

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 01:25:19 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	7.741	1958.6E6	538.4E6	543.819	592.351
Target Compounds							
1) T	Dalapon	2.667	2.682	951.0E6	553.0E6	164.512	196.261
2) T	3,5-DICHL...	6.456	6.699	726.1E6	182.5E6	136.141	119.686
5) T	DICAMBA	7.472	7.938	1991.3E6	837.8E6	127.674	128.755
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	8.427	9.011	497.7E6	240.2E6	145.292	146.037
10) T	Pentachlo...	8.711	9.507	7967.3E6	5101.0E6	150.060	128.518
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	10.172	10.901	1020.8E6	119.7E6	437.575	111.899 #
14) T	DINOSEB	11.359	11.266	1910.4E6	1141.7E6	132.458	117.446
15) T	Picloram	11.165	12.404	242.4E6	2435.6E6	13.459	102.842 #
16) T	DCPA	11.652	12.306	2218.5E6	3037.6E6	82.318	126.018 #

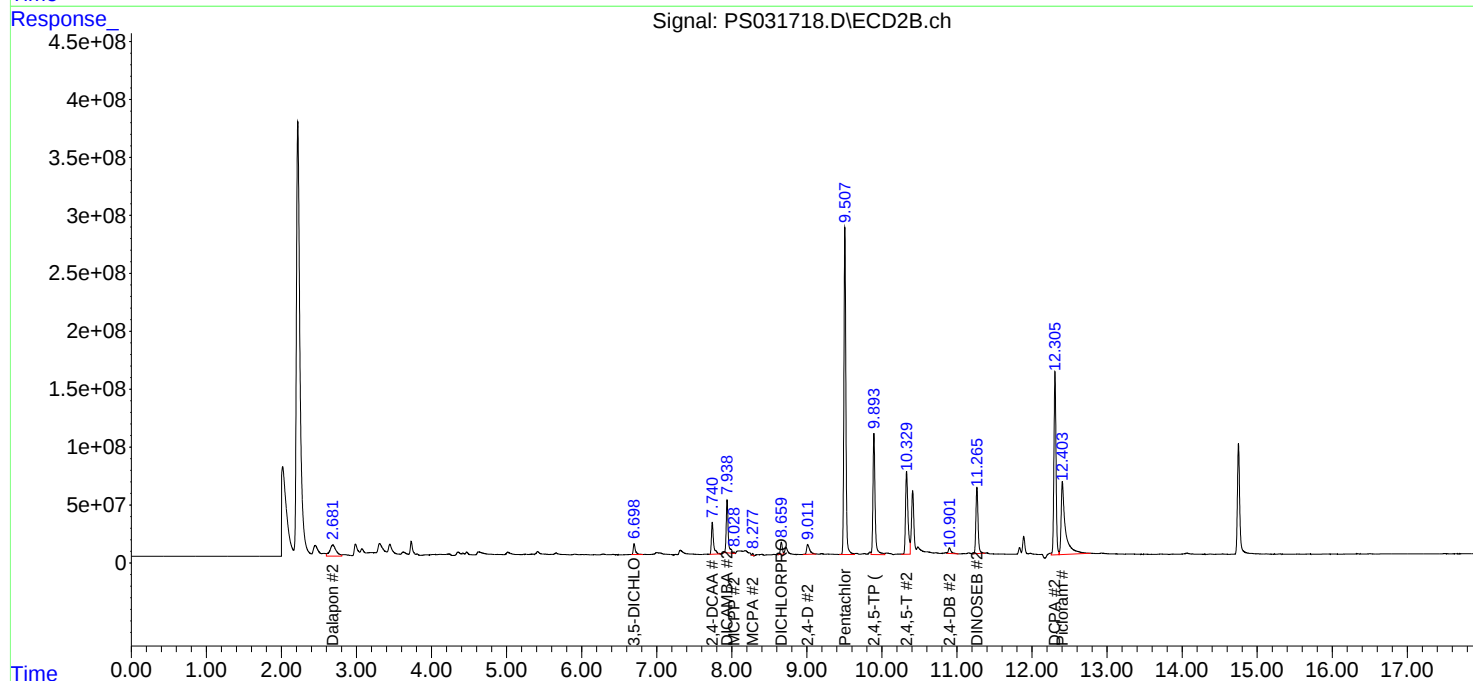
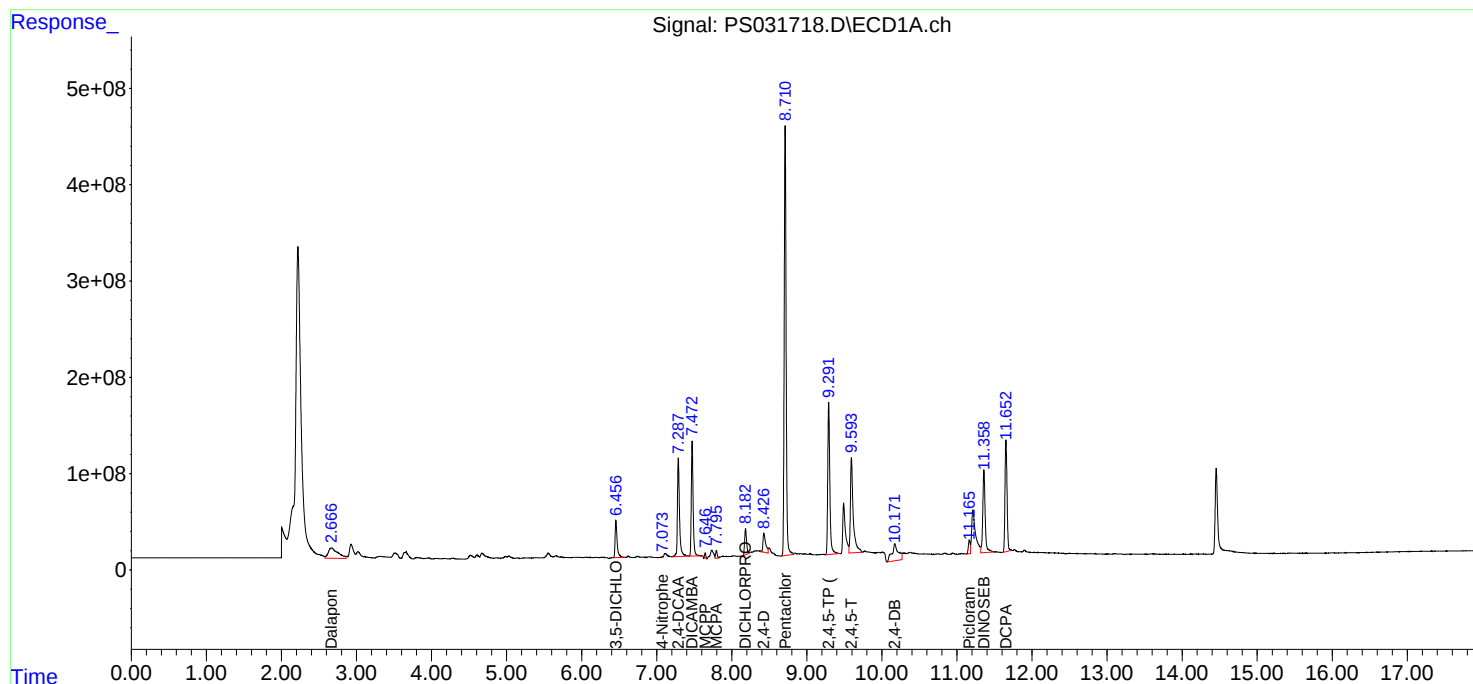
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

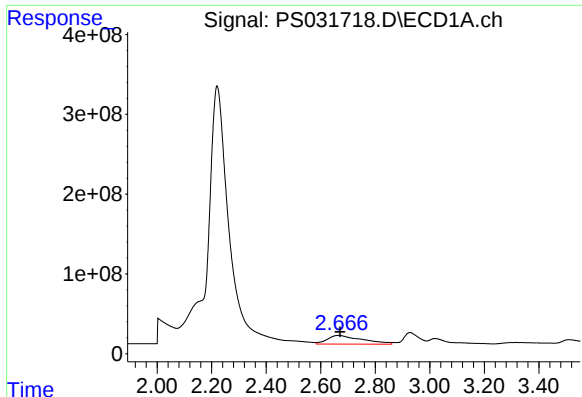
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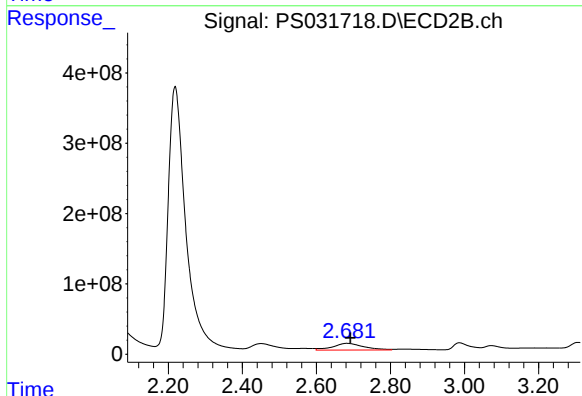




#1 Dalapon

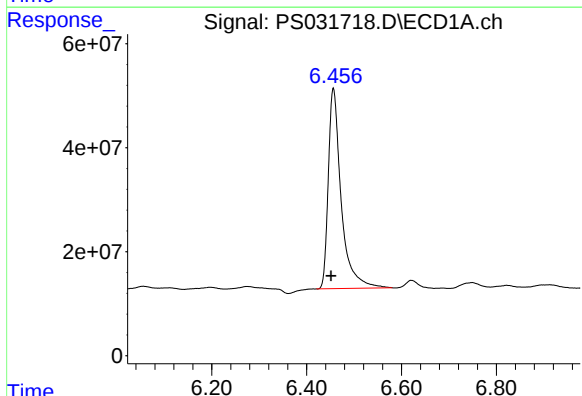
R.T.: 2.667 min
Delta R.T.: -0.004 min
Response: 951001284
Conc: 164.51 ng/ml

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



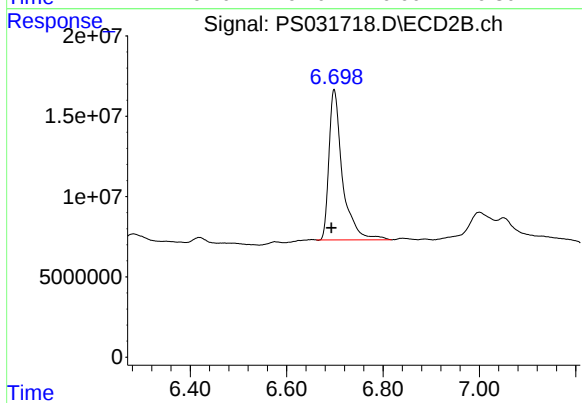
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.009 min
Response: 552991476
Conc: 196.26 ng/ml



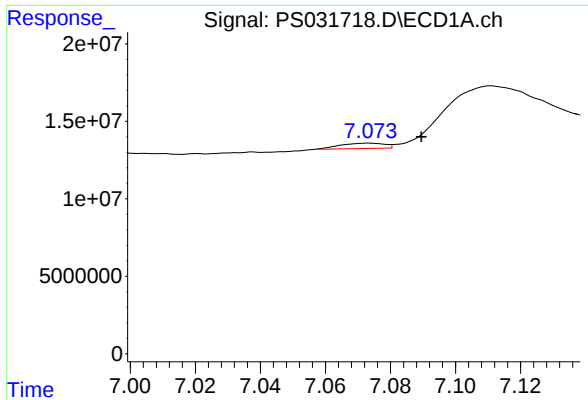
#2 3,5-DICHLOROBENZOIC ACID

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



#2 3,5-DICHLOROBENZOIC ACID

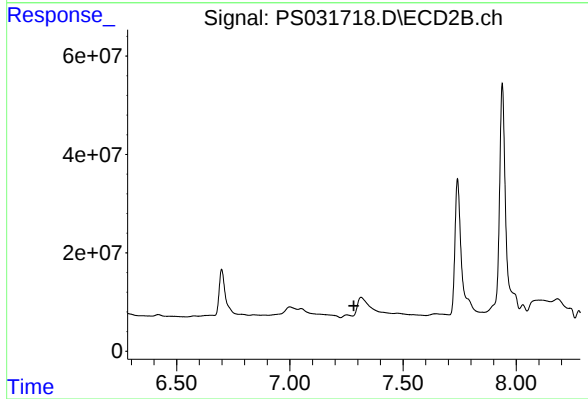
R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 182516745
Conc: 119.69 ng/ml



#3 4-Nitrophenol

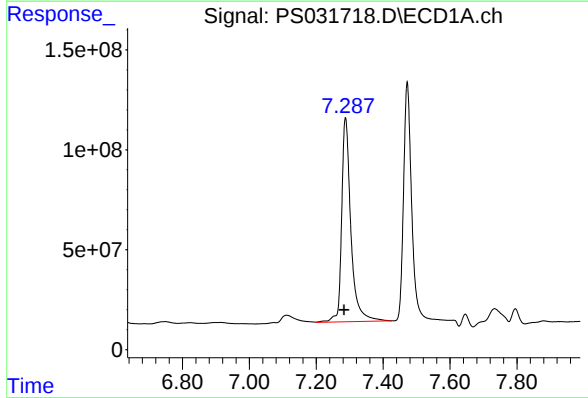
R.T.: 7.073 min
Delta R.T.: -0.016 min
Response: 3289351
Conc: 2.98 ng/ml

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



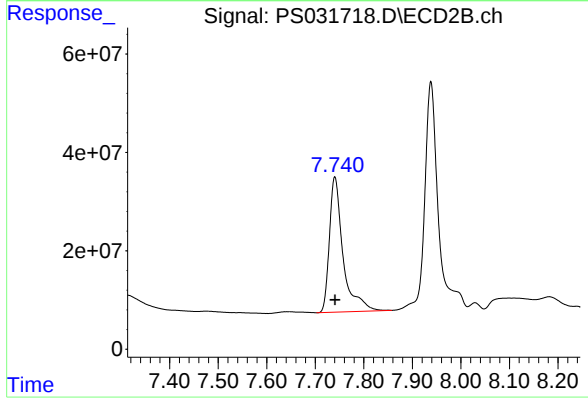
#3 4-Nitrophenol

R.T.: 7.252 min
Delta R.T.: -0.031 min
Response: -6956274
Conc: N.D.



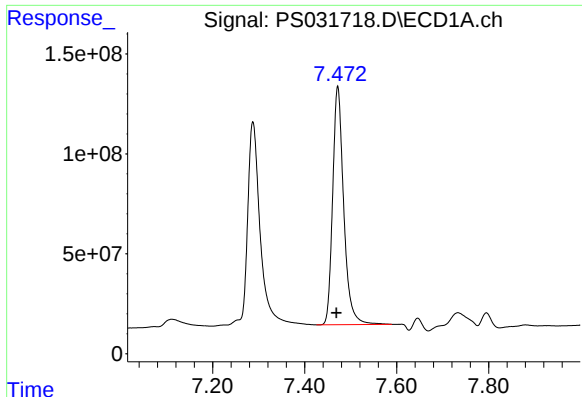
#4 2,4-DCAA

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



#4 2,4-DCAA

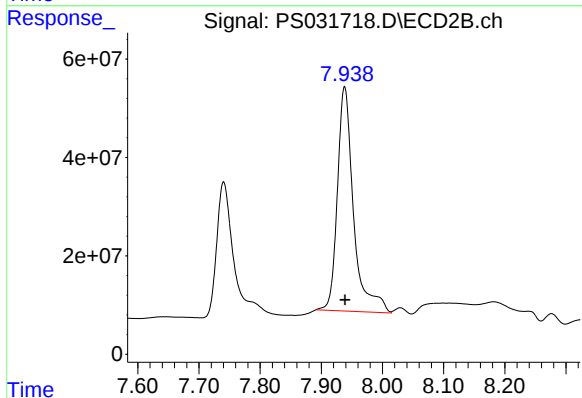
R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 538387384
Conc: 592.35 ng/ml



#5 DICAMBA

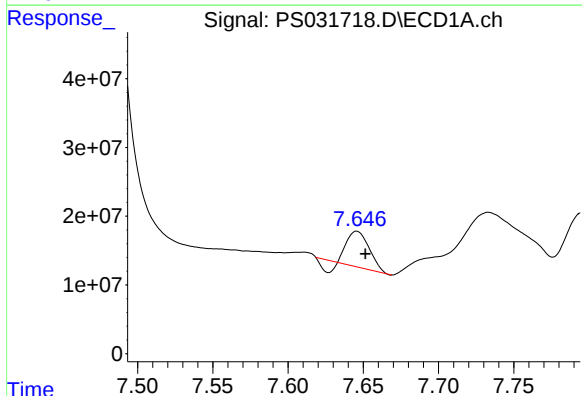
R.T.: 7.472 min
Delta R.T.: 0.003 min
Response: 1991286513
Conc: 127.67 ng/ml

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



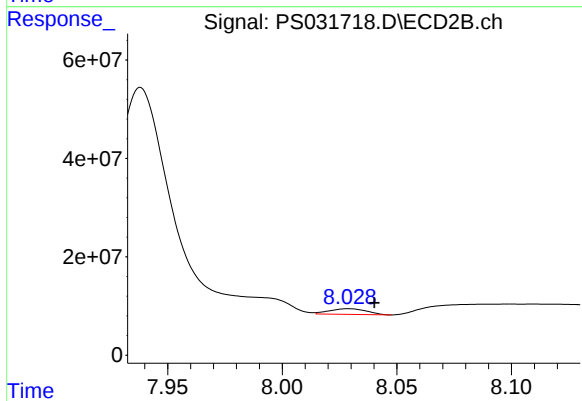
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 837790956
Conc: 128.76 ng/ml



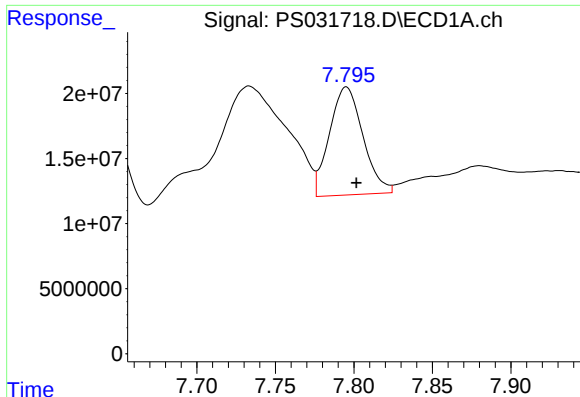
#6 MCP

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



#6 MCP

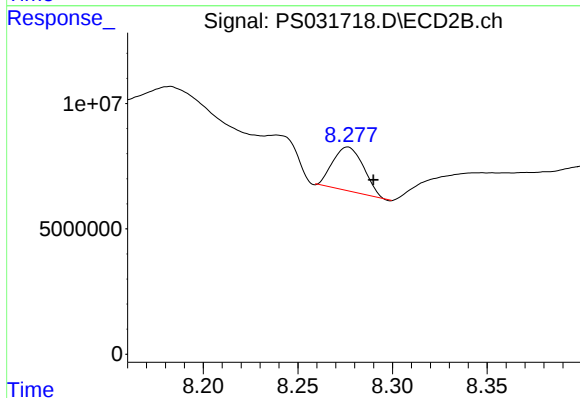
R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 13038152
Conc: 6.92 ug/ml



#7 MCPA

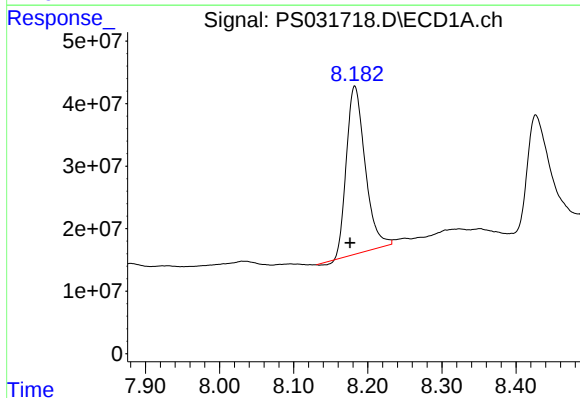
R.T.: 7.795 min
Delta R.T.: -0.006 min
Response: 123270283
Conc: 11.09 ug/ml

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



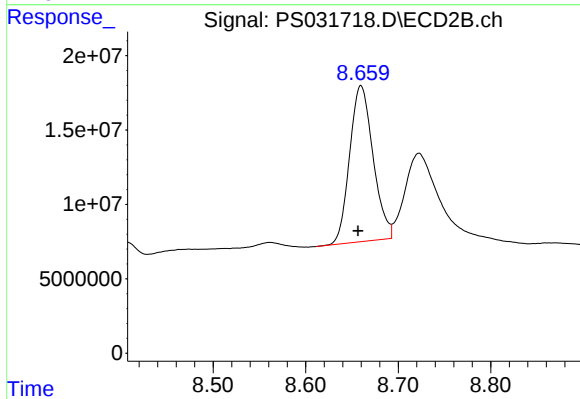
#7 MCPA

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



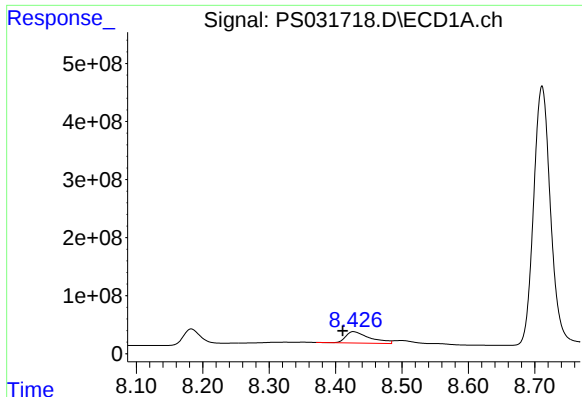
#8 DICHLORPROP

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



#8 DICHLORPROP

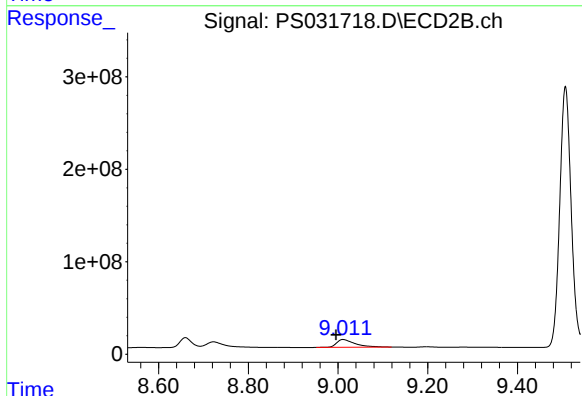
R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 184569000
Conc: 126.85 ng/ml



#9 2,4-D

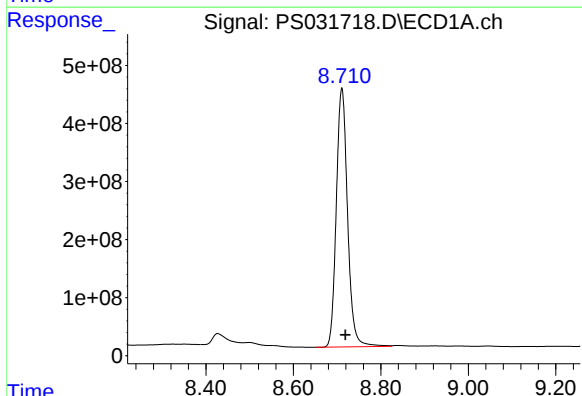
R.T.: 8.427 min
Delta R.T.: 0.016 min
Response: 497719126
Conc: 145.29 ng/ml

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



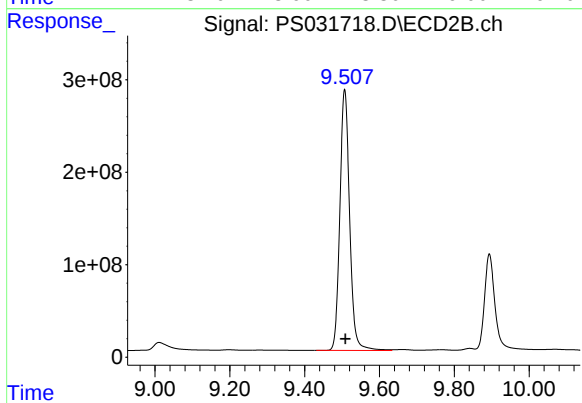
#9 2,4-D

R.T.: 9.011 min
Delta R.T.: 0.016 min
Response: 240247538
Conc: 146.04 ng/ml



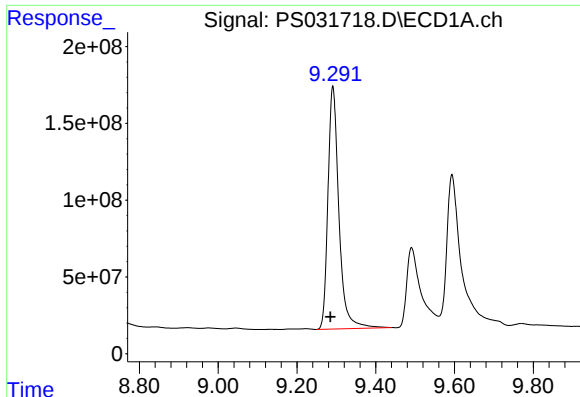
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.008 min
Response: 7967274359
Conc: 150.06 ng/ml



#10 Pentachlorophenol

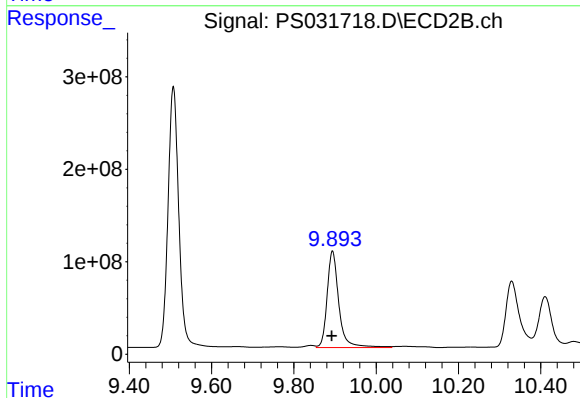
R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 5100957278
Conc: 128.52 ng/ml



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

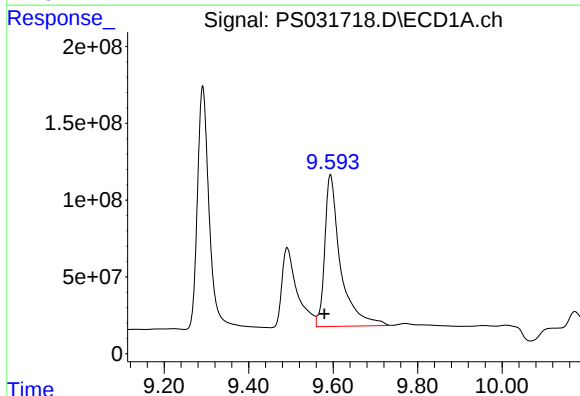
R.T.: 9.291 min
Delta R.T.: 0.006 min
Response: 3048487811
Conc: 145.35 ng/ml

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



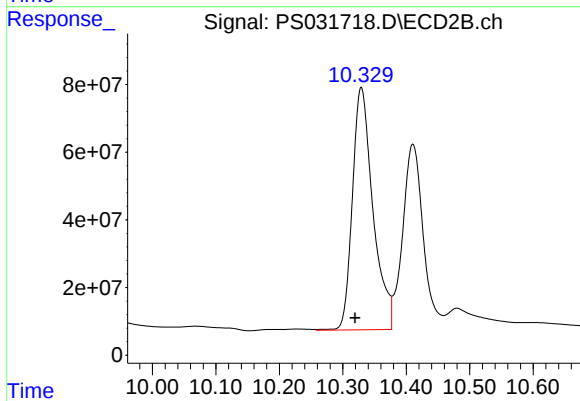
#11 2,4,5-TP (SILVEX)

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



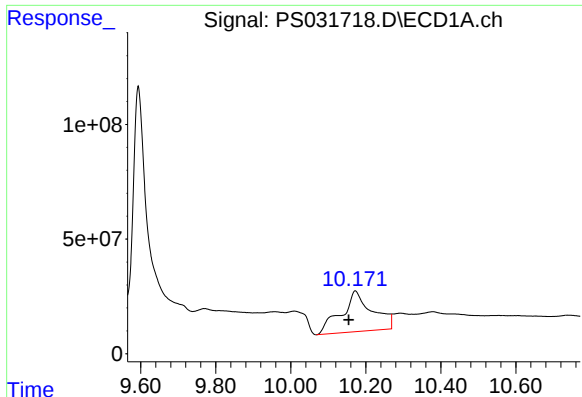
#12 2,4,5-T

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



#12 2,4,5-T

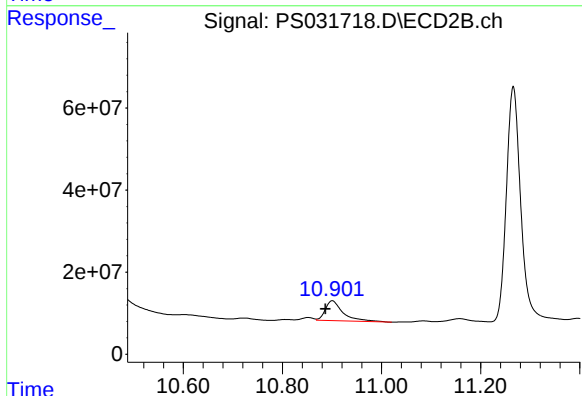
R.T.: 10.329 min
Delta R.T.: 0.010 min
Response: 1613373545
Conc: 119.89 ng/ml



#13 2,4-DB

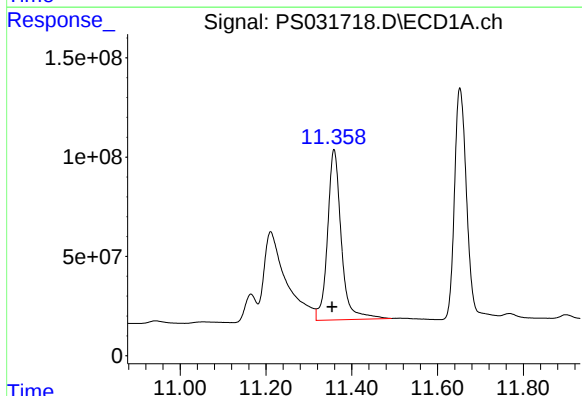
R.T.: 10.172 min
Delta R.T.: 0.018 min
Response: 1020758998
Conc: 437.57 ng/ml

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



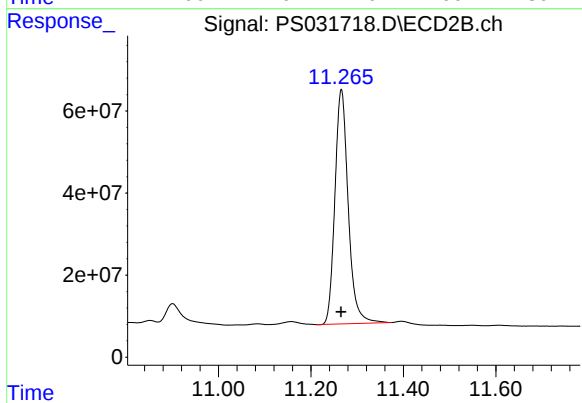
#13 2,4-DB

R.T.: 10.901 min
Delta R.T.: 0.014 min
Response: 119737037
Conc: 111.90 ng/ml



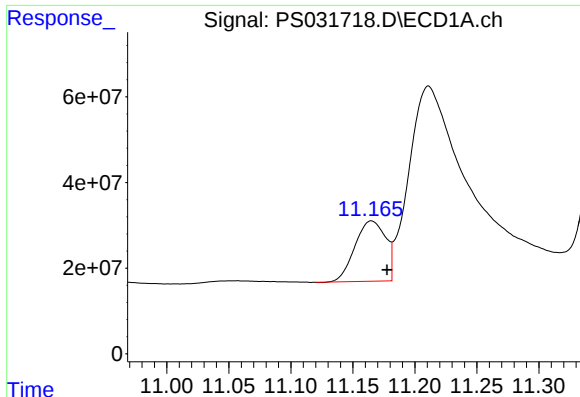
#14 DINOSEB

R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 1910398765
Conc: 132.46 ng/ml



#14 DINOSEB

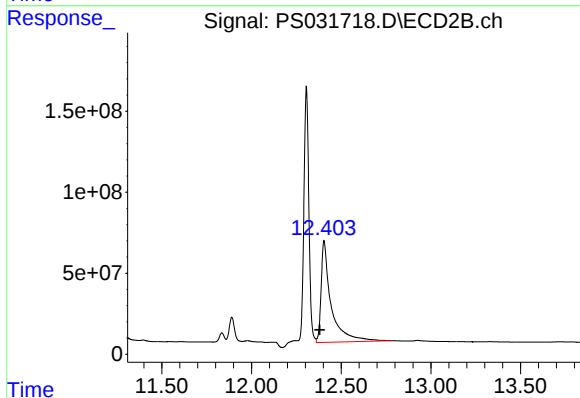
R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 1141659262
Conc: 117.45 ng/ml



#15 Picloram

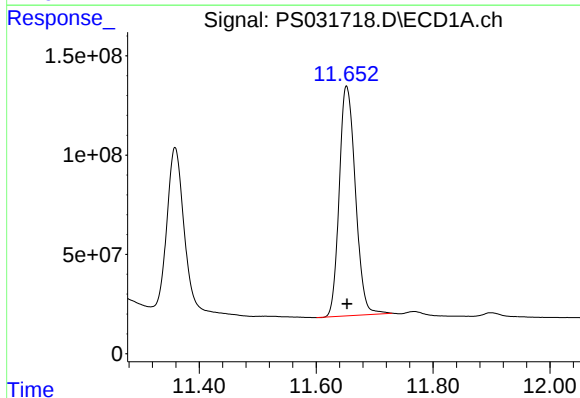
R.T.: 11.165 min
Delta R.T.: -0.013 min
Response: 242418182
Conc: 13.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
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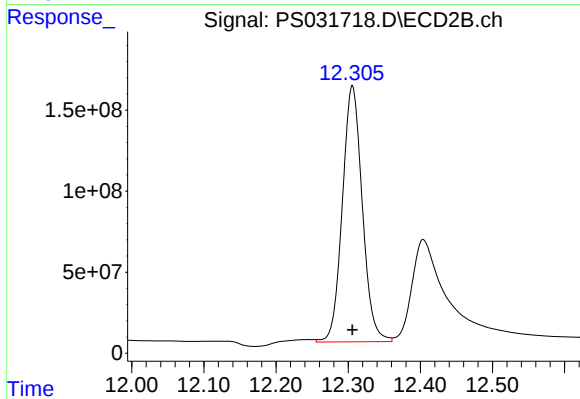
#15 Picloram

R.T.: 12.404 min
Delta R.T.: 0.025 min
Response: 2435622758
Conc: 102.84 ng/ml



#16 DCPA

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



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 3037559322
Conc: 126.02 ng/ml