

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101619\
 Data File : PS007182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2019 09:38
 Operator : SM\AJ
 Sample : K5111-03
 Misc : MDL 100 PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 11:31:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101419.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 14 13:54:23 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	5.445	5.174	376.9E6	218.0E6	275.405	310.024m
Target Compounds							
1) T	Dalapon	2.018	1.729	158.2E6	73149122	94.548m	80.383
2) T	3,5-DICHL...	4.827	4.487	132.3E6	80062538	78.713	93.049
3) T	4-Nitroph...	5.350	4.887	26220022	26426197	43.666m	66.920 #
5) T	DICAMBA	5.593	5.300	421.7E6	239.9E6	85.824	92.181
6) T	MCPD	5.737	5.378	20815766	12378015	5.906	6.526m
7) T	MCPA	5.868	5.552	30683913	21982157	5.949	7.561 #
8) T	DICHLORPROP	6.222	5.835	103.6E6	62283855	88.348	95.642
9) T	2,4-D	6.482	6.114	84372318	73786044	68.465m	92.487 #
10) T	Pentachlo...	6.687	6.461	1820.6E6	1037.0E6	101.983	107.838
11) T	2,4,5-TP ...	7.225	6.827	658.3E6	368.2E6	94.447	96.793
12) T	2,4,5-T	7.509	7.190	719.7E6	291.0E6	94.141	83.044
13) T	2,4-DB	8.041	7.675	51006318	40288622	53.496	85.959m#
14) T	DINOSB	9.100	7.975	605.4E6	285.9E6	104.031	101.837
15) T	Picloram	8.958	8.918	940.8E6	648.1E6	85.235m	105.545
16) T	DCPA	9.373	8.867	916.5E6	534.6E6	102.349	106.613

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

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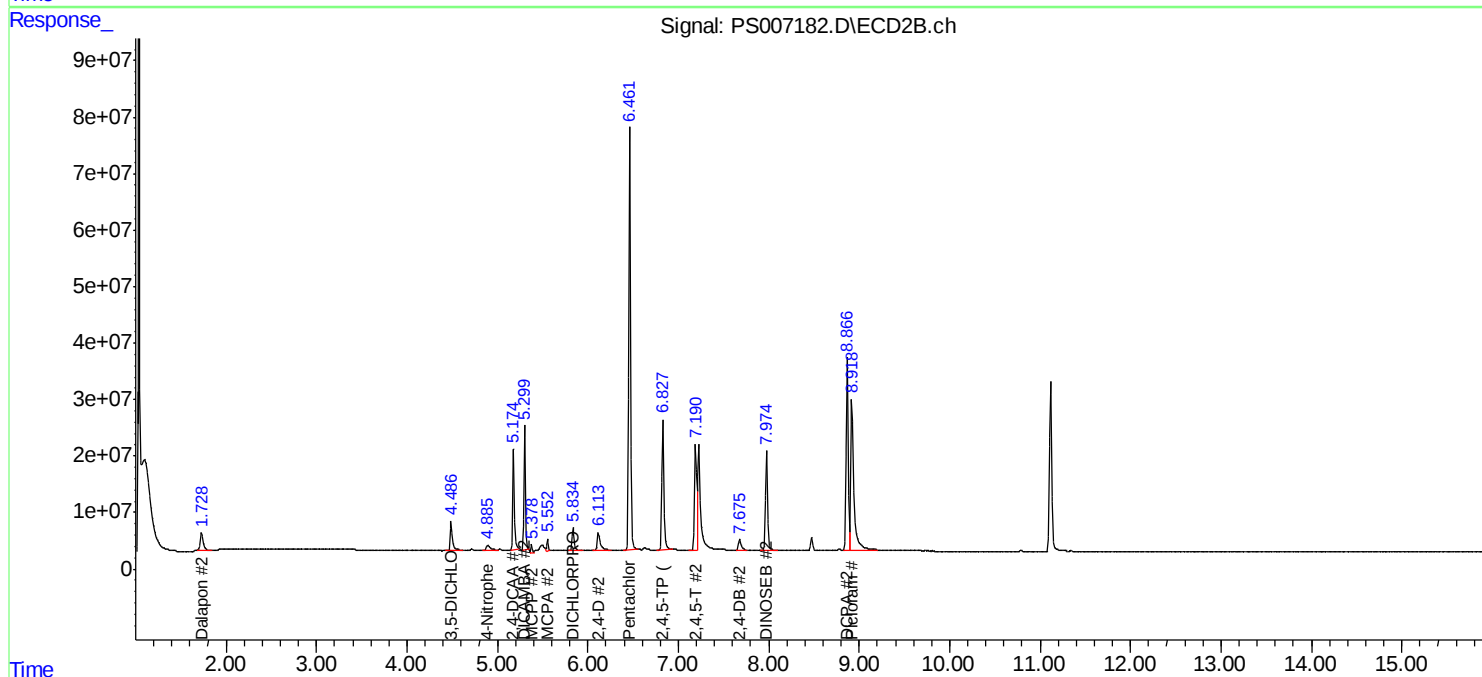
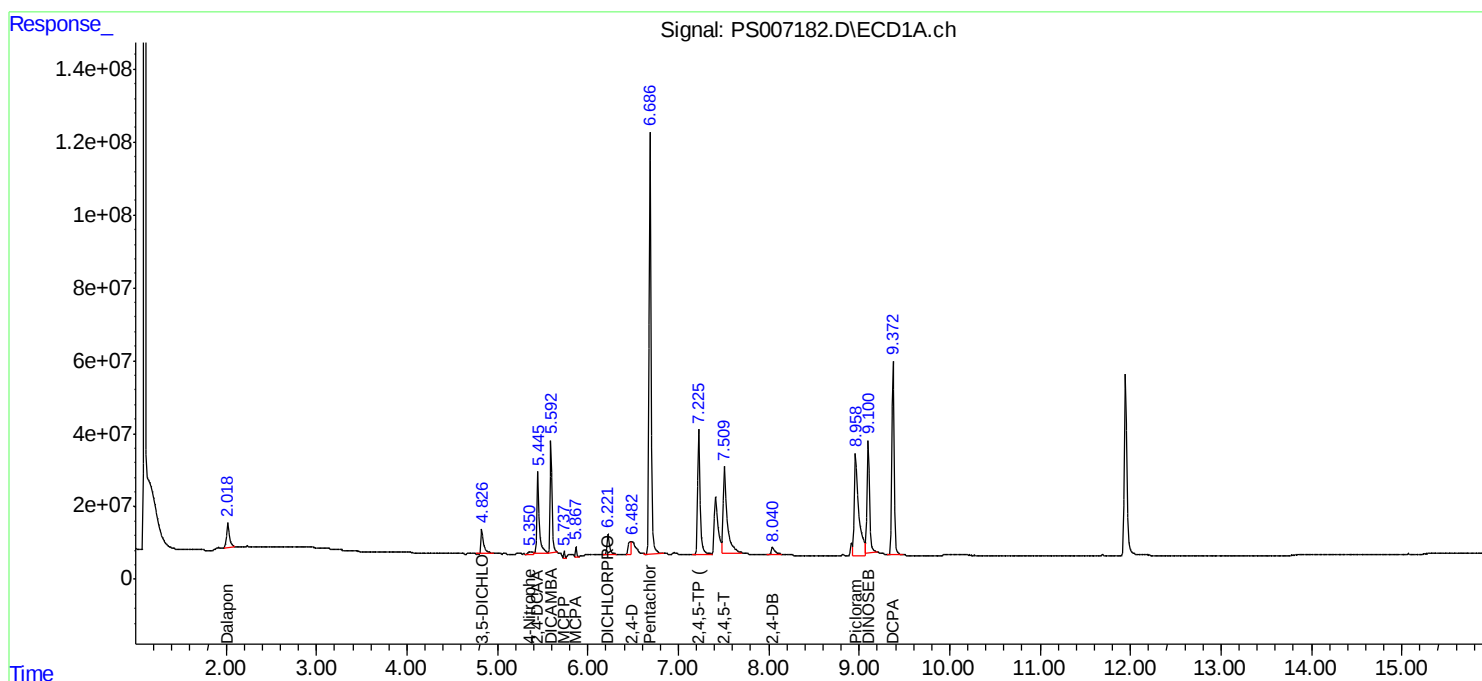
Instrument :
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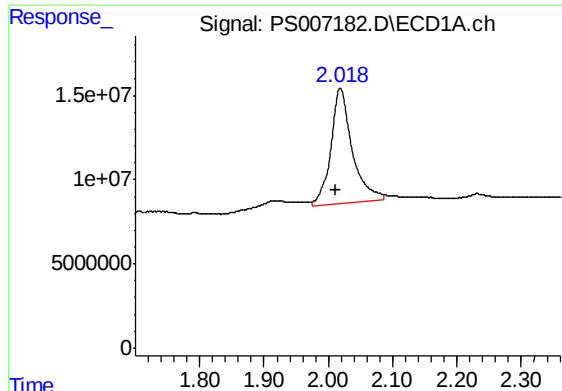
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Integration File signal 1: autoint1.e
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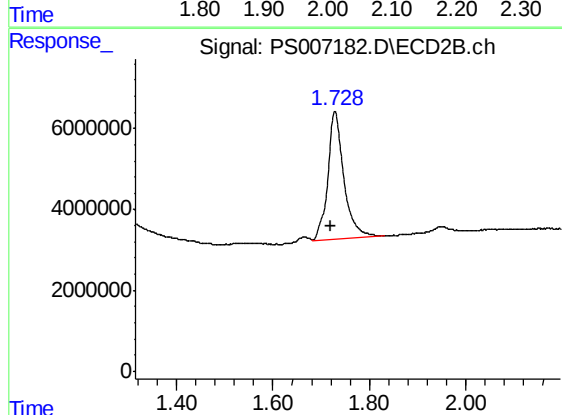
#1 Dalapon

R.T.: 2.018 min
Delta R.T.: 0.007 min
Response: 158205632
Conc: 94.55 ng/ml m

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

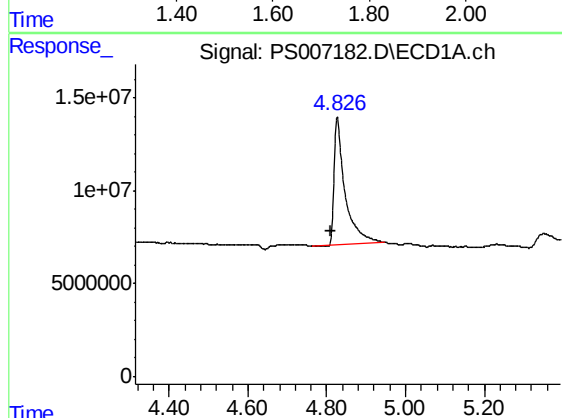
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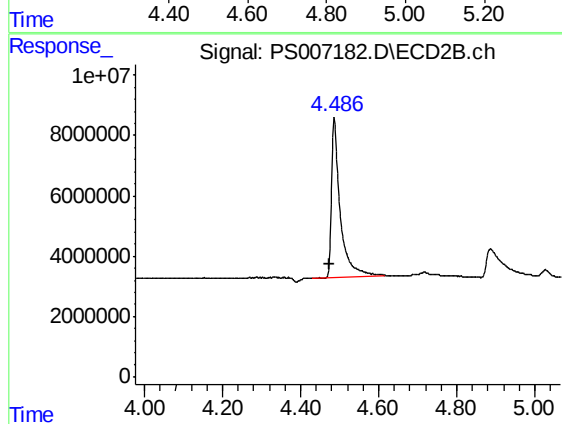
#1 Dalapon

R.T.: 1.729 min
Delta R.T.: 0.008 min
Response: 73149122
Conc: 80.38 ng/ml



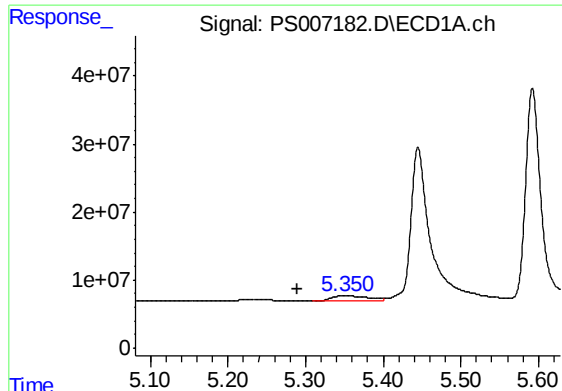
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.827 min
Delta R.T.: 0.017 min
Response: 132266175
Conc: 78.71 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.487 min
Delta R.T.: 0.012 min
Response: 80062538
Conc: 93.05 ng/ml



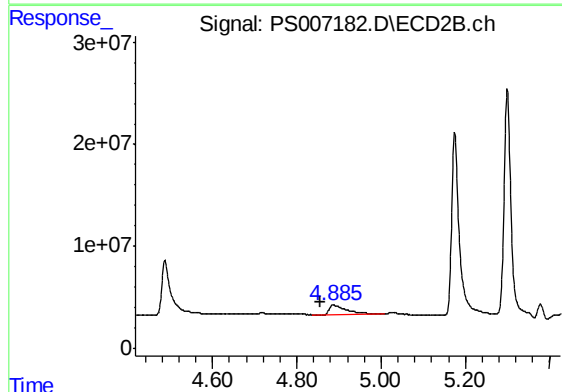
#3 4-Nitrophenol

R.T.: 5.350 min
Delta R.T.: 0.060 min
Response: 26220022
Conc: 43.67 ng/ml m

Instrument :
ECD_S
ClientSampleId :
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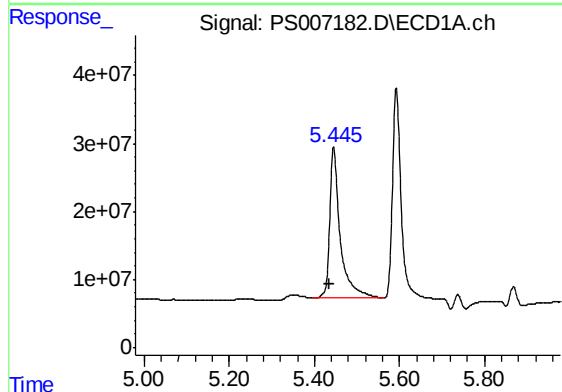
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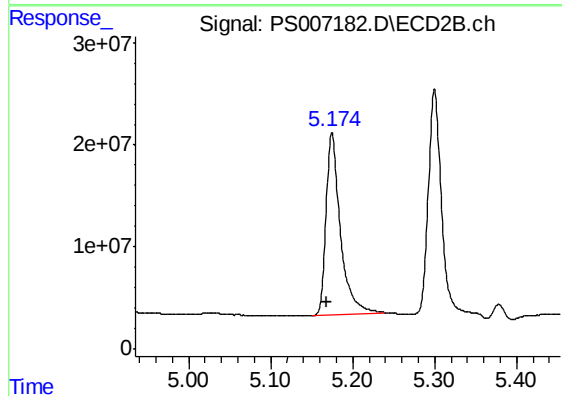
#3 4-Nitrophenol

R.T.: 4.887 min
Delta R.T.: 0.030 min
Response: 26426197
Conc: 66.92 ng/ml



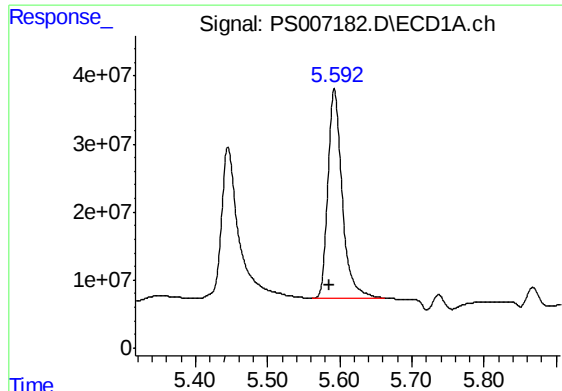
#4 2,4-DCAA

R.T.: 5.445 min
Delta R.T.: 0.010 min
Response: 376937605
Conc: 275.40 ng/ml



#4 2,4-DCAA

R.T.: 5.174 min
Delta R.T.: 0.006 min
Response: 218042079
Conc: 310.02 ng/ml m



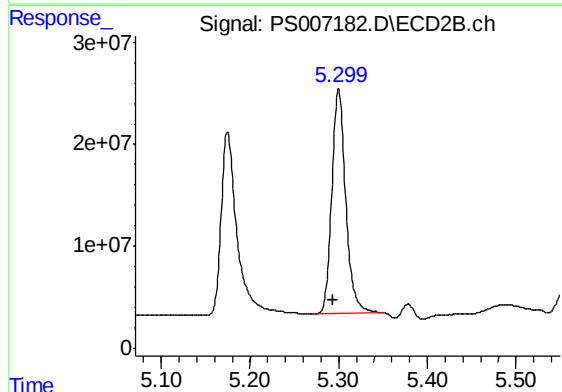
#5 DICAMBA

R.T.: 5.593 min
Delta R.T.: 0.007 min
Response: 421688100
Conc: 85.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

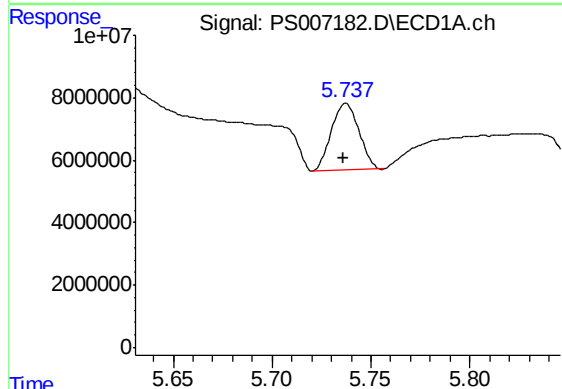
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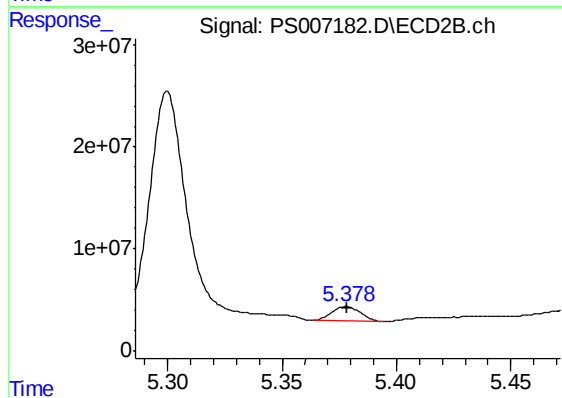
#5 DICAMBA

R.T.: 5.300 min
Delta R.T.: 0.006 min
Response: 239864338
Conc: 92.18 ng/ml



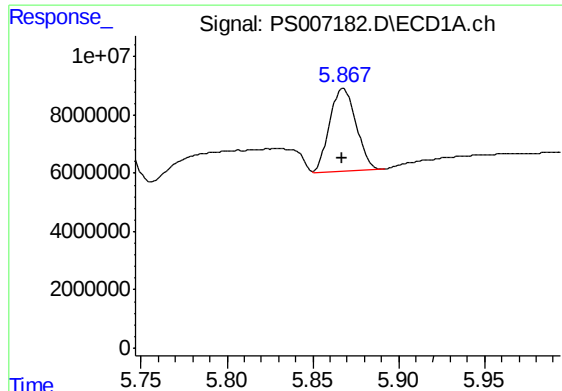
#6 MCPP

R.T.: 5.737 min
Delta R.T.: 0.001 min
Response: 20815766
Conc: 5.91 ug/ml



#6 MCPP

R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 12378015
Conc: 6.53 ug/ml m



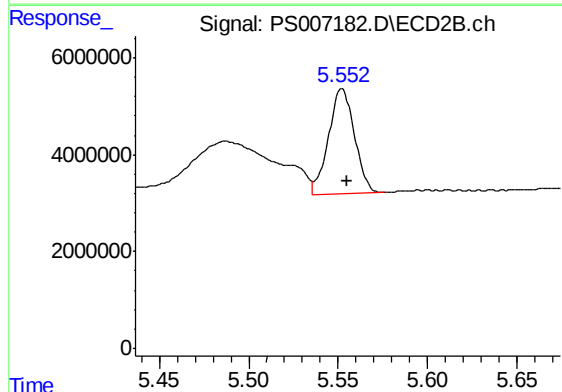
#7 MCPA

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 30683913
Conc: 5.95 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

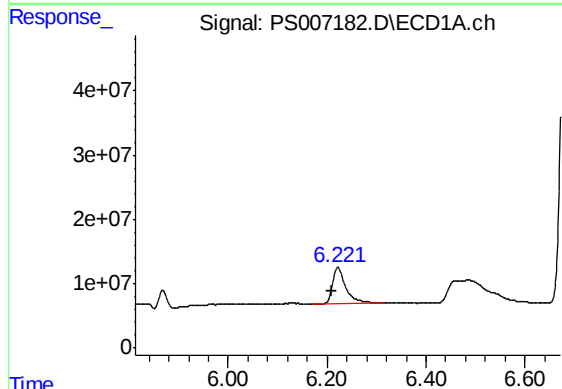
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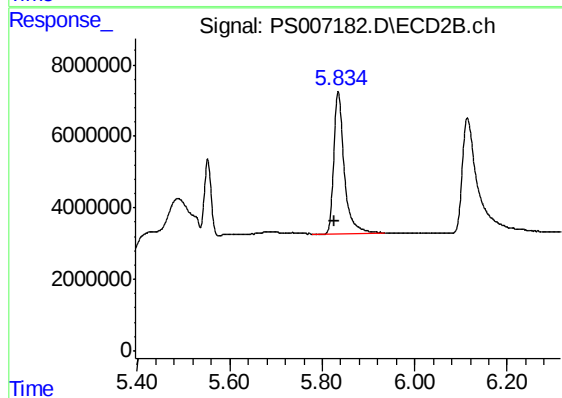
#7 MCPA

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 21982157
Conc: 7.56 ug/ml



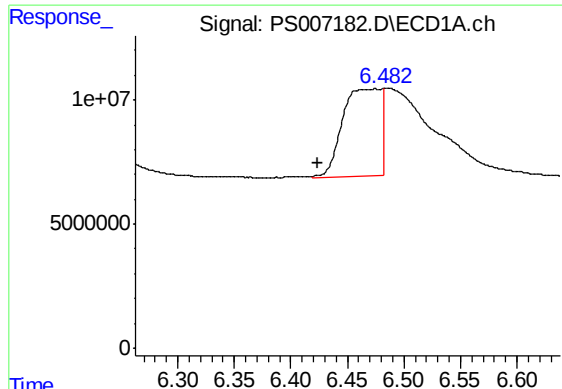
#8 DICHLORPROP

R.T.: 6.222 min
Delta R.T.: 0.012 min
Response: 103564725
Conc: 88.35 ng/ml



#8 DICHLORPROP

R.T.: 5.835 min
Delta R.T.: 0.008 min
Response: 62283855
Conc: 95.64 ng/ml



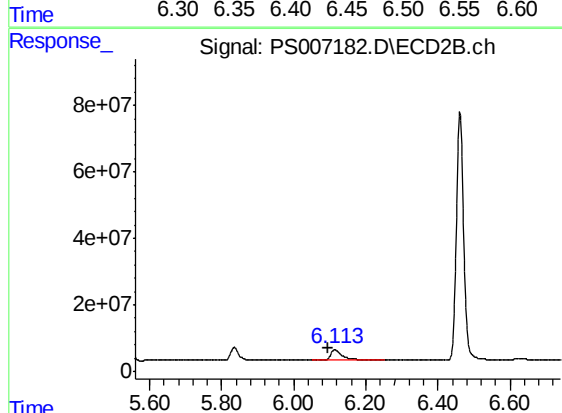
#9 2,4-D

R.T.: 6.482 min
Delta R.T.: 0.058 min
Response: 84372318
Conc: 68.47 ng/ml m

Instrument :
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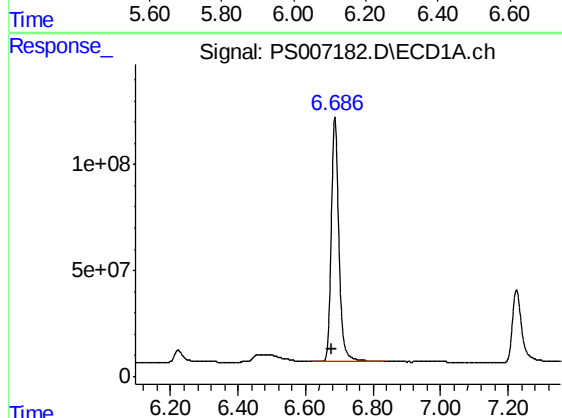
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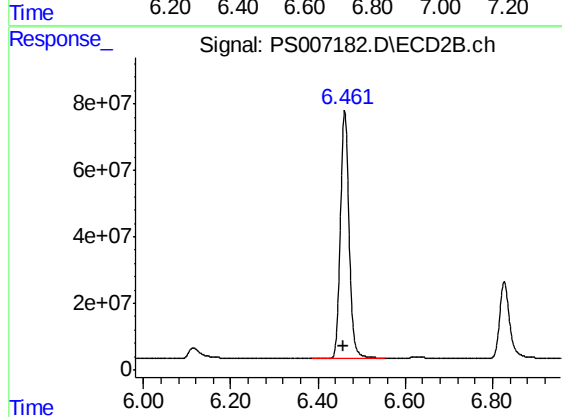
#9 2,4-D

R.T.: 6.114 min
Delta R.T.: 0.019 min
Response: 73786044
Conc: 92.49 ng/ml



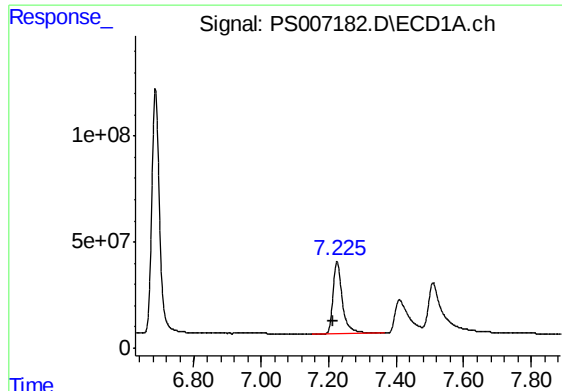
#10 Pentachlorophenol

R.T.: 6.687 min
Delta R.T.: 0.007 min
Response: 1820619924
Conc: 101.98 ng/ml



#10 Pentachlorophenol

R.T.: 6.461 min
Delta R.T.: 0.004 min
Response: 1037016128
Conc: 107.84 ng/ml



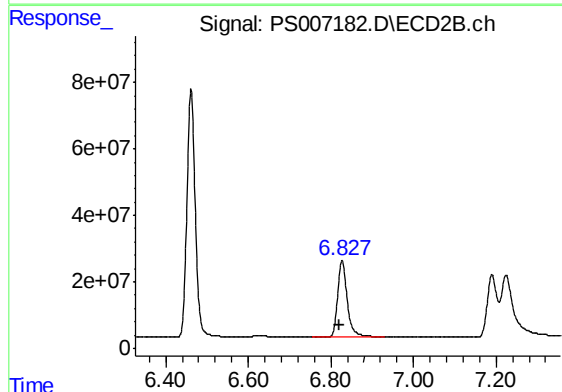
#11 2,4,5-TP (SILVEX)

R.T.: 7.225 min
Delta R.T.: 0.011 min
Response: 658264830
Conc: 94.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

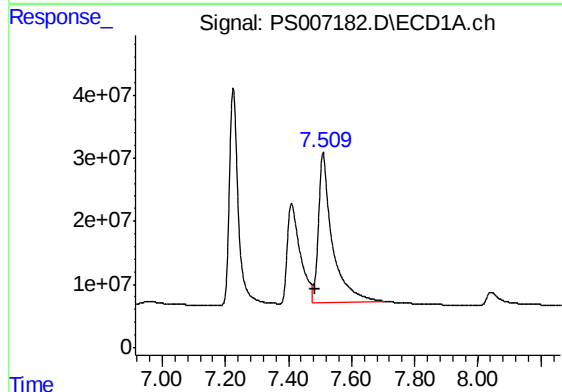
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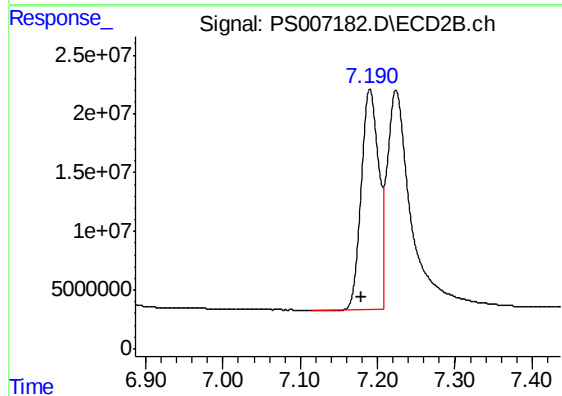
#11 2,4,5-TP (SILVEX)

R.T.: 6.827 min
Delta R.T.: 0.007 min
Response: 368161294
Conc: 96.79 ng/ml



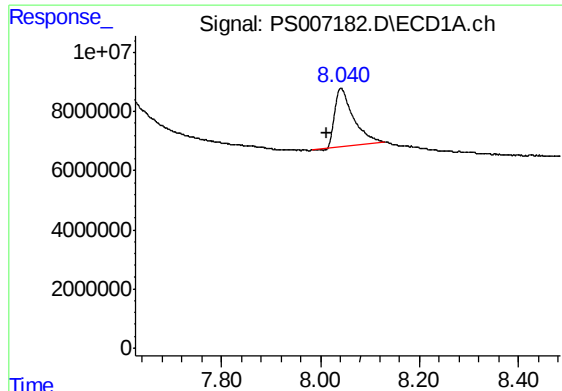
#12 2,4,5-T

R.T.: 7.509 min
Delta R.T.: 0.023 min
Response: 719685661
Conc: 94.14 ng/ml



#12 2,4,5-T

R.T.: 7.190 min
Delta R.T.: 0.012 min
Response: 290954759
Conc: 83.04 ng/ml



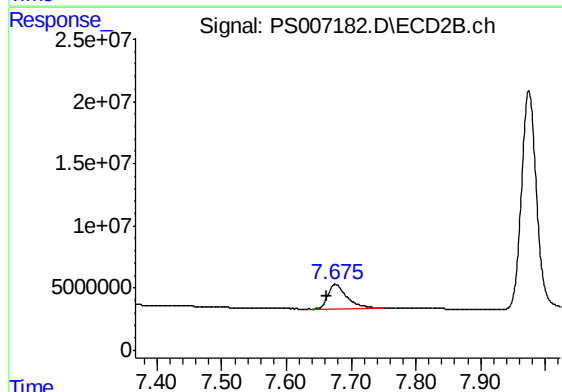
#13 2,4-DB

R.T.: 8.041 min
Delta R.T.: 0.028 min
Response: 51006318
Conc: 53.50 ng/ml

Instrument :
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ClientSampleId :
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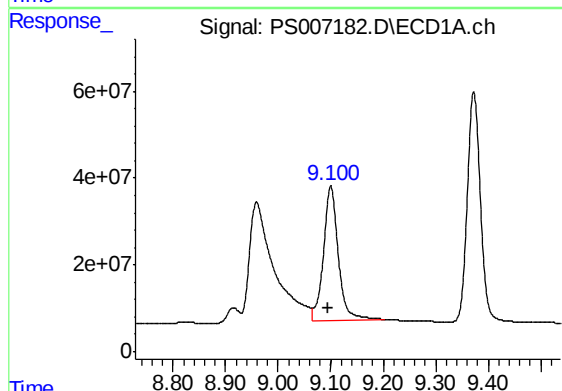
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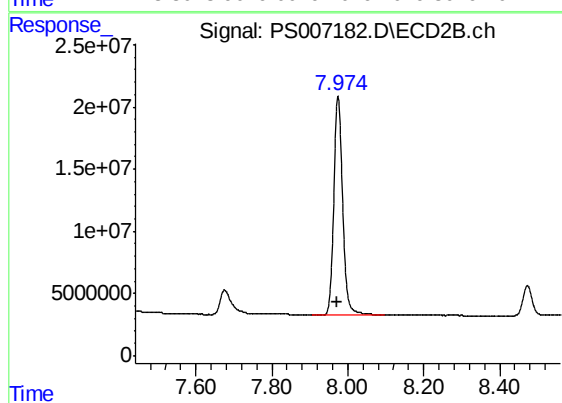
#13 2,4-DB

R.T.: 7.675 min
Delta R.T.: 0.012 min
Response: 40288622
Conc: 85.96 ng/ml m



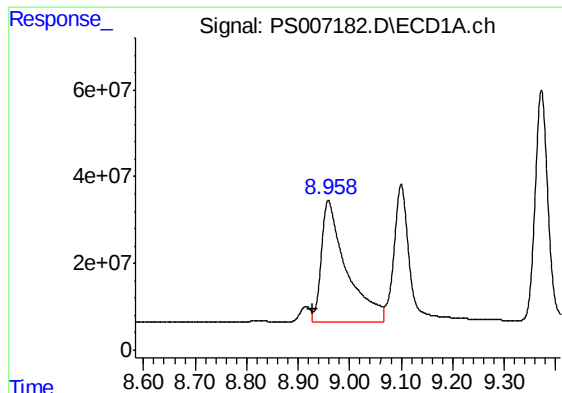
#14 DINOSEB

R.T.: 9.100 min
Delta R.T.: 0.005 min
Response: 605374615
Conc: 104.03 ng/ml



#14 DINOSEB

R.T.: 7.975 min
Delta R.T.: 0.004 min
Response: 285894462
Conc: 101.84 ng/ml



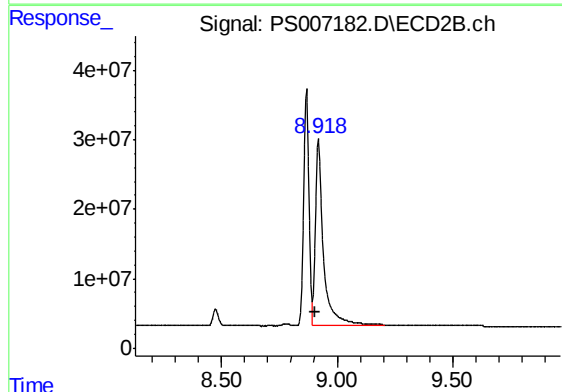
#15 Picloram

R.T.: 8.958 min
Delta R.T.: 0.029 min
Response: 940766343
Conc: 85.24 ng/ml m

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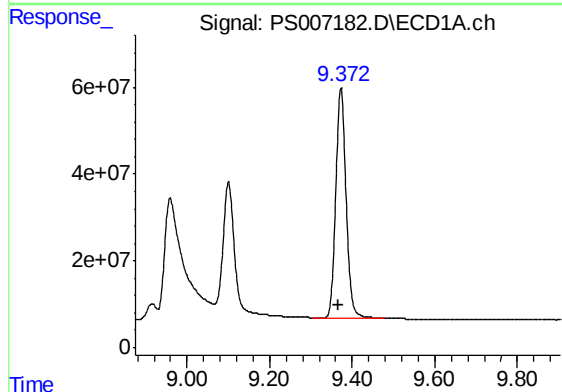
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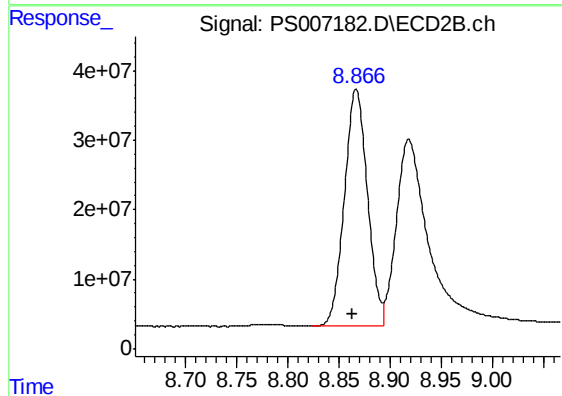
#15 Picloram

R.T.: 8.918 min
Delta R.T.: 0.014 min
Response: 648064955
Conc: 105.55 ng/ml



#16 DCPA

R.T.: 9.373 min
Delta R.T.: 0.005 min
Response: 916467733
Conc: 102.35 ng/ml



#16 DCPA

R.T.: 8.867 min
Delta R.T.: 0.004 min
Response: 534626586
Conc: 106.61 ng/ml