

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100818\
 Data File : PD049674.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2018 22:14
 Operator : AJ\SJ
 Sample : J5164-01
 Misc : ECD_D LOD SOIL 1 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 05:27:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100818.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 09 04:09:34 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.283	4.035	23182537	301.6E6	19.553	21.714
28)	SA Decachlor...	7.876	9.126	24250284	282.5E6	20.841	22.357
Target Compounds							
2)	A alpha-BHC	3.706	4.427	1269989	16860597	0.710	0.807
3)	MA gamma-BHC...	3.975	4.713	1710467	19439522	1.005	1.015
4)	MA Heptachlor	4.252	5.223	1261395	19902858	0.738	1.063m#
5)	MB Aldrin	4.483	5.531	1267516	17834353	0.791	1.012 #
6)	B beta-BHC	4.220	4.882	490400	5890919	0.702m	0.749
7)	B delta-BHC	4.409	5.100	1134371	13573322	0.714	0.720
8)	B Heptachlo...	4.910	5.918	1309530	22563544	0.868	1.391 #
9)	A Endosulfan I	5.230	6.275	1255442	16544096	0.897	1.110
10)	B gamma-Chl...	5.126	6.152	1380333	17047361	0.898	1.033
11)	B alpha-Chl...	5.182	6.225	1416886	17326329	0.930	1.092
12)	B 4,4'-DDE	5.352	6.380	1031649	16545744	0.756	1.058 #
13)	MA Dieldrin	5.464	6.533	1268102	17539045	0.842	1.104 #
14)	MA Endrin	5.710	6.752	1180720	12960767	0.827	1.027
15)	B Endosulfa...	5.979	6.960	1267447	14970130	0.952	1.107
16)	A 4,4'-DDD	5.851	6.868	911054	13622817	0.820	1.096m#
17)	MA 4,4'-DDT	6.080	7.170	898578	10519663	0.781m	0.954
18)	B Endrin al...	6.147	7.084	738891	11179748	0.723	1.001 #
19)	B Endosulfa...	6.354	7.306	1203375	13500741	1.000	1.013m
20)	A Methoxychlor	6.629	7.627	519727	5213685	0.800	1.032 #
21)	B Endrin ke...	6.827	7.779	1486955	13181917	1.058	1.073

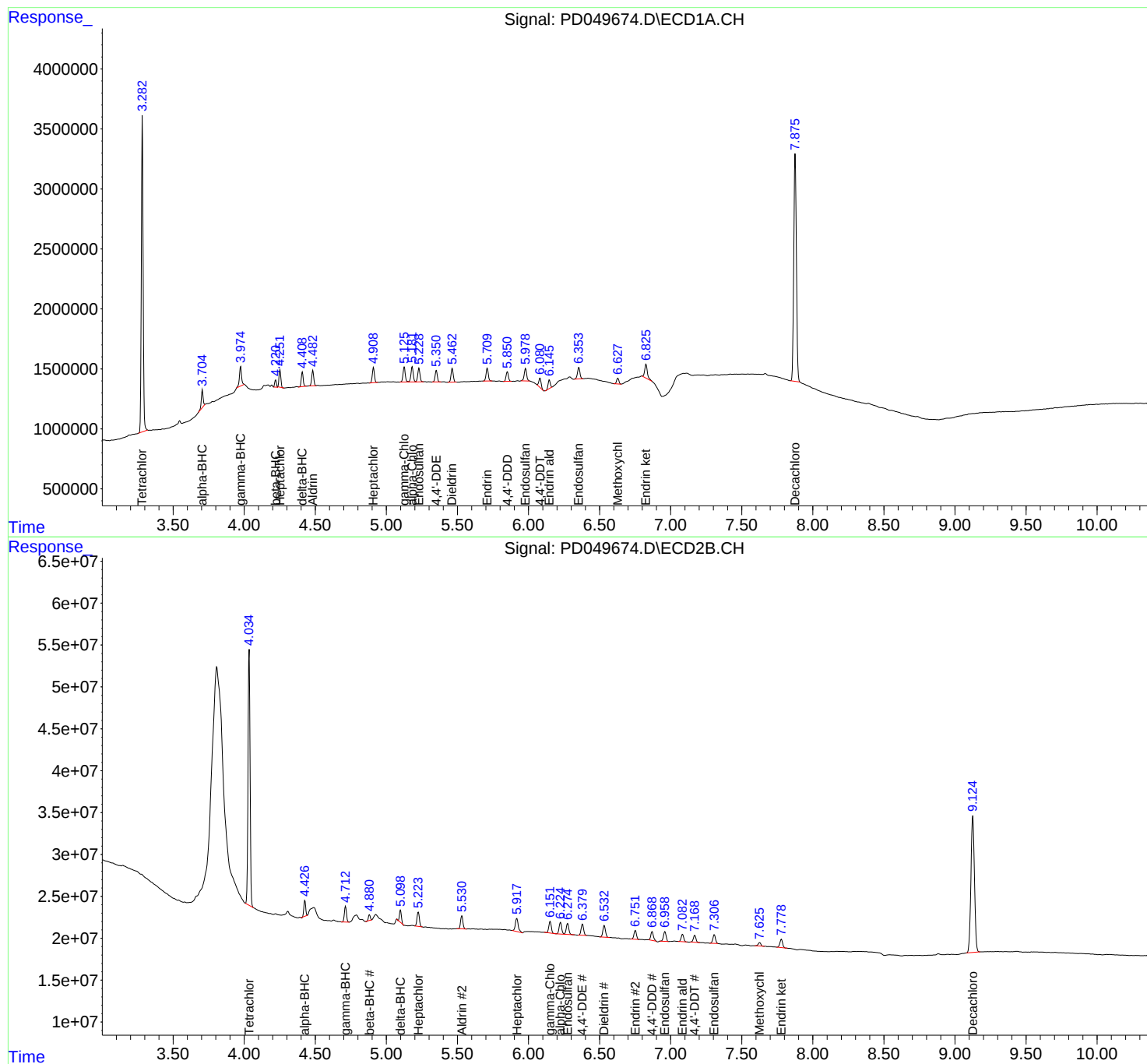
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

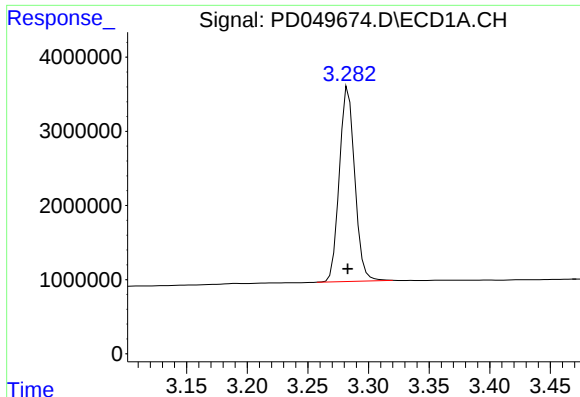
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100818\
Data File : PD049674.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Oct 2018 22:14
Operator : AJ\SJ
Sample : J5164-01
Misc : ECD_D LOD SOIL 1 PPB
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 05:27:14 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100818.M
Quant Title : GC Extractables
QLast Update : Tue Oct 09 04:09:34 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

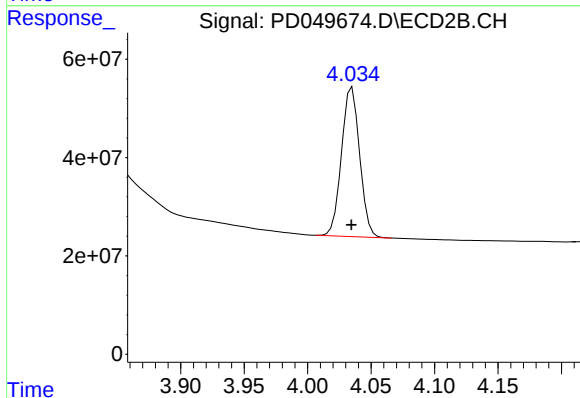




#1 Tetrachloro-m-xylene

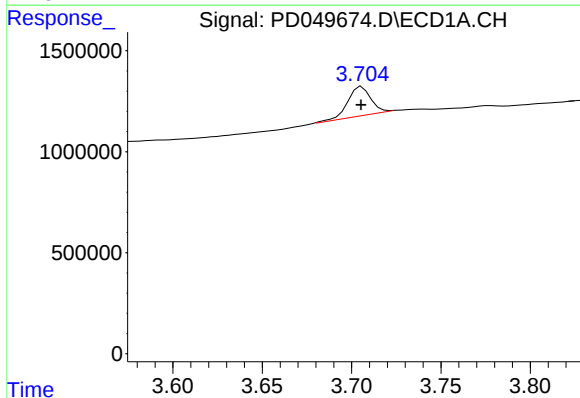
R.T.: 3.283 min
Delta R.T.: 0.000 min
Response: 23182537
Conc: 19.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



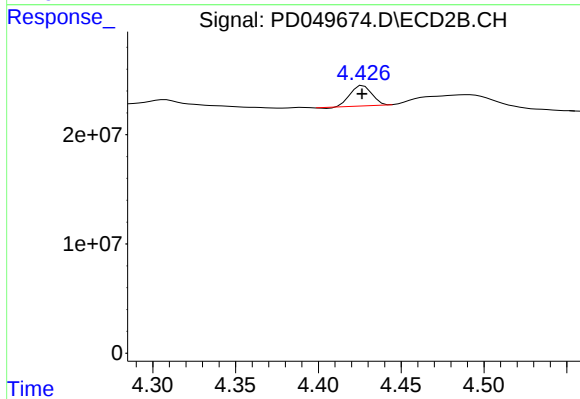
#1 Tetrachloro-m-xylene

R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 301579259
Conc: 21.71 ng/ml



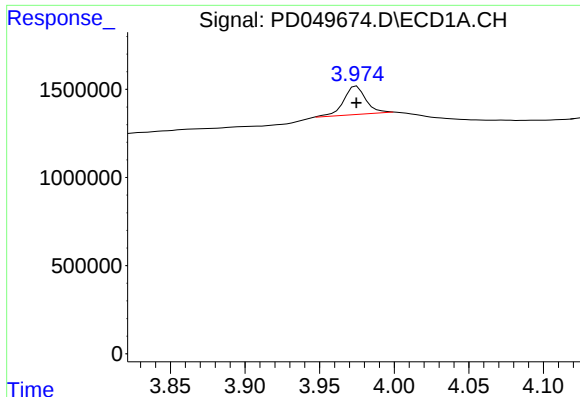
#2 alpha-BHC

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 1269989
Conc: 0.71 ng/ml



#2 alpha-BHC

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 16860597
Conc: 0.81 ng/ml



#3 gamma-BHC (Lindane)

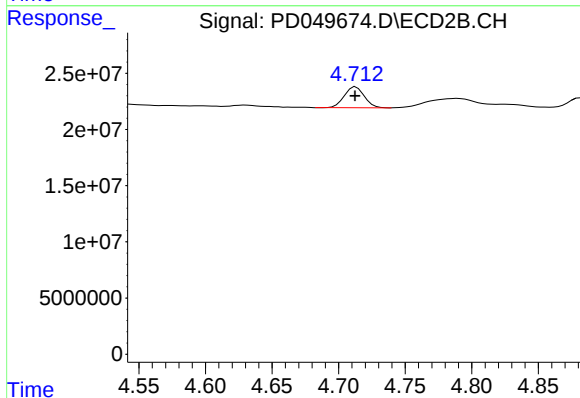
R.T.: 3.975 min

Delta R.T.: 0.000 min

Response: 1710467

Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



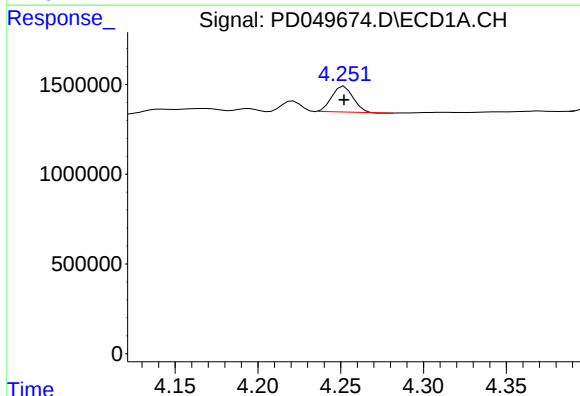
#3 gamma-BHC (Lindane)

R.T.: 4.713 min

Delta R.T.: 0.000 min

Response: 19439522

Conc: 1.01 ng/ml



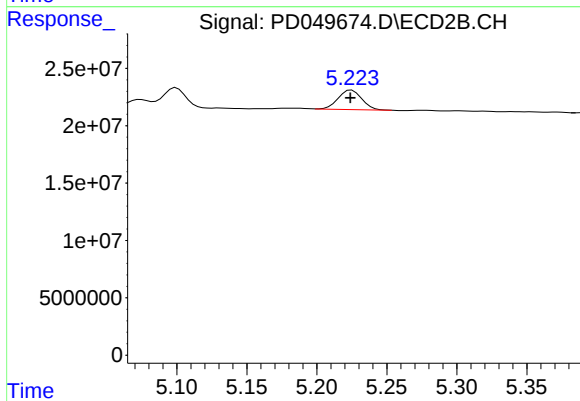
#4 Heptachlor

R.T.: 4.252 min

Delta R.T.: 0.000 min

Response: 1261395

Conc: 0.74 ng/ml



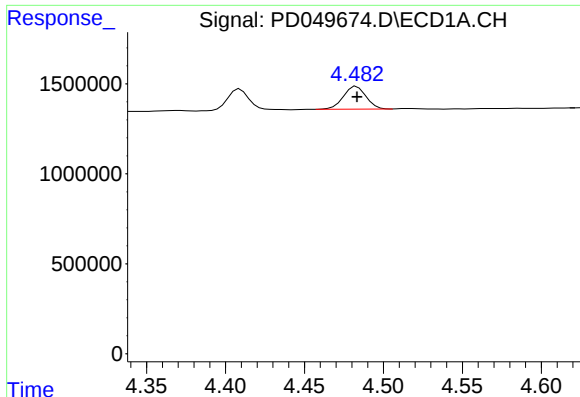
#4 Heptachlor

R.T.: 5.223 min

Delta R.T.: 0.000 min

Response: 19902858

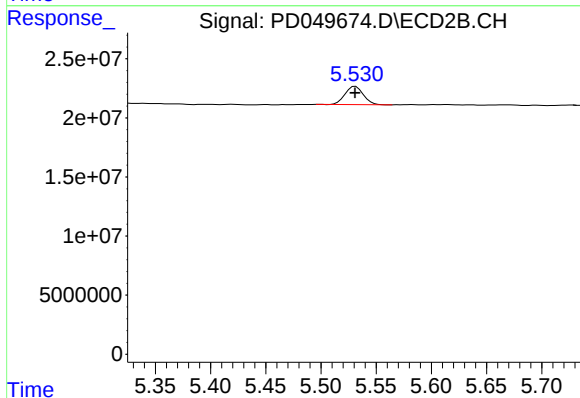
Conc: 1.06 ng/ml m



#5 Aldrin

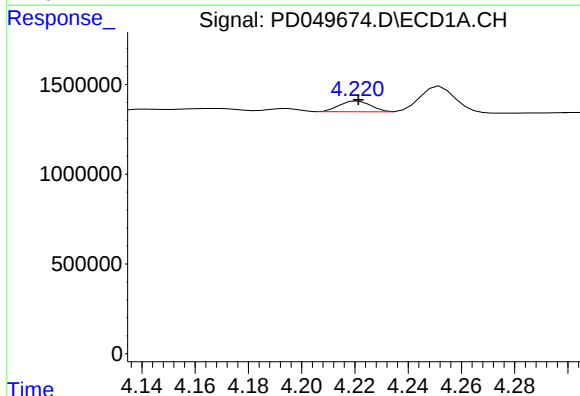
R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 1267516
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



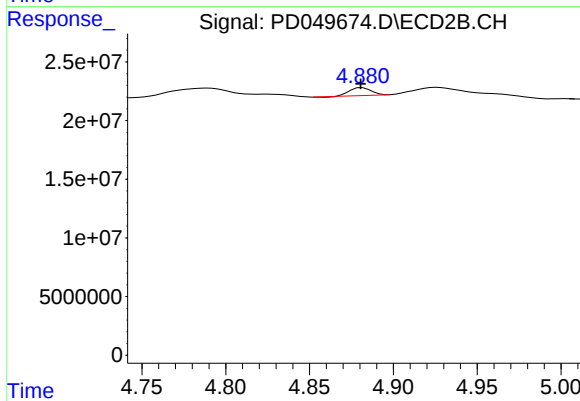
#5 Aldrin

R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 17834353
Conc: 1.01 ng/ml



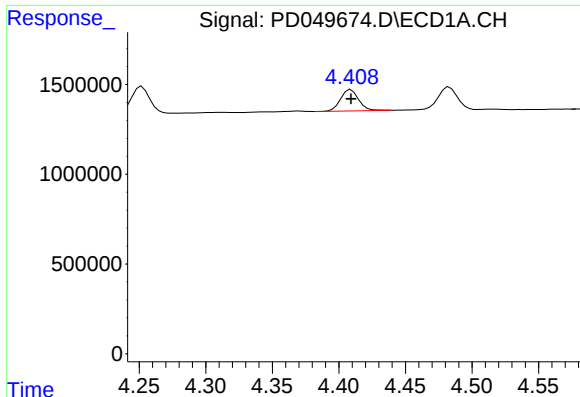
#6 beta-BHC

R.T.: 4.220 min
Delta R.T.: -0.001 min
Response: 490400
Conc: 0.70 ng/ml m



#6 beta-BHC

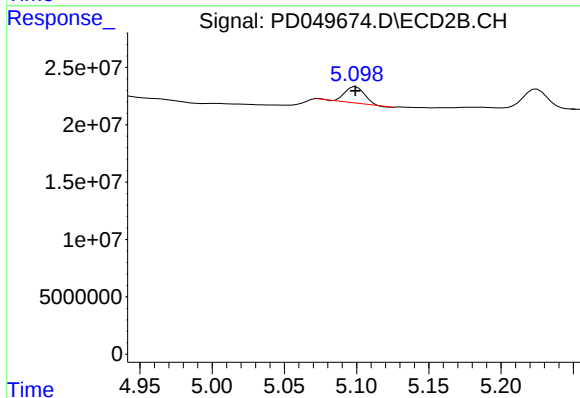
R.T.: 4.882 min
Delta R.T.: 0.001 min
Response: 5890919
Conc: 0.75 ng/ml



#7 delta-BHC

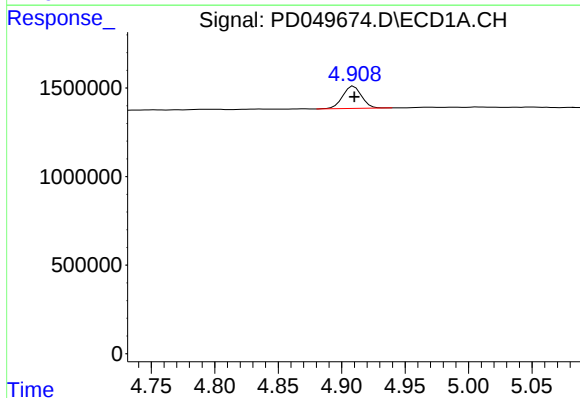
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 1134371
Conc: 0.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



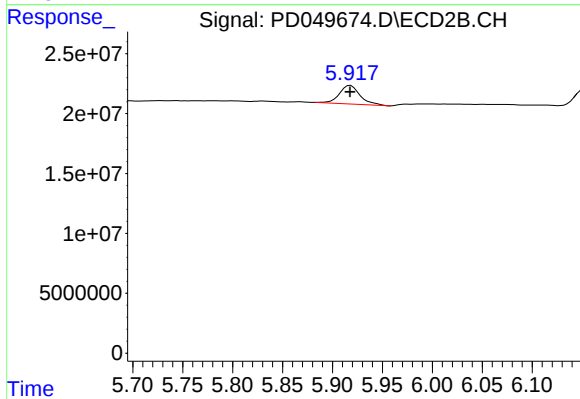
#7 delta-BHC

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 13573322
Conc: 0.72 ng/ml



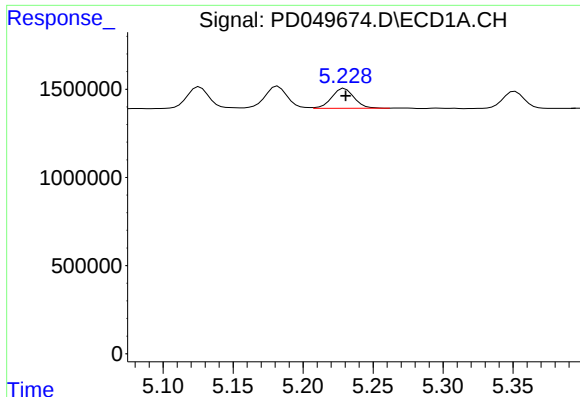
#8 Heptachlor epoxide

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 1309530
Conc: 0.87 ng/ml



#8 Heptachlor epoxide

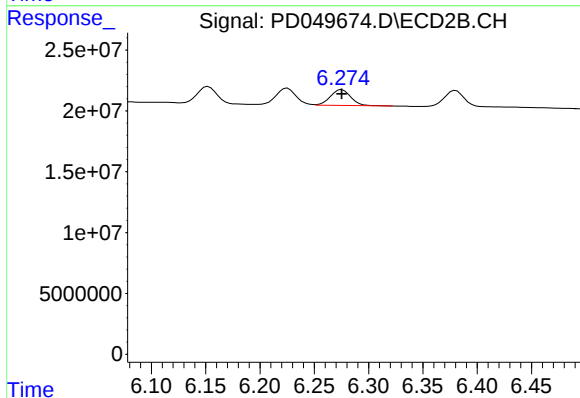
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 22563544
Conc: 1.39 ng/ml



#9 Endosulfan I

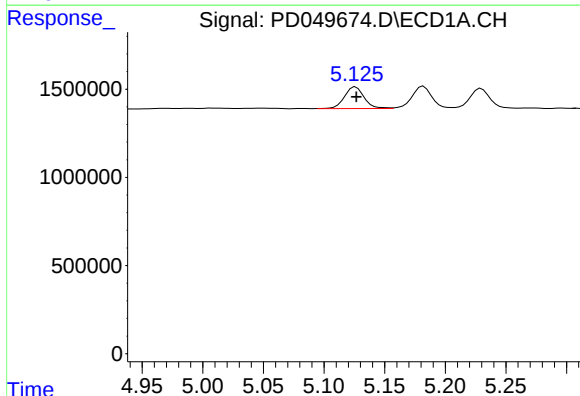
R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 1255442
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



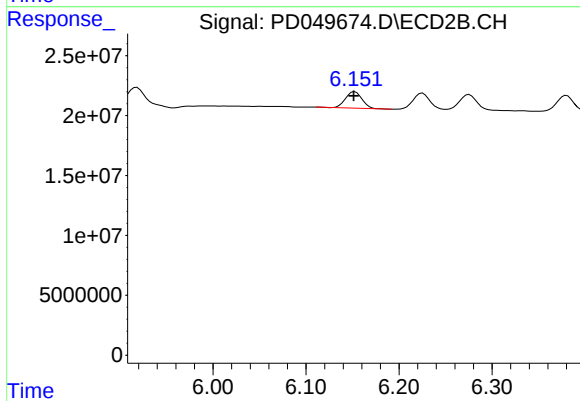
#9 Endosulfan I

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 16544096
Conc: 1.11 ng/ml



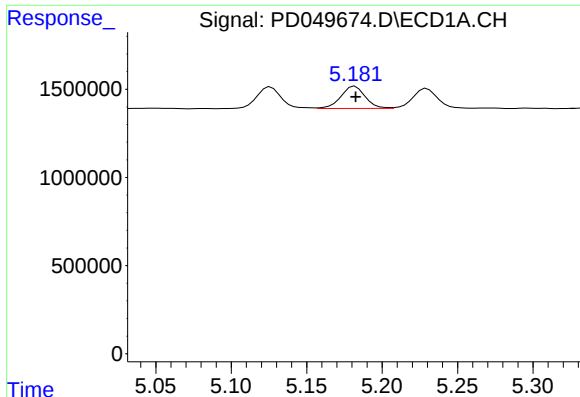
#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 1380333
Conc: 0.90 ng/ml



#10 gamma-Chlordane

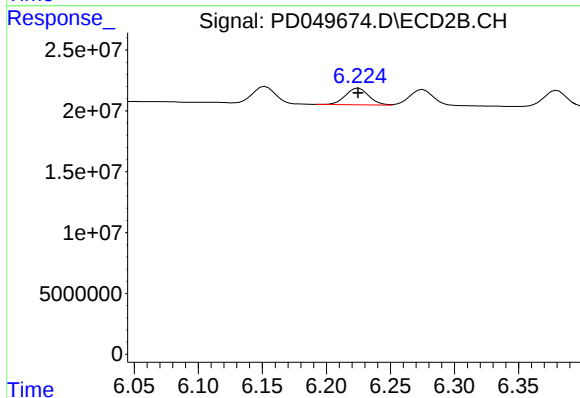
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 17047361
Conc: 1.03 ng/ml



#11 alpha-Chlordane

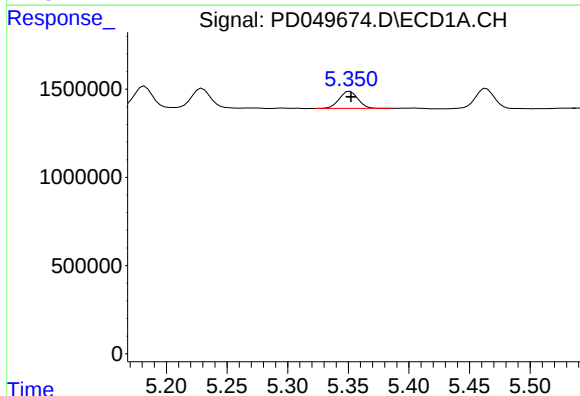
R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 1416886
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



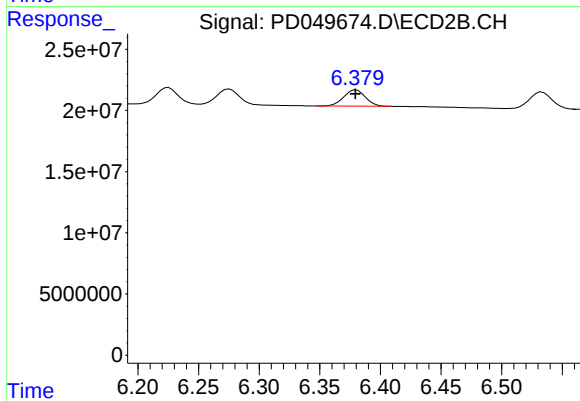
#11 alpha-Chlordane

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 17326329
Conc: 1.09 ng/ml



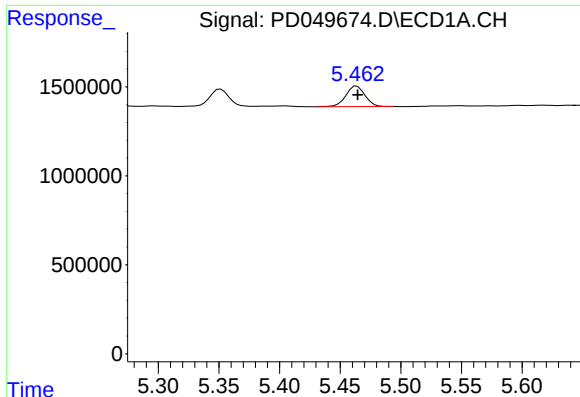
#12 4,4'-DDE

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 1031649
Conc: 0.76 ng/ml



#12 4,4'-DDE

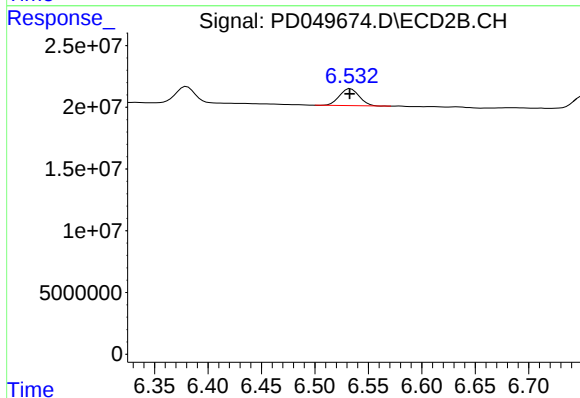
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 16545744
Conc: 1.06 ng/ml



#13 Dieldrin

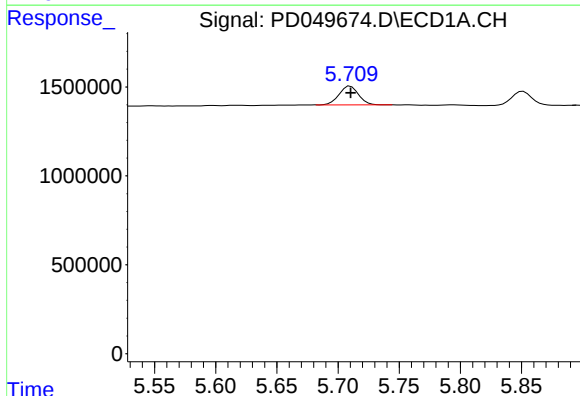
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 1268102
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



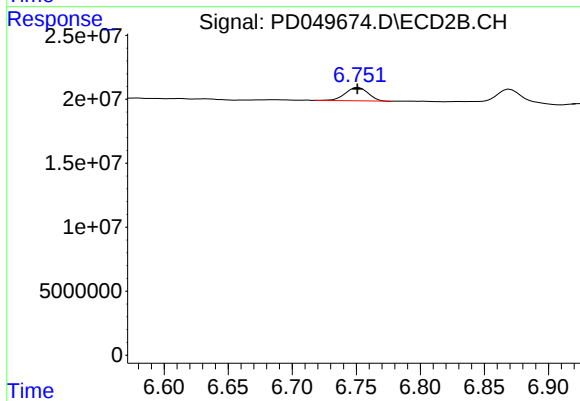
#13 Dieldrin

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 17539045
Conc: 1.10 ng/ml



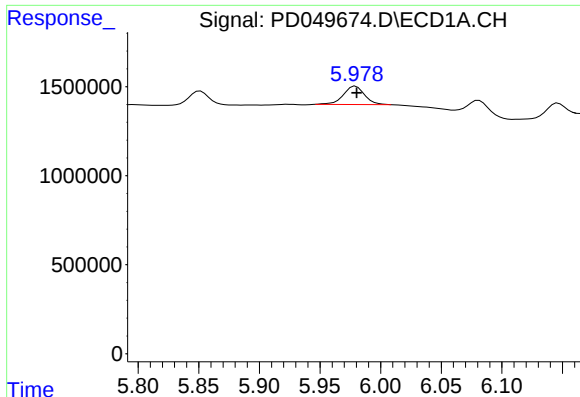
#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 1180720
Conc: 0.83 ng/ml



#14 Endrin

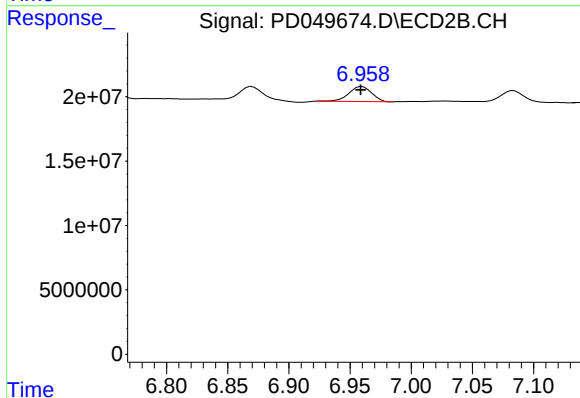
R.T.: 6.752 min
Delta R.T.: 0.001 min
Response: 12960767
Conc: 1.03 ng/ml



#15 Endosulfan II

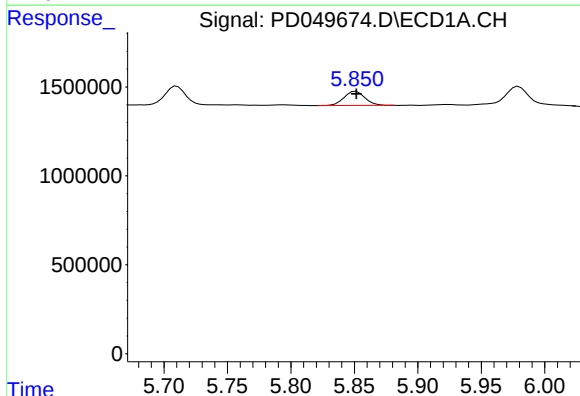
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 1267447
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



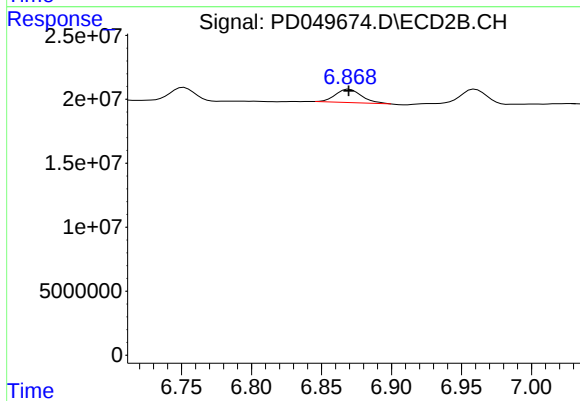
#15 Endosulfan II

R.T.: 6.960 min
Delta R.T.: 0.001 min
Response: 14970130
Conc: 1.11 ng/ml



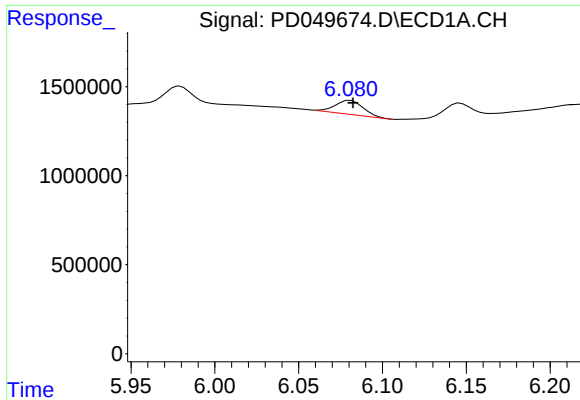
#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 911054
Conc: 0.82 ng/ml



#16 4,4'-DDD

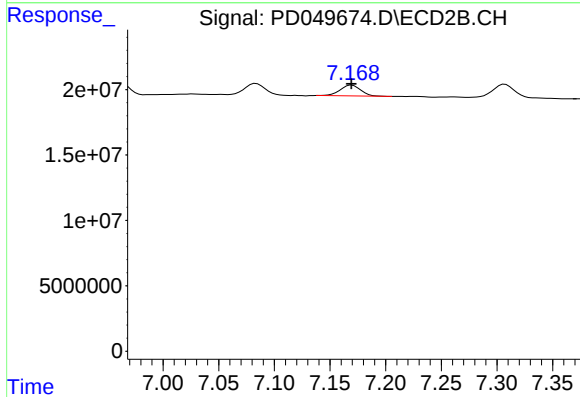
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 13622817
Conc: 1.10 ng/ml m



#17 4,4'-DDT

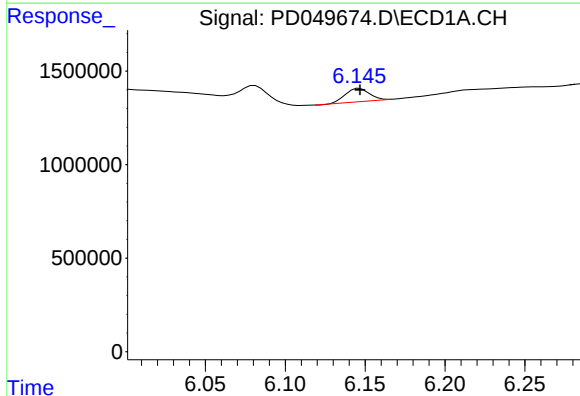
R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 898578
Conc: 0.78 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



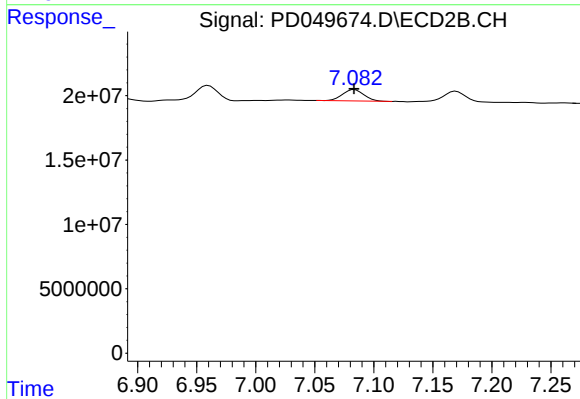
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 10519663
Conc: 0.95 ng/ml



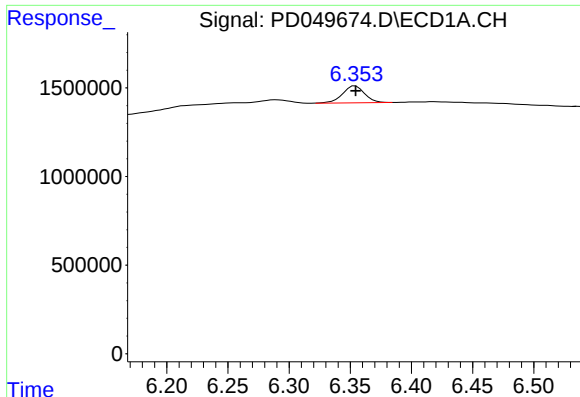
#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 738891
Conc: 0.72 ng/ml



#18 Endrin aldehyde

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 11179748
Conc: 1.00 ng/ml



#19 Endosulfan Sulfate

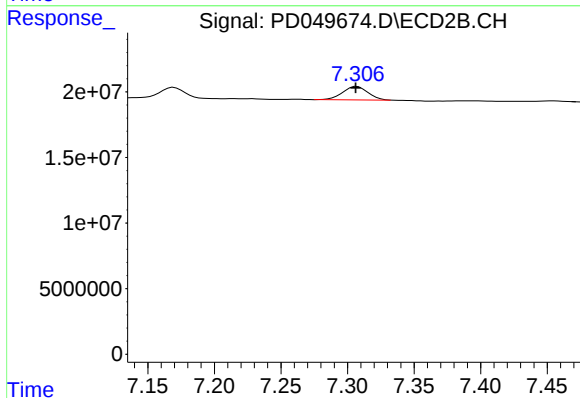
R.T.: 6.354 min

Delta R.T.: 0.000 min

Response: 1203375

Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



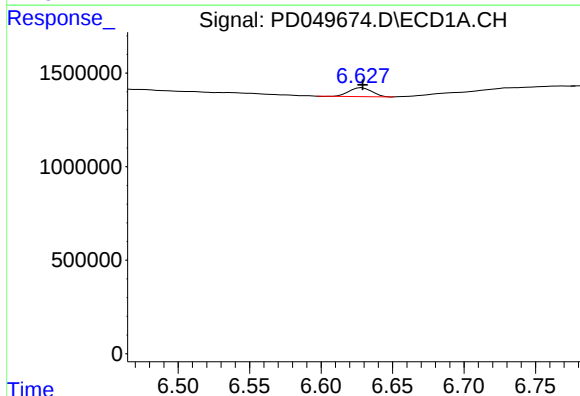
#19 Endosulfan Sulfate

R.T.: 7.306 min

Delta R.T.: 0.000 min

Response: 13500741

Conc: 1.01 ng/ml m



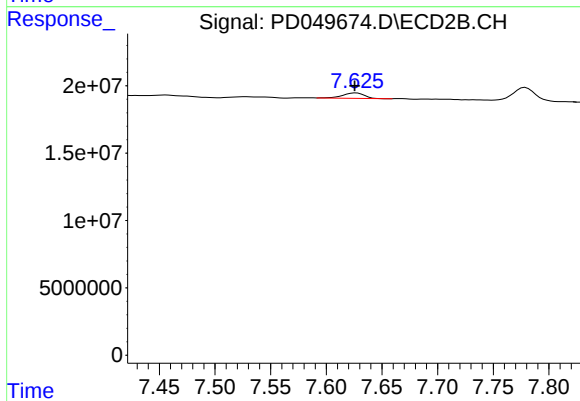
#20 Methoxychlor

R.T.: 6.629 min

Delta R.T.: 0.000 min

Response: 519727

Conc: 0.80 ng/ml



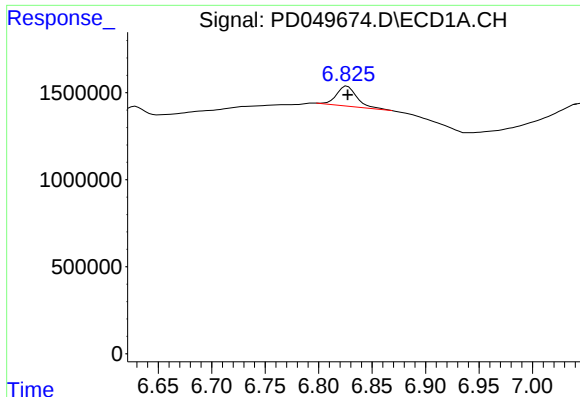
#20 Methoxychlor

R.T.: 7.627 min

Delta R.T.: 0.001 min

Response: 5213685

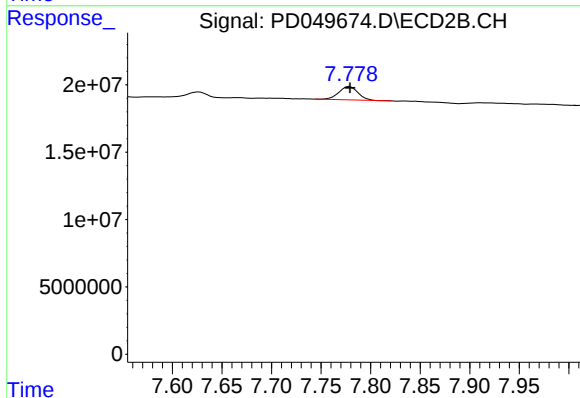
Conc: 1.03 ng/ml



#21 Endrin ketone

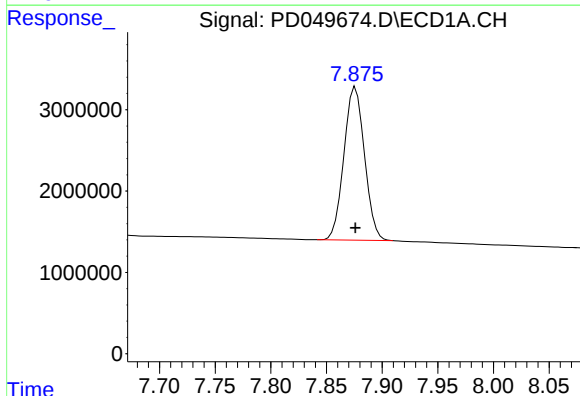
R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 1486955
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



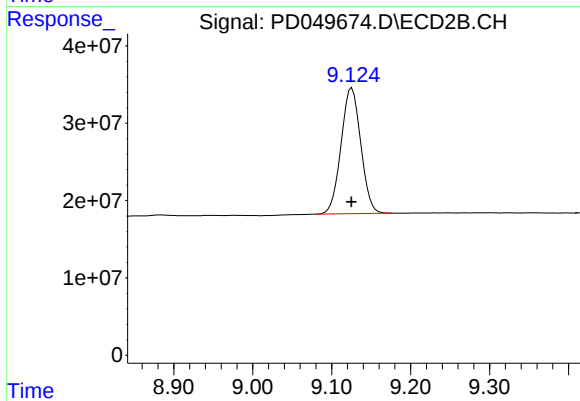
#21 Endrin ketone

R.T.: 7.779 min
Delta R.T.: 0.000 min
Response: 13181917
Conc: 1.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 24250284
Conc: 20.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.000 min
Response: 282485694
Conc: 22.36 ng/ml