

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101419\
 Data File : PS007132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2019 15:44
 Operator : SM\AJ
 Sample : K5111-01
 Misc : LOD 100 PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 17:44:42 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	5.444	5.172	434.6E6	263.2E6	317.513	374.234
Target Compounds							
1) T	Dalapon	2.014	1.722	159.6E6	78208777	95.397	85.943
2) T	3,5-DICHL...	4.824	4.483	144.7E6	81004259	86.095	94.144
3) T	4-Nitroph...	0.000	4.877	0	33110897	N.D.	83.847
5) T	DICAMBA	5.593	5.298	441.1E6	258.5E6	89.774	99.328
6) T	MCPD	5.737	5.377	20686480	15161416	5.869	7.993 #
7) T	MCPA	5.869	5.552	49159182	30361580	9.531	10.444
8) T	DICHLORPROP	6.222	5.834	105.4E6	67007725	89.891	102.896
9) T	2,4-D	6.461	6.111	232.6E6	79413531	188.749	99.541 #
10) T	Pentachlo...	6.688	6.462	1803.3E6	1046.4E6	101.016	108.817
11) T	2,4,5-TP ...	7.226	6.828	643.5E6	379.5E6	92.324	99.776
12) T	2,4,5-T	7.510	7.190	708.0E6	298.9E6	92.618	85.309
13) T	2,4-DB	8.041	7.675	61392234	43018724	64.389	91.784 #
14) T	DINOSEB	9.101	7.976	649.8E6	275.1E6	111.666	97.995
15) T	Picloram	8.916	8.918	59360197	620.7E6	5.378	101.087 #
16) T	DCPA	9.374	8.867	963.8E6	522.9E6	107.632	104.272

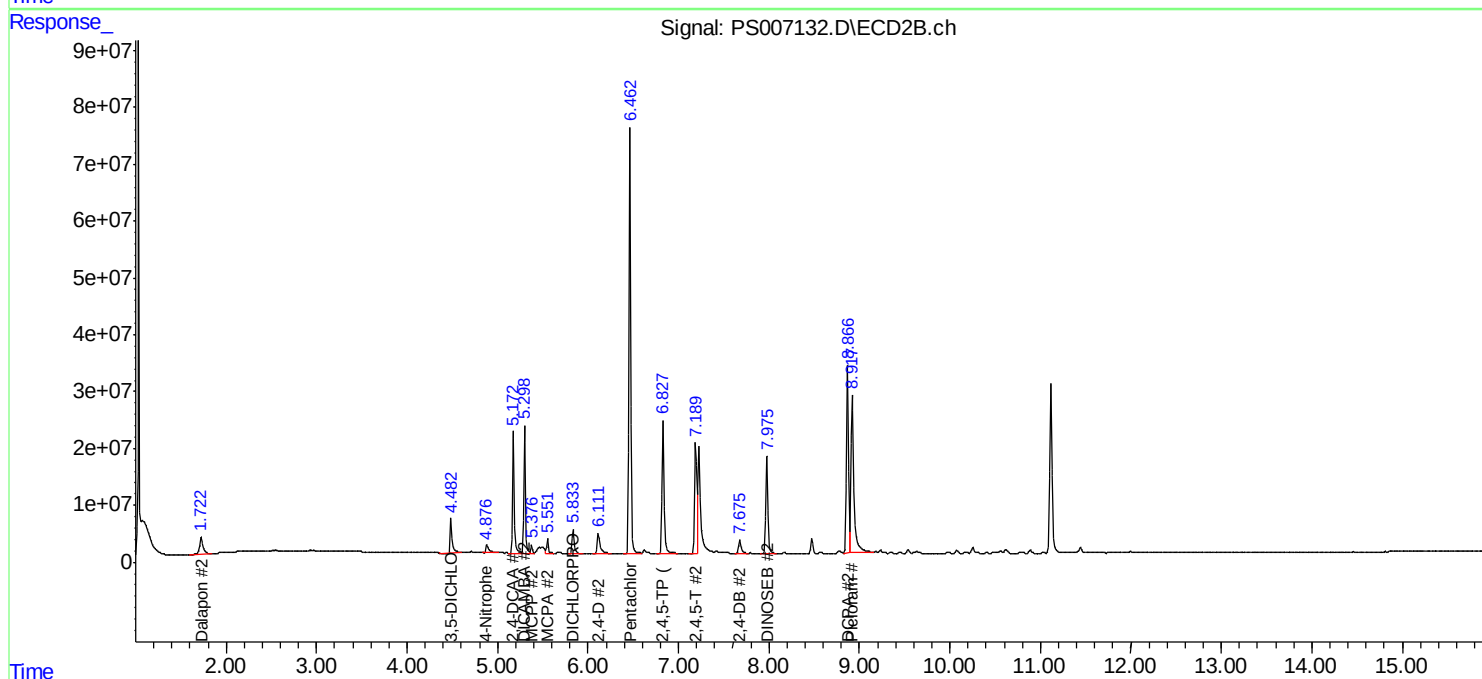
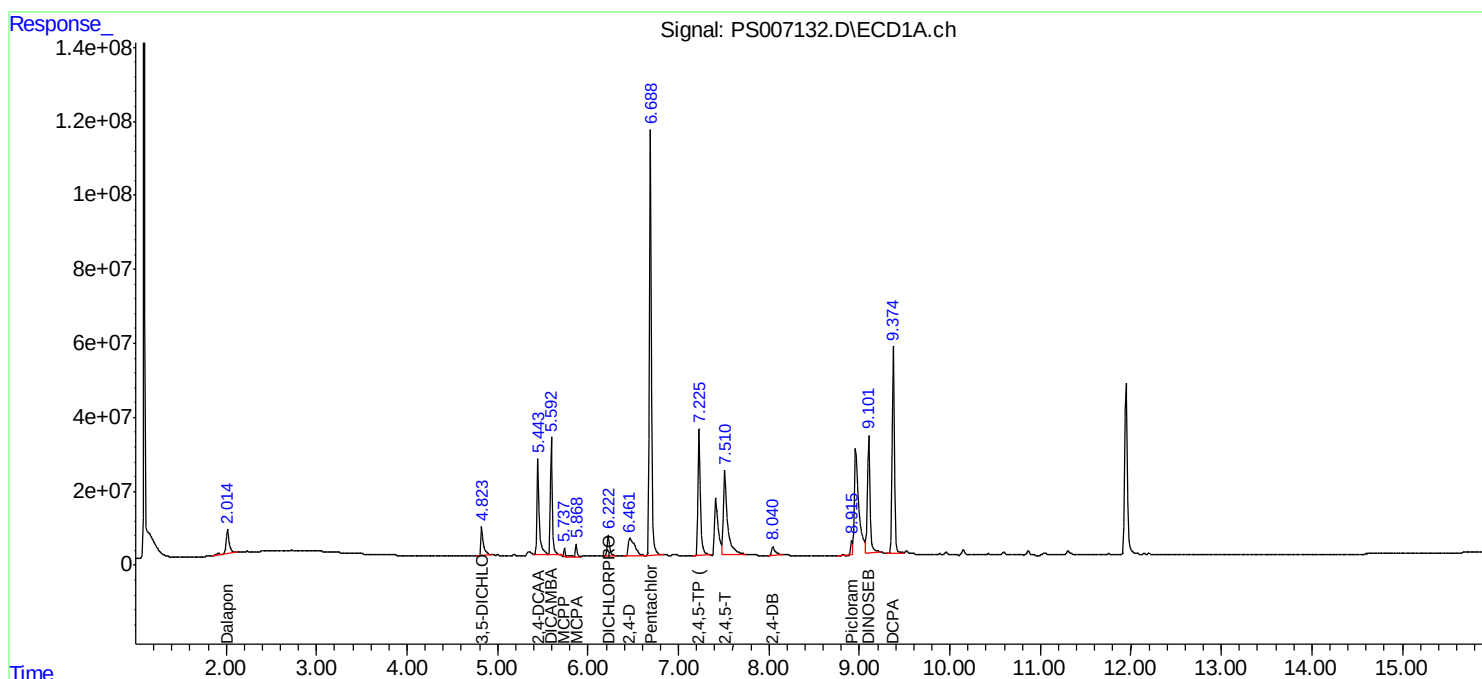
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

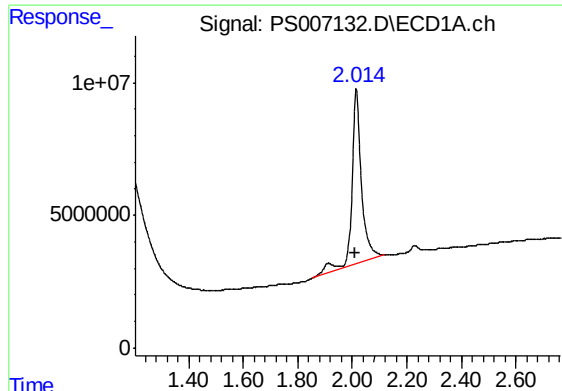
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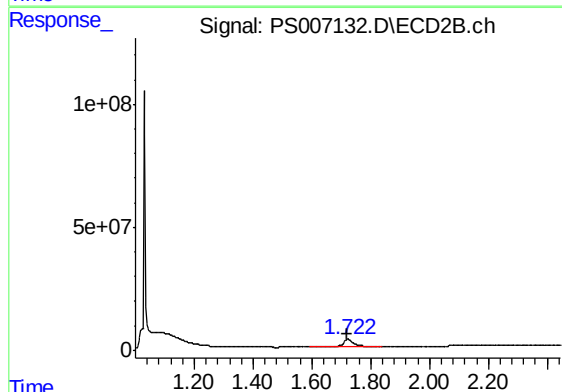




#1 Dalapon

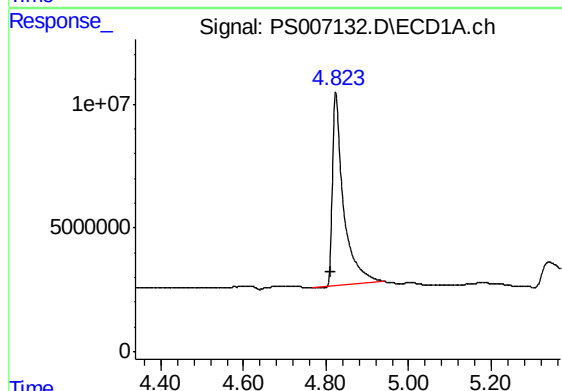
R.T.: 2.014 min
Delta R.T.: 0.003 min
Response: 159626591
Conc: 95.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



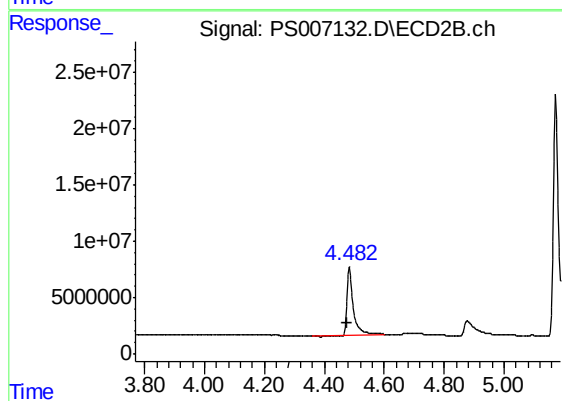
#1 Dalapon

R.T.: 1.722 min
Delta R.T.: 0.002 min
Response: 78208777
Conc: 85.94 ng/ml



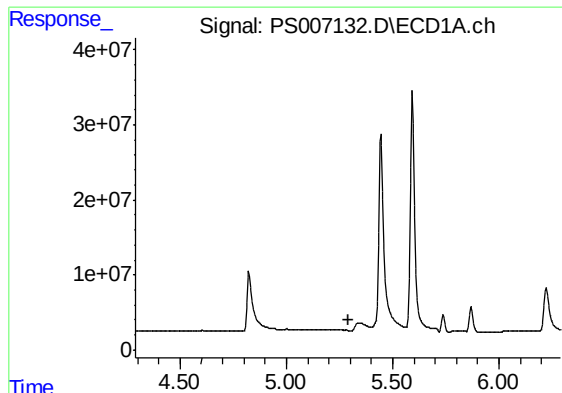
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.824 min
Delta R.T.: 0.014 min
Response: 144671493
Conc: 86.10 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

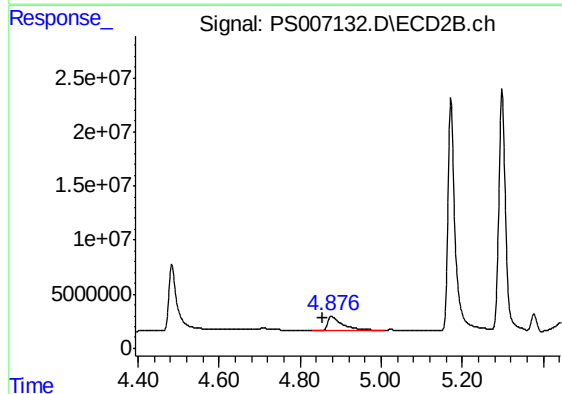
R.T.: 4.483 min
Delta R.T.: 0.009 min
Response: 81004259
Conc: 94.14 ng/ml



#3 4-Nitrophenol

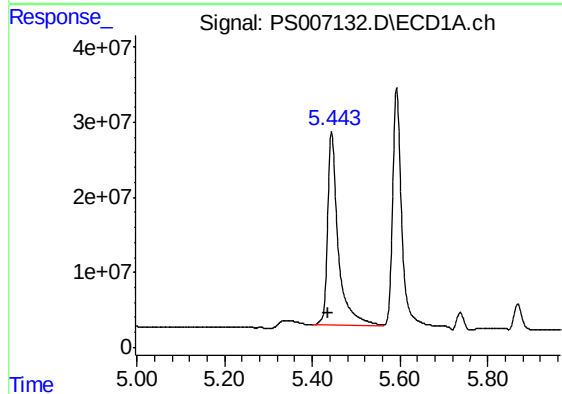
R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



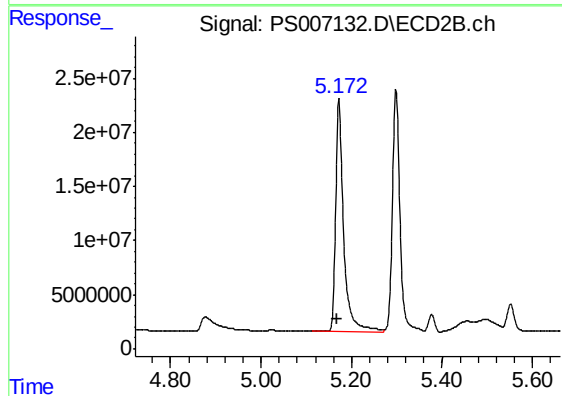
#3 4-Nitrophenol

R.T.: 4.877 min
Delta R.T.: 0.021 min
Response: 33110897
Conc: 83.85 ng/ml



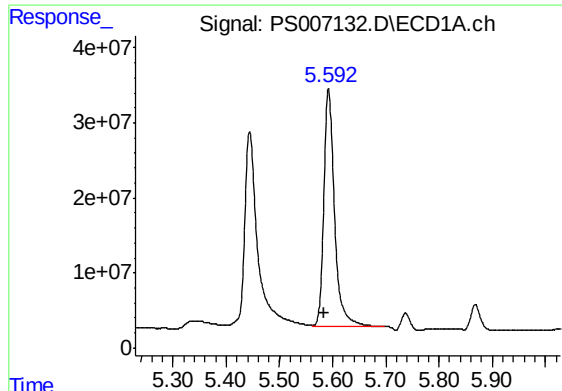
#4 2,4-DCAA

R.T.: 5.444 min
Delta R.T.: 0.008 min
Response: 434569454
Conc: 317.51 ng/ml



#4 2,4-DCAA

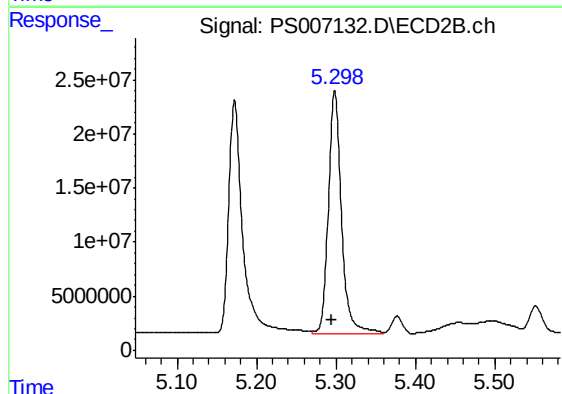
R.T.: 5.172 min
Delta R.T.: 0.004 min
Response: 263201058
Conc: 374.23 ng/ml



#5 DICAMBA

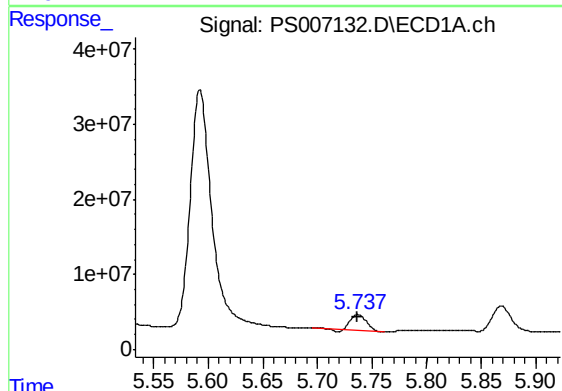
R.T.: 5.593 min
Delta R.T.: 0.007 min
Response: 441097135
Conc: 89.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



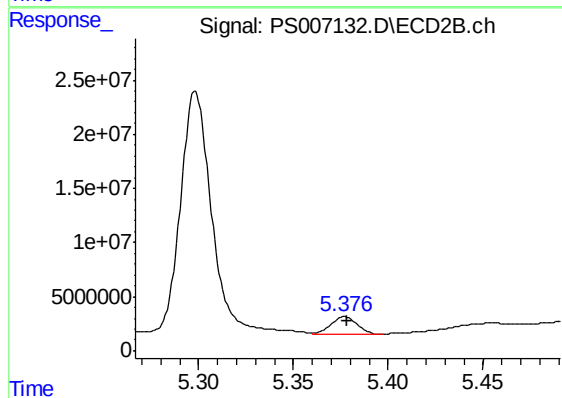
#5 DICAMBA

R.T.: 5.298 min
Delta R.T.: 0.004 min
Response: 258462544
Conc: 99.33 ng/ml



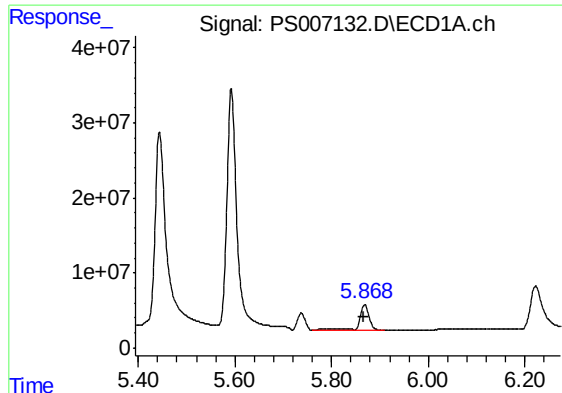
#6 MCPP

R.T.: 5.737 min
Delta R.T.: 0.001 min
Response: 20686480
Conc: 5.87 ug/ml



#6 MCPP

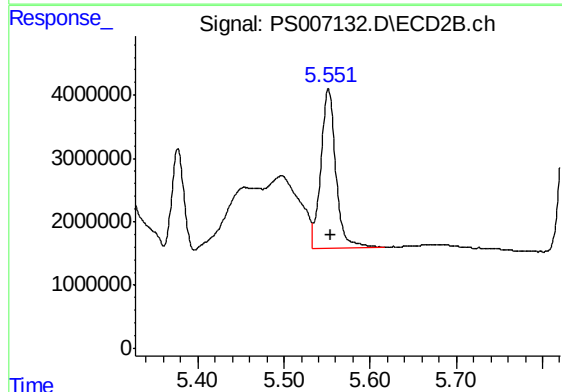
R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 15161416
Conc: 7.99 ug/ml



#7 MCPA

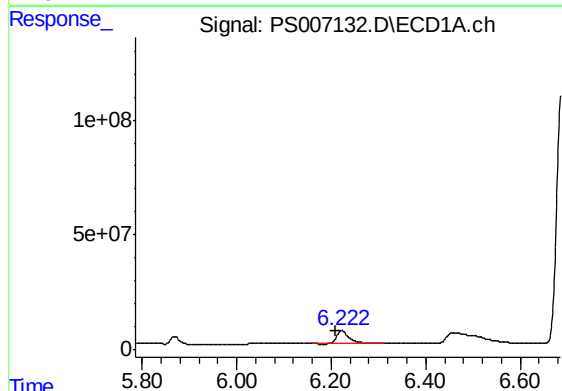
R.T.: 5.869 min
Delta R.T.: 0.001 min
Response: 49159182
Conc: 9.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



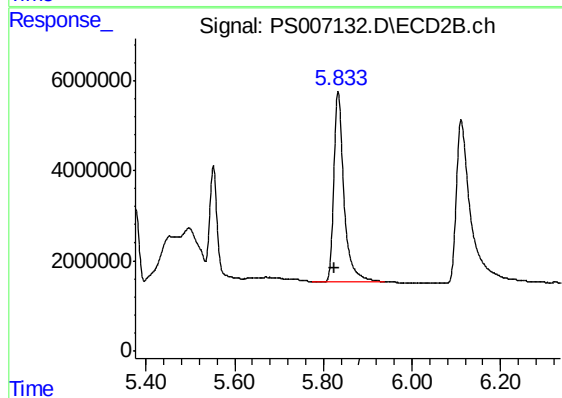
#7 MCPA

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 30361580
Conc: 10.44 ug/ml



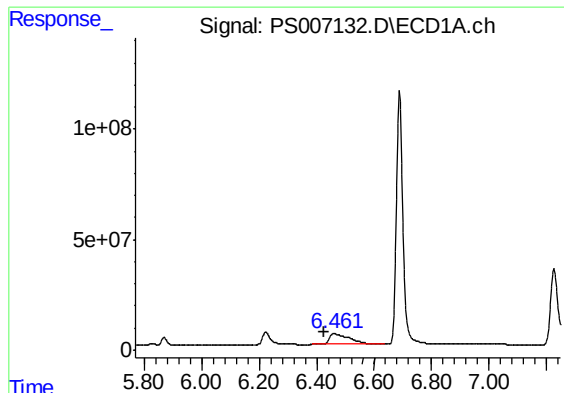
#8 DICHLORPROP

R.T.: 6.222 min
Delta R.T.: 0.013 min
Response: 105373501
Conc: 89.89 ng/ml



#8 DICHLORPROP

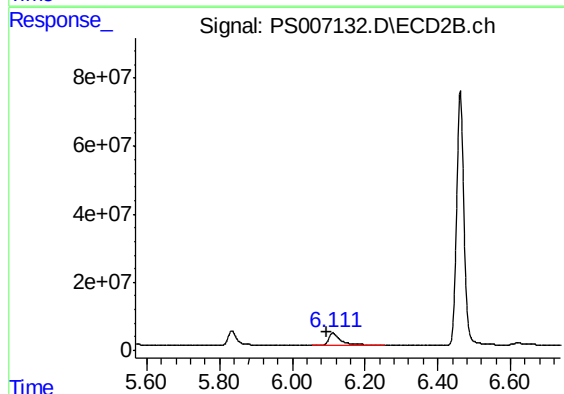
R.T.: 5.834 min
Delta R.T.: 0.007 min
Response: 67007725
Conc: 102.90 ng/ml



#9 2,4-D

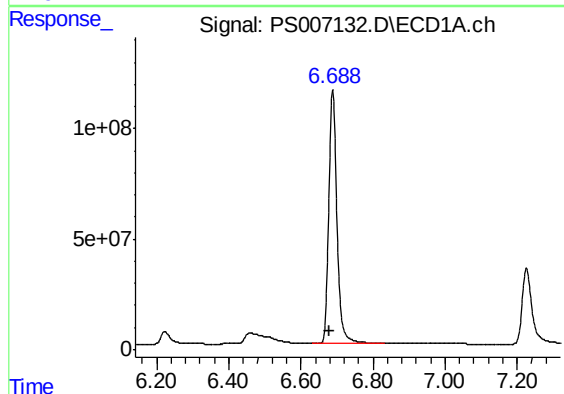
R.T.: 6.461 min
Delta R.T.: 0.037 min
Response: 232603724
Conc: 188.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



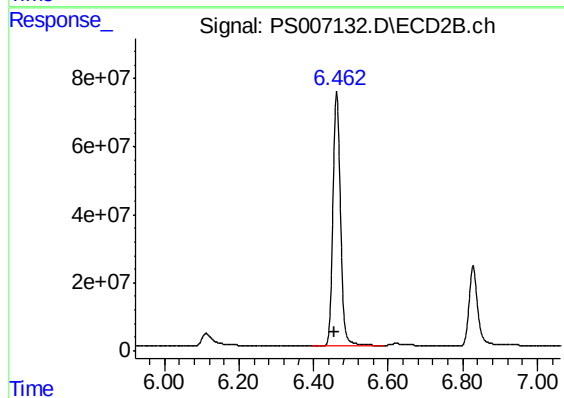
#9 2,4-D

R.T.: 6.111 min
Delta R.T.: 0.016 min
Response: 79413531
Conc: 99.54 ng/ml



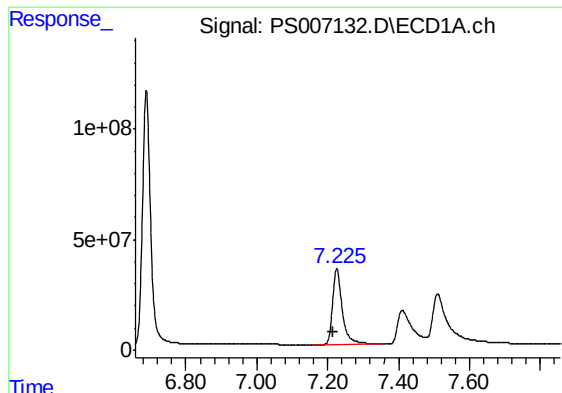
#10 Pentachlorophenol

R.T.: 6.688 min
Delta R.T.: 0.008 min
Response: 1803345195
Conc: 101.02 ng/ml



#10 Pentachlorophenol

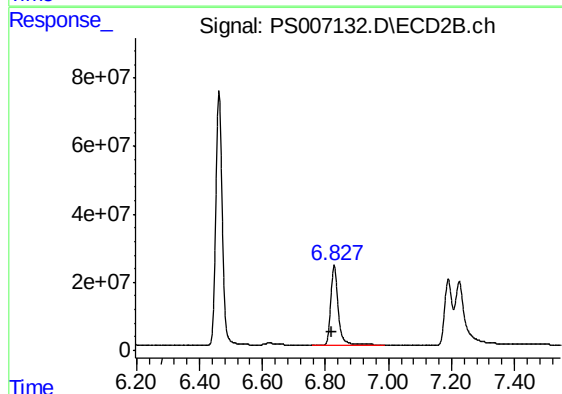
R.T.: 6.462 min
Delta R.T.: 0.005 min
Response: 1046429489
Conc: 108.82 ng/ml



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

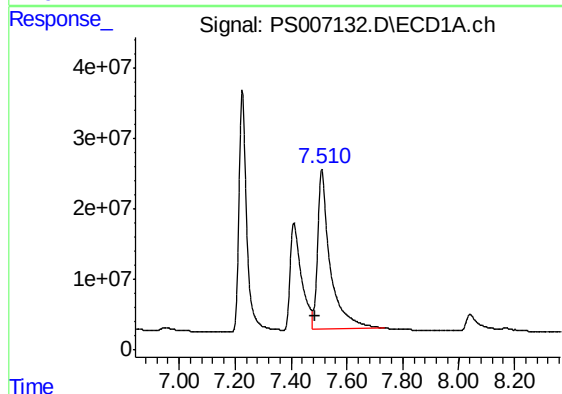
R.T.: 7.226 min
Delta R.T.: 0.012 min
Response: 643467549
Conc: 92.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



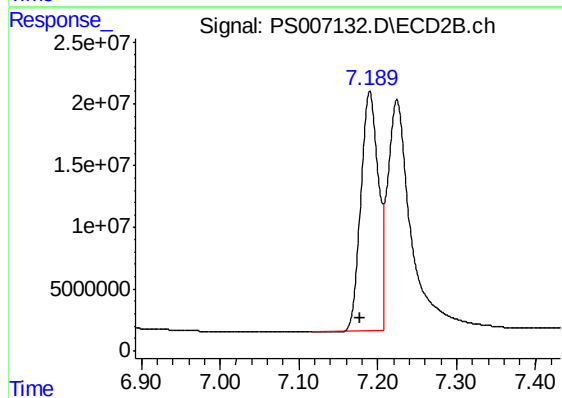
#11 2,4,5-TP (SILVEX)

R.T.: 6.828 min
Delta R.T.: 0.007 min
Response: 379508631
Conc: 99.78 ng/ml



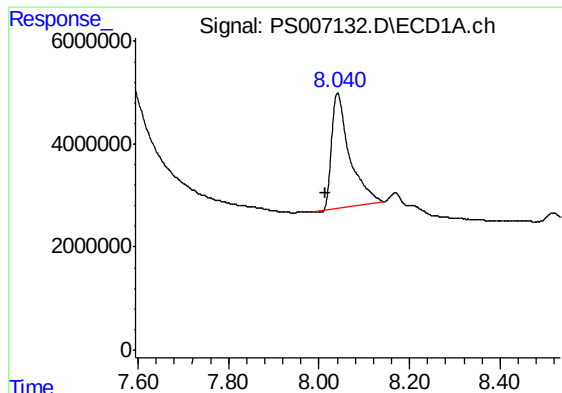
#12 2,4,5-T

R.T.: 7.510 min
Delta R.T.: 0.025 min
Response: 708042236
Conc: 92.62 ng/ml



#12 2,4,5-T

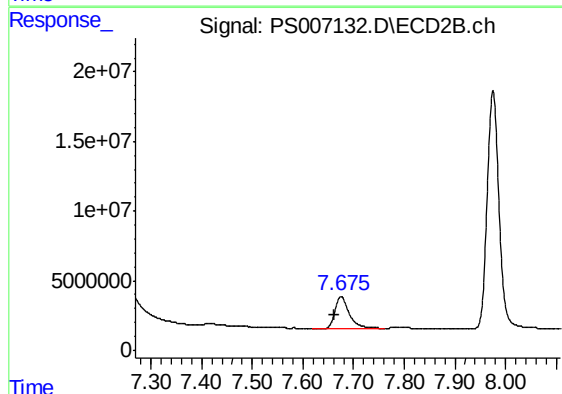
R.T.: 7.190 min
Delta R.T.: 0.011 min
Response: 298891717
Conc: 85.31 ng/ml



#13 2,4-DB

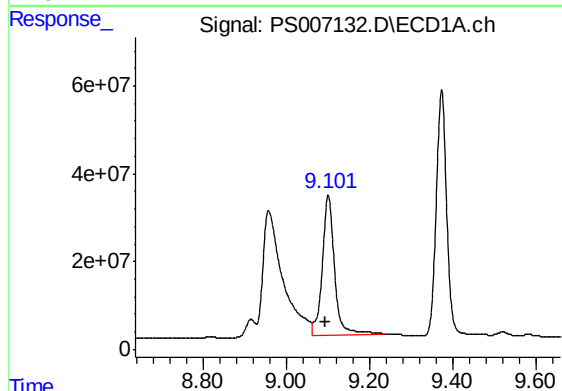
R.T.: 8.041 min
Delta R.T.: 0.027 min
Response: 61392234
Conc: 64.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



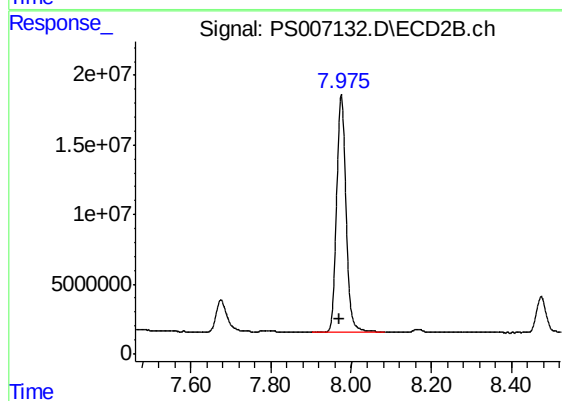
#13 2,4-DB

R.T.: 7.675 min
Delta R.T.: 0.013 min
Response: 43018724
Conc: 91.78 ng/ml



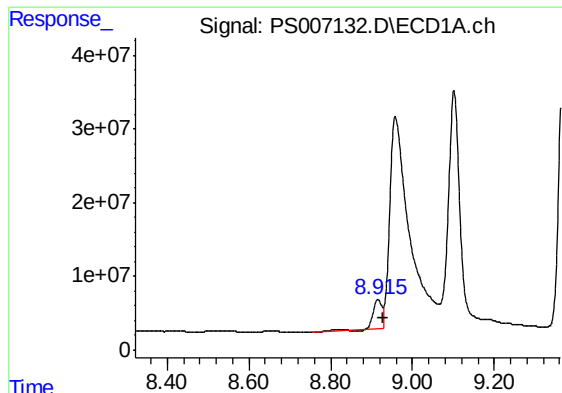
#14 DINOSEB

R.T.: 9.101 min
Delta R.T.: 0.006 min
Response: 649806118
Conc: 111.67 ng/ml



#14 DINOSEB

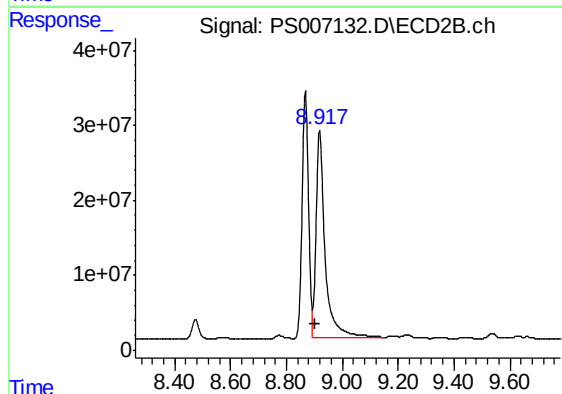
R.T.: 7.976 min
Delta R.T.: 0.005 min
Response: 275106976
Conc: 97.99 ng/ml



#15 Picloram

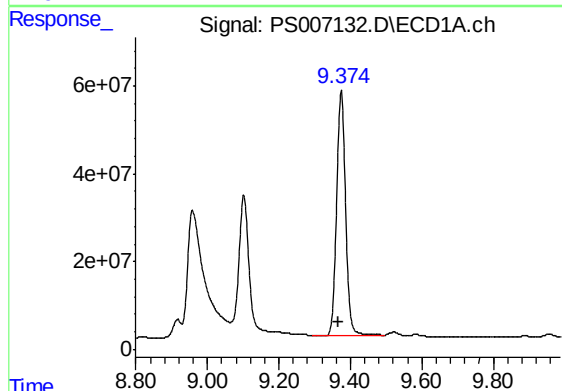
R.T.: 8.916 min
Delta R.T.: -0.013 min
Response: 59360197
Conc: 5.38 ng/ml

Instrument :
ECD_S
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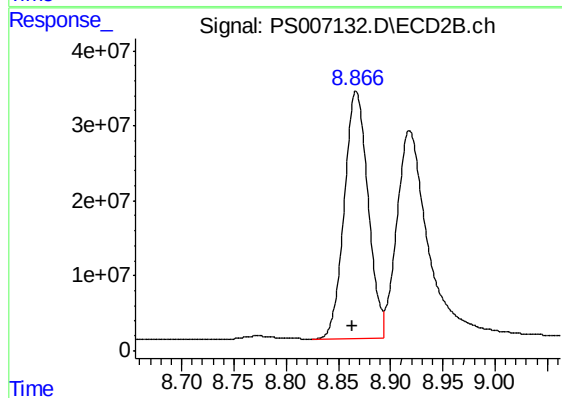
#15 Picloram

R.T.: 8.918 min
Delta R.T.: 0.014 min
Response: 620687768
Conc: 101.09 ng/ml



#16 DCPA

R.T.: 9.374 min
Delta R.T.: 0.007 min
Response: 963769161
Conc: 107.63 ng/ml



#16 DCPA

R.T.: 8.867 min
Delta R.T.: 0.004 min
Response: 522888979
Conc: 104.27 ng/ml