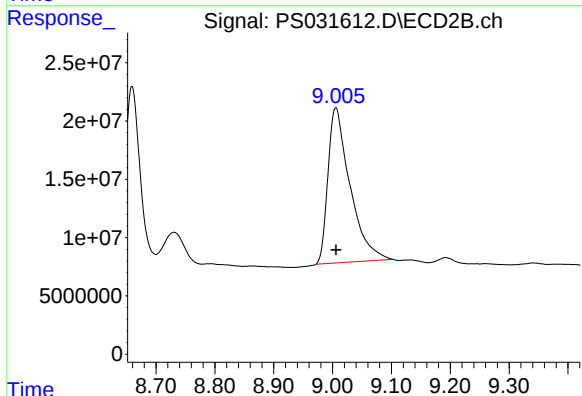
#9 2,4-D

R.T.: 8.417 min
Delta R.T.: -0.007 min
Response: 724529174
Conc: 251.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2025

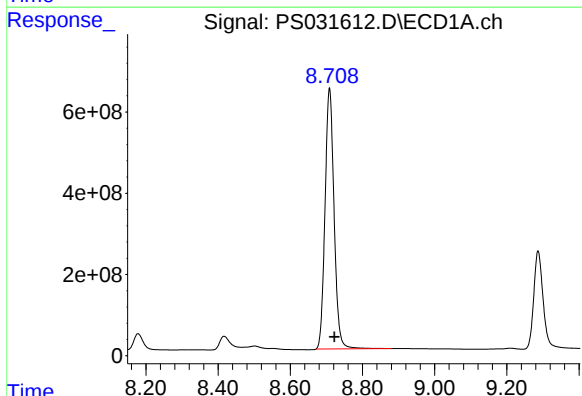
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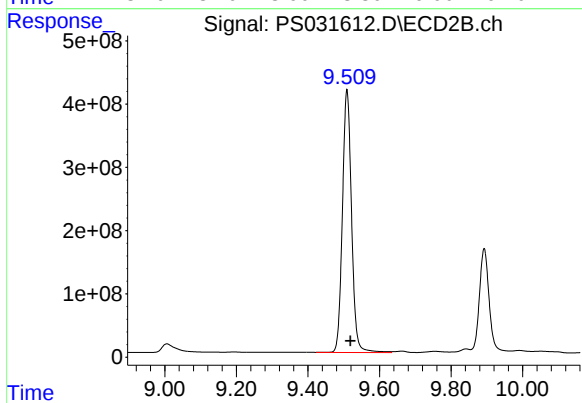
#9 2,4-D

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 346252959
Conc: 242.60 ng/ml



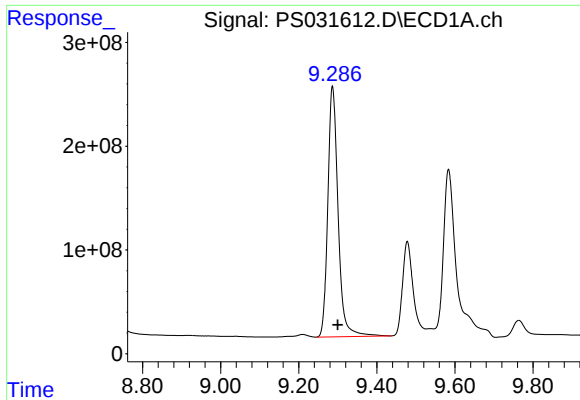
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.014 min
Response: 11182764016
Conc: 232.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.009 min
Response: 7364689343
Conc: 211.46 ng/ml



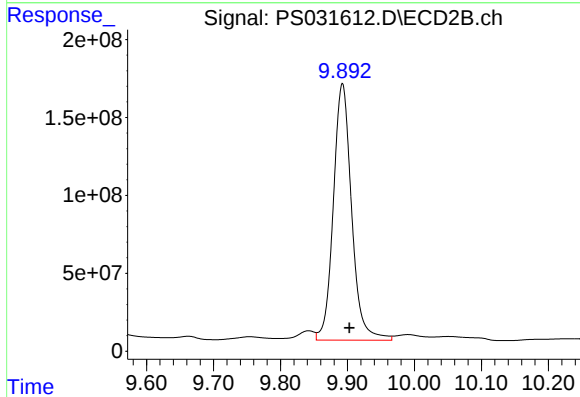
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 4409474628
Conc: 246.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2025

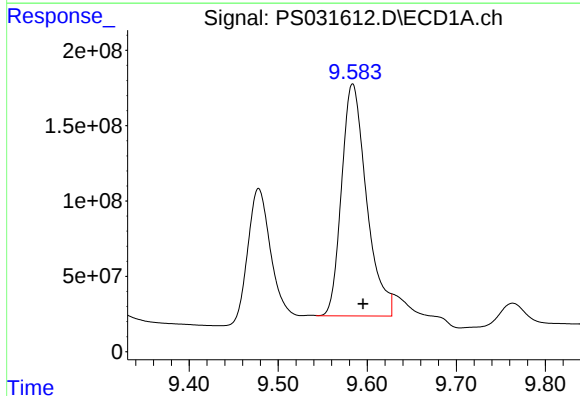
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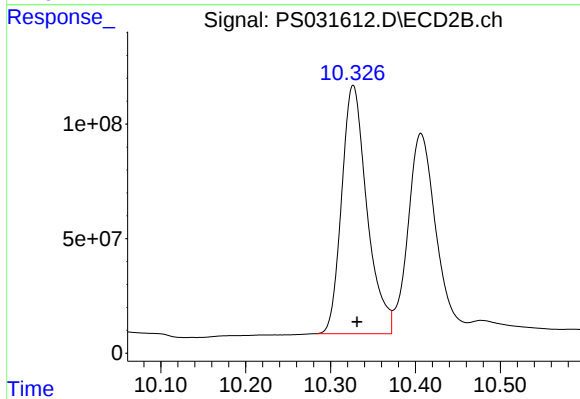
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.010 min
Response: 3128651523
Conc: 238.54 ng/ml



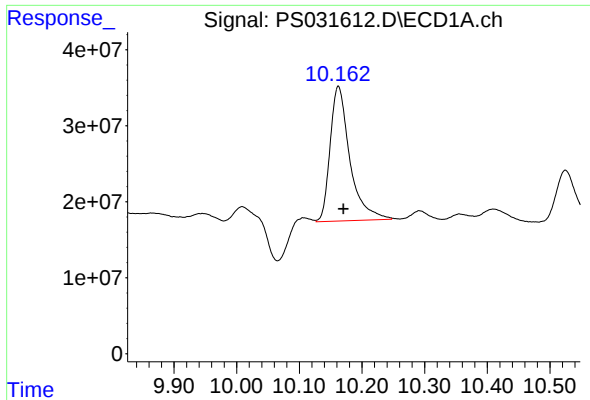
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: -0.012 min
Response: 3007940113
Conc: 205.30 ng/ml m



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: -0.005 min
Response: 2251440027
Conc: 190.16 ng/ml m



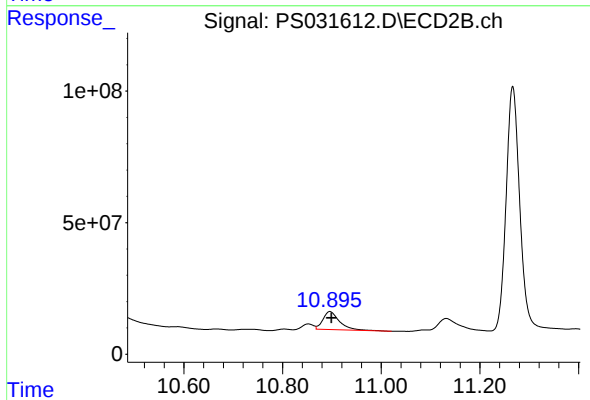
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 387616097
Conc: 201.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
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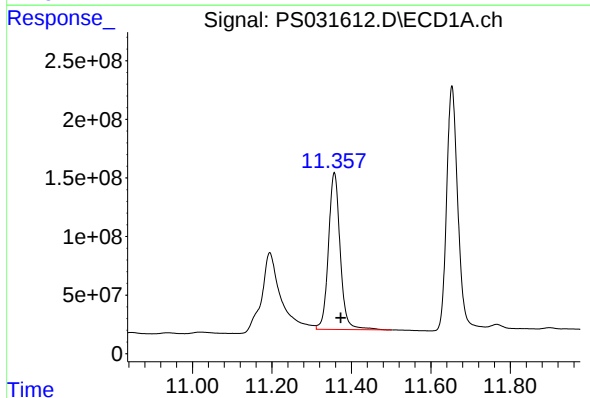
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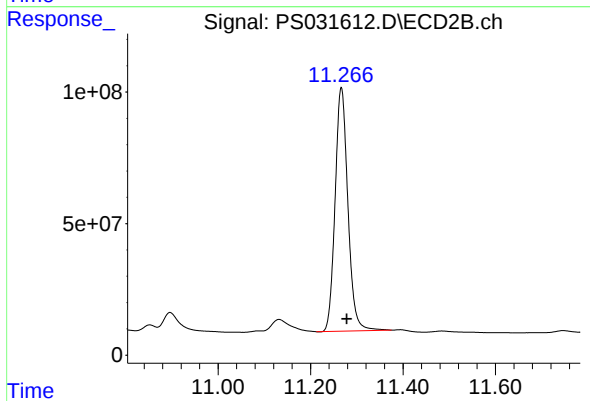
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: -0.003 min
Response: 160901824
Conc: 166.76 ng/ml



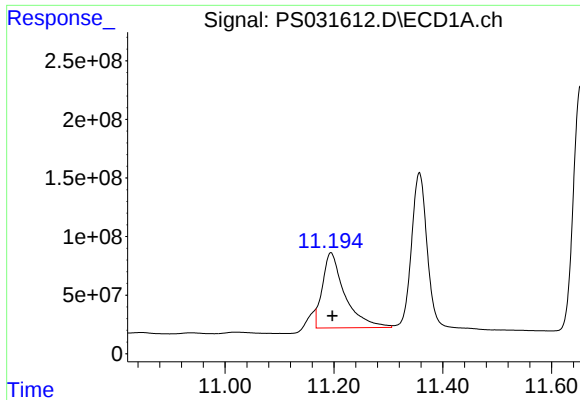
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: -0.016 min
Response: 2748160918
Conc: 216.76 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: -0.012 min
Response: 1776164347
Conc: 187.82 ng/ml



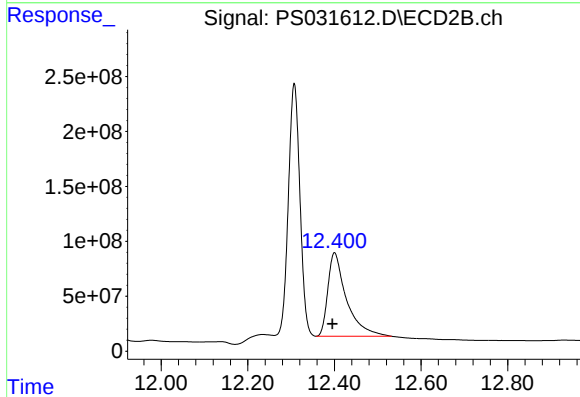
#15 Picloram

R.T.: 11.194 min
Delta R.T.: -0.003 min
Response: 1825821768
Conc: 139.87 ng/ml

Instrument :
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ClientSampleId :
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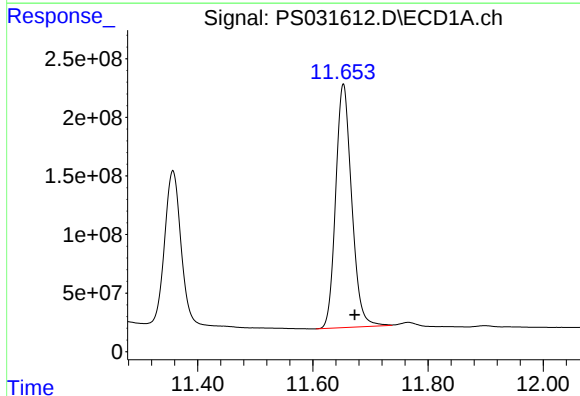
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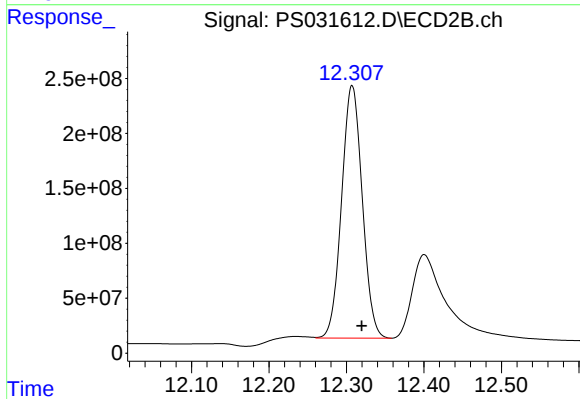
#15 Picloram

R.T.: 12.400 min
Delta R.T.: 0.005 min
Response: 2266277530
Conc: 129.28 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: -0.020 min
Response: 4001891410
Conc: 175.68 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 4258710656
Conc: 216.17 ng/ml m