

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091525\
 Data File : PS031744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 17:12
 Operator : AR\AJ
 Sample : Q2893-03
 Misc : MDL SOIL 200PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 06:59:32 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	7.289	7.745	1222.1E6	265.5E6	339.327	292.064
Target Compounds							
1) T	Dalapon	2.671	2.685	1359.4E6	595.7E6	235.163	211.424
2) T	3,5-DICHL...	6.456	6.698	1243.4E6	322.6E6	233.139	211.574m
3) T	4-Nitroph...	7.112	7.330	201.7E6	262.4E6	182.810m	207.778m
5) T	DICAMBA	7.472	7.937	3544.1E6	1370.1E6	227.231	210.570
6) T	MCPD	7.646	8.030	148.6E6	28937007	16.621m	15.364
7) T	MCPA	7.795	8.276	186.1E6	44452327	16.746	15.869
8) T	DICHLORPROP	8.182	8.659	763.3E6	328.8E6	214.307	225.953
9) T	2,4-D	8.425	9.012	645.5E6	368.2E6	188.445m	223.837m
10) T	Pentachlo...	8.711	9.507	13199.5E6	8432.0E6	248.606	212.443
11) T	2,4,5-TP ...	9.290	9.893	4941.8E6	3164.7E6	235.618	210.216
12) T	2,4,5-T	9.592	10.328	4196.6E6	2603.1E6	229.345	193.440
13) T	2,4-DB	10.170	10.899	398.6E6	179.0E6	170.884m	167.288
14) T	DINOSEB	11.357	11.265	3493.3E6	2287.0E6	242.212m	235.274
15) T	Picloram	11.201	12.401	3282.0E6	4453.6E6	182.220m	188.050
16) T	DCPA	11.656	12.305	6558.3E6	5181.6E6	243.351	214.967

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

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Sample : Q2893-03
Misc : MDL SOIL 200PPB
ALS Vial : 5 Sample Multiplier: 1

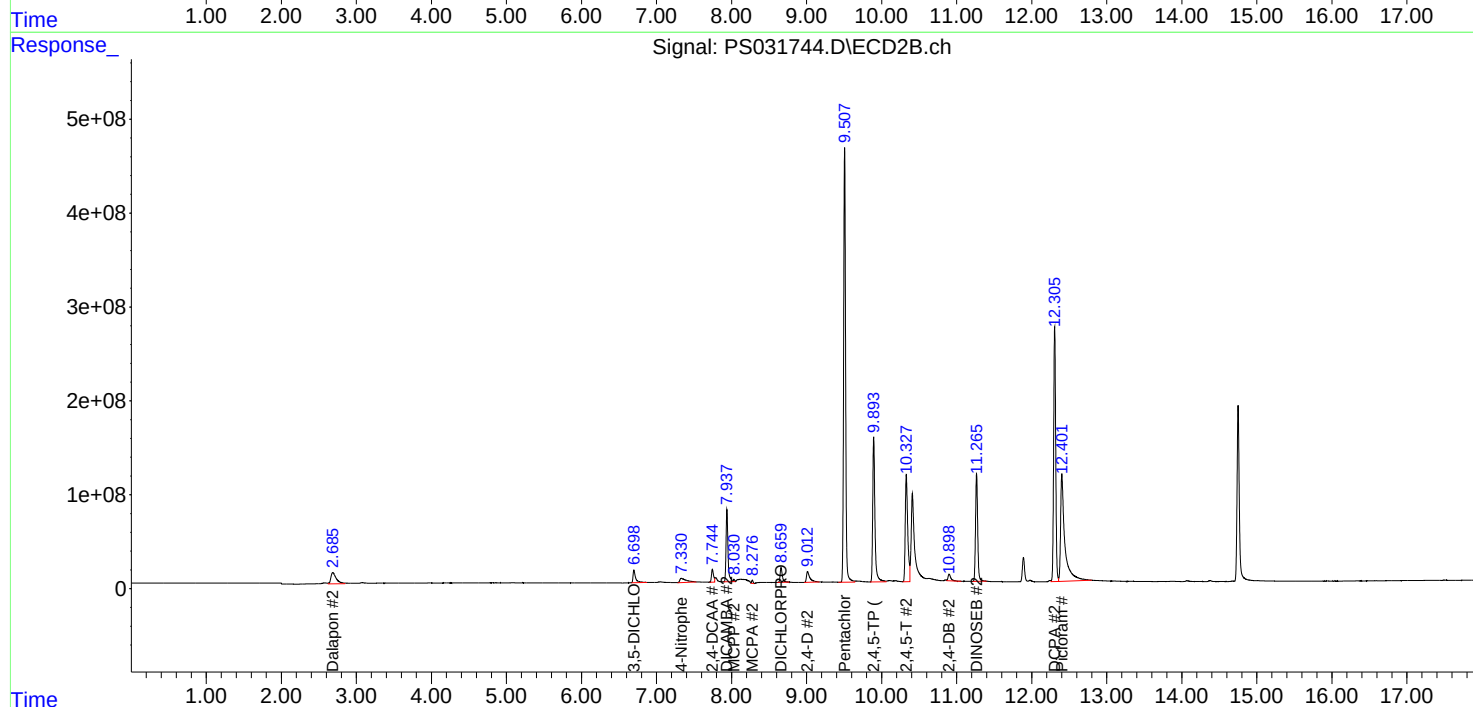
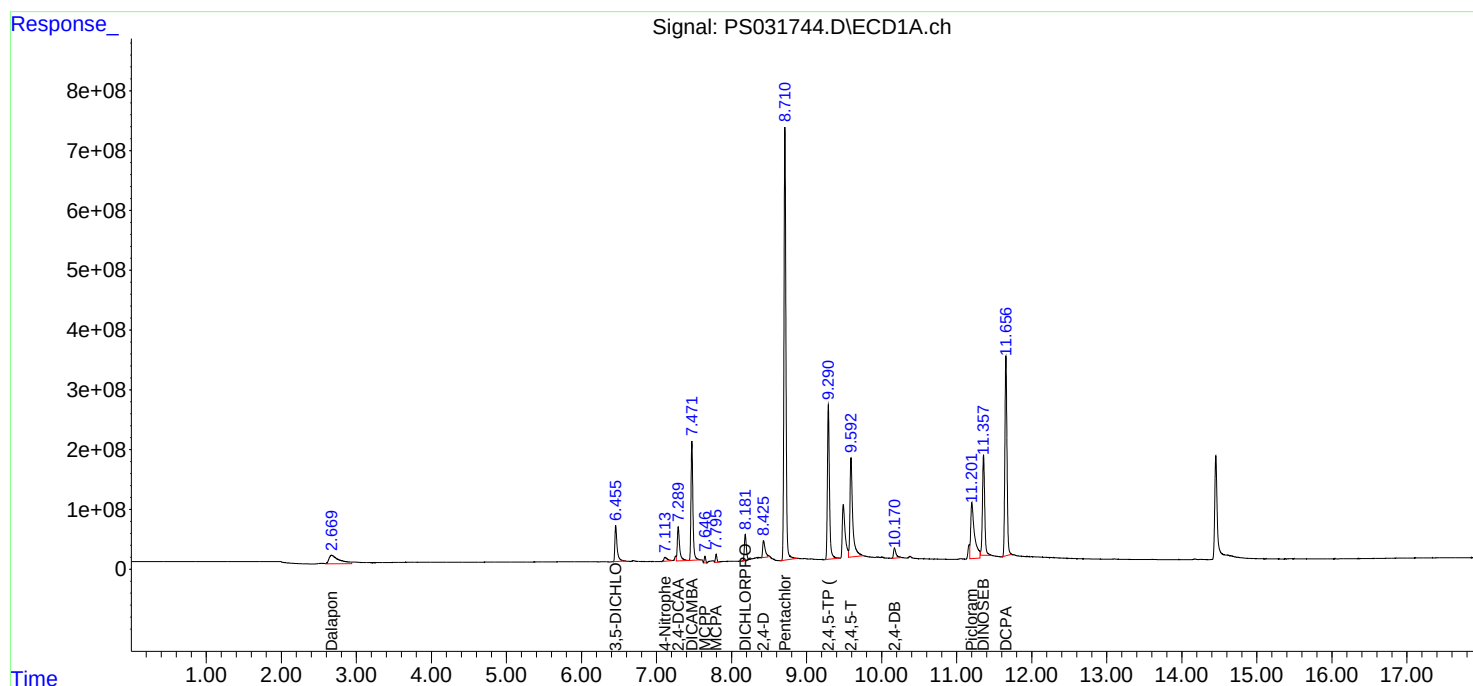
Instrument :
ECD_S
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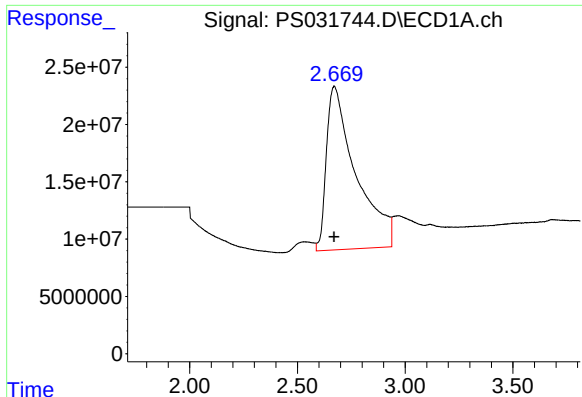
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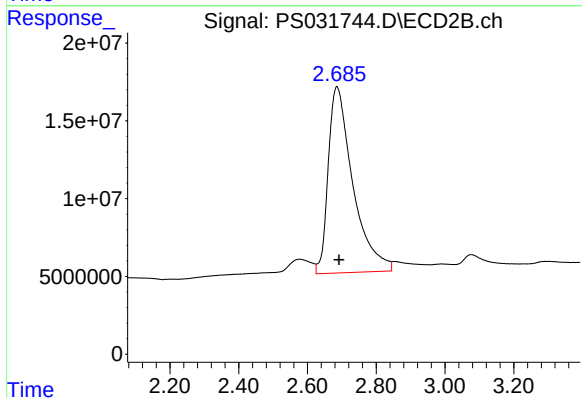
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 1359415000
Conc: 235.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2025

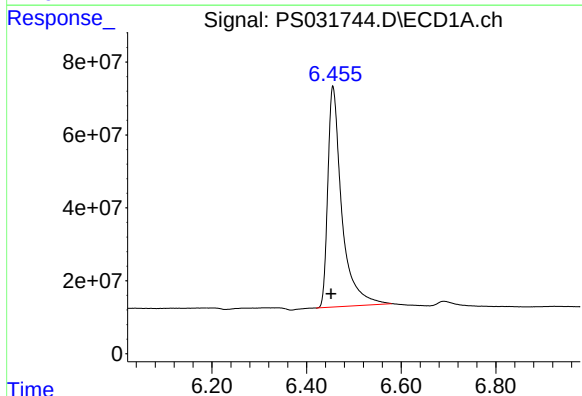
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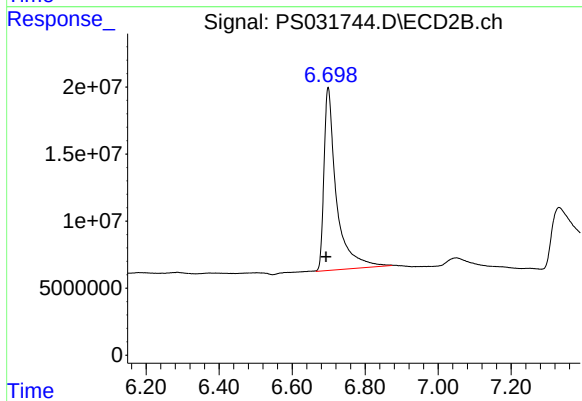
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: -0.006 min
Response: 595713266
Conc: 211.42 ng/ml



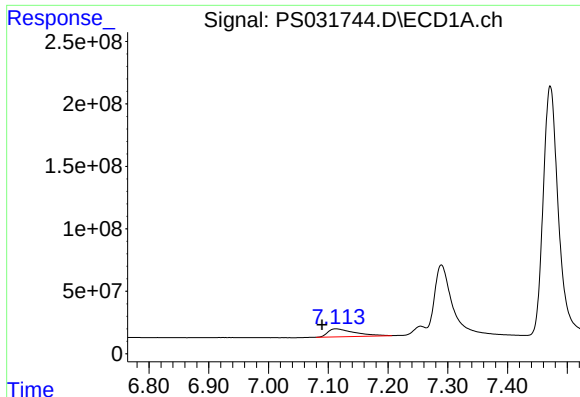
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: 0.004 min
Response: 1243413959
Conc: 233.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 322643602
Conc: 211.57 ng/ml m



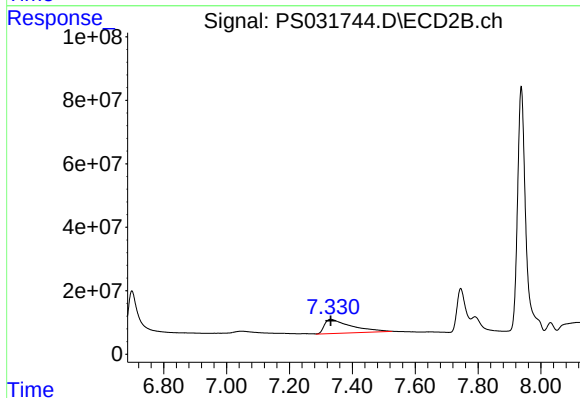
#3 4-Nitrophenol

R.T.: 7.112 min
Delta R.T.: 0.023 min
Response: 201677710
Conc: 182.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2025

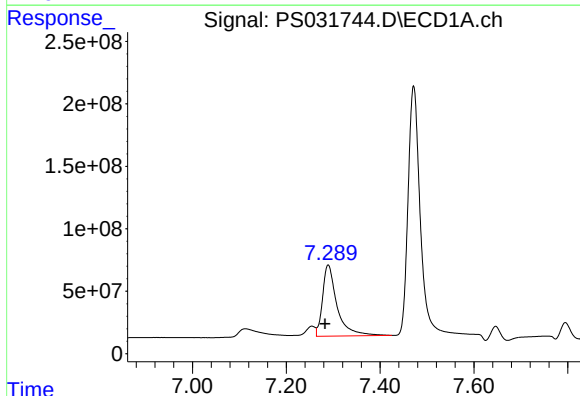
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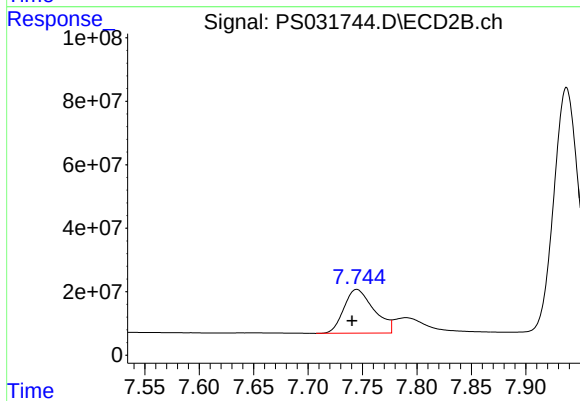
#3 4-Nitrophenol

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 262379814
Conc: 207.78 ng/ml m



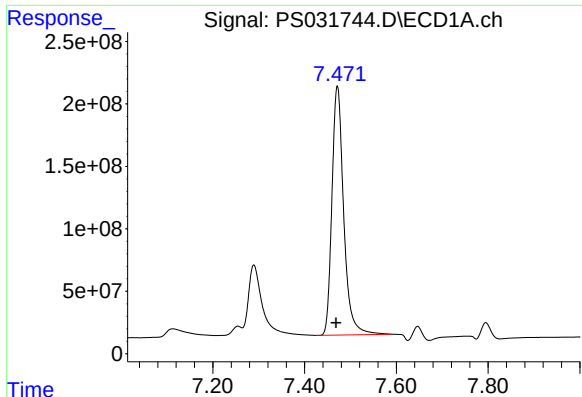
#4 2,4-DCAA

R.T.: 7.289 min
Delta R.T.: 0.006 min
Response: 1222093841
Conc: 339.33 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 265456525
Conc: 292.06 ng/ml



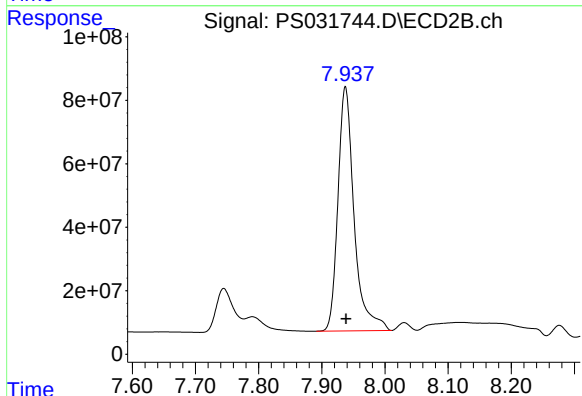
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: 0.003 min
Response: 3544057604
Conc: 227.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2025

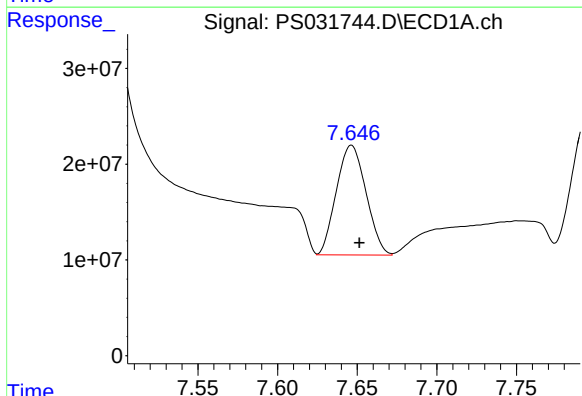
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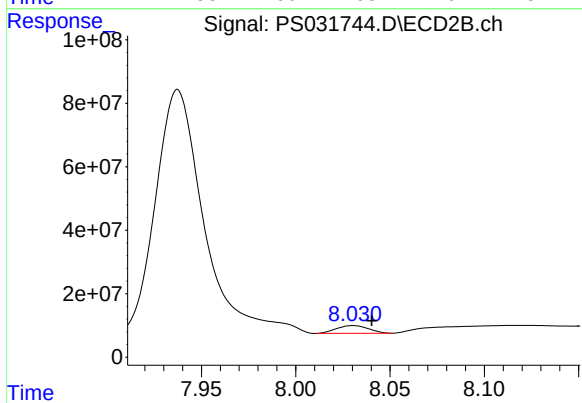
#5 DICAMBA

R.T.: 7.937 min
Delta R.T.: -0.001 min
Response: 1370149271
Conc: 210.57 ng/ml



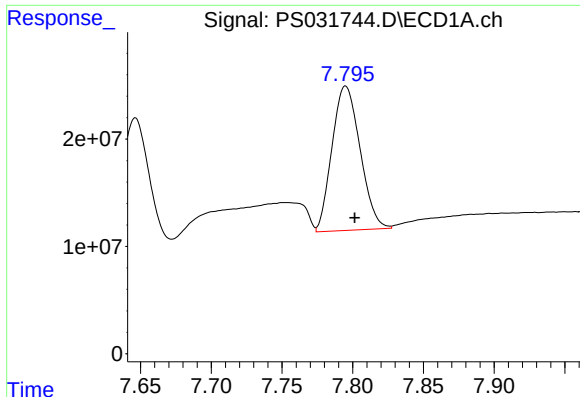
#6 MCPP

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 148581831
Conc: 16.62 ug/ml m



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 28937007
Conc: 15.36 ug/ml



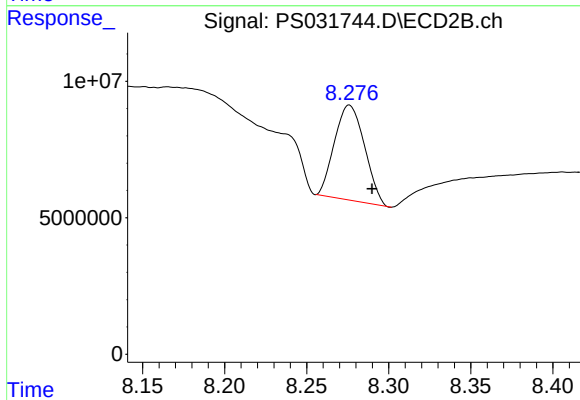
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 186054330
Conc: 16.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2025

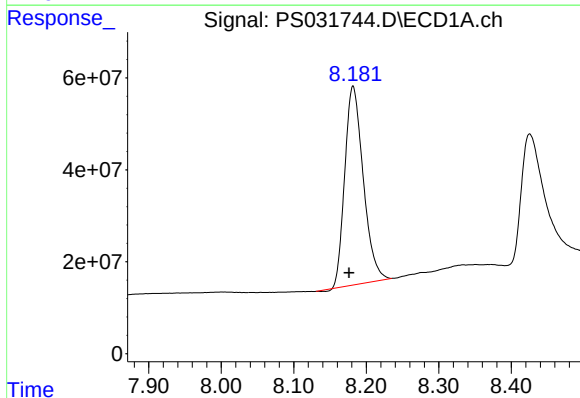
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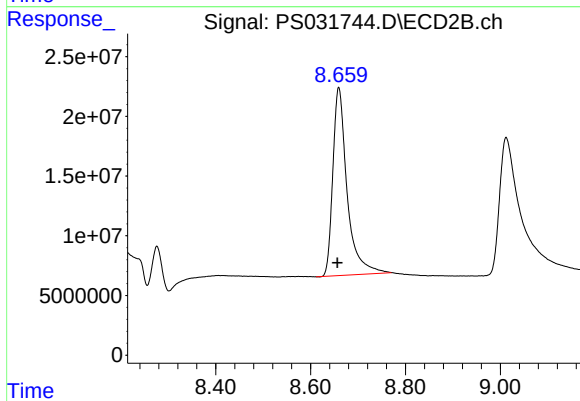
#7 MCPA

R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 44452327
Conc: 15.87 ug/ml



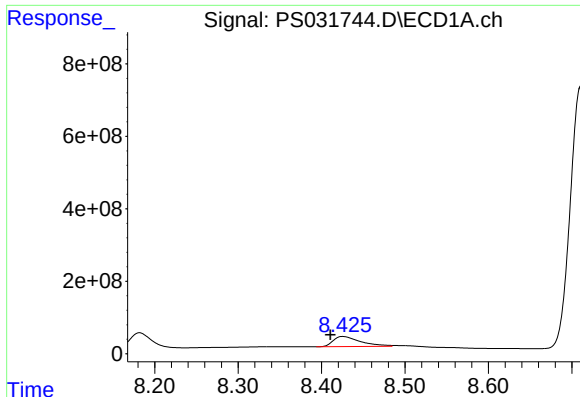
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: 0.005 min
Response: 763312321
Conc: 214.31 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 328775845
Conc: 225.95 ng/ml



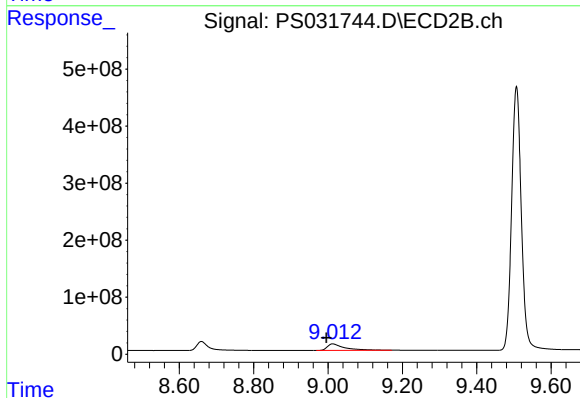
#9 2,4-D

R.T.: 8.425 min
Delta R.T.: 0.014 min
Response: 645543927
Conc: 188.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT3-2025

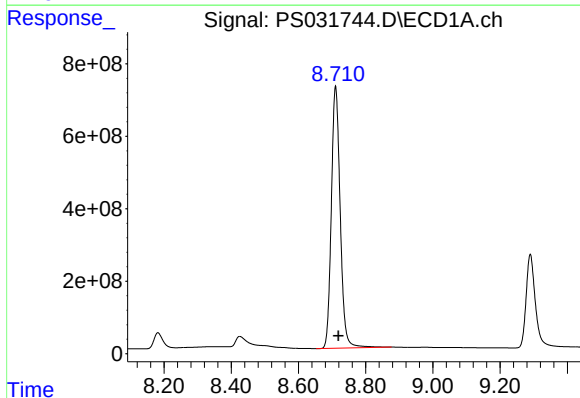
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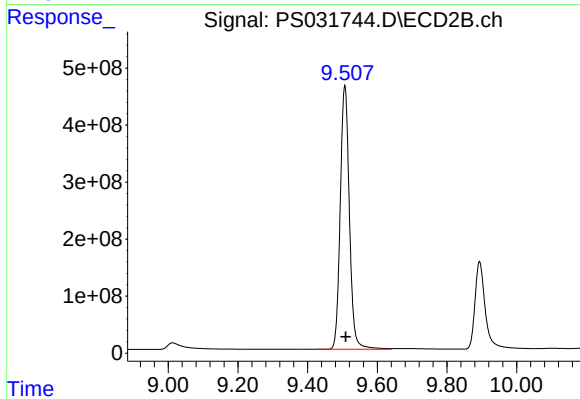
#9 2,4-D

R.T.: 9.012 min
Delta R.T.: 0.016 min
Response: 368236729
Conc: 223.84 ng/ml m



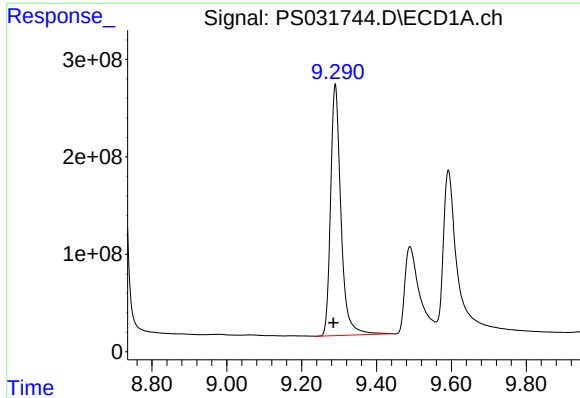
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.008 min
Response: 13199460209
Conc: 248.61 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 8431967132
Conc: 212.44 ng/ml



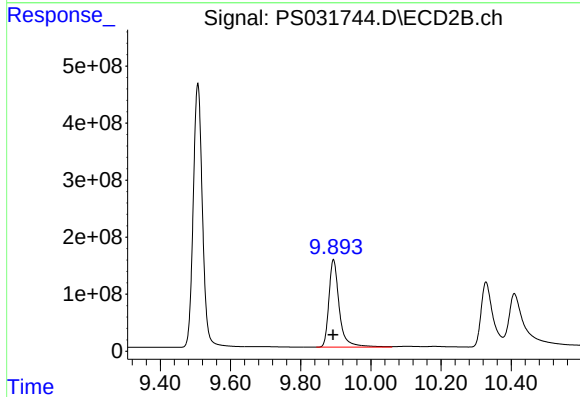
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: 0.005 min
Response: 4941775473
Conc: 235.62 ng/ml

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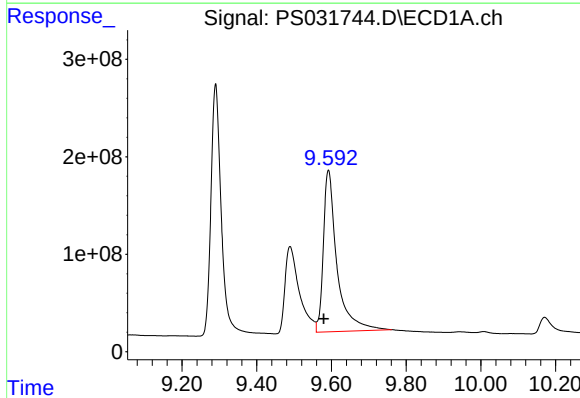
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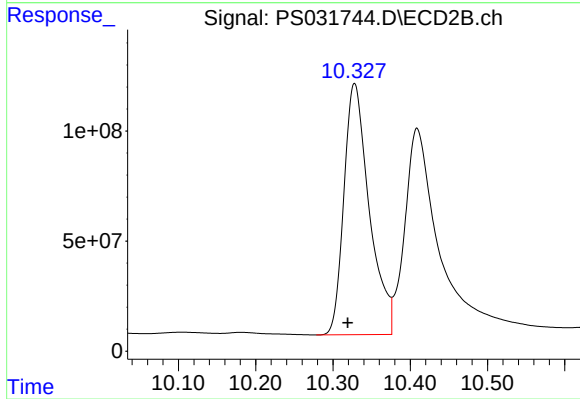
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.002 min
Response: 3164658612
Conc: 210.22 ng/ml



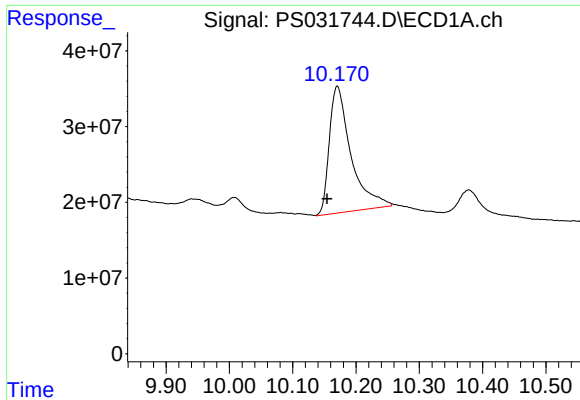
#12 2,4,5-T

R.T.: 9.592 min
Delta R.T.: 0.012 min
Response: 4196591150
Conc: 229.34 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: 0.009 min
Response: 2603125748
Conc: 193.44 ng/ml



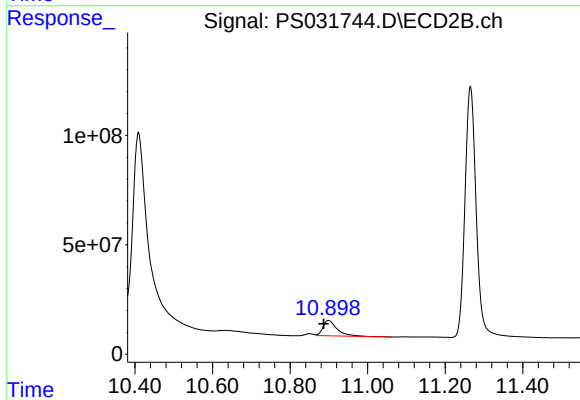
#13 2,4-DB

R.T.: 10.170 min
Delta R.T.: 0.016 min
Response: 398631780
Conc: 170.88 ng/ml

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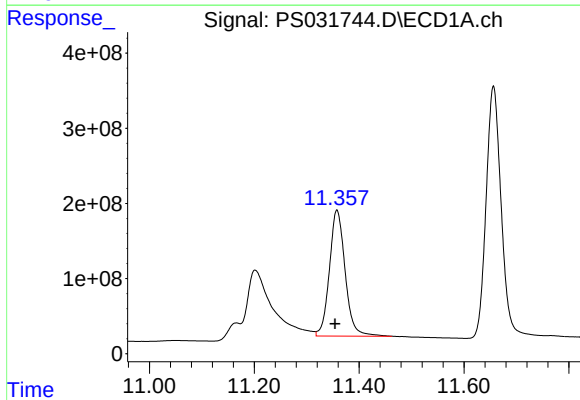
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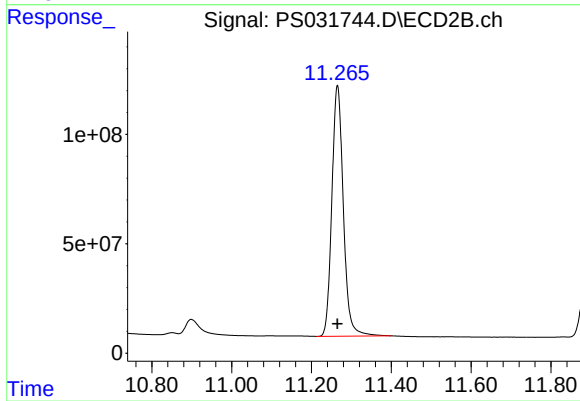
#13 2,4-DB

R.T.: 10.899 min
Delta R.T.: 0.012 min
Response: 179005706
Conc: 167.29 ng/ml



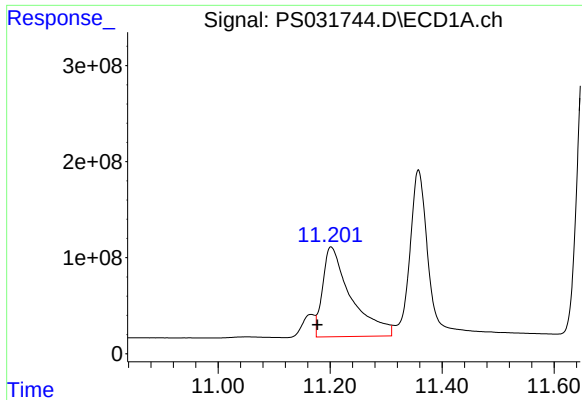
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: 0.003 min
Response: 3493343750
Conc: 242.21 ng/ml m



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 2287019718
Conc: 235.27 ng/ml



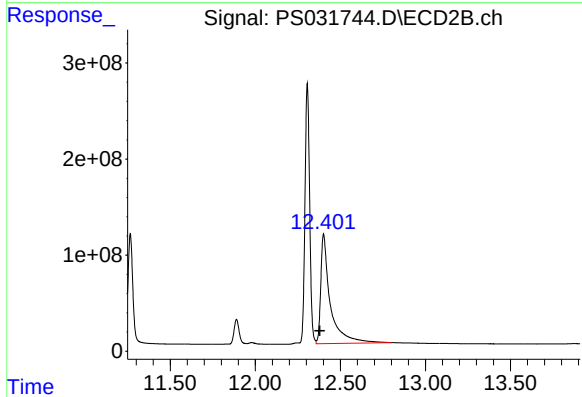
#15 Picloram

R.T.: 11.201 min
Delta R.T.: 0.023 min
Response: 3281971171
Conc: 182.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
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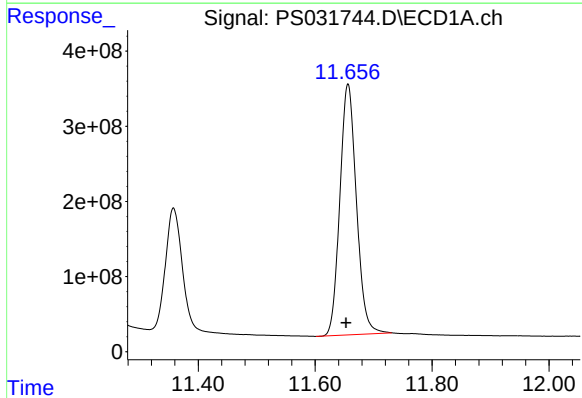
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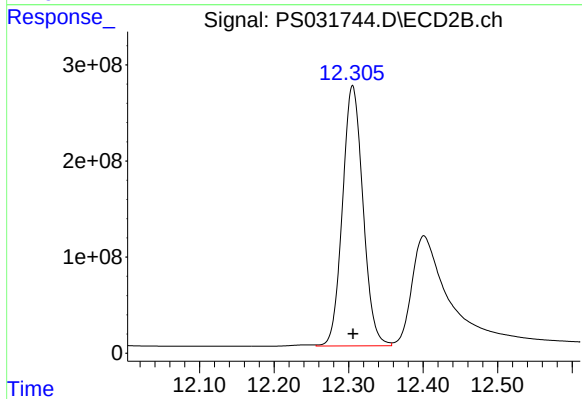
#15 Picloram

R.T.: 12.401 min
Delta R.T.: 0.021 min
Response: 4453630778
Conc: 188.05 ng/ml



#16 DCPA

R.T.: 11.656 min
Delta R.T.: 0.003 min
Response: 6558269607
Conc: 243.35 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.000 min
Response: 5181593613
Conc: 214.97 ng/ml