

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
 Data File : PD054007.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 23:16
 Operator : SM\AJ
 Sample : K3591-07
 Misc : LOD 2.5 PPB
 ALS Vial : 47 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 05:12:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.313	3.983	11962749	18795651	20.785	21.576
28)	SA Decachlor...	8.008	9.024	14497835	20817868	21.537	22.456
Target Compounds							
2)	A alpha-BHC	3.742	4.369	2130079	2782356	2.459	2.206
3)	MA gamma-BHC...	4.019	4.652	2097536	3036615	2.557	2.476
4)	MA Heptachlor	4.307	5.160	1689031	3553754	2.318	2.837
5)	MB Aldrin	4.548	5.465	1913643	2996507	2.408	2.437
6)	B beta-BHC	0.000	4.820	0	1410290	N.D.	2.519 #
7)	B delta-BHC	4.466	5.036	1723468	3037763	2.056	2.347
8)	B Heptachlor...	4.987	5.848	1893246	3264261	2.496	2.699
9)	A Endosulfan I	5.319	6.203	1806616	3089327	2.432	2.660
10)	B gamma-Chl...	5.210	6.081	2023834	3531289	2.488	2.681
11)	B alpha-Chl...	5.267	6.153	2061676	3473213	2.545	2.675
12)	B 4,4'-DDE	5.436	6.309	1788292	3075368	2.257	2.503
13)	MA Dieldrin	5.560	6.459	1843294	3338399	2.270	2.657
14)	MA Endrin	5.814	6.676	1795234	2718479	2.397	2.594
15)	B Endosulfa...	6.087	6.883	1749349	3078666	2.338	2.662
16)	A 4,4'-DDD	5.948	6.795	1351433	2544561	2.258	2.519
17)	MA 4,4'-DDT	6.186	7.095	981266	2167854	1.704	2.201 #
18)	B Endrin al...	6.256	7.006	1736506	2721665	2.734	2.737
19)	B Endosulfa...	6.467	7.228	1840151	3106178	2.618	2.858
21)	B Endrin ke...	6.954	7.697	1672499	3294021	2.087	2.709 #
22)	Mirex	7.130	8.152	1655234	2728771	2.544	2.961
24)	Chlordane-2	0.000	5.465f	0	2996507	N.D.	70.700 #
25)	Chlordane-3	5.210	6.081	2023834	3531289	25.447	20.165
26)	Chlordane-4	5.267	6.153	2061676	3473213	29.956	16.408 #
27)	Chlordane-5	6.087	0.000	1749349	0	65.494	N.D. #

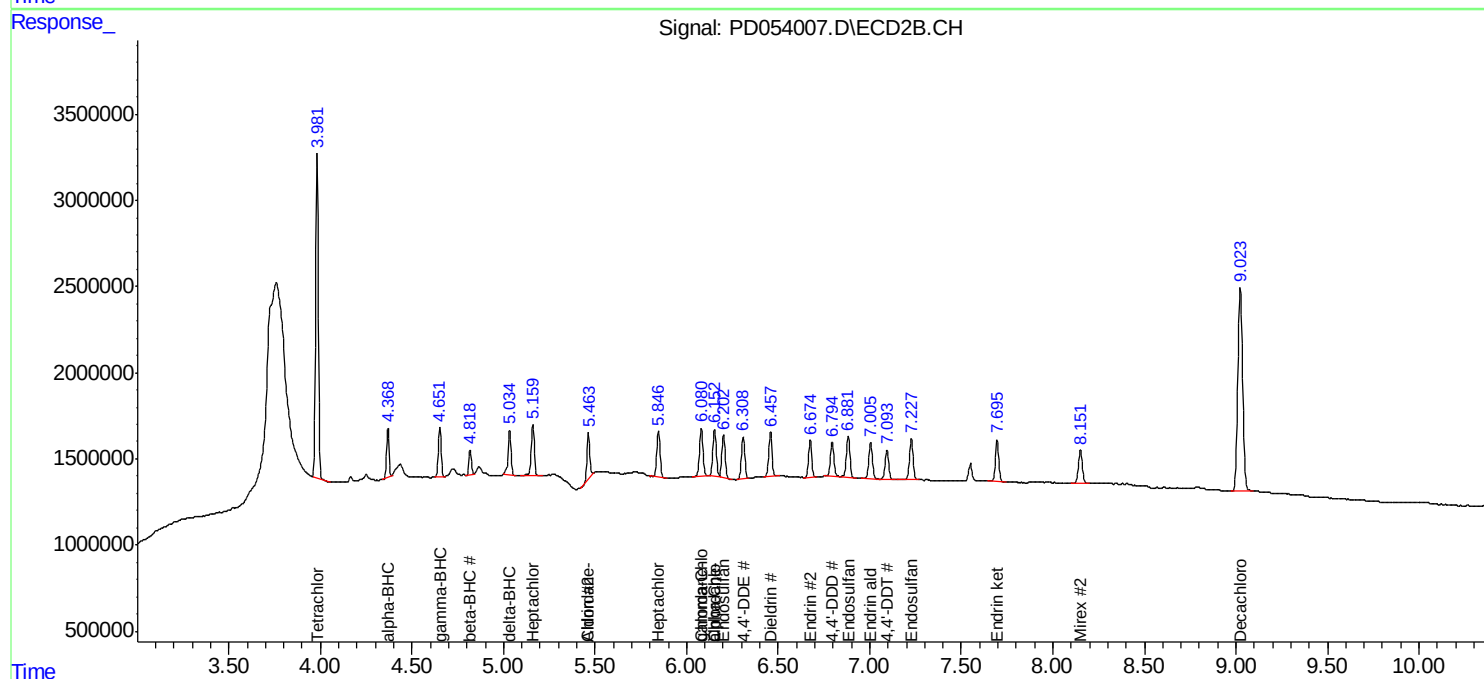
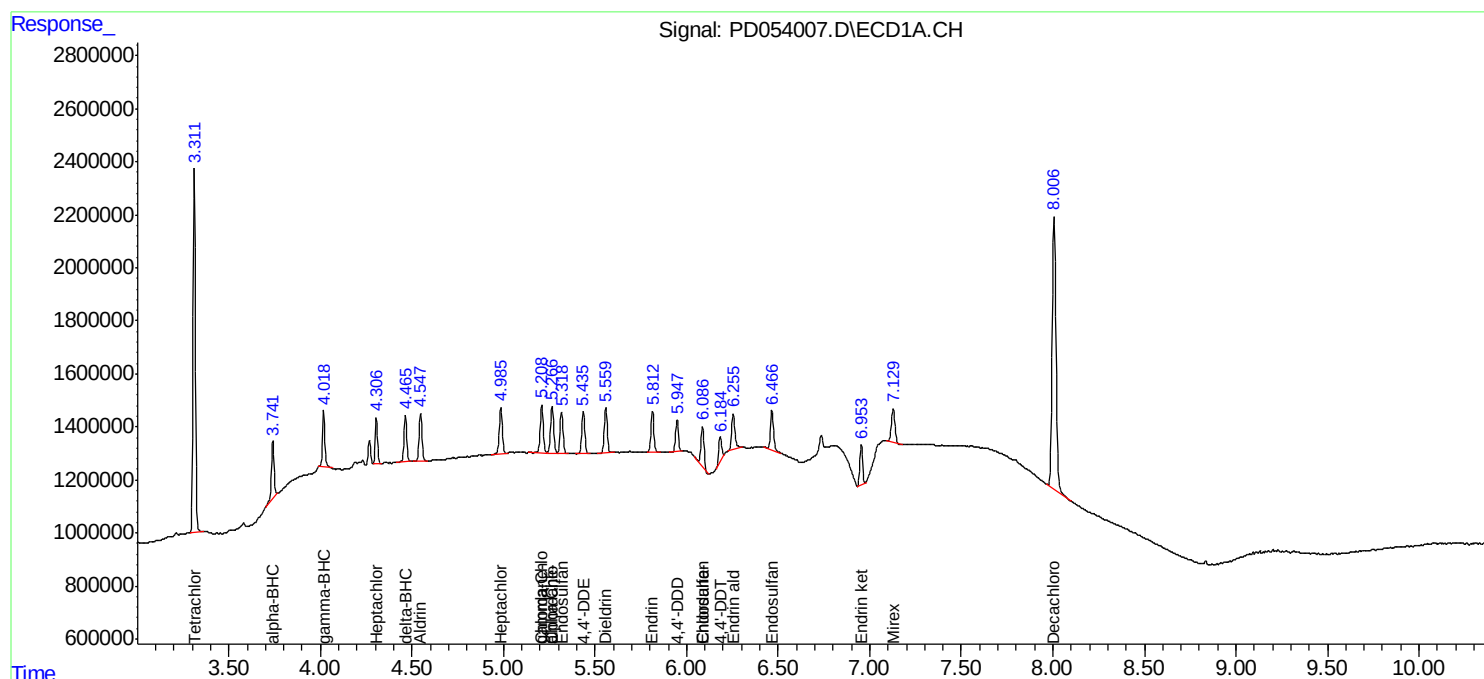
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

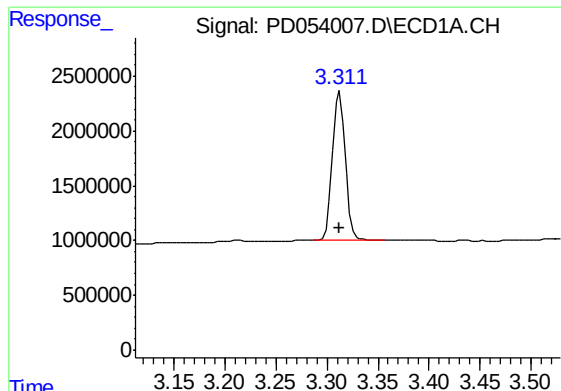
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
Data File : PD054007.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 23:16
Operator : SM\AJ
Sample : K3591-07
Misc : LOD 2.5 PPB
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
LOD-MDL-WATER-01-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 05:12:18 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

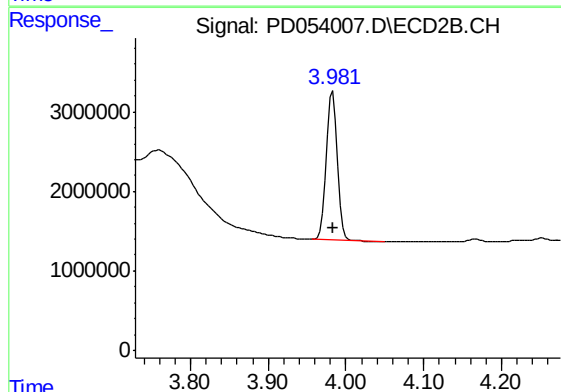




#1 Tetrachloro-m-xylene

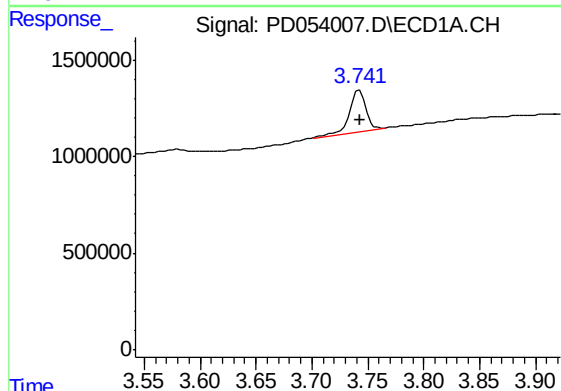
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 11962749
Conc: 20.79 ng/ml

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



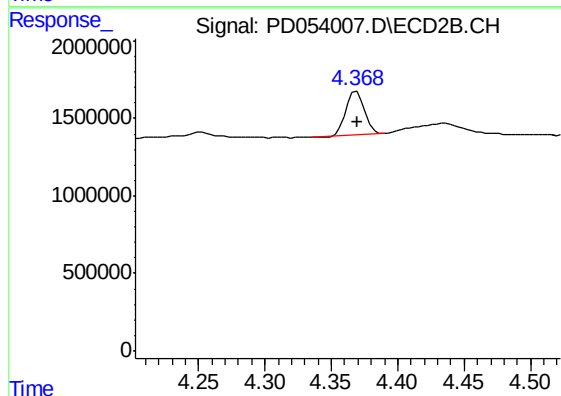
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 18795651
Conc: 21.58 ng/ml



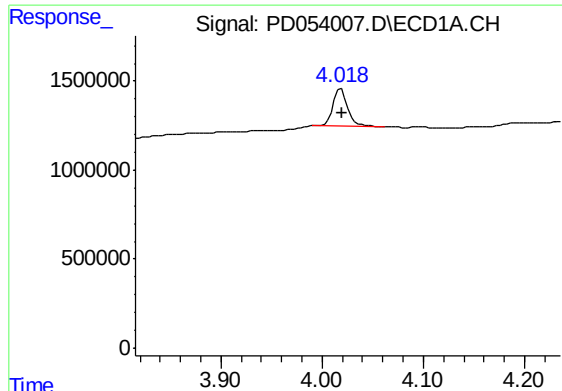
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 2130079
Conc: 2.46 ng/ml



#2 alpha-BHC

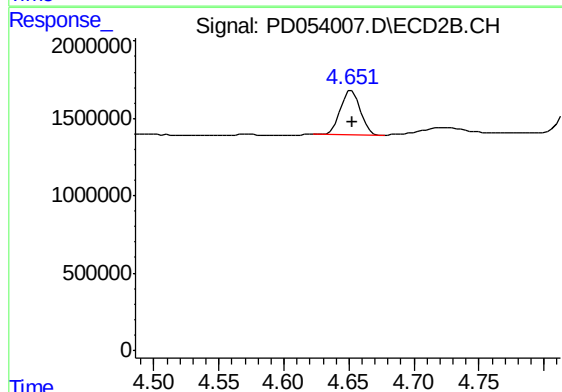
R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 2782356
Conc: 2.21 ng/ml



#3 gamma-BHC (Lindane)

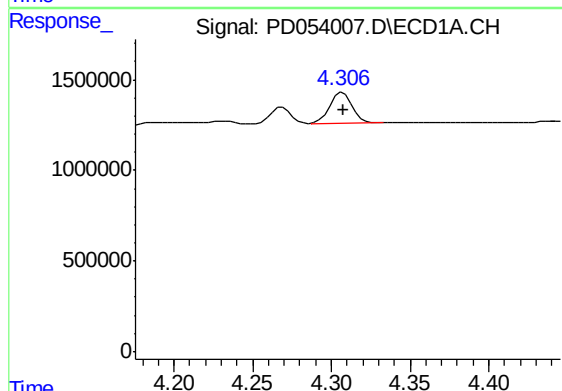
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 2097536
Conc: 2.56 ng/ml

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



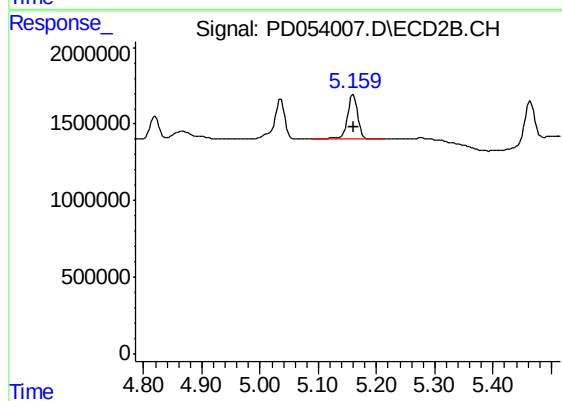
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 3036615
Conc: 2.48 ng/ml



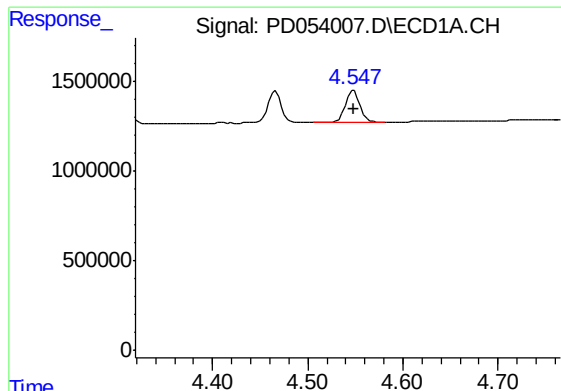
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 1689031
Conc: 2.32 ng/ml



#4 Heptachlor

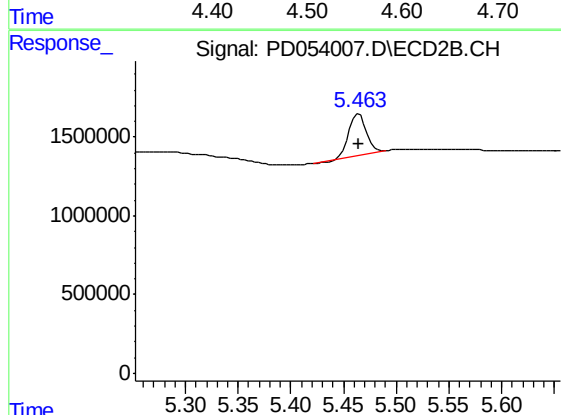
R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 3553754
Conc: 2.84 ng/ml



#5 Aldrin

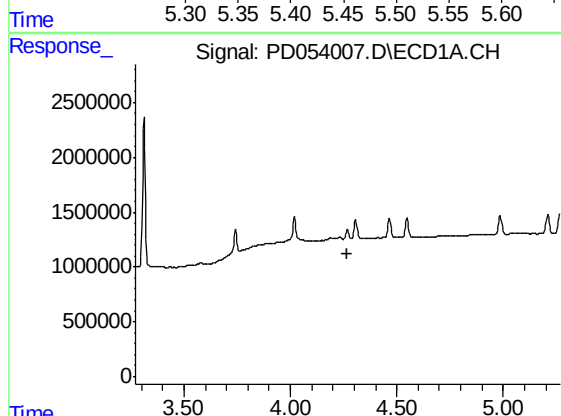
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 1913643
Conc: 2.41 ng/ml

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



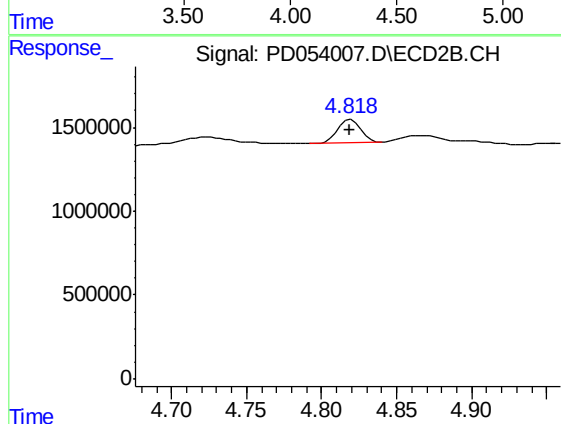
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 2996507
Conc: 2.44 ng/ml



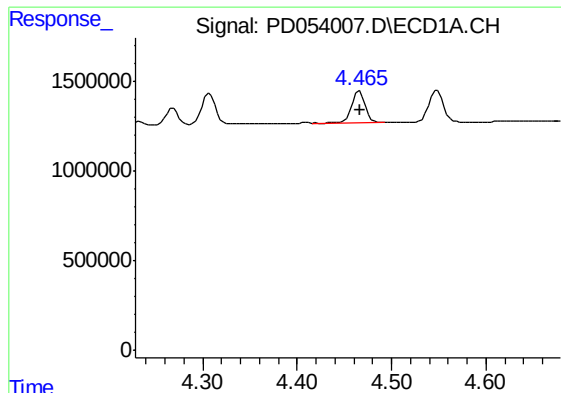
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.269 min
Response: 0
Conc: N.D.



#6 beta-BHC

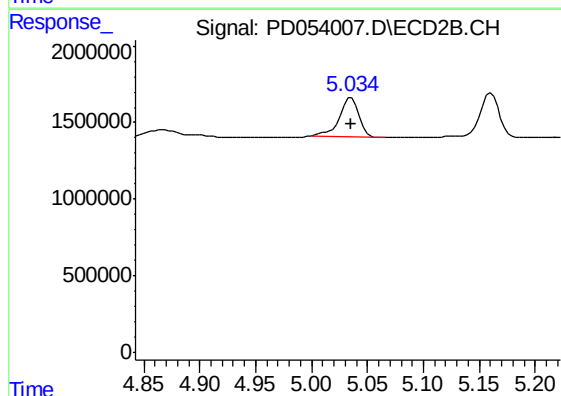
R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 1410290
Conc: 2.52 ng/ml



#7 delta-BHC

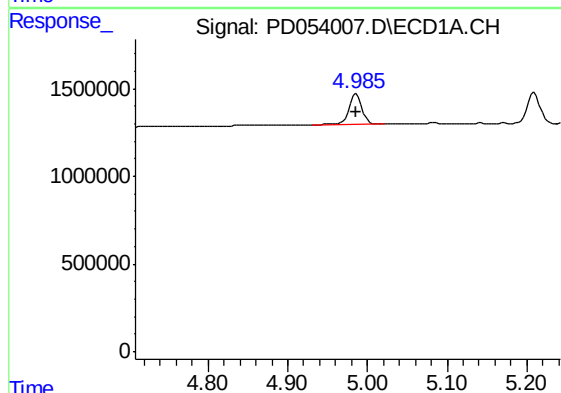
R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 1723468
Conc: 2.06 ng/ml

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



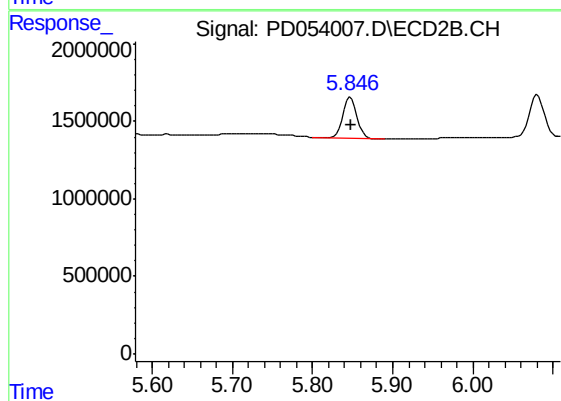
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 3037763
Conc: 2.35 ng/ml



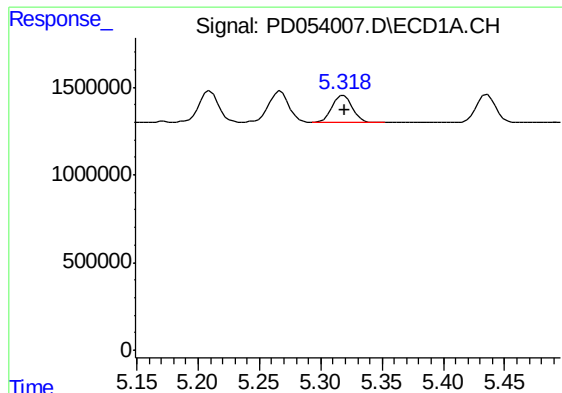
#8 Heptachlor epoxide

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 1893246
Conc: 2.50 ng/ml



#8 Heptachlor epoxide

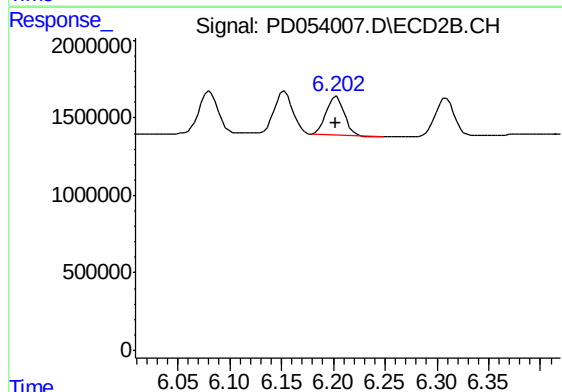
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 3264261
Conc: 2.70 ng/ml



#9 Endosulfan I

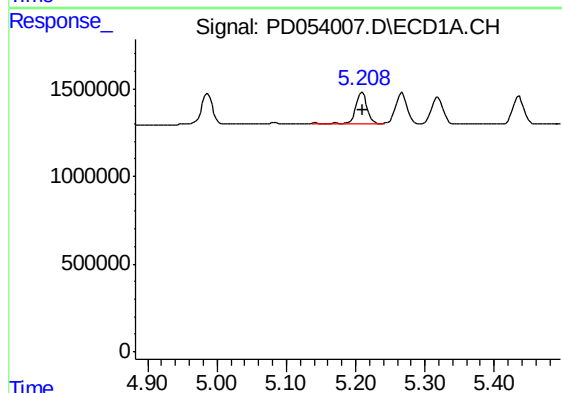
R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 1806616
Conc: 2.43 ng/ml

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



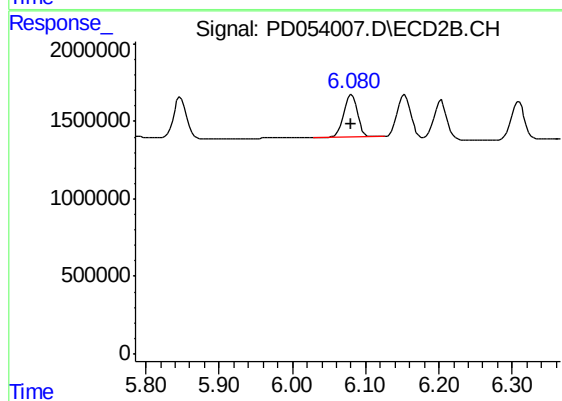
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 3089327
Conc: 2.66 ng/ml



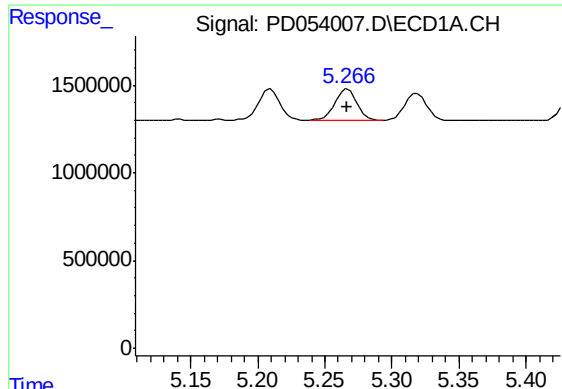
#10 gamma-Chlordane

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 2023834
Conc: 2.49 ng/ml



#10 gamma-Chlordane

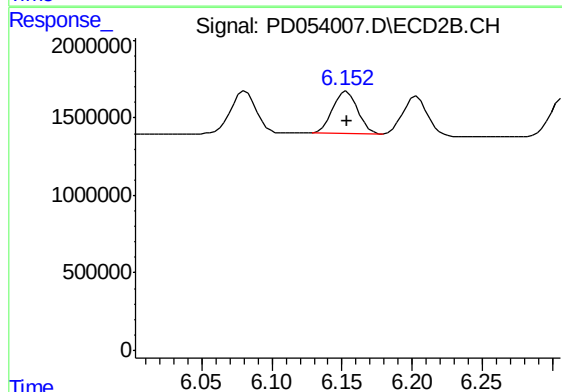
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 3531289
Conc: 2.68 ng/ml



#11 alpha-Chlordane

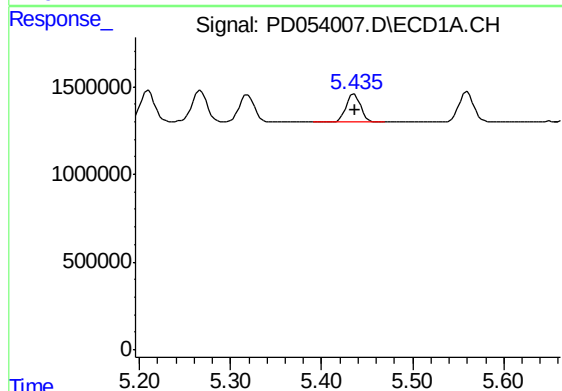
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 2061676
Conc: 2.54 ng/ml

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



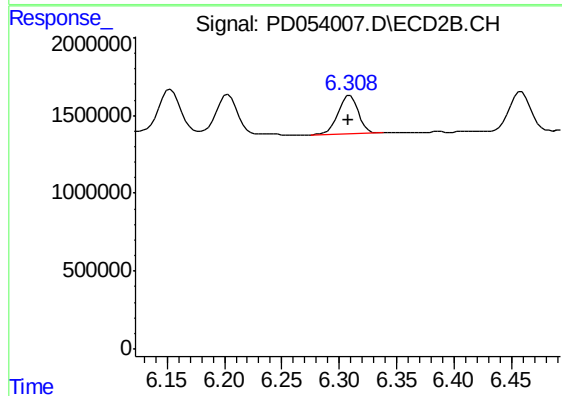
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 3473213
Conc: 2.67 ng/ml



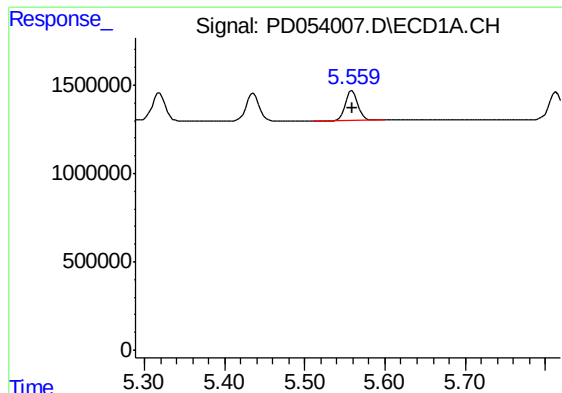
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 1788292
Conc: 2.26 ng/ml



#12 4,4'-DDE

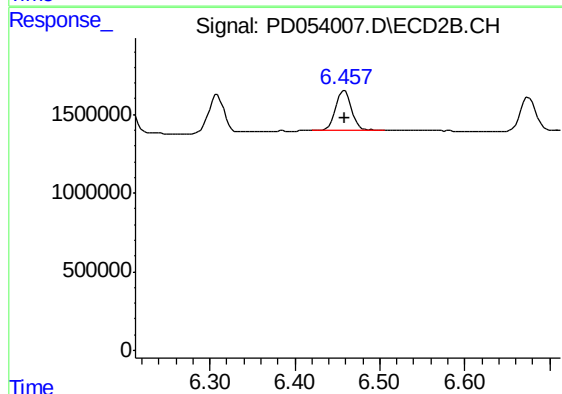
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3075368
Conc: 2.50 ng/ml



#13 Dielddrin

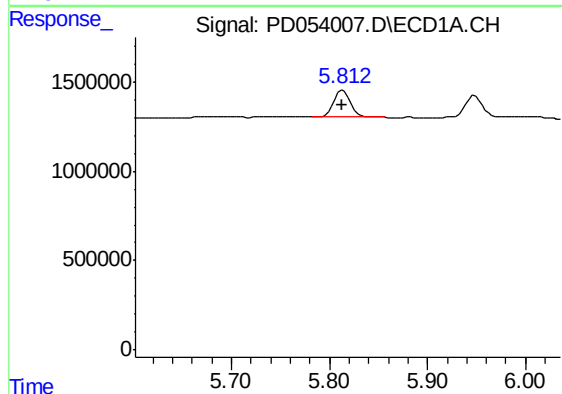
R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 1843294
Conc: 2.27 ng/ml

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



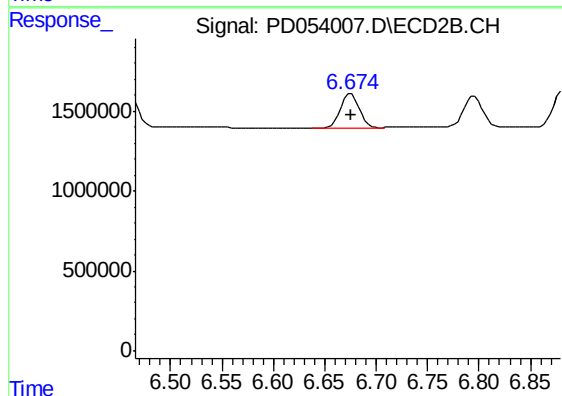
#13 Dielddrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 3338399
Conc: 2.66 ng/ml



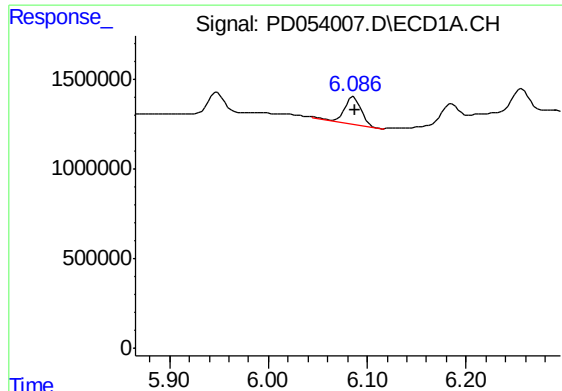
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 1795234
Conc: 2.40 ng/ml



#14 Endrin

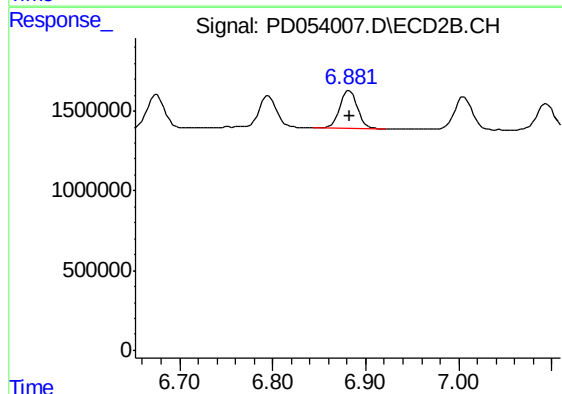
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 2718479
Conc: 2.59 ng/ml



#15 Endosulfan II

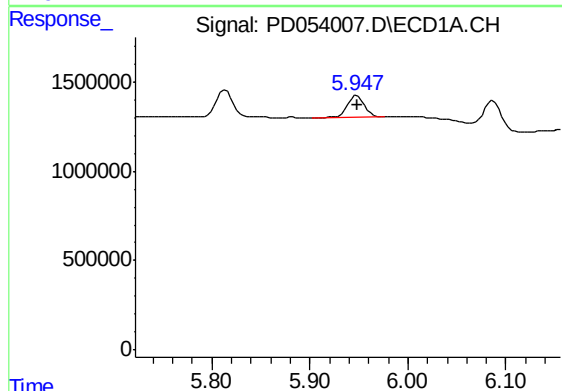
R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 1749349
Conc: 2.34 ng/ml

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



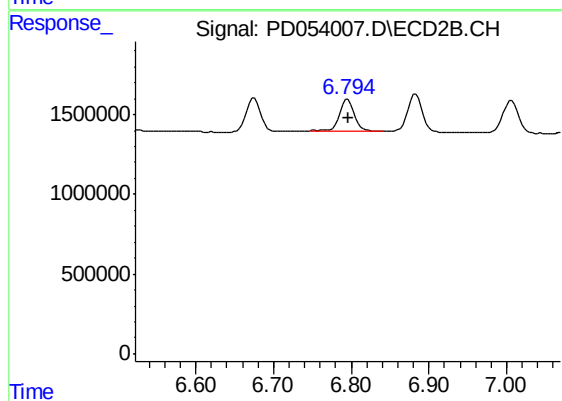
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 3078666
Conc: 2.66 ng/ml



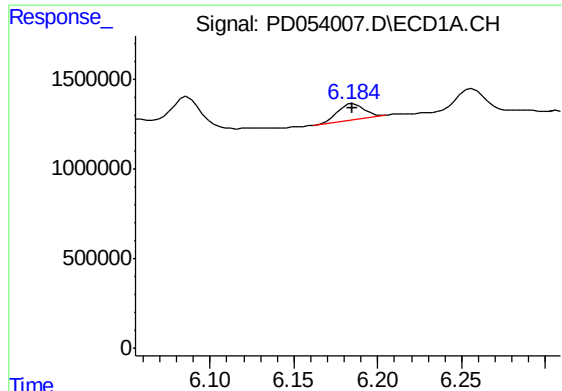
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 1351433
Conc: 2.26 ng/ml



#16 4,4'-DDD

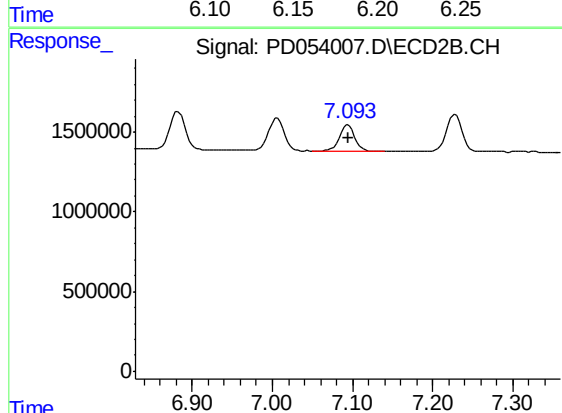
R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 2544561
Conc: 2.52 ng/ml



#17 4,4'-DDT

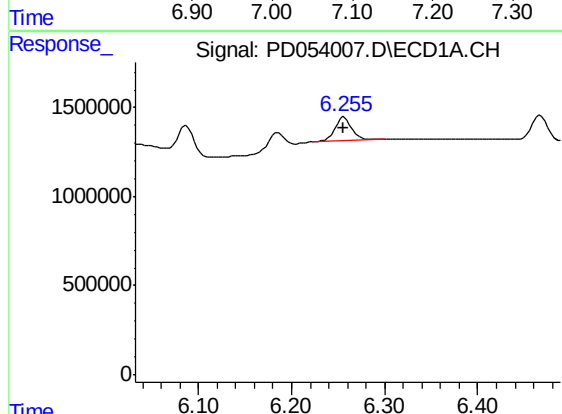
R.T.: 6.186 min
Delta R.T.: 0.001 min
Response: 981266
Conc: 1.70 ng/ml

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



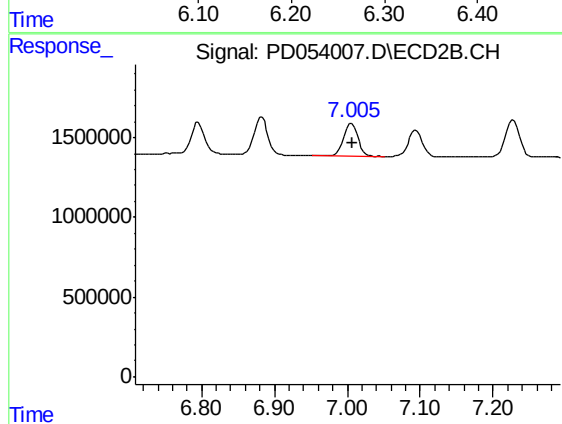
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 2167854
Conc: 2.20 ng/ml



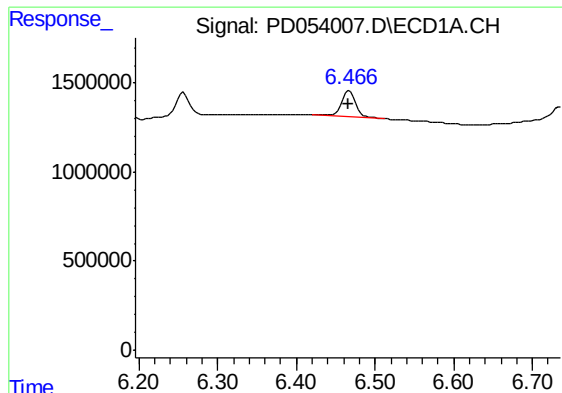
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1736506
Conc: 2.73 ng/ml



#18 Endrin aldehyde

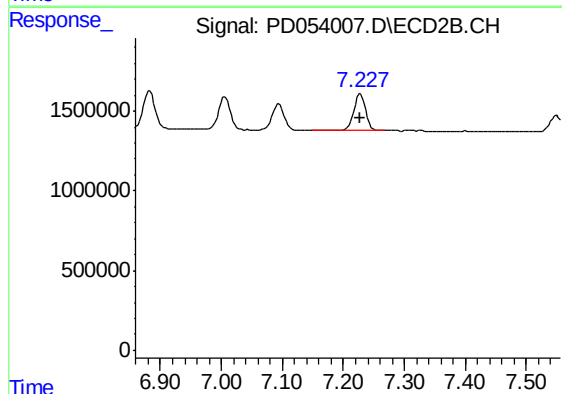
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2721665
Conc: 2.74 ng/ml



#19 Endosulfan Sulfate

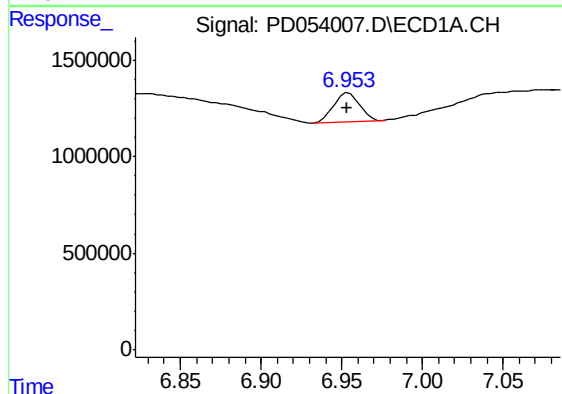
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 1840151
Conc: 2.62 ng/ml

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



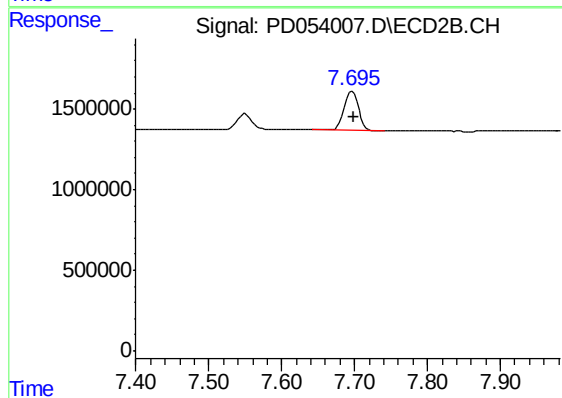
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 3106178
Conc: 2.86 ng/ml



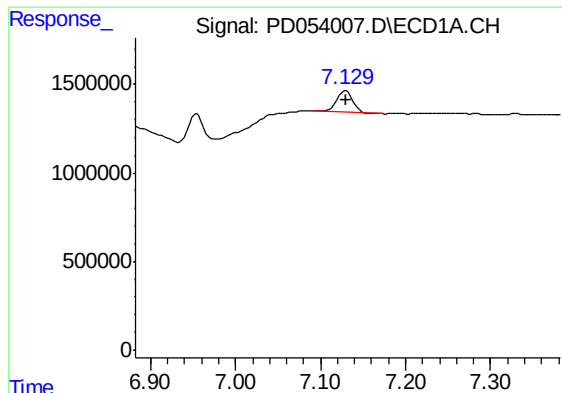
#21 Endrin ketone

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 1672499
Conc: 2.09 ng/ml



#21 Endrin ketone

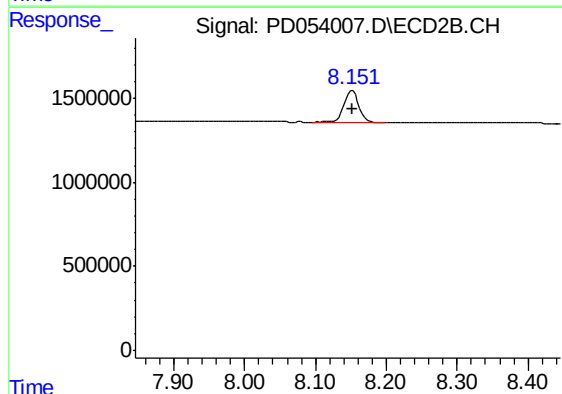
R.T.: 7.697 min
Delta R.T.: -0.001 min
Response: 3294021
Conc: 2.71 ng/ml



#22 Mirex

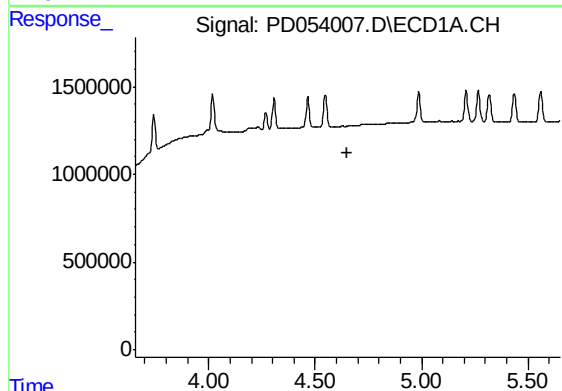
R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 1655234
Conc: 2.54 ng/ml

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



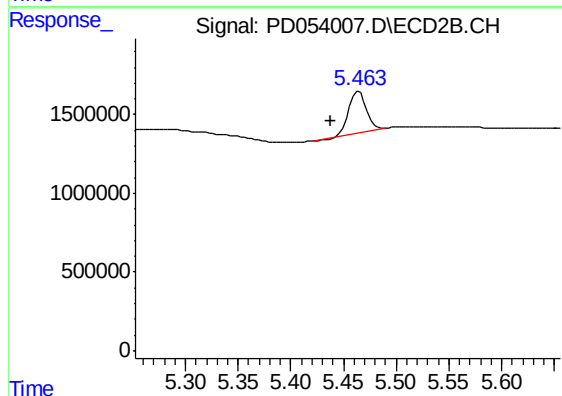
#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 2728771
Conc: 2.96 ng/ml



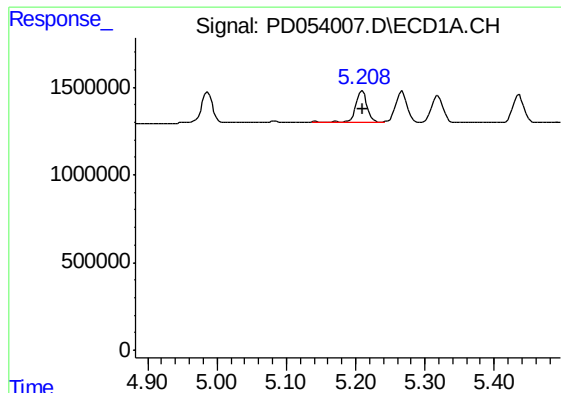
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.652 min
Response: 0
Conc: N.D.



#24 Chlordane-2

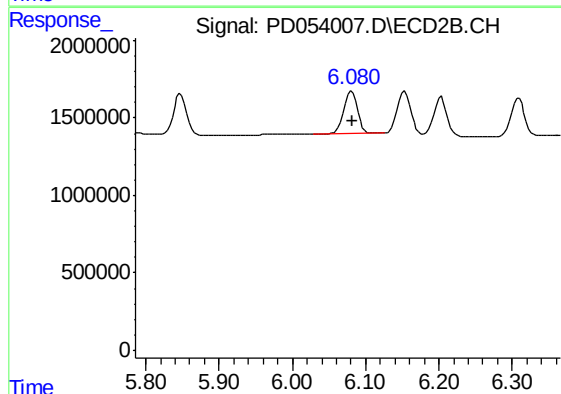
R.T.: 5.465 min
Delta R.T.: 0.026 min
Response: 2996507
Conc: 70.70 ng/ml



#25 Chlordane-3

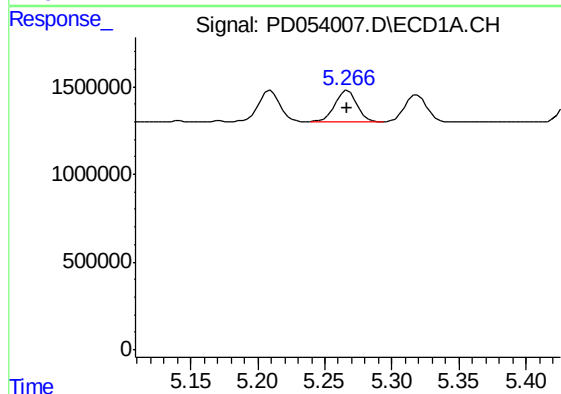
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 2023834
Conc: 25.45 ng/ml

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



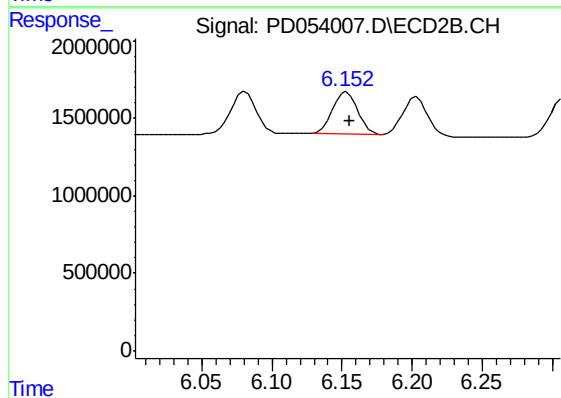
#25 Chlordane-3

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 3531289
Conc: 20.17 ng/ml



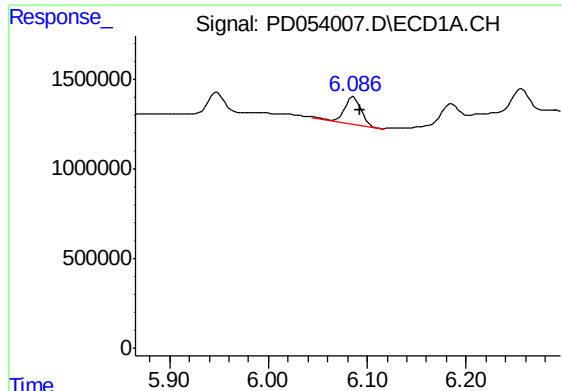
#26 Chlordane-4

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 2061676
Conc: 29.96 ng/ml



#26 Chlordane-4

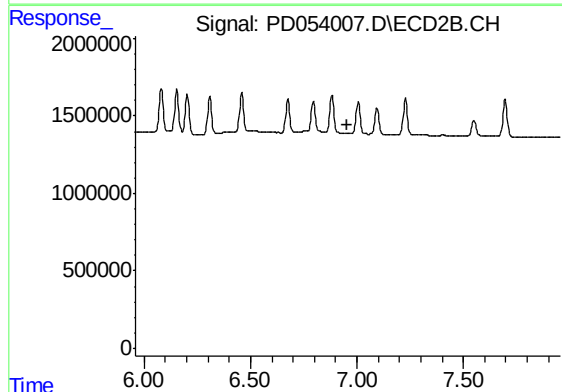
R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 3473213
Conc: 16.41 ng/ml



#27 Chlordane-5

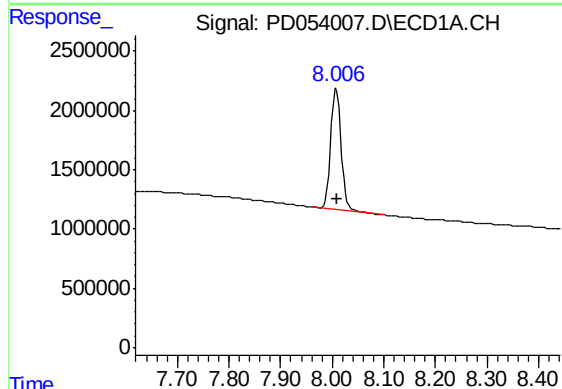
R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 1749349
Conc: 65.49 ng/ml

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



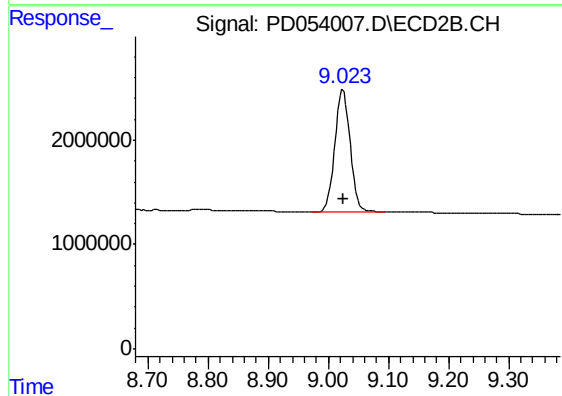
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 14497835
Conc: 21.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 20817868
Conc: 22.46 ng/ml