

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2019 23:42
 Operator : SM\AJ
 Sample : K3591-07
 Misc : LOD 2.5 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:38:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 18 04:12:31 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...	3.320	3.930	204.2E6	57718644	20.326	20.229
28)	SA Decachlor...	7.981	8.963	240.5E6	63681665	23.755	22.519
Target Compounds							
2)	A alpha-BHC	3.747	4.318	39128740	8870702	2.335	2.150
3)	MA gamma-BHC...	4.022	4.601	33348232	8451230	2.168	2.182
4)	MA Heptachlor	4.306	5.103	39186798	10975727	2.388	2.647
5)	MB Aldrin	4.544	5.405	39471413	8993286	2.548	2.387
6)	B beta-BHC	4.277	4.779	15822804	3296365	2.414	1.907
7)	B delta-BHC	4.470	4.990	32760462	8070826	1.997	2.087
8)	B Heptachlor...	4.980	5.793	36608777	13929432	2.478	3.642 #
9)	A Endosulfan I	5.311	6.147	38445778	8628973	2.643	2.509
10)	B gamma-Chl...	5.203	6.027	43899134	8773529	2.781	2.374
11)	B alpha-Chl...	5.258	6.098	41787632	9196195	2.739	2.509
12)	B 4,4'-DDE	5.426	6.258	35595337	9228951	2.375	2.561
13)	MA Dieldrin	5.549	6.403	38806786	8904029	2.504	2.514
14)	MA Endrin	5.802	6.620	39508565	7079988	2.684	2.283
15)	B Endosulfa...	6.077	6.832	36861087	8284858	2.634	2.606
16)	A 4,4'-DDD	5.937	6.749	30222099	6595652	2.522	2.477
17)	MA 4,4'-DDT	6.170	7.045	27320689	6572702	2.206	2.435
18)	B Endrin al...	6.244	6.957	29205088	6300960	2.532	2.319
19)	B Endosulfa...	6.455	7.180	33522748	7656846	2.631	2.651
20)	A Methoxychlor	6.716	7.506	15658121	4420596	2.510	3.013
21)	B Endrin ke...	6.936	7.648	33009979	8014044	2.413	2.772
22)	Mirex	7.109	8.097	26307728	6550723	2.683	2.852
24)	Chlordane-2	0.000	5.405f	0	8993286	N.D.	76.570 #
25)	Chlordane-3	5.203	6.027	43899134	8773529	31.361	18.241 #
26)	Chlordane-4	5.258	6.098	41787632	9196195	31.682	15.830 #
27)	Chlordane-5	6.077	0.000	36861087	0	72.570	N.D. #

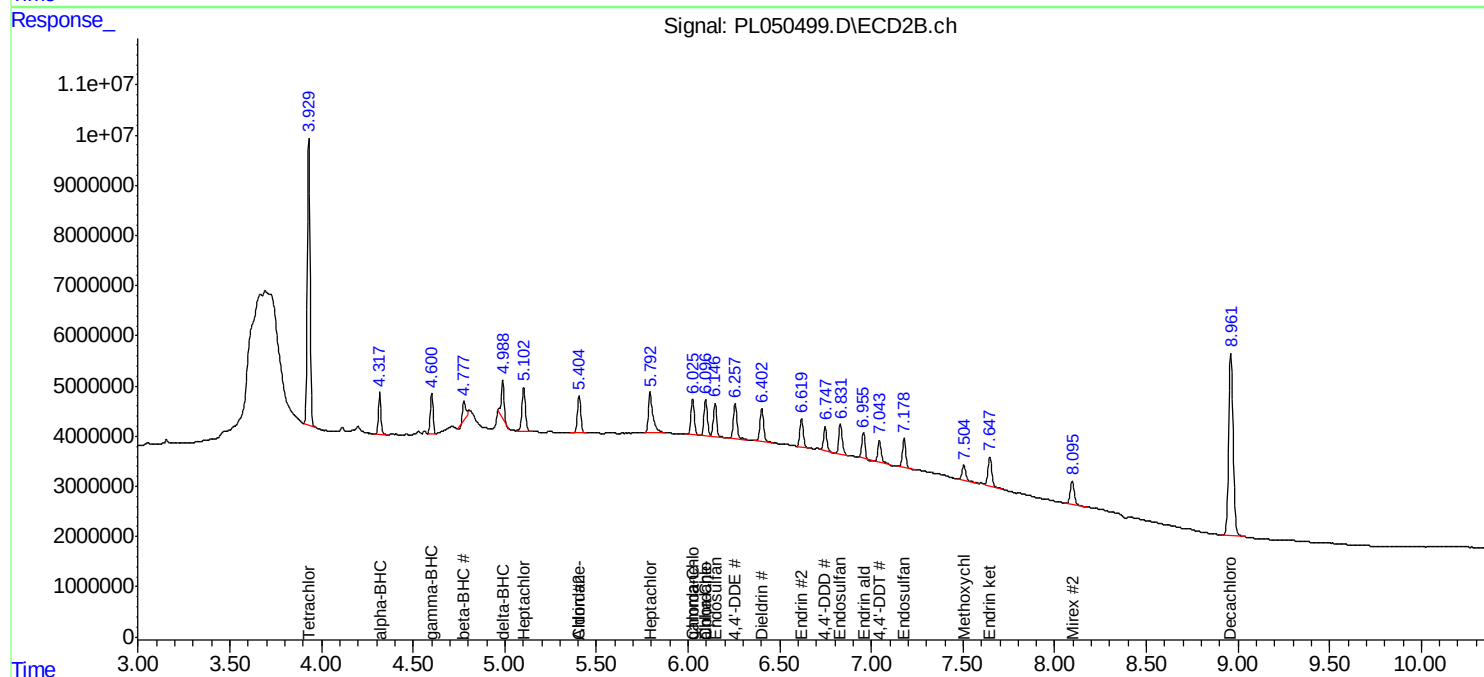
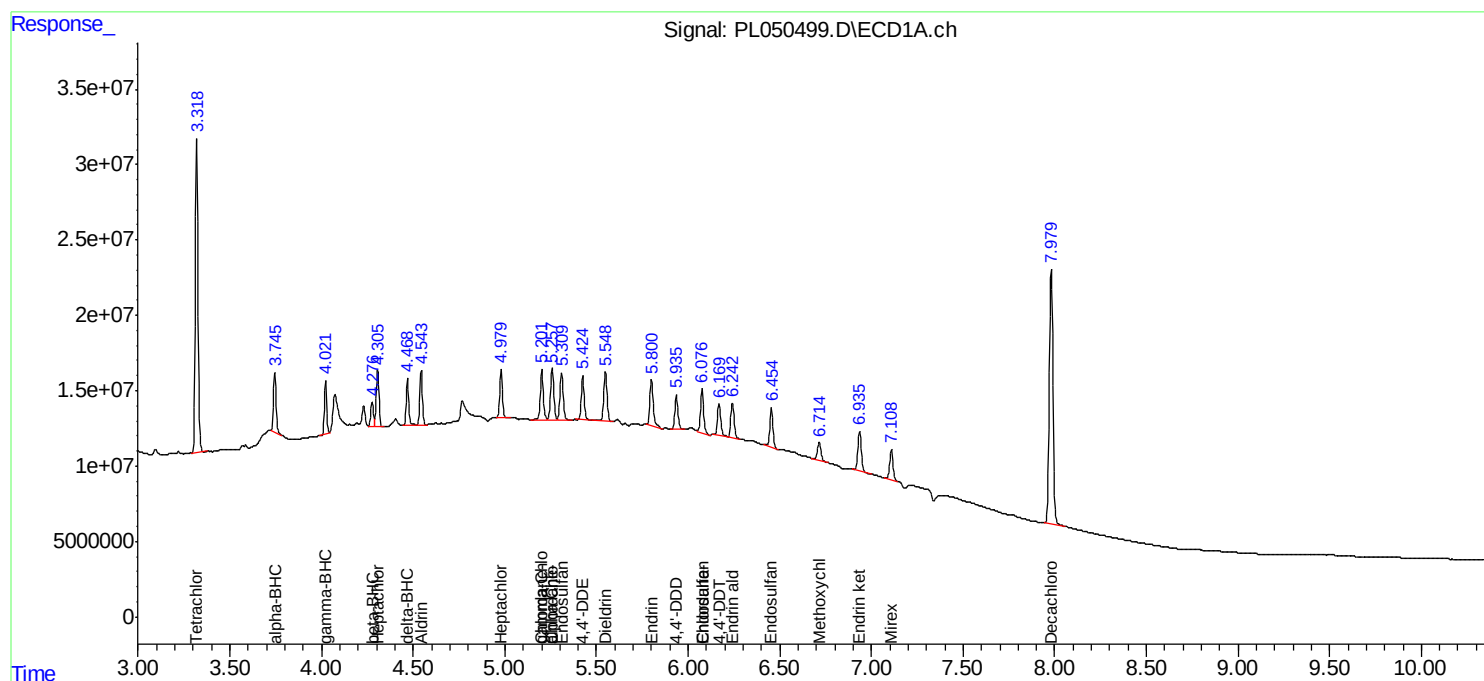
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

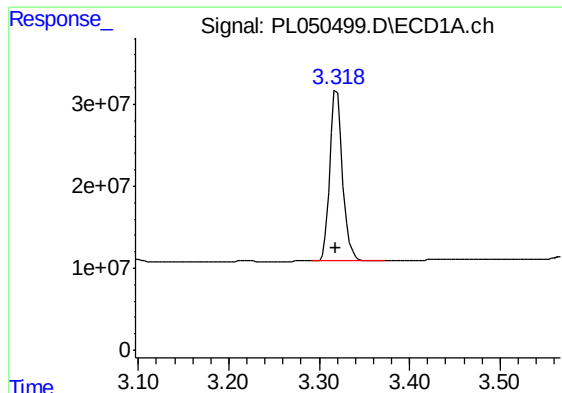
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2019 23:42
Operator : SM\AJ
Sample : K3591-07
Misc : LOD 2.5 PPB
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Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 06:38:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Thu Jul 18 04:12:31 2019
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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

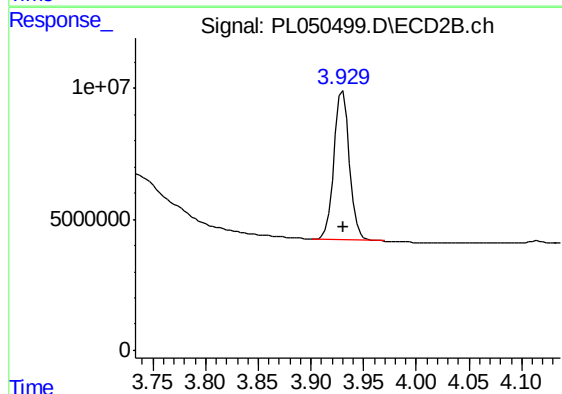




#1 Tetrachloro-m-xylene

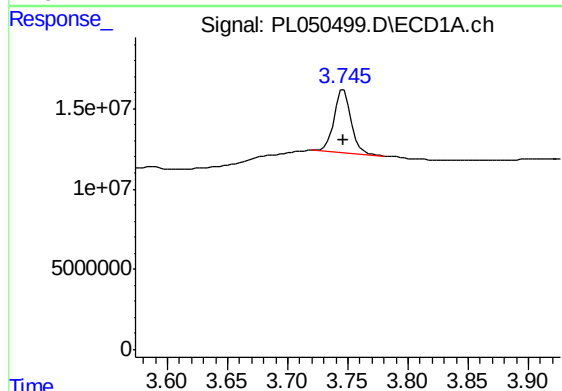
R.T.: 3.320 min
Delta R.T.: 0.002 min
Response: 204233948
Conc: 20.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



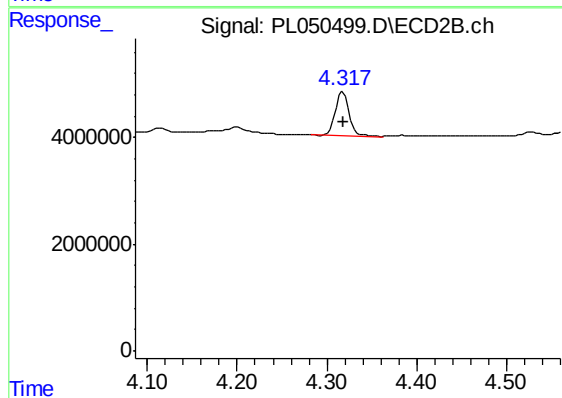
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 57718644
Conc: 20.23 ng/ml



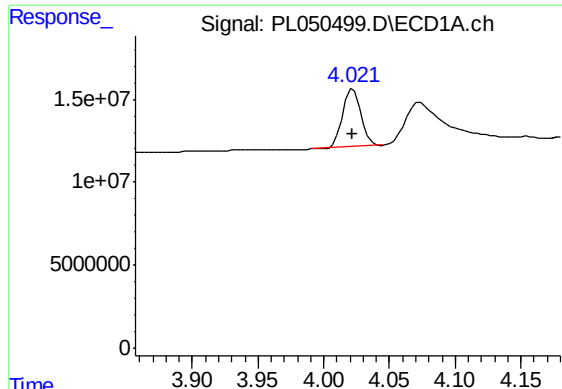
#2 alpha-BHC

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 39128740
Conc: 2.33 ng/ml



#2 alpha-BHC

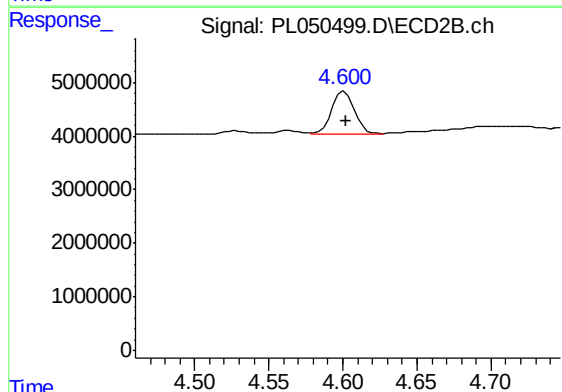
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 8870702
Conc: 2.15 ng/ml



#3 gamma-BHC (Lindane)

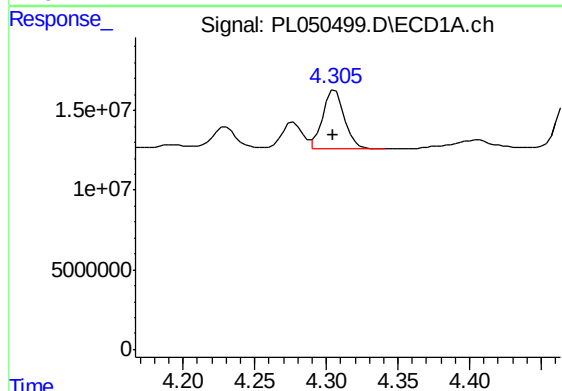
R.T.: 4.022 min
Delta R.T.: 0.001 min
Response: 33348232
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



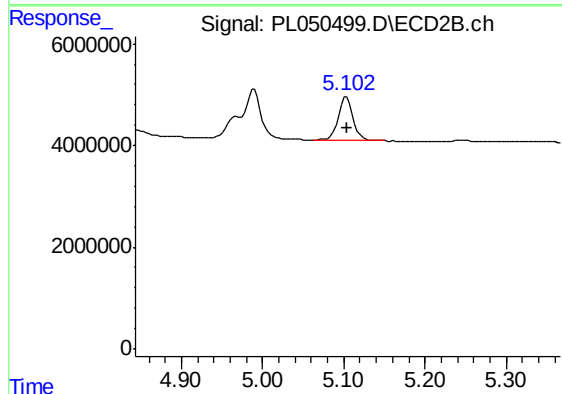
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 8451230
Conc: 2.18 ng/ml



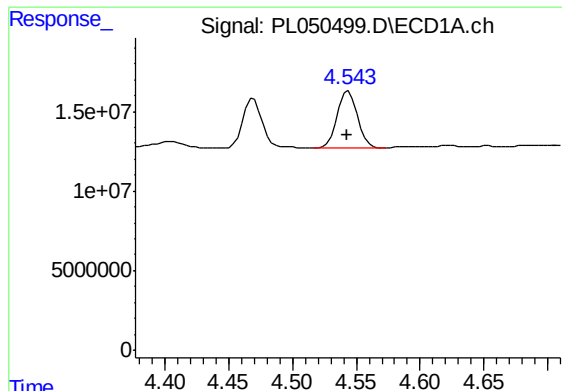
#4 Heptachlor

R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 39186798
Conc: 2.39 ng/ml



#4 Heptachlor

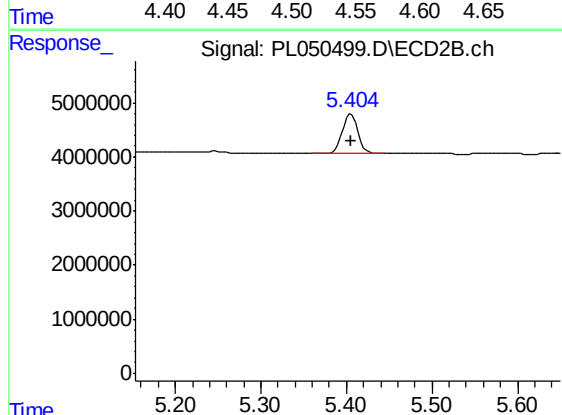
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 10975727
Conc: 2.65 ng/ml



#5 Aldrin

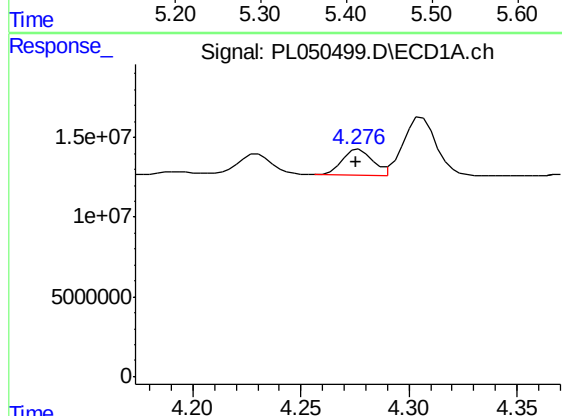
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 39471413
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



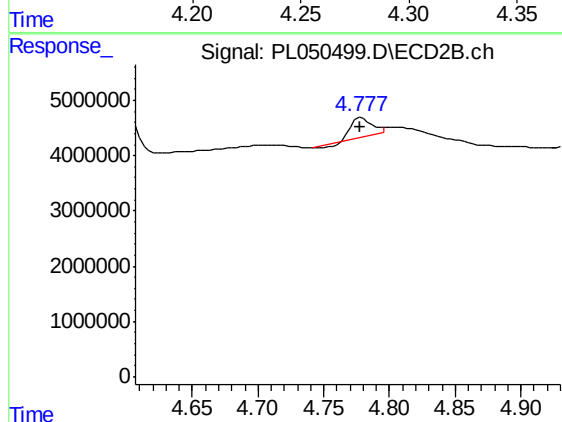
#5 Aldrin

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 8993286
Conc: 2.39 ng/ml



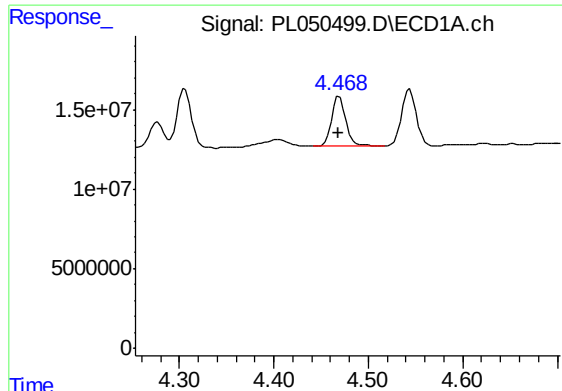
#6 beta-BHC

R.T.: 4.277 min
Delta R.T.: 0.001 min
Response: 15822804
Conc: 2.41 ng/ml



#6 beta-BHC

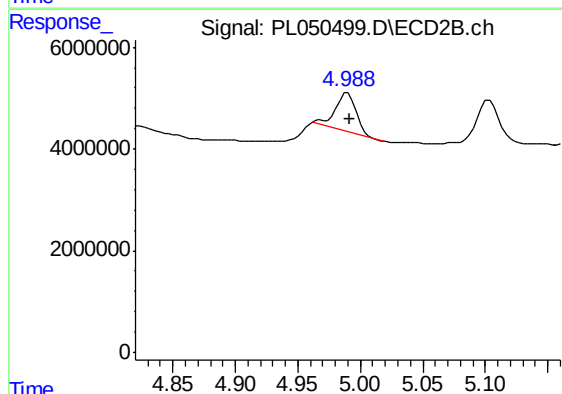
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 3296365
Conc: 1.91 ng/ml



#7 delta-BHC

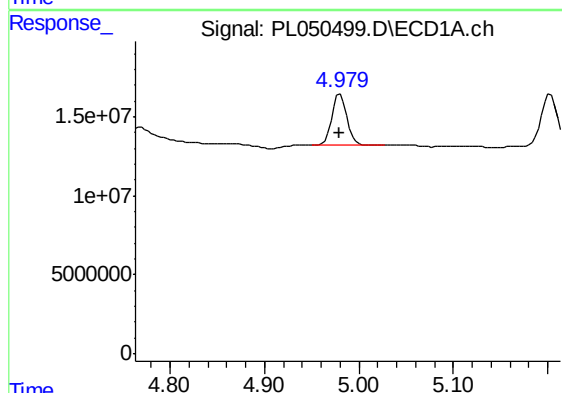
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 32760462
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



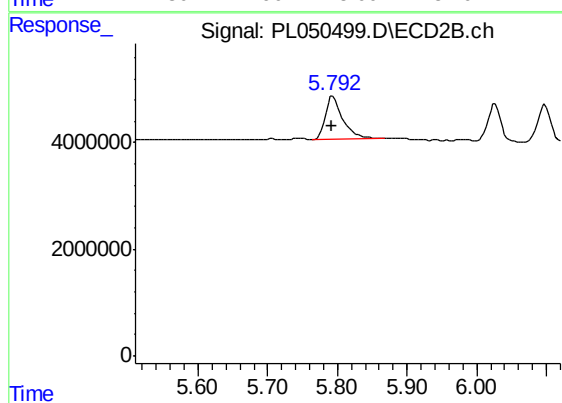
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 8070826
Conc: 2.09 ng/ml



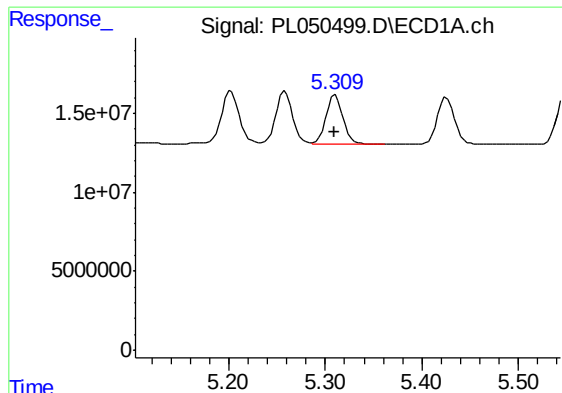
#8 Heptachlor epoxide

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 36608777
Conc: 2.48 ng/ml



#8 Heptachlor epoxide

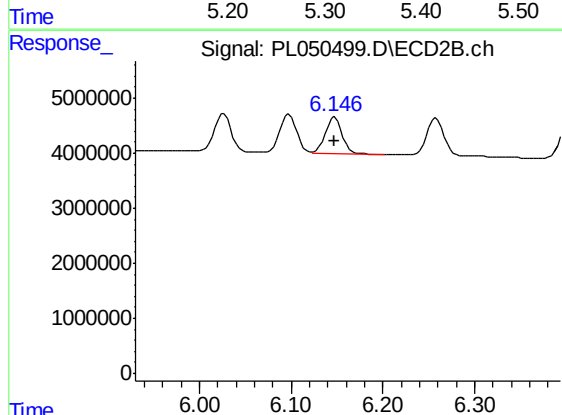
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 13929432
Conc: 3.64 ng/ml



#9 Endosulfan I

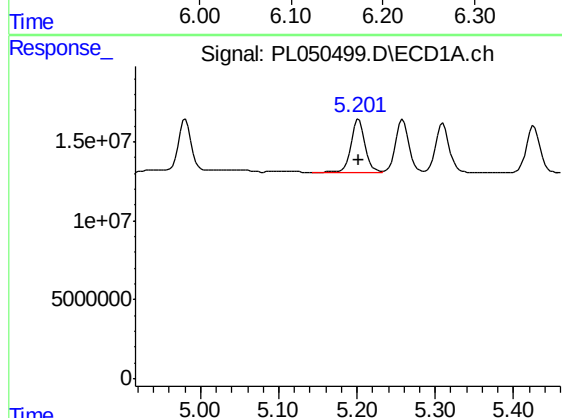
R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 38445778
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



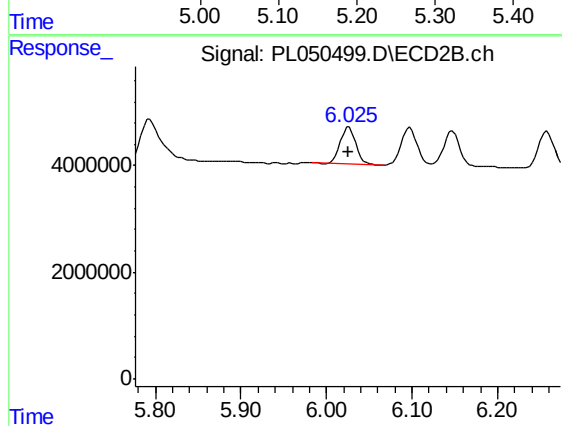
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 8628973
Conc: 2.51 ng/ml



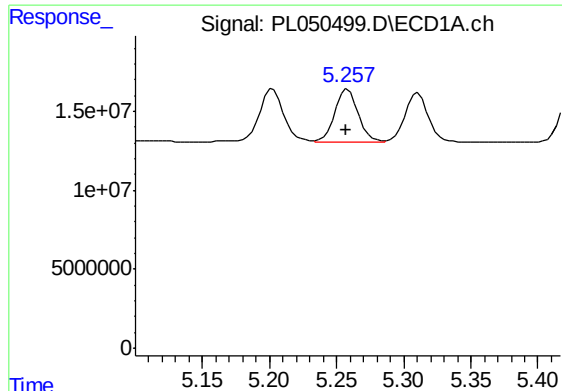
#10 gamma-Chlordane

R.T.: 5.203 min
Delta R.T.: 0.001 min
Response: 43899134
Conc: 2.78 ng/ml



#10 gamma-Chlordane

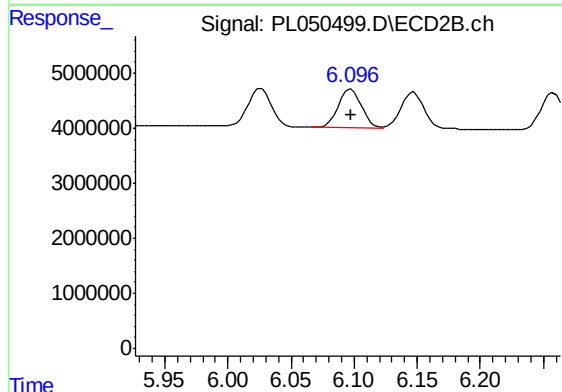
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 8773529
Conc: 2.37 ng/ml



#11 alpha-Chlordane

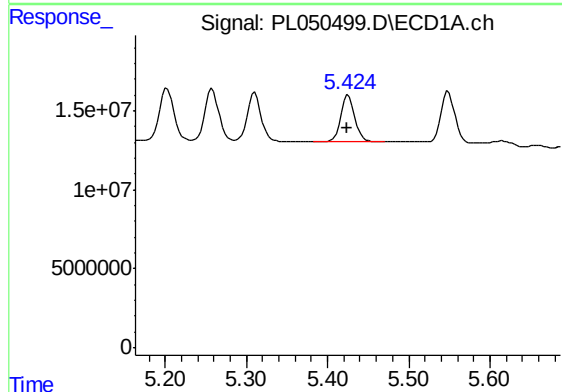
R.T.: 5.258 min
Delta R.T.: 0.001 min
Response: 41787632
Conc: 2.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



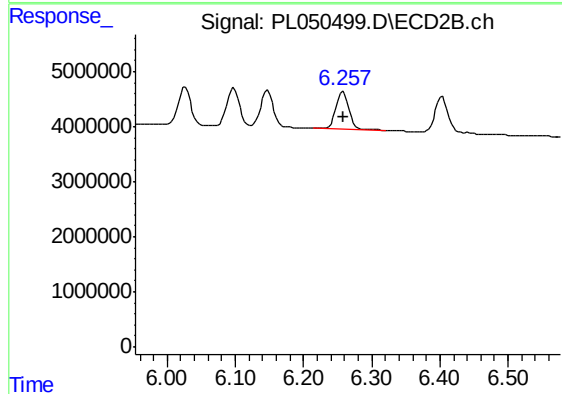
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 9196195
Conc: 2.51 ng/ml



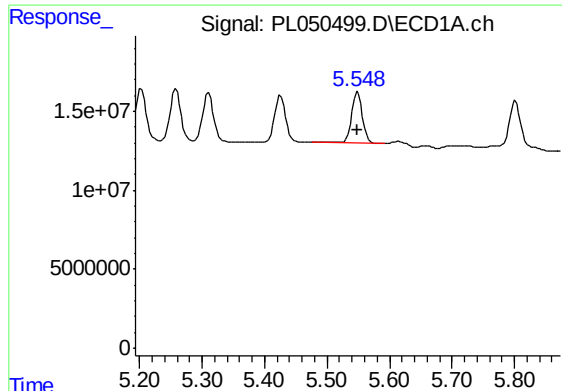
#12 4,4'-DDE

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 35595337
Conc: 2.38 ng/ml



#12 4,4'-DDE

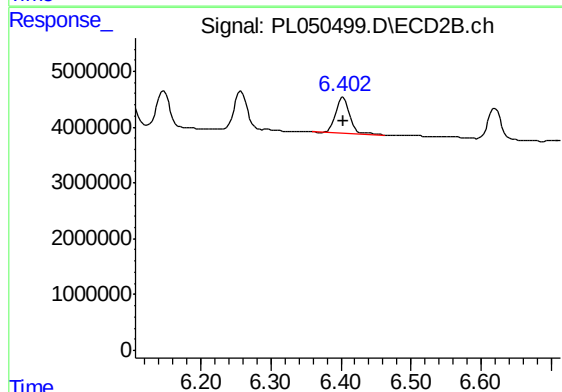
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 9228951
Conc: 2.56 ng/ml



#13 Dielddrin

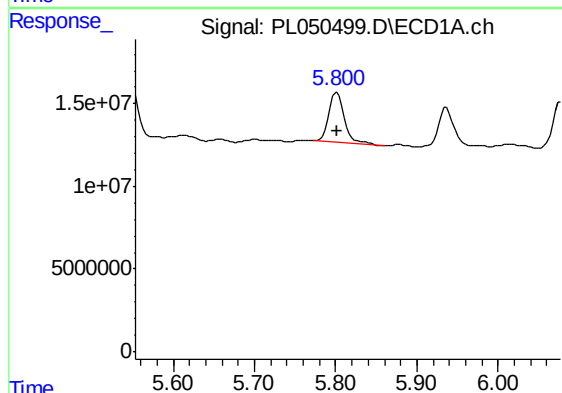
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 38806786
Conc: 2.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



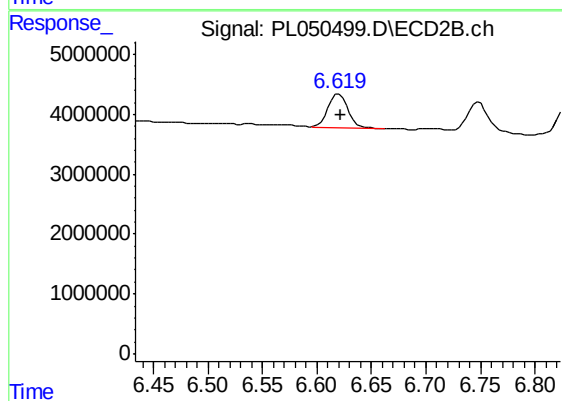
#13 Dielddrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 8904029
Conc: 2.51 ng/ml



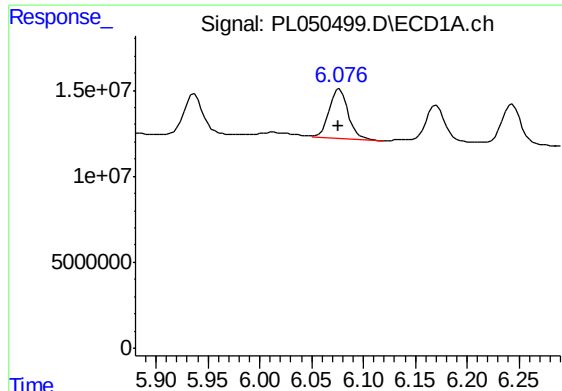
#14 Endrin

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 39508565
Conc: 2.68 ng/ml



#14 Endrin

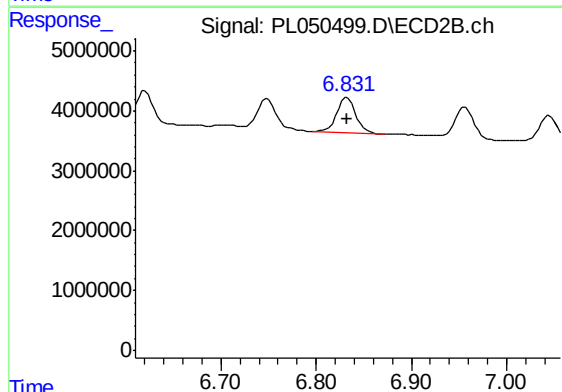
R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 7079988
Conc: 2.28 ng/ml



#15 Endosulfan II

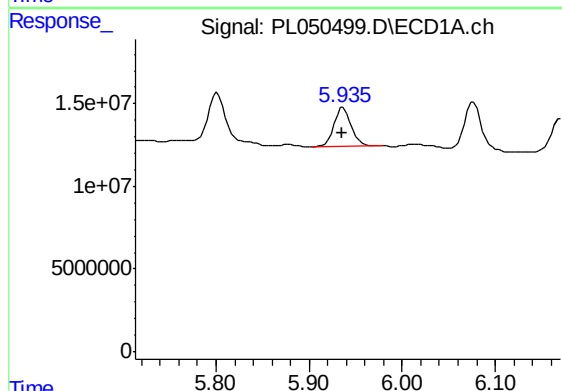
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 36861087
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



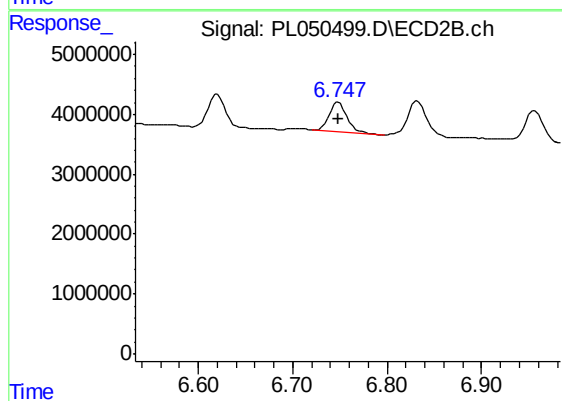
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 8284858
Conc: 2.61 ng/ml



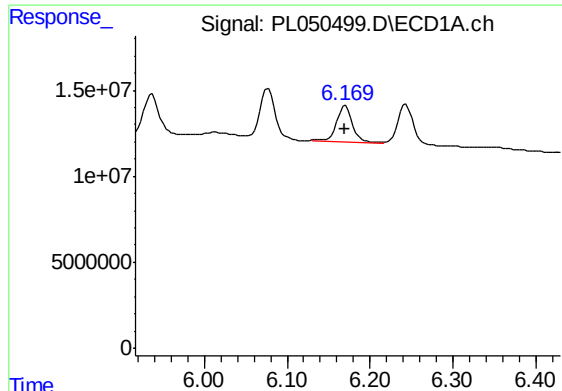
#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.001 min
Response: 30222099
Conc: 2.52 ng/ml



#16 4,4'-DDD

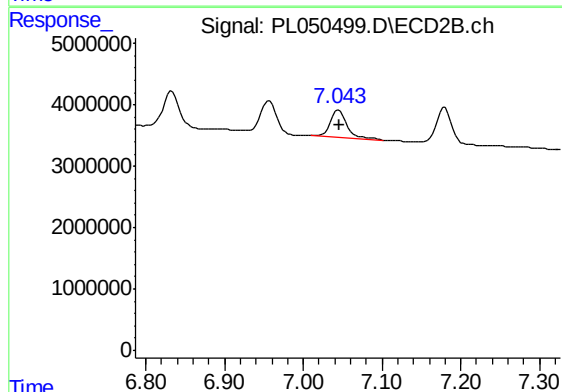
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 6595652
Conc: 2.48 ng/ml



#17 4,4'-DDT

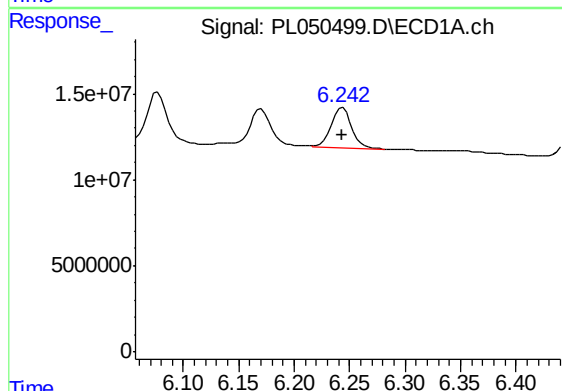
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 27320689
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



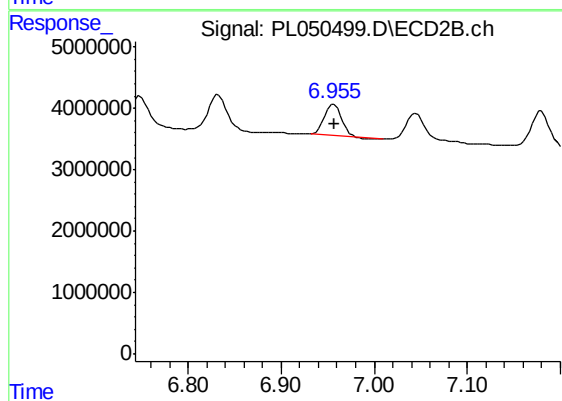
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 6572702
Conc: 2.43 ng/ml



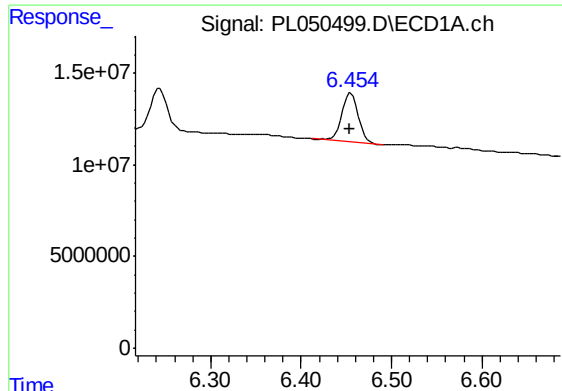
#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 29205088
Conc: 2.53 ng/ml



#18 Endrin aldehyde

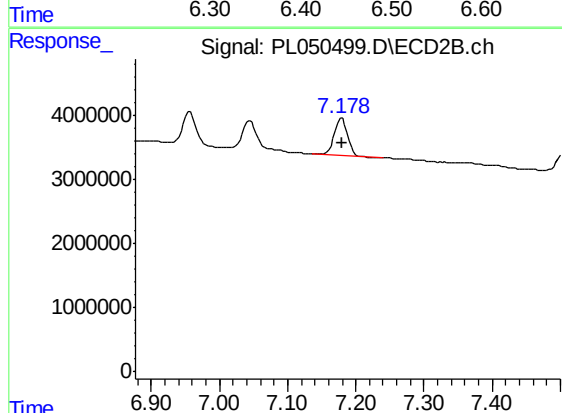
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 6300960
Conc: 2.32 ng/ml



#19 Endosulfan Sulfate

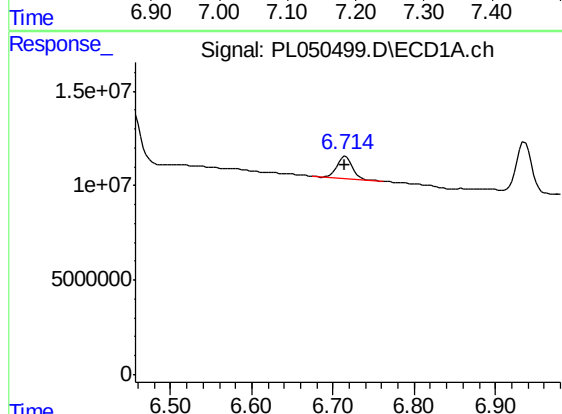
R.T.: 6.455 min
Delta R.T.: 0.001 min
Response: 33522748
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



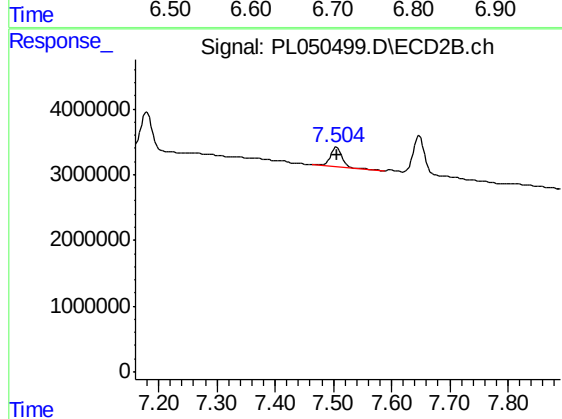
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 7656846
Conc: 2.65 ng/ml



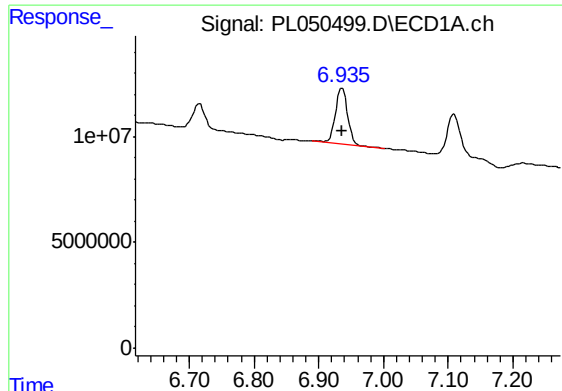
#20 Methoxychlor

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 15658121
Conc: 2.51 ng/ml



#20 Methoxychlor

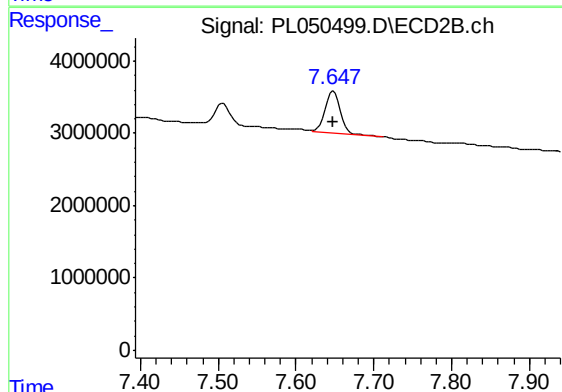
R.T.: 7.506 min
Delta R.T.: -0.001 min
Response: 4420596
Conc: 3.01 ng/ml



#21 Endrin ketone

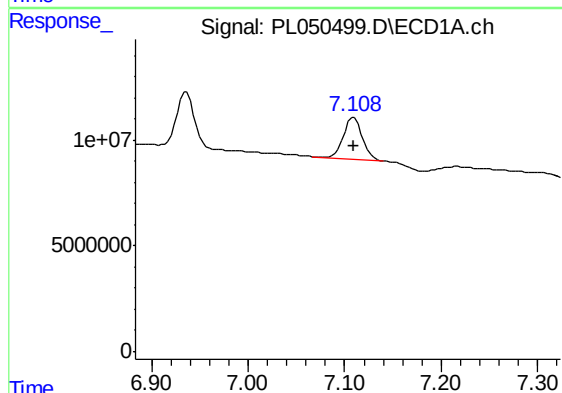
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 33009979
Conc: 2.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



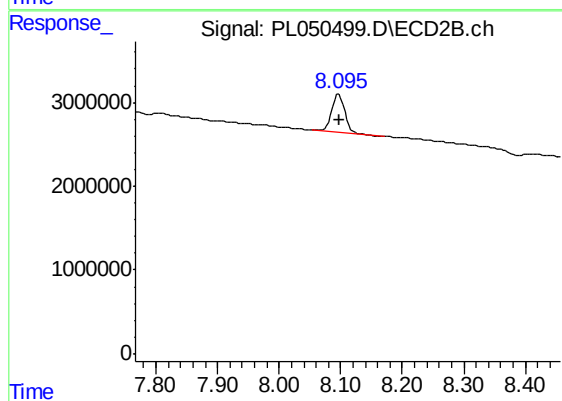
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 8014044
Conc: 2.77 ng/ml



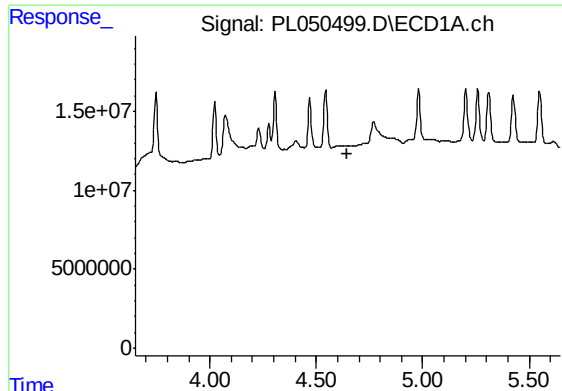
#22 Mirex

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 26307728
Conc: 2.68 ng/ml



#22 Mirex

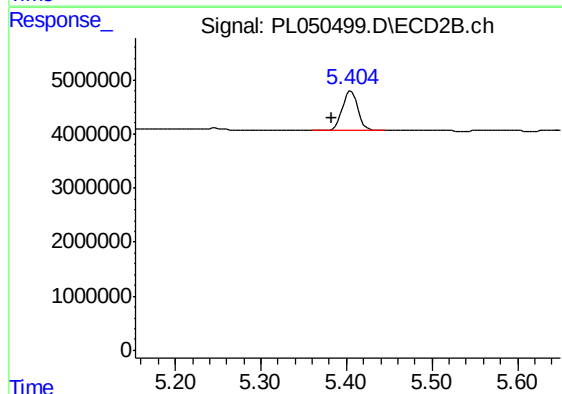
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 6550723
Conc: 2.85 ng/ml



#24 Chlordane-2

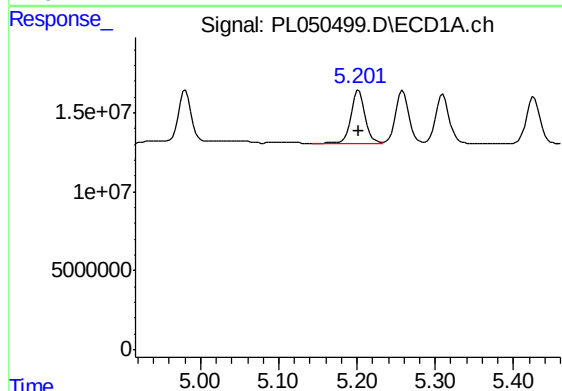
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



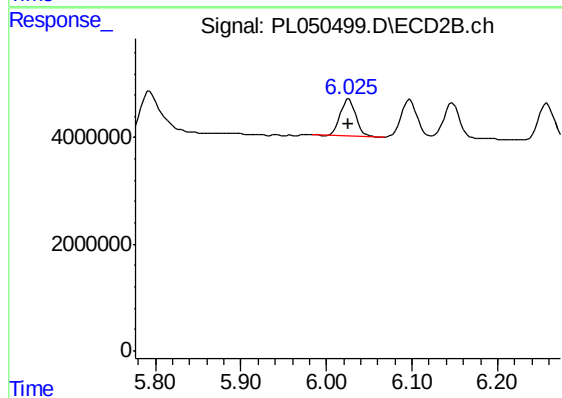
#24 Chlordane-2

R.T.: 5.405 min
Delta R.T.: 0.022 min
Response: 8993286
Conc: 76.57 ng/ml



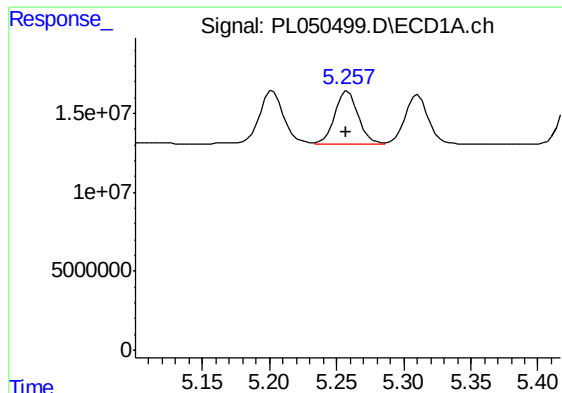
#25 Chlordane-3

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 43899134
Conc: 31.36 ng/ml



#25 Chlordane-3

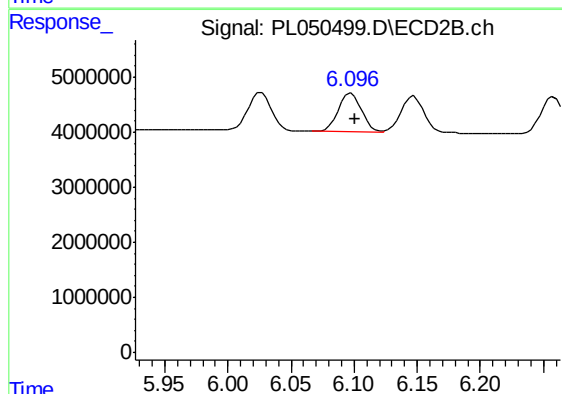
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 8773529
Conc: 18.24 ng/ml



#26 Chlordane-4

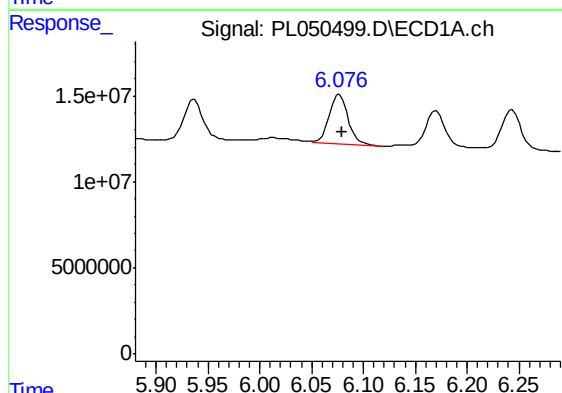
R.T.: 5.258 min
Delta R.T.: 0.002 min
Response: 41787632
Conc: 31.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



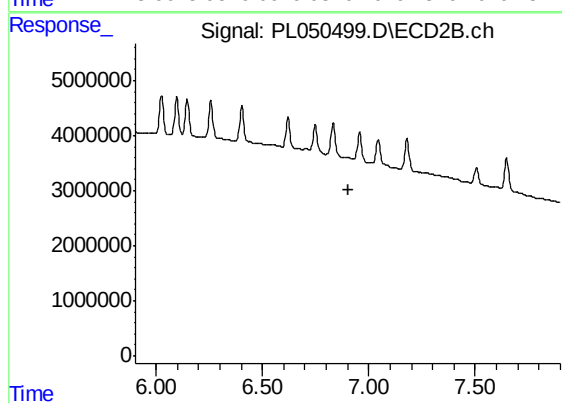
#26 Chlordane-4

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 9196195
Conc: 15.83 ng/ml



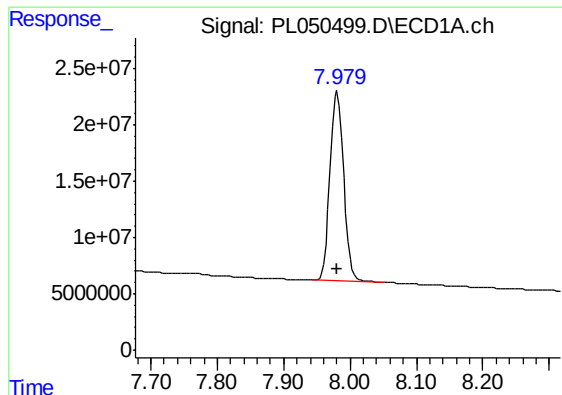
#27 Chlordane-5

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 36861087
Conc: 72.57 ng/ml



#27 Chlordane-5

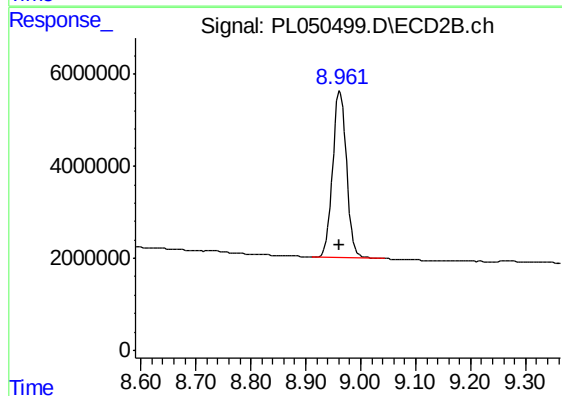
R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 240524617
Conc: 23.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



#28 Decachlorobiphenyl

R.T.: 8.963 min
Delta R.T.: 0.000 min
Response: 63681665
Conc: 22.52 ng/ml