

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 18:43
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : LOD SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-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 02:26:16 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	7.285	7.742	1650.3E6	463.1E6	519.941	547.837
Target Compounds							
1) T	Dalapon	2.668	2.672	936.6E6	1334.3E6	178.438	501.445 #
2) T	3,5-DICHL...	6.454	6.699	727.9E6	187.9E6	154.263	138.989
3) T	4-Nitroph...	7.099	7.309	147.6E6	132.5E6	143.020	105.431 #
5) T	DICAMBA	7.470	7.939	2044.6E6	788.0E6	146.396	138.666m
6) T	MCPD	7.644	8.031	79137004	11431505	9.837m	6.466 #
7) T	MCPA	7.794	8.278	120.7E6	24825995	12.120	8.849 #
8) T	DICHLORPROP	8.179	8.659	576.6E6	216.7E6	181.768	162.313m
9) T	2,4-D	8.418	9.007	548.7E6	260.6E6	190.738	182.593
10) T	Pentachlo...	8.708	9.509	8274.7E6	5384.7E6	172.344	154.607
11) T	2,4,5-TP ...	9.287	9.892	3313.9E6	2401.3E6	184.887	183.078
12) T	2,4,5-T	9.585	10.327	2221.1E6	1647.7E6	151.599m	139.166m
13) T	2,4-DB	10.162	10.897	317.6E6	119.4E6	165.287m	123.735 #
14) T	DINOSEB	11.357	11.267	2033.6E6	1305.9E6	160.401	138.086
15) T	Picloram	11.195	12.403	1320.0E6	1599.0E6	101.119m	91.216
16) T	DCPA	11.652	12.307	2953.4E6	3177.0E6	129.651m	161.267m

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

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Acq On : 03 Sep 2025 18:43
Operator : AR\AJ
Sample : Q2893-01
Misc : LOD SOIL
ALS Vial : 16 Sample Multiplier: 1

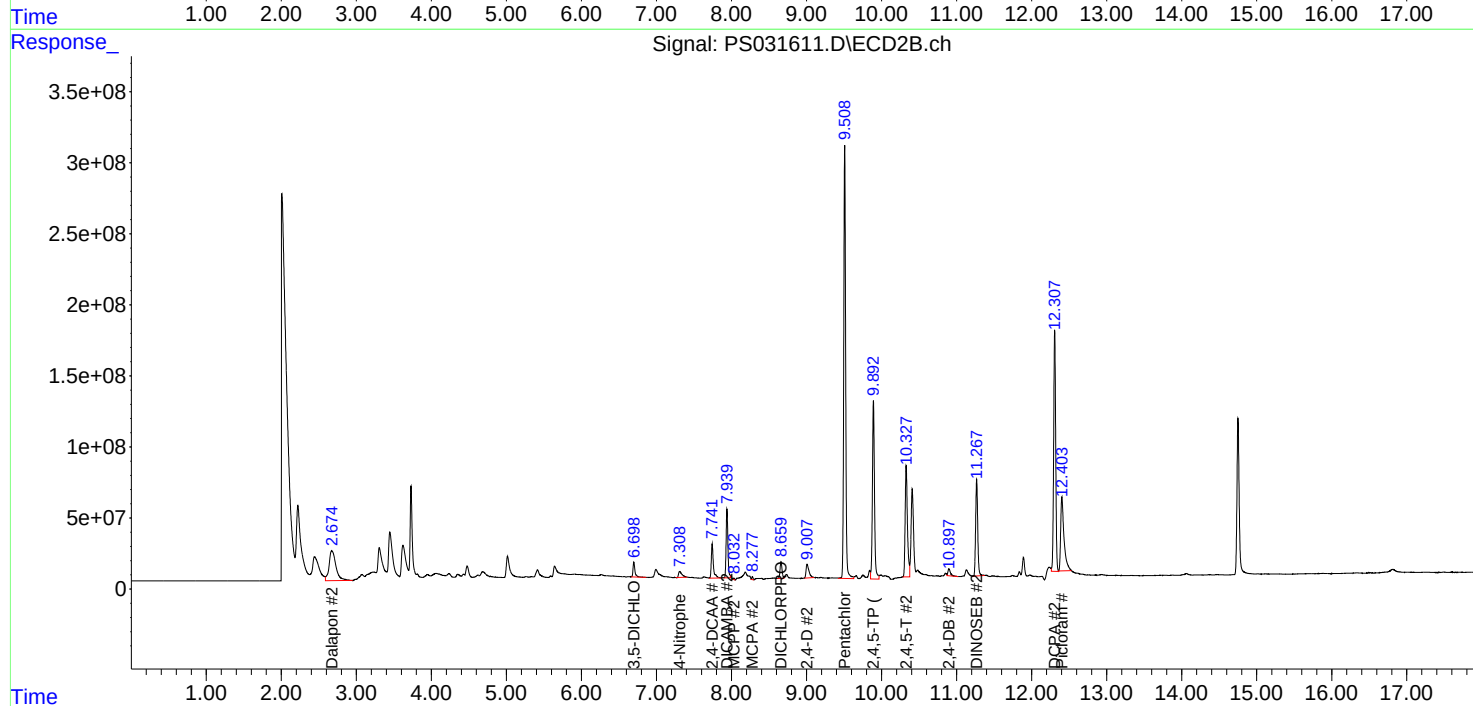
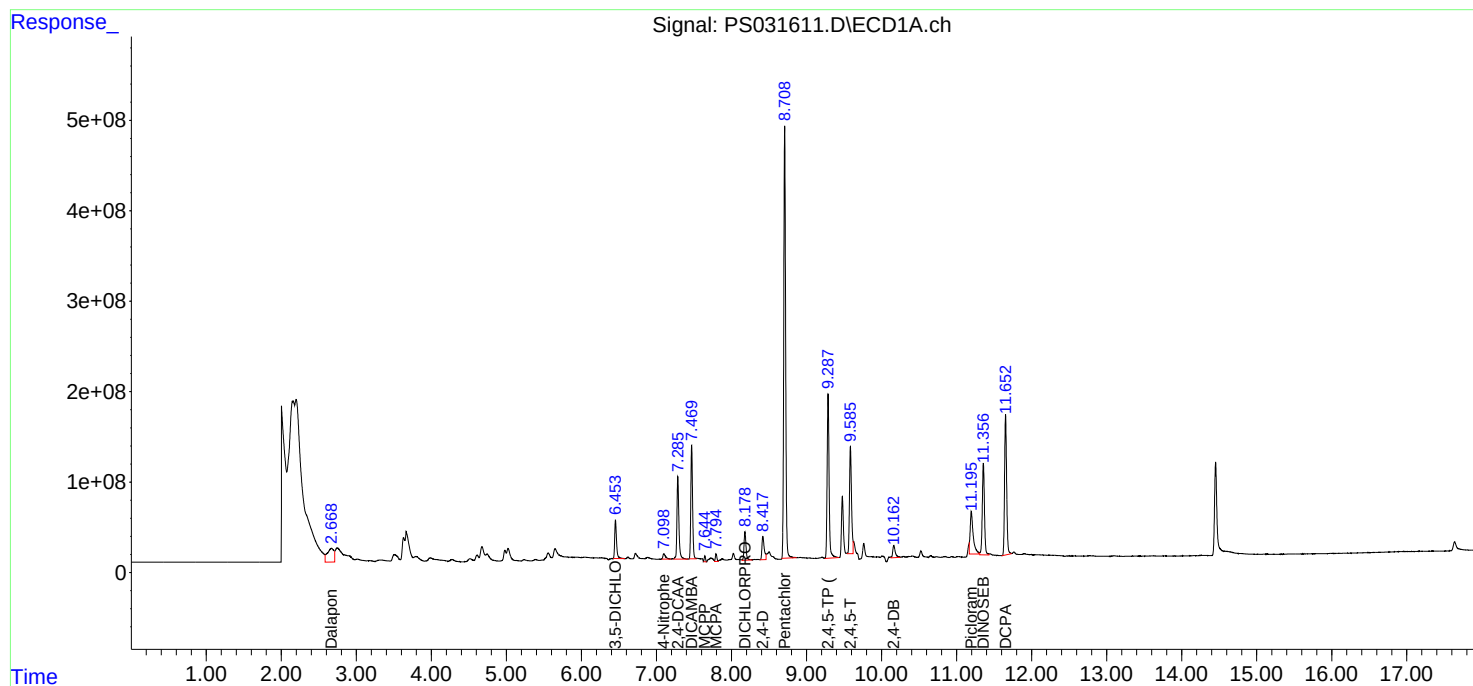
Instrument :
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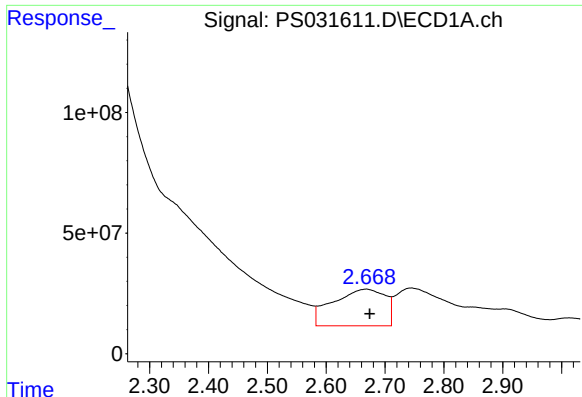
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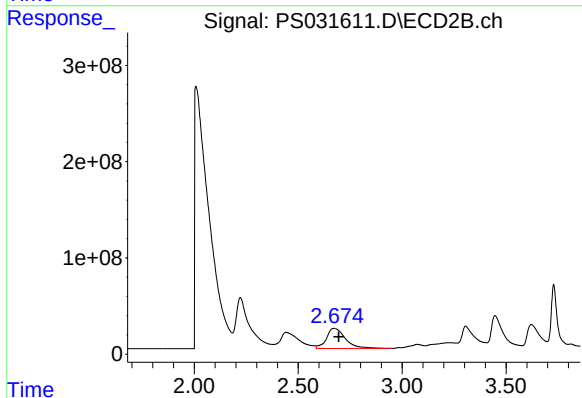
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.006 min
Response: 936607836
Conc: 178.44 ng/ml

Instrument :
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ClientSampleId :
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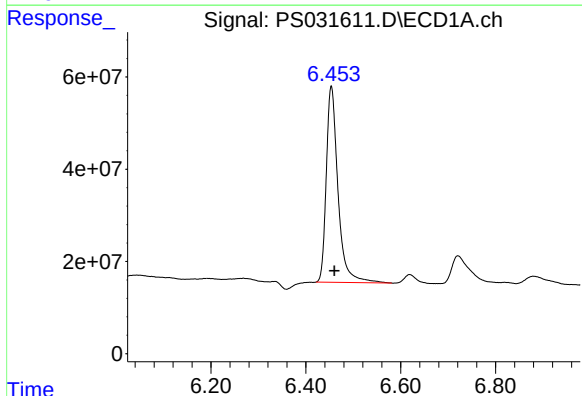
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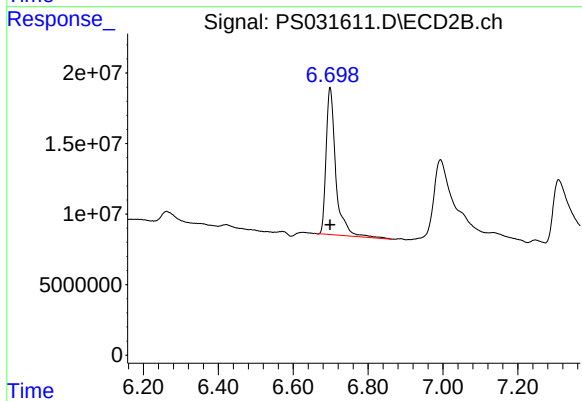
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.022 min
Response: 1334349783
Conc: 501.44 ng/ml



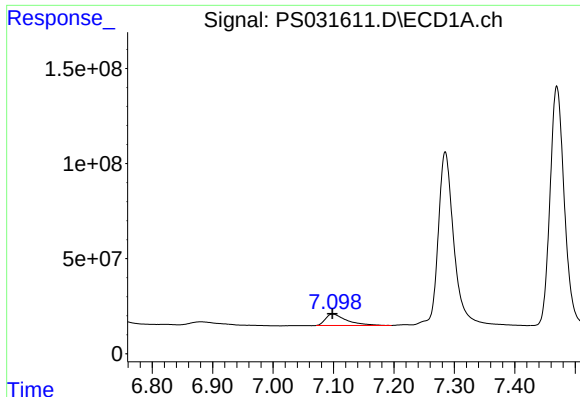
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 727860059
Conc: 154.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 187903350
Conc: 138.99 ng/ml



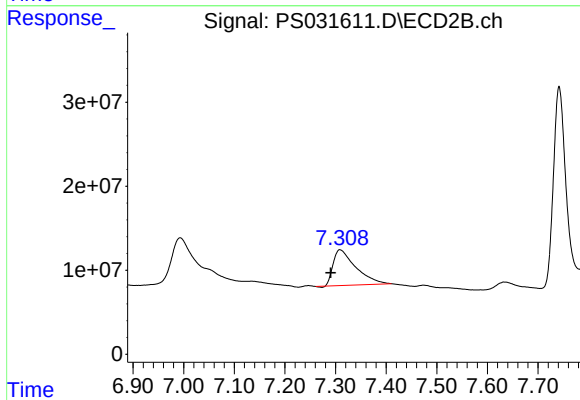
#3 4-Nitrophenol

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 147551140
Conc: 143.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
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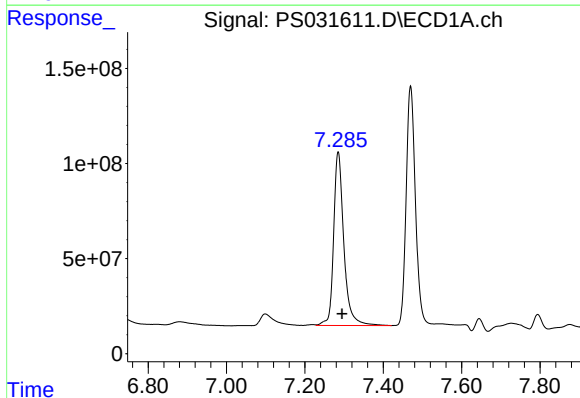
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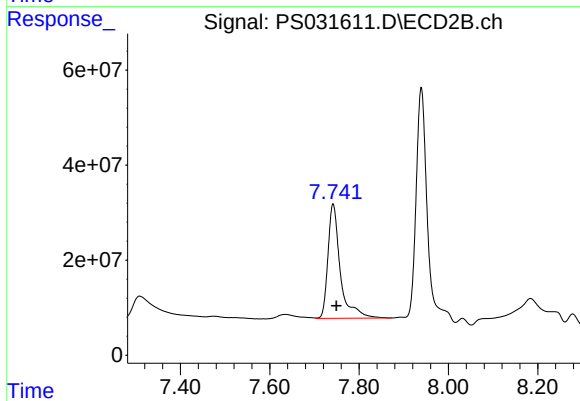
#3 4-Nitrophenol

R.T.: 7.309 min
Delta R.T.: 0.018 min
Response: 132514959
Conc: 105.43 ng/ml



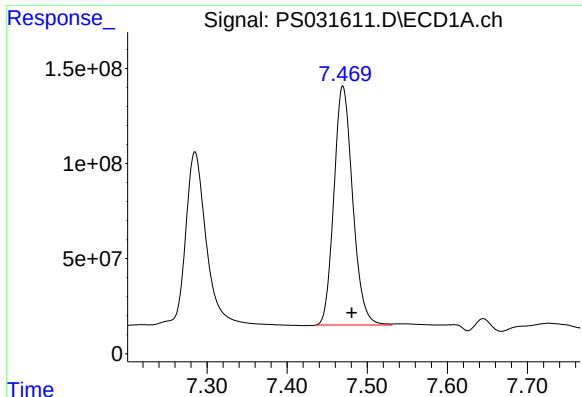
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.010 min
Response: 1650287876
Conc: 519.94 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 463108476
Conc: 547.84 ng/ml



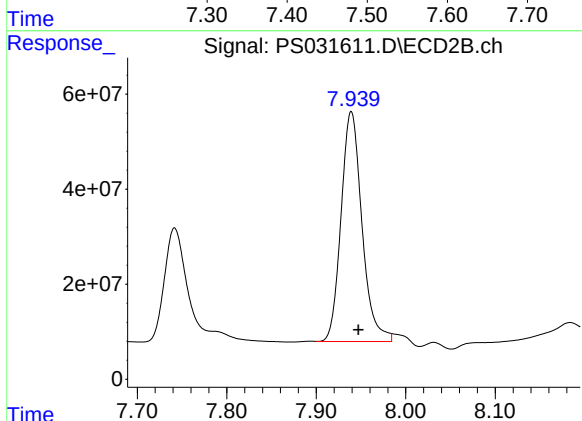
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 2044629418
Conc: 146.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
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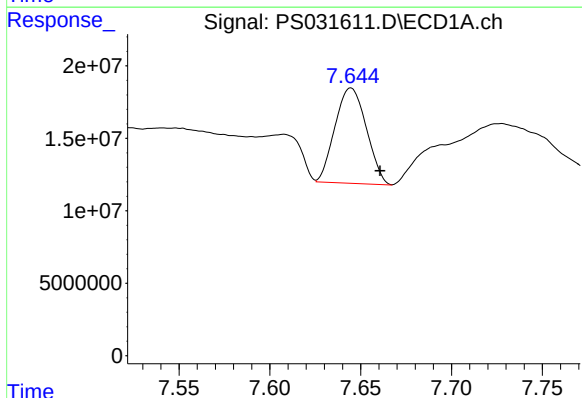
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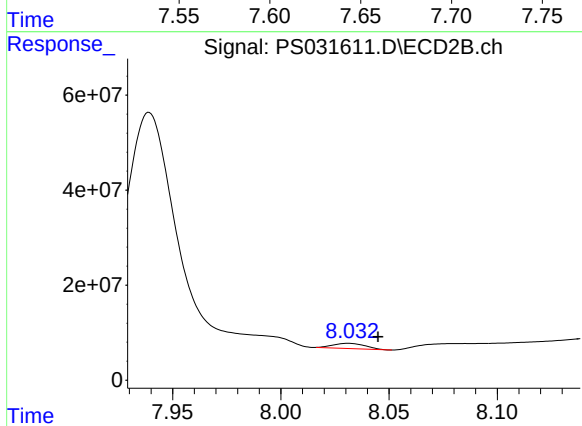
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.009 min
Response: 787996775
Conc: 138.67 ng/ml m



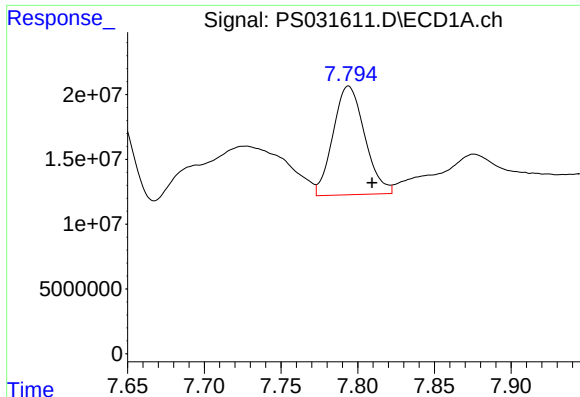
#6 MCP

R.T.: 7.644 min
Delta R.T.: -0.016 min
Response: 79137004
Conc: 9.84 ug/ml m



#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.014 min
Response: 11431505
Conc: 6.47 ug/ml



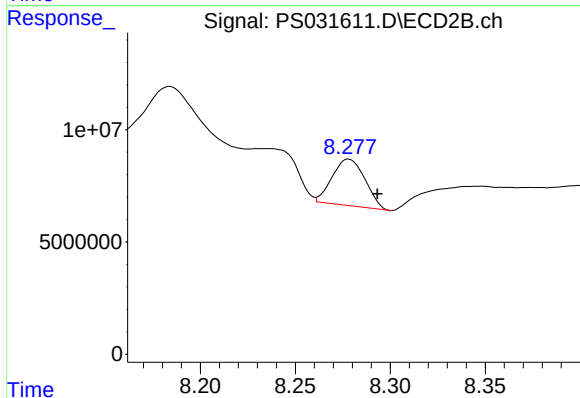
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.015 min
Response: 120730974
Conc: 12.12 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

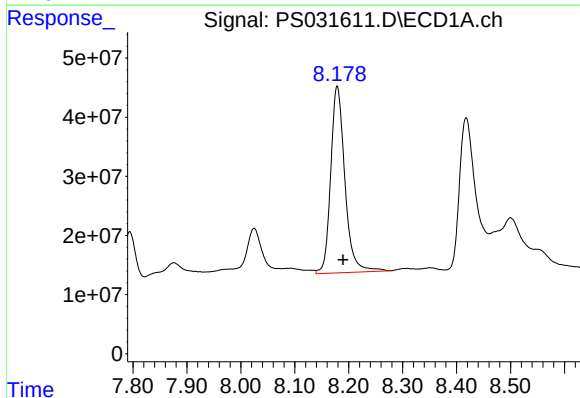
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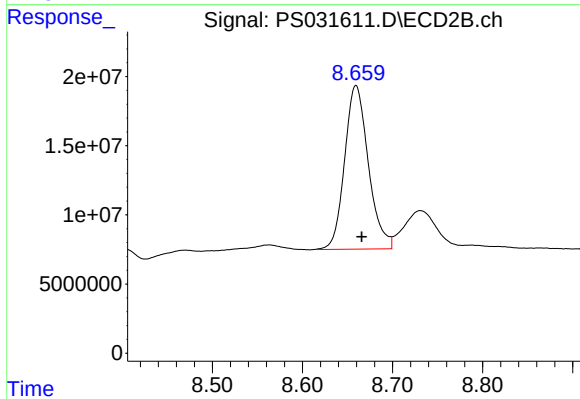
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.015 min
Response: 24825995
Conc: 8.85 ug/ml



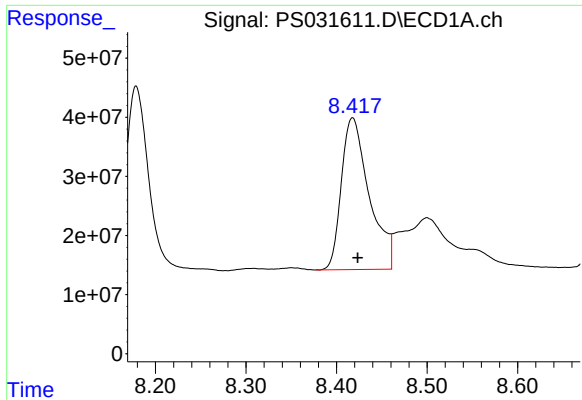
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.011 min
Response: 576645089
Conc: 181.77 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 216693637
Conc: 162.31 ng/ml m



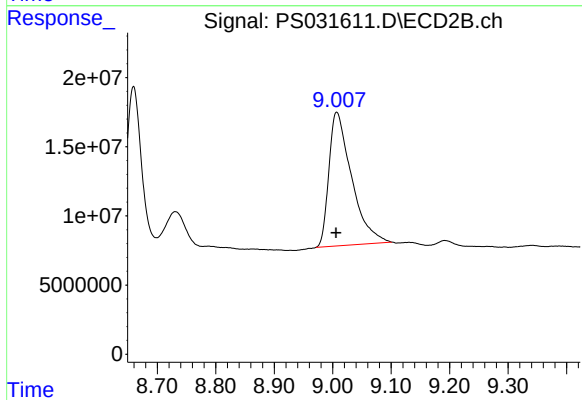
#9 2,4-D

R.T.: 8.418 min
Delta R.T.: -0.006 min
Response: 548717560
Conc: 190.74 ng/ml

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

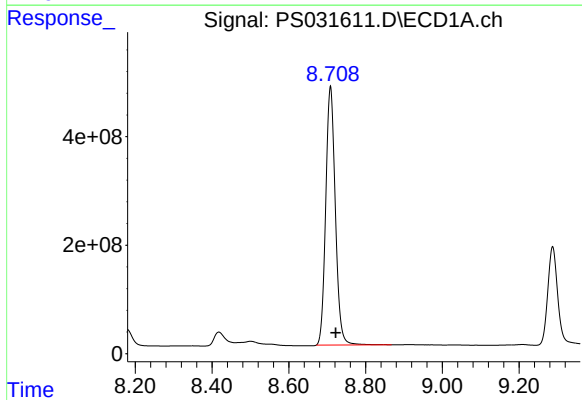
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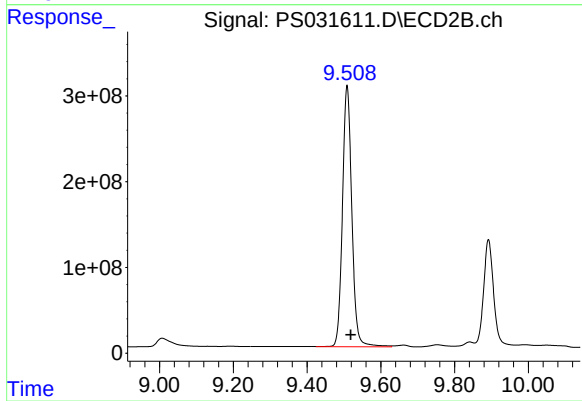
#9 2,4-D

R.T.: 9.007 min
Delta R.T.: 0.001 min
Response: 260612251
Conc: 182.59 ng/ml



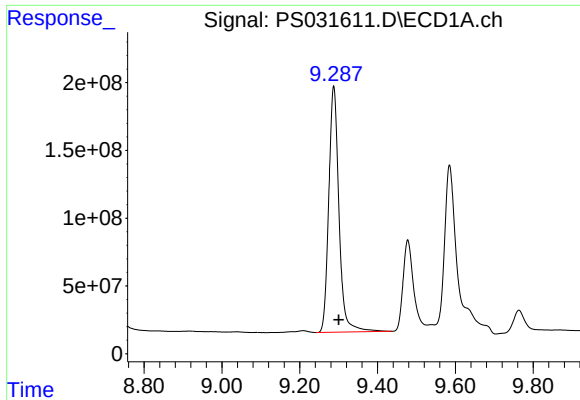
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.014 min
Response: 8274650229
Conc: 172.34 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.010 min
Response: 5384728297
Conc: 154.61 ng/ml



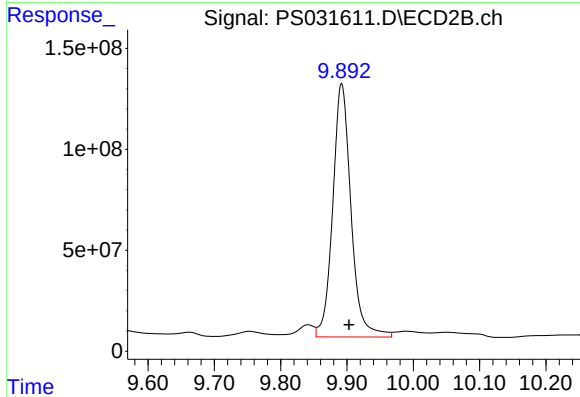
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 3313865066
Conc: 184.89 ng/ml

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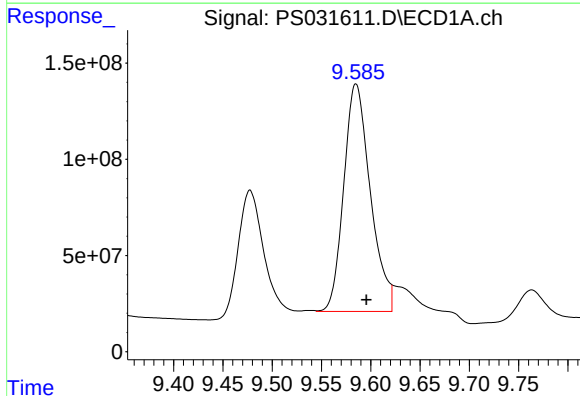
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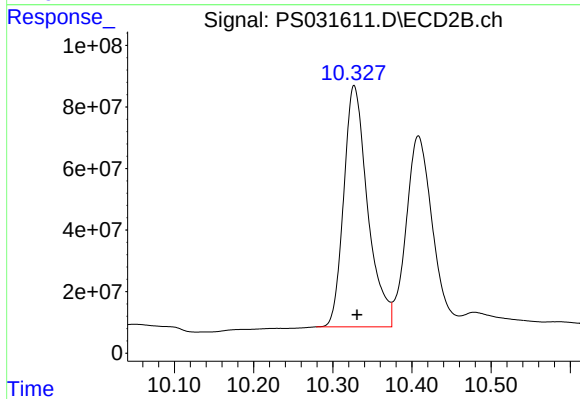
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 2401258408
Conc: 183.08 ng/ml



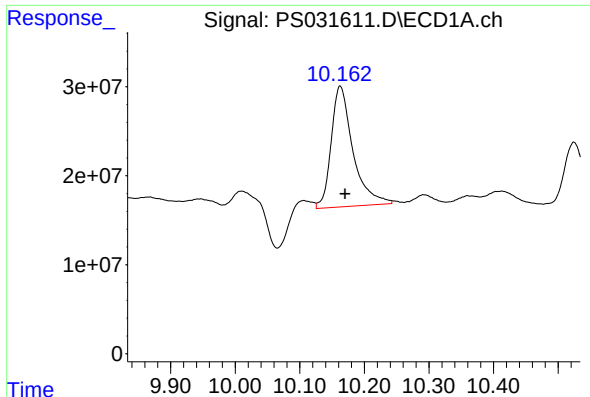
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: -0.011 min
Response: 2221110068
Conc: 151.60 ng/ml m



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: -0.004 min
Response: 1647696440
Conc: 139.17 ng/ml m



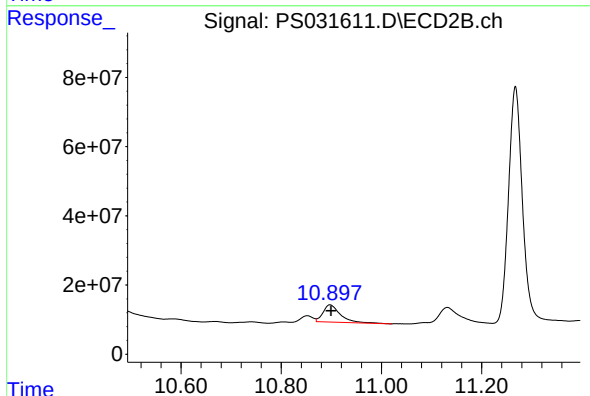
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 317635527
Conc: 165.29 ng/ml

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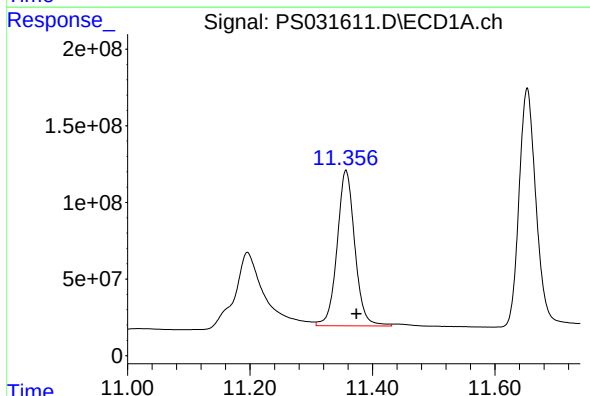
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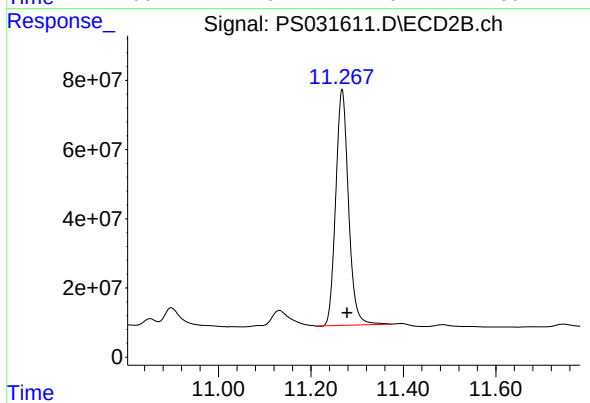
#13 2,4-DB

R.T.: 10.897 min
Delta R.T.: -0.002 min
Response: 119385679
Conc: 123.74 ng/ml



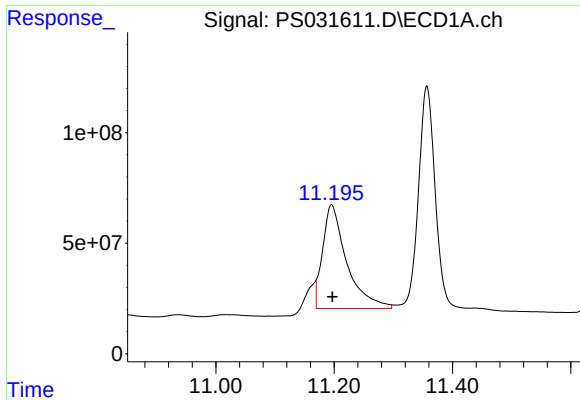
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: -0.017 min
Response: 2033644474
Conc: 160.40 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: -0.011 min
Response: 1305876603
Conc: 138.09 ng/ml



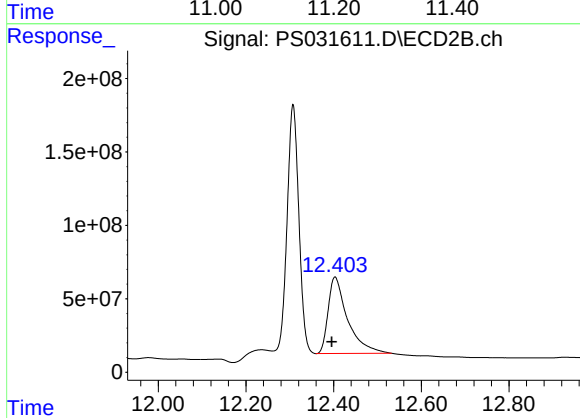
#15 Picloram

R.T.: 11.195 min
Delta R.T.: -0.002 min
Response: 1320018875
Conc: 101.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
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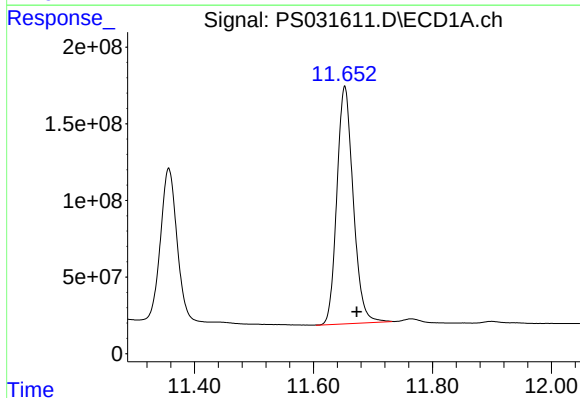
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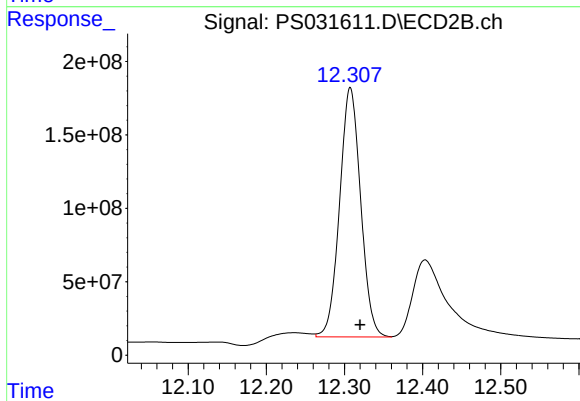
#15 Picloram

R.T.: 12.403 min
Delta R.T.: 0.008 min
Response: 1598996413
Conc: 91.22 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: -0.021 min
Response: 2953370101
Conc: 129.65 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 3177023067
Conc: 161.27 ng/ml m