

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
 Data File : PL046801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2019 14:35
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

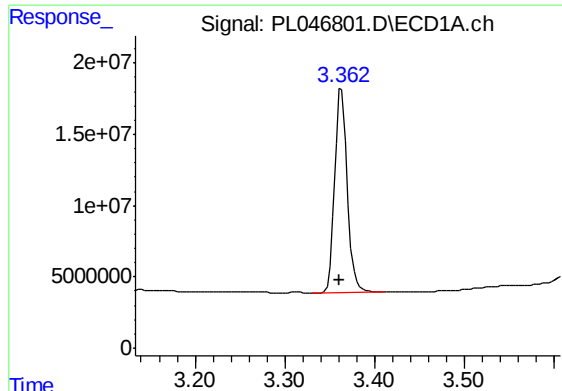
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:22:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.363	3.977	139.5E6	42674909	19.181	18.639
28)	SA Decachlor...	8.042	9.032	188.3E6	56047171	22.381	24.174
Target Compounds							
2)	A alpha-BHC	3.792	4.367	7039019	2183013	0.604	0.679
3)	MA gamma-BHC...	4.070	4.652	7110218	1933948	0.662	0.646
4)	MA Heptachlor	4.357	5.158	8230462	2627039	0.747	0.854
5)	MB Aldrin	4.597	5.462	7404996	2544508	0.718	0.888
6)	B beta-BHC	0.000	4.820	0	2414842	N.D.	1.822 #
7)	B delta-BHC	4.519	5.041	5935190	805055	0.586	0.347 #
8)	B Heptachlor...	5.034	5.847	8768045	1906356	0.899	0.723
9)	A Endosulfan I	5.366	6.204	6931070	2680117	0.737	1.027 #
10)	B gamma-Chl...	5.257	6.082	9453053	2650201	0.920	0.934
11)	B alpha-Chl...	5.314	6.155	9378551	2843538	0.925	1.002
12)	B 4,4'-DDE	5.481	6.313	7199462	2208146	0.782	0.890
13)	MA Dieldrin	5.606	6.461	7604375	2484269	0.758	0.916
14)	MA Endrin	5.858	6.679	7805211	1994829	0.829	0.835
15)	B Endosulfa...	6.134	6.891	8392708	2979443	0.937	1.235 #
16)	A 4,4'-DDD	5.991	6.803	5819292	1739208	0.770	0.864
17)	MA 4,4'-DDT	0.000	7.101	0	1861430	N.D.	0.888 #
18)	B Endrin al...	6.301	7.013	6453903	2393570	0.861	1.127 #
19)	B Endosulfa...	6.512	7.236	8186075	2639839	0.997	1.119
21)	B Endrin ke...	6.994	7.706	7584699	2223229	0.820	0.895
22)	Mirex	7.171	8.157	7694812	2581395	1.056	1.291
24)	Chlordane-2	0.000	5.462f	0	2544508	N.D.	21.783 #
25)	Chlordane-3	5.257	6.082	9453053	2650201	8.488	6.951
26)	Chlordane-4	5.314	6.155	9378551	2843538	9.070	6.163 #
27)	Chlordane-5	6.134	0.000	8392708	0	24.593	N.D. #

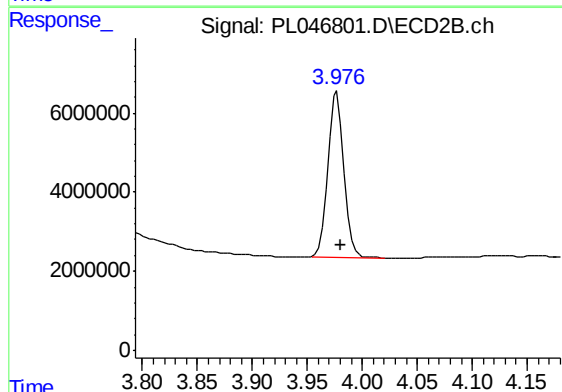
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

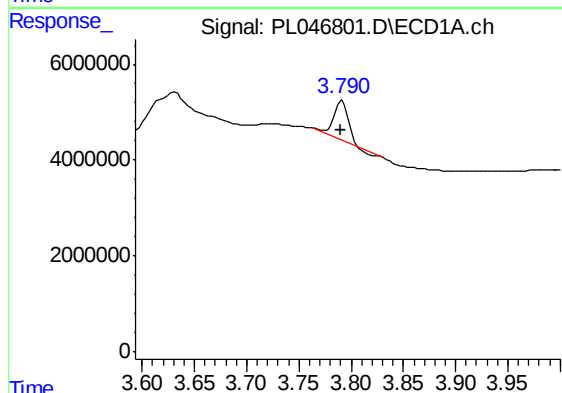
R.T.: 3.363 min
Delta R.T.: 0.002 min
Response: 139537317
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



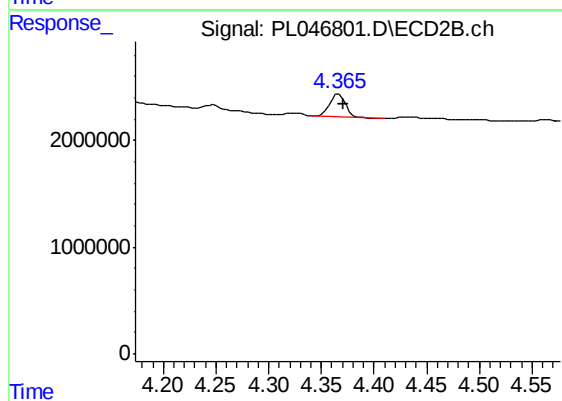
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 42674909
Conc: 18.64 ng/ml



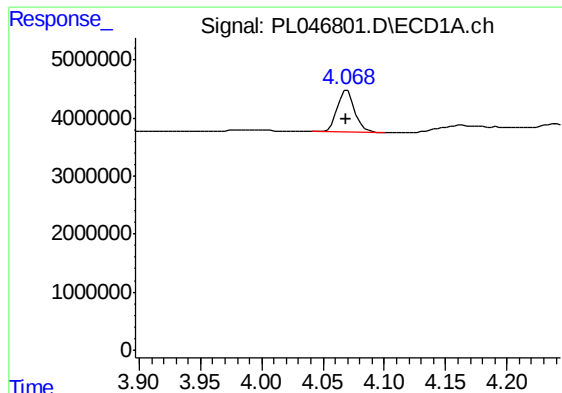
#2 alpha-BHC

R.T.: 3.792 min
Delta R.T.: 0.001 min
Response: 7039019
Conc: 0.60 ng/ml



#2 alpha-BHC

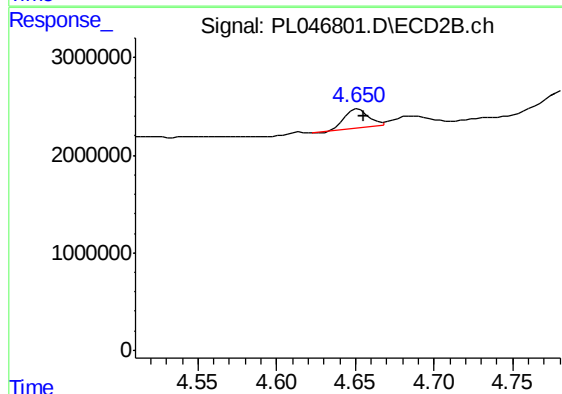
R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 2183013
Conc: 0.68 ng/ml



#3 gamma-BHC (Lindane)

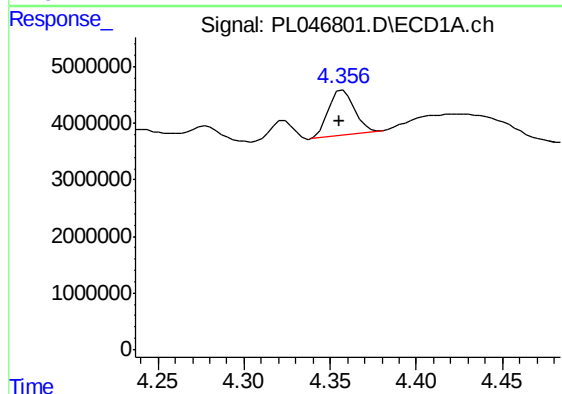
R.T.: 4.070 min
Delta R.T.: 0.002 min
Response: 7110218
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



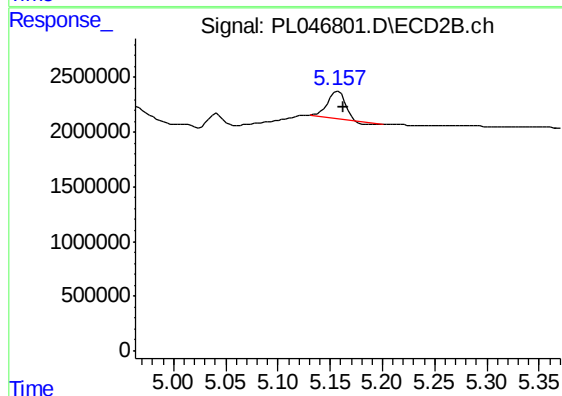
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 1933948
Conc: 0.65 ng/ml



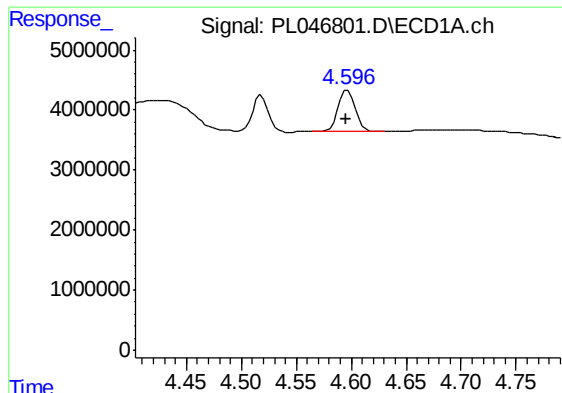
#4 Heptachlor

R.T.: 4.357 min
Delta R.T.: 0.002 min
Response: 8230462
Conc: 0.75 ng/ml



#4 Heptachlor

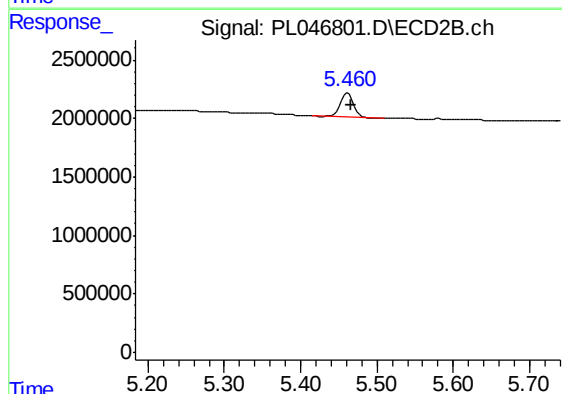
R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 2627039
Conc: 0.85 ng/ml



#5 Aldrin

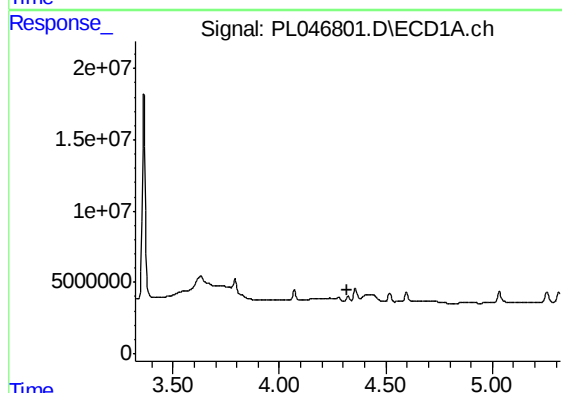
R.T.: 4.597 min
Delta R.T.: 0.001 min
Response: 7404996
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



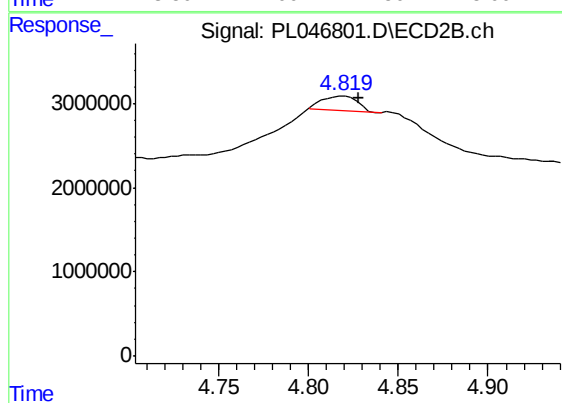
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 2544508
Conc: 0.89 ng/ml



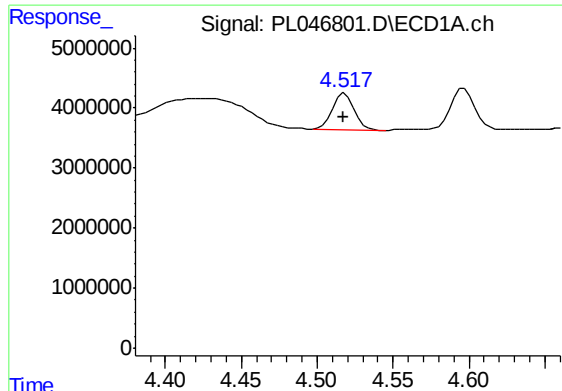
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.321 min
Response: 0
Conc: N.D.



#6 beta-BHC

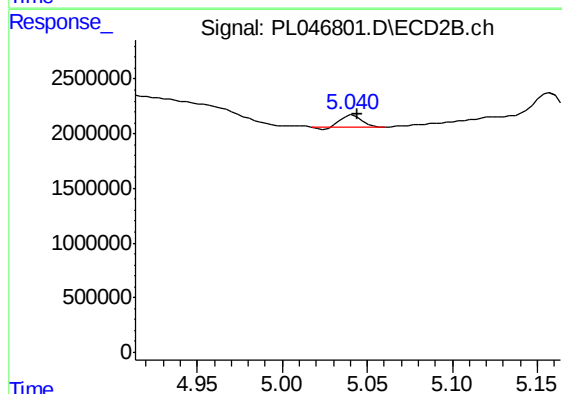
R.T.: 4.820 min
Delta R.T.: -0.007 min
Response: 2414842
Conc: 1.82 ng/ml



#7 delta-BHC

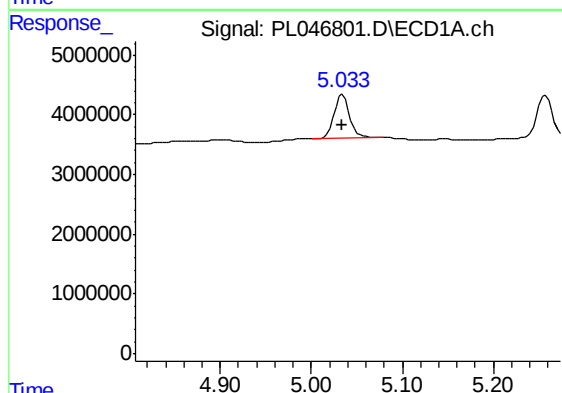
R.T.: 4.519 min
Delta R.T.: 0.002 min
Response: 5935190
Conc: 0.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



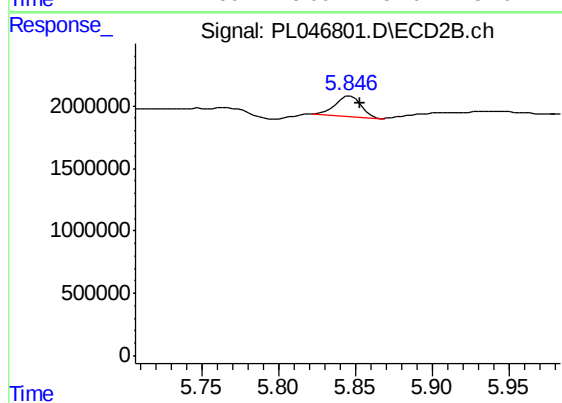
#7 delta-BHC

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 805055
Conc: 0.35 ng/ml



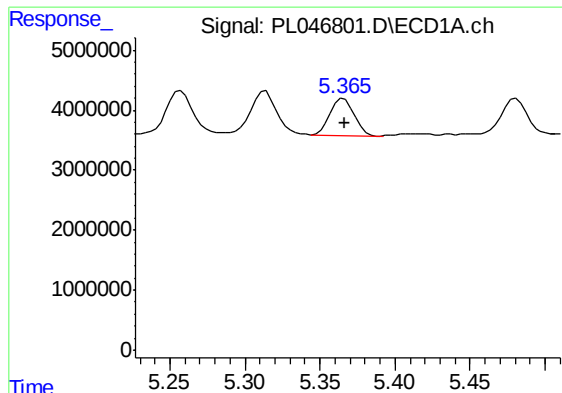
#8 Heptachlor epoxide

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 8768045
Conc: 0.90 ng/ml



#8 Heptachlor epoxide

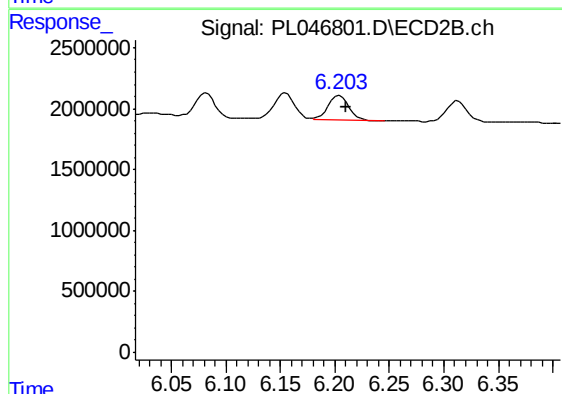
R.T.: 5.847 min
Delta R.T.: -0.006 min
Response: 1906356
Conc: 0.72 ng/ml



#9 Endosulfan I

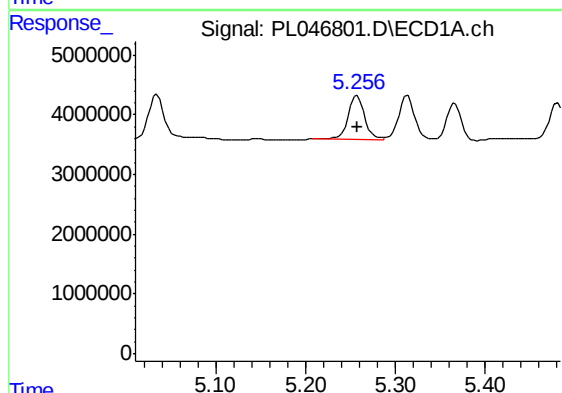
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 6931070
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



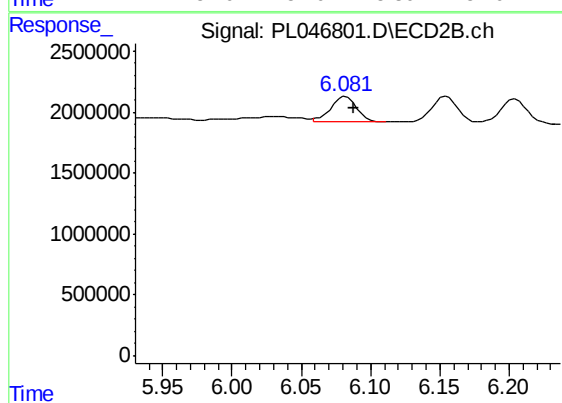
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 2680117
Conc: 1.03 ng/ml



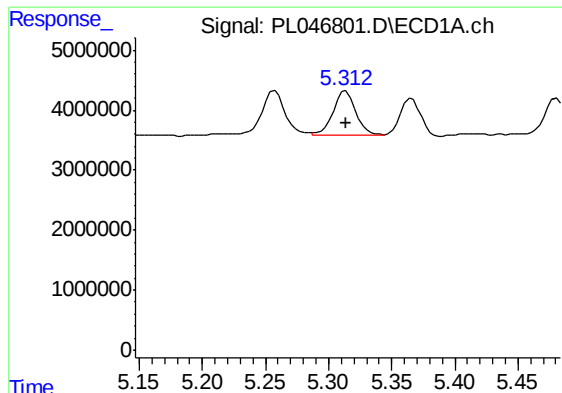
#10 gamma-Chlordane

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 9453053
Conc: 0.92 ng/ml



#10 gamma-Chlordane

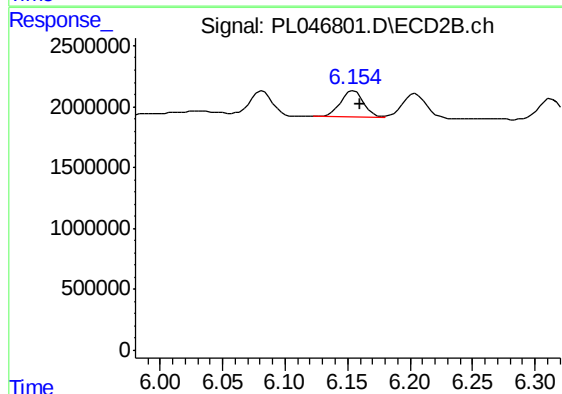
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 2650201
Conc: 0.93 ng/ml



#11 alpha-Chlordane

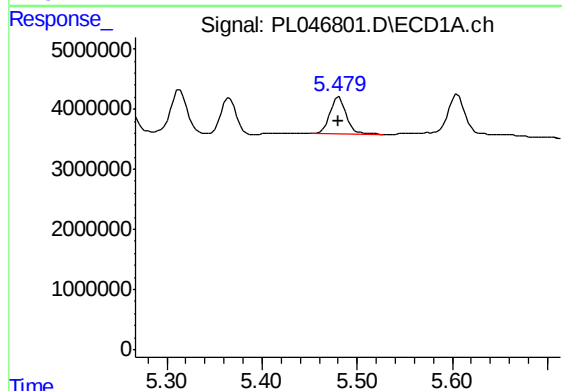
R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 9378551
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



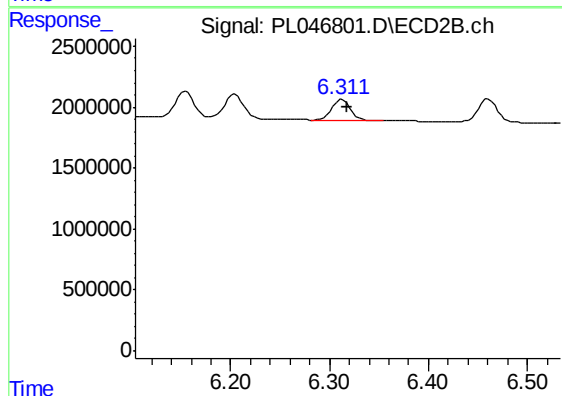
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 2843538
Conc: 1.00 ng/ml



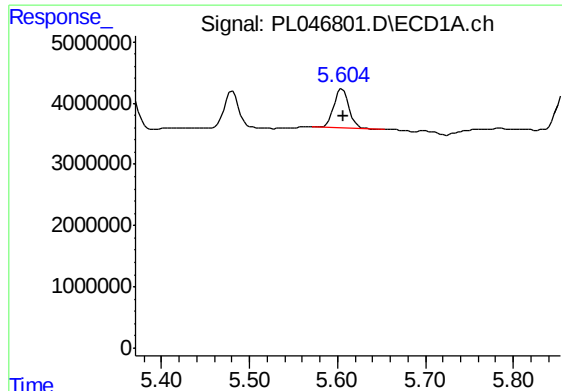
#12 4,4'-DDE

R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 7199462
Conc: 0.78 ng/ml



#12 4,4'-DDE

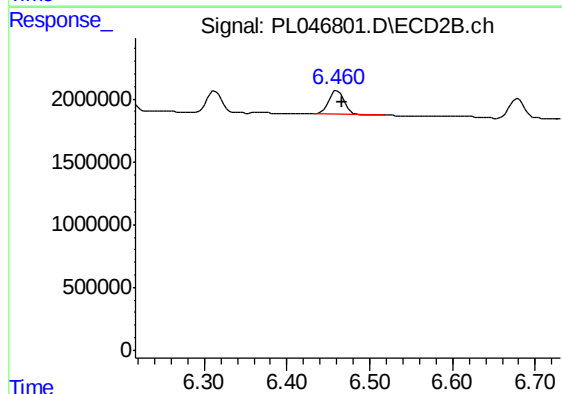
R.T.: 6.313 min
Delta R.T.: -0.005 min
Response: 2208146
Conc: 0.89 ng/ml



#13 Dieldrin

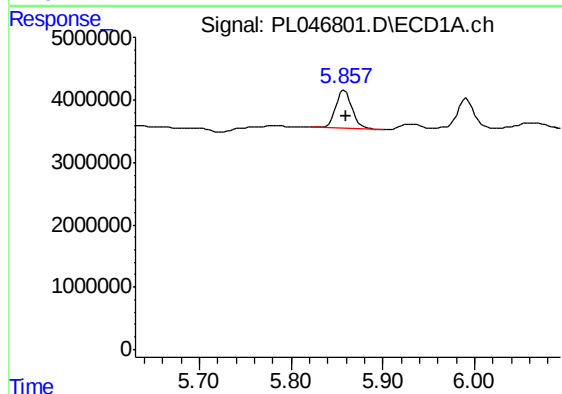
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 7604375
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



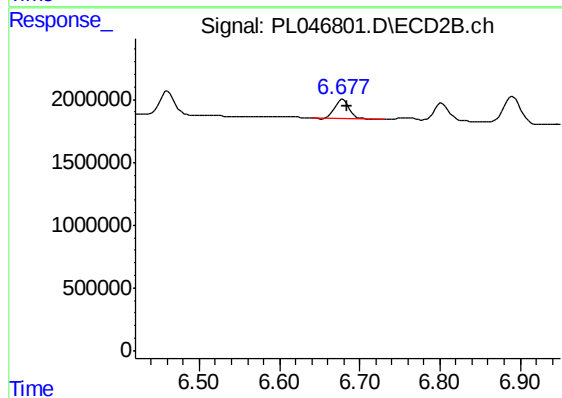
#13 Dieldrin

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 2484269
Conc: 0.92 ng/ml



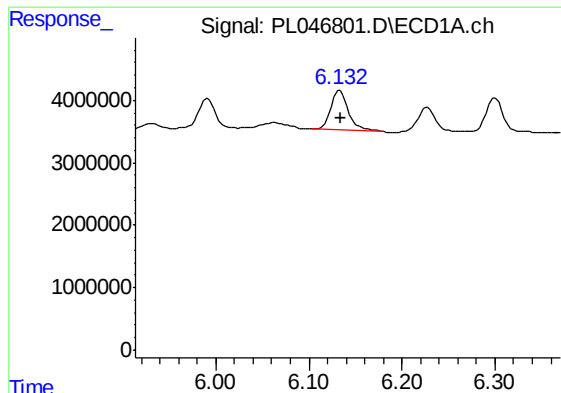
#14 Endrin

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 7805211
Conc: 0.83 ng/ml



#14 Endrin

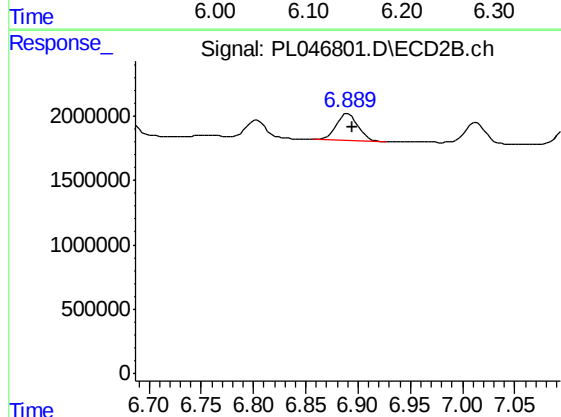
R.T.: 6.679 min
Delta R.T.: -0.006 min
Response: 1994829
Conc: 0.83 ng/ml



#15 Endosulfan II

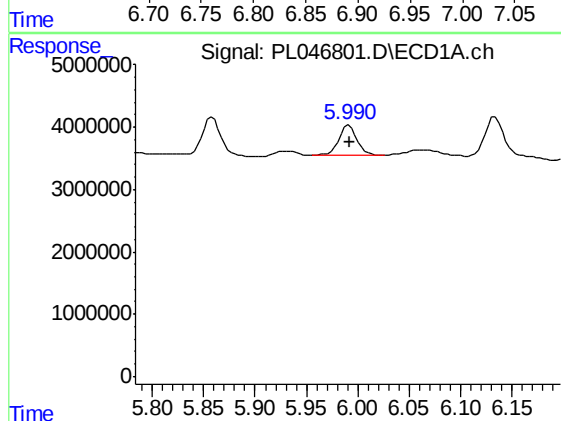
R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 8392708
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



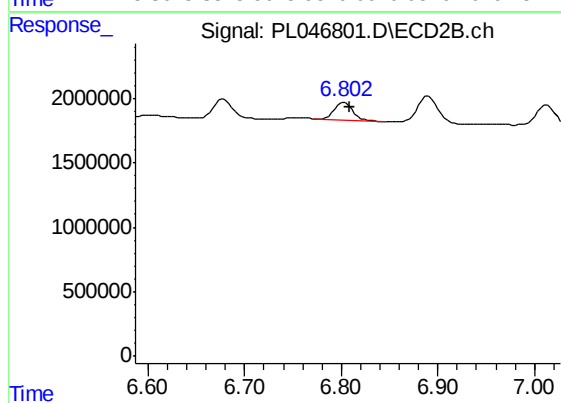
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 2979443
Conc: 1.23 ng/ml



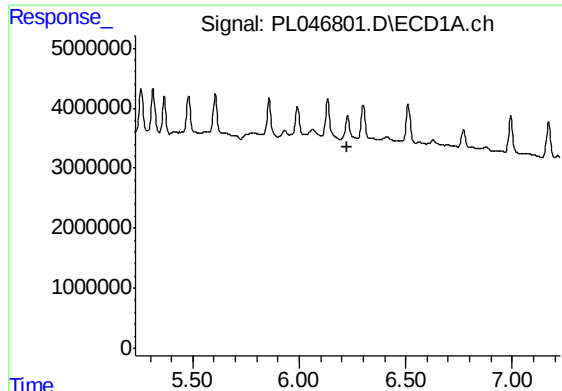
#16 4,4'-DDD

R.T.: 5.991 min
Delta R.T.: -0.001 min
Response: 5819292
Conc: 0.77 ng/ml



#16 4,4'-DDD

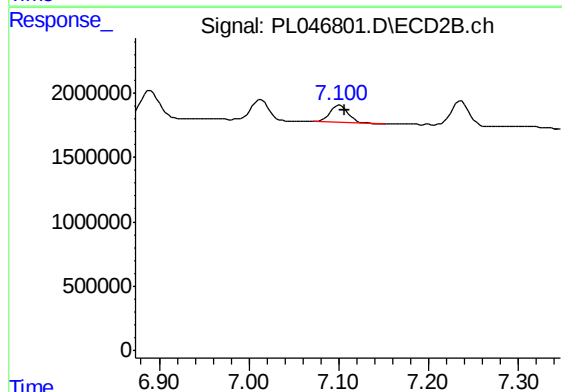
R.T.: 6.803 min
Delta R.T.: -0.005 min
Response: 1739208
Conc: 0.86 ng/ml



#17 4,4'-DDT

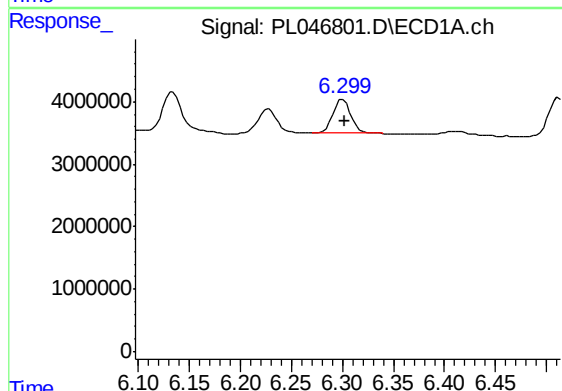
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



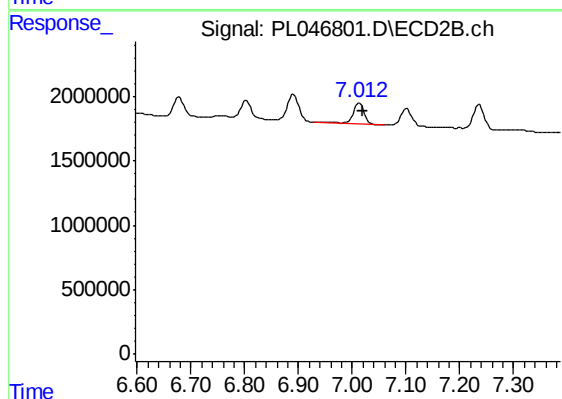
#17 4,4'-DDT

R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 1861430
Conc: 0.89 ng/ml



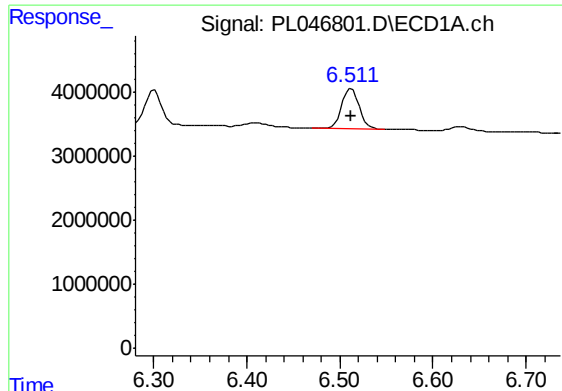
#18 Endrin aldehyde

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 6453903
Conc: 0.86 ng/ml



#18 Endrin aldehyde

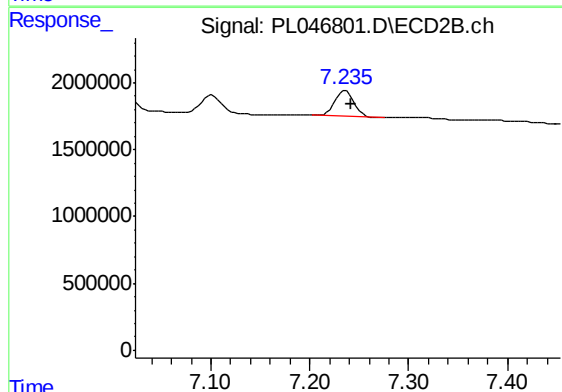
R.T.: 7.013 min
Delta R.T.: -0.005 min
Response: 2393570
Conc: 1.13 ng/ml



#19 Endosulfan Sulfate

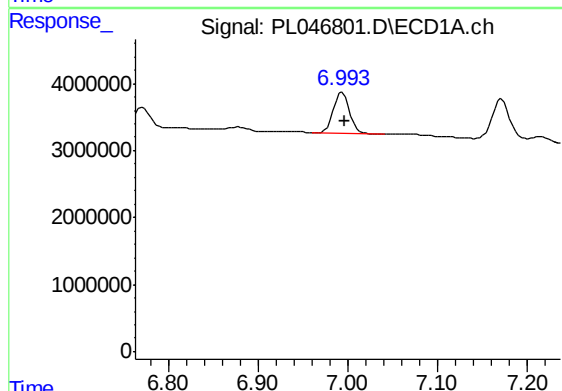
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 8186075
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



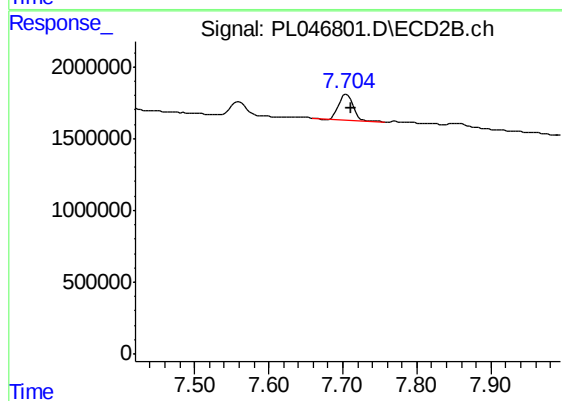
#19 Endosulfan Sulfate

R.T.: 7.236 min
Delta R.T.: -0.006 min
Response: 2639839
Conc: 1.12 ng/ml



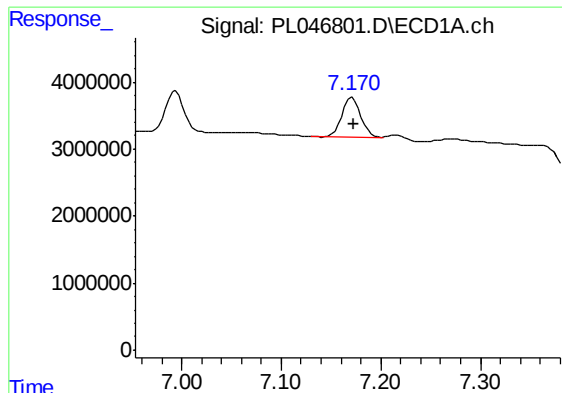
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 7584699
Conc: 0.82 ng/ml



#21 Endrin ketone

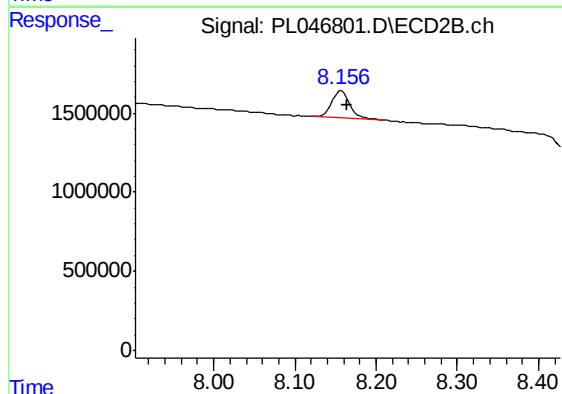
R.T.: 7.706 min
Delta R.T.: -0.006 min
Response: 2223229
Conc: 0.89 ng/ml



#22 Mirex

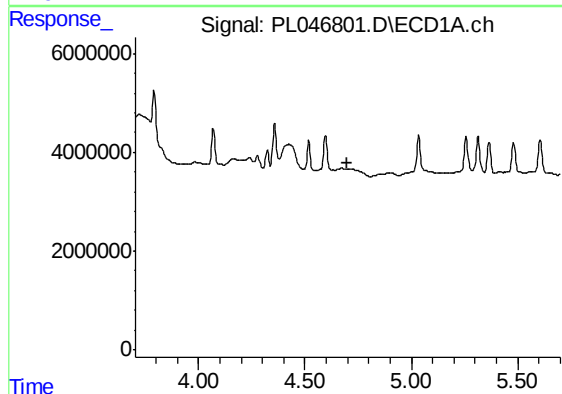
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 7694812
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



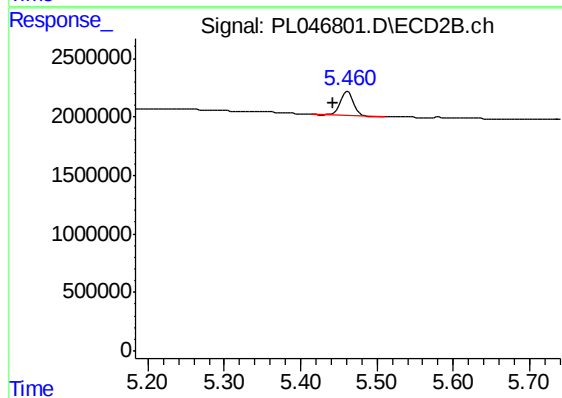
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.008 min
Response: 2581395
Conc: 1.29 ng/ml



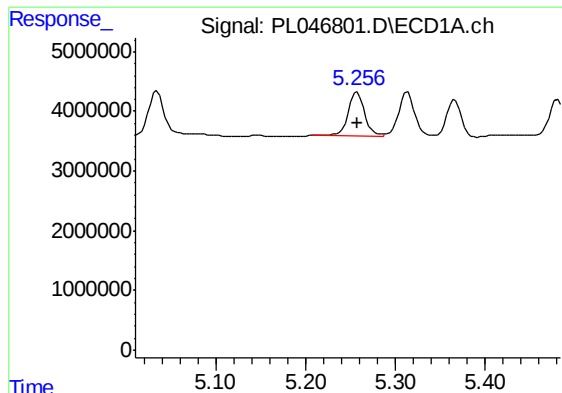
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



#24 Chlordane-2

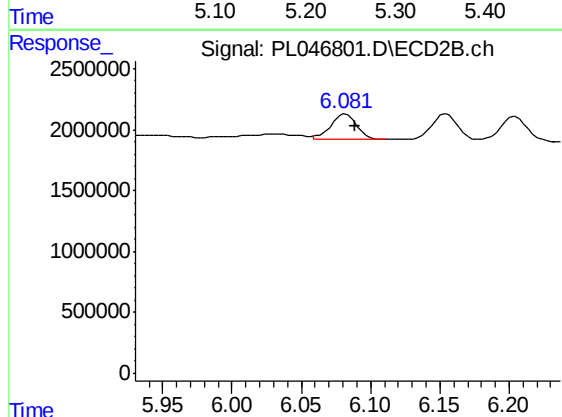
R.T.: 5.462 min
Delta R.T.: 0.019 min
Response: 2544508
Conc: 21.78 ng/ml



#25 Chlordane-3

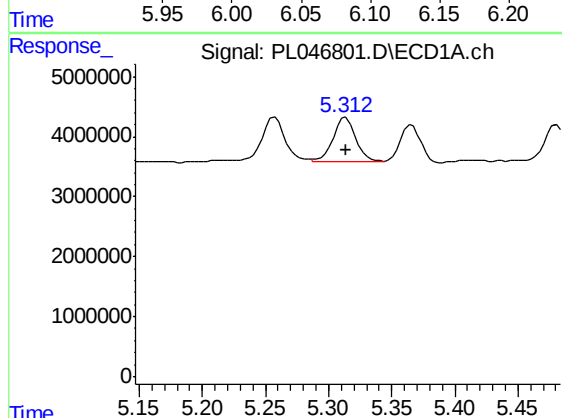
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 9453053
Conc: 8.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



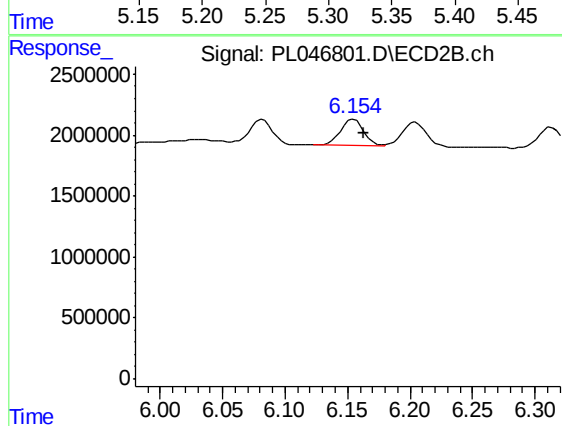
#25 Chlordane-3

R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 2650201
Conc: 6.95 ng/ml



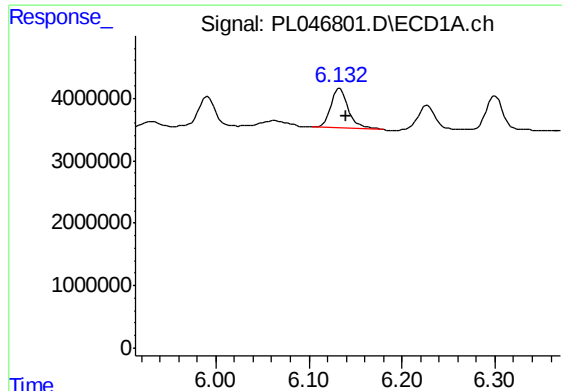
#26 Chlordane-4

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 9378551
Conc: 9.07 ng/ml



#26 Chlordane-4

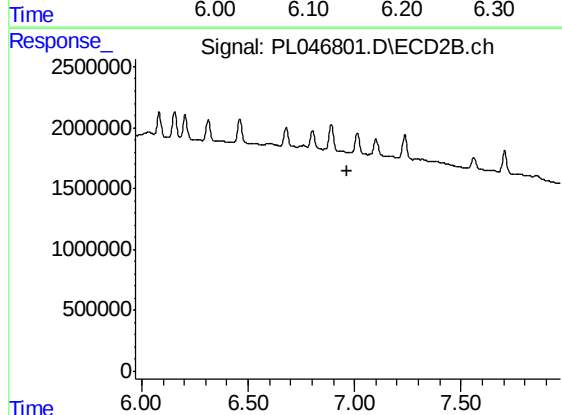
R.T.: 6.155 min
Delta R.T.: -0.008 min
Response: 2843538
Conc: 6.16 ng/ml



#27 Chlordane-5

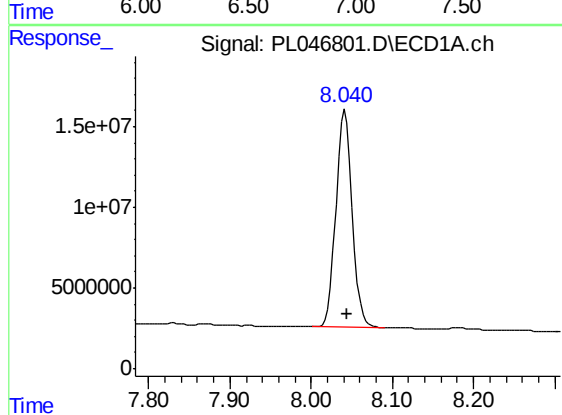
R.T.: 6.134 min
Delta R.T.: -0.006 min
Response: 8392708
Conc: 24.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



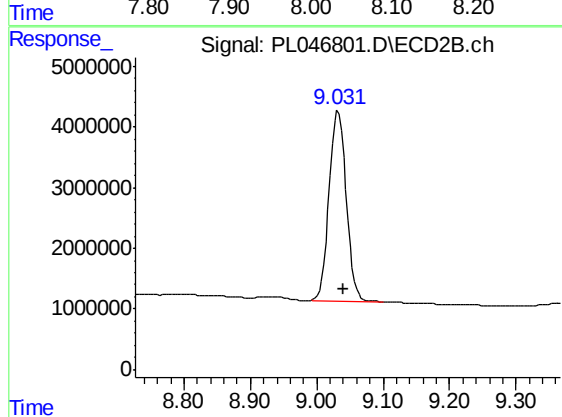
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 188251380
Conc: 22.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: -0.007 min
Response: 56047171
Conc: 24.17 ng/ml