

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043019\
 Data File : PS004355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2019 10:08
 Operator : EI\SJ
 Sample : MDL-HERB-SOIL-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-HERB-SOIL-05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 03:09:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042919.M
 Quant Title : 8080.M
 QLast Update : Tue Apr 30 08:27:54 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	6.043	5.732	291.0E6	224.2E6	462.341	464.897
Target Compounds							
1) T	Dalapon	2.428	2.085	66148254	62882204	84.181	93.968
2) T	3,5-DICHL...	5.387	5.023	87275191	65474133	110.475	106.509
3) T	4-Nitroph...	5.930	5.415	23077373	24983553	92.346	101.002
5) T	DICAMBA	6.203	5.867	268.1E6	206.9E6	112.751	110.532
6) T	MCPD	6.355	5.948	14228510	11900570	8.235	8.849
7) T	MCPA	6.492	6.132	28437829	22358272	11.038	11.255
8) T	DICHLORPROP	6.855	6.429	63482573	54100877	110.924	114.967
9) T	2,4-D	7.097	6.709	101.9E6	61531307	179.053	117.021 #
10) T	Pentachlo...	7.334	7.075	946.4E6	768.3E6	111.085	115.187
11) T	2,4,5-TP ...	7.878	7.441	333.7E6	284.0E6	103.466	108.088
12) T	2,4,5-T	8.168	7.806	413.5E6	215.6E6	121.460	95.854
13) T	2,4-DB	8.708	8.298	28676051	22537379	85.233	82.205
14) T	DINOSEB	9.784	8.605	377.5E6	211.7E6	125.673	108.298
15) T	Picloram	9.643	9.506	365.3E6	382.0E6	86.297	104.434
16) T	DCPA	10.055	9.506	523.8E6	382.0E6	119.888	116.119

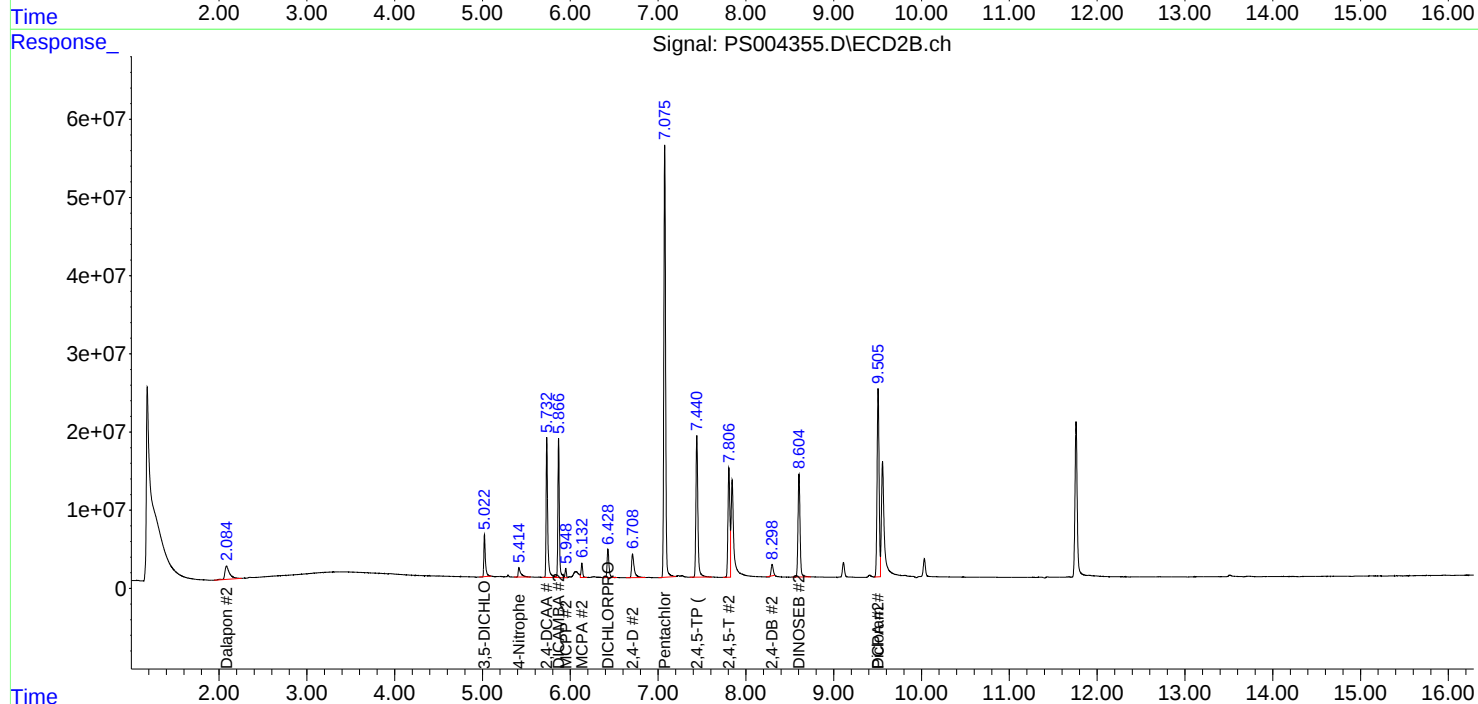
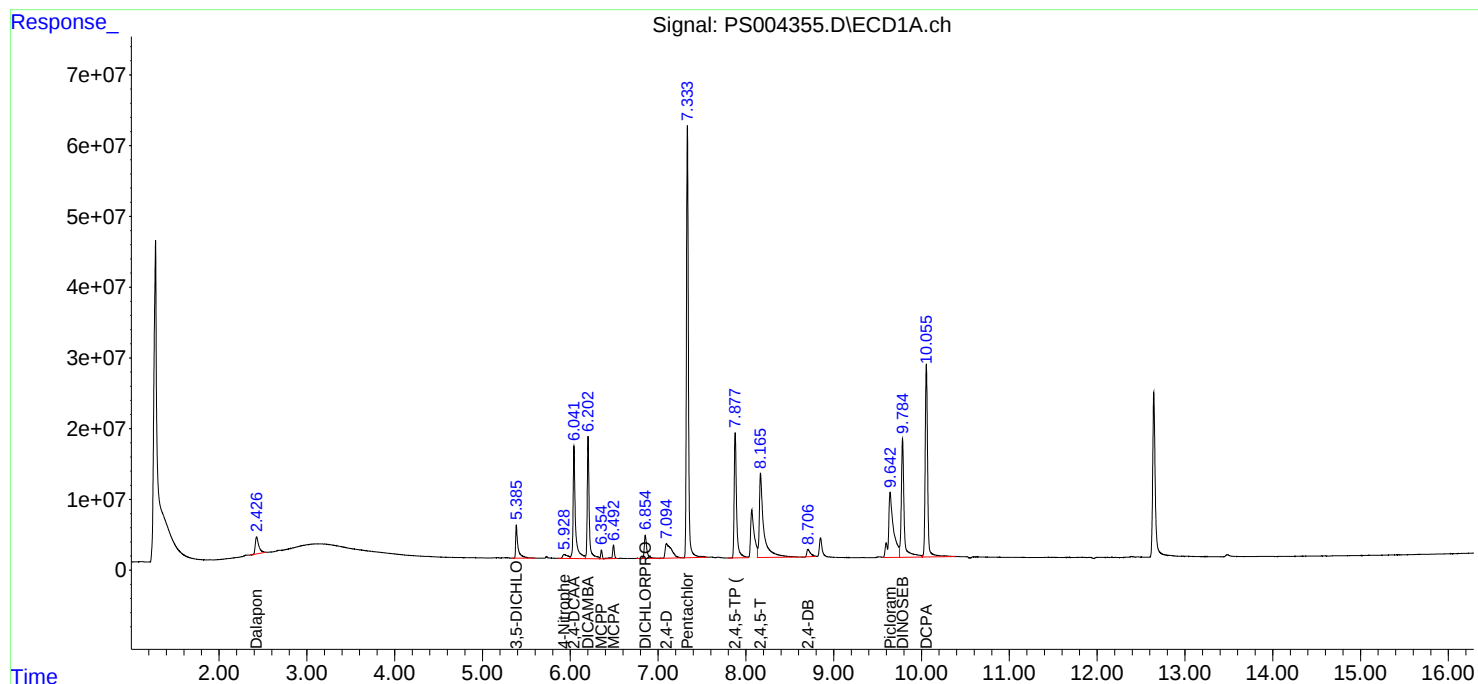
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

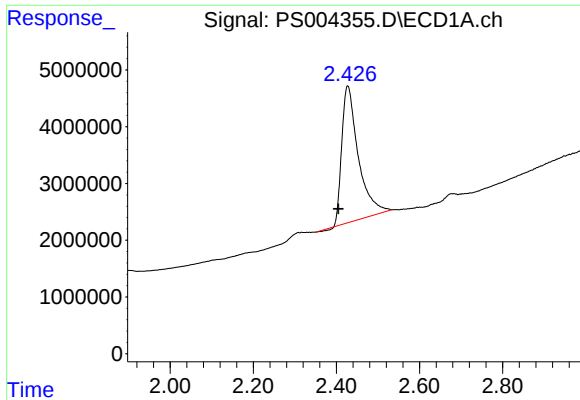
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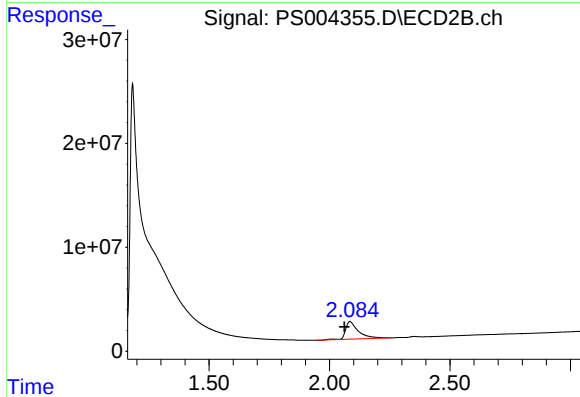




#1 Dalapon

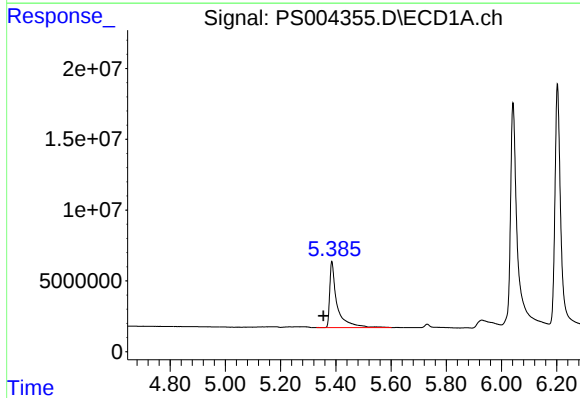
R.T.: 2.428 min
Delta R.T.: 0.023 min
Response: 66148254
Conc: 84.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-HERB-SOIL-05



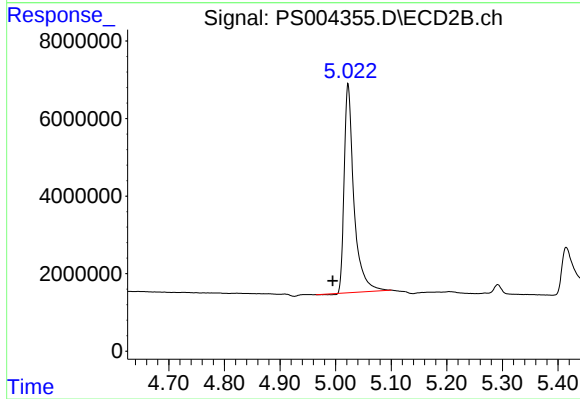
#1 Dalapon

R.T.: 2.085 min
Delta R.T.: 0.023 min
Response: 62882204
Conc: 93.97 ng/ml



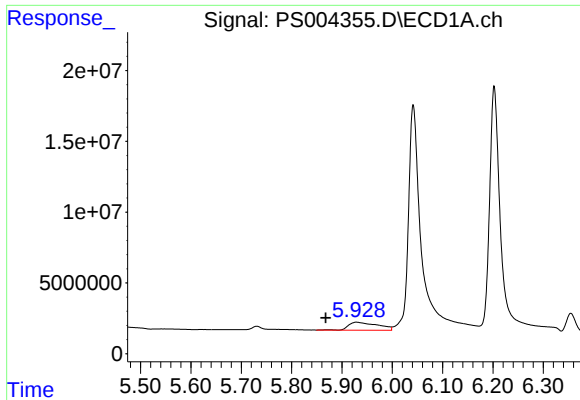
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.387 min
Delta R.T.: 0.032 min
Response: 87275191
Conc: 110.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

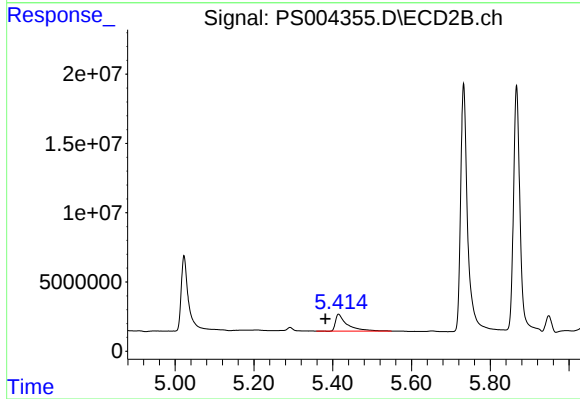
R.T.: 5.023 min
Delta R.T.: 0.028 min
Response: 65474133
Conc: 106.51 ng/ml



#3 4-Nitrophenol

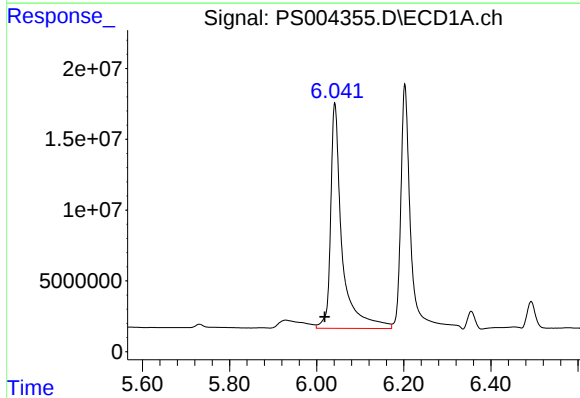
R.T.: 5.930 min
Delta R.T.: 0.062 min
Response: 23077373
Conc: 92.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-HERB-SOIL-05



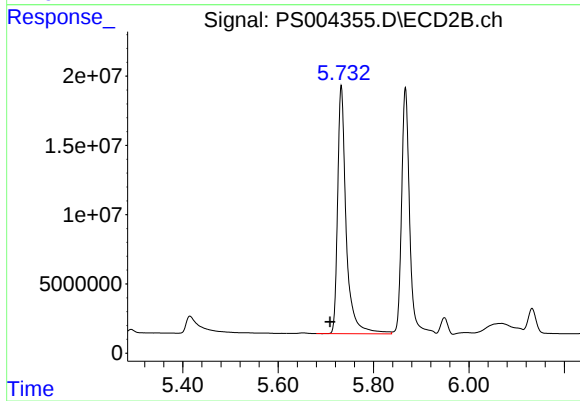
#3 4-Nitrophenol

R.T.: 5.415 min
Delta R.T.: 0.034 min
Response: 24983553
Conc: 101.00 ng/ml



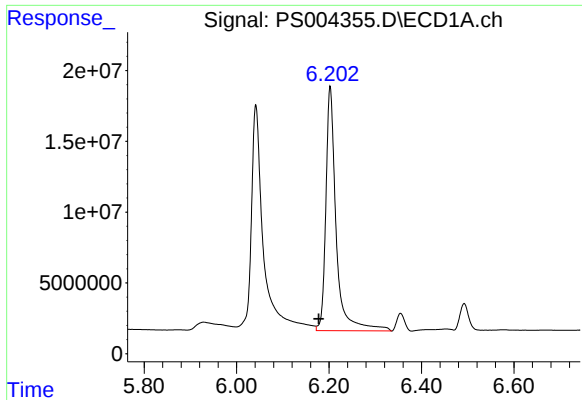
#4 2,4-DCAA

R.T.: 6.043 min
Delta R.T.: 0.025 min
Response: 291024043
Conc: 462.34 ng/ml



#4 2,4-DCAA

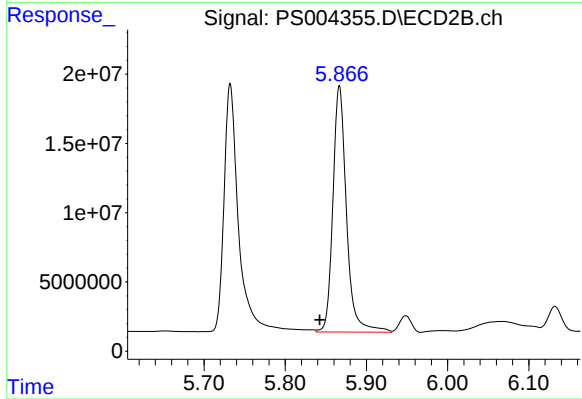
R.T.: 5.732 min
Delta R.T.: 0.024 min
Response: 224212163
Conc: 464.90 ng/ml



#5 DICAMBA

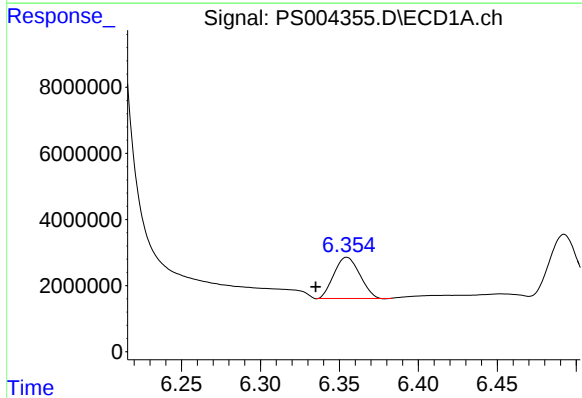
R.T.: 6.203 min
Delta R.T.: 0.025 min
Response: 268119318
Conc: 112.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-HERB-SOIL-05



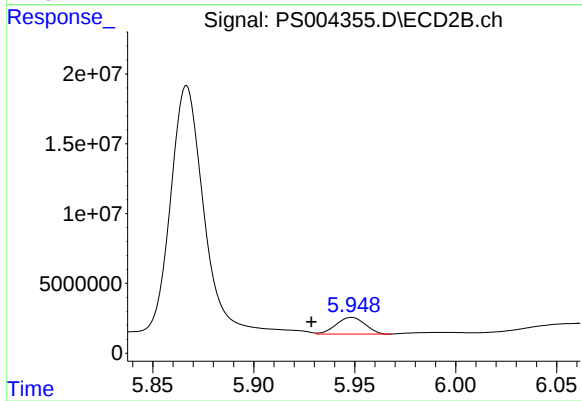
#5 DICAMBA

R.T.: 5.867 min
Delta R.T.: 0.024 min
Response: 206885510
Conc: 110.53 ng/ml



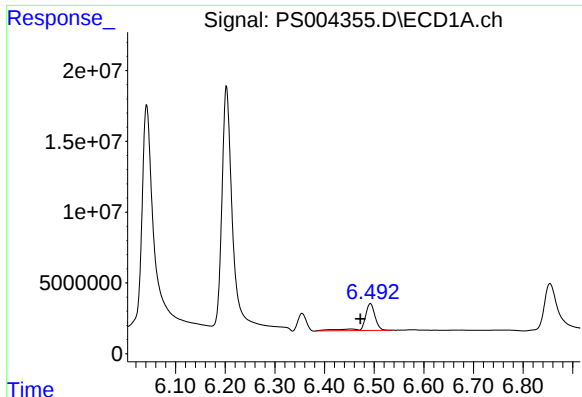
#6 MCPP

R.T.: 6.355 min
Delta R.T.: 0.020 min
Response: 14228510
Conc: 8.23 ug/ml



#6 MCPP

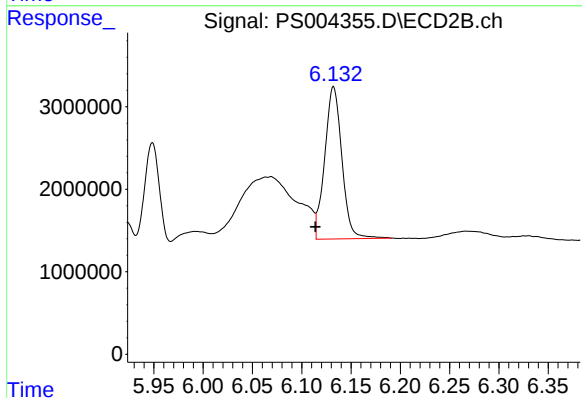
R.T.: 5.948 min
Delta R.T.: 0.020 min
Response: 11900570
Conc: 8.85 ug/ml



#7 MCPA

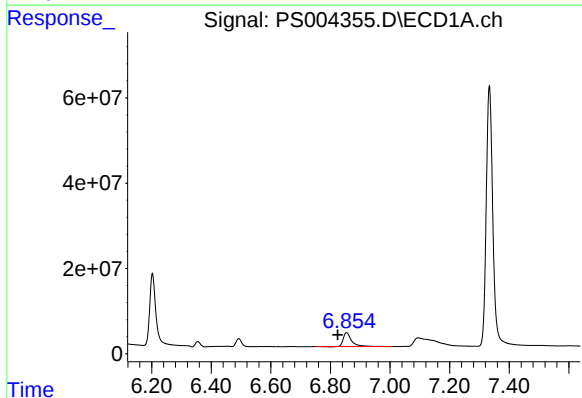
R.T.: 6.492 min
Delta R.T.: 0.020 min
Response: 28437829
Conc: 11.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-HERB-SOIL-05



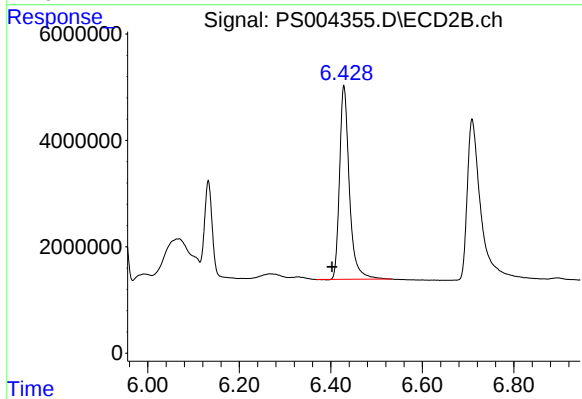
#7 MCPA

R.T.: 6.132 min
Delta R.T.: 0.019 min
Response: 22358272
Conc: 11.25 ug/ml



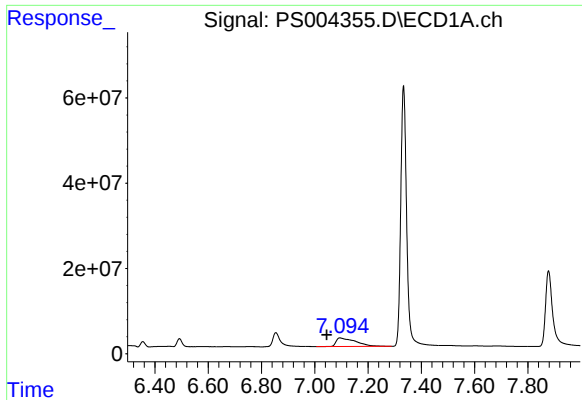
#8 DICHLORPROP

R.T.: 6.855 min
Delta R.T.: 0.030 min
Response: 63482573
Conc: 110.92 ng/ml



#8 DICHLORPROP

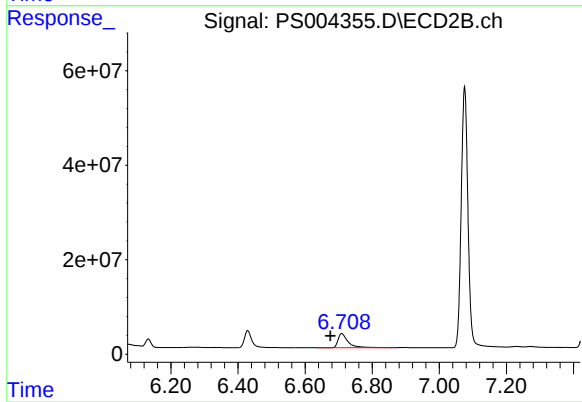
R.T.: 6.429 min
Delta R.T.: 0.026 min
Response: 54100877
Conc: 114.97 ng/ml



#9 2,4-D

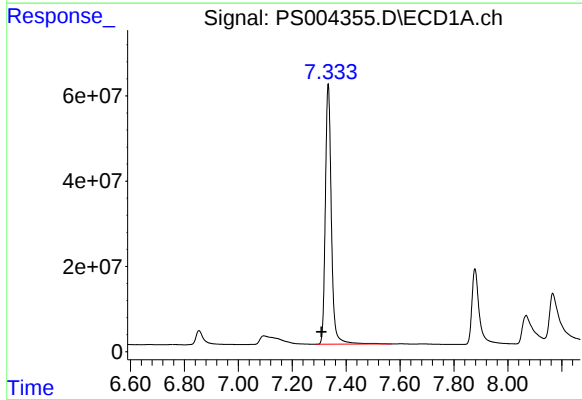
R.T.: 7.097 min
Delta R.T.: 0.052 min
Response: 101871955
Conc: 179.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-HERB-SOIL-05



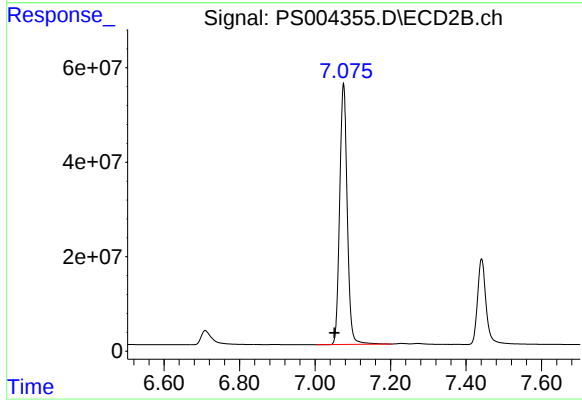
#9 2,4-D

R.T.: 6.709 min
Delta R.T.: 0.033 min
Response: 61531307
Conc: 117.02 ng/ml



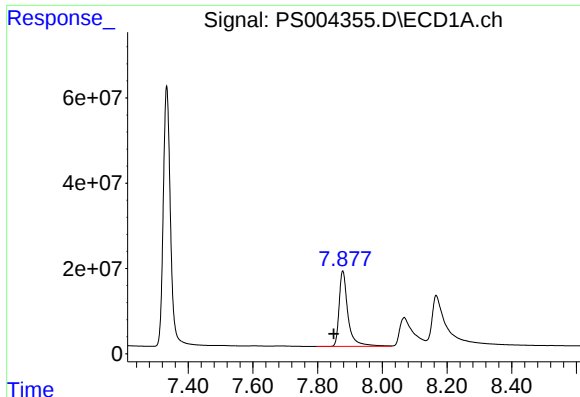
#10 Pentachlorophenol

R.T.: 7.334 min
Delta R.T.: 0.025 min
Response: 946356618
Conc: 111.08 ng/ml



#10 Pentachlorophenol

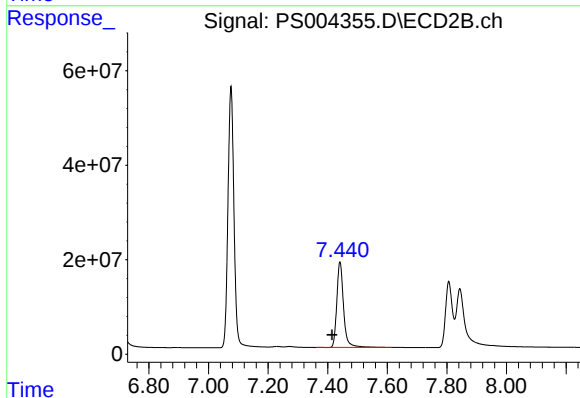
R.T.: 7.075 min
Delta R.T.: 0.024 min
Response: 768271198
Conc: 115.19 ng/ml



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

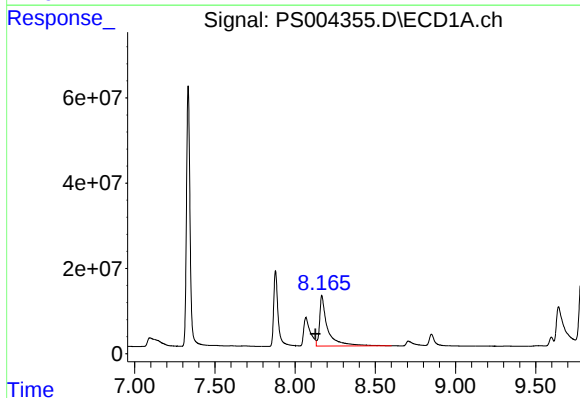
R.T.: 7.878 min
Delta R.T.: 0.028 min
Response: 333650138
Conc: 103.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-HERB-SOIL-05



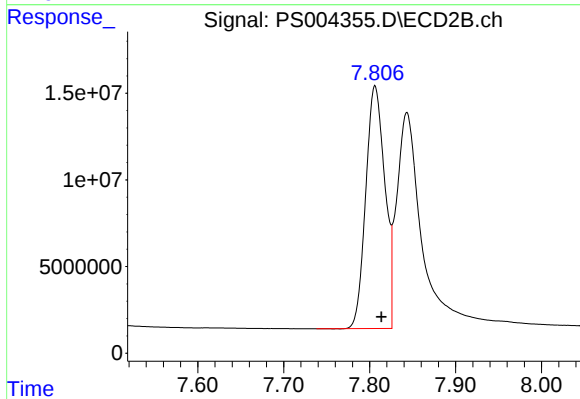
#11 2,4,5-TP (SILVEX)

R.T.: 7.441 min
Delta R.T.: 0.026 min
Response: 283995354
Conc: 108.09 ng/ml



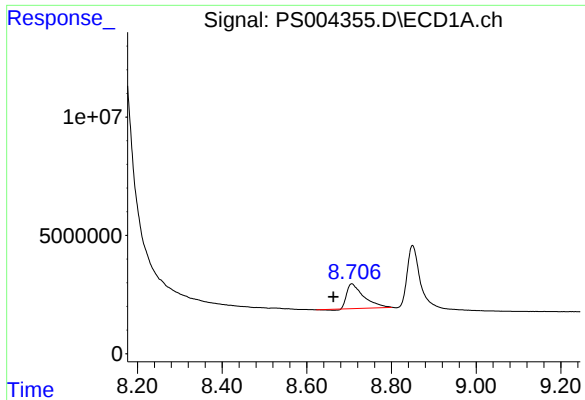
#12 2,4,5-T

R.T.: 8.168 min
Delta R.T.: 0.040 min
Response: 413530415
Conc: 121.46 ng/ml



#12 2,4,5-T

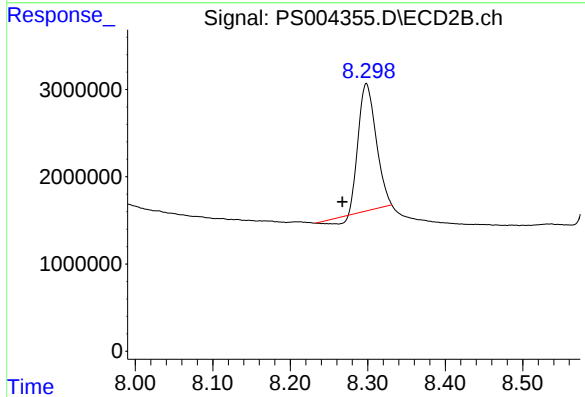
R.T.: 7.806 min
Delta R.T.: -0.007 min
Response: 215600743
Conc: 95.85 ng/ml



#13 2,4-DB

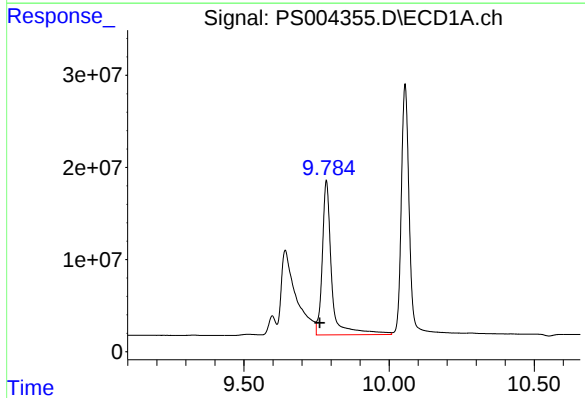
R.T.: 8.708 min
Delta R.T.: 0.045 min
Response: 28676051
Conc: 85.23 ng/ml

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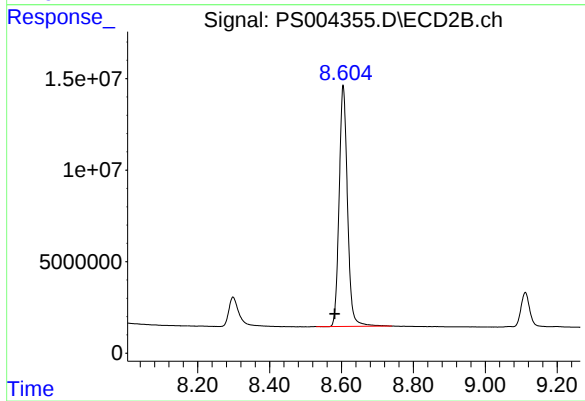
#13 2,4-DB

R.T.: 8.298 min
Delta R.T.: 0.031 min
Response: 22537379
Conc: 82.20 ng/ml



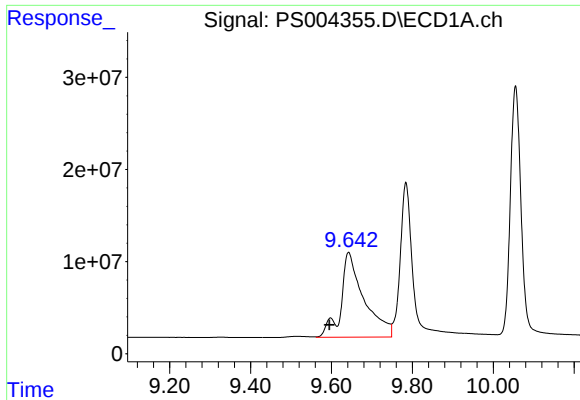
#14 DINOSEB

R.T.: 9.784 min
Delta R.T.: 0.023 min
Response: 377525338
Conc: 125.67 ng/ml



#14 DINOSEB

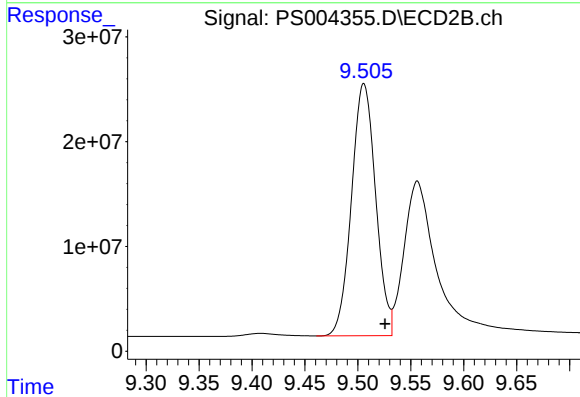
R.T.: 8.605 min
Delta R.T.: 0.023 min
Response: 211668981
Conc: 108.30 ng/ml



#15 Picloram

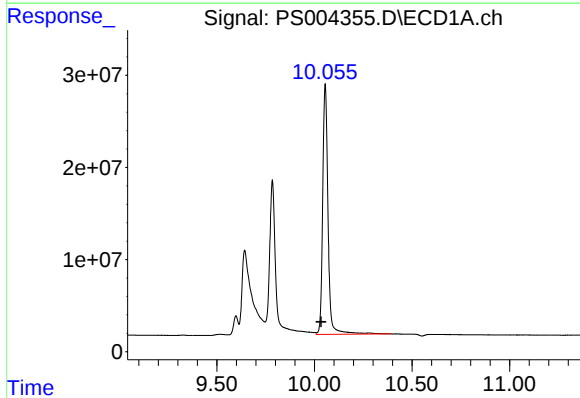
R.T.: 9.643 min
Delta R.T.: 0.049 min
Response: 365296457
Conc: 86.30 ng/ml

Instrument :
ECD_S
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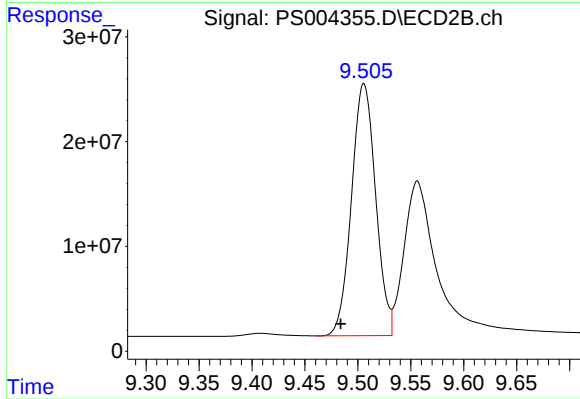
#15 Picloram

R.T.: 9.506 min
Delta R.T.: -0.020 min
Response: 381953649
Conc: 104.43 ng/ml



#16 DCPA

R.T.: 10.055 min
Delta R.T.: 0.021 min
Response: 523812899
Conc: 119.89 ng/ml



#16 DCPA

R.T.: 9.506 min
Delta R.T.: 0.022 min
Response: 381953649
Conc: 116.12 ng/ml