

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041219\
 Data File : PL047322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2019 14:46
 Operator : AJ\SJ
 Sample : K2241-01
 Misc : LOD 2.5 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 23:24:40 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...	3.357	3.976	153.9E6	46784237	21.153	20.433
28)	SA Decachlor...	8.034	9.028	198.9E6	56236251	23.649	24.256
Target Compounds							
2)	A alpha-BHC	3.786	4.365	29359034	6394430	2.517	1.990
3)	MA gamma-BHC...	4.064	4.649	22895641	6139185	2.131	2.051
4)	MA Heptachlor	4.350	5.156	25933931	8309198	2.352	2.701
5)	MB Aldrin	4.590	5.459	22604089	7061549	2.191	2.465
6)	B beta-BHC	4.317	4.824	11546064	2433129	2.564	1.835 #
7)	B delta-BHC	4.512	5.039	18905501	1375749	1.868	0.593 #
8)	B Heptachlor...	5.028	5.845	23687952	6377542	2.429	2.418
9)	A Endosulfan I	5.359	6.202	22266581	6766763	2.368	2.593
10)	B gamma-Chl...	5.250	6.080	24660099	7288758	2.401	2.568
11)	B alpha-Chl...	5.306	6.152	24636356	7444214	2.430	2.624
12)	B 4,4'-DDE	5.474	6.310	20104187	5921984	2.184	2.386
13)	MA Dieldrin	5.599	6.458	22094304	6621871	2.202	2.443
14)	MA Endrin	5.852	6.676	21106912	5890194	2.241	2.465
15)	B Endosulfa...	6.127	6.887	21515680	6466802	2.401	2.680
16)	A 4,4'-DDD	5.985	6.801	16283736	4752558	2.154	2.362
17)	MA 4,4'-DDT	6.220	7.098	13903944	4759411	1.836	2.270
18)	B Endrin al...	6.293	7.011	18748389	5732650	2.501	2.699
19)	B Endosulfa...	6.505	7.233	21454315	6559088	2.613	2.780
20)	A Methoxychlor	6.765	7.557	10551480	3459364	2.483	2.714
21)	B Endrin ke...	6.988	7.703	21643892	6457032	2.341	2.599
22)	Mirex	7.164	8.155	21907850	6475171	3.007	3.237
24)	Chlordane-2	0.000	5.459f	0	7061549	N.D.	60.454 #
25)	Chlordane-3	5.250	6.080	24660099	7288758	22.143	19.117
26)	Chlordane-4	5.306	6.152	24636356	7444214	23.825	16.133 #
27)	Chlordane-5	6.127	0.000	21515680	0	63.046	N.D. #

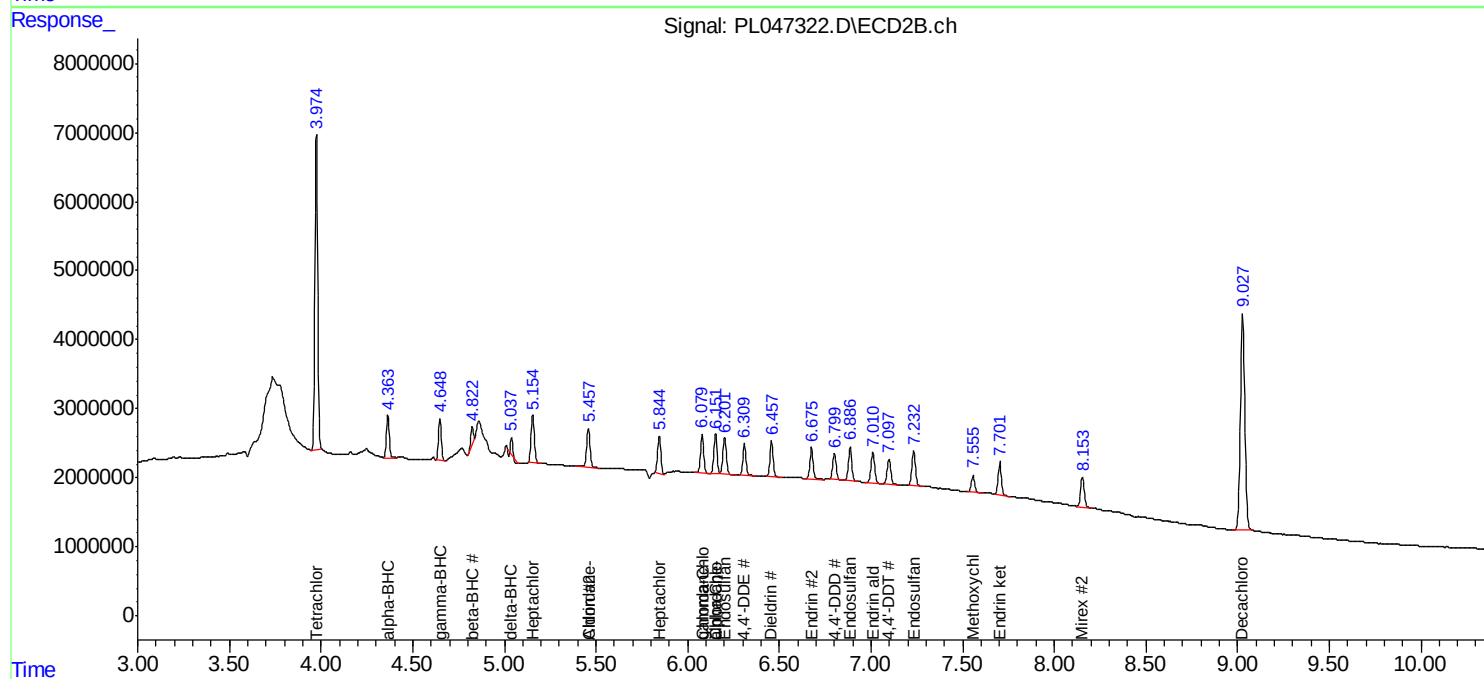
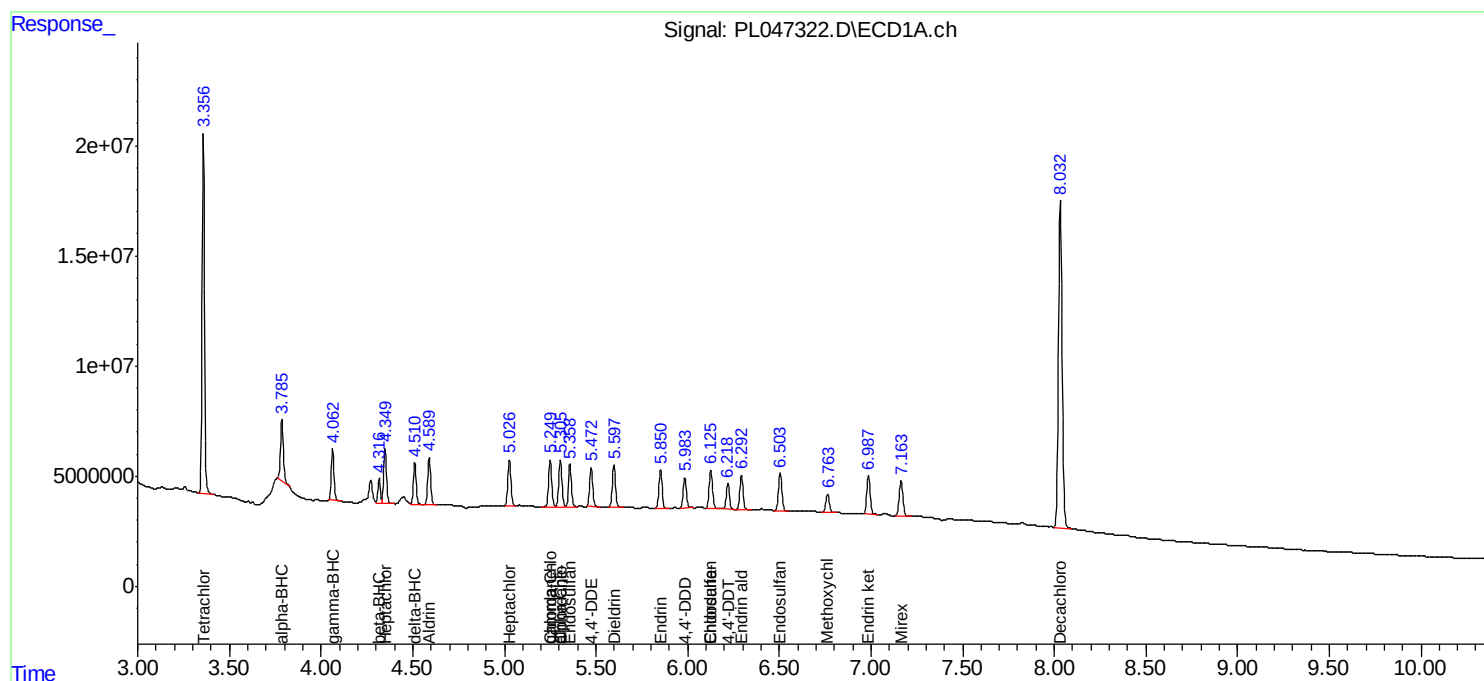
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

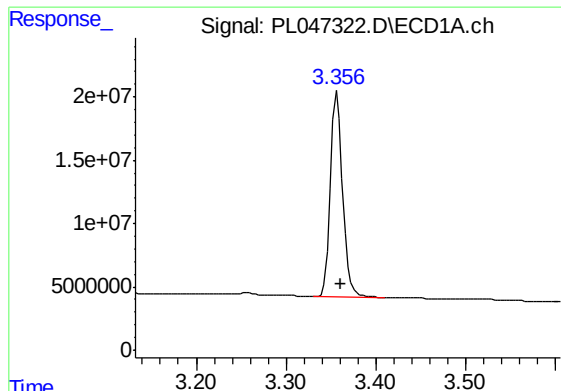
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041219\
Data File : PL047322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2019 14:46
Operator : AJ\SJ
Sample : K2241-01
Misc : LOD 2.5 PPB
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 23:24:40 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

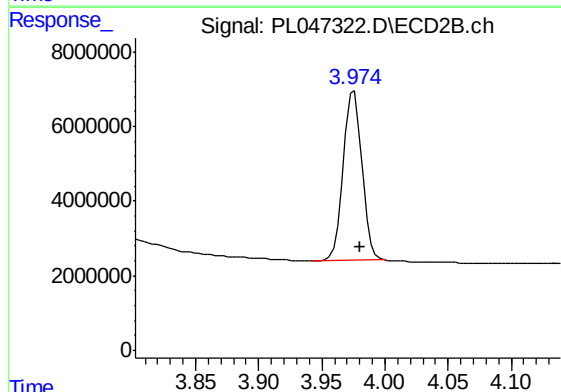




#1 Tetrachloro-m-xylene

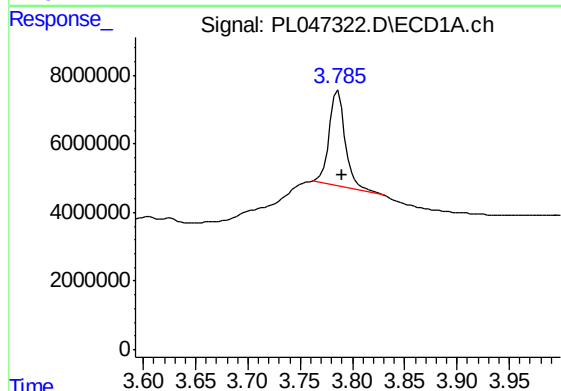
R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 153880616
Conc: 21.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



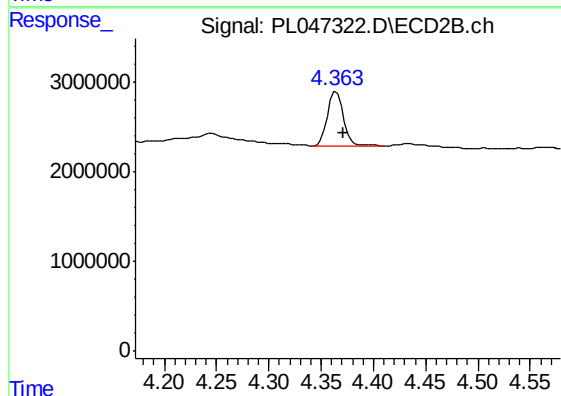
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 46784237
Conc: 20.43 ng/ml



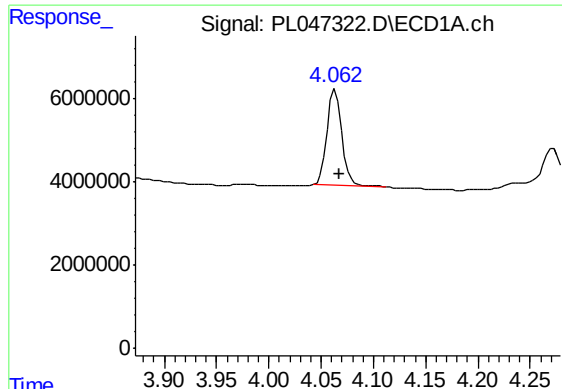
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: -0.004 min
Response: 29359034
Conc: 2.52 ng/ml



#2 alpha-BHC

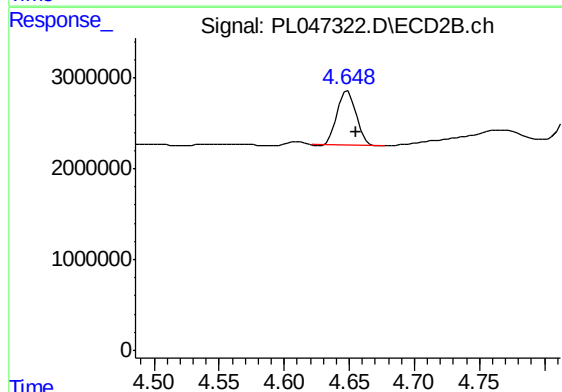
R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 6394430
Conc: 1.99 ng/ml



#3 gamma-BHC (Lindane)

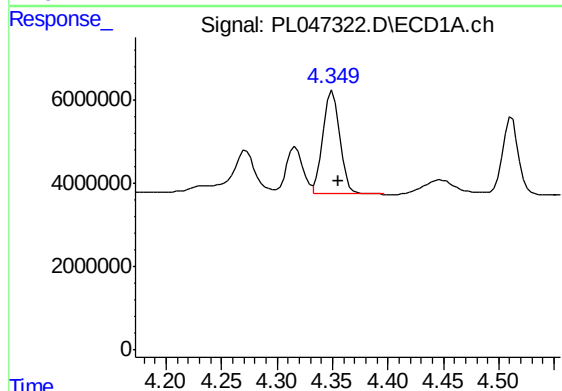
R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 22895641
Conc: 2.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



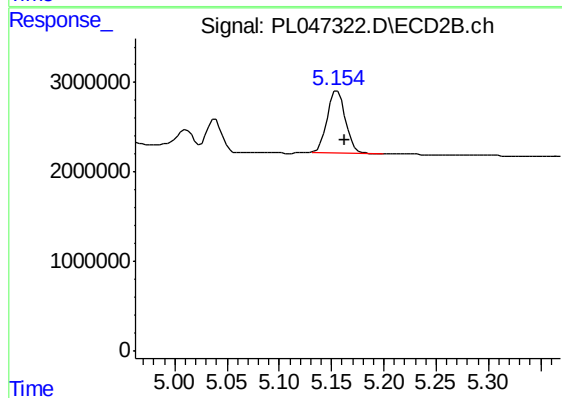
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 6139185
Conc: 2.05 ng/ml



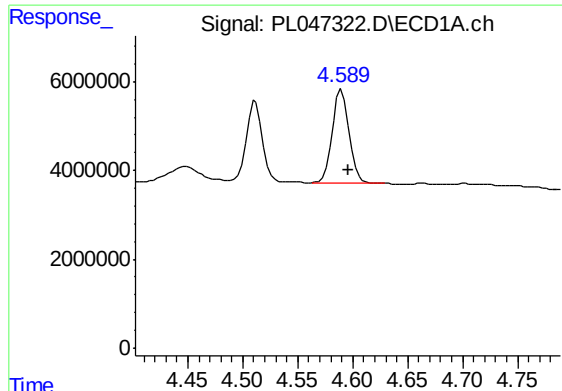
#4 Heptachlor

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 25933931
Conc: 2.35 ng/ml



#4 Heptachlor

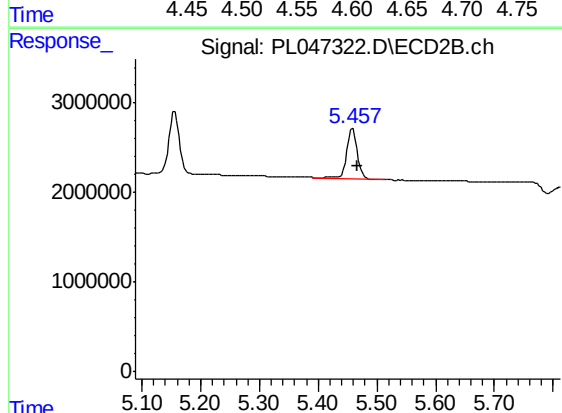
R.T.: 5.156 min
Delta R.T.: -0.007 min
Response: 8309198
Conc: 2.70 ng/ml



#5 Aldrin

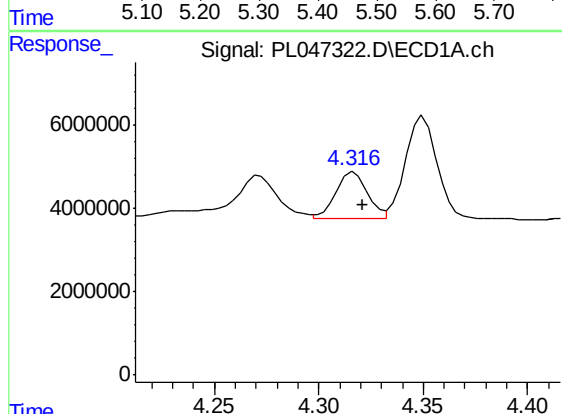
R.T.: 4.590 min
Delta R.T.: -0.006 min
Response: 22604089
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



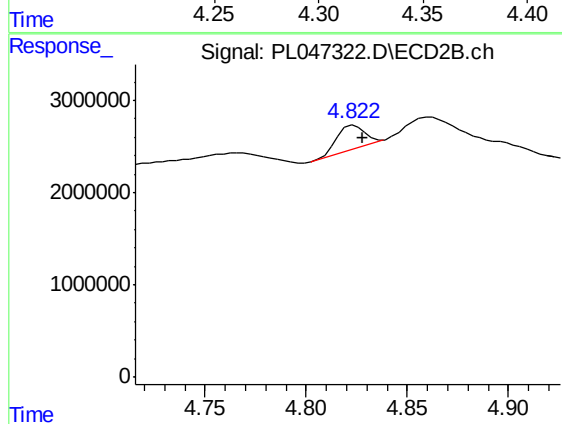
#5 Aldrin

R.T.: 5.459 min
Delta R.T.: -0.008 min
Response: 7061549
Conc: 2.46 ng/ml



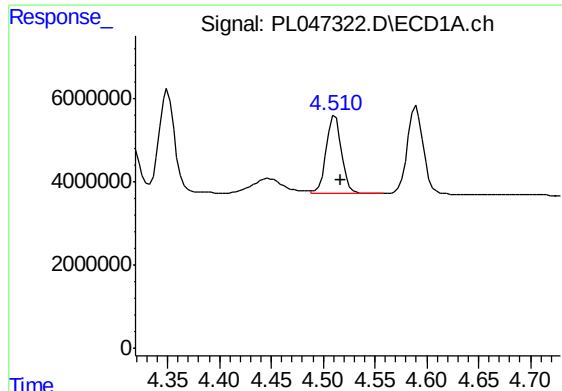
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 11546064
Conc: 2.56 ng/ml



#6 beta-BHC

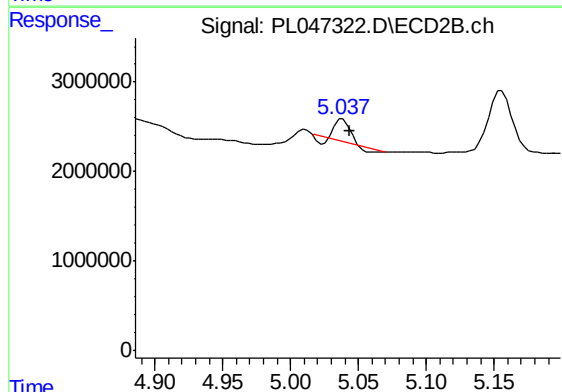
R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 2433129
Conc: 1.84 ng/ml



#7 delta-BHC

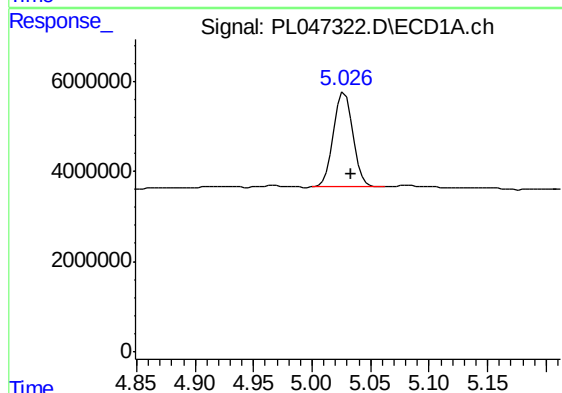
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 18905501
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



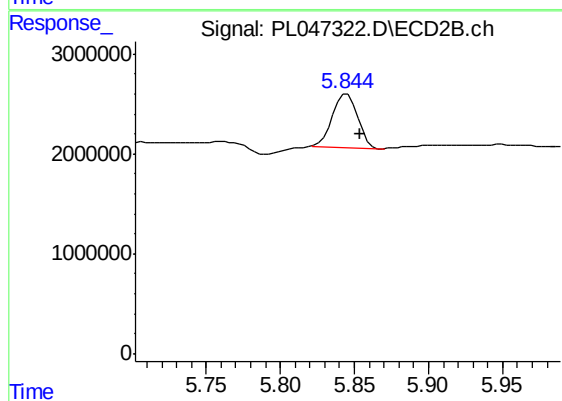
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 1375749
Conc: 0.59 ng/ml



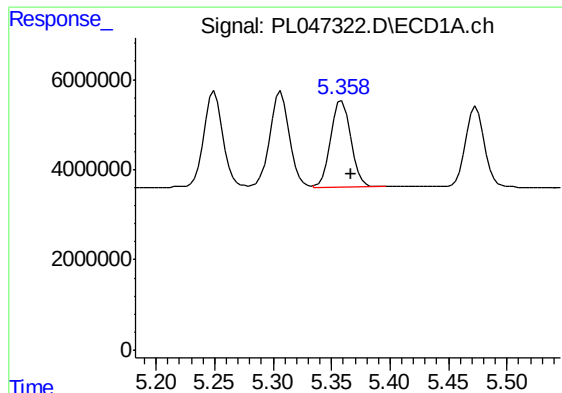
#8 Heptachlor epoxide

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 23687952
Conc: 2.43 ng/ml



#8 Heptachlor epoxide

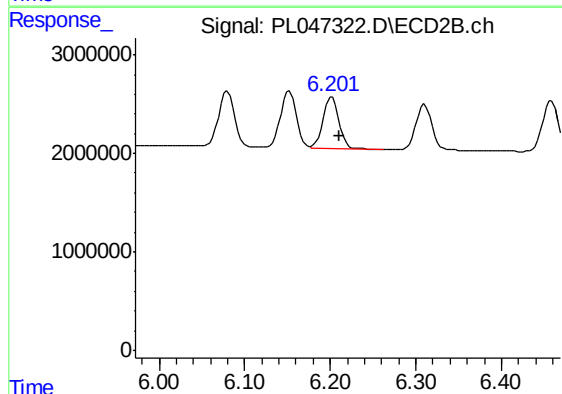
R.T.: 5.845 min
Delta R.T.: -0.008 min
Response: 6377542
Conc: 2.42 ng/ml



#9 Endosulfan I

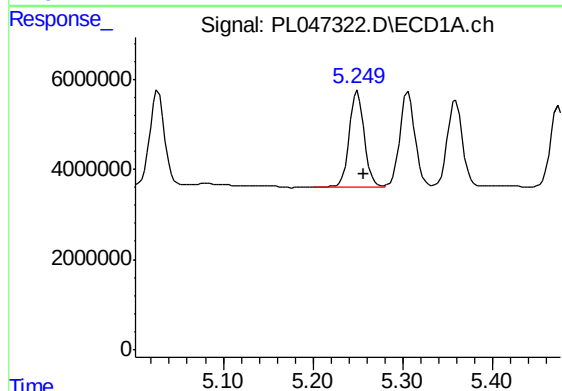
R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 22266581
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



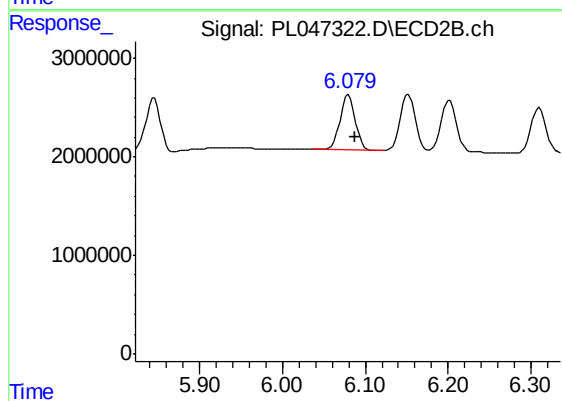
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 6766763
Conc: 2.59 ng/ml



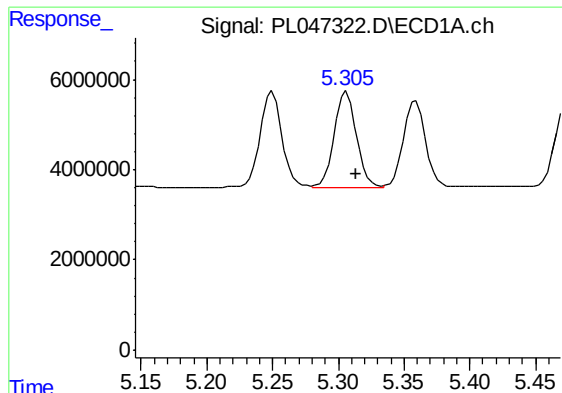
#10 gamma-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 24660099
Conc: 2.40 ng/ml



#10 gamma-Chlordane

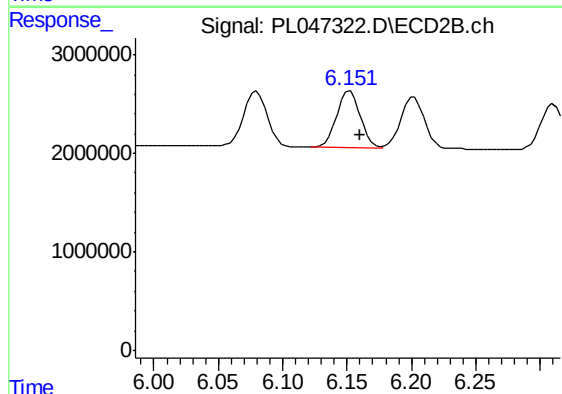
R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 7288758
Conc: 2.57 ng/ml



#11 alpha-Chlordane

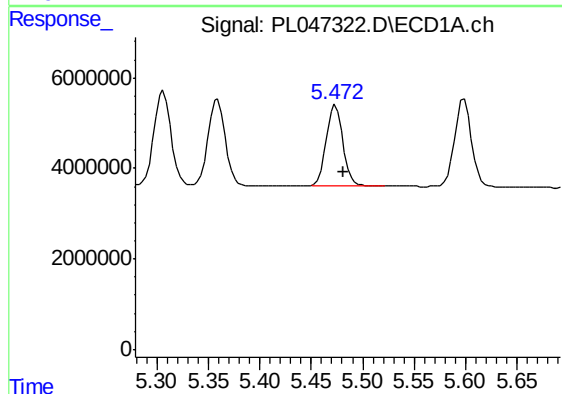
R.T.: 5.306 min
Delta R.T.: -0.008 min
Response: 24636356
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



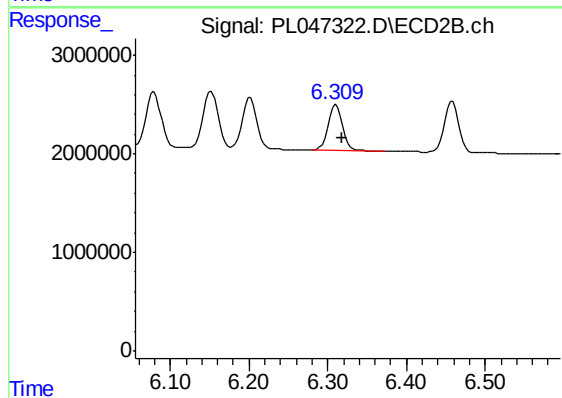
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 7444214
Conc: 2.62 ng/ml



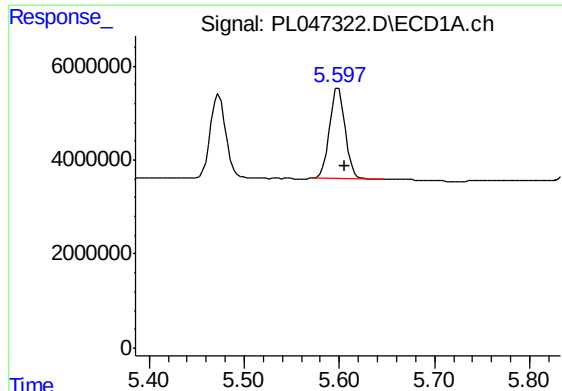
#12 4,4'-DDE

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 20104187
Conc: 2.18 ng/ml



#12 4,4'-DDE

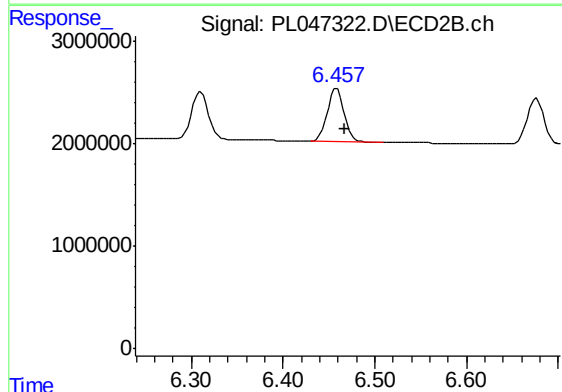
R.T.: 6.310 min
Delta R.T.: -0.008 min
Response: 5921984
Conc: 2.39 ng/ml



#13 Dieldrin

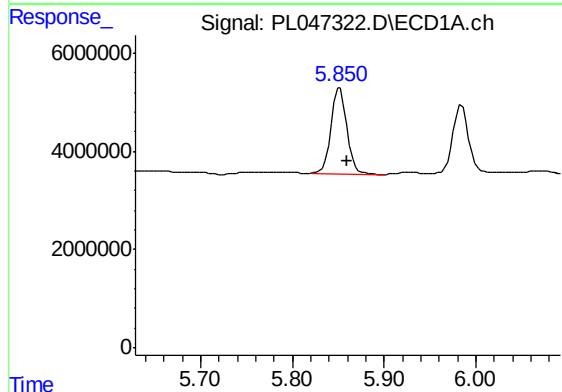
R.T.: 5.599 min
Delta R.T.: -0.007 min
Response: 22094304
Conc: 2.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



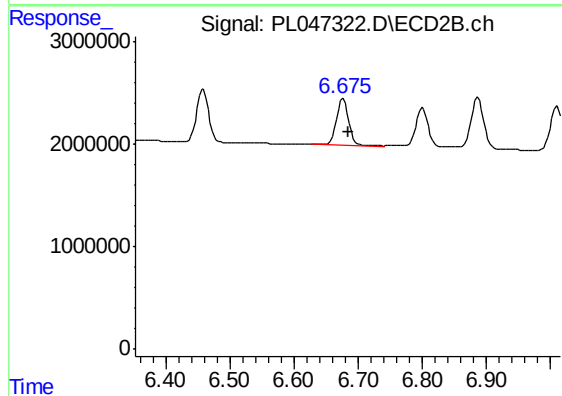
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 6621871
Conc: 2.44 ng/ml



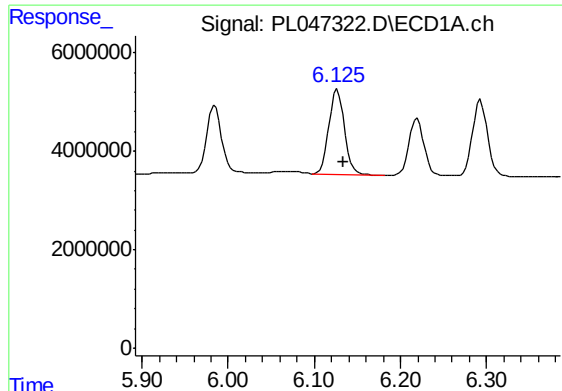
#14 Endrin

R.T.: 5.852 min
Delta R.T.: -0.008 min
Response: 21106912
Conc: 2.24 ng/ml



#14 Endrin

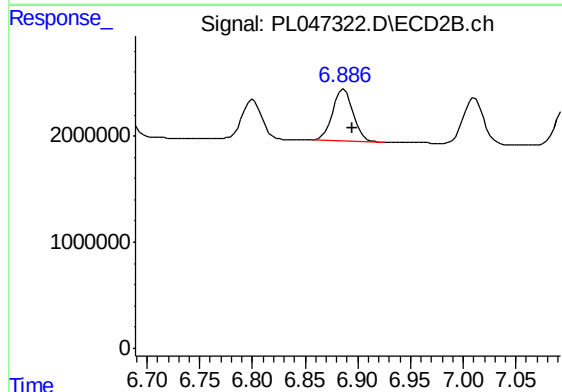
R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 5890194
Conc: 2.46 ng/ml



#15 Endosulfan II

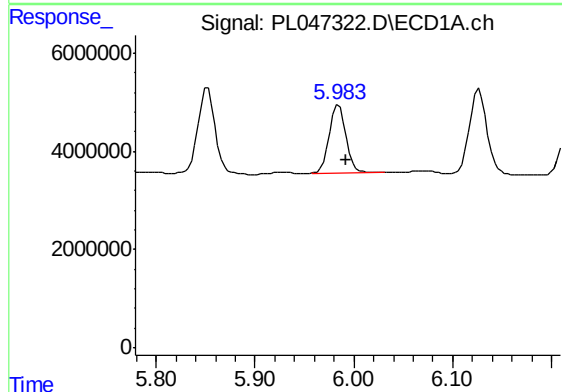
R.T.: 6.127 min
Delta R.T.: -0.007 min
Response: 21515680
Conc: 2.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



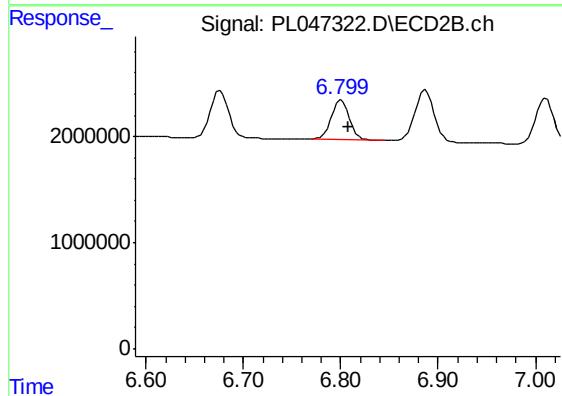
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: -0.008 min
Response: 6466802
Conc: 2.68 ng/ml



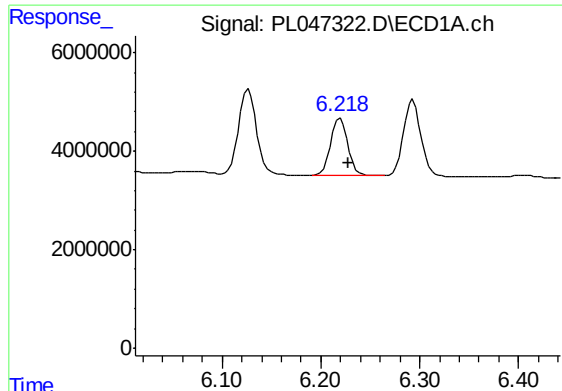
#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: -0.008 min
Response: 16283736
Conc: 2.15 ng/ml



#16 4,4'-DDD

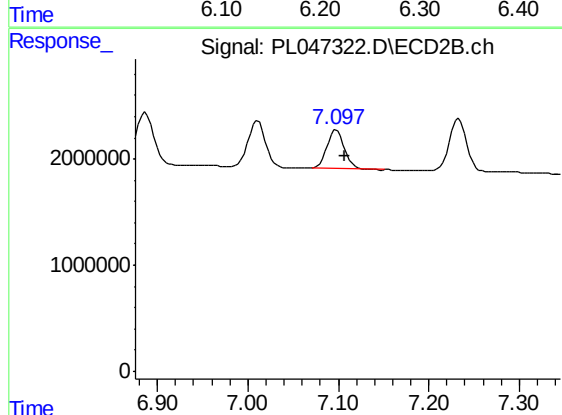
R.T.: 6.801 min
Delta R.T.: -0.008 min
Response: 4752558
Conc: 2.36 ng/ml



#17 4,4'-DDT

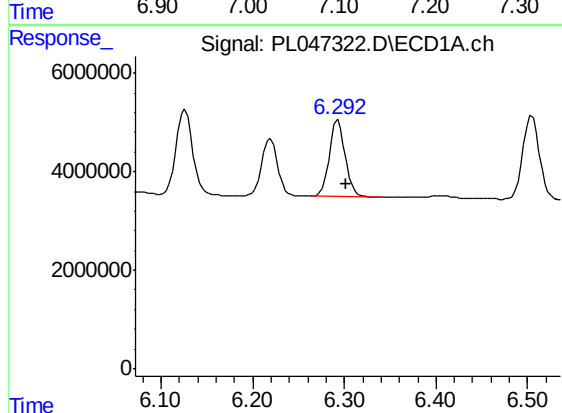
R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 13903944
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



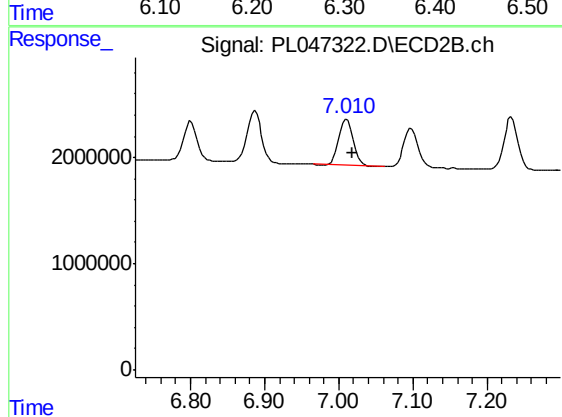
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: -0.009 min
Response: 4759411
Conc: 2.27 ng/ml



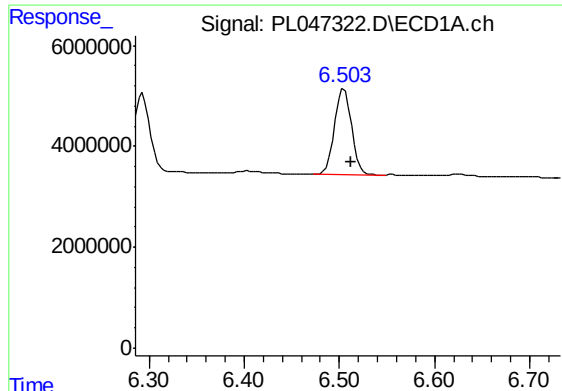
#18 Endrin aldehyde

R.T.: 6.293 min
Delta R.T.: -0.008 min
Response: 18748389
Conc: 2.50 ng/ml



#18 Endrin aldehyde

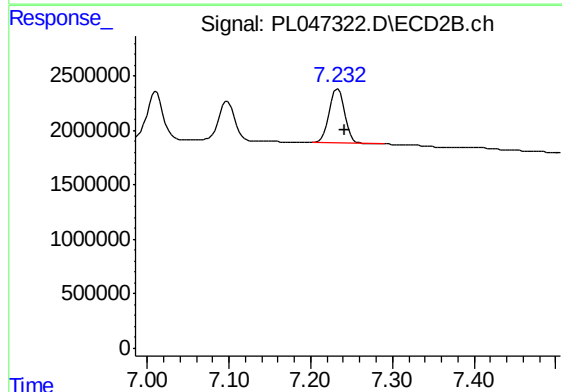
R.T.: 7.011 min
Delta R.T.: -0.008 min
Response: 5732650
Conc: 2.70 ng/ml



#19 Endosulfan Sulfate

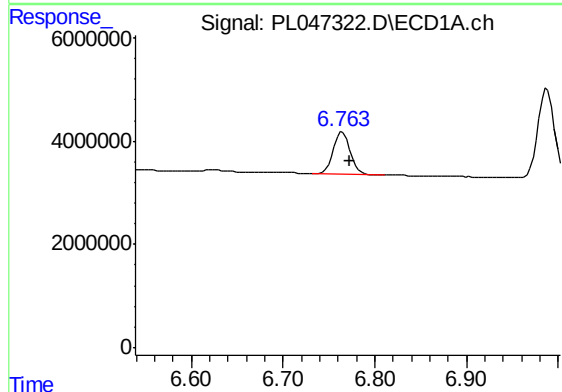
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 21454315
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



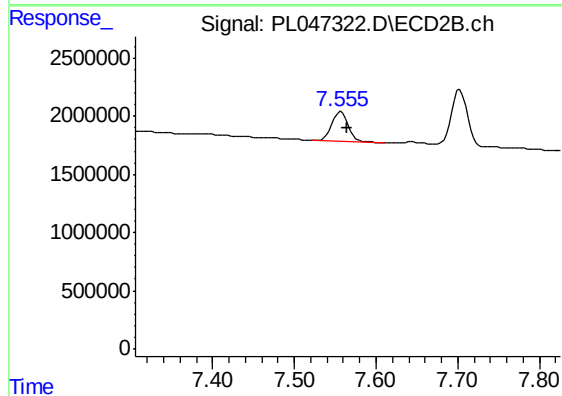
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.008 min
Response: 6559088
Conc: 2.78 ng/ml



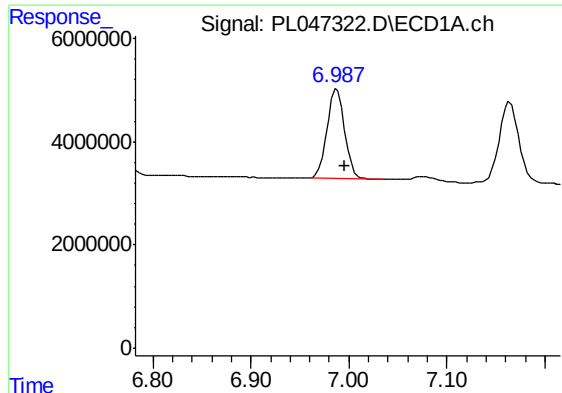
#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.008 min
Response: 10551480
Conc: 2.48 ng/ml



#20 Methoxychlor

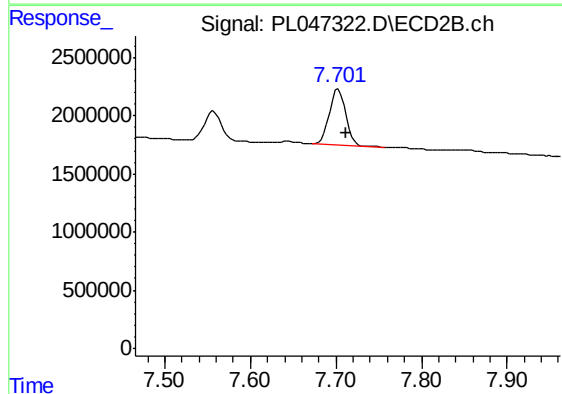
R.T.: 7.557 min
Delta R.T.: -0.009 min
Response: 3459364
Conc: 2.71 ng/ml



#21 Endrin ketone

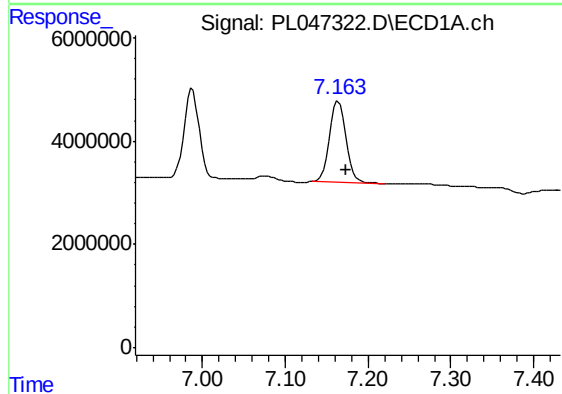
R.T.: 6.988 min
Delta R.T.: -0.008 min
Response: 21643892
Conc: 2.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



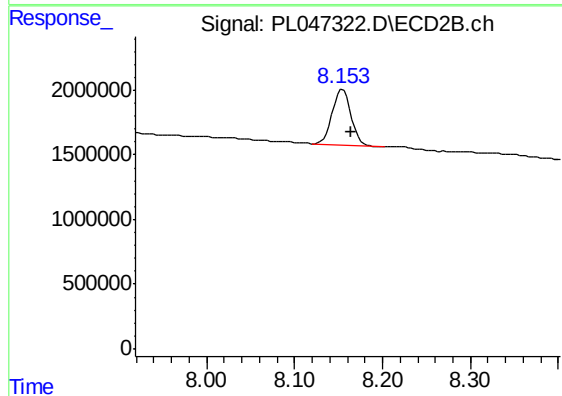
#21 Endrin ketone

R.T.: 7.703 min
Delta R.T.: -0.009 min
Response: 6457032
Conc: 2.60 ng/ml



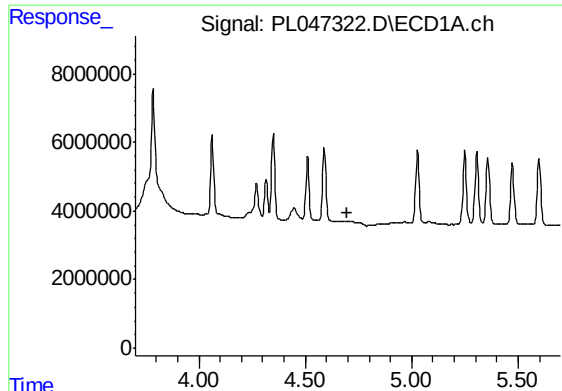
#22 Mirex

R.T.: 7.164 min
Delta R.T.: -0.009 min
Response: 21907850
Conc: 3.01 ng/ml



#22 Mirex

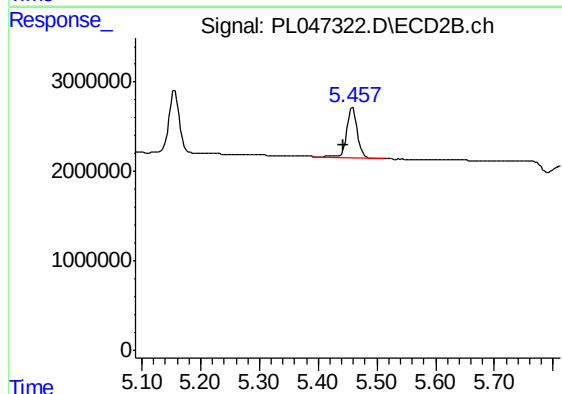
R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 6475171
Conc: 3.24 ng/ml



#24 Chlordane-2

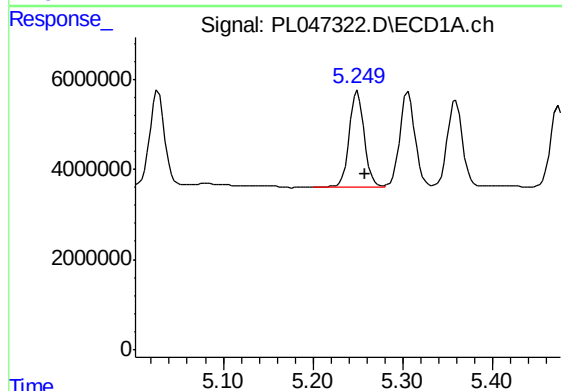
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



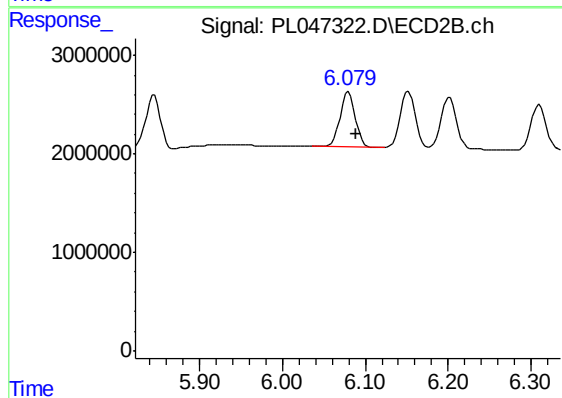
#24 Chlordane-2

R.T.: 5.459 min
Delta R.T.: 0.016 min
Response: 7061549
Conc: 60.45 ng/ml



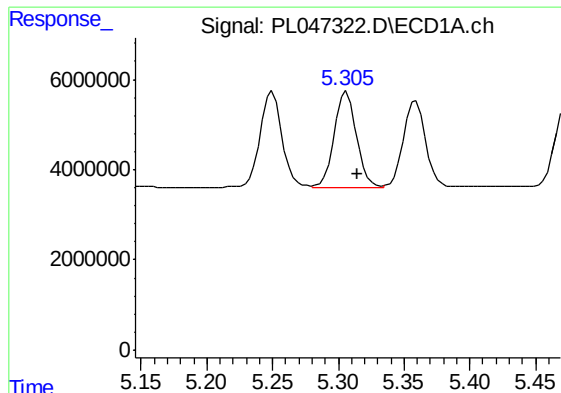
#25 Chlordane-3

R.T.: 5.250 min
Delta R.T.: -0.008 min
Response: 24660099
Conc: 22.14 ng/ml



#25 Chlordane-3

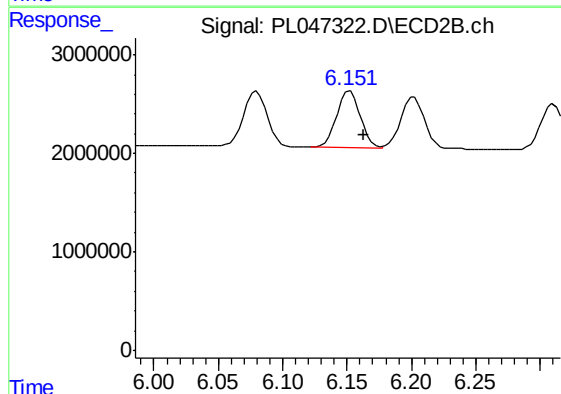
R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 7288758
Conc: 19.12 ng/ml



#26 Chlordane-4

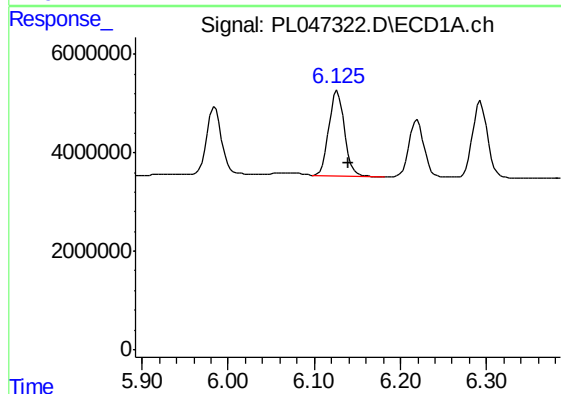
R.T.: 5.306 min
Delta R.T.: -0.008 min
Response: 24636356
Conc: 23.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



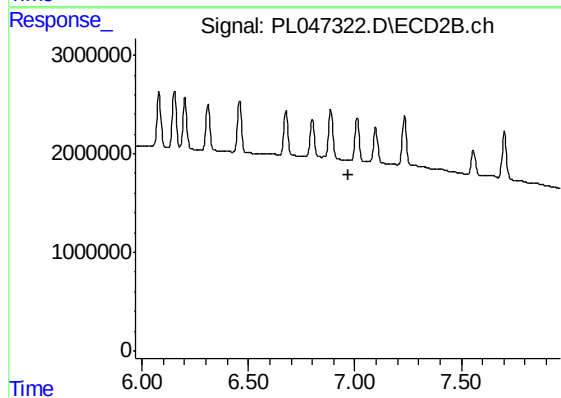
#26 Chlordane-4

R.T.: 6.152 min
Delta R.T.: -0.011 min
Response: 7444214
Conc: 16.13 ng/ml



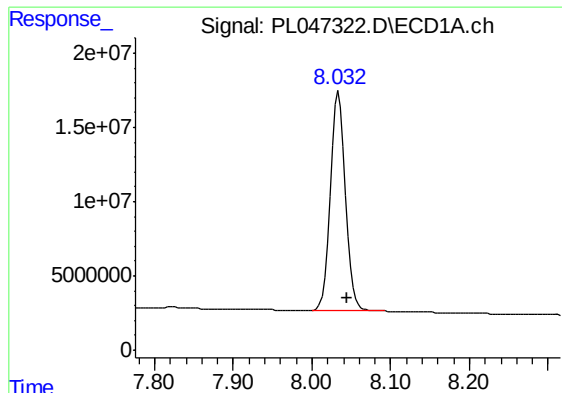
#27 Chlordane-5

R.T.: 6.127 min
Delta R.T.: -0.013 min
Response: 21515680
Conc: 63.05 ng/ml



#27 Chlordane-5

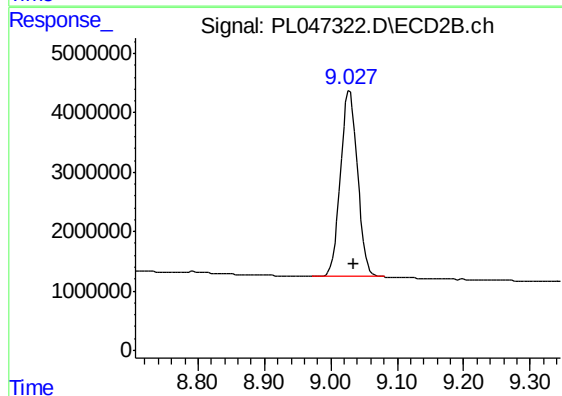
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.034 min
Delta R.T.: -0.010 min
Response: 198911791
Conc: 23.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: -0.007 min
Response: 56236251
Conc: 24.26 ng/ml