

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100523\
 Data File : PS024559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 17:23
 Operator : AR\AJ
 Sample : 04699-03
 Misc : (Sig #1); MDL SOIL (Sig #2)
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 18:58:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100323.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 03 14:54:54 2023
 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	6.358	6.781	1131.8E6	379.3E6	550.135	548.755
Target Compounds							
1) T	Dalapon	2.475	2.540	251.9E6	111.3E6	101.949	99.461m
2) T	3,5-DICHL...	5.733	5.968	351.3E6	110.2E6	111.995	101.400
3) T	4-Nitroph...	6.197	6.395	141.1E6	39058335	104.209m	85.628m
5) T	DICAMBA	6.499	6.943	920.8E6	273.3E6	102.648	92.296
6) T	MCPD	6.647	7.036	49153836	16579923	7.759m	8.414
7) T	MCPA	6.769	7.242	75968433	38411608	8.524m	11.987m#
8) T	DICHLORPROP	7.087	7.559	261.8E6	96124910	111.355	127.819
9) T	2,4-D	7.285	7.842	313.7E6	104.1E6	113.524	113.111
10) T	Pentachlo...	7.513	8.265	3816.5E6	1134.7E6	117.376	104.141
11) T	2,4,5-TP ...	8.034	8.624	1527.6E6	412.6E6	110.257	97.284
12) T	2,4,5-T	8.290	8.994	1425.0E6	397.9E6	109.069	96.501
13) T	2,4-DB	8.796	9.497	243.9E6	54448775	119.390	106.850
14) T	DINOSEB	9.846	9.825	1055.9E6	291.4E6	103.290	93.971
15) T	Picloram	9.674	10.777	1612.6E6	521.8E6	92.486	83.971
16) T	DCPA	10.111	10.749	1938.3E6	438.9E6	113.866m	84.122 #

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

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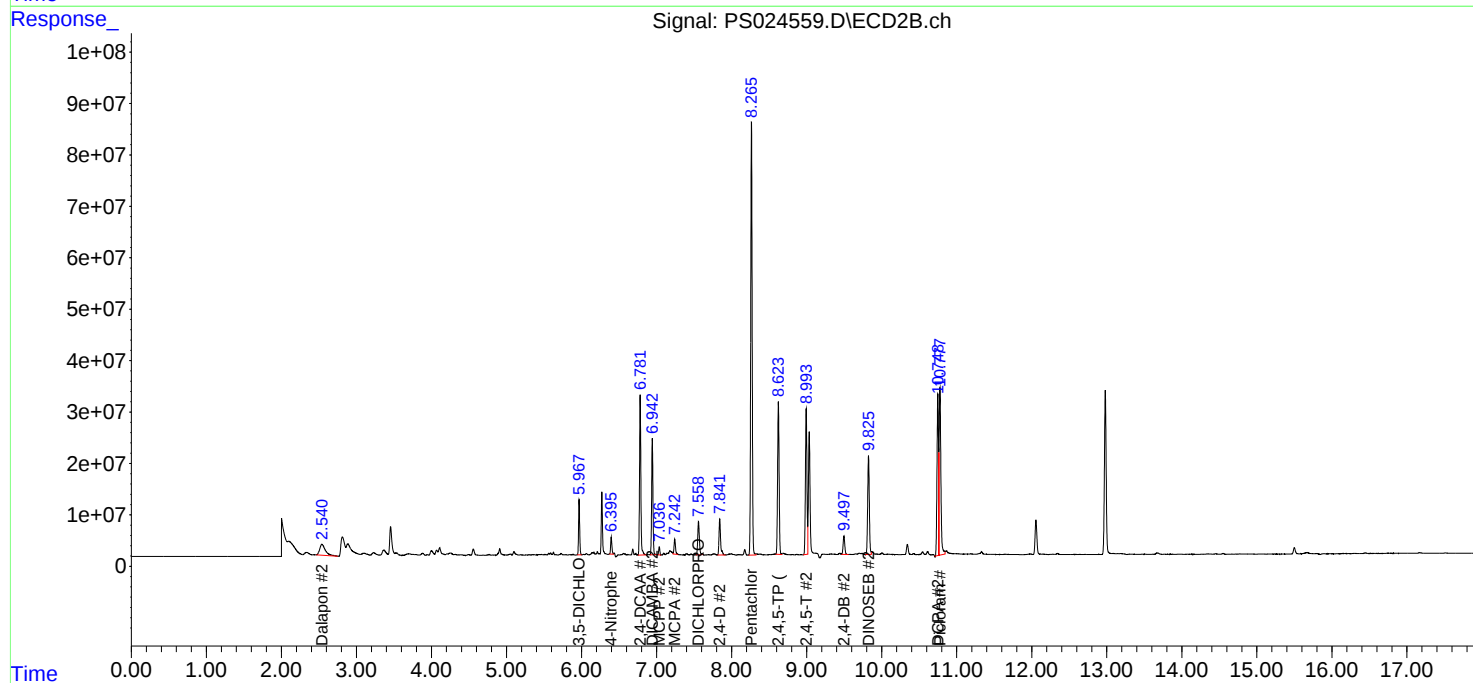
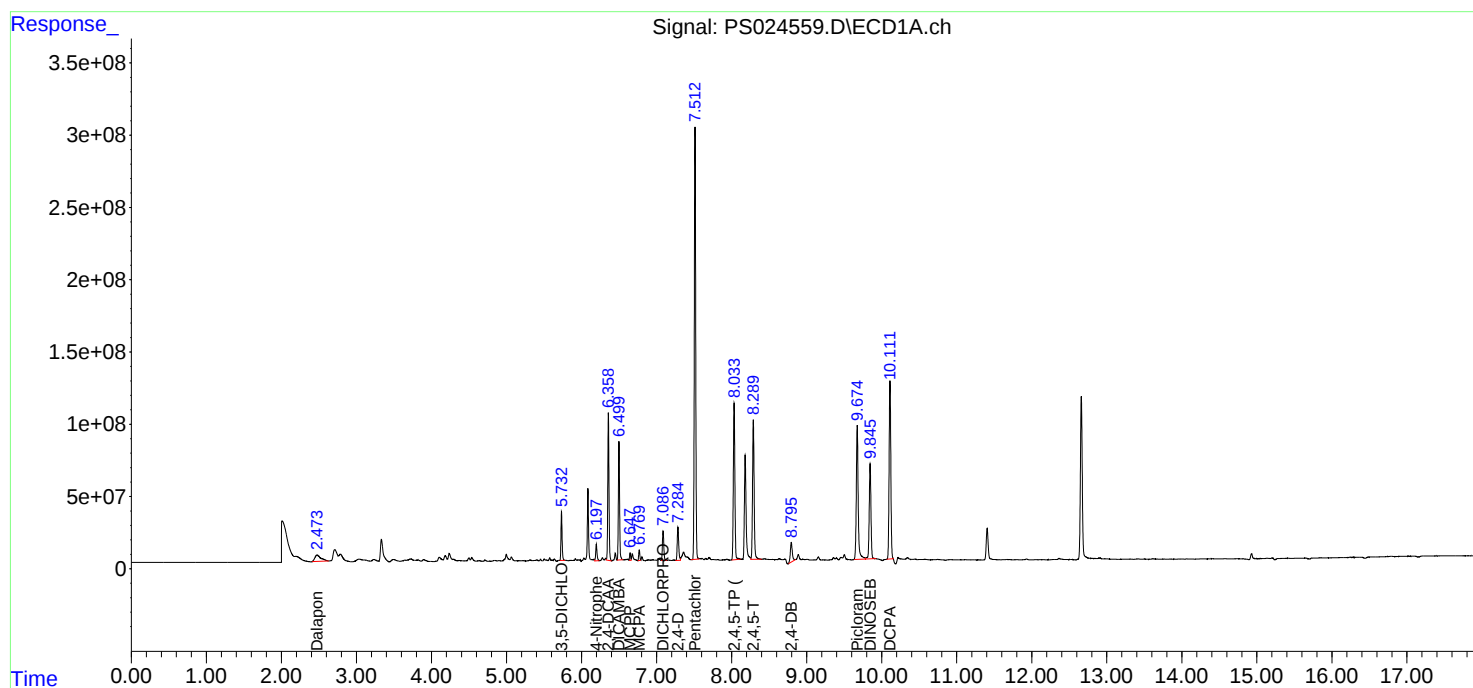
Instrument :
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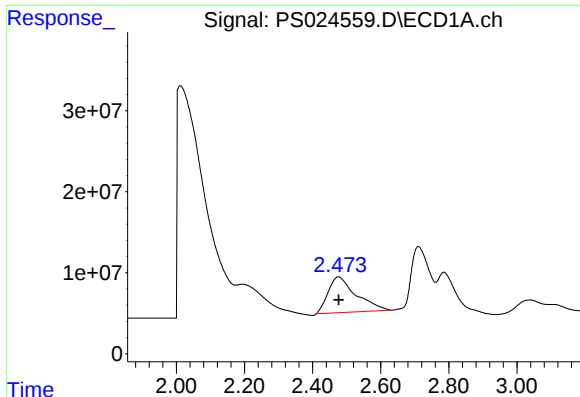
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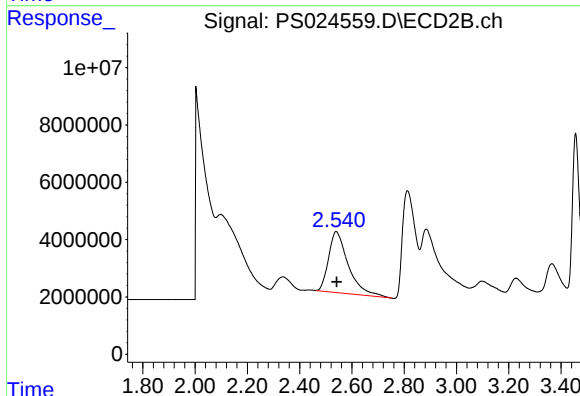
#1 Dalapon

R.T.: 2.475 min
Delta R.T.: -0.002 min
Response: 251870267
Conc: 101.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
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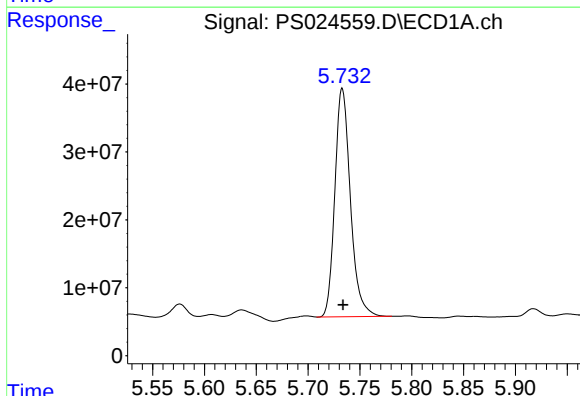
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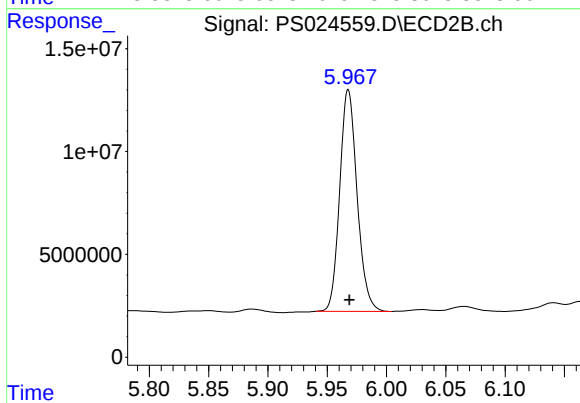
#1 Dalapon

R.T.: 2.540 min
Delta R.T.: -0.002 min
Response: 111310365
Conc: 99.46 ng/ml m



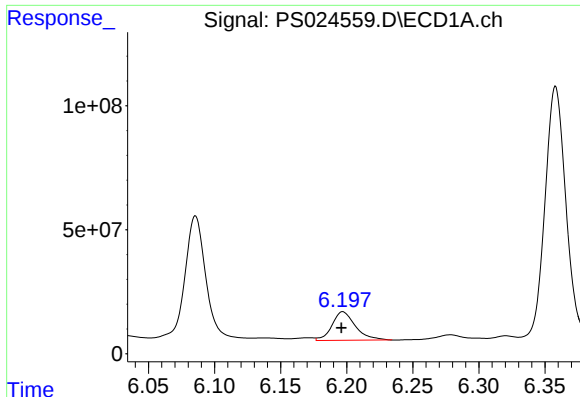
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 351303309
Conc: 111.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 110191761
Conc: 101.40 ng/ml



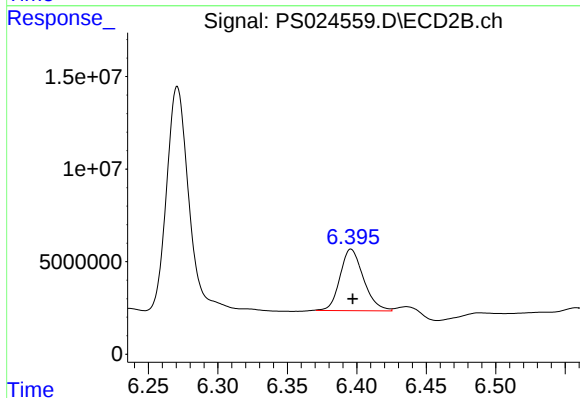
#3 4-Nitrophenol

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 141065654
Conc: 104.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2023

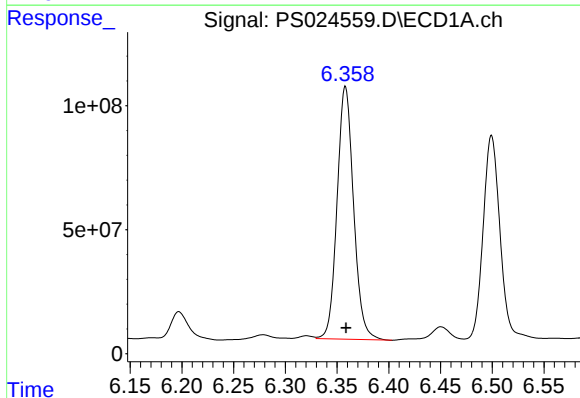
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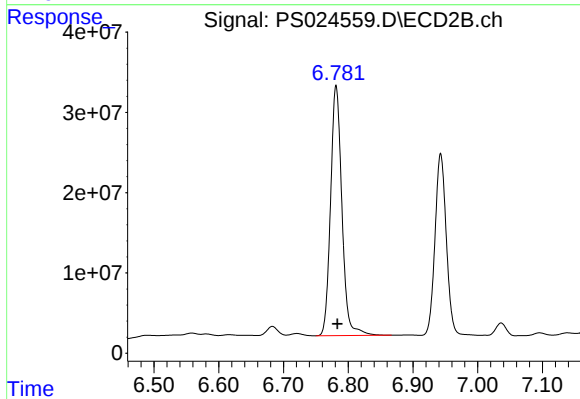
#3 4-Nitrophenol

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 39058335
Conc: 85.63 ng/ml m



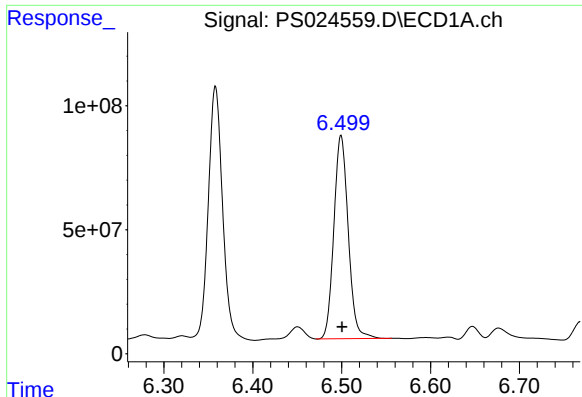
#4 2,4-DCAA

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 1131809371
Conc: 550.14 ng/ml



#4 2,4-DCAA

R.T.: 6.781 min
Delta R.T.: -0.002 min
Response: 379348811
Conc: 548.75 ng/ml



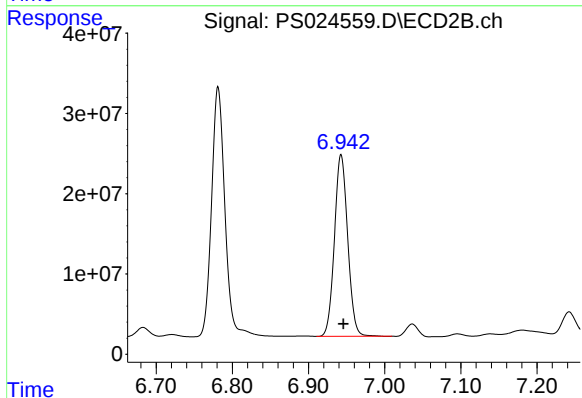
#5 DICAMBA

R.T.: 6.499 min
Delta R.T.: -0.001 min
Response: 920817933
Conc: 102.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2023

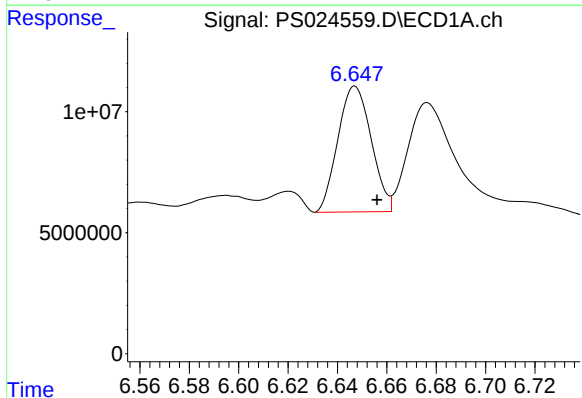
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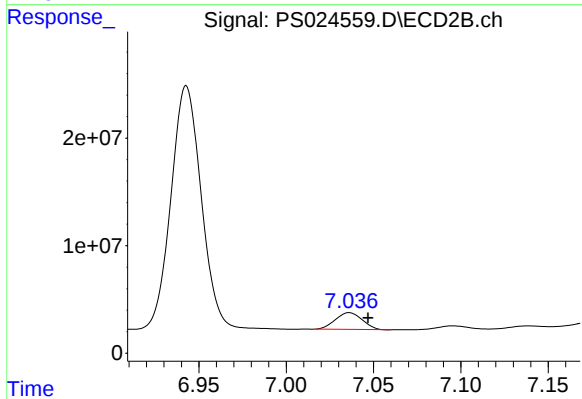
#5 DICAMBA

R.T.: 6.943 min
Delta R.T.: -0.003 min
Response: 273317064
Conc: 92.30 ng/ml



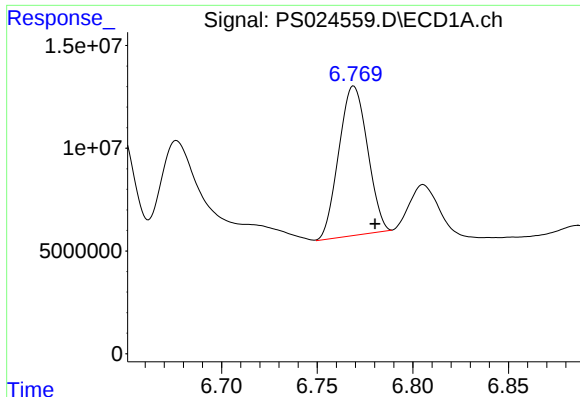
#6 MCPP

R.T.: 6.647 min
Delta R.T.: -0.009 min
Response: 49153836
Conc: 7.76 ug/ml m



#6 MCPP

R.T.: 7.036 min
Delta R.T.: -0.011 min
Response: 16579923
Conc: 8.41 ug/ml



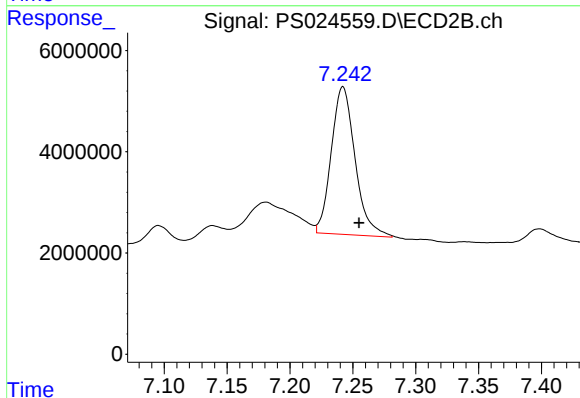
#7 MCPA

R.T.: 6.769 min
Delta R.T.: -0.012 min
Response: 75968433
Conc: 8.52 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2023

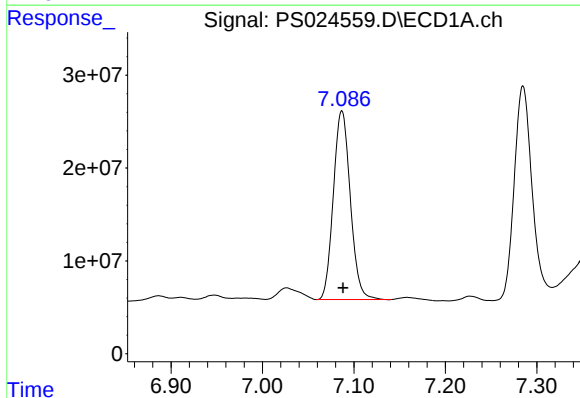
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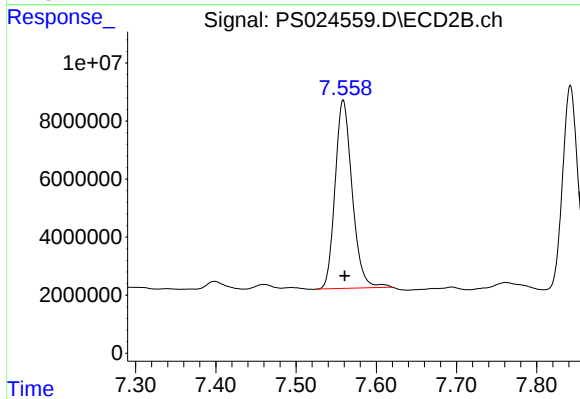
#7 MCPA

R.T.: 7.242 min
Delta R.T.: -0.013 min
Response: 38411608
Conc: 11.99 ug/ml m



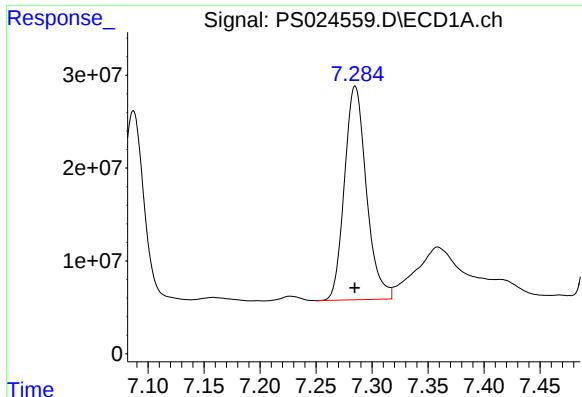
#8 DICHLORPROP

R.T.: 7.087 min
Delta R.T.: -0.001 min
Response: 261772196
Conc: 111.36 ng/ml



#8 DICHLORPROP

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 96124910
Conc: 127.82 ng/ml



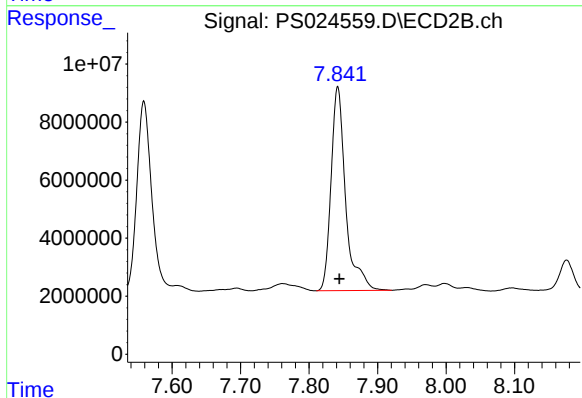
#9 2,4-D

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 313665941
Conc: 113.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2023

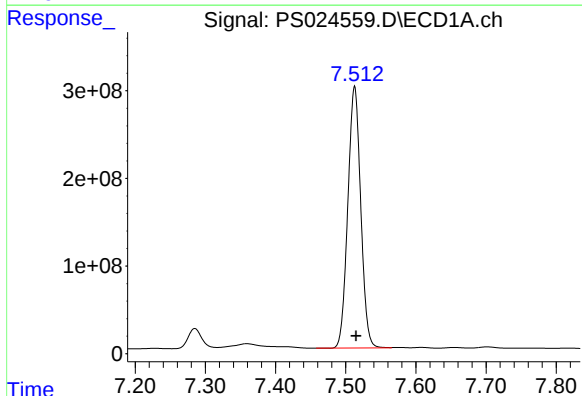
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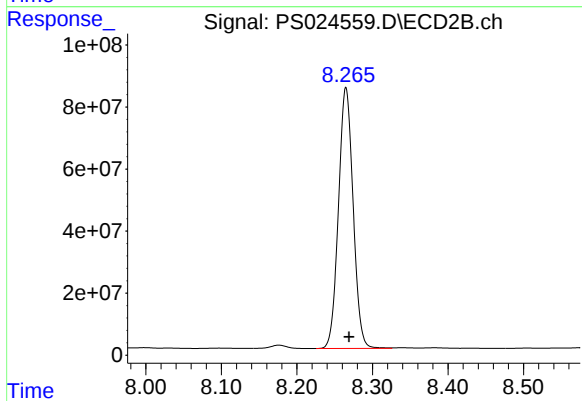
#9 2,4-D

R.T.: 7.842 min
Delta R.T.: -0.002 min
Response: 104114316
Conc: 113.11 ng/ml



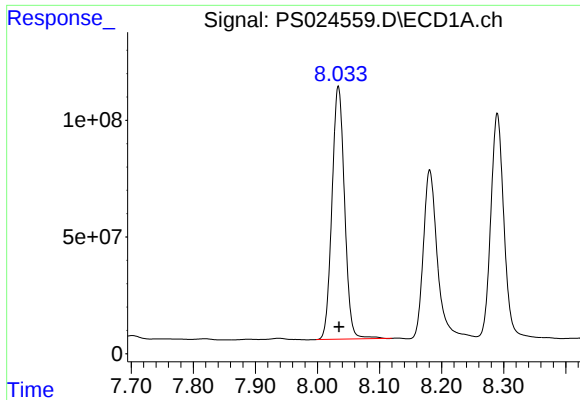
#10 Pentachlorophenol

R.T.: 7.513 min
Delta R.T.: -0.002 min
Response: 3816468551
Conc: 117.38 ng/ml



#10 Pentachlorophenol

R.T.: 8.265 min
Delta R.T.: -0.004 min
Response: 1134742821
Conc: 104.14 ng/ml



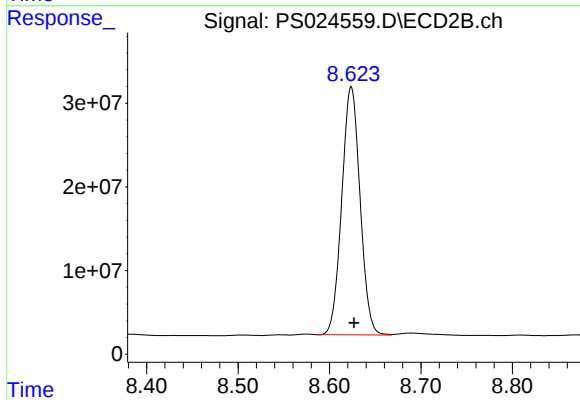
#11 2,4,5-TP (SILVEX)

R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 1527618959
Conc: 110.26 ng/ml

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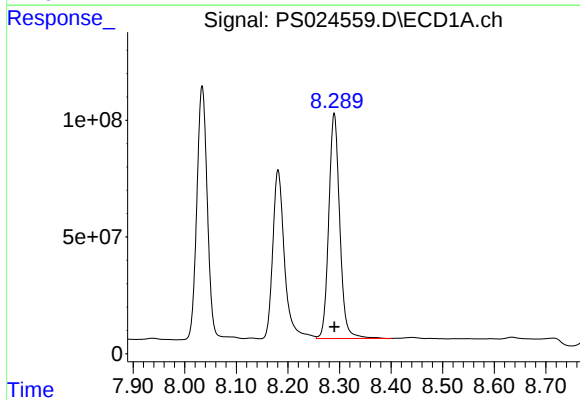
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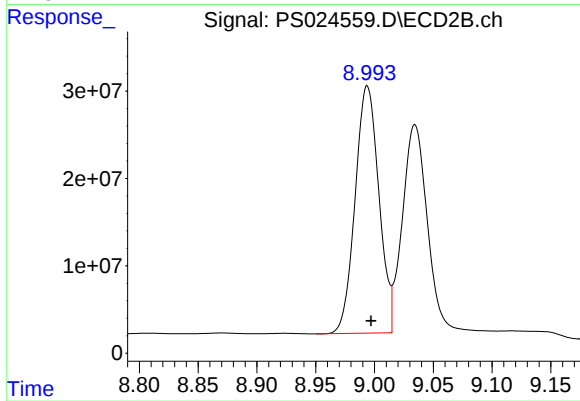
#11 2,4,5-TP (SILVEX)

R.T.: 8.624 min
Delta R.T.: -0.003 min
Response: 412589062
Conc: 97.28 ng/ml



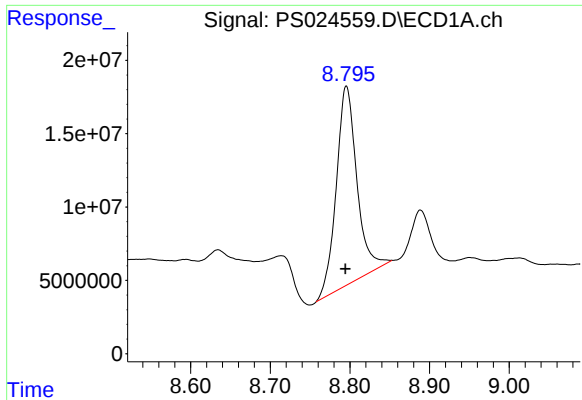
#12 2,4,5-T

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 1425013861
Conc: 109.07 ng/ml



#12 2,4,5-T

R.T.: 8.994 min
Delta R.T.: -0.003 min
Response: 397922272
Conc: 96.50 ng/ml



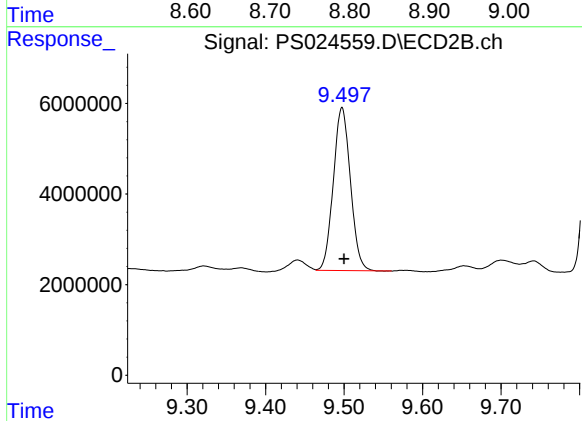
#13 2,4-DB

R.T.: 8.796 min
Delta R.T.: 0.001 min
Response: 243908116
Conc: 119.39 ng/ml

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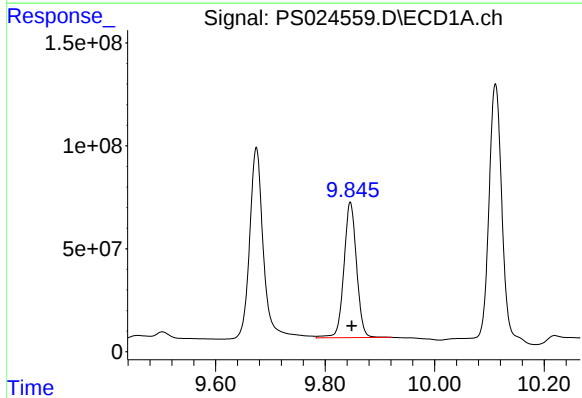
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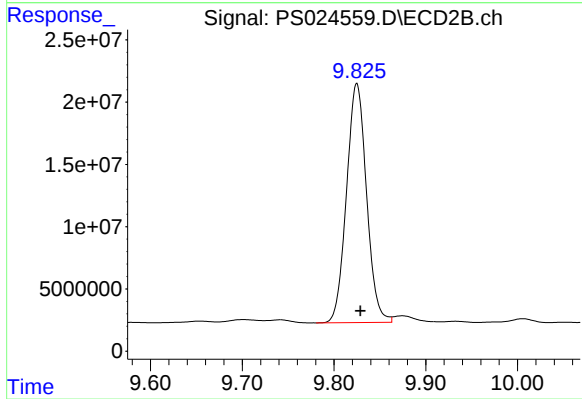
#13 2,4-DB

R.T.: 9.497 min
Delta R.T.: -0.003 min
Response: 54448775
Conc: 106.85 ng/ml



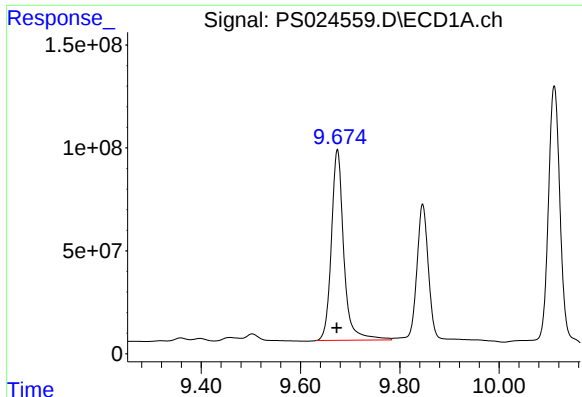
#14 DINOSEB

R.T.: 9.846 min
Delta R.T.: -0.003 min
Response: 1055889197
Conc: 103.29 ng/ml



#14 DINOSEB

R.T.: 9.825 min
Delta R.T.: -0.004 min
Response: 291406994
Conc: 93.97 ng/ml



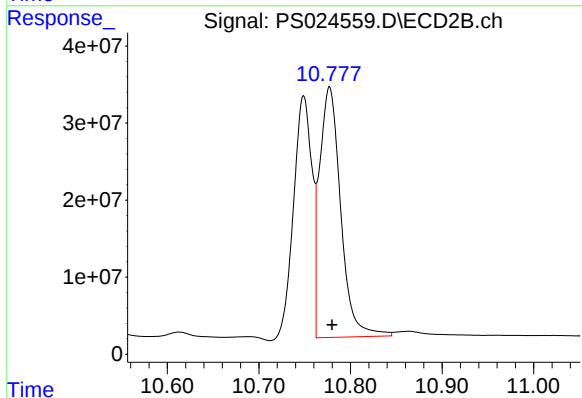
#15 Picloram

R.T.: 9.674 min
Delta R.T.: 0.001 min
Response: 1612618492
Conc: 92.49 ng/ml

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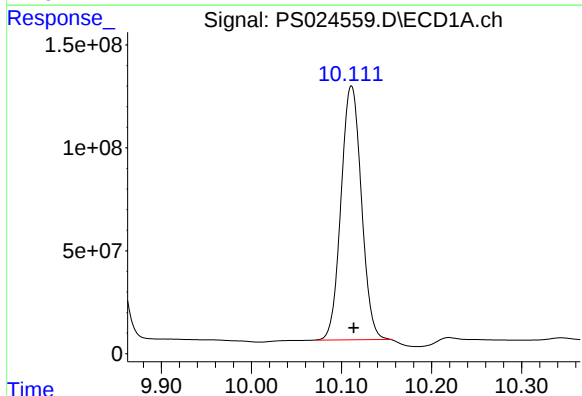
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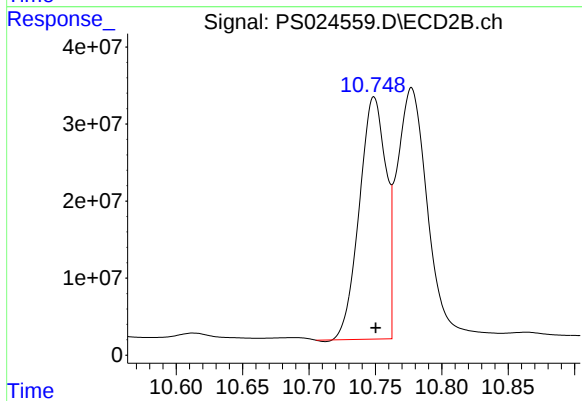
#15 Picloram

R.T.: 10.777 min
Delta R.T.: -0.003 min
Response: 521830390
Conc: 83.97 ng/ml



#16 DCPA

R.T.: 10.111 min
Delta R.T.: -0.003 min
Response: 1938308949
Conc: 113.87 ng/ml m



#16 DCPA

R.T.: 10.749 min
Delta R.T.: -0.001 min
Response: 438903665
Conc: 84.12 ng/ml