

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
 Data File : PL046804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2019 15:23
 Operator : AJ\SJ
 Sample : K1560-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 18 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 01:23:44 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	140.8E6	43997864	19.357	19.216
28)	SA Decachlor...	8.040	9.032	189.0E6	55949182	22.474	24.132
Target Compounds							
2)	A alpha-BHC	3.790	4.367	8433534	2309447	0.723	0.719
3)	MA gamma-BHC...	4.069	4.651	7951487	1979664	0.740	0.661
4)	MA Heptachlor	4.356	5.158	8258594	3336633	0.749	1.085 #
5)	MB Aldrin	4.596	5.462	7776728	2548560	0.754	0.890
6)	B beta-BHC	0.000	4.850f	0	5639442	N.D.	4.254 #
7)	B delta-BHC	4.517	0.000	6179845	0	0.610	N.D. #
8)	B Heptachlor...	5.033	5.847	8164401	2500362	0.837	0.948
9)	A Endosulfan I	5.365	6.204	7887684	2653064	0.839	1.017
10)	B gamma-Chl...	5.256	6.082	9147489	2964829	0.890	1.045
11)	B alpha-Chl...	5.313	6.155	9506419	2942487	0.938	1.037
12)	B 4,4'-DDE	5.479	6.313	7214181	2204641	0.784	0.888
13)	MA Dieldrin	5.605	6.461	7888030	2531151	0.786	0.934
14)	MA Endrin	5.858	6.679	7957815	2028568	0.845	0.849
15)	B Endosulfa...	6.132	6.889	8372188	2841750	0.934	1.178 #
16)	A 4,4'-DDD	5.991	6.803	5785181	1774728	0.765	0.882
17)	MA 4,4'-DDT	0.000	7.101	0	1860919	N.D.	0.887 #
18)	B Endrin al...	6.299	7.013	6841402	2245752	0.913	1.057
19)	B Endosulfa...	6.510	7.235	8083673	2712319	0.984	1.150
21)	B Endrin ke...	6.993	7.705	7791734	2443484	0.843	0.983
22)	Mirex	7.170	8.157	8233408	2503831	1.130	1.252
24)	Chlordane-2	0.000	5.462f	0	2548560	N.D.	21.818 #
25)	Chlordane-3	5.256	6.082	9147489	2964829	8.214	7.776
26)	Chlordane-4	5.313	6.155	9506419	2942487	9.193	6.377 #
27)	Chlordane-5	6.132	0.000	8372188	0	24.533	N.D. #

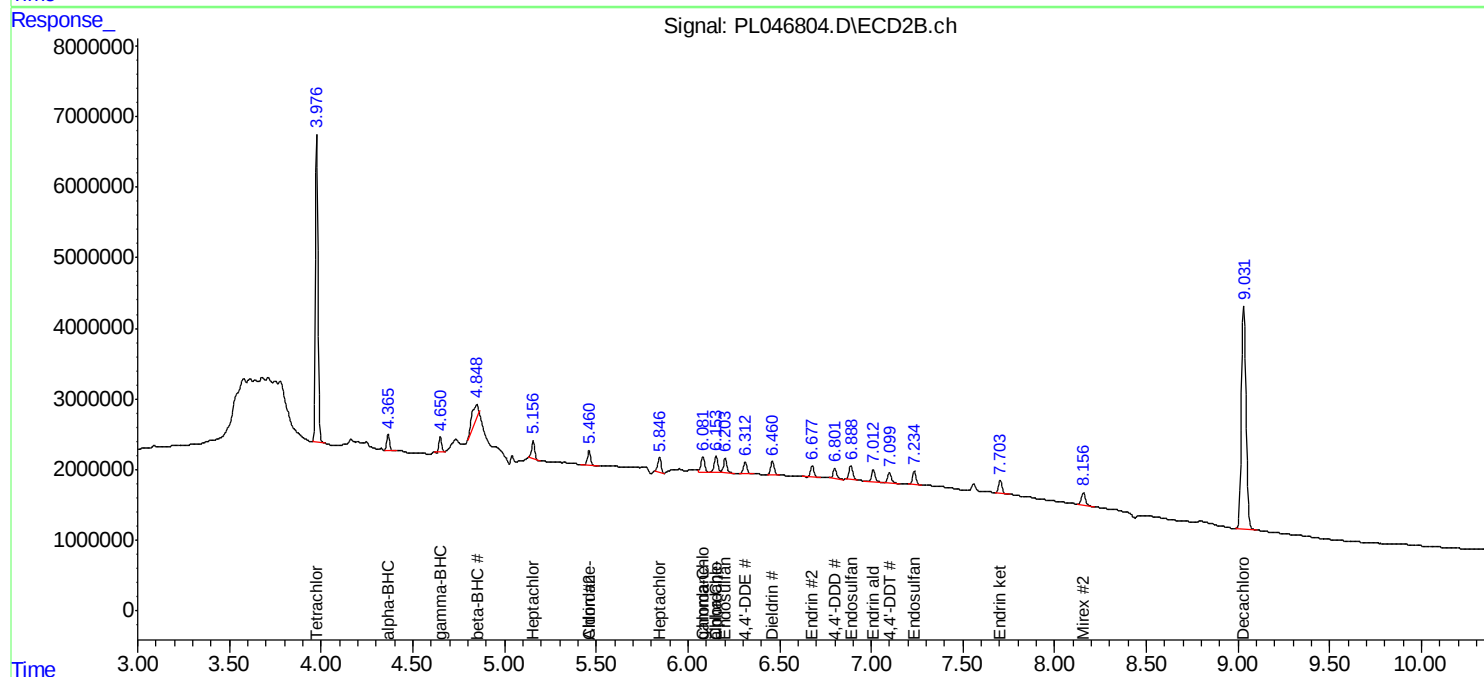
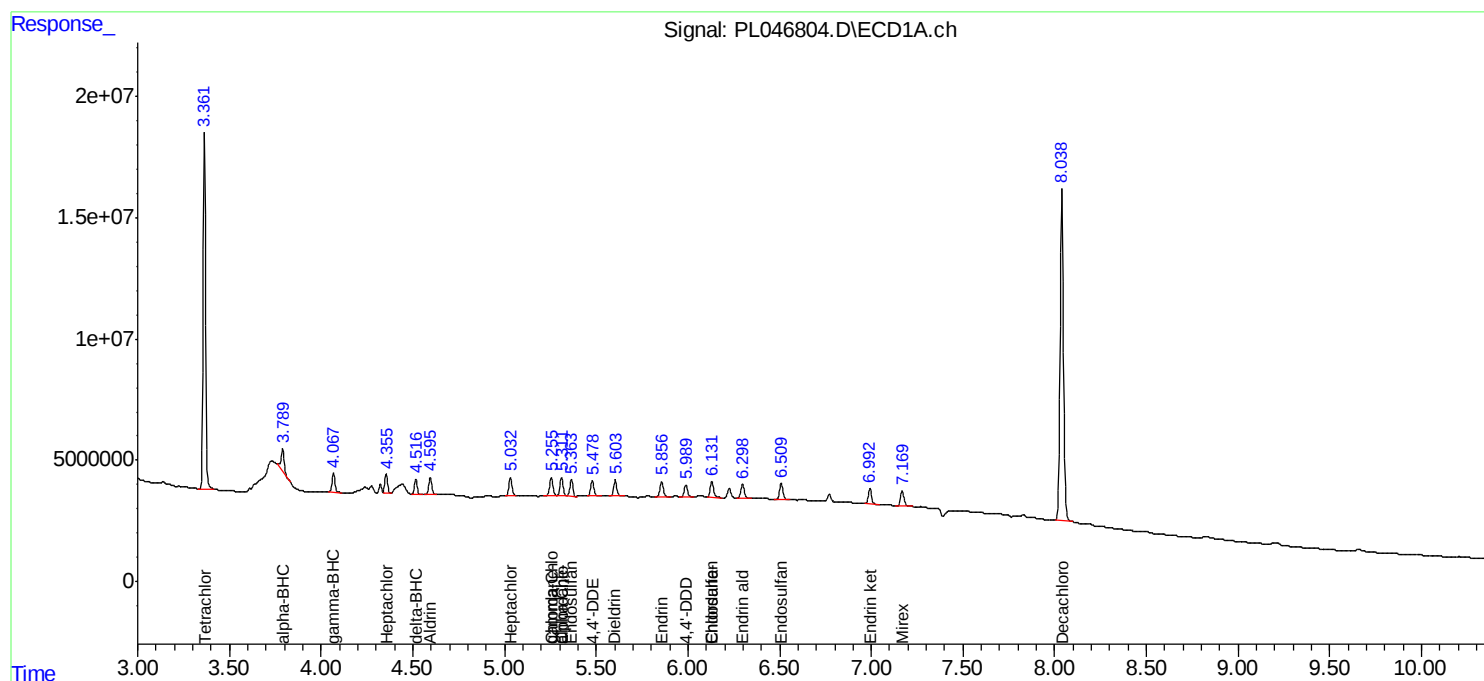
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

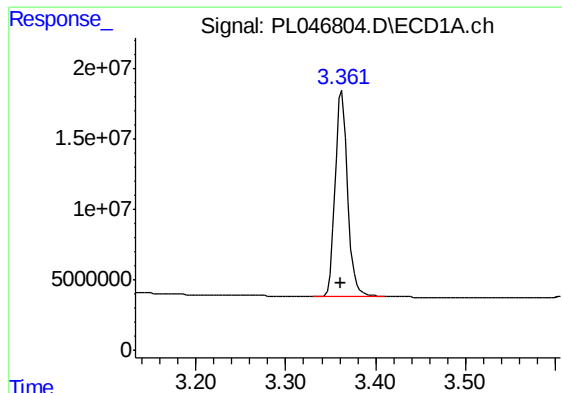
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
Data File : PL046804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2019 15:23
Operator : AJ\SJ
Sample : K1560-07
Misc : PEST LOD 1 PPB
ALS Vial : 18 Sample Multiplier: 1

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 01:23:44 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

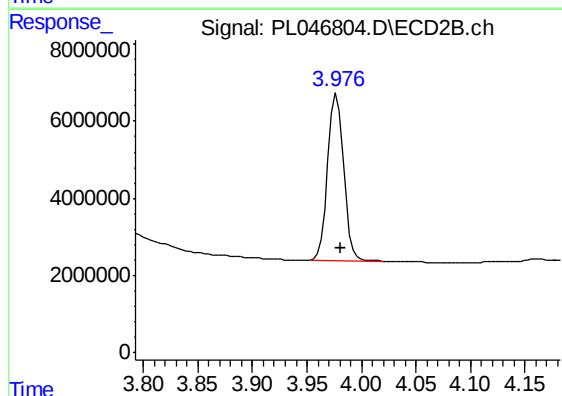




#1 Tetrachloro-m-xylene

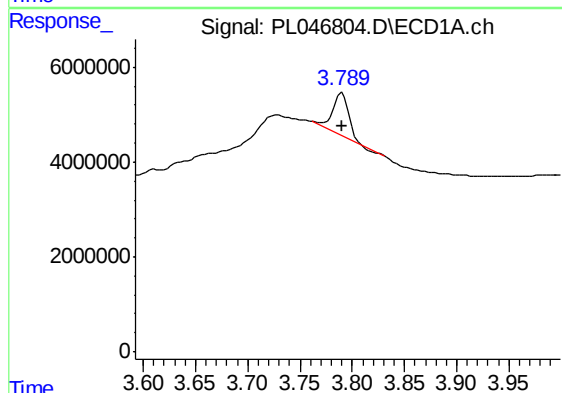
R.T.: 3.363 min
Delta R.T.: 0.002 min
Response: 140815703
Conc: 19.36 ng/ml

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



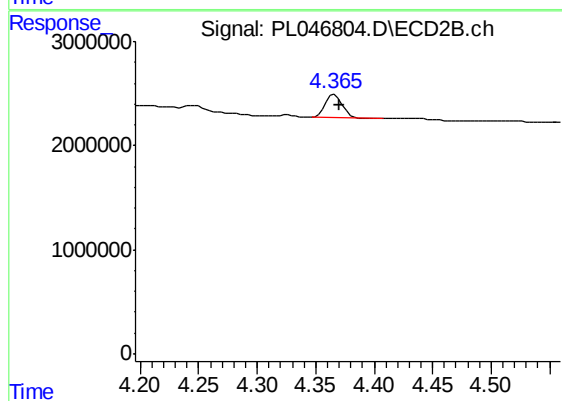
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.003 min
Response: 43997864
Conc: 19.22 ng/ml



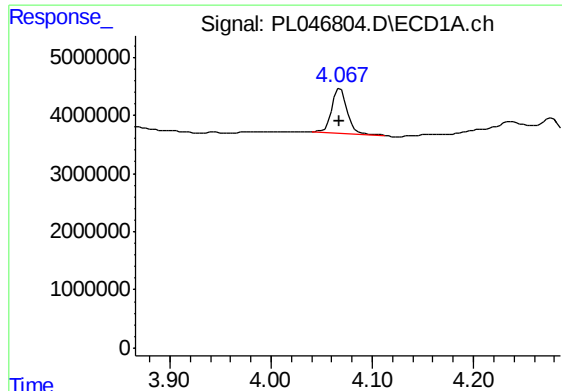
#2 alpha-BHC

R.T.: 3.790 min
Delta R.T.: 0.000 min
Response: 8433534
Conc: 0.72 ng/ml



#2 alpha-BHC

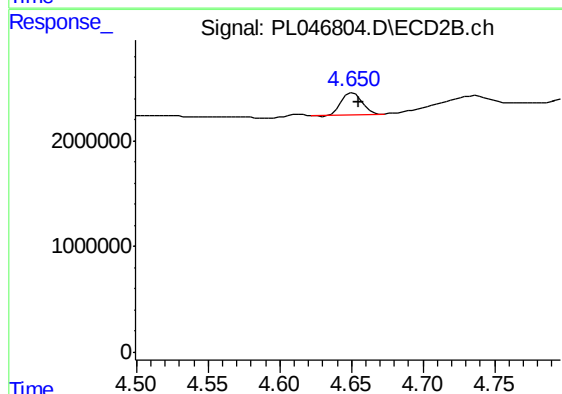
R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 2309447
Conc: 0.72 ng/ml



#3 gamma-BHC (Lindane)

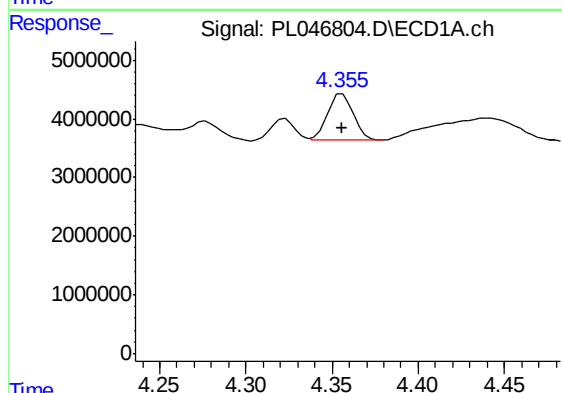
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 7951487
Conc: 0.74 ng/ml

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



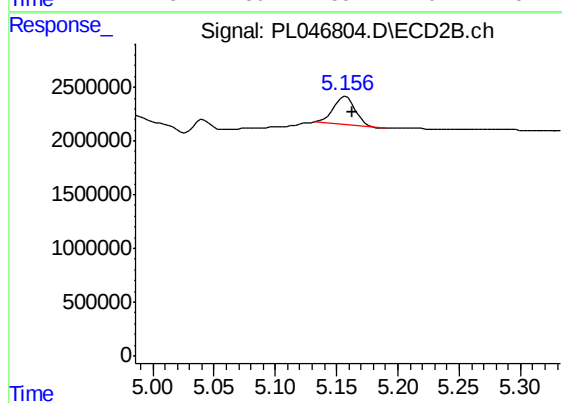
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 1979664
Conc: 0.66 ng/ml



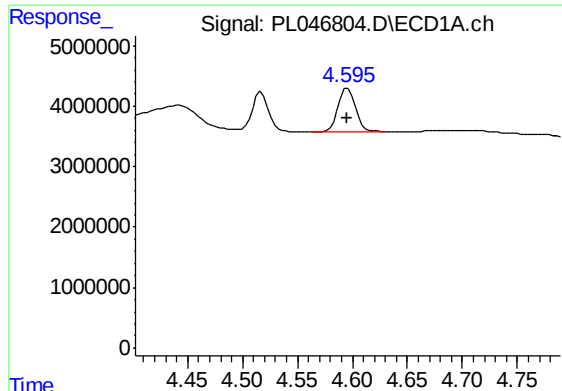
#4 Heptachlor

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 8258594
Conc: 0.75 ng/ml



#4 Heptachlor

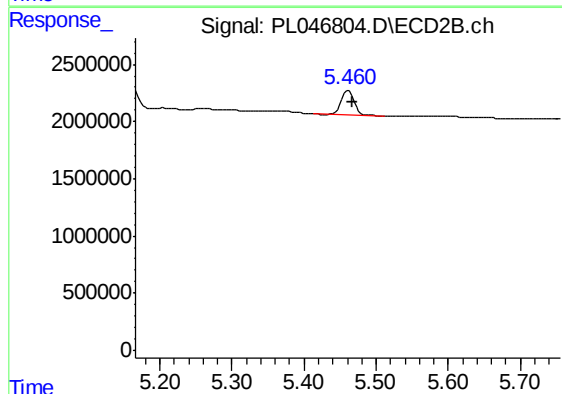
R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 3336633
Conc: 1.08 ng/ml



#5 Aldrin

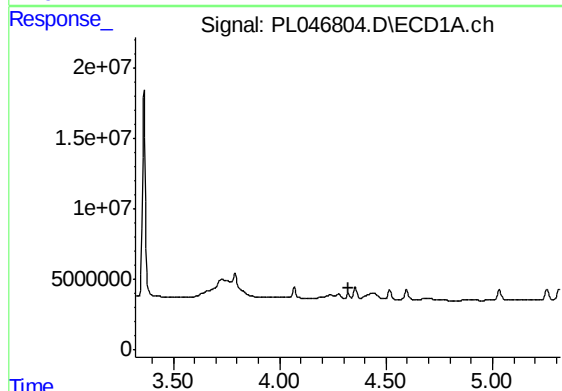
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 7776728
Conc: 0.75 ng/ml

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



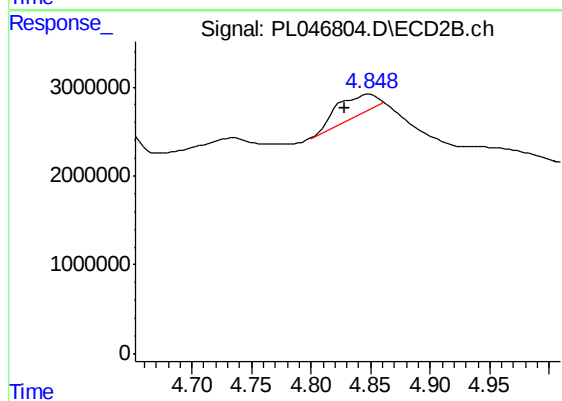
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 2548560
Conc: 0.89 ng/ml



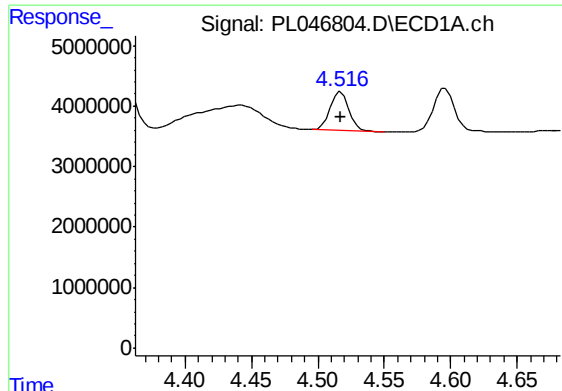
#6 beta-BHC

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



#6 beta-BHC

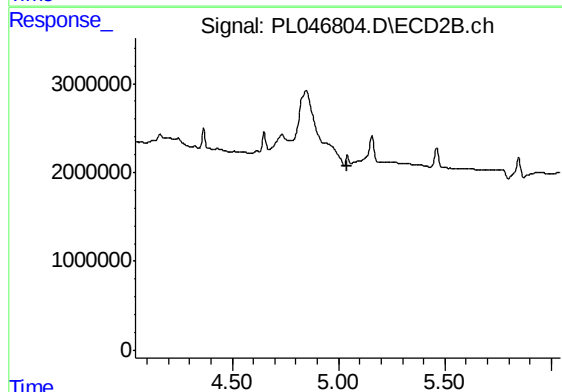
R.T.: 4.850 min
Delta R.T.: 0.022 min
Response: 5639442
Conc: 4.25 ng/ml



#7 delta-BHC

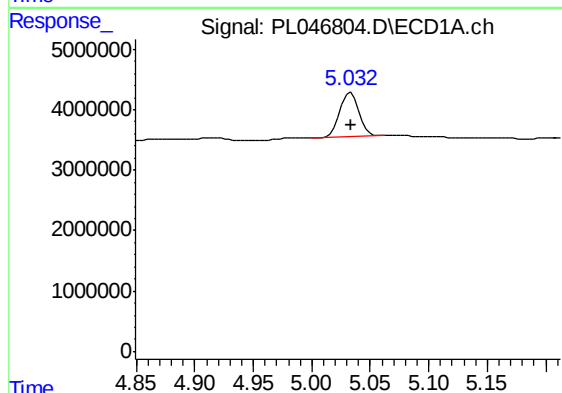
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 6179845
Conc: 0.61 ng/ml

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



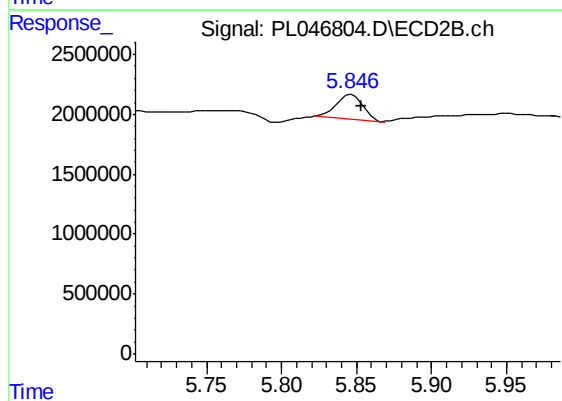
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.044 min
Response: 0
Conc: N.D.



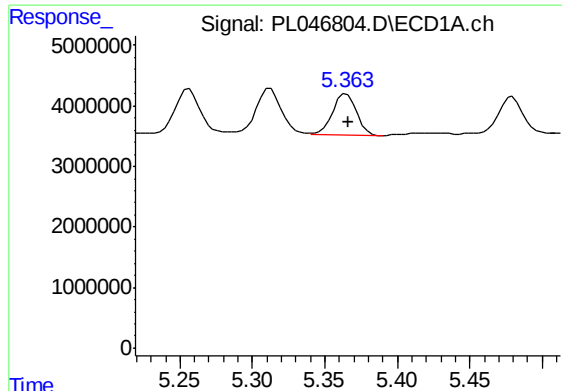
#8 Heptachlor epoxide

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 8164401
Conc: 0.84 ng/ml



#8 Heptachlor epoxide

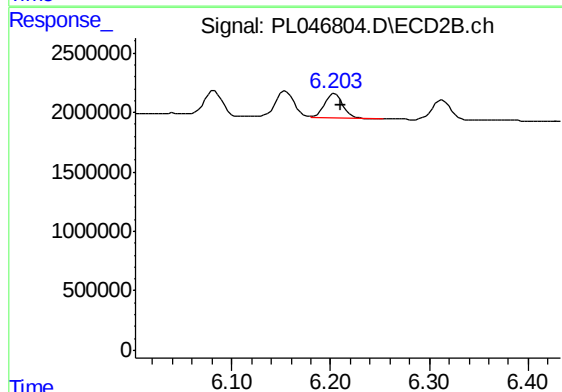
R.T.: 5.847 min
Delta R.T.: -0.007 min
Response: 2500362
Conc: 0.95 ng/ml



#9 Endosulfan I

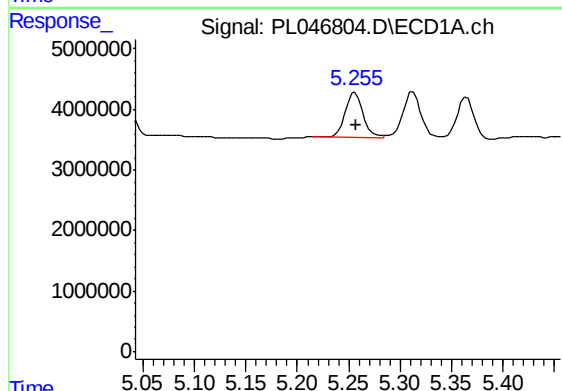
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 7887684
Conc: 0.84 ng/ml

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



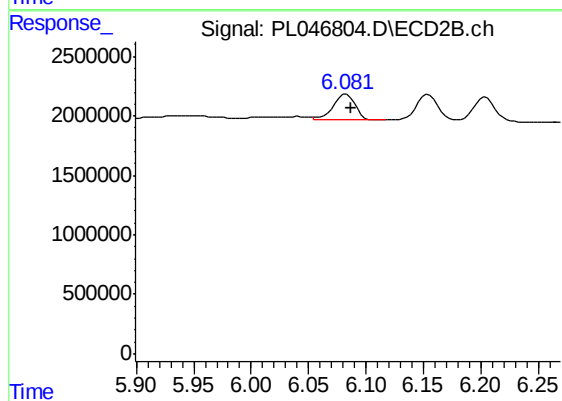
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 2653064
Conc: 1.02 ng/ml



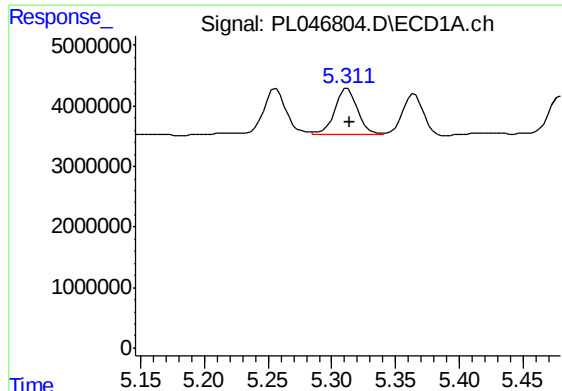
#10 gamma-Chlordane

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 9147489
Conc: 0.89 ng/ml



#10 gamma-Chlordane

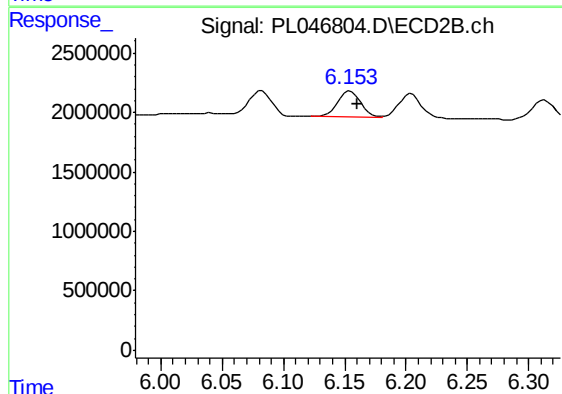
R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 2964829
Conc: 1.04 ng/ml



#11 alpha-Chlordane

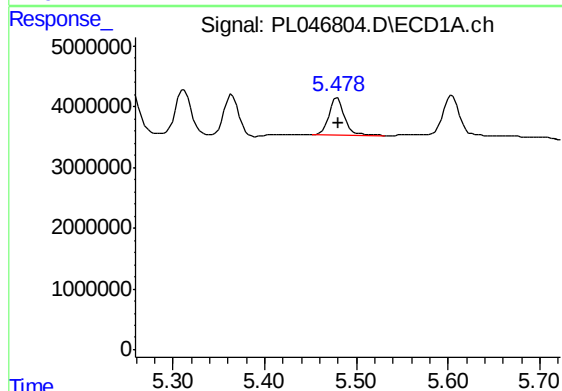
R.T.: 5.313 min
Delta R.T.: -0.001 min
Response: 9506419
Conc: 0.94 ng/ml

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



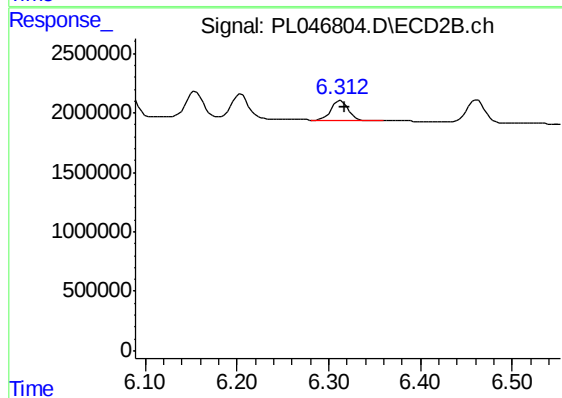
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 2942487
Conc: 1.04 ng/ml



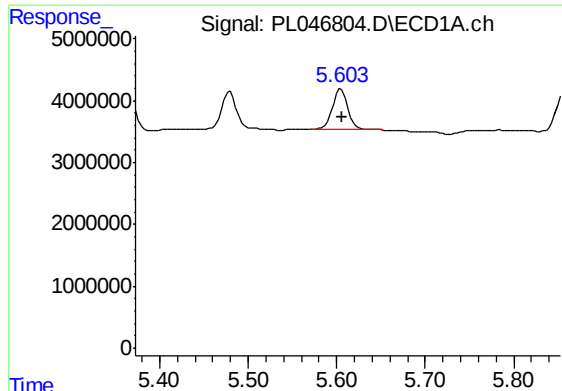
#12 4,4'-DDE

R.T.: 5.479 min
Delta R.T.: -0.001 min
Response: 7214181
Conc: 0.78 ng/ml



#12 4,4'-DDE

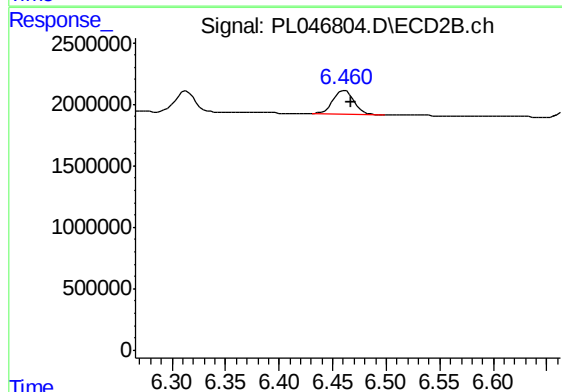
R.T.: 6.313 min
Delta R.T.: -0.005 min
Response: 2204641
Conc: 0.89 ng/ml



#13 Dieldrin

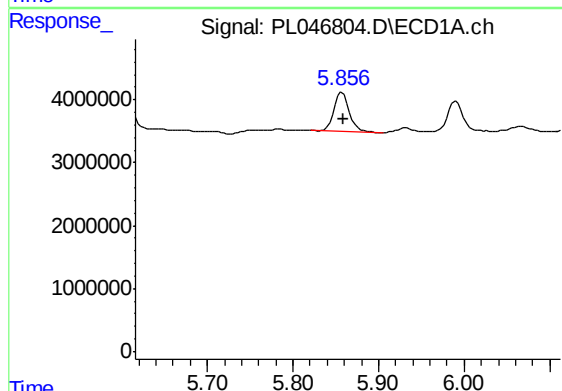
R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 7888030
Conc: 0.79 ng/ml

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



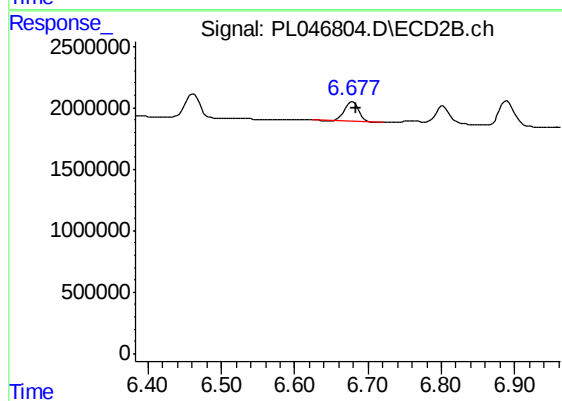
#13 Dieldrin

R.T.: 6.461 min
Delta R.T.: -0.005 min
Response: 2531151
Conc: 0.93 ng/ml



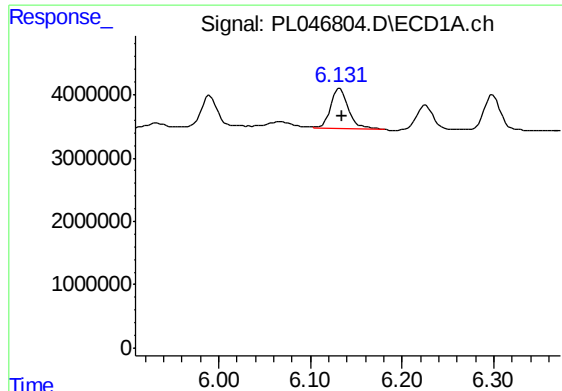
#14 Endrin

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 7957815
Conc: 0.84 ng/ml



#14 Endrin

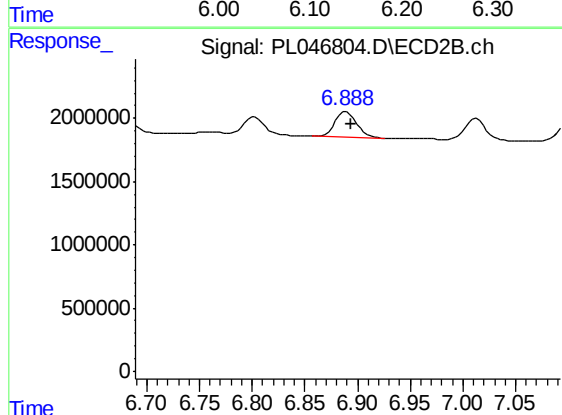
R.T.: 6.679 min
Delta R.T.: -0.006 min
Response: 2028568
Conc: 0.85 ng/ml



#15 Endosulfan II

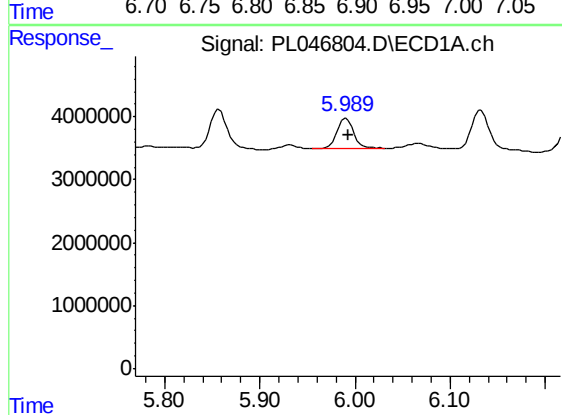
R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 8372188
Conc: 0.93 ng/ml

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



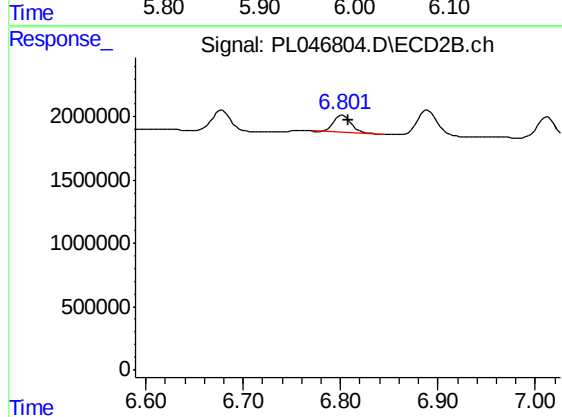
#15 Endosulfan II

R.T.: 6.889 min
Delta R.T.: -0.005 min
Response: 2841750
Conc: 1.18 ng/ml



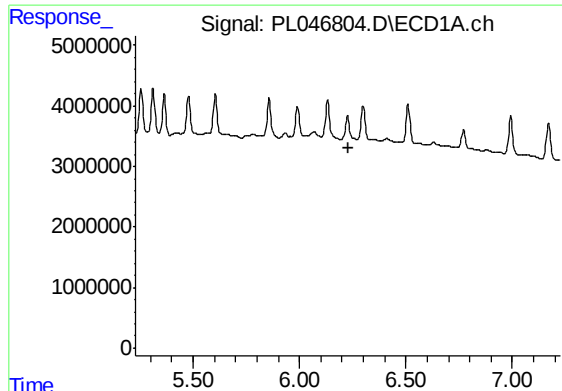
#16 4,4'-DDD

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 5785181
Conc: 0.77 ng/ml



#16 4,4'-DDD

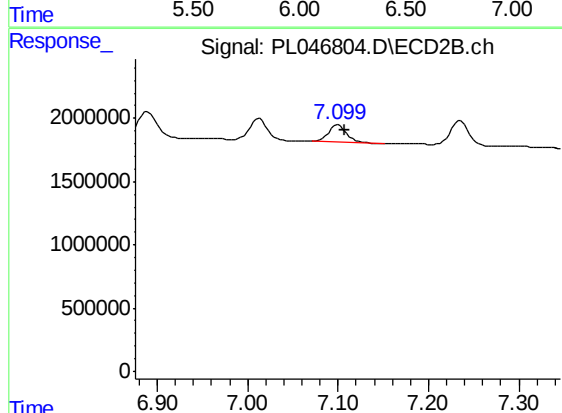
R.T.: 6.803 min
Delta R.T.: -0.006 min
Response: 1774728
Conc: 0.88 ng/ml



#17 4,4'-DDT

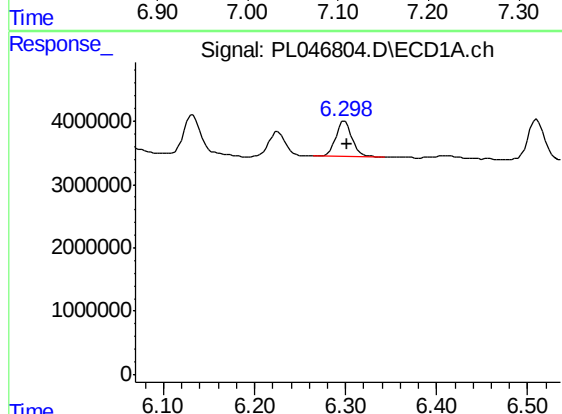
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

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



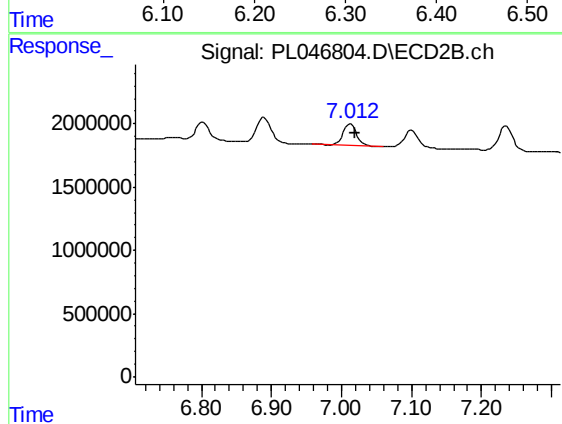
#17 4,4'-DDT

R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 1860919
Conc: 0.89 ng/ml



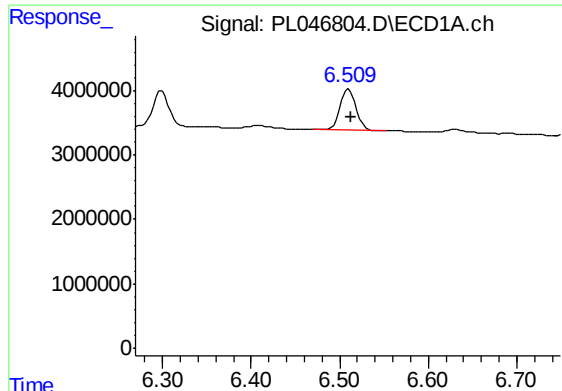
#18 Endrin aldehyde

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 6841402
Conc: 0.91 ng/ml



#18 Endrin aldehyde

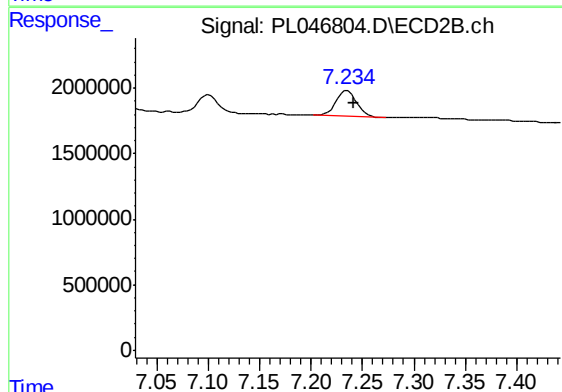
R.T.: 7.013 min
Delta R.T.: -0.006 min
Response: 2245752
Conc: 1.06 ng/ml



#19 Endosulfan Sulfate

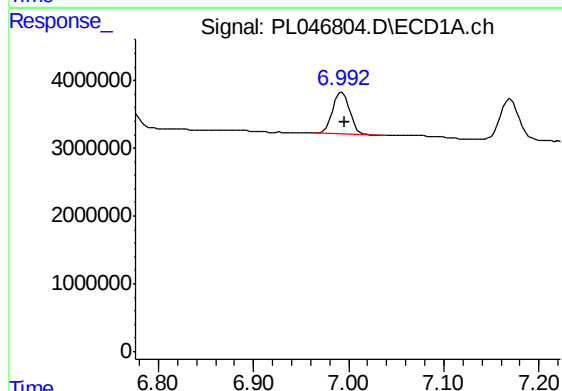
R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 8083673
Conc: 0.98 ng/ml

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



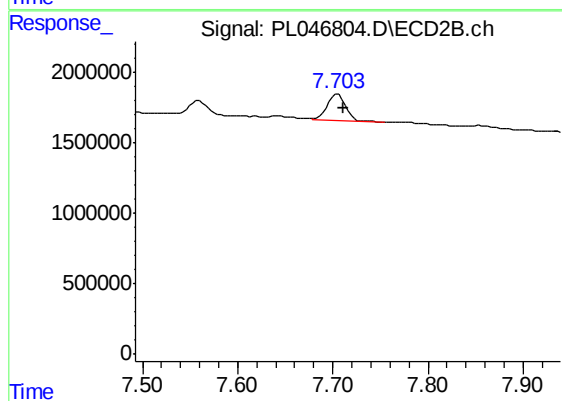
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.006 min
Response: 2712319
Conc: 1.15 ng/ml



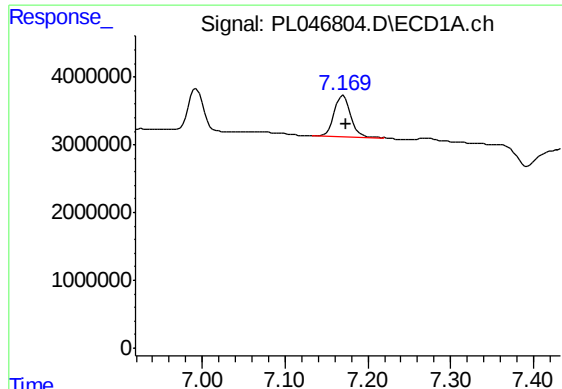
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 7791734
Conc: 0.84 ng/ml



#21 Endrin ketone

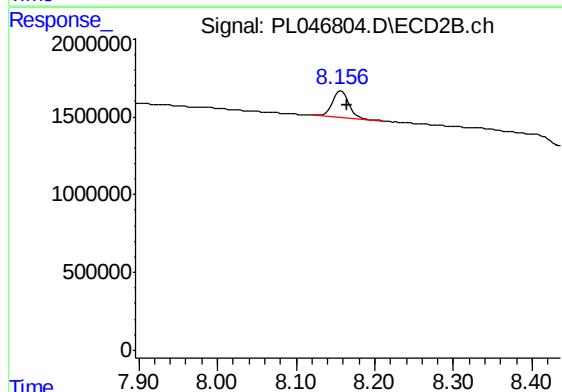
R.T.: 7.705 min
Delta R.T.: -0.007 min
Response: 2443484
Conc: 0.98 ng/ml



#22 Mirex

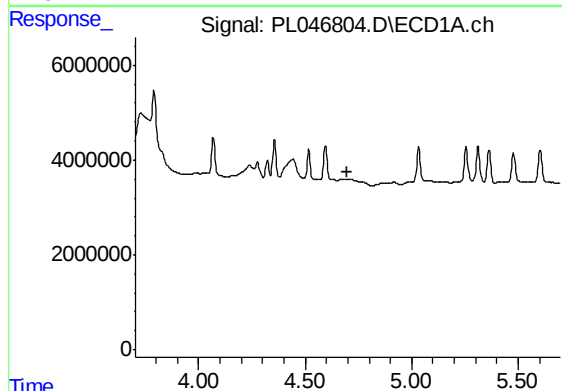
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 8233408
Conc: 1.13 ng/ml

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



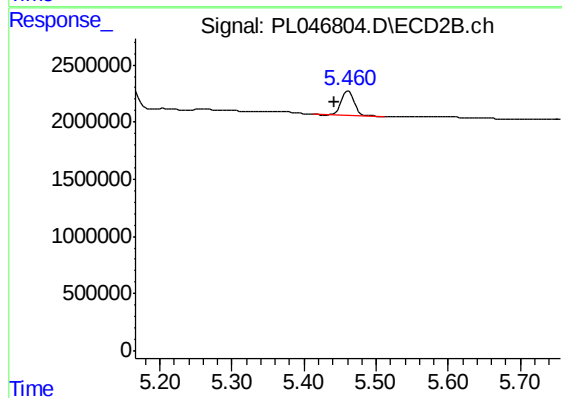
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.007 min
Response: 2503831
Conc: 1.25 ng/ml



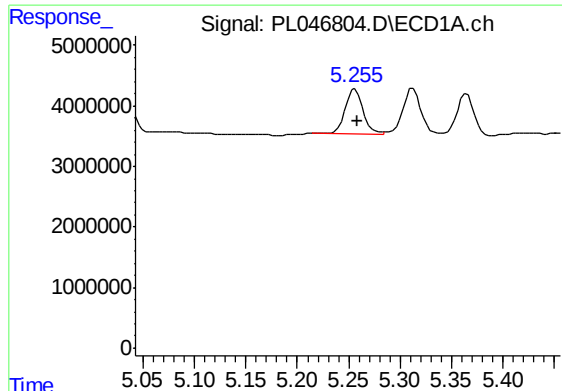
#24 Chlordane-2

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



#24 Chlordane-2

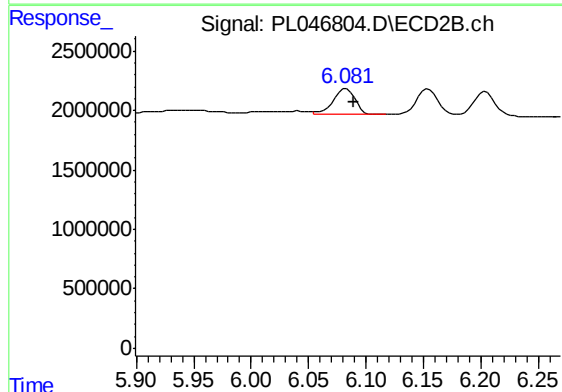
R.T.: 5.462 min
Delta R.T.: 0.019 min
Response: 2548560
Conc: 21.82 ng/ml



#25 Chlordane-3

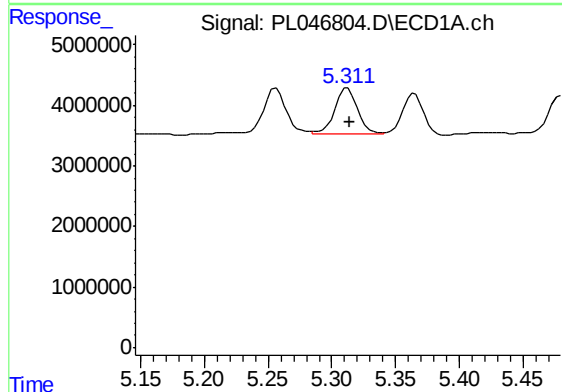
R.T.: 5.256 min
Delta R.T.: -0.002 min
Response: 9147489
Conc: 8.21 ng/ml

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



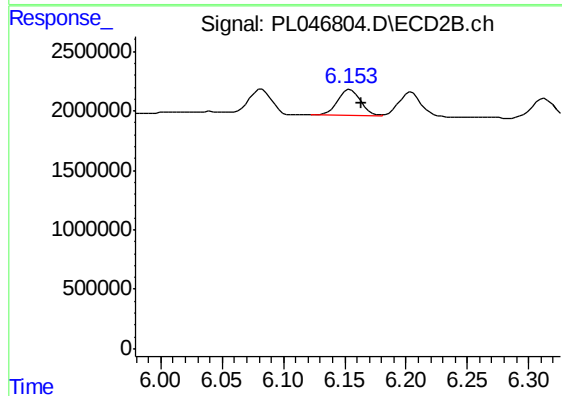
#25 Chlordane-3

R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 2964829
Conc: 7.78 ng/ml



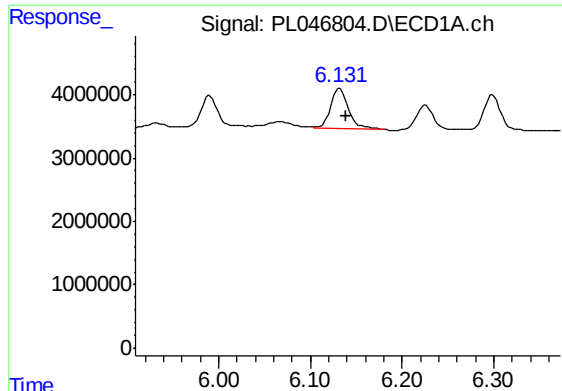
#26 Chlordane-4

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 9506419
Conc: 9.19 ng/ml



#26 Chlordane-4

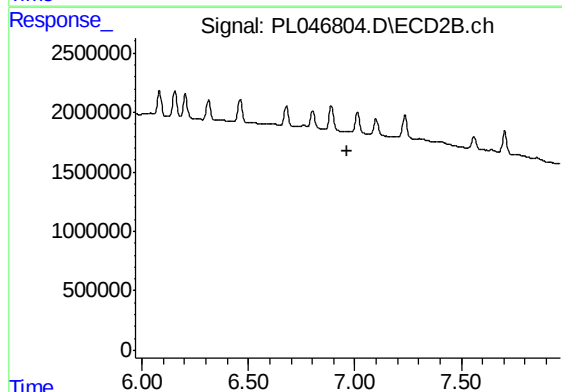
R.T.: 6.155 min
Delta R.T.: -0.008 min
Response: 2942487
Conc: 6.38 ng/ml



#27 Chlordane-5

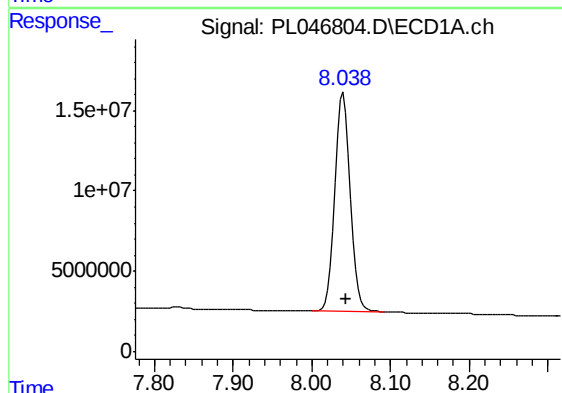
R.T.: 6.132 min
Delta R.T.: -0.007 min
Response: 8372188
Conc: 24.53 ng/ml

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



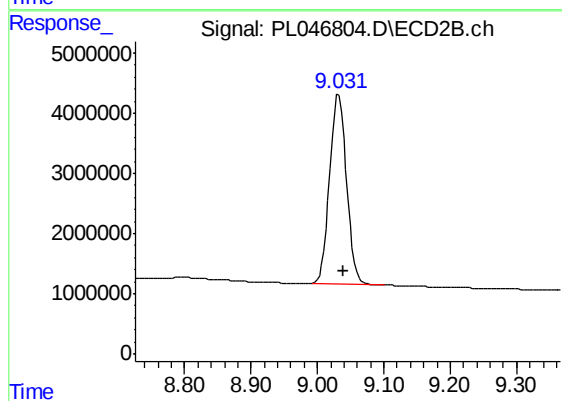
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 189027547
Conc: 22.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: -0.008 min
Response: 55949182
Conc: 24.13 ng/ml