

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
 Data File : PD064954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2021 08:18
 Operator : AR\AJ
 Sample : M2940-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 04:08:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081421.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 16 03:35:15 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.508	4.020	29449866	326.0E6	15.069	16.051
28)	SA Decachlor...	8.280	9.105	39571715	191.3E6	16.102	17.211
Target Compounds							
2)	A alpha-BHC	3.951	4.416	2053257	22894352	0.682	0.722
3)	MA gamma-BHC...	4.237	4.702	2414647	19538193	0.857	0.679
4)	MA Heptachlor	4.537	5.207	1569663	21842871	0.535	0.736 #
5)	MB Aldrin	4.787	5.513	1565307	20225004	0.542	0.718 #
7)	B delta-BHC	4.693	5.095	1259775	19428873	0.449	0.687 #
8)	B Heptachlo...	5.232	5.902	1455959	19722690	0.542	0.771 #
9)	A Endosulfan I	5.572	6.261	1340044	16716363	0.529	0.708 #
10)	B gamma-Chl...	5.458	6.137	1445507	20867460	0.523	0.799 #
11)	B alpha-Chl...	5.517	6.209	1508998	18892571	0.552	0.745 #
12)	B 4,4'-DDE	5.681	6.368	1420387	15256012	0.540	0.628
13)	MA Dieldrin	5.817	6.520	1427813	16880192	0.521	0.684 #
14)	MA Endrin	6.075	6.739	1484306	11218319	0.617	0.576
15)	B Endosulfa...	6.348	6.953	1400899	12899597	0.613	0.672
16)	A 4,4'-DDD	6.200	6.863	1163170	14415093	0.505	0.759 #
17)	MA 4,4'-DDT	6.440	7.161	1503270	11497421	0.626	0.577
18)	B Endrin al...	6.518	7.078	1185715	11918955	0.648	0.759
19)	B Endosulfa...	6.731	7.301	4934747	13102708	2.136	0.679 #
20)	A Methoxychlor	6.991	7.621	879246	6327176	0.627	0.666
21)	B Endrin ke...	7.227	7.775	1985387	12796934	0.690	0.671
22)	Mirex	7.414	8.224	1622650	9671611	0.731	0.767
24)	Chlordane-2	0.000	5.513f	0	20225004	N.D.	24.340 #
25)	Chlordane-3	5.458	6.137	1445507	20867460	5.596	6.222
26)	Chlordane-4	5.517	6.209	1508998	18892571	7.253	4.858 #
27)	Chlordane-5	6.348	0.000	1400899	0	14.918	N.D. #

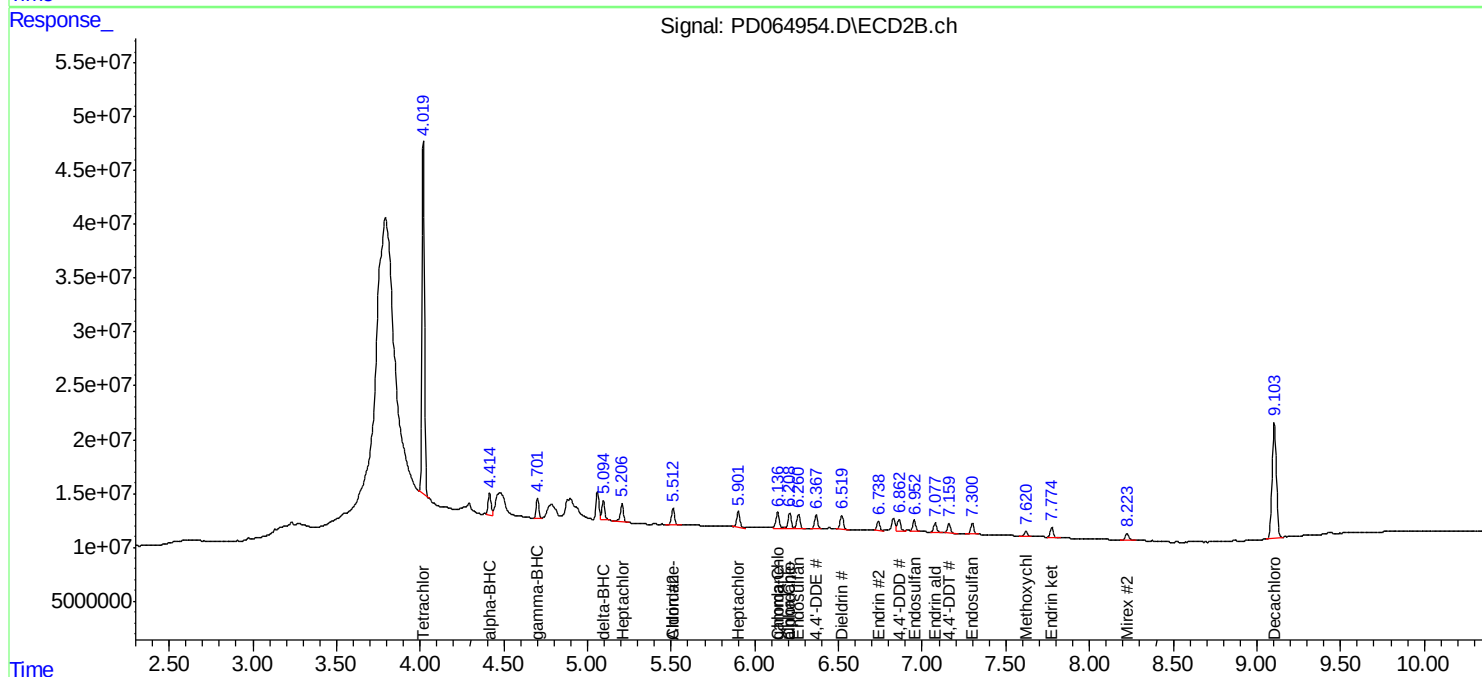
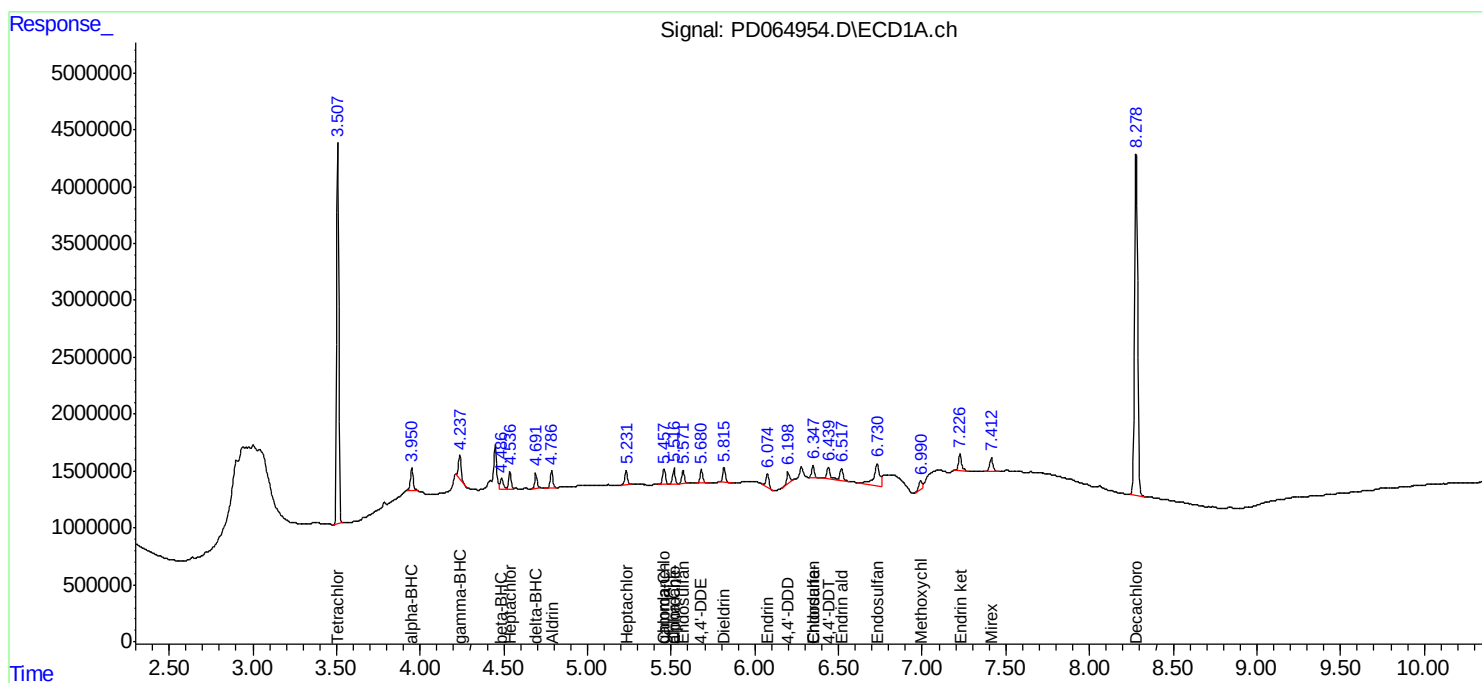
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

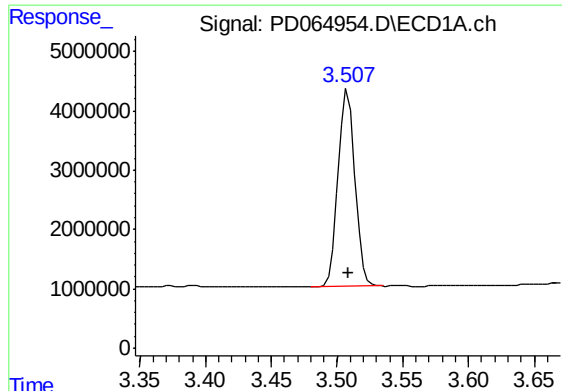
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
Data File : PD064954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2021 08:18
Operator : AR\AJ
Sample : M2940-07
Misc : PEST LOD 1 PPB
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ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 04:08:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081421.M
Quant Title : GC Extractables
QLast Update : Mon Aug 16 03:35:15 2021
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Volume Inj. : 2 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 x 0.50µm

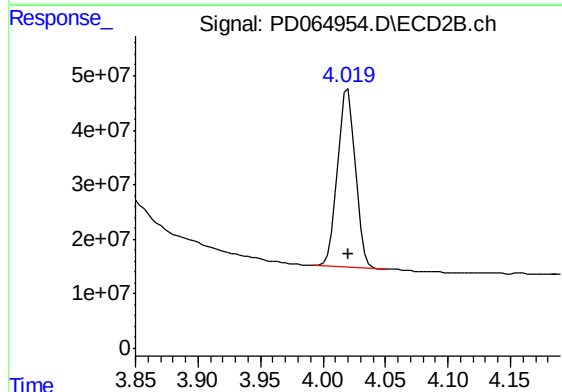




#1 Tetrachloro-m-xylene

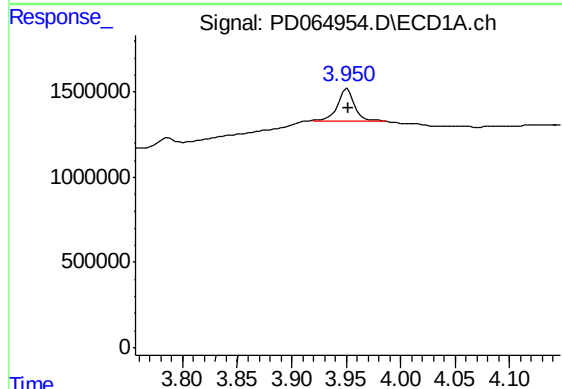
R.T.: 3.508 min
Delta R.T.: 0.000 min
Response: 29449866
Conc: 15.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



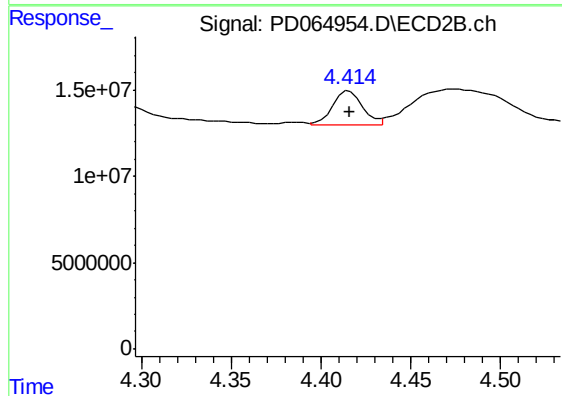
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 325950266
Conc: 16.05 ng/ml



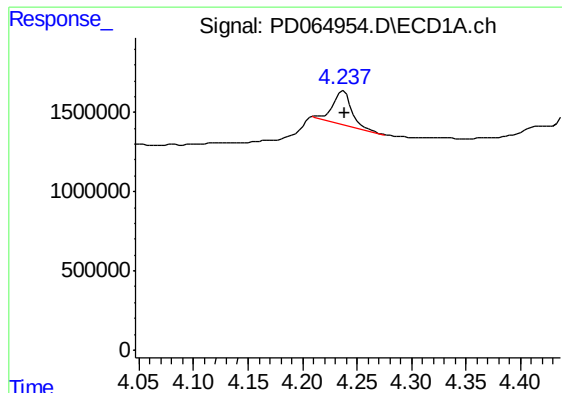
#2 alpha-BHC

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 2053257
Conc: 0.68 ng/ml



#2 alpha-BHC

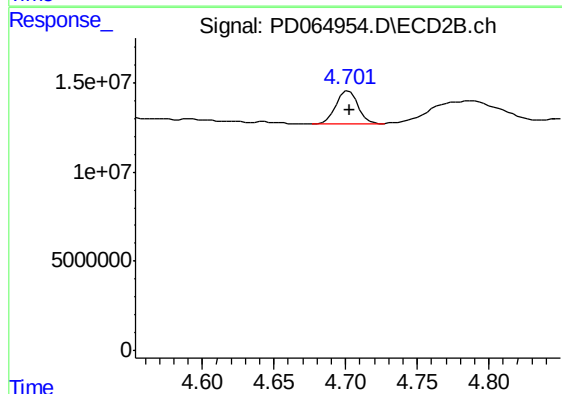
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 22894352
Conc: 0.72 ng/ml



#3 gamma-BHC (Lindane)

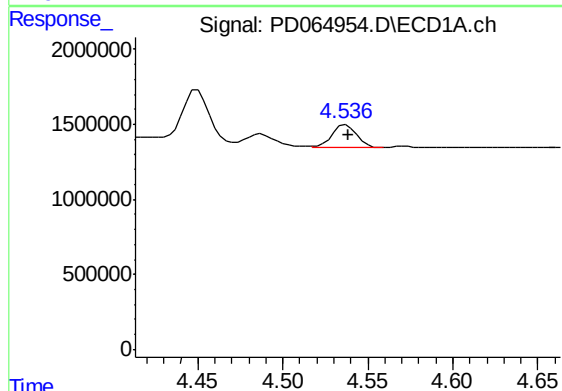
R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 2414647
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



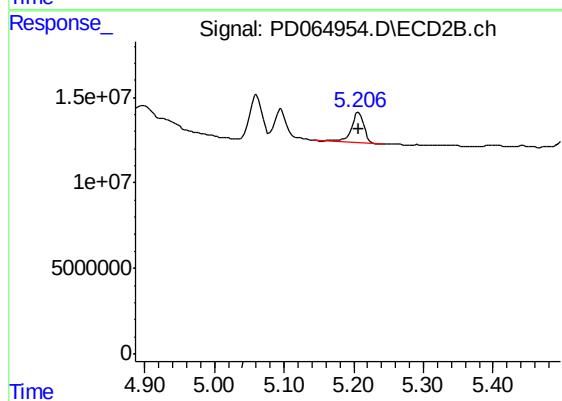
#3 gamma-BHC (Lindane)

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 19538193
Conc: 0.68 ng/ml



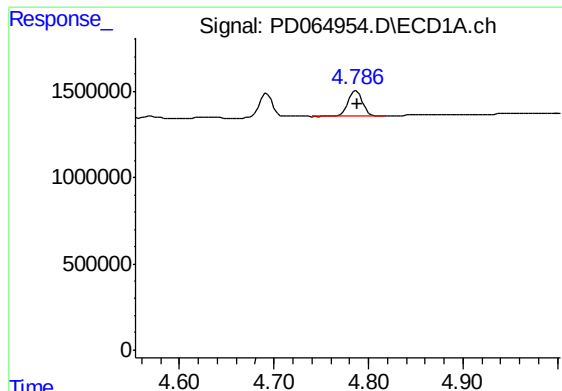
#4 Heptachlor

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 1569663
Conc: 0.54 ng/ml



#4 Heptachlor

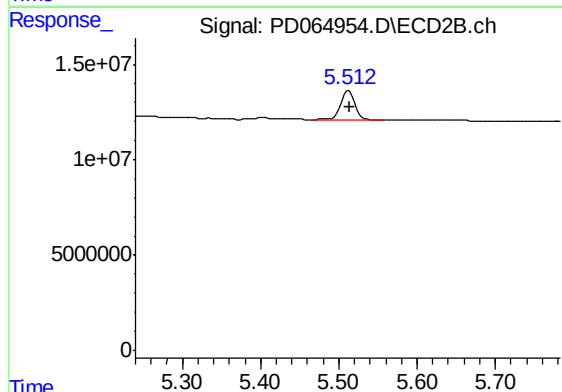
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 21842871
Conc: 0.74 ng/ml



#5 Aldrin

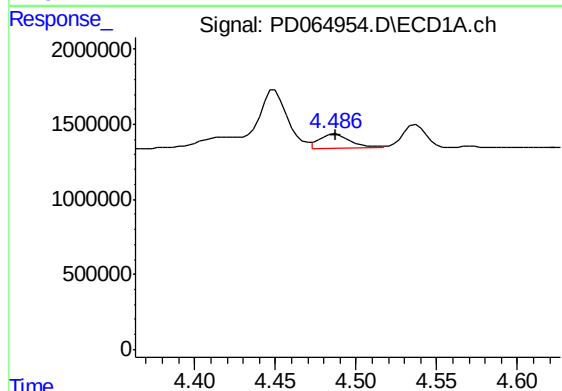
R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 1565307
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



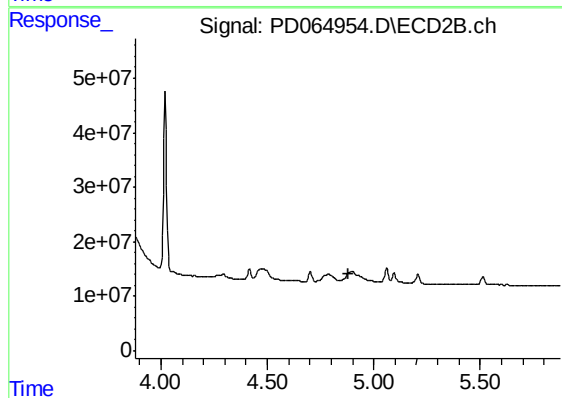
#5 Aldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 20225004
Conc: 0.72 ng/ml



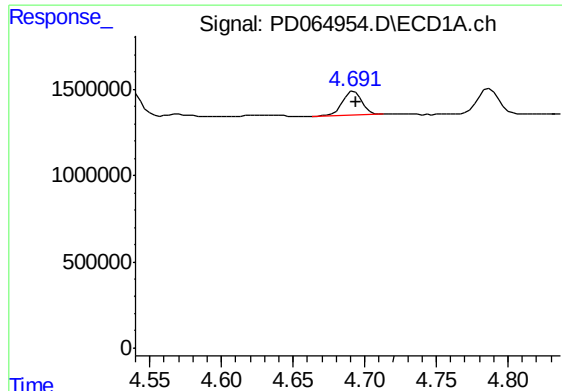
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 1278666
Conc: 1.03 ng/ml



#6 beta-BHC

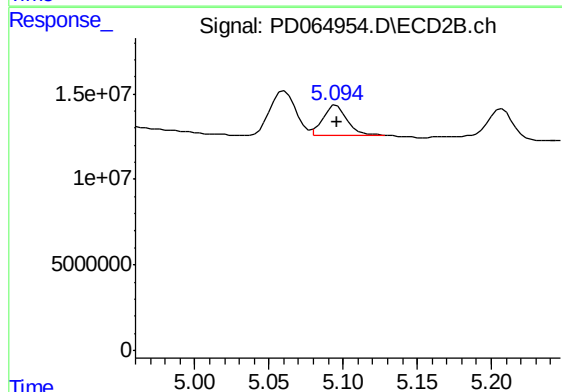
R.T.: 4.884 min
Delta R.T.: 0.005 min
Response: 9864363
Conc: N.D.



#7 delta-BHC

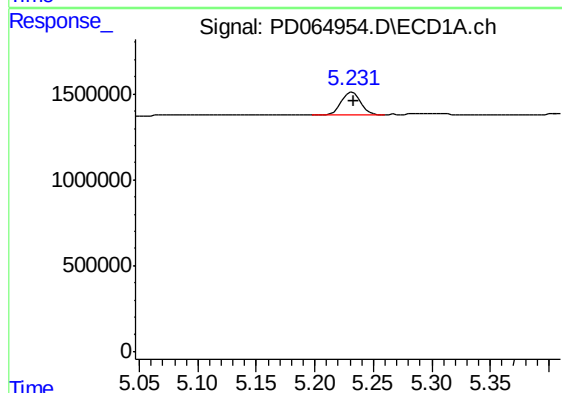
R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 1259775
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



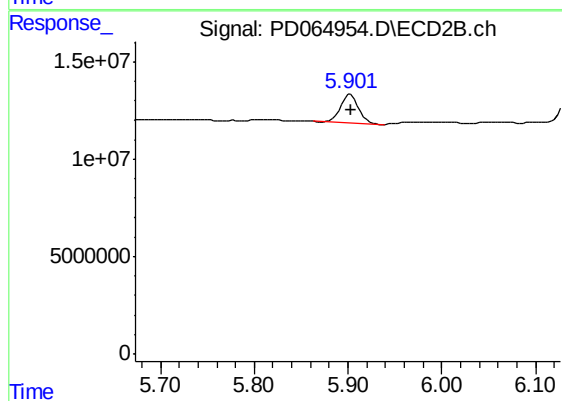
#7 delta-BHC

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 19428873
Conc: 0.69 ng/ml



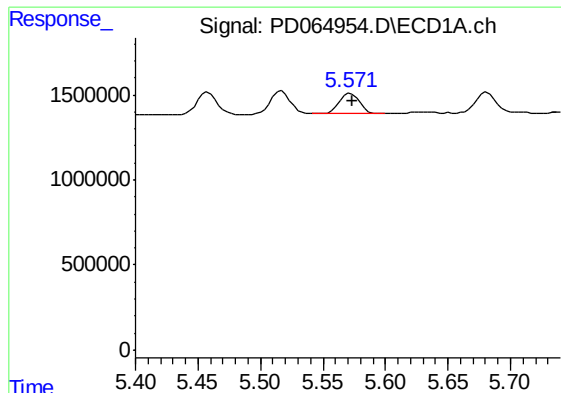
#8 Heptachlor epoxide

R.T.: 5.232 min
Delta R.T.: -0.002 min
Response: 1455959
Conc: 0.54 ng/ml



#8 Heptachlor epoxide

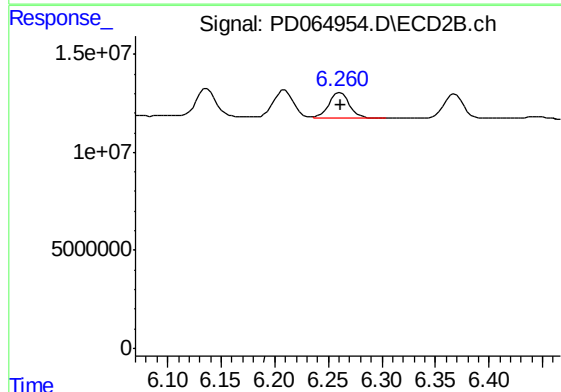
R.T.: 5.902 min
Delta R.T.: -0.001 min
Response: 19722690
Conc: 0.77 ng/ml



#9 Endosulfan I

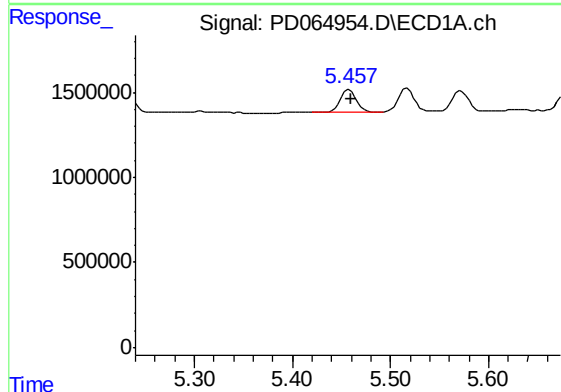
R.T.: 5.572 min
Delta R.T.: -0.001 min
Response: 1340044
Conc: 0.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



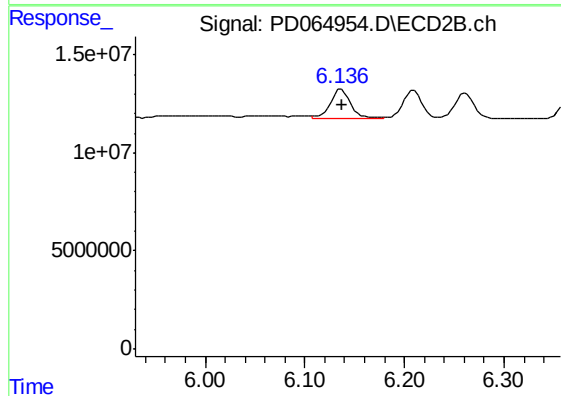
#9 Endosulfan I

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 16716363
Conc: 0.71 ng/ml



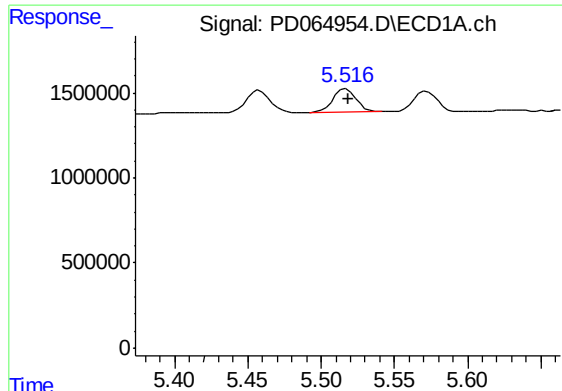
#10 gamma-Chlordane

R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 1445507
Conc: 0.52 ng/ml



#10 gamma-Chlordane

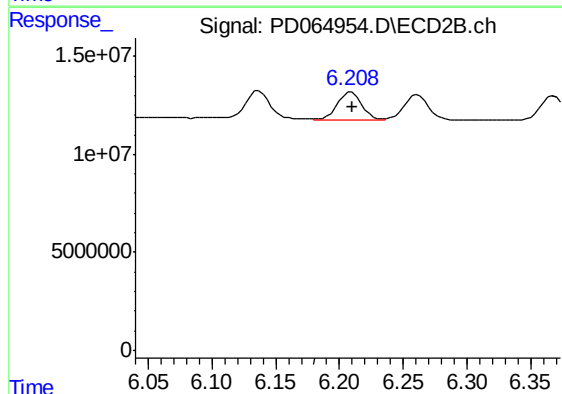
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 20867460
Conc: 0.80 ng/ml



#11 alpha-Chlordane

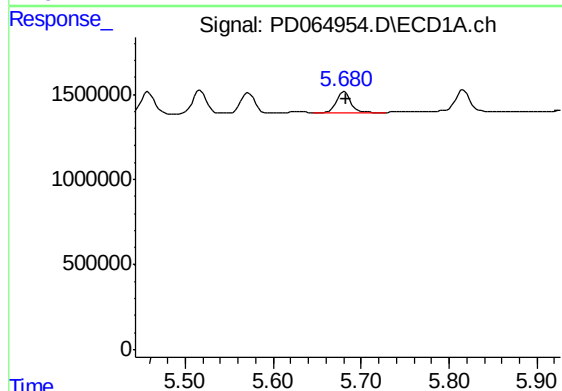
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 1508998
Conc: 0.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



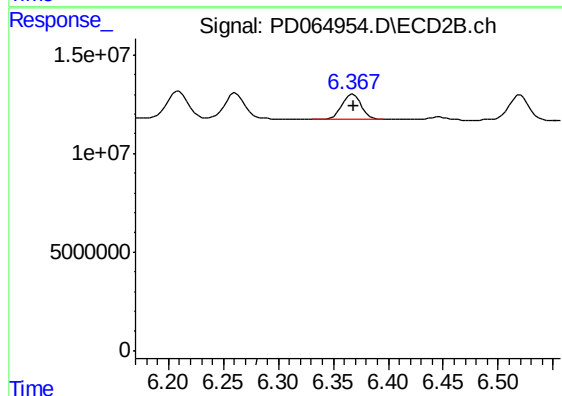
#11 alpha-Chlordane

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 18892571
Conc: 0.75 ng/ml



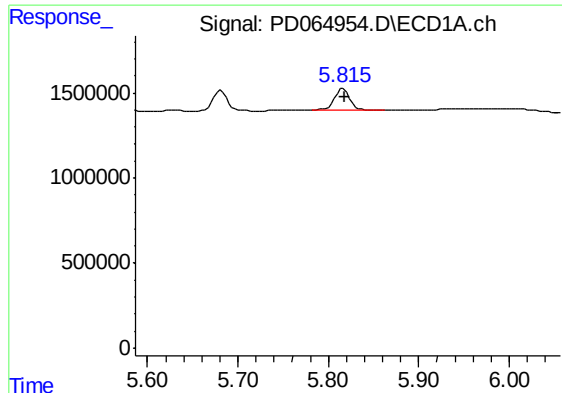
#12 4,4'-DDE

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 1420387
Conc: 0.54 ng/ml



#12 4,4'-DDE

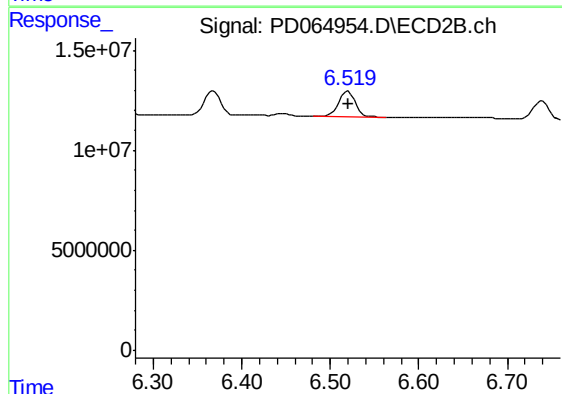
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 15256012
Conc: 0.63 ng/ml



#13 Dieldrin

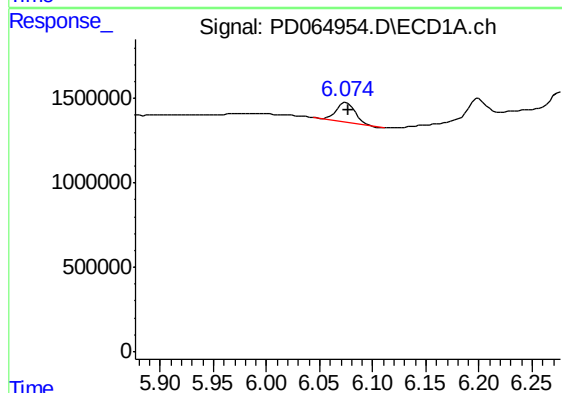
R.T.: 5.817 min
Delta R.T.: -0.002 min
Response: 1427813
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



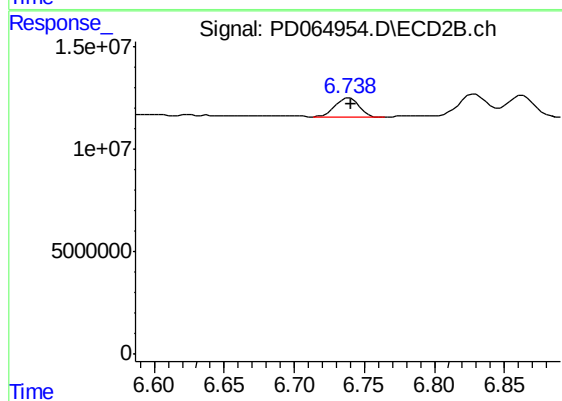
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 16880192
Conc: 0.68 ng/ml



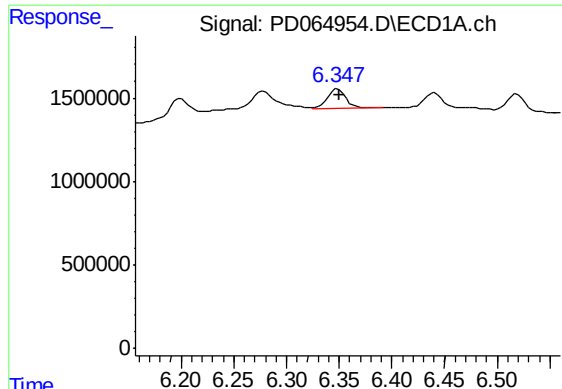
#14 Endrin

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 1484306
Conc: 0.62 ng/ml



#14 Endrin

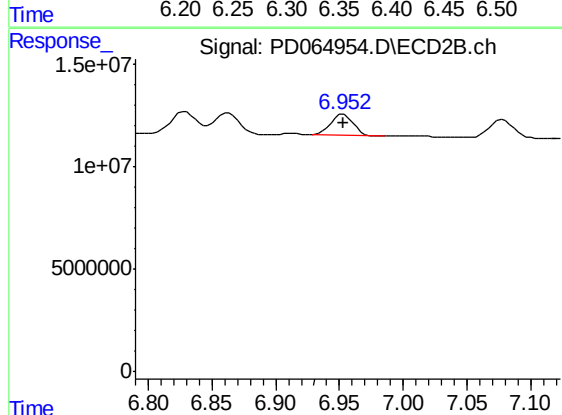
R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 11218319
Conc: 0.58 ng/ml



#15 Endosulfan II

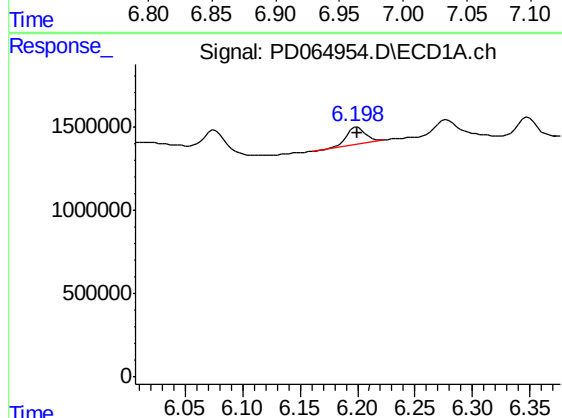
R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 1400899
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



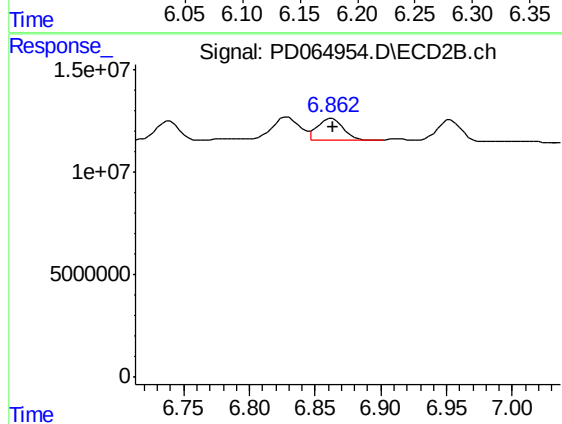
#15 Endosulfan II

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 12899597
Conc: 0.67 ng/ml



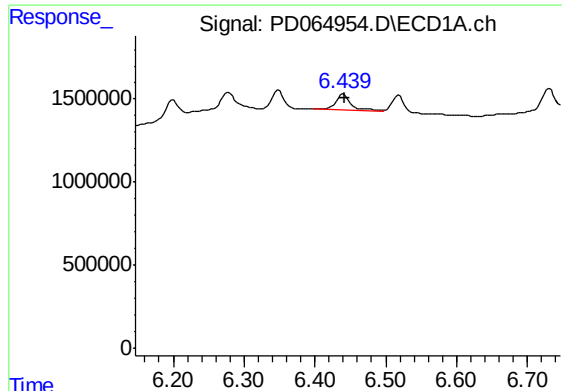
#16 4,4'-DDD

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 1163170
Conc: 0.50 ng/ml



#16 4,4'-DDD

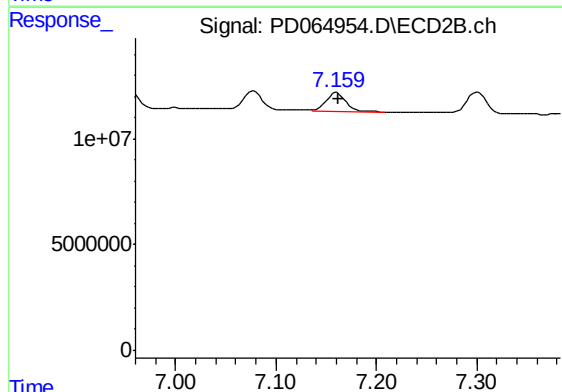
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 14415093
Conc: 0.76 ng/ml



#17 4,4'-DDT

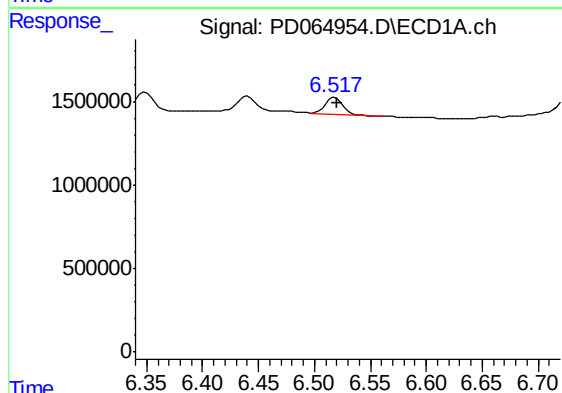
R.T.: 6.440 min
Delta R.T.: -0.001 min
Response: 1503270
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



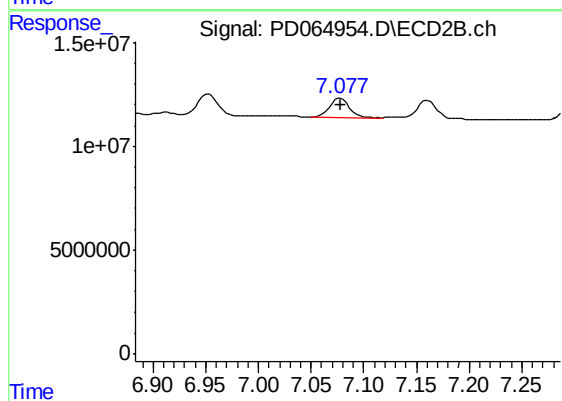
#17 4,4'-DDT

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 11497421
Conc: 0.58 ng/ml



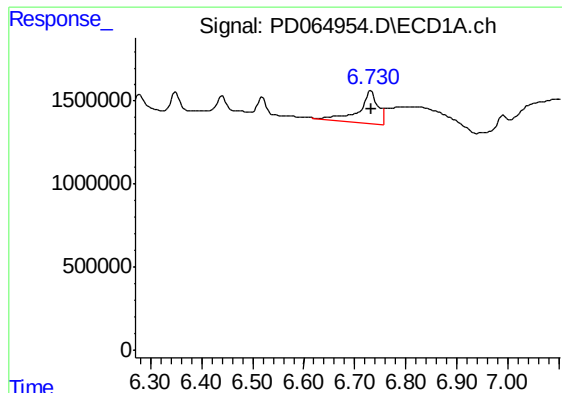
#18 Endrin aldehyde

R.T.: 6.518 min
Delta R.T.: -0.002 min
Response: 1185715
Conc: 0.65 ng/ml



#18 Endrin aldehyde

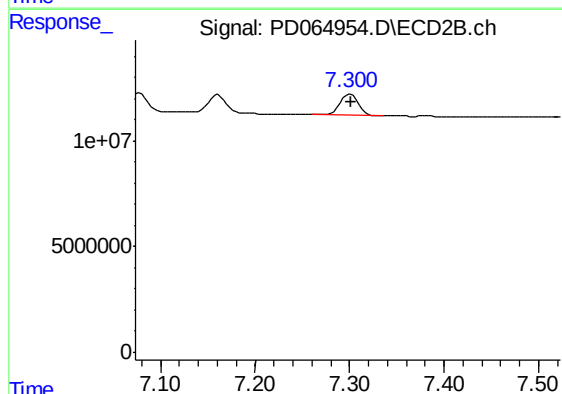
R.T.: 7.078 min
Delta R.T.: 0.000 min
Response: 11918955
Conc: 0.76 ng/ml



#19 Endosulfan Sulfate

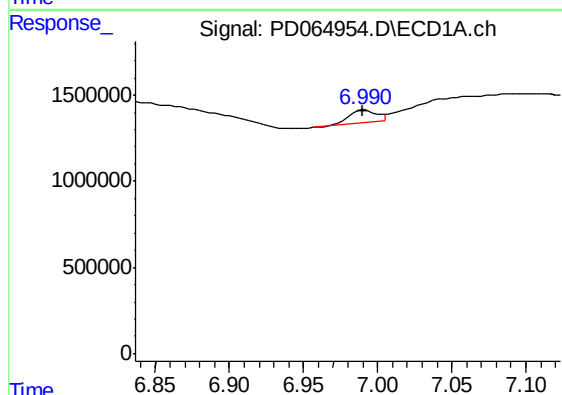
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 4934747
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



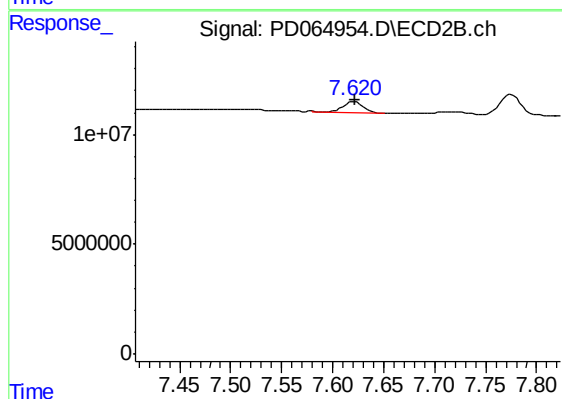
#19 Endosulfan Sulfate

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 13102708
Conc: 0.68 ng/ml



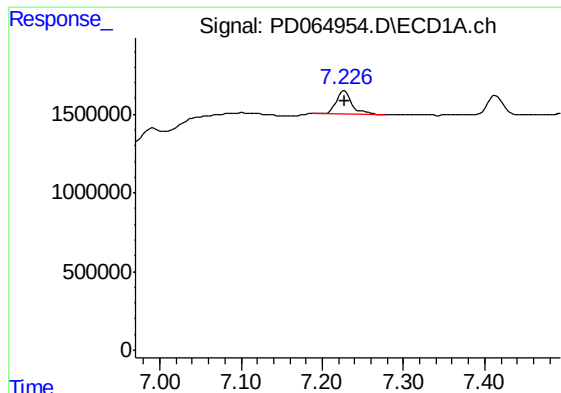
#20 Methoxychlor

R.T.: 6.991 min
Delta R.T.: 0.001 min
Response: 879246
Conc: 0.63 ng/ml



#20 Methoxychlor

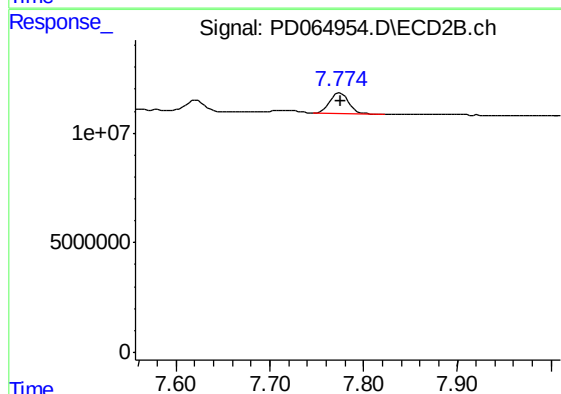
R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 6327176
Conc: 0.67 ng/ml



#21 Endrin ketone

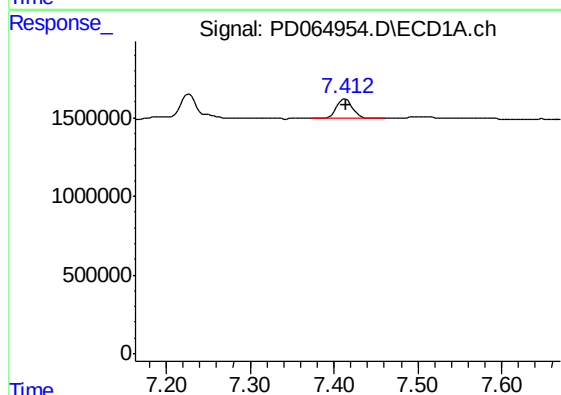
R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 1985387
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



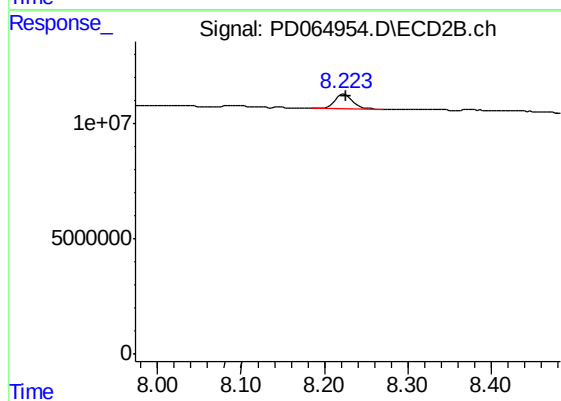
#21 Endrin ketone

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 12796934
Conc: 0.67 ng/ml



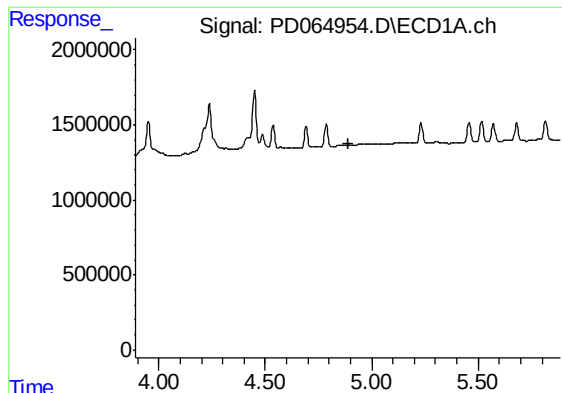
#22 Mirex

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 1622650
Conc: 0.73 ng/ml



#22 Mirex

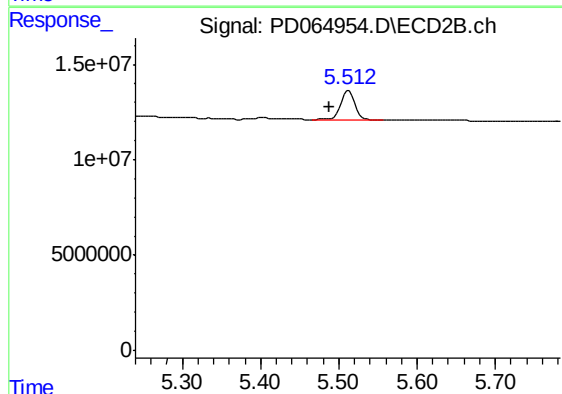
R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 9671611
Conc: 0.77 ng/ml



#24 Chlordane-2

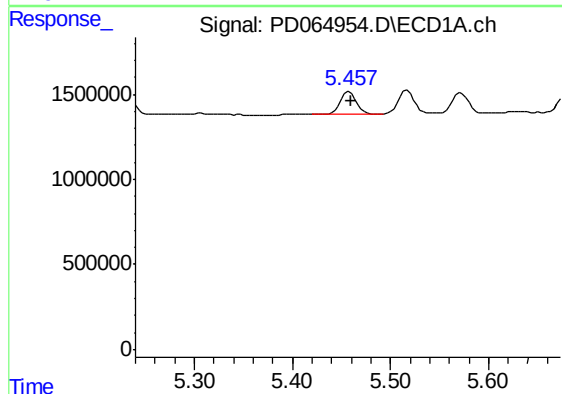
R.T.: 0.000 min
Exp R.T.: 4.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



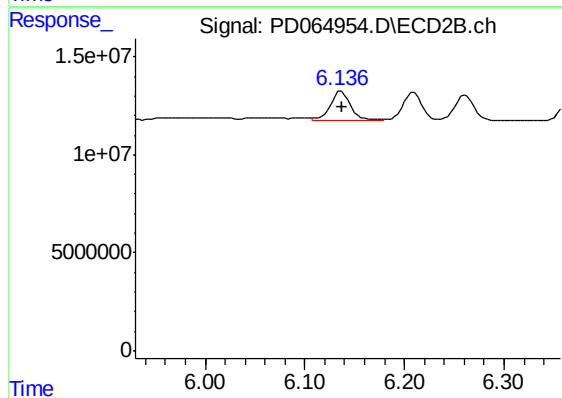
#24 Chlordane-2

R.T.: 5.513 min
Delta R.T.: 0.024 min
Response: 20225004
Conc: 24.34 ng/ml



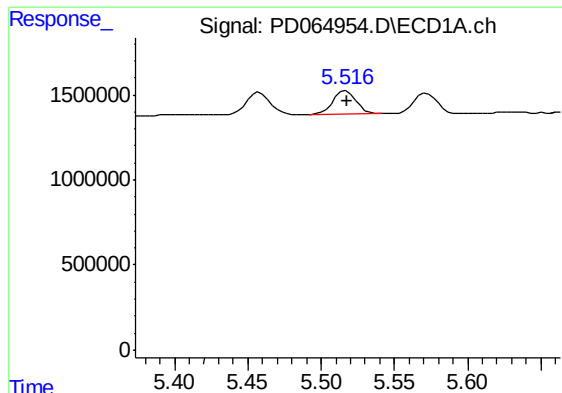
#25 Chlordane-3

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 1445507
Conc: 5.60 ng/ml



#25 Chlordane-3

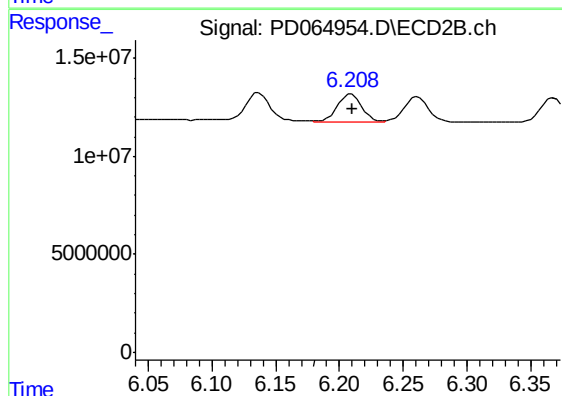
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 20867460
Conc: 6.22 ng/ml



#26 Chlordane-4

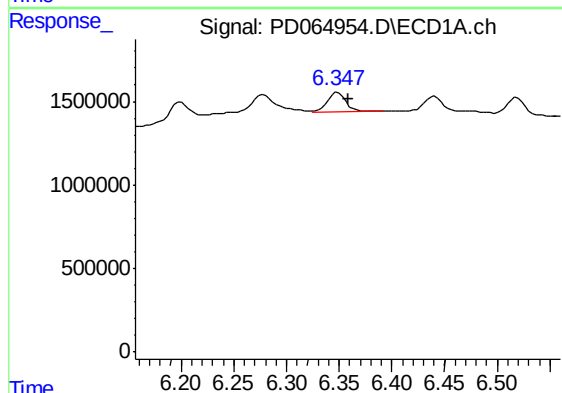
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 1508998
Conc: 7.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



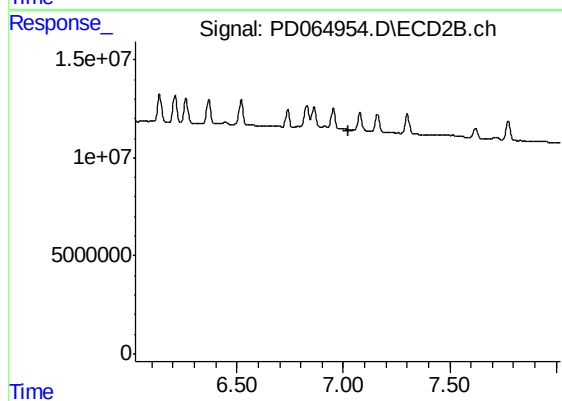
#26 Chlordane-4

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 18892571
Conc: 4.86 ng/ml



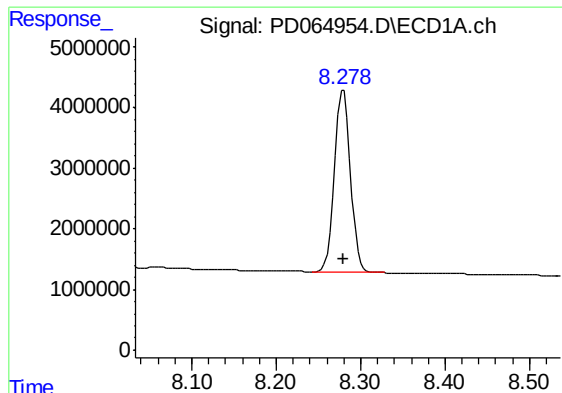
#27 Chlordane-5

R.T.: 6.348 min
Delta R.T.: -0.010 min
Response: 1400899
Conc: 14.92 ng/ml



#27 Chlordane-5

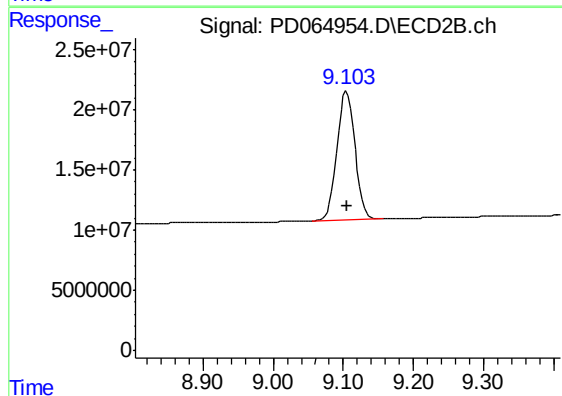
R.T.: 0.000 min
Exp R.T. : 7.022 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 39571715
Conc: 16.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.000 min
Response: 191279410
Conc: 17.21 ng/ml