

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031718.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 11:34
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : LOD SOIL 100PPB
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 06:54:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
4) S	2,4-DCAA	7.287	7.740	1958.6E6	500.5E6	543.819	550.635m
Target Compounds							
1) T	Dalapon	2.666	2.681	464.9E6	362.2E6	80.425m	128.544m#
2) T	3,5-DICHL...	6.456	6.699	726.1E6	182.5E6	136.141	119.686
3) T	4-Nitroph...	7.110	7.313	99672130	119.1E6	90.347m	94.334m
5) T	DICAMBA	7.472	7.938	1991.3E6	770.1E6	127.674	118.359m
6) T	MCPD	7.646	8.029	45552771	13038152	5.096	6.923 #
7) T	MCPA	7.795	8.276	123.3E6	19747081	11.095	7.049 #
8) T	DICHLORPROP	8.182	8.660	469.4E6	184.6E6	131.798	126.846
9) T	2,4-D	8.426	9.011	363.9E6	229.1E6	106.243m	139.278m#
10) T	Pentachlo...	8.710	9.507	7898.9E6	5043.4E6	148.772m	127.068m
11) T	2,4,5-TP ...	9.291	9.894	3048.5E6	2066.6E6	145.348	137.279
12) T	2,4,5-T	9.593	10.329	2560.1E6	1613.4E6	139.912	119.891
13) T	2,4-DB	10.171	10.901	244.8E6	110.0E6	104.951m	102.805m
14) T	DINOSEB	11.358	11.266	1644.2E6	1141.7E6	113.999m	117.446
15) T	Picloram	11.211f	12.403	1546.4E6	2192.8E6	85.858m	92.590m
16) T	DCPA	11.652	12.305	2218.5E6	2945.4E6	82.318	122.194m#

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

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Operator : AR\AJ
Sample : Q2893-01
Misc : LOD SOIL 100PPB
ALS Vial : 4 Sample Multiplier: 1

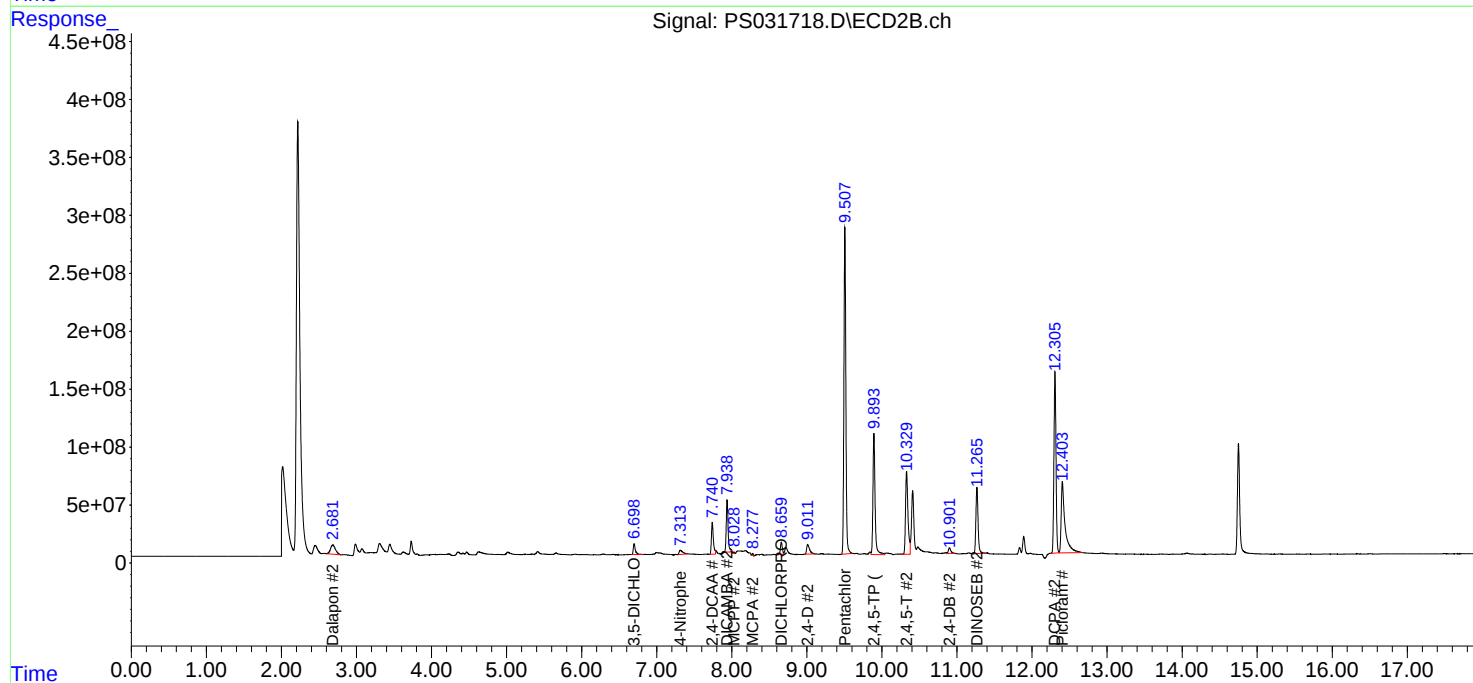
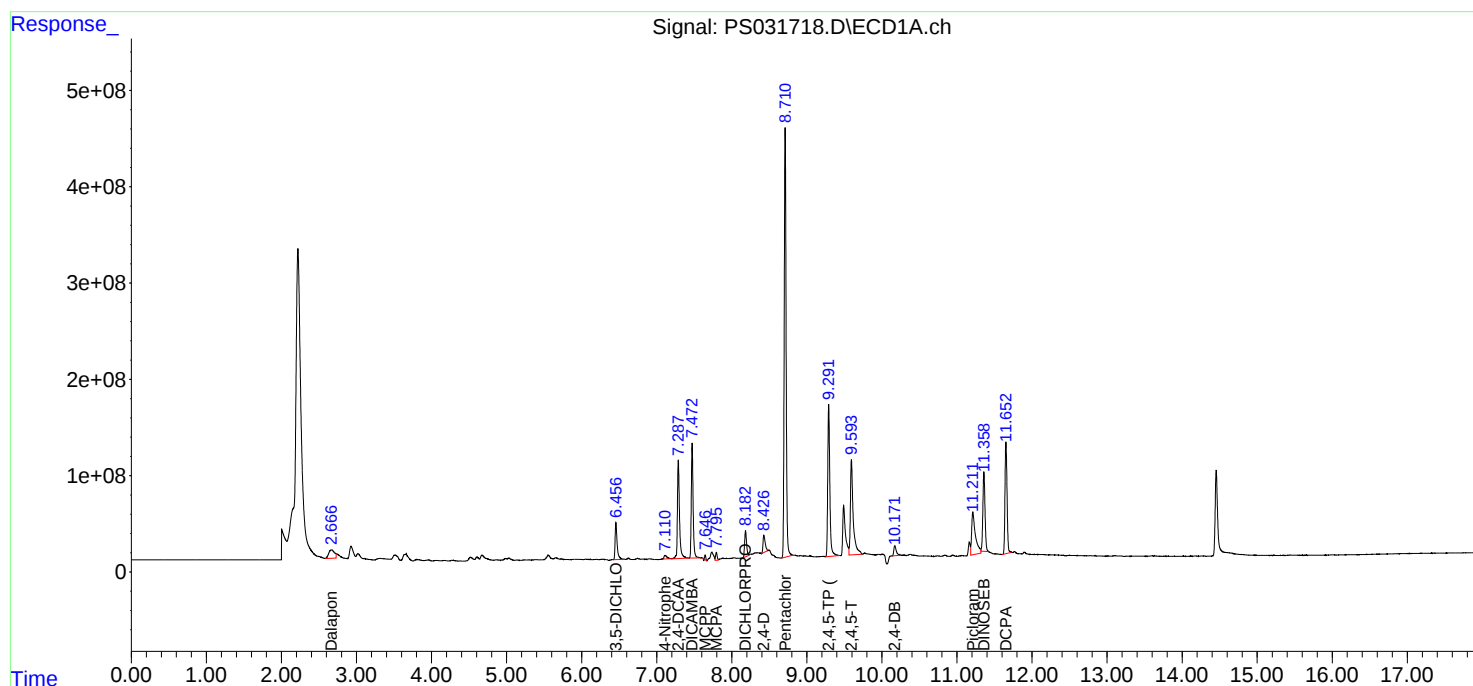
Instrument :
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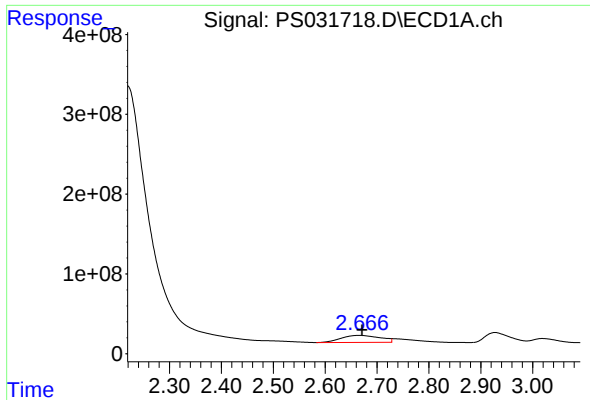
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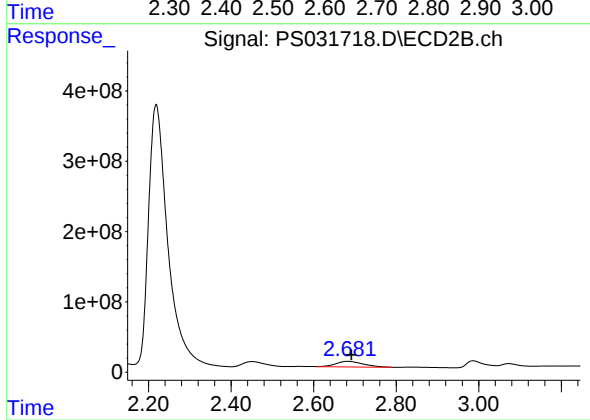
#1 Dalapon

R.T.: 2.666 min
Delta R.T.: -0.005 min
Response: 464915686
Conc: 80.42 ng/ml

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

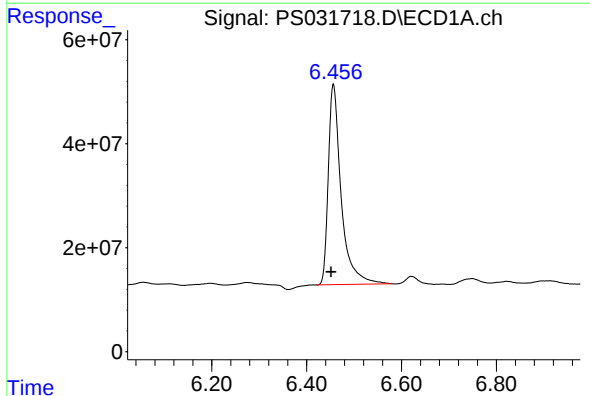
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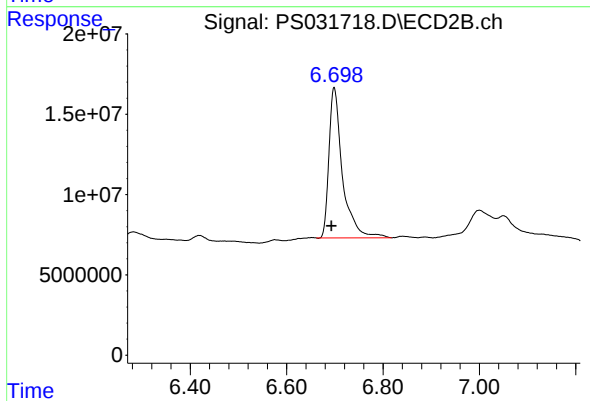
#1 Dalapon

R.T.: 2.681 min
Delta R.T.: -0.011 min
Response: 362189622
Conc: 128.54 ng/ml m



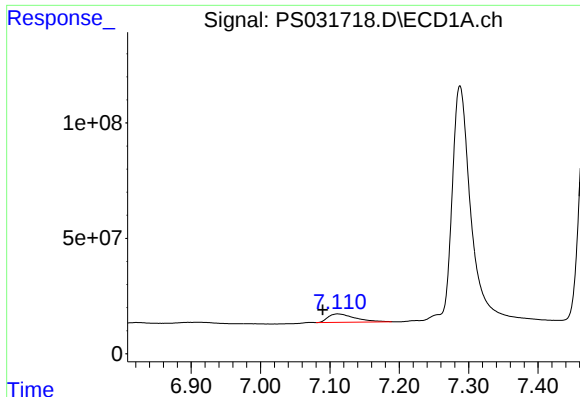
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: 0.005 min
Response: 726091238
Conc: 136.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 182516745
Conc: 119.69 ng/ml



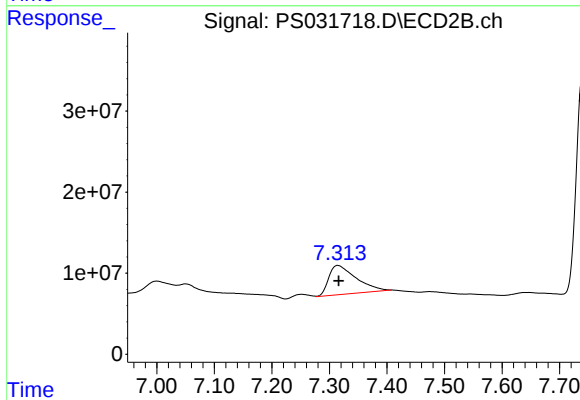
#3 4-Nitrophenol

R.T.: 7.110 min
Delta R.T.: 0.021 min
Response: 99672130
Conc: 90.35 ng/ml

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

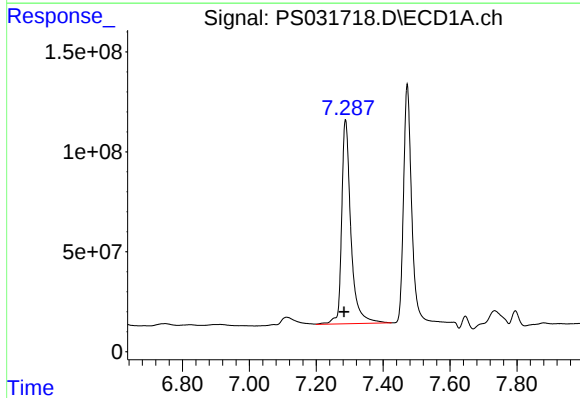
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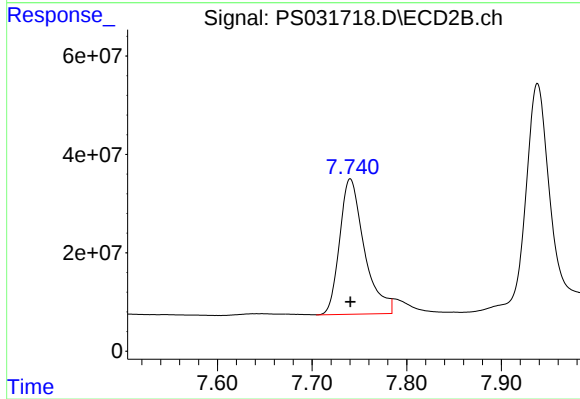
#3 4-Nitrophenol

R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 119124131
Conc: 94.33 ng/ml m



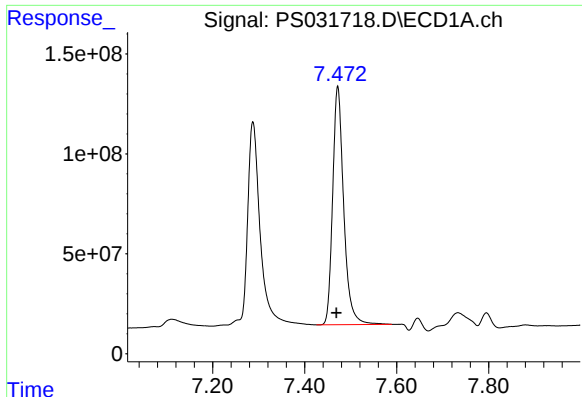
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 1958578871
Conc: 543.82 ng/ml



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 500472210
Conc: 550.64 ng/ml m



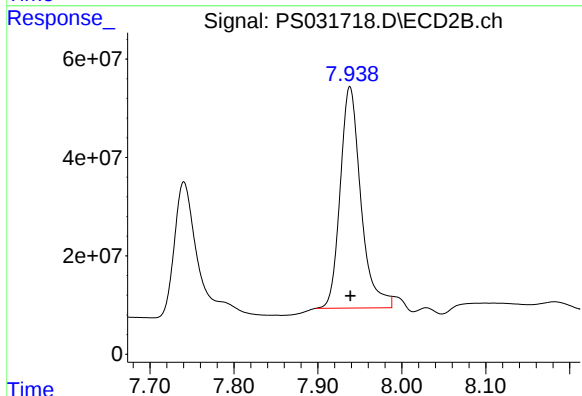
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: 0.003 min
Response: 1991286513
Conc: 127.67 ng/ml

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

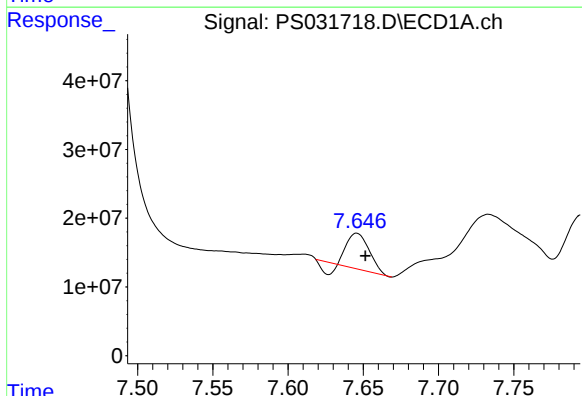
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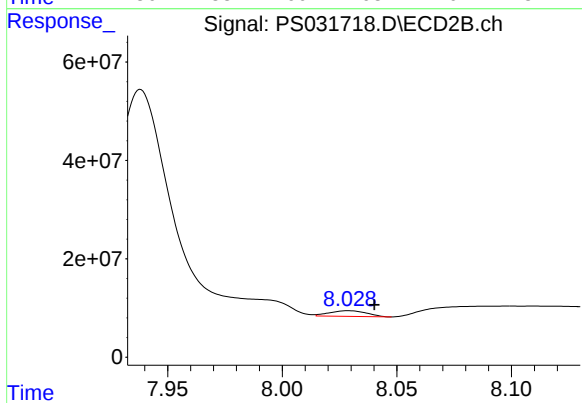
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 770145416
Conc: 118.36 ng/ml m



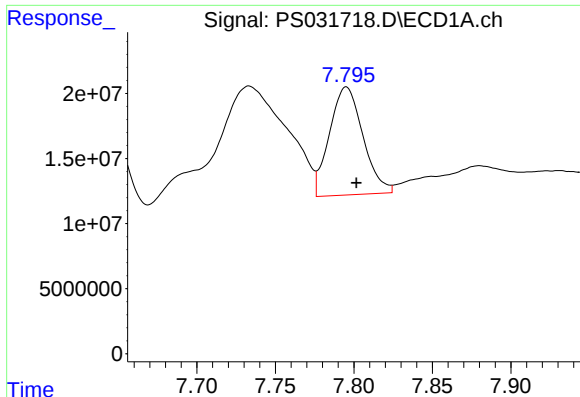
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.006 min
Response: 45552771
Conc: 5.10 ug/ml



#6 MCP

R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 13038152
Conc: 6.92 ug/ml



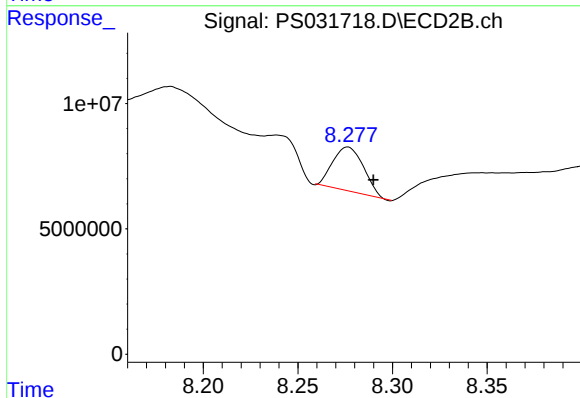
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.006 min
Response: 123270283
Conc: 11.09 ug/ml

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

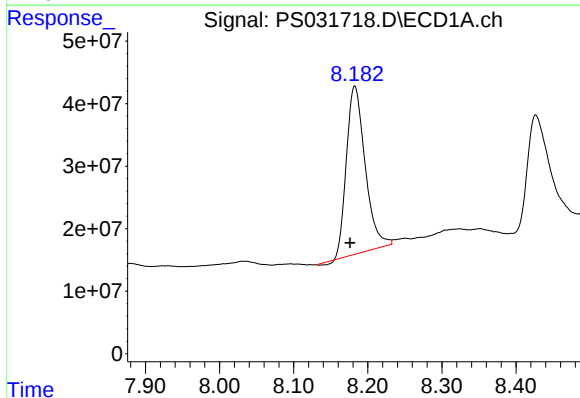
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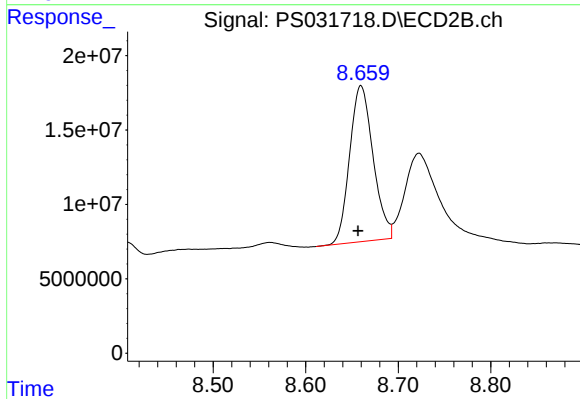
#7 MCPA

R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 19747081
Conc: 7.05 ug/ml



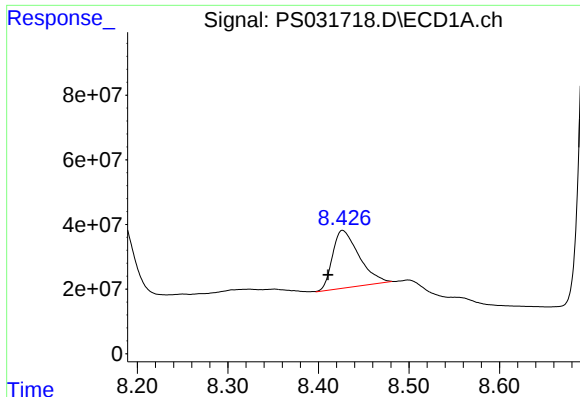
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: 0.006 min
Response: 469434687
Conc: 131.80 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 184569000
Conc: 126.85 ng/ml



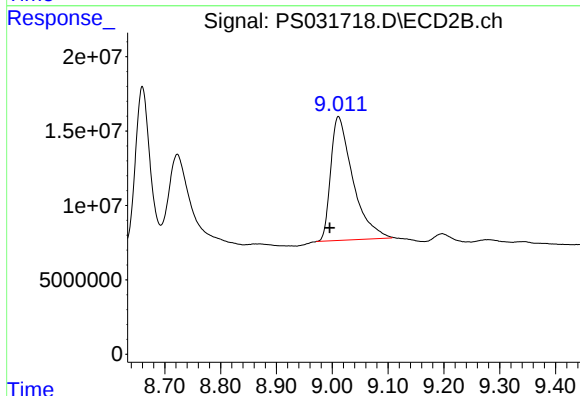
#9 2,4-D

R.T.: 8.426 min
Delta R.T.: 0.015 min
Response: 363948887
Conc: 106.24 ng/ml

Instrument :
ECD_S
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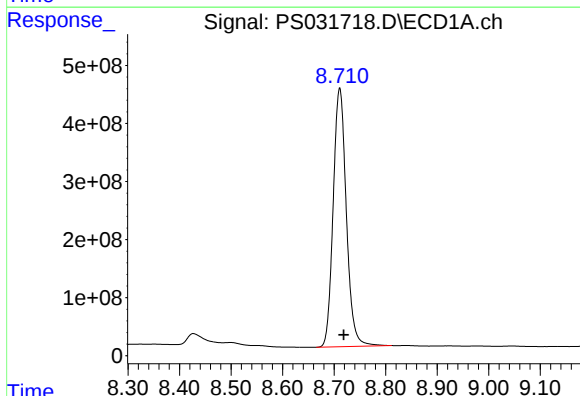
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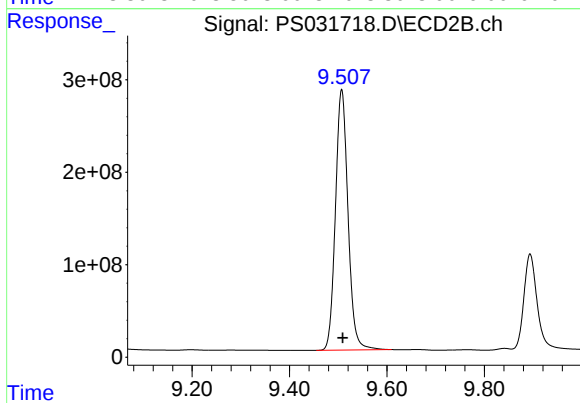
#9 2,4-D

R.T.: 9.011 min
Delta R.T.: 0.015 min
Response: 229126925
Conc: 139.28 ng/ml m



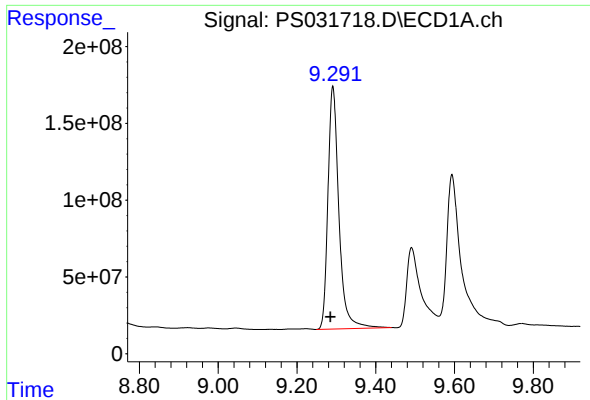
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.008 min
Response: 7898852559
Conc: 148.77 ng/ml m



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 5043399252
Conc: 127.07 ng/ml m



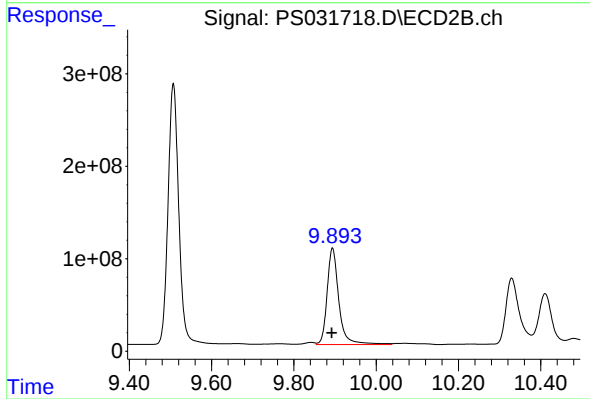
#11 2,4,5-TP (SILVEX)

R.T.: 9.291 min
Delta R.T.: 0.006 min
Response: 3048487811
Conc: 145.35 ng/ml

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

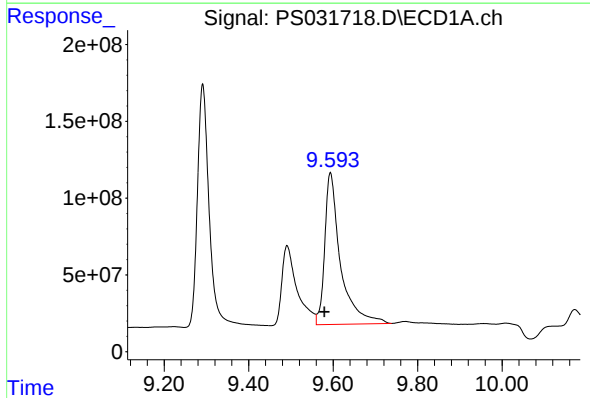
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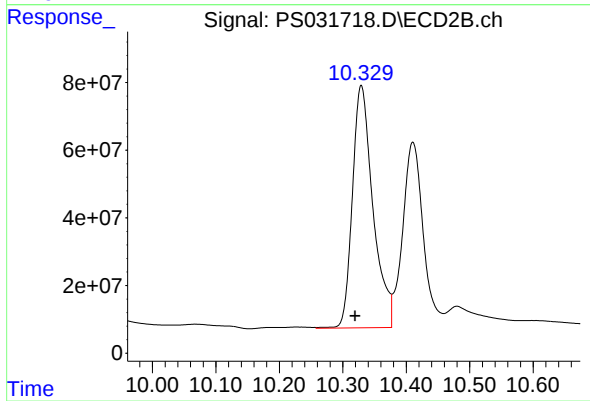
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 2066641965
Conc: 137.28 ng/ml



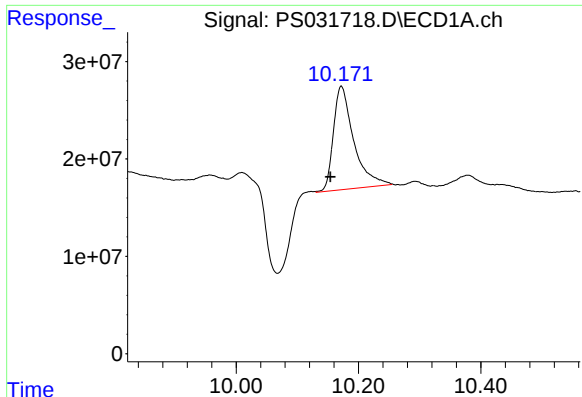
#12 2,4,5-T

R.T.: 9.593 min
Delta R.T.: 0.014 min
Response: 2560130910
Conc: 139.91 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: 0.010 min
Response: 1613373545
Conc: 119.89 ng/ml



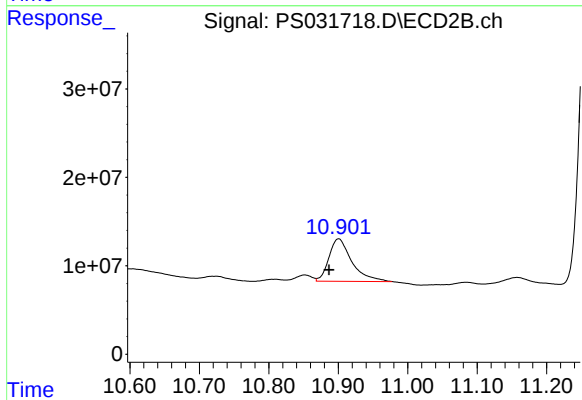
#13 2,4-DB

R.T.: 10.171 min
Delta R.T.: 0.017 min
Response: 244826724
Conc: 104.95 ng/ml

Instrument :
ECD_S
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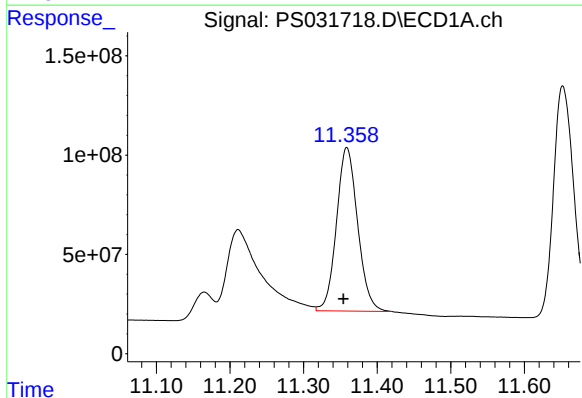
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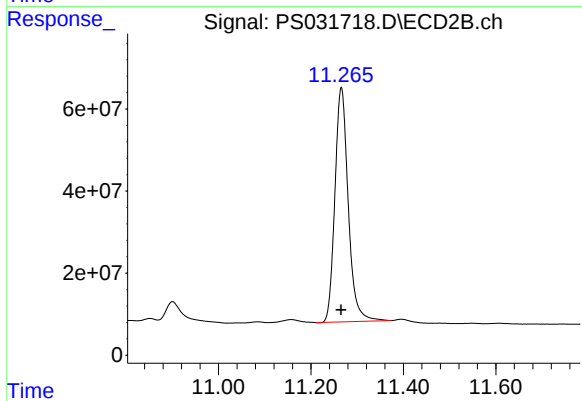
#13 2,4-DB

R.T.: 10.901 min
Delta R.T.: 0.014 min
Response: 110005485
Conc: 102.80 ng/ml m



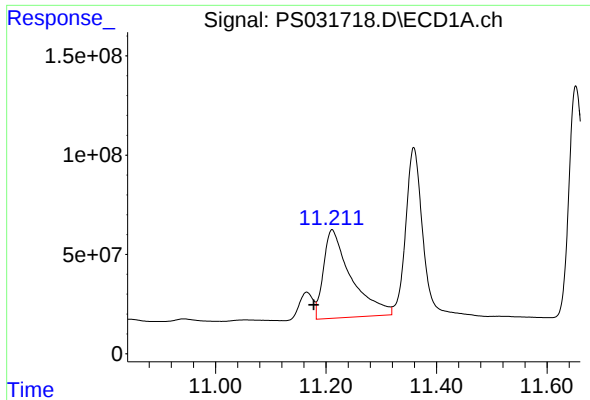
#14 DINOSEB

R.T.: 11.358 min
Delta R.T.: 0.004 min
Response: 1644178636
Conc: 114.00 ng/ml m



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 1141659262
Conc: 117.45 ng/ml



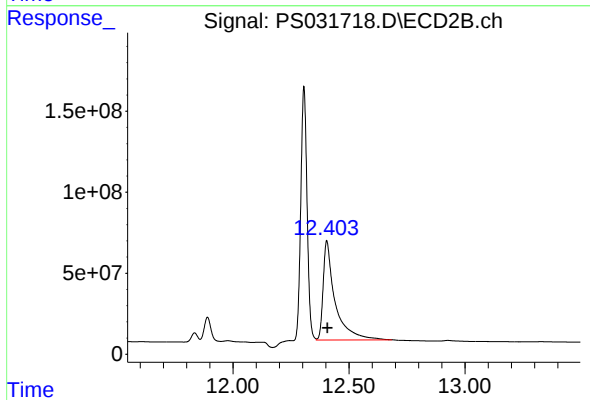
#15 Picloram

R.T.: 11.211 min
Delta R.T.: 0.033 min
Response: 1546396765
Conc: 85.86 ng/ml

Instrument :
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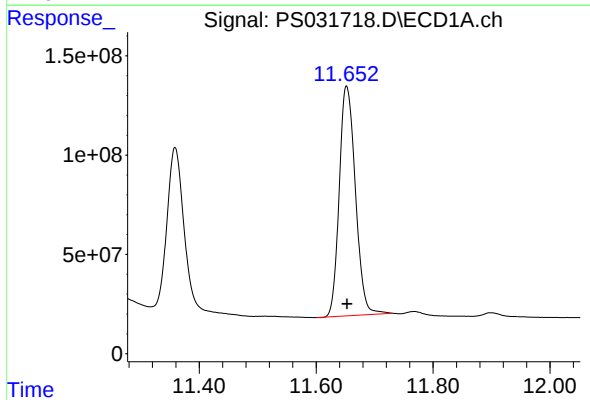
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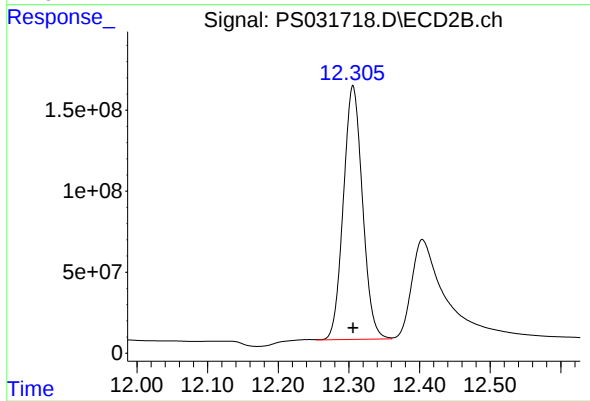
#15 Picloram

R.T.: 12.403 min
Delta R.T.: -0.004 min
Response: 2192828543
Conc: 92.59 ng/ml m



#16 DCPA

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 2218452034
Conc: 82.32 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.000 min
Response: 2945367773
Conc: 122.19 ng/ml m