

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
 Data File : PD074216.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 22:33
 Operator : AR\AJ
 Sample : 01627-07
 Misc : PEST LOD 1PPB WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 05:09:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 05:04:28 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.551	2.772	45416710	22961343	19.470	18.867
28) SA Decachlor...	9.100	7.927	56469097	25910529	21.113	21.118
Target Compounds						
2) A alpha-BHC	4.007	3.275	3613402	1600427	0.931	0.861
3) MA gamma-BHC...	4.341	3.606	3268836	1583264	0.932	0.924
4) MA Heptachlor	4.934	3.947	3812022	1567819	1.113	0.919
5) MB Aldrin	5.277	4.227	4017799	1728611	1.193	1.025m
6) B beta-BHC	4.536	3.902	2007863	895415	1.359	1.186
7) B delta-BHC	4.781	4.132	3746108	1805404	1.365m	1.061
8) B Heptachlo...	5.701	4.731	4132236	1601708	1.469m	1.043 #
9) A Endosulfan I	6.091	5.102	3431546	1398802	1.207	0.972
10) B gamma-Chl...	5.961	4.982	3459161	1649173	1.153	1.062
11) B alpha-Chl...	6.041	5.046	3621246	1649597	1.201	1.071
12) B 4,4'-DDE	6.212	5.236	3114706	1348436	1.130	0.956
13) MA Dieldrin	6.367	5.367	3413989	1537131	1.157	1.022
14) MA Endrin	6.597	5.643	2628299	1494694	1.058	1.144
15) B Endosulfa...	6.816	5.937	4031150	1667498	1.565	1.325
16) A 4,4'-DDD	6.730	5.791	2403046	1130517	1.071	0.968
17) MA 4,4'-DDT	7.046	6.043	3093941	1209861	1.214	0.985
18) B Endrin al...	6.947	6.117	2730249	1282496	1.366	1.263
19) B Endosulfa...	7.182	6.340	3107126	1421529	1.258	1.164
20) A Methoxychlor	7.522	6.620	1750097	791714	1.251	1.170
21) B Endrin ke...	7.669	6.847	3314540	1731918	1.191	1.174
22) Mirex	8.146	7.031	3297816	1455217	1.553	1.281

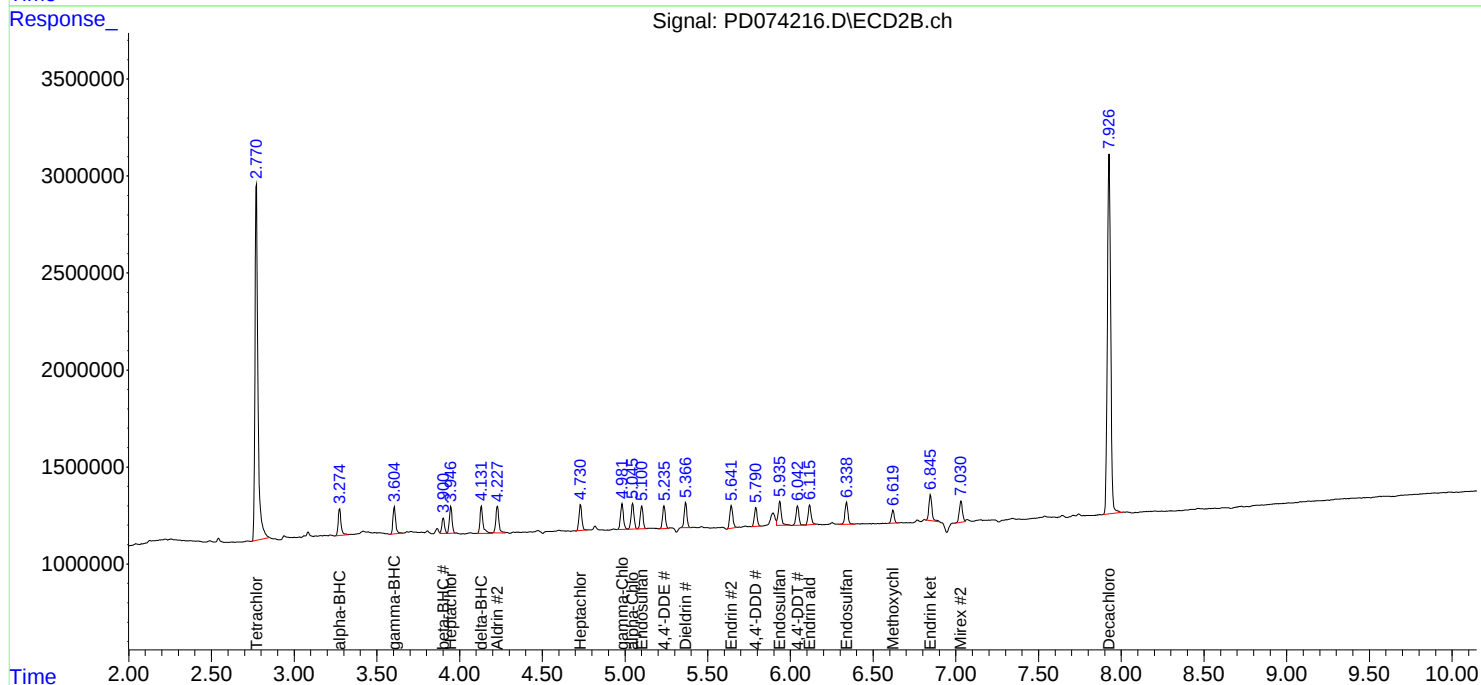
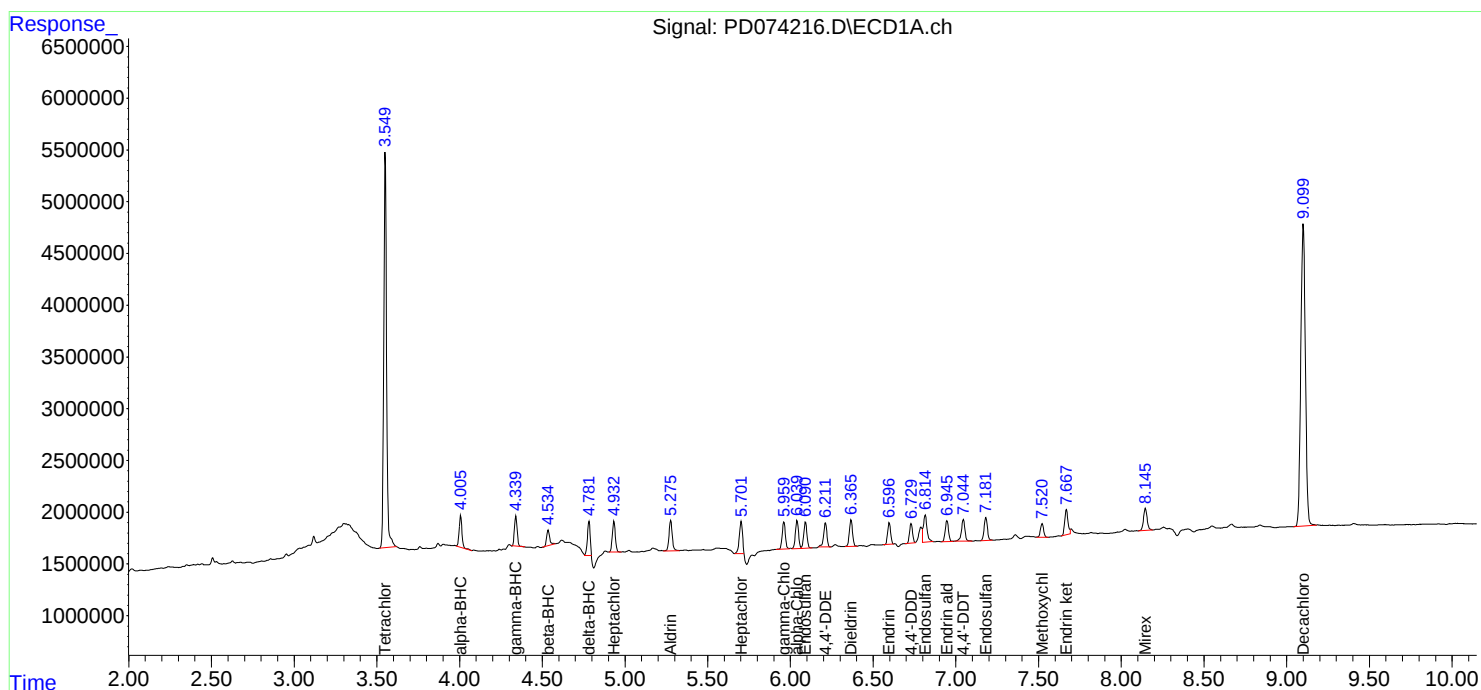
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

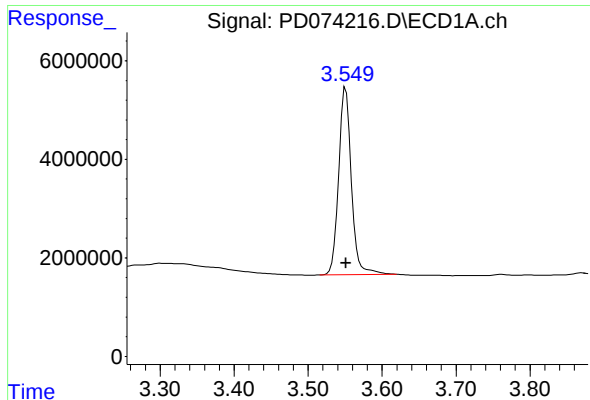
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
Data File : PD074216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2023 22:33
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LOD-MDL-WATER-01-QT1-2023

Integration File signal 1: autoint1.e
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Quant Time: Mar 15 05:09:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 05:04:28 2023
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

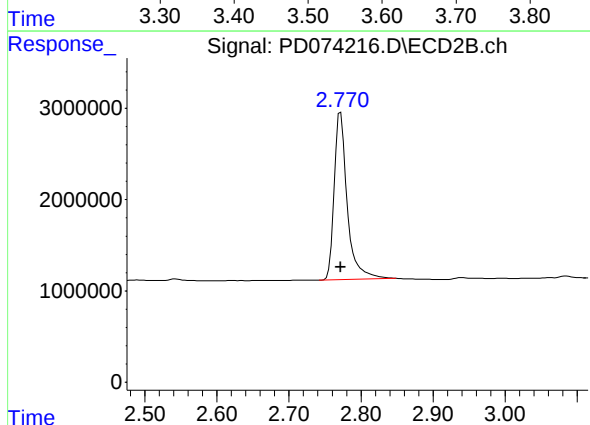
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45416710
Conc: 19.47 ng/ml

Instrument :

ECD_D

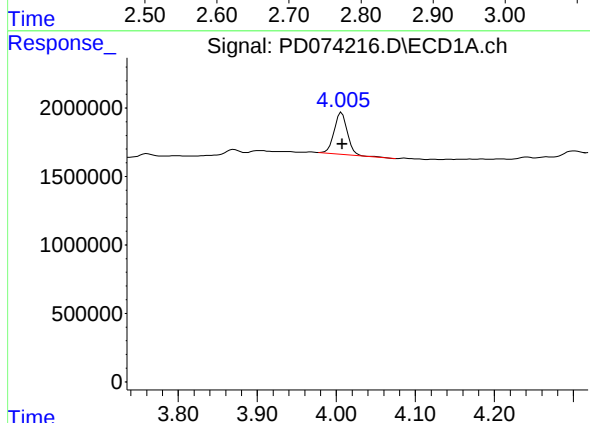
ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



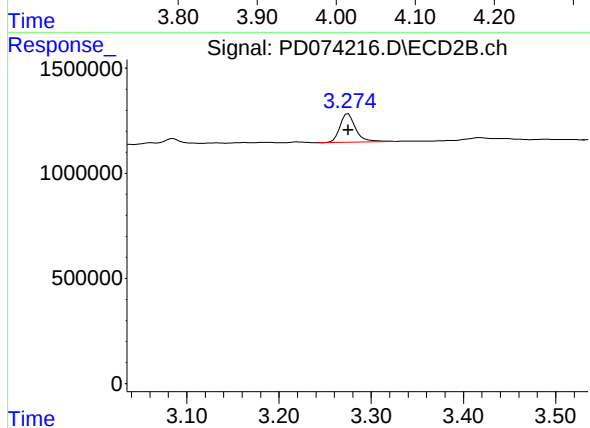
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 22961343
Conc: 18.87 ng/ml



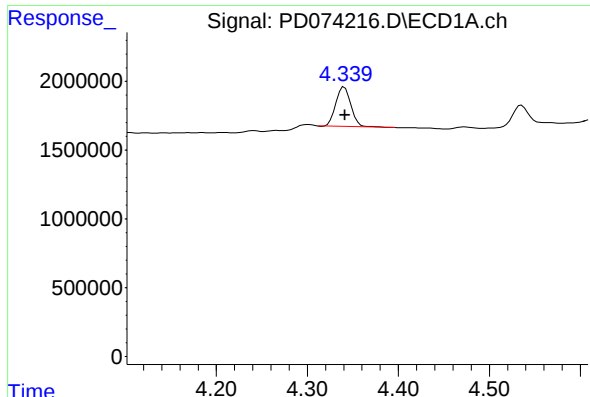
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 3613402
Conc: 0.93 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 1600427
Conc: 0.86 ng/ml



#3 gamma-BHC (Lindane)

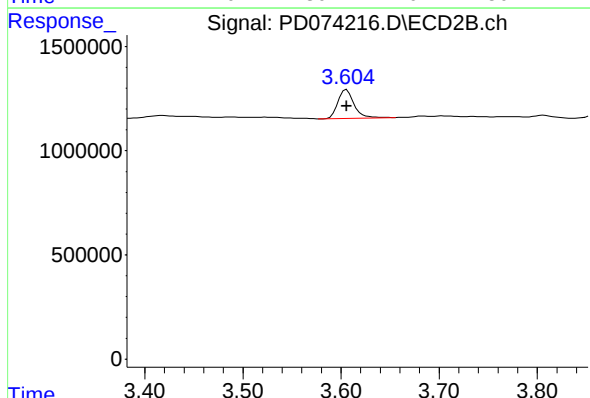
R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 3268836
Conc: 0.93 ng/ml

Instrument :

ECD_D

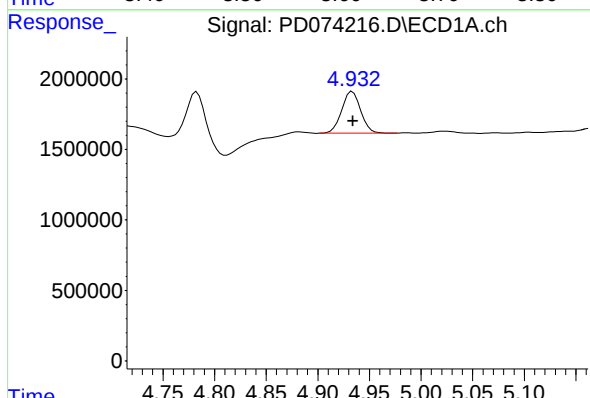
ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



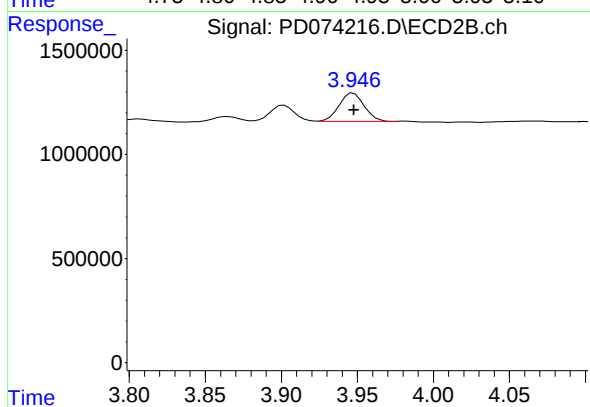
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 1583264
Conc: 0.92 ng/ml



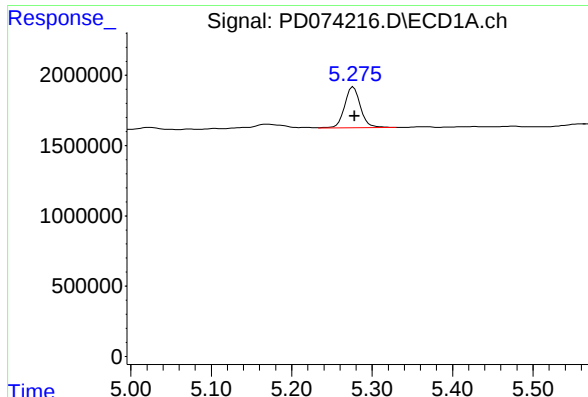
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 3812022
Conc: 1.11 ng/ml



#4 Heptachlor

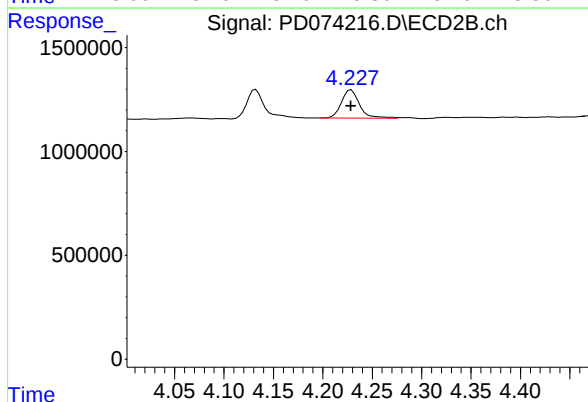
R.T.: 3.947 min
Delta R.T.: 0.000 min
Response: 1567819
Conc: 0.92 ng/ml



#5 Aldrin

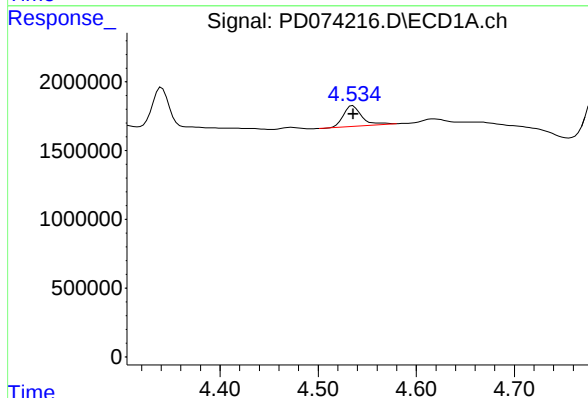
R.T.: 5.277 min
Delta R.T.: -0.001 min
Response: 4017799
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



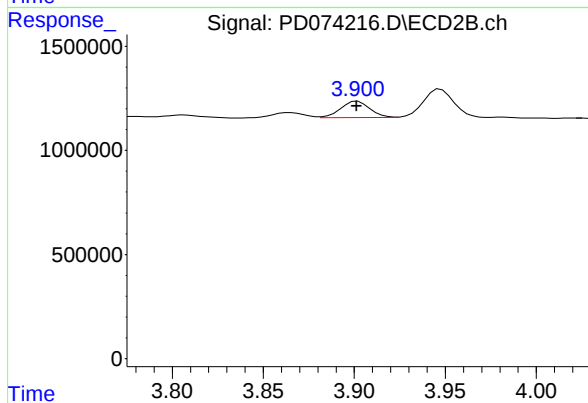
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.001 min
Response: 1728611
Conc: 1.02 ng/ml m



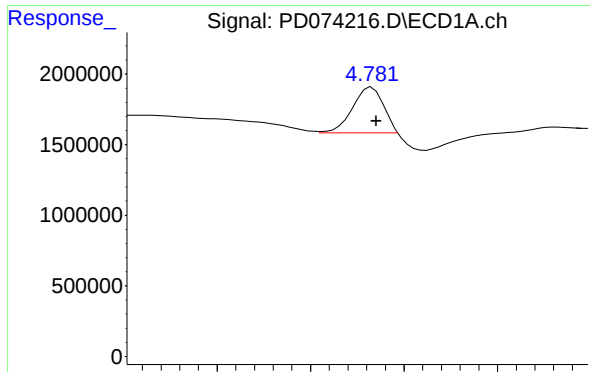
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 2007863
Conc: 1.36 ng/ml



#6 beta-BHC

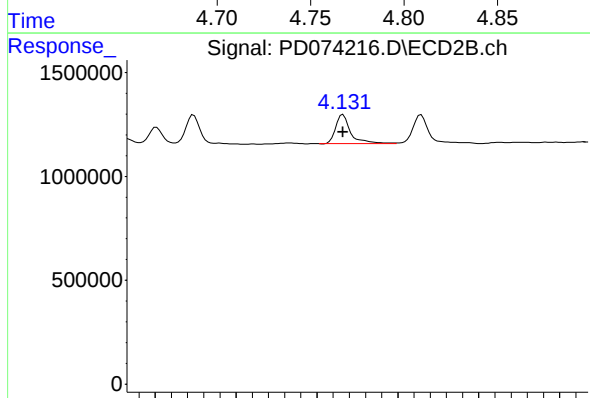
R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 895415
Conc: 1.19 ng/ml



#7 delta-BHC

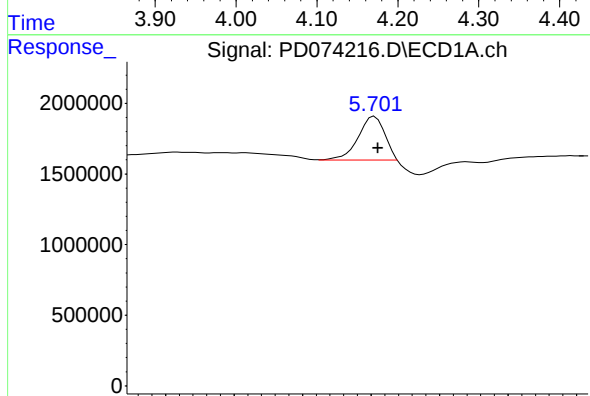
R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 3746108
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



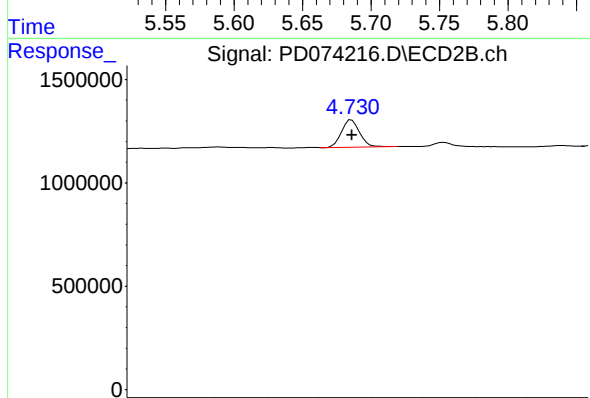
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 1805404
Conc: 1.06 ng/ml



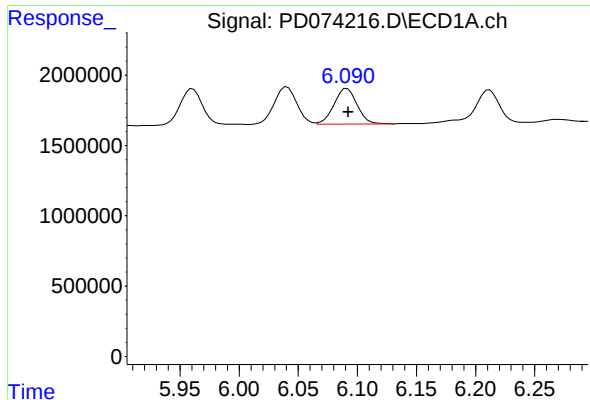
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: -0.004 min
Response: 4132236
Conc: 1.47 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 1601708
Conc: 1.04 ng/ml



#9 Endosulfan I

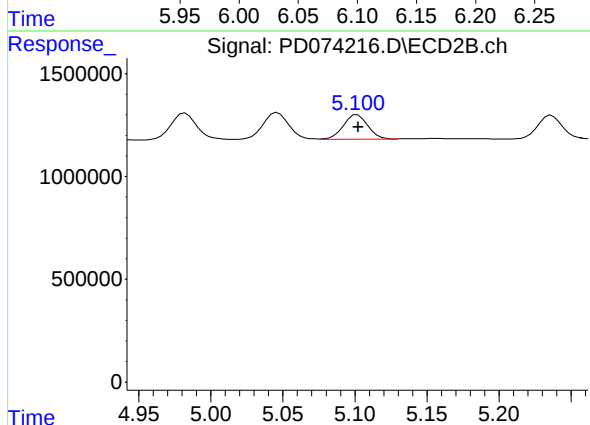
R.T.: 6.091 min
Delta R.T.: -0.001 min
Response: 3431546
Conc: 1.21 ng/ml

Instrument :

ECD_D

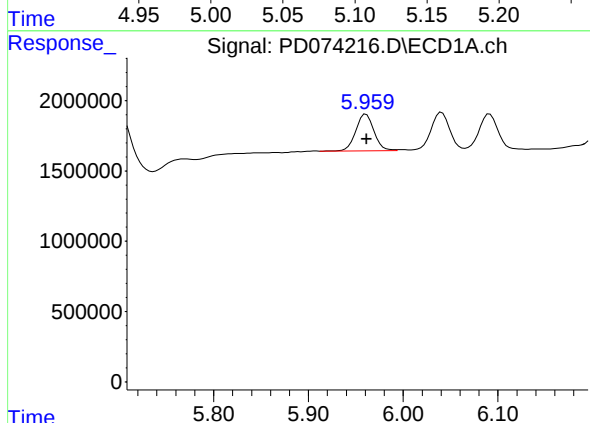
ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



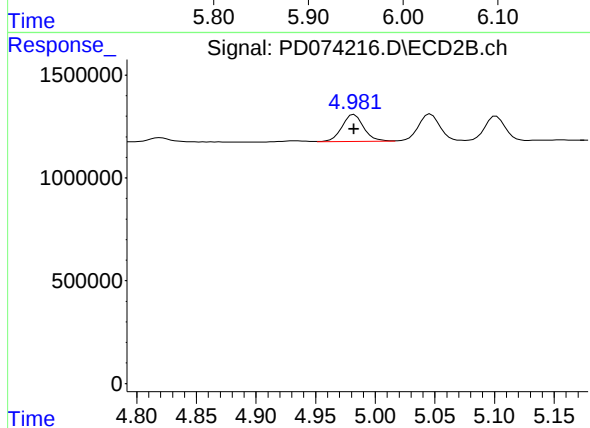
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 1398802
Conc: 0.97 ng/ml



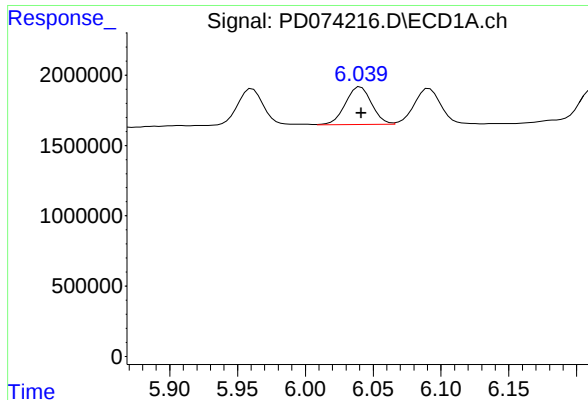
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 3459161
Conc: 1.15 ng/ml



#10 gamma-Chlordane

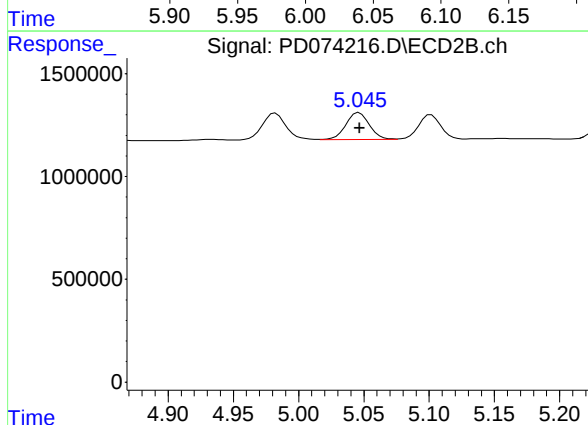
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 1649173
Conc: 1.06 ng/ml



#11 alpha-Chlordane

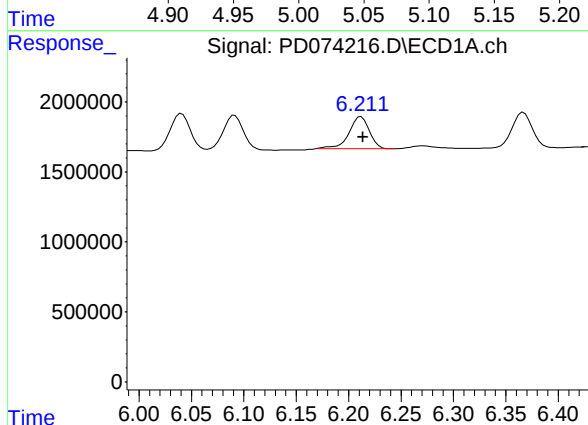
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 3621246
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



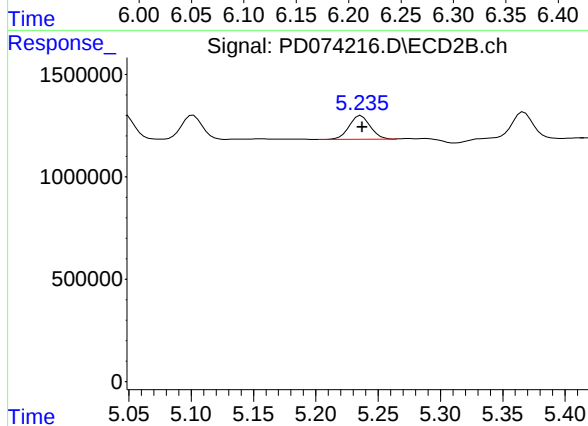
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 1649597
Conc: 1.07 ng/ml



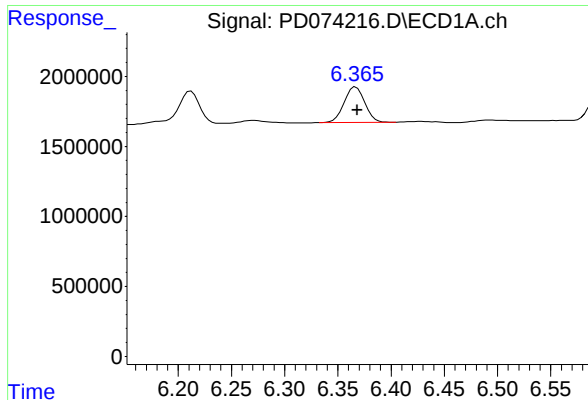
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 3114706
Conc: 1.13 ng/ml



#12 4,4'-DDE

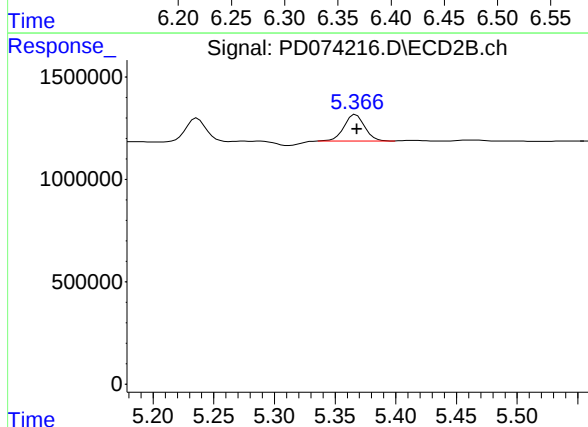
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 1348436
Conc: 0.96 ng/ml



#13 Dieldrin

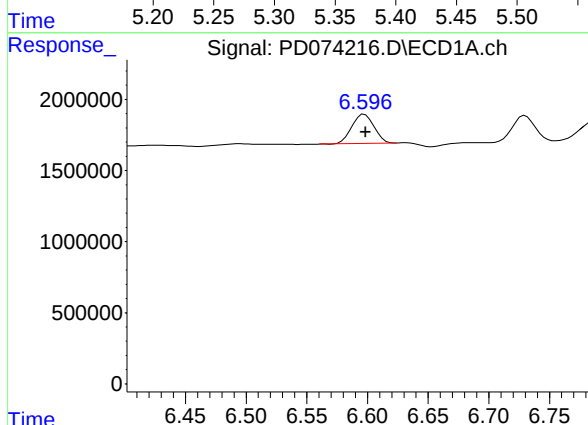
R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 3413989
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



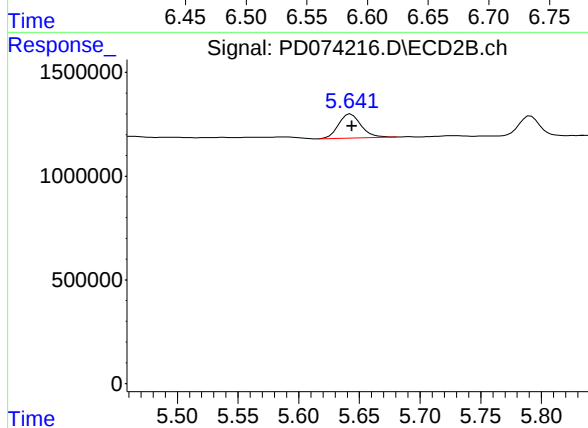
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 1537131
Conc: 1.02 ng/ml



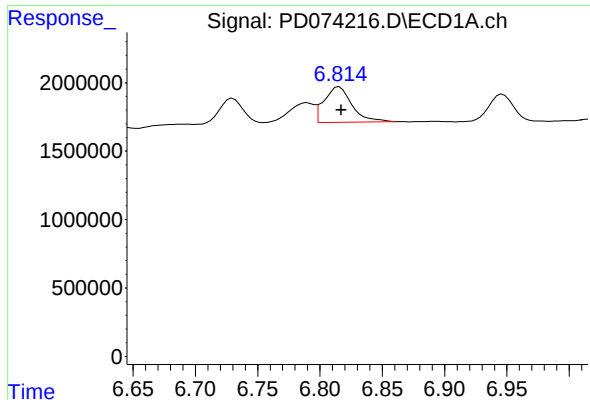
#14 Endrin

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 2628299
Conc: 1.06 ng/ml



#14 Endrin

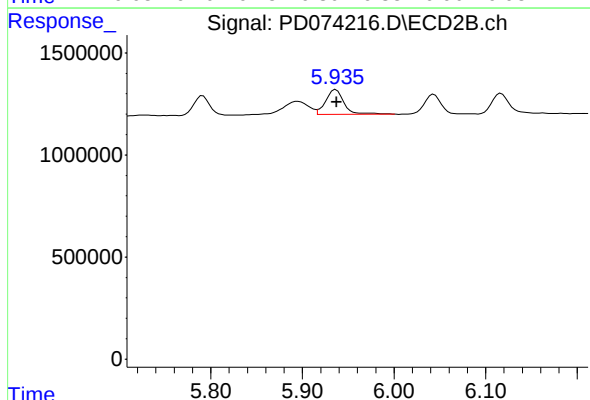
R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 1494694
Conc: 1.14 ng/ml



#15 Endosulfan II

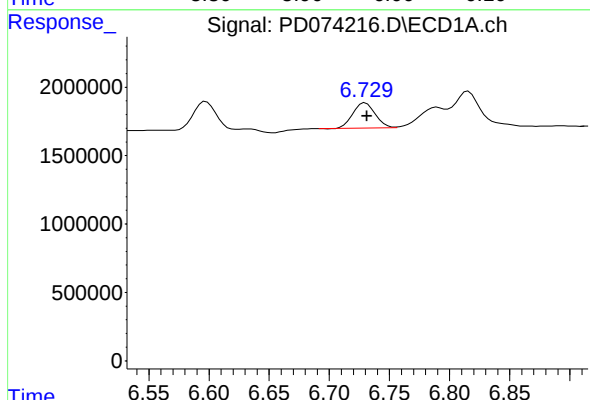
R.T.: 6.816 min
Delta R.T.: -0.001 min
Response: 4031150
Conc: 1.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



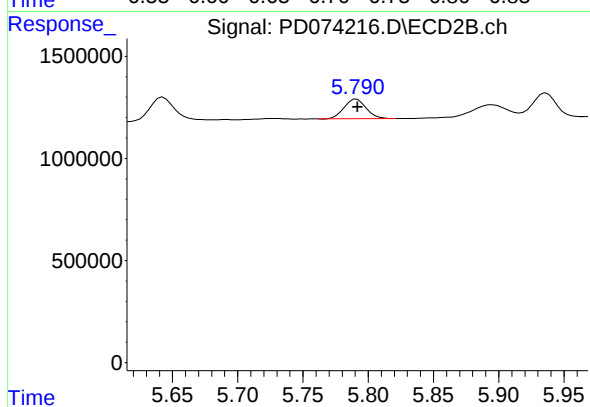
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 1667498
Conc: 1.33 ng/ml



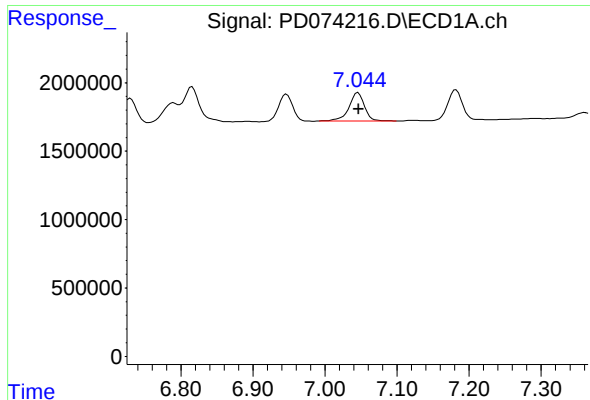
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 2403046
Conc: 1.07 ng/ml



#16 4,4'-DDD

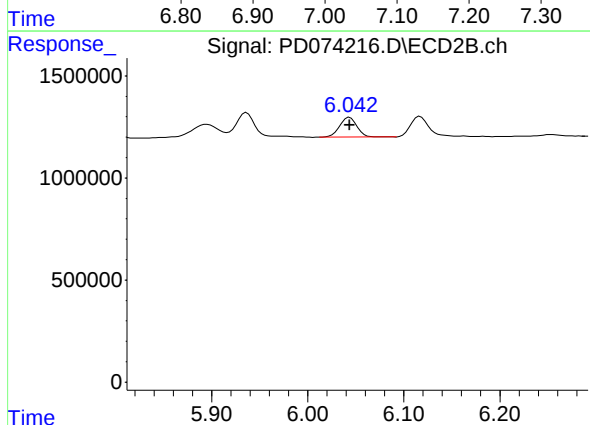
R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 1130517
Conc: 0.97 ng/ml



#17 4,4'-DDT

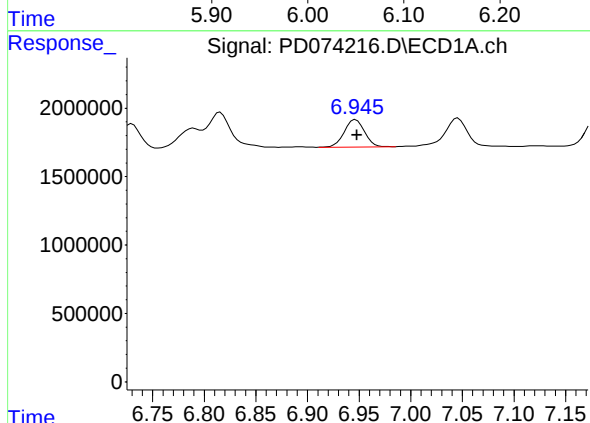
R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 3093941
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



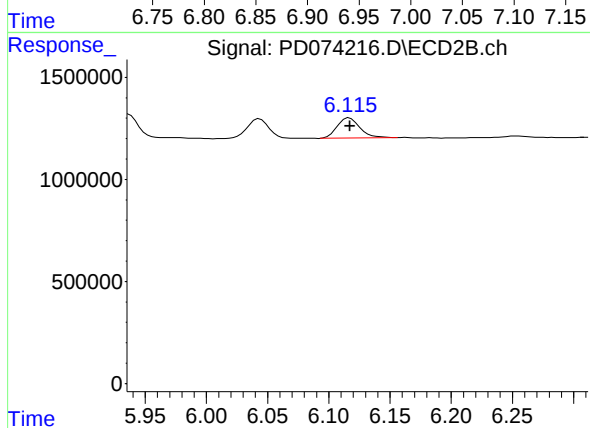
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1209861
Conc: 0.99 ng/ml



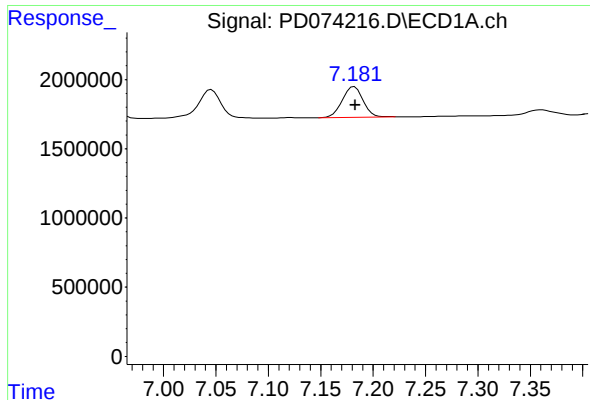
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2730249
Conc: 1.37 ng/ml



#18 Endrin aldehyde

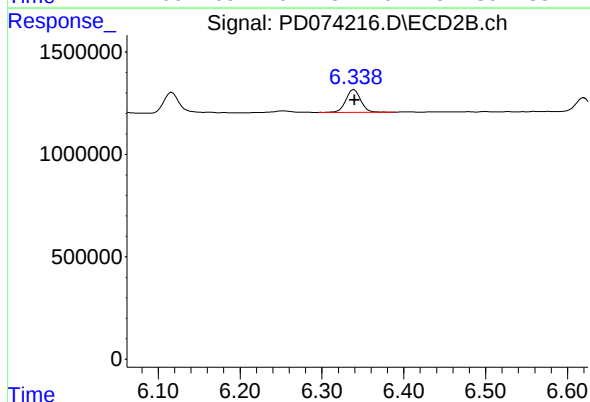
R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 1282496
Conc: 1.26 ng/ml



#19 Endosulfan Sulfate

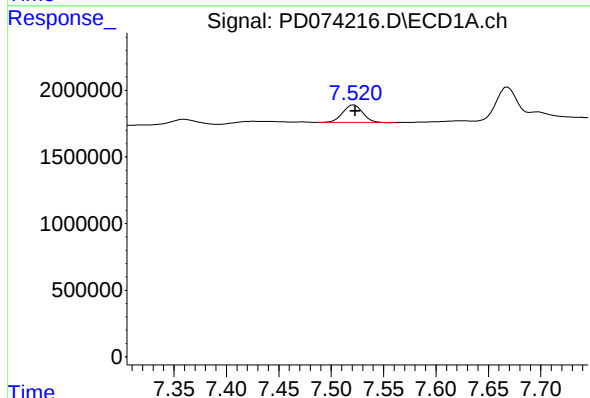
R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 3107126
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



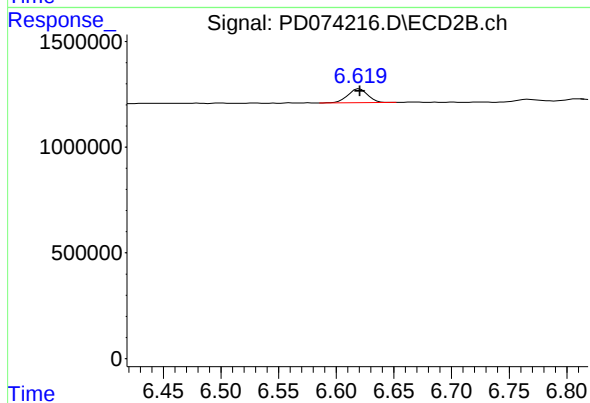
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 1421529
Conc: 1.16 ng/ml



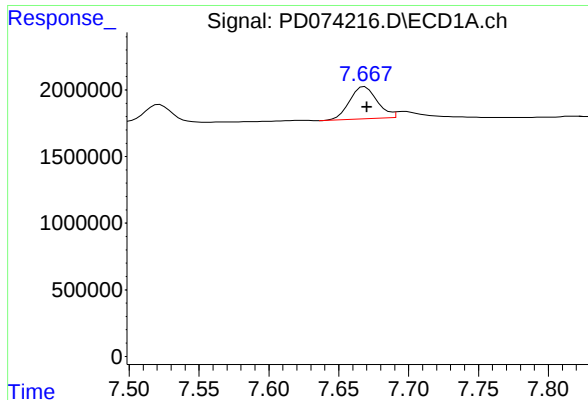
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 1750097
Conc: 1.25 ng/ml



#20 Methoxychlor

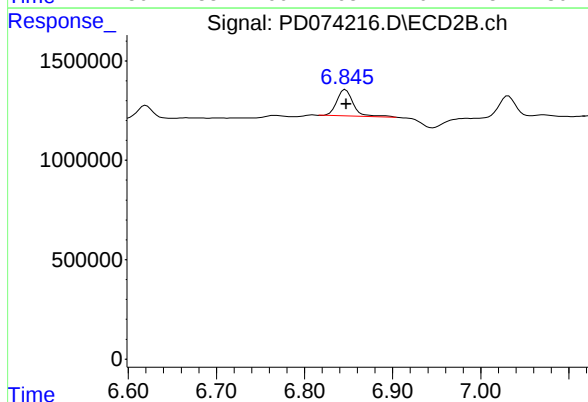
R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 791714
Conc: 1.17 ng/ml



#21 Endrin ketone

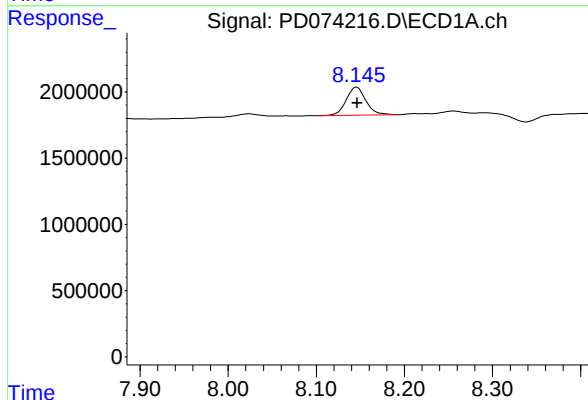
R.T.: 7.669 min
Delta R.T.: -0.002 min
Response: 3314540
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



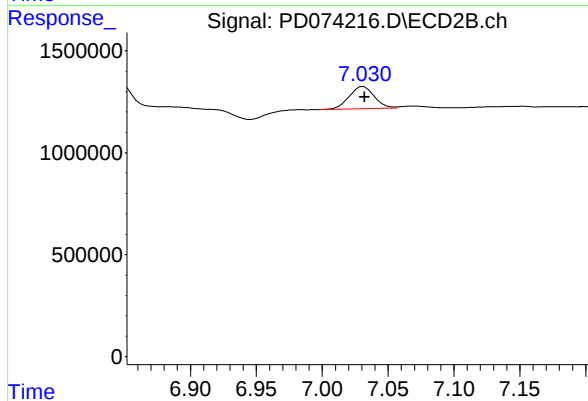
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 1731918
Conc: 1.17 ng/ml



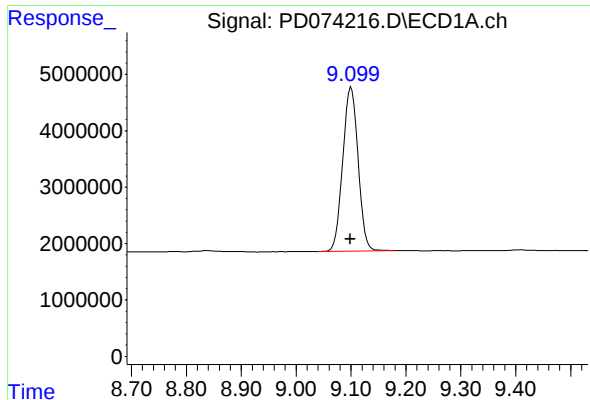
#22 Mirex

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 3297816
Conc: 1.55 ng/ml



#22 Mirex

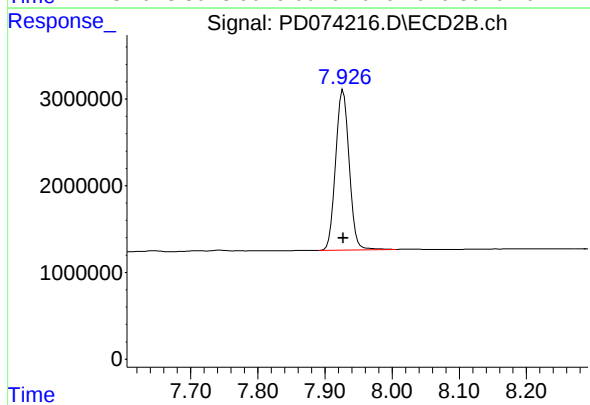
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 1455217
Conc: 1.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: 0.001 min
Response: 56469097
Conc: 21.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 25910529
Conc: 21.12 ng/ml