

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061925\
 Data File : PS030758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 17:16
 Operator : AR\AJ
 Sample : Q2126-01
 Misc : LOD MDL SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2025
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 23:05:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.349	7.766	3525.7E6	1103.4E6	959.520	1029.303
Target Compounds							
1) T	Dalapon	2.708	2.706	579.2E6	333.8E6	97.090	121.756 #
2) T	3,5-DICHL...	6.508	6.712	709.5E6	202.1E6	131.933	125.288
3) T	4-Nitroph...	7.150	7.300	203.1E6	194.9E6	128.809	112.404
5) T	DICAMBA	7.540	7.969	1895.5E6	773.9E6	124.580	118.092
6) T	MCPD	7.719	8.063	57334867	17152103	6.107	8.178m#
7) T	MCPA	7.869	8.311	103.8E6	25061431	8.849	7.967
8) T	DICHLORPROP	8.255	8.689	535.4E6	202.6E6	142.946	128.868
9) T	2,4-D	8.489	9.025	688.1E6	214.5E6	199.779	126.203 #
10) T	Pentachlo...	8.795	9.549	6872.3E6	4501.4E6	129.848	118.078
11) T	2,4,5-TP ...	9.377	9.931	2455.8E6	1749.2E6	122.602	121.231
12) T	2,4,5-T	9.672	10.357	1875.2E6	1674.7E6	113.974	122.558
13) T	2,4-DB	10.251	10.926	284.5E6	152.8E6	124.065	129.207
14) T	DINOSEB	11.469	11.310	1660.0E6	1283.5E6	119.652	119.053
15) T	Picloram	11.282	12.421	1678.0E6	2340.5E6	104.376	100.705
16) T	DCPA	11.764	12.354	3236.4E6	2660.3E6	126.340	120.688m

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

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Operator : AR\AJ
Sample : Q2126-01
Misc : LOD MDL SOIL
ALS Vial : 6 Sample Multiplier: 1

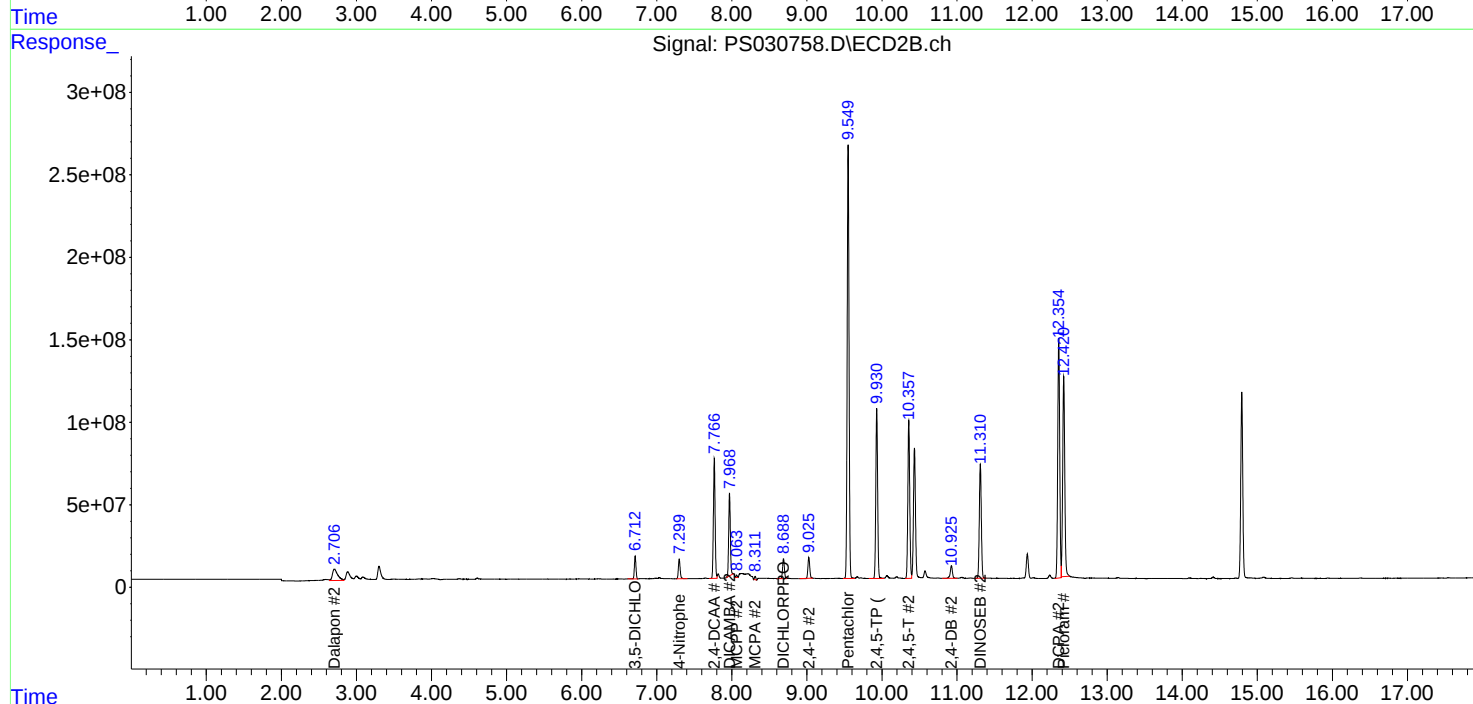
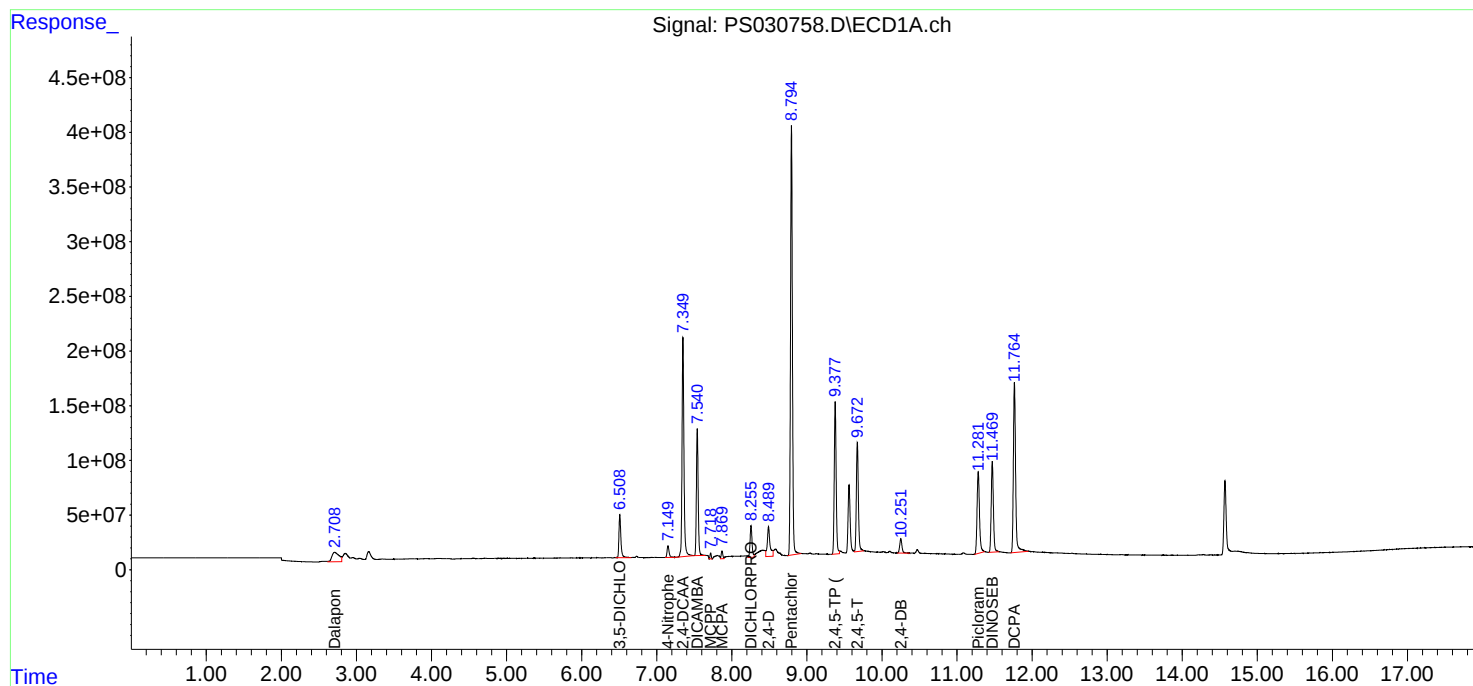
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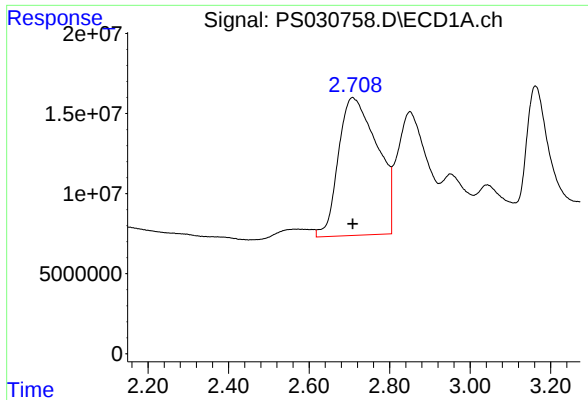
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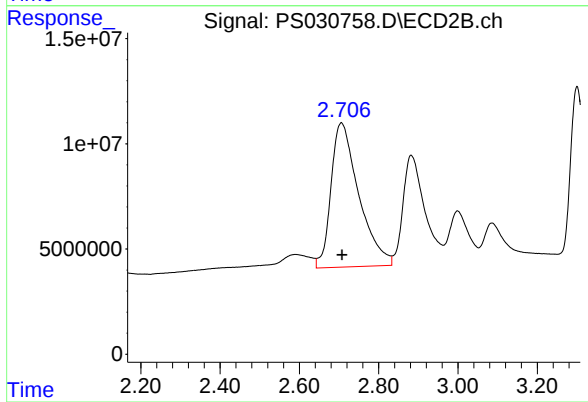
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 579201981
Conc: 97.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
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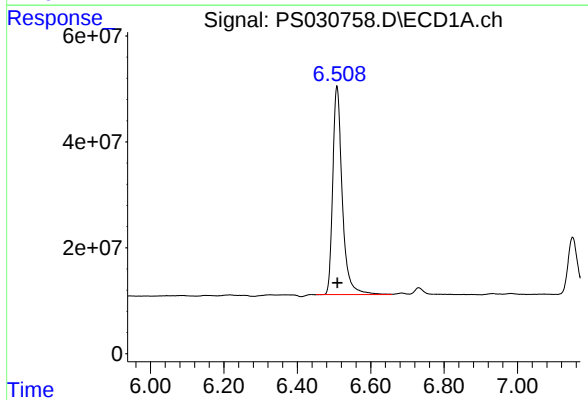
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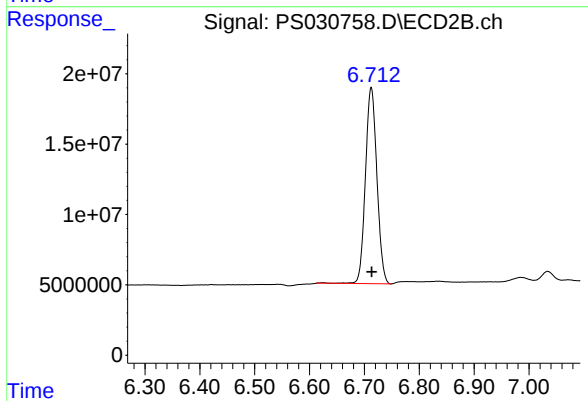
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.001 min
Response: 333823325
Conc: 121.76 ng/ml



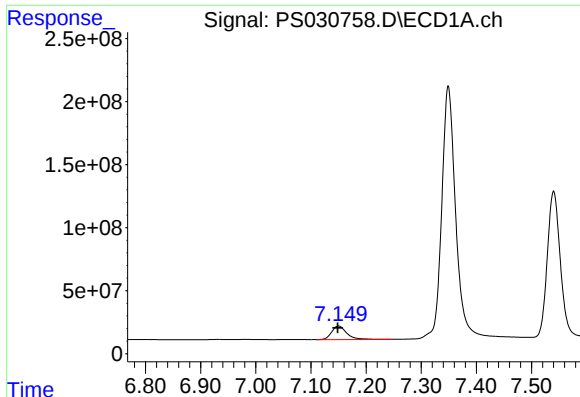
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 709475980
Conc: 131.93 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 202108180
Conc: 125.29 ng/ml



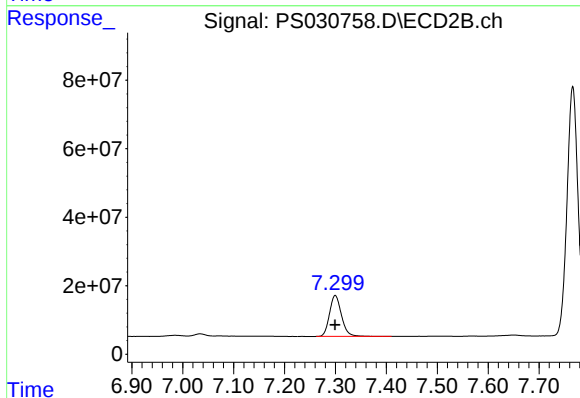
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.001 min
Response: 203102528
Conc: 128.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
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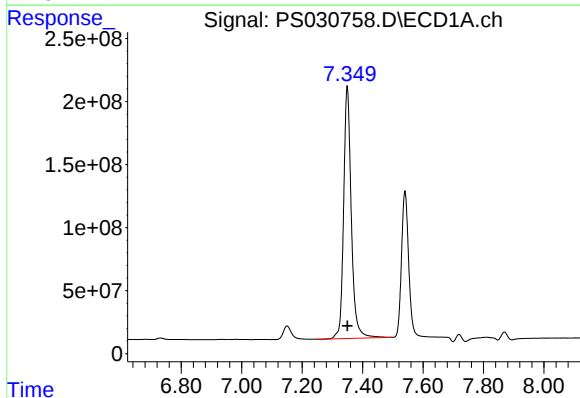
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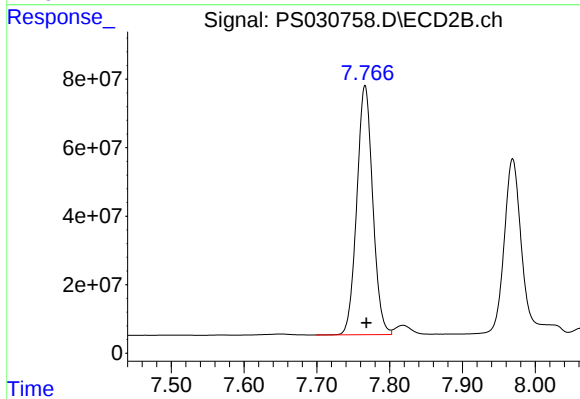
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 194856803
Conc: 112.40 ng/ml



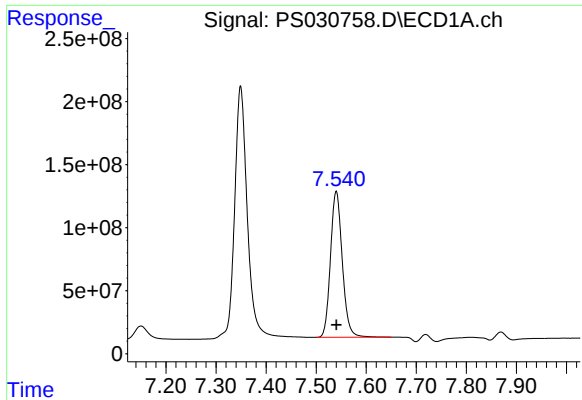
#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 3525655124
Conc: 959.52 ng/ml



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 1103375449
Conc: 1029.30 ng/ml



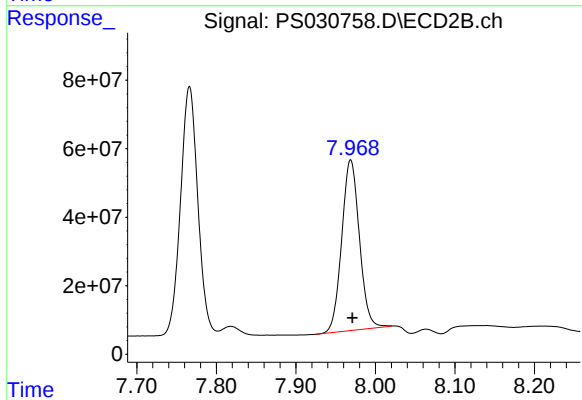
#5 DICAMBA

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 1895502374
Conc: 124.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
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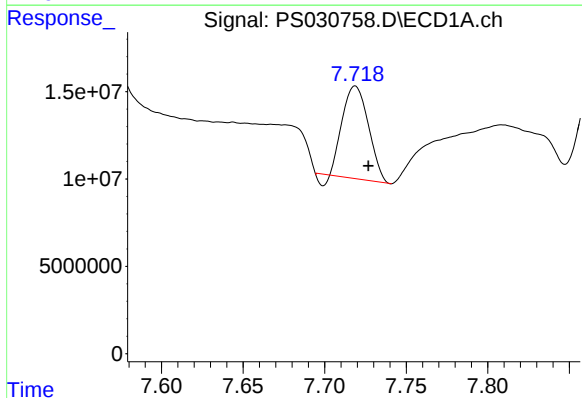
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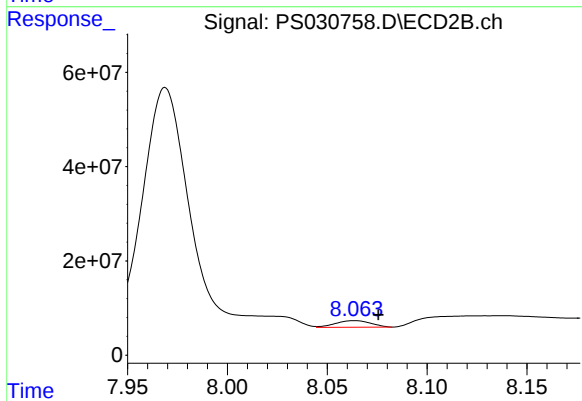
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 773881788
Conc: 118.09 ng/ml



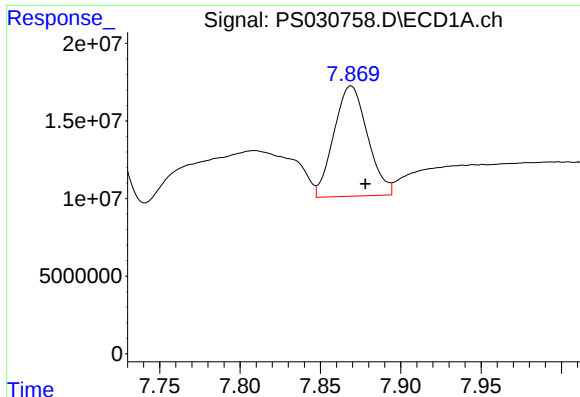
#6 MCP

R.T.: 7.719 min
Delta R.T.: -0.008 min
Response: 57334867
Conc: 6.11 ug/ml



#6 MCP

R.T.: 8.063 min
Delta R.T.: -0.012 min
Response: 17152103
Conc: 8.18 ug/ml m



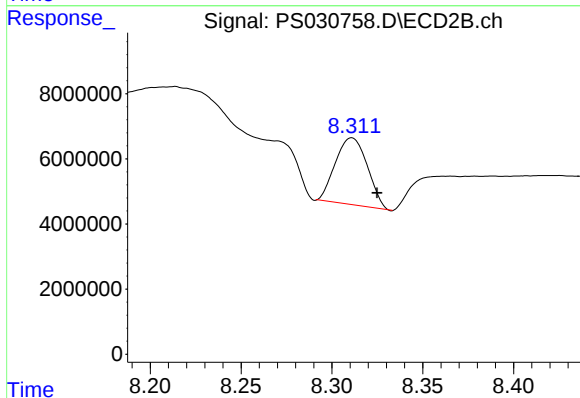
#7 MCPA

R.T.: 7.869 min
Delta R.T.: -0.009 min
Response: 103800266
Conc: 8.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

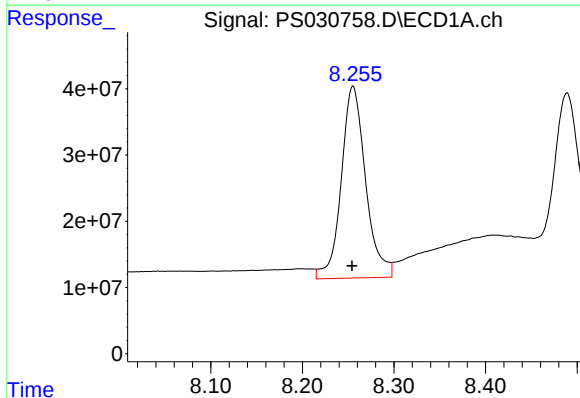
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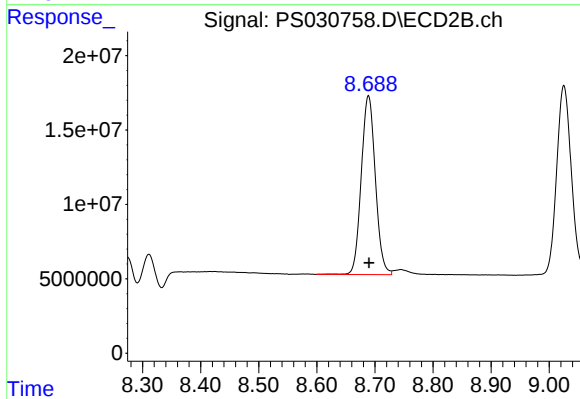
#7 MCPA

R.T.: 8.311 min
Delta R.T.: -0.014 min
Response: 25061431
Conc: 7.97 ug/ml



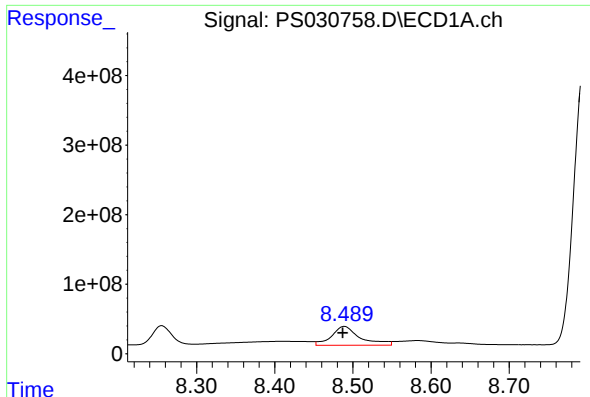
#8 DICHLORPROP

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 535442154
Conc: 142.95 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 202644332
Conc: 128.87 ng/ml



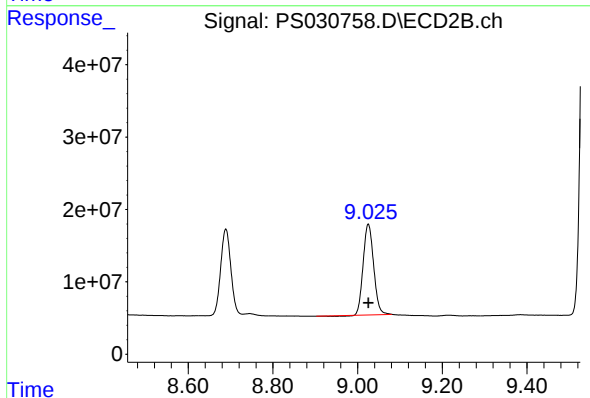
#9 2,4-D

R.T.: 8.489 min
Delta R.T.: 0.002 min
Response: 688120117
Conc: 199.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

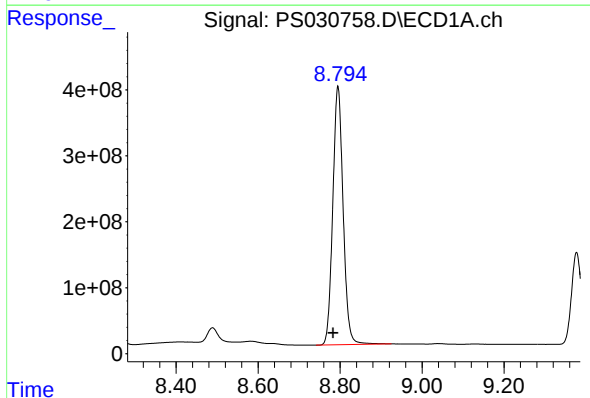
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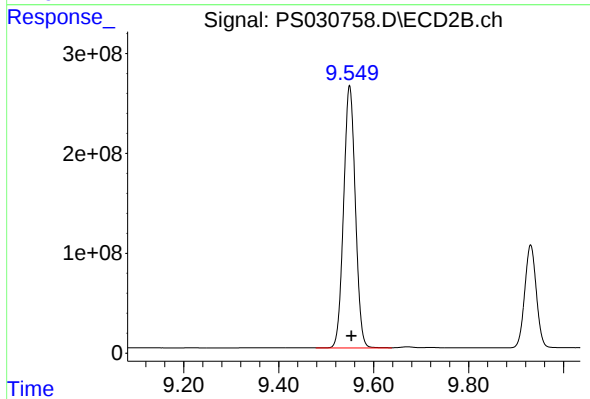
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 214470175
Conc: 126.20 ng/ml



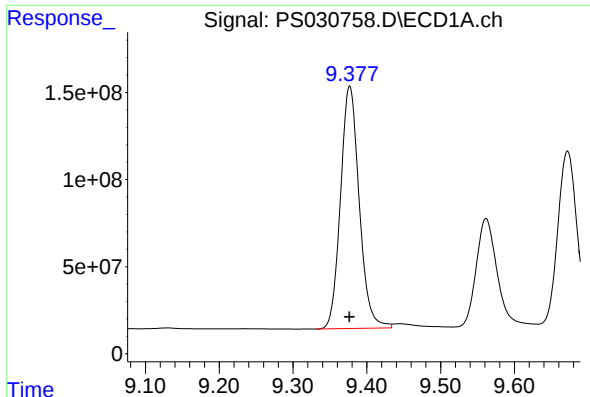
#10 Pentachlorophenol

R.T.: 8.795 min
Delta R.T.: 0.012 min
Response: 6872266253
Conc: 129.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 4501365088
Conc: 118.08 ng/ml



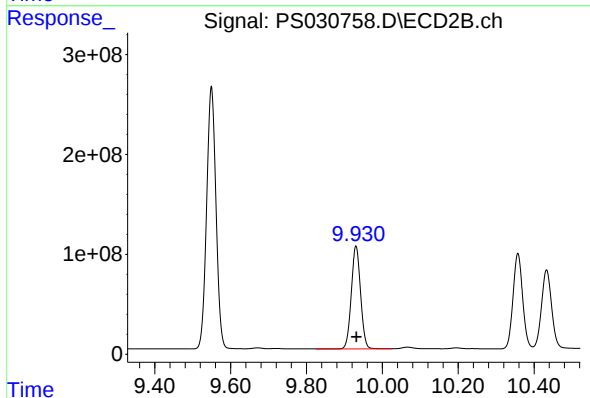
#11 2,4,5-TP (SILVEX)

R.T.: 9.377 min
Delta R.T.: 0.000 min
Response: 2455764119
Conc: 122.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
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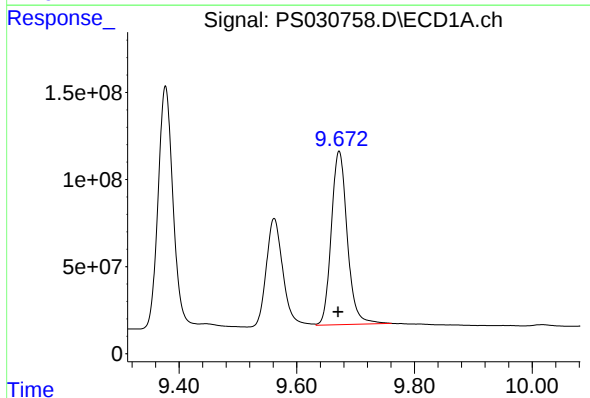
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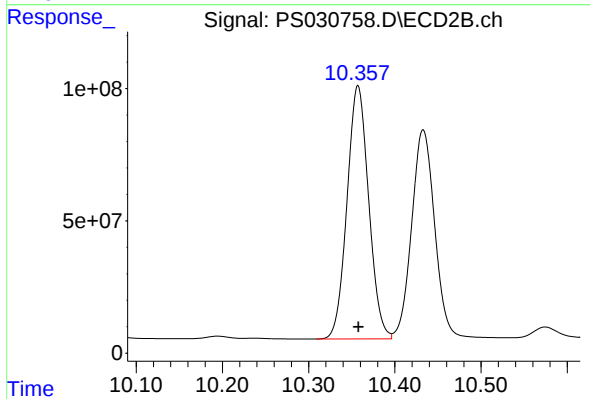
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 1749210940
Conc: 121.23 ng/ml



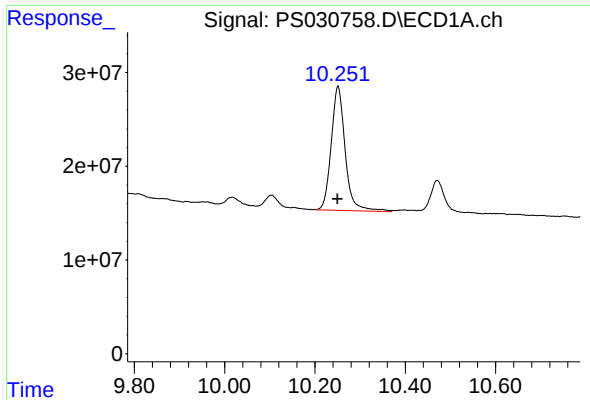
#12 2,4,5-T

R.T.: 9.672 min
Delta R.T.: 0.002 min
Response: 1875228891
Conc: 113.97 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 1674712087
Conc: 122.56 ng/ml



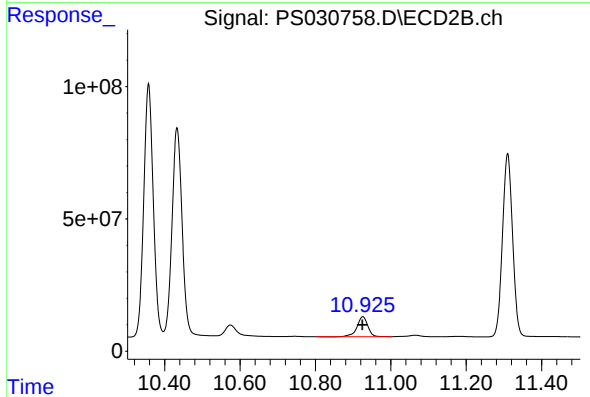
#13 2,4-DB

R.T.: 10.251 min
Delta R.T.: 0.001 min
Response: 284542951
Conc: 124.06 ng/ml

Instrument :
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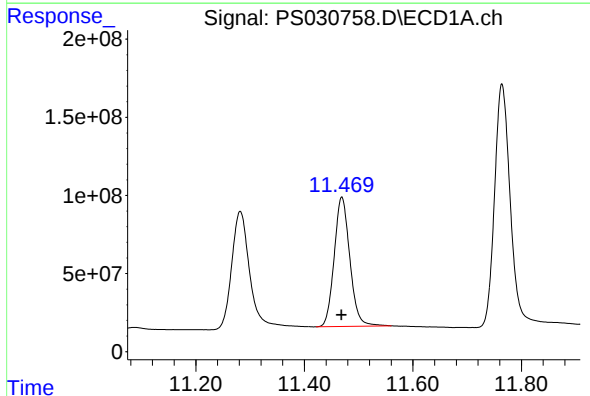
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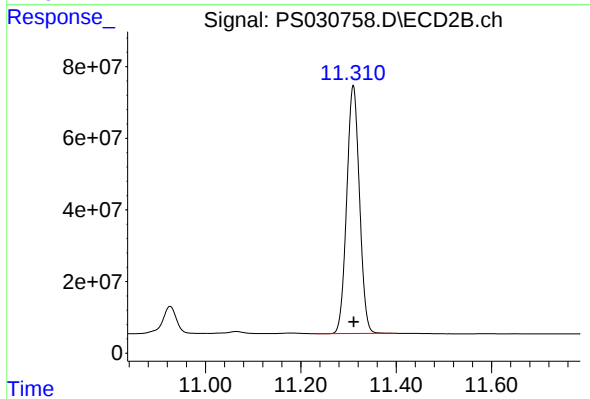
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 152839402
Conc: 129.21 ng/ml



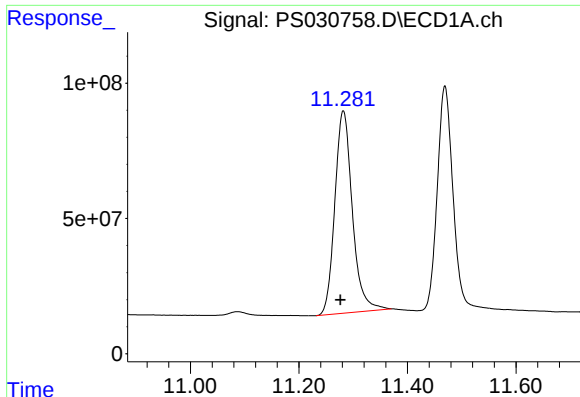
#14 DINOSEB

R.T.: 11.469 min
Delta R.T.: 0.000 min
Response: 1659960197
Conc: 119.65 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.001 min
Response: 1283537936
Conc: 119.05 ng/ml



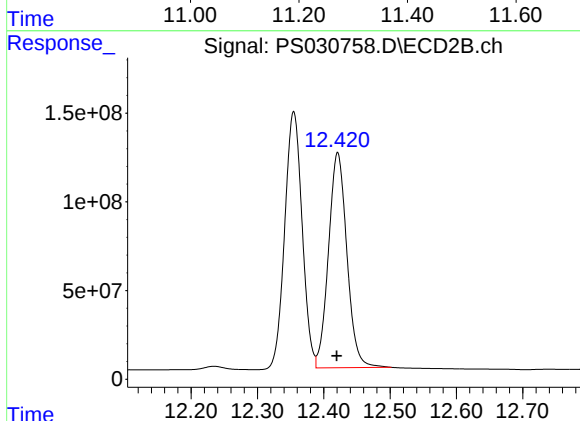
#15 Picloram

R.T.: 11.282 min
Delta R.T.: 0.005 min
Response: 1677965321
Conc: 104.38 ng/ml

Instrument :
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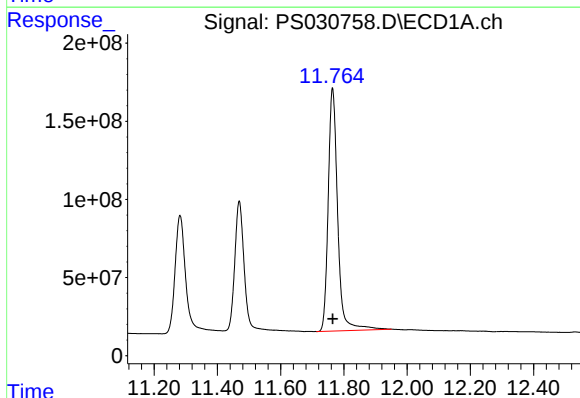
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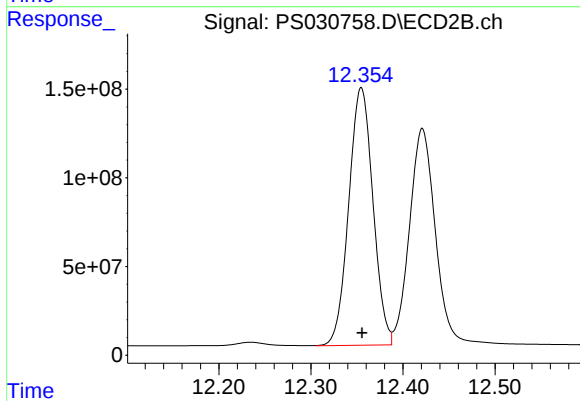
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.002 min
Response: 2340521053
Conc: 100.70 ng/ml



#16 DCPA

R.T.: 11.764 min
Delta R.T.: 0.000 min
Response: 3236370576
Conc: 126.34 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.001 min
Response: 2660292294
Conc: 120.69 ng/ml m