

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
 Data File : PL046805.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2019 15:37
 Operator : AJ\SJ
 Sample : K1560-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 19 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:24:07 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...	3.358	3.977	137.0E6	42776939	18.827	18.683
28)	SA Decachlor...	8.036	9.030	187.7E6	55416760	22.320	23.902
Target Compounds							
2)	A alpha-BHC	3.787	4.366	23113458	5851849	1.982	1.821
3)	MA gamma-BHC...	4.065	4.651	20091503	5654288	1.870	1.889
4)	MA Heptachlor	4.352	5.157	23500722	7726118	2.132	2.512
5)	MB Aldrin	4.592	5.461	20145100	6484774	1.953	2.263
6)	B beta-BHC	4.318	4.824	10424079	2662861	2.315	2.009
7)	B delta-BHC	4.513	5.039	16282970	2312853	1.609	0.997 #
8)	B Heptachlor...	5.029	5.847	21505283	6853576	2.205	2.599
9)	A Endosulfan I	5.361	6.203	20049151	6475785	2.132	2.481
10)	B gamma-Chl...	5.252	6.081	22177507	6978112	2.159	2.459
11)	B alpha-Chl...	5.308	6.153	22464814	7124382	2.216	2.512
12)	B 4,4'-DDE	5.475	6.312	18191593	5613667	1.976	2.261
13)	MA Dieldrin	5.600	6.460	19856216	6387444	1.979	2.356
14)	MA Endrin	5.853	6.677	18795311	5617574	1.995	2.351
15)	B Endosulfa...	6.128	6.888	19983678	6367169	2.230	2.639
16)	A 4,4'-DDD	5.986	6.802	14635598	4687784	1.936	2.330
17)	MA 4,4'-DDT	6.221	7.100	12889793	4695217	1.702	2.239 #
18)	B Endrin al...	6.295	7.012	17278899	5554511	2.305	2.615
19)	B Endosulfa...	6.506	7.235	20216986	6445471	2.462	2.732
20)	A Methoxychlor	6.767	7.559	9838124	3441430	2.315	2.700
21)	B Endrin ke...	6.990	7.704	20259729	6212215	2.191	2.500
22)	Mirex	7.167	8.156	20591555	6353234	2.826	3.176
24)	Chlordane-2	0.000	5.461f	0	6484774	N.D.	55.516 #
25)	Chlordane-3	5.252	6.081	22177507	6978112	19.914	18.302
26)	Chlordane-4	5.308	6.153	22464814	7124382	21.725	15.440 #
27)	Chlordane-5	6.128	0.000	19983678	0	58.557	N.D. #

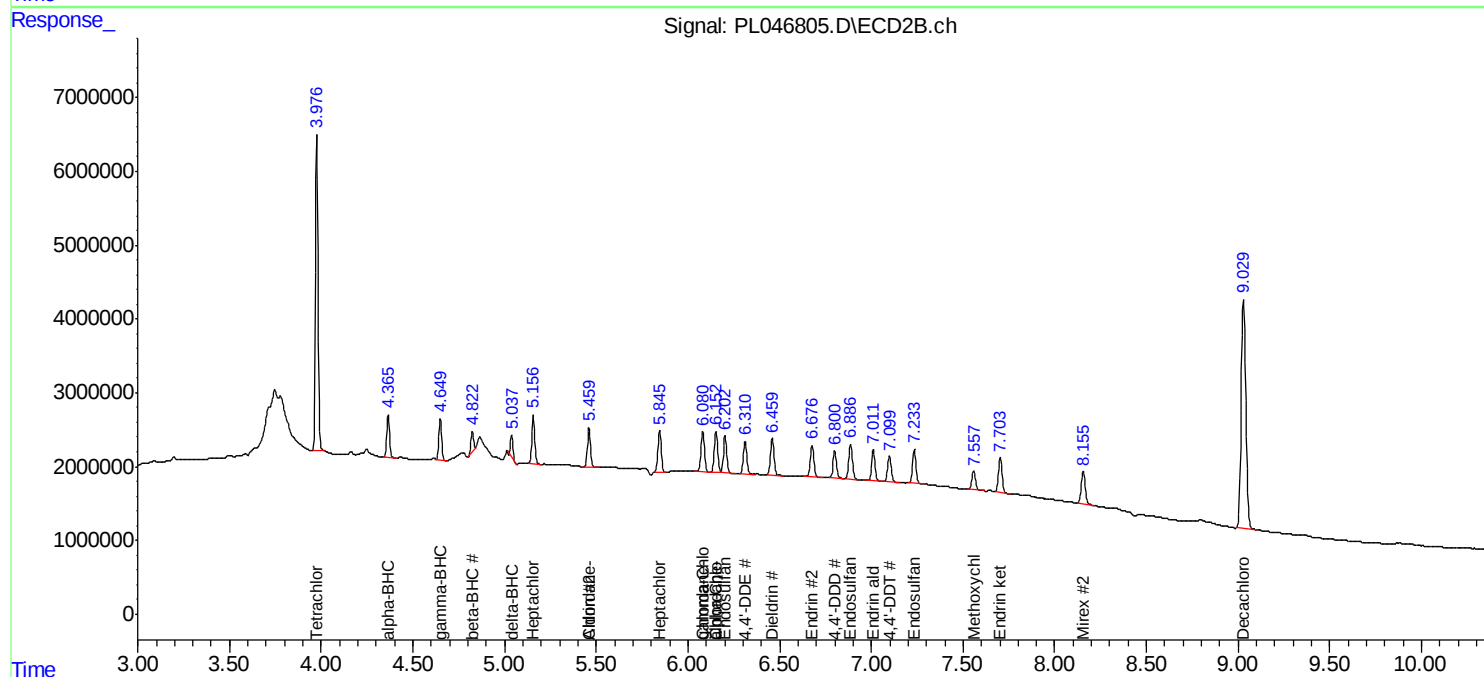
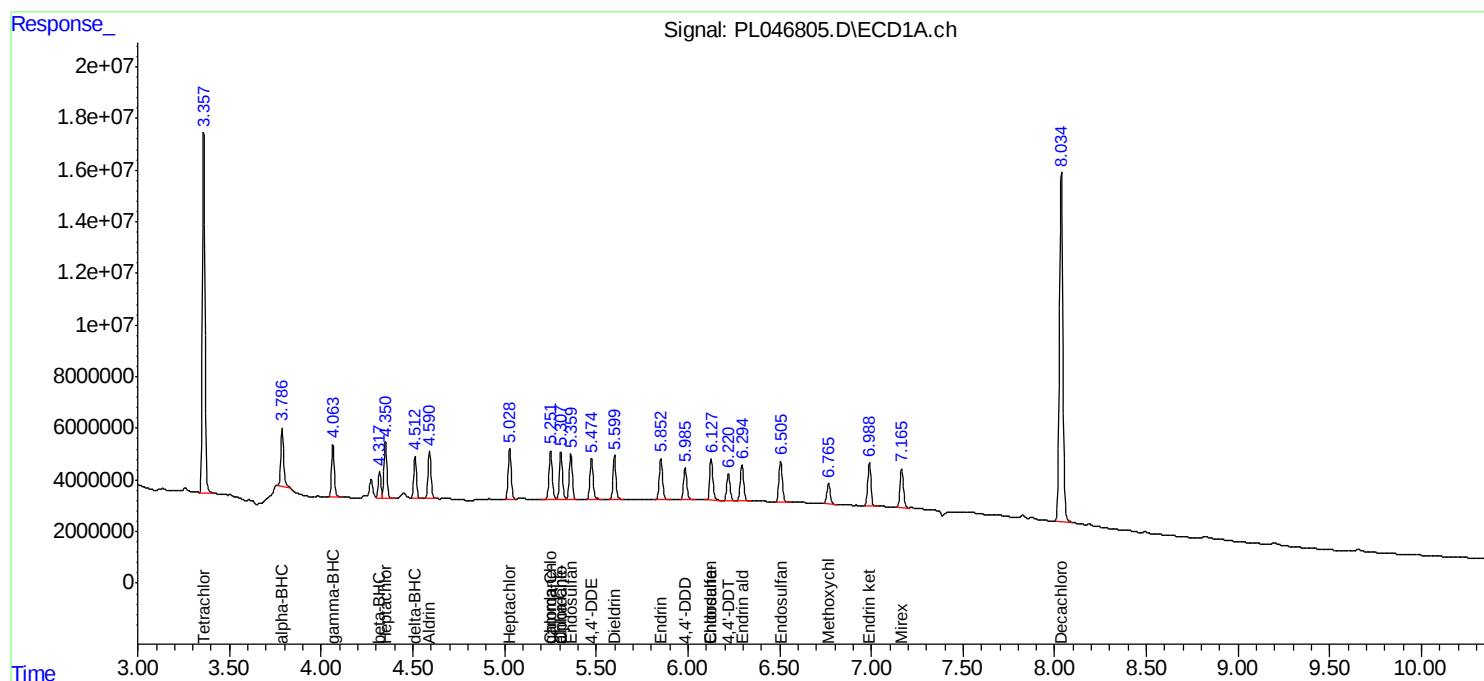
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

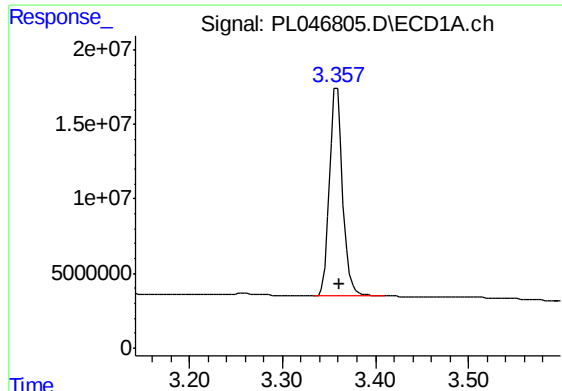
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
Data File : PL046805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2019 15:37
Operator : AJ\SJ
Sample : K1560-07
Misc : PEST LOD 2.5 PPB
ALS Vial : 19 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:24:07 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

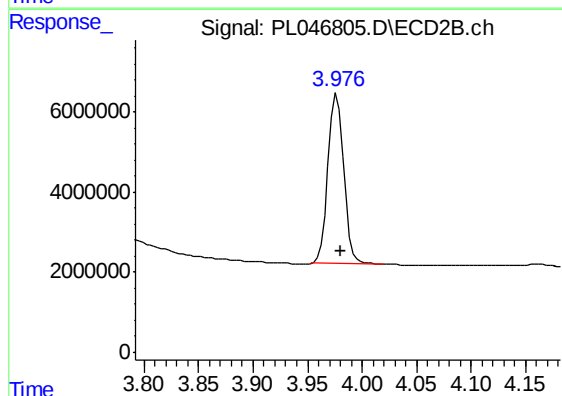




#1 Tetrachloro-m-xylene

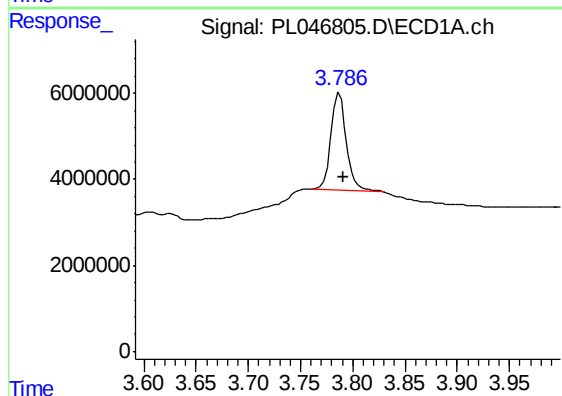
R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 136957592
Conc: 18.83 ng/ml

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



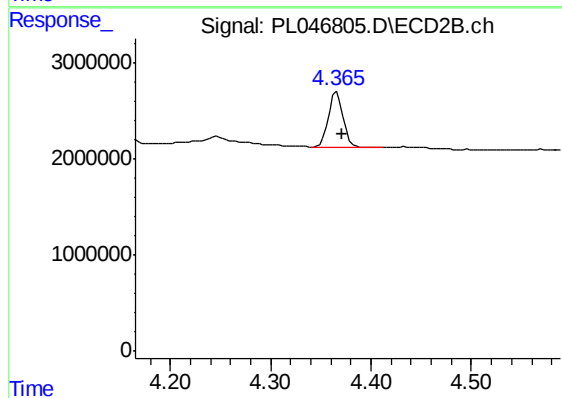
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 42776939
Conc: 18.68 ng/ml



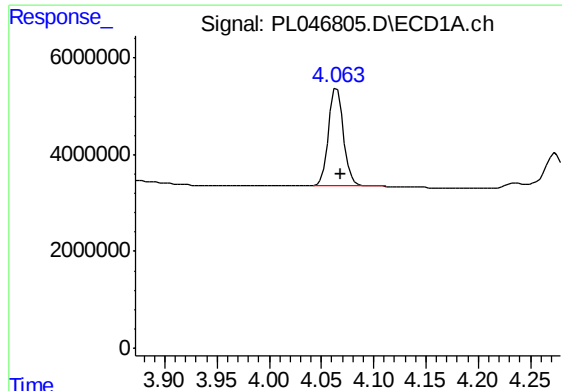
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 23113458
Conc: 1.98 ng/ml



#2 alpha-BHC

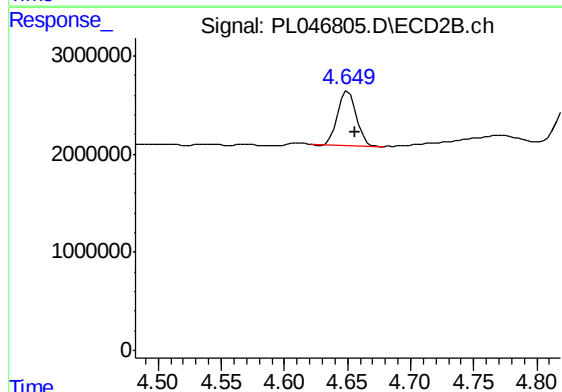
R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 5851849
Conc: 1.82 ng/ml



#3 gamma-BHC (Lindane)

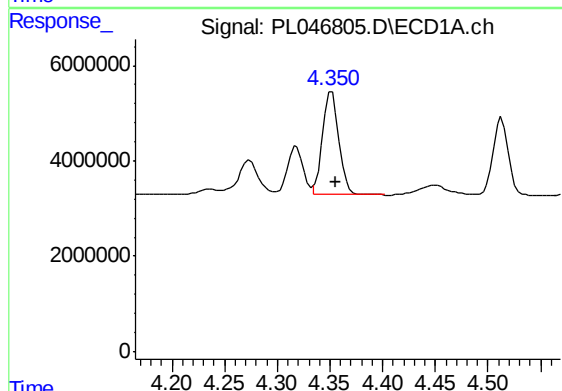
R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 20091503
Conc: 1.87 ng/ml

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



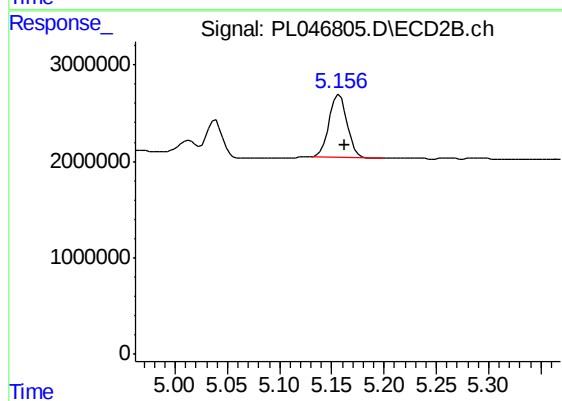
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.005 min
Response: 5654288
Conc: 1.89 ng/ml



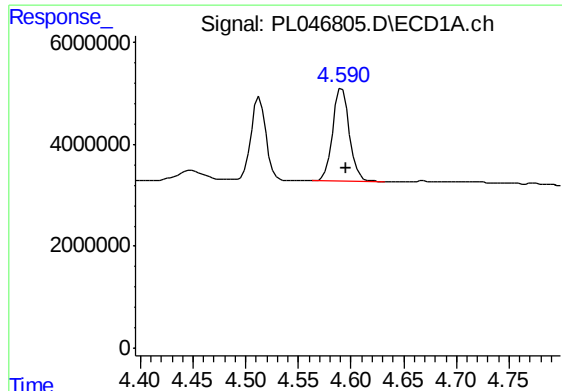
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 23500722
Conc: 2.13 ng/ml



#4 Heptachlor

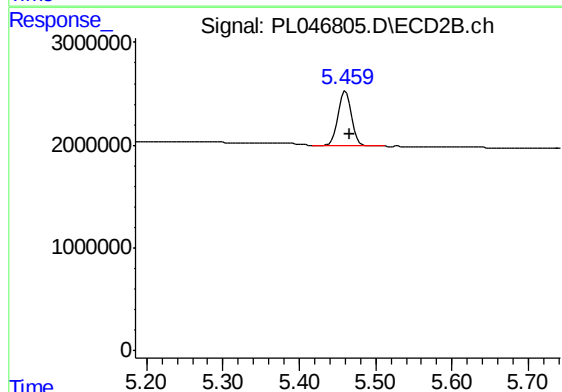
R.T.: 5.157 min
Delta R.T.: -0.005 min
Response: 7726118
Conc: 2.51 ng/ml



#5 Aldrin

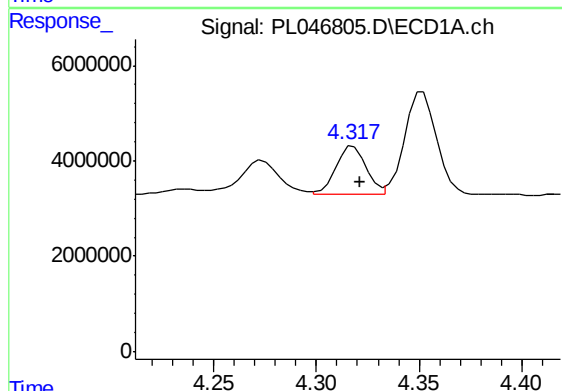
R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 20145100
Conc: 1.95 ng/ml

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



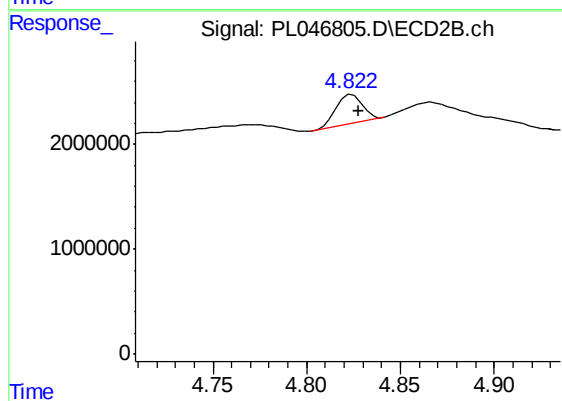
#5 Aldrin

R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 6484774
Conc: 2.26 ng/ml



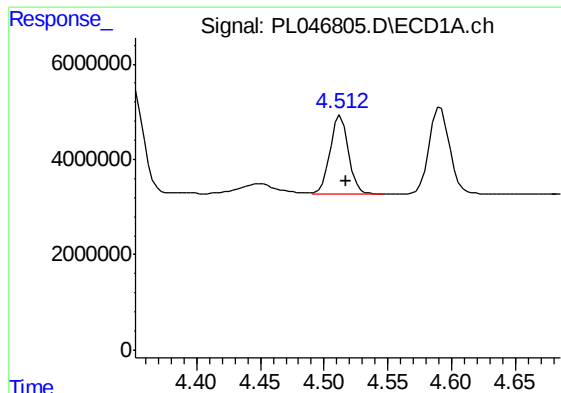
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 10424079
Conc: 2.32 ng/ml



#6 beta-BHC

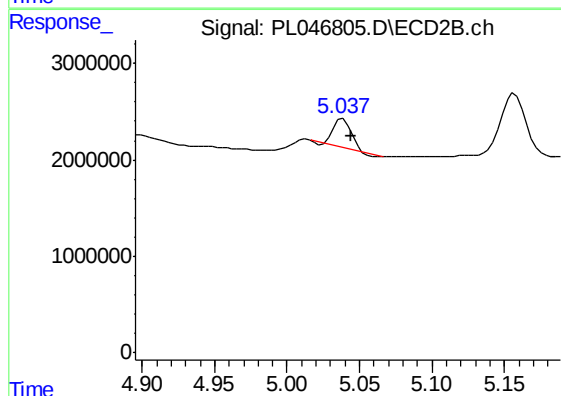
R.T.: 4.824 min
Delta R.T.: -0.003 min
Response: 2662861
Conc: 2.01 ng/ml



#7 delta-BHC

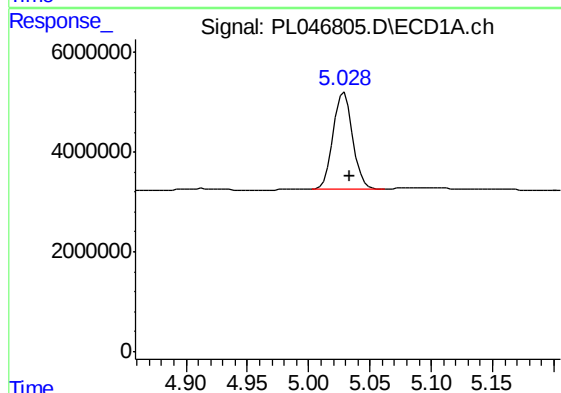
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 16282970
Conc: 1.61 ng/ml

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



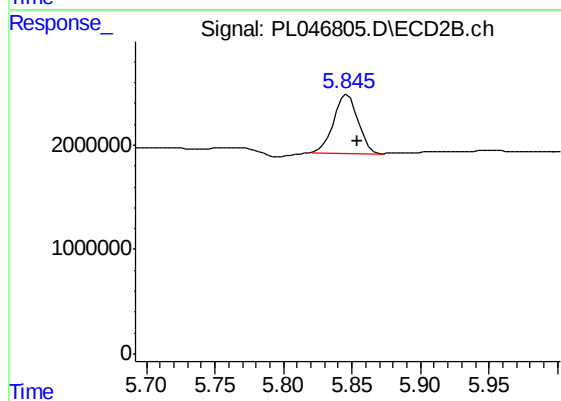
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 2312853
Conc: 1.00 ng/ml



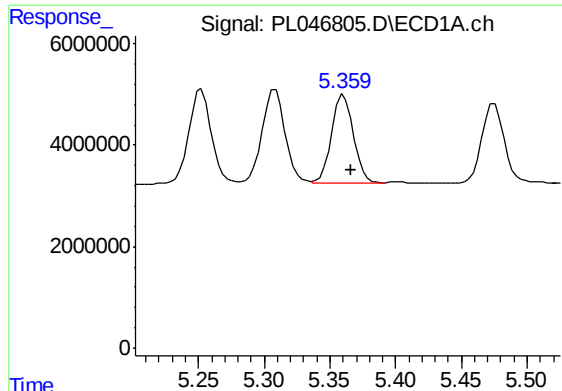
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 21505283
Conc: 2.20 ng/ml



#8 Heptachlor epoxide

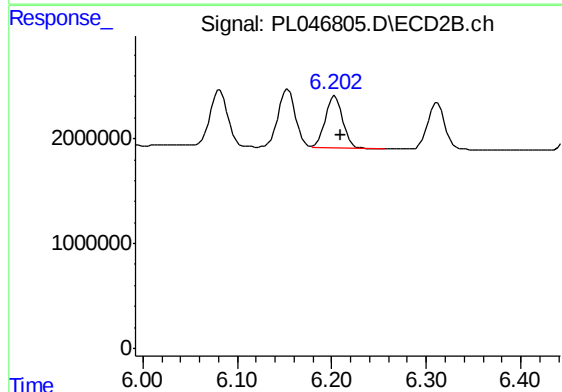
R.T.: 5.847 min
Delta R.T.: -0.007 min
Response: 6853576
Conc: 2.60 ng/ml



#9 Endosulfan I

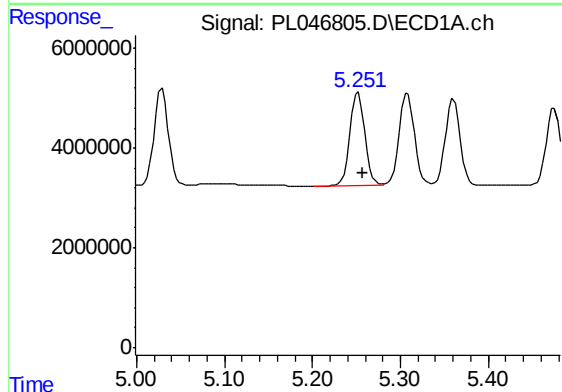
R.T.: 5.361 min
Delta R.T.: -0.006 min
Response: 20049151
Conc: 2.13 ng/ml

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



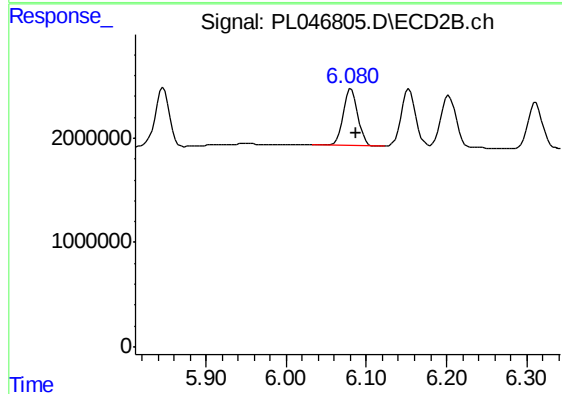
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 6475785
Conc: 2.48 ng/ml



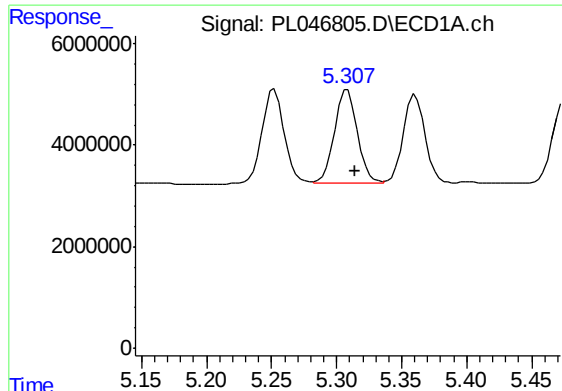
#10 gamma-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 22177507
Conc: 2.16 ng/ml



#10 gamma-Chlordane

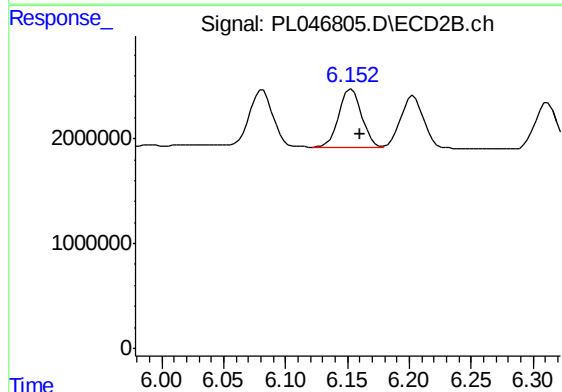
R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 6978112
Conc: 2.46 ng/ml



#11 alpha-Chlordane

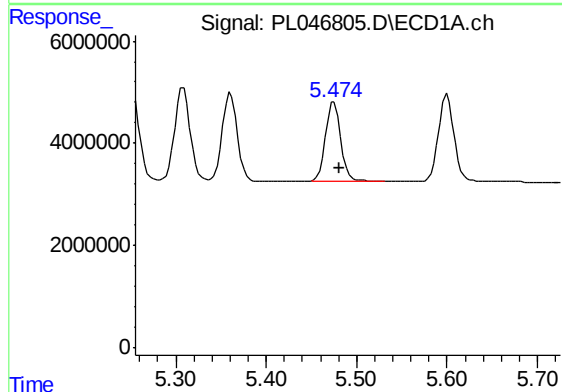
R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 22464814
Conc: 2.22 ng/ml

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



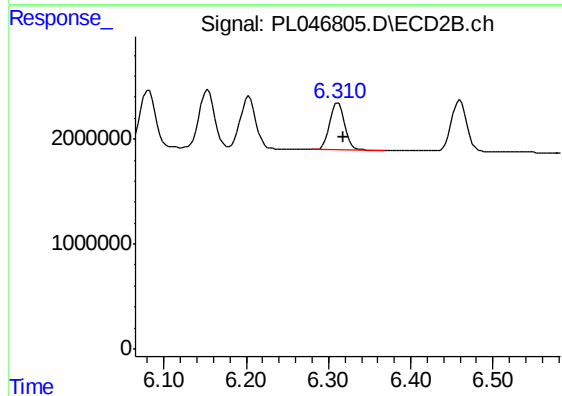
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 7124382
Conc: 2.51 ng/ml



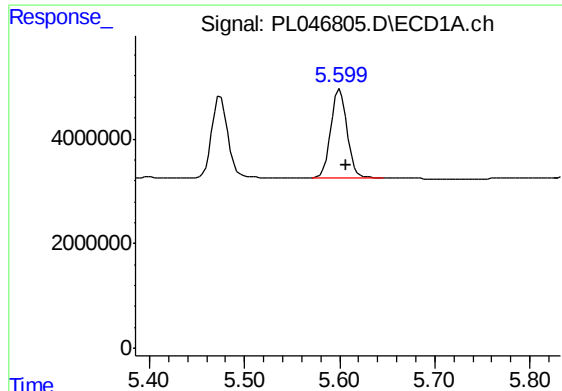
#12 4,4'-DDE

R.T.: 5.475 min
Delta R.T.: -0.006 min
Response: 18191593
Conc: 1.98 ng/ml



#12 4,4'-DDE

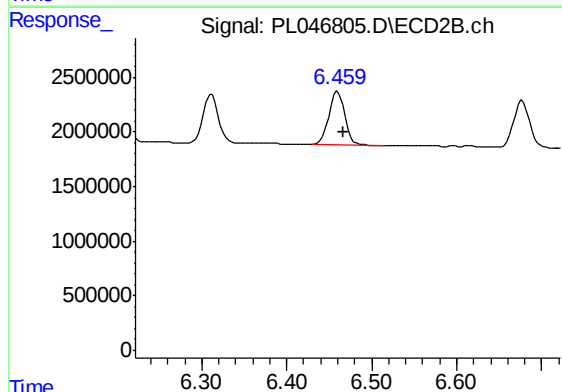
R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 5613667
Conc: 2.26 ng/ml



#13 Dielddrin

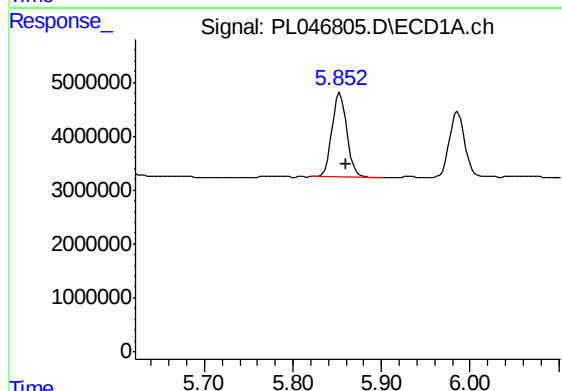
R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 19856216
Conc: 1.98 ng/ml

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



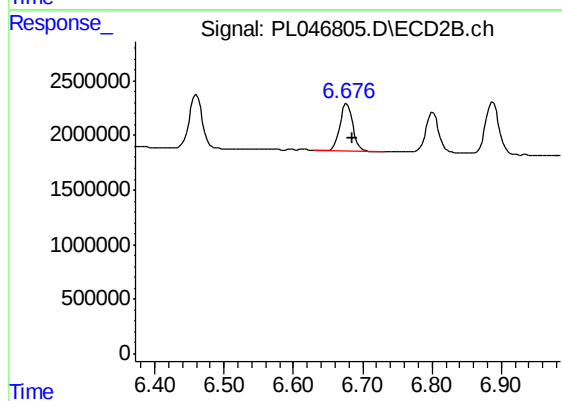
#13 Dielddrin

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 6387444
Conc: 2.36 ng/ml



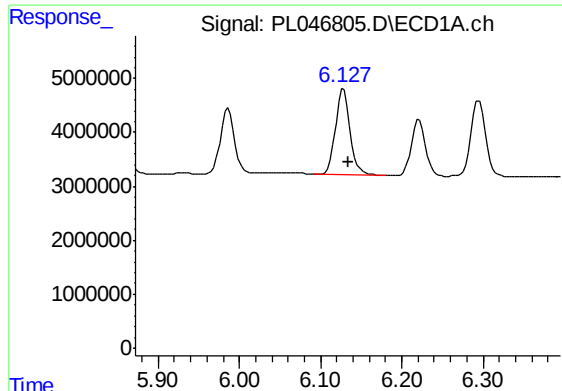
#14 Endrin

R.T.: 5.853 min
Delta R.T.: -0.006 min
Response: 18795311
Conc: 2.00 ng/ml



#14 Endrin

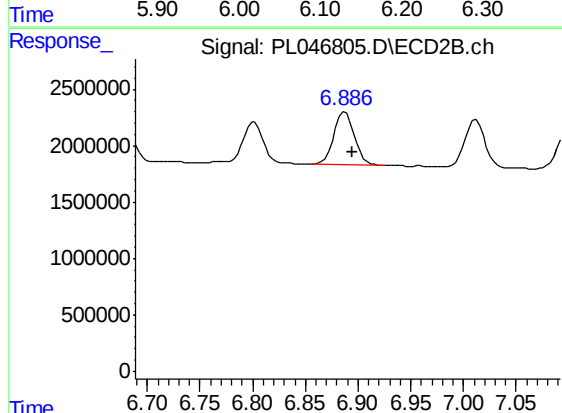
R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 5617574
Conc: 2.35 ng/ml



#15 Endosulfan II

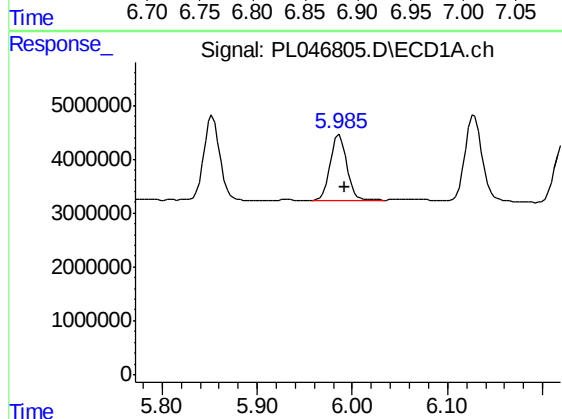
R.T.: 6.128 min
Delta R.T.: -0.006 min
Response: 19983678
Conc: 2.23 ng/ml

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



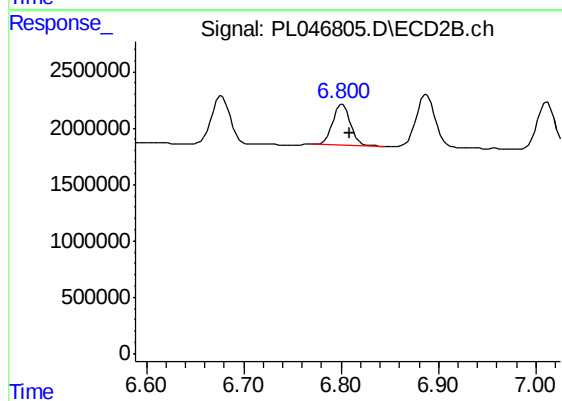
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: -0.007 min
Response: 6367169
Conc: 2.64 ng/ml



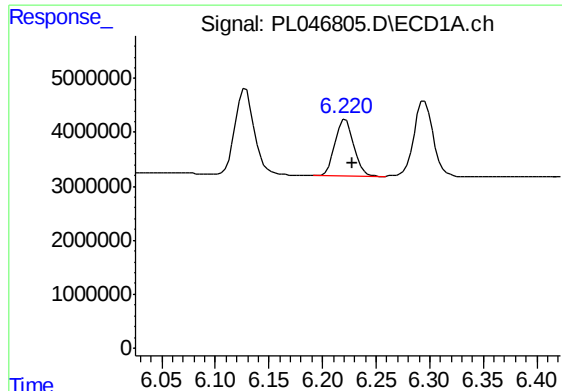
#16 4,4'-DDD

R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 14635598
Conc: 1.94 ng/ml



#16 4,4'-DDD

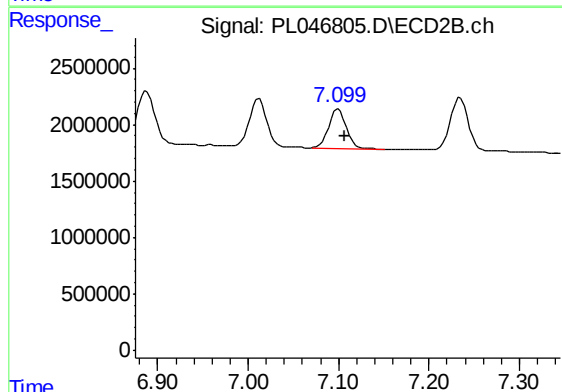
R.T.: 6.802 min
Delta R.T.: -0.007 min
Response: 4687784
Conc: 2.33 ng/ml



#17 4,4'-DDT

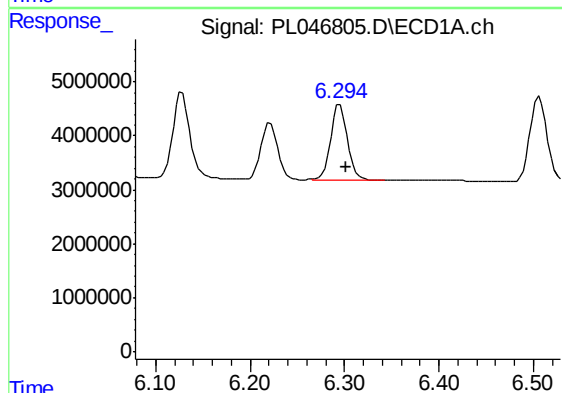
R.T.: 6.221 min
Delta R.T.: -0.006 min
Response: 12889793
Conc: 1.70 ng/ml

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



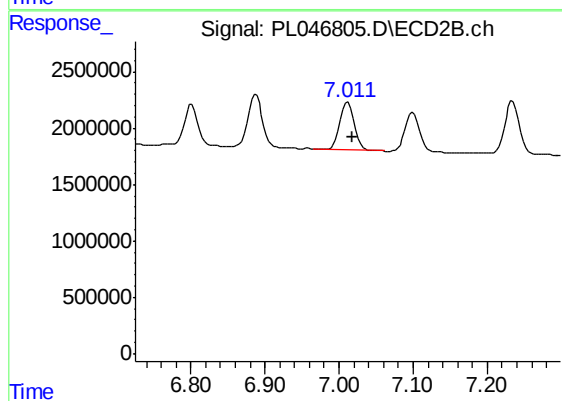
#17 4,4'-DDT

R.T.: 7.100 min
Delta R.T.: -0.007 min
Response: 4695217
Conc: 2.24 ng/ml



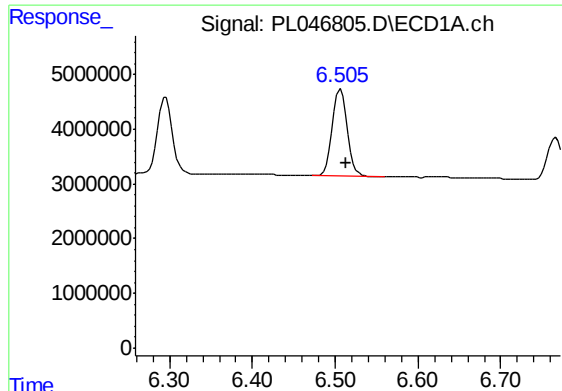
#18 Endrin aldehyde

R.T.: 6.295 min
Delta R.T.: -0.006 min
Response: 17278899
Conc: 2.31 ng/ml



#18 Endrin aldehyde

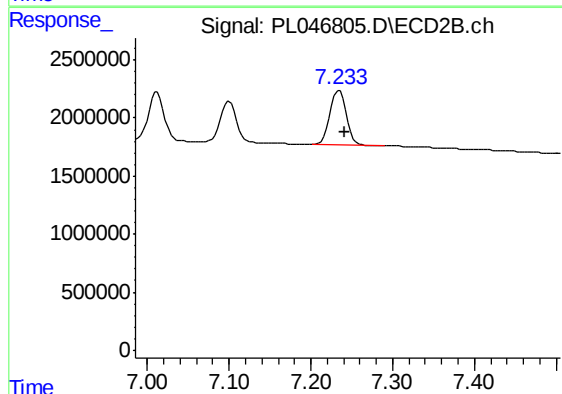
R.T.: 7.012 min
Delta R.T.: -0.007 min
Response: 5554511
Conc: 2.62 ng/ml



#19 Endosulfan Sulfate

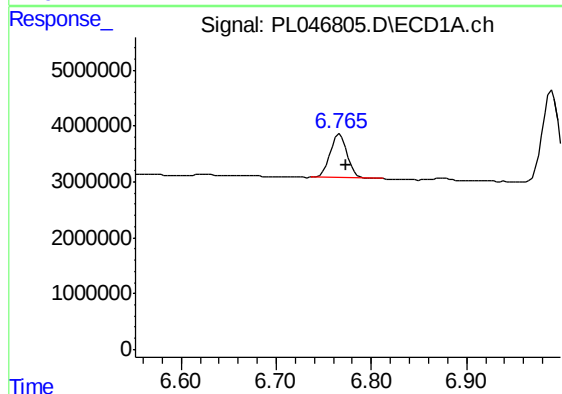
R.T.: 6.506 min
Delta R.T.: -0.006 min
Response: 20216986
Conc: 2.46 ng/ml

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



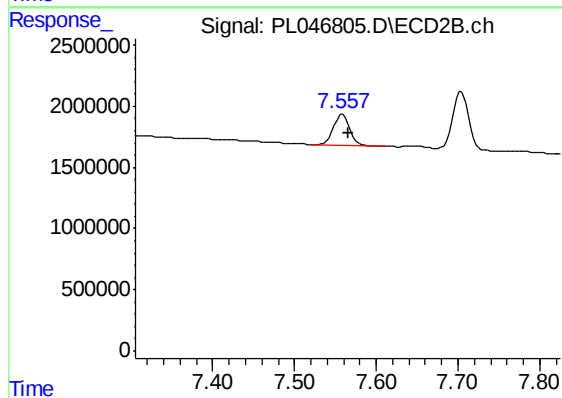
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 6445471
Conc: 2.73 ng/ml



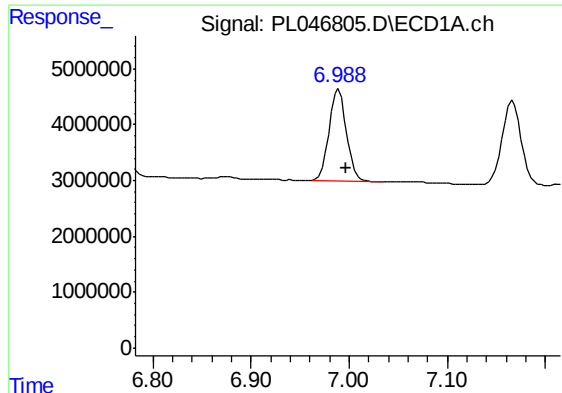
#20 Methoxychlor

R.T.: 6.767 min
Delta R.T.: -0.007 min
Response: 9838124
Conc: 2.31 ng/ml



#20 Methoxychlor

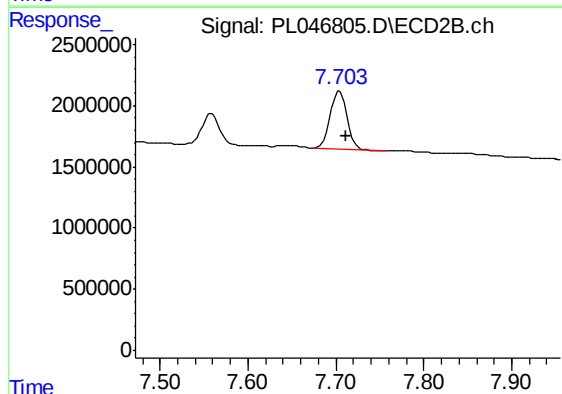
R.T.: 7.559 min
Delta R.T.: -0.007 min
Response: 3441430
Conc: 2.70 ng/ml



#21 Endrin ketone

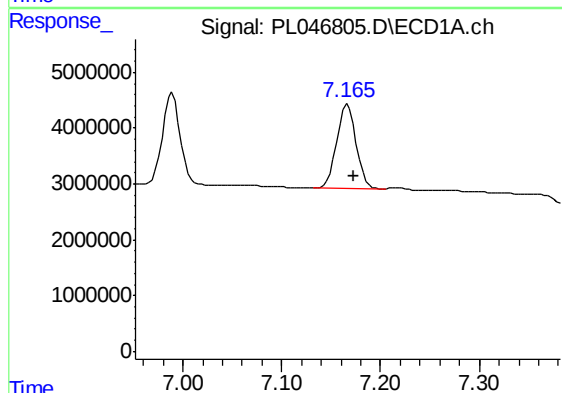
R.T.: 6.990 min
Delta R.T.: -0.007 min
Response: 20259729
Conc: 2.19 ng/ml

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



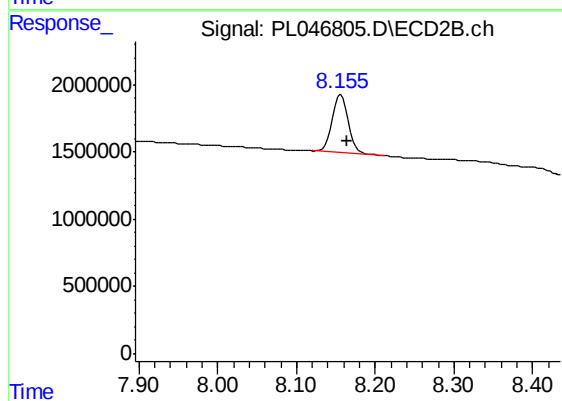
#21 Endrin ketone

R.T.: 7.704 min
Delta R.T.: -0.007 min
Response: 6212215
Conc: 2.50 ng/ml



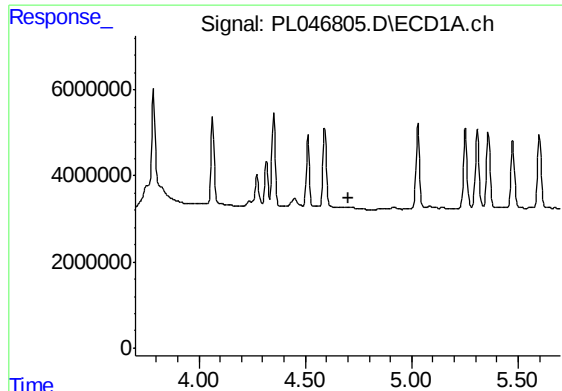
#22 Mirex

R.T.: 7.167 min
Delta R.T.: -0.006 min
Response: 20591555
Conc: 2.83 ng/ml



#22 Mirex

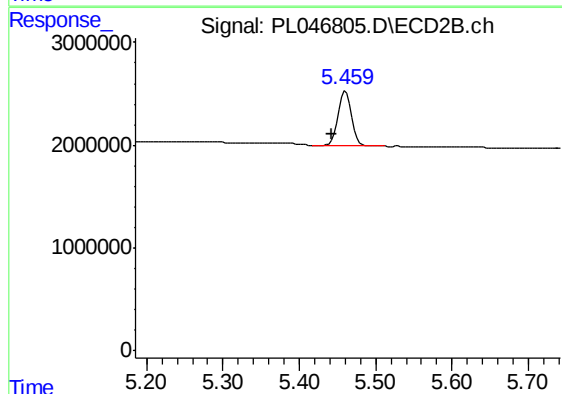
R.T.: 8.156 min
Delta R.T.: -0.009 min
Response: 6353234
Conc: 3.18 ng/ml



#24 Chlordane-2

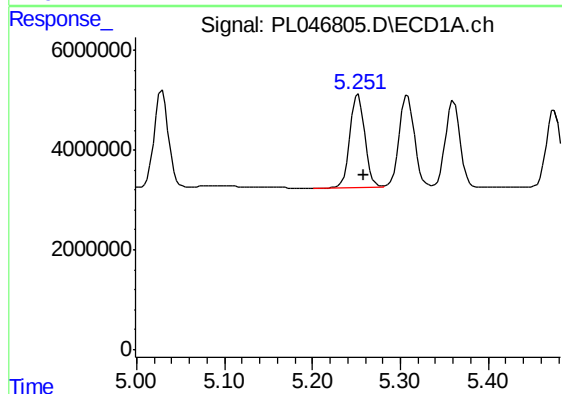
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

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



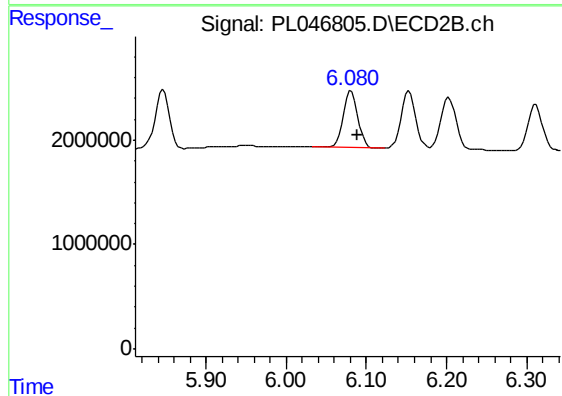
#24 Chlordane-2

R.T.: 5.461 min
Delta R.T.: 0.018 min
Response: 6484774
Conc: 55.52 ng/ml



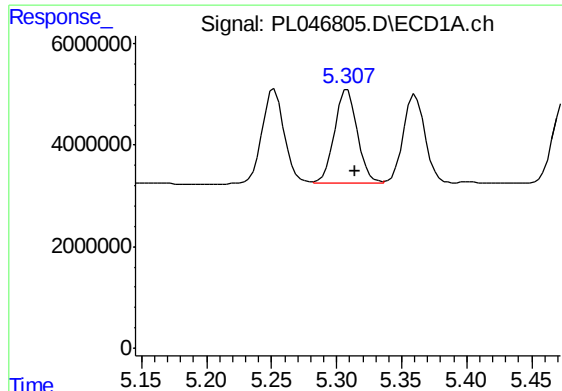
#25 Chlordane-3

R.T.: 5.252 min
Delta R.T.: -0.006 min
Response: 22177507
Conc: 19.91 ng/ml



#25 Chlordane-3

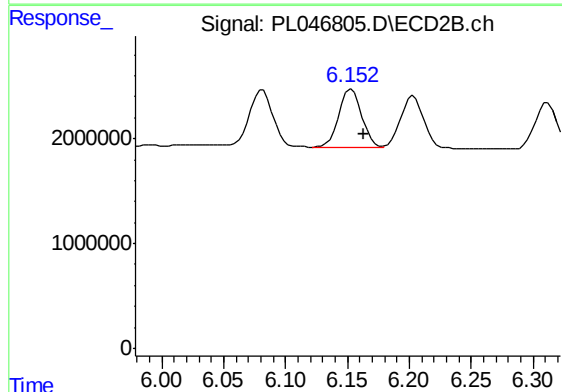
R.T.: 6.081 min
Delta R.T.: -0.008 min
Response: 6978112
Conc: 18.30 ng/ml



#26 Chlordane-4

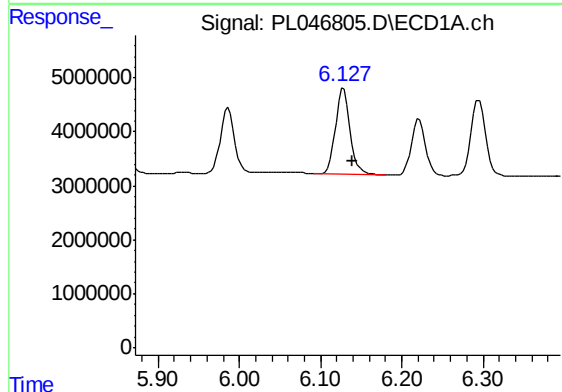
R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 22464814
Conc: 21.72 ng/ml

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



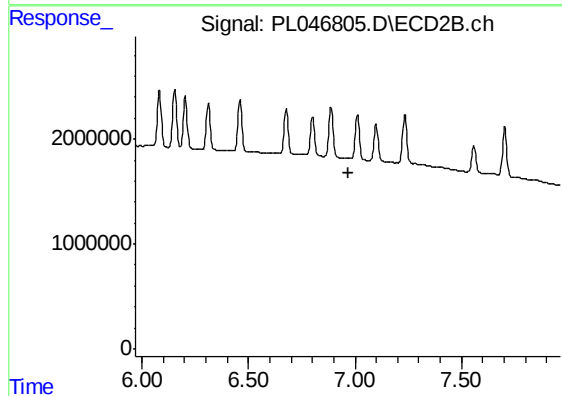
#26 Chlordane-4

R.T.: 6.153 min
Delta R.T.: -0.010 min
Response: 7124382
Conc: 15.44 ng/ml



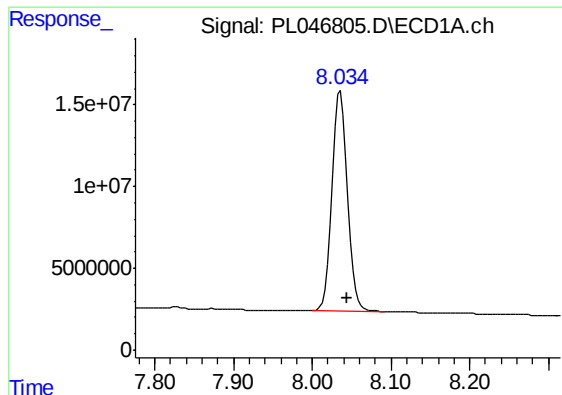
#27 Chlordane-5

R.T.: 6.128 min
Delta R.T.: -0.011 min
Response: 19983678
Conc: 58.56 ng/ml



#27 Chlordane-5

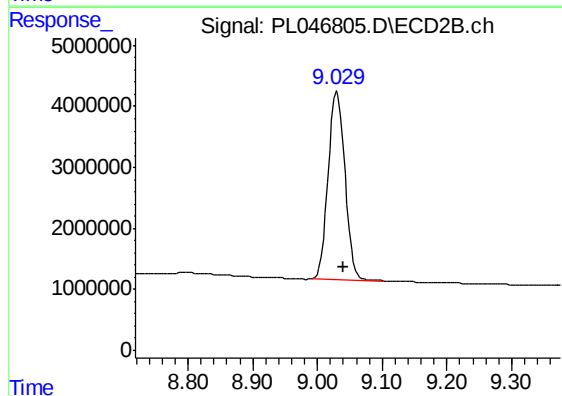
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.036 min
Delta R.T.: -0.008 min
Response: 187738141
Conc: 22.32 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: -0.009 min
Response: 55416760
Conc: 23.90 ng/ml