

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 10:42
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:02:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 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 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...	3.289	3.962	17211997	24973108	20.190	20.736
28)	SA Decachlor...	7.965	8.999	19178746	28129033	20.272	20.214
Target Compounds							
2)	A alpha-BHC	3.716	4.349	2707976	4348588	2.132	2.467
3)	MA gamma-BHC...	3.991	4.631	3105769	4101595	2.593	2.389
4)	MA Heptachlor	4.277	5.138	2471333	4334005	2.320	2.501
5)	MB Aldrin	4.516	5.441	2500562	4279168	2.285	2.557
6)	B beta-BHC	4.241	4.800	1253968	1977890	2.488	2.488
7)	B delta-BHC	4.437	5.015	2291498	2918835	1.990	1.821
8)	B Heptachlo...	4.953	5.825	2355007	4146110	2.289	2.567
9)	A Endosulfan I	5.284	6.181	2310669	4307532	2.370	2.743
10)	B gamma-Chl...	5.175	6.058	2531929	6346376	2.373	3.681 #
11)	B alpha-Chl...	5.232	6.131	2504651	5199179	2.373	3.026 #
12)	B 4,4'-DDE	5.401	6.288	2185078	3754948	2.220	2.348
13)	MA Dieldrin	5.524	6.436	2390834	4335717	2.254	2.566
14)	MA Endrin	5.777	6.653	2093480	3490497	2.183	2.420
15)	B Endosulfa...	6.051	6.861	2157198	4017237	2.226	2.587
16)	A 4,4'-DDD	5.911	6.775	1810878	3609890	2.252	2.642
17)	MA 4,4'-DDT	6.147	7.074	1257722	2645824	1.758	1.982
18)	B Endrin al...	6.219	6.985	4664320	3492529	5.582	2.605 #
19)	B Endosulfa...	6.430	7.207	8050440	3794255	8.987	2.608 #
20)	A Methoxychlor	6.696	7.531	1236448	1911758	3.156	2.390
21)	B Endrin ke...	6.914	7.676	2101016	4246628	2.008	2.560 #
22)	Mirex	7.090	8.130	2512718	3346503	3.047	2.766
24)	Chlordane-2	0.000	5.441f	0	4279168	N.D.	81.462 #
25)	Chlordane-3	5.175	6.058	2531929	6346376	26.329	28.982
26)	Chlordane-4	5.232	6.131	2504651	5199179	29.783	19.765 #
27)	Chlordane-5	6.051	0.000	2157198	0	71.045	N.D. #

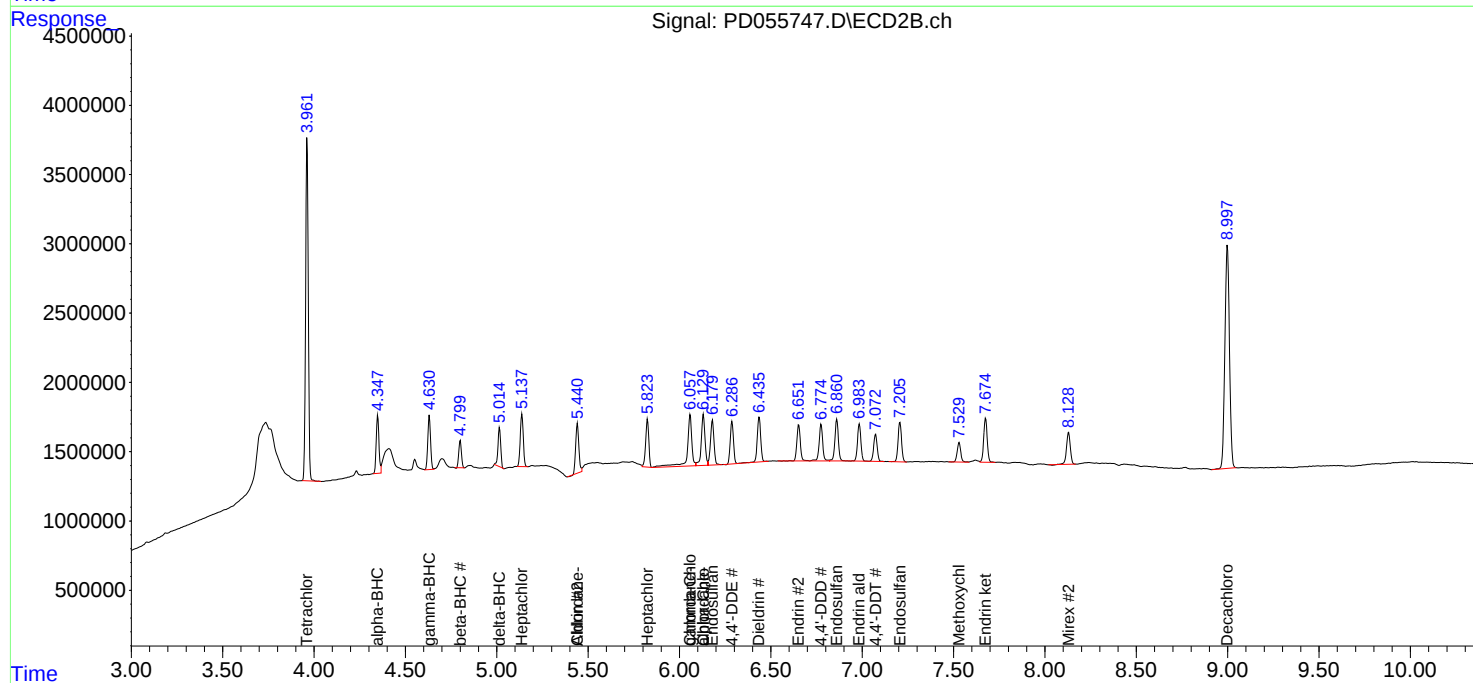
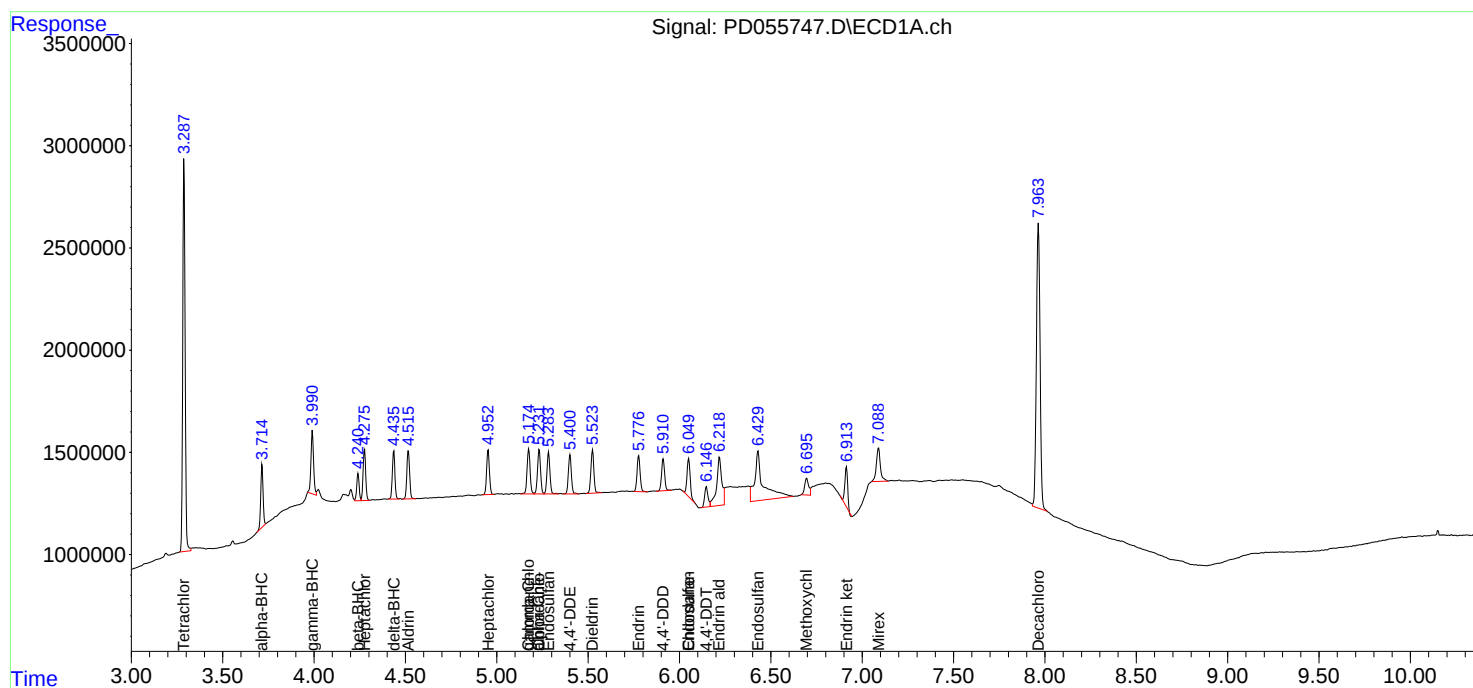
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

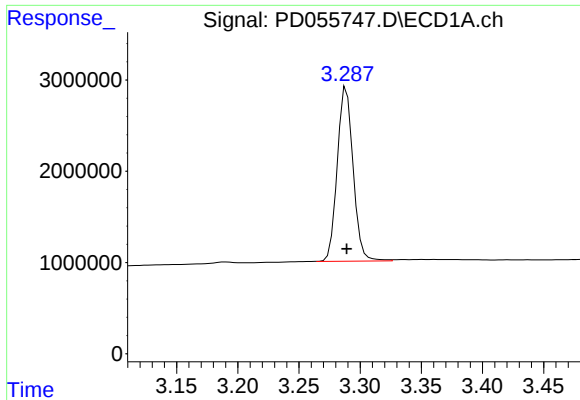
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 10:42
Operator : SG\AJ
Sample : K5111-07
Misc : PEST LOD 2.5 PPB
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:02:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

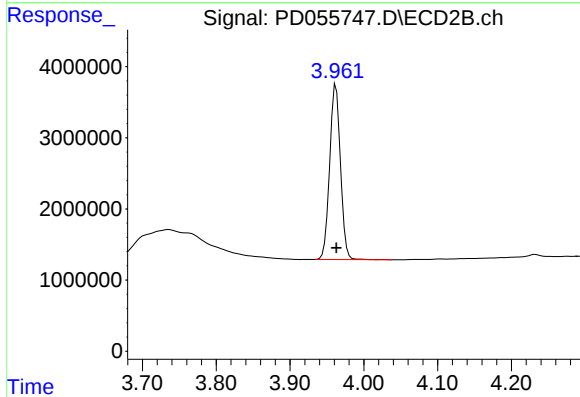




#1 Tetrachloro-m-xylene

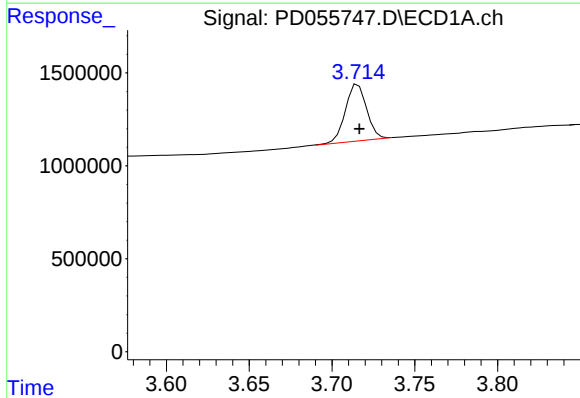
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 17211997
Conc: 20.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



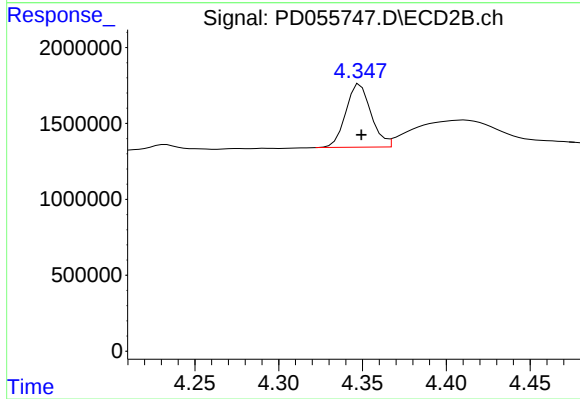
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 24973108
Conc: 20.74 ng/ml



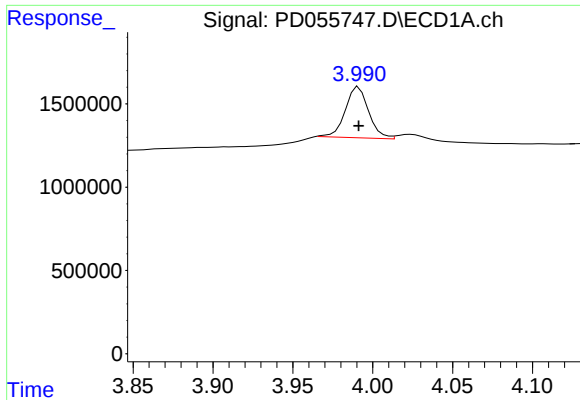
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 2707976
Conc: 2.13 ng/ml



#2 alpha-BHC

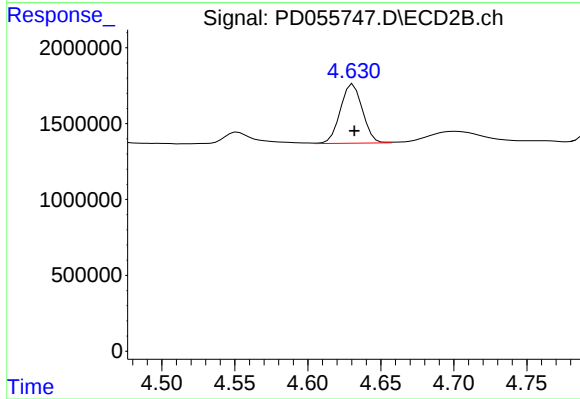
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 4348588
Conc: 2.47 ng/ml



#3 gamma-BHC (Lindane)

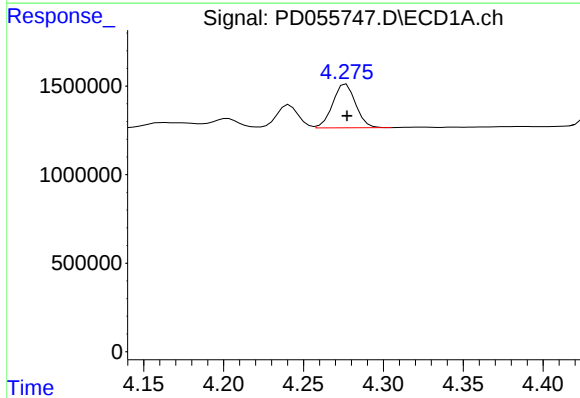
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 3105769
Conc: 2.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



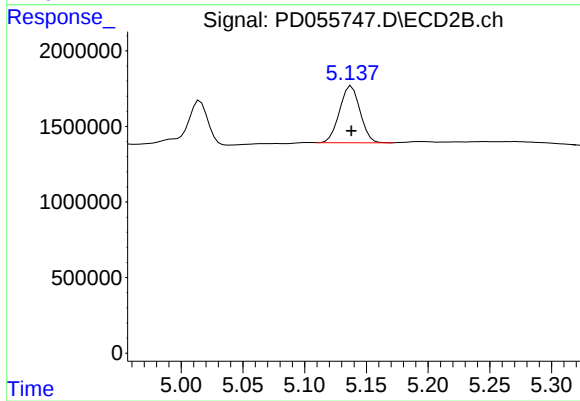
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 4101595
Conc: 2.39 ng/ml



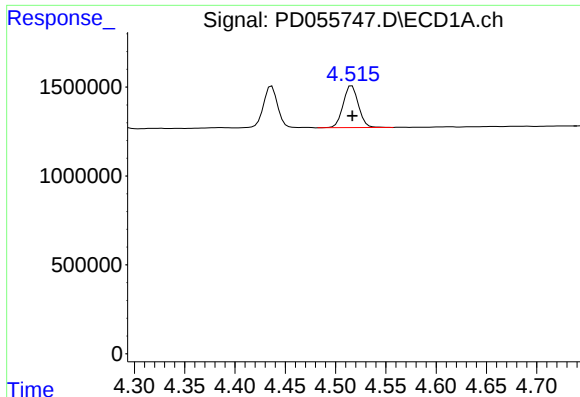
#4 Heptachlor

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 2471333
Conc: 2.32 ng/ml



#4 Heptachlor

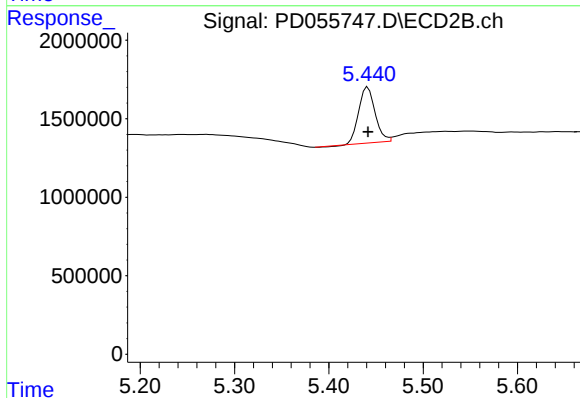
R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 4334005
Conc: 2.50 ng/ml



#5 Aldrin

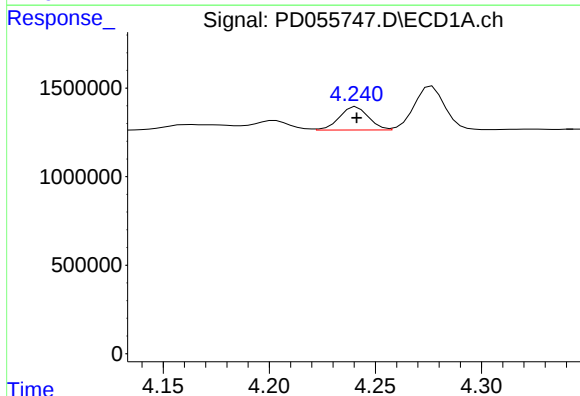
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2500562
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



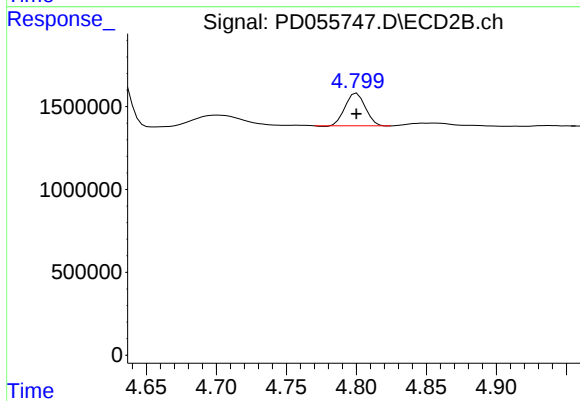
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 4279168
Conc: 2.56 ng/ml



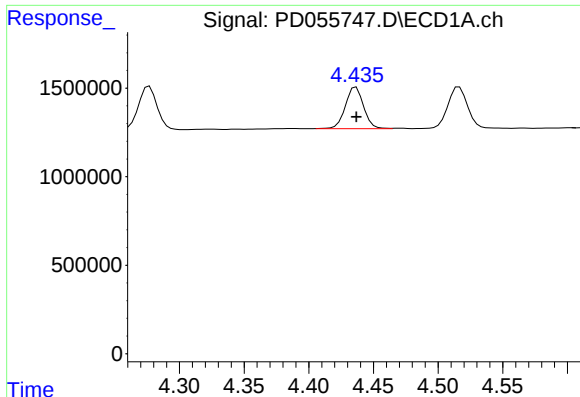
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 1253968
Conc: 2.49 ng/ml



#6 beta-BHC

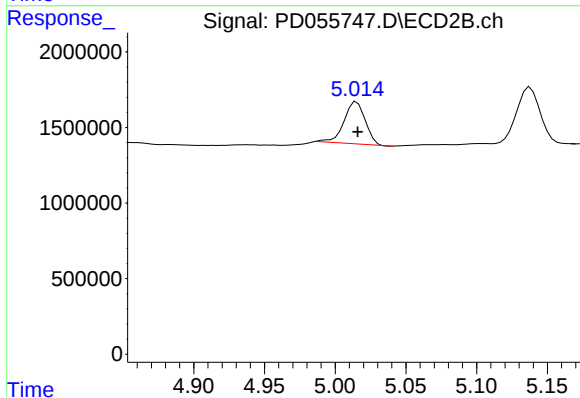
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 1977890
Conc: 2.49 ng/ml



#7 delta-BHC

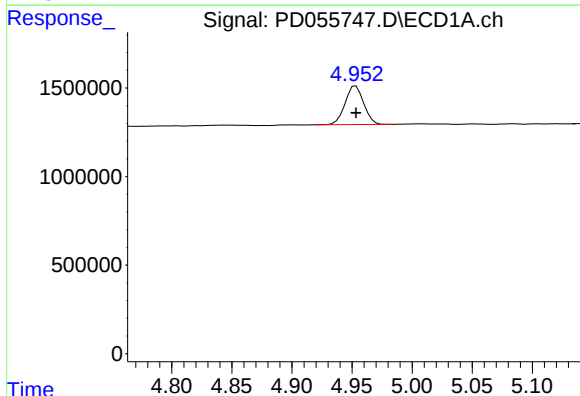
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2291498
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



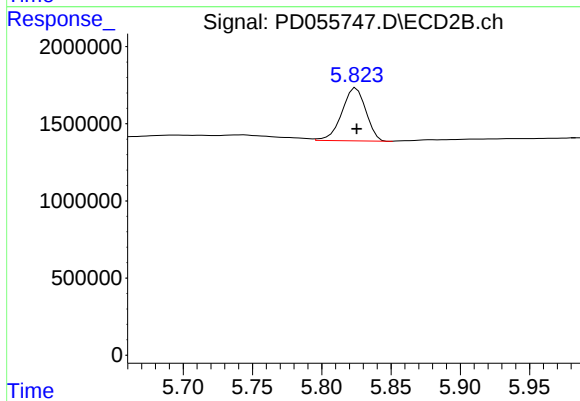
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 2918835
Conc: 1.82 ng/ml



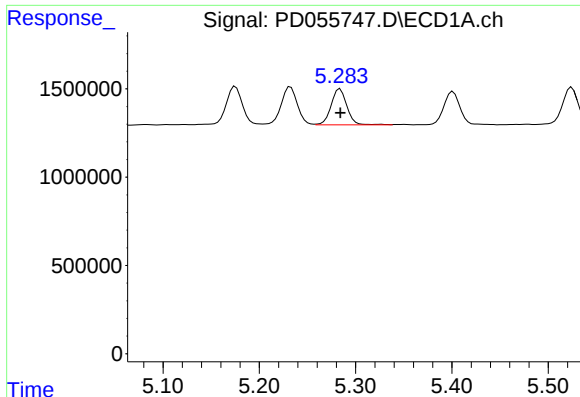
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 2355007
Conc: 2.29 ng/ml



#8 Heptachlor epoxide

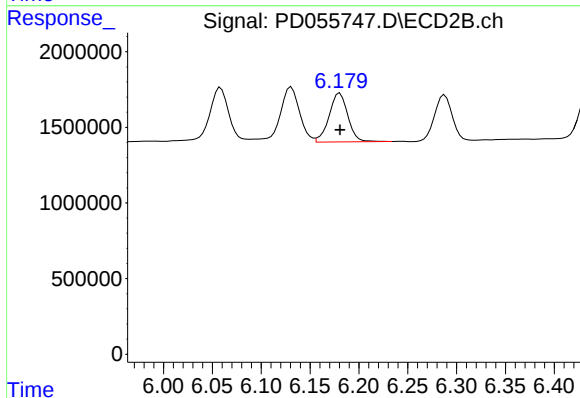
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 4146110
Conc: 2.57 ng/ml



#9 Endosulfan I

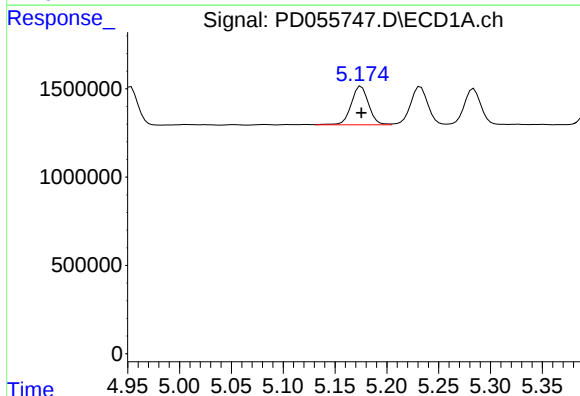
R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 2310669
Conc: 2.37 ng/ml

Instrument :
ECD_D
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LOD-MDL-WATER-01-QT4-2019



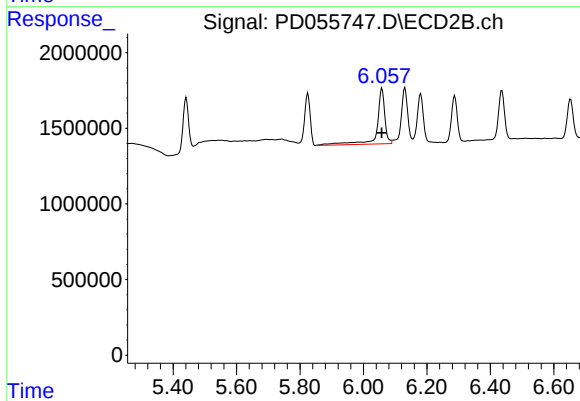
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4307532
Conc: 2.74 ng/ml



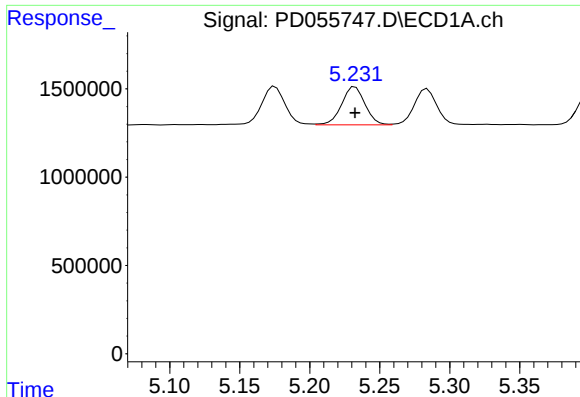
#10 gamma-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 2531929
Conc: 2.37 ng/ml



#10 gamma-Chlordane

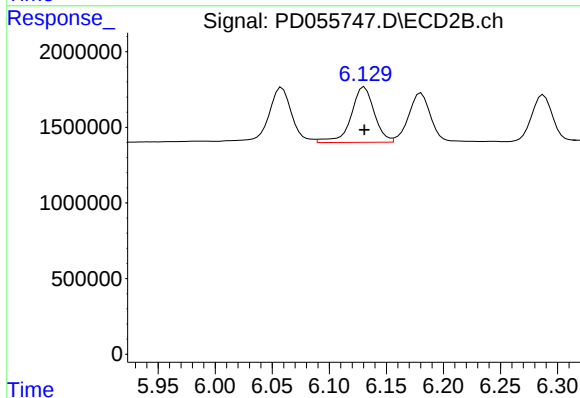
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 6346376
Conc: 3.68 ng/ml



#11 alpha-Chlordane

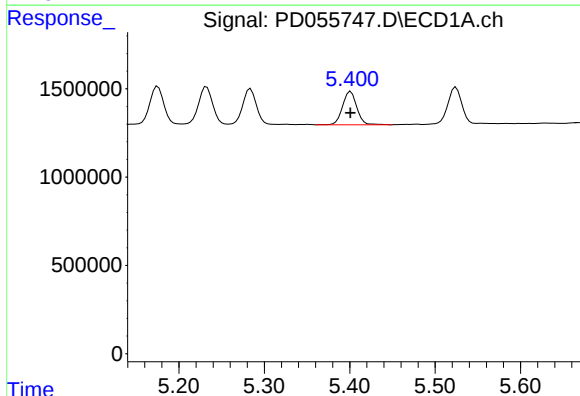
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2504651
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



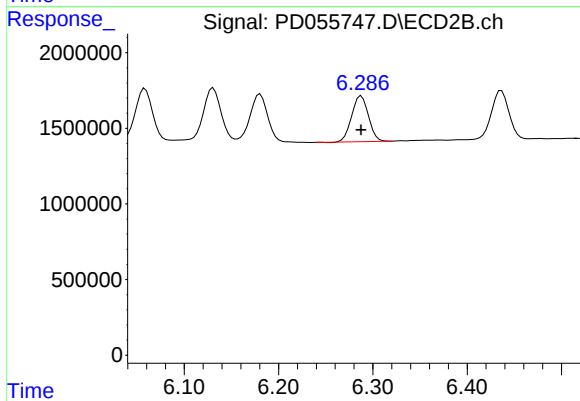
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 5199179
Conc: 3.03 ng/ml



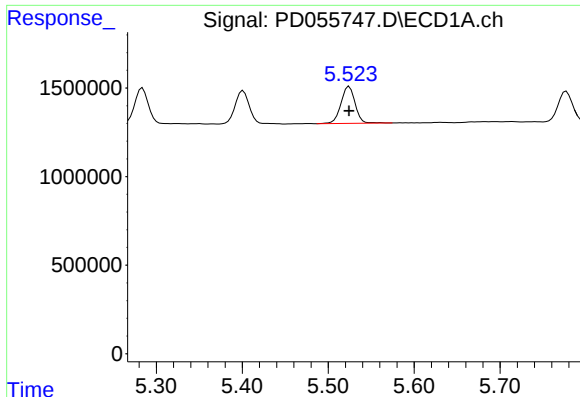
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 2185078
Conc: 2.22 ng/ml



#12 4,4'-DDE

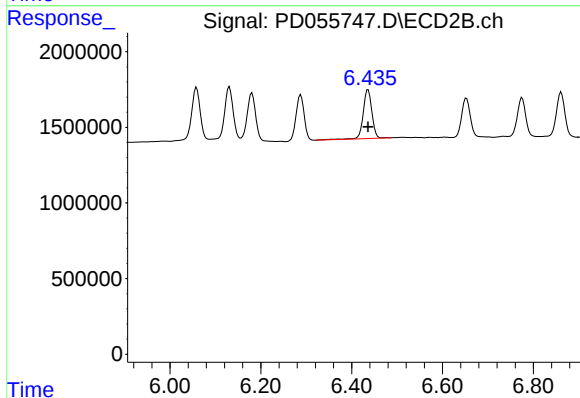
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 3754948
Conc: 2.35 ng/ml



#13 Dieldrin

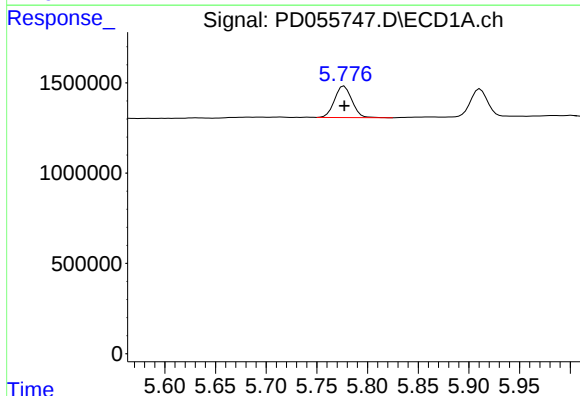
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 2390834
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



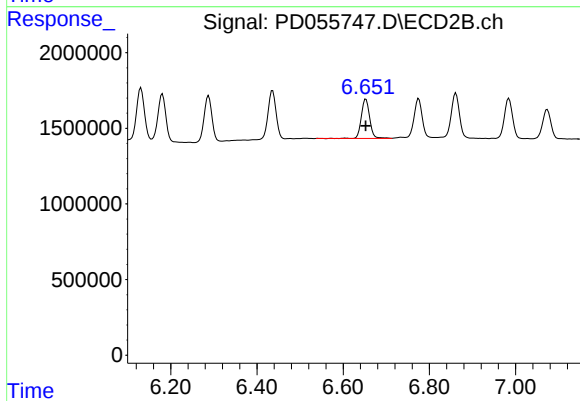
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 4335717
Conc: 2.57 ng/ml



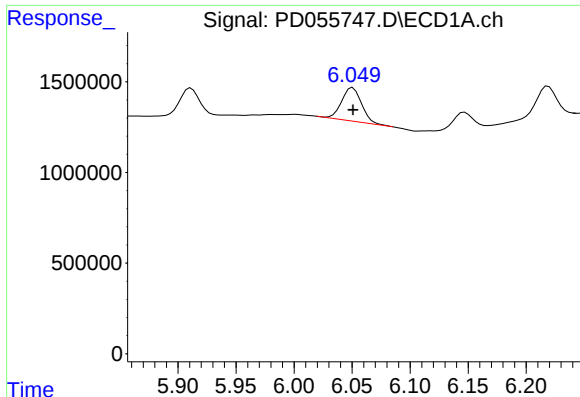
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2093480
Conc: 2.18 ng/ml



#14 Endrin

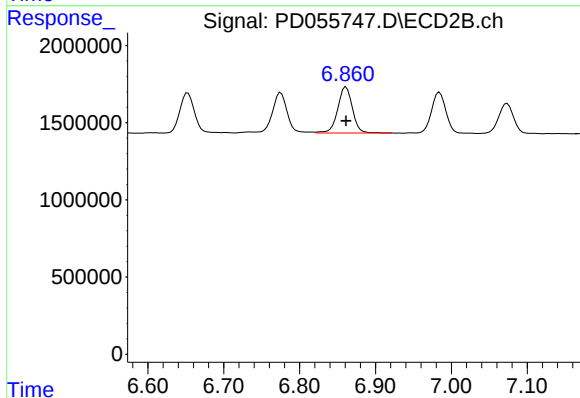
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 3490497
Conc: 2.42 ng/ml



#15 Endosulfan II

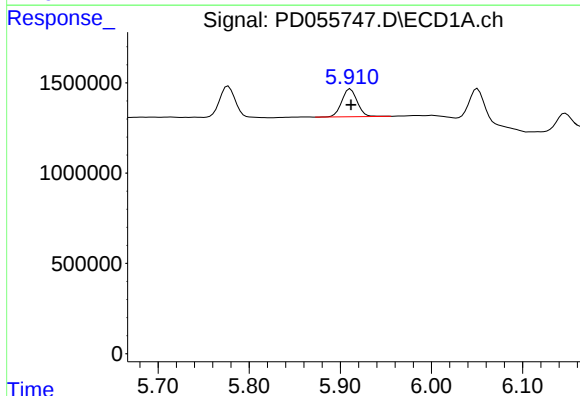
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 2157198
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



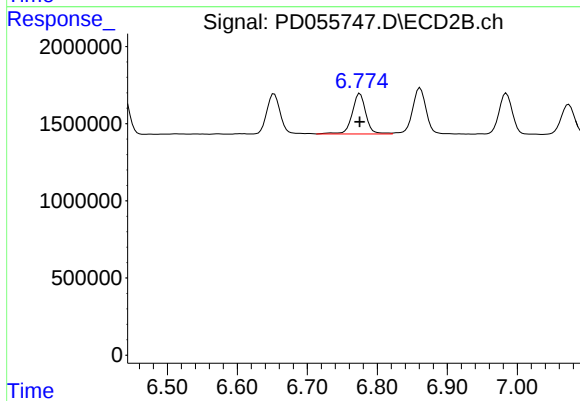
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 4017237
Conc: 2.59 ng/ml



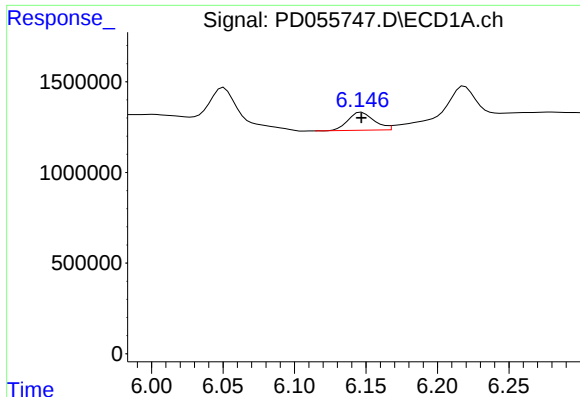
#16 4,4'-DDD

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 1810878
Conc: 2.25 ng/ml



#16 4,4'-DDD

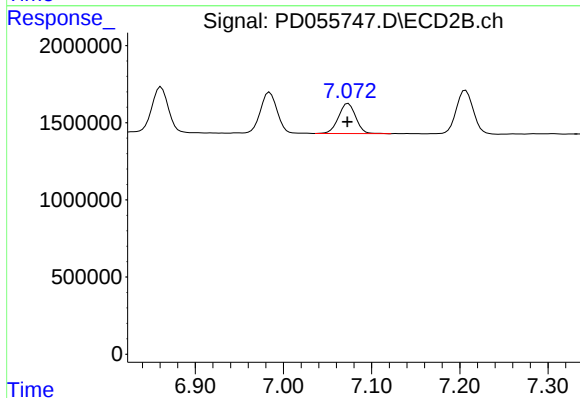
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 3609890
Conc: 2.64 ng/ml



#17 4,4'-DDT

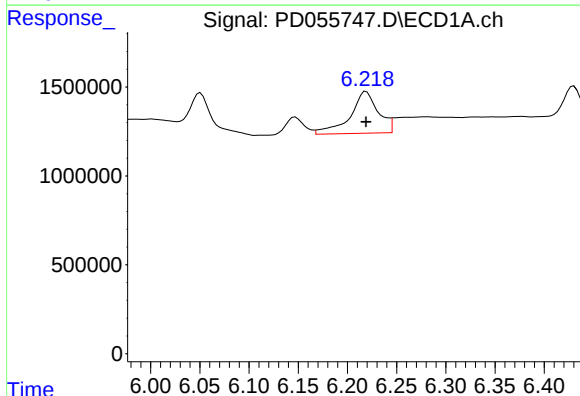
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 1257722
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



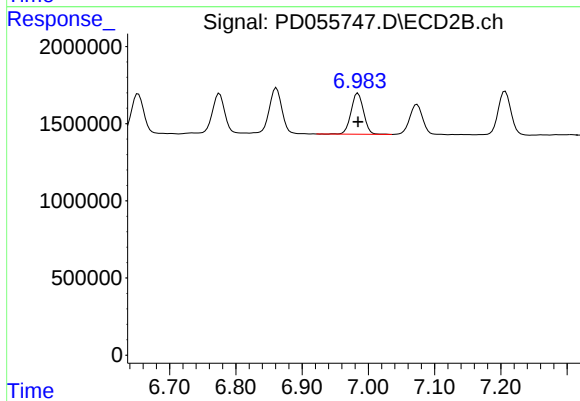
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 2645824
Conc: 1.98 ng/ml



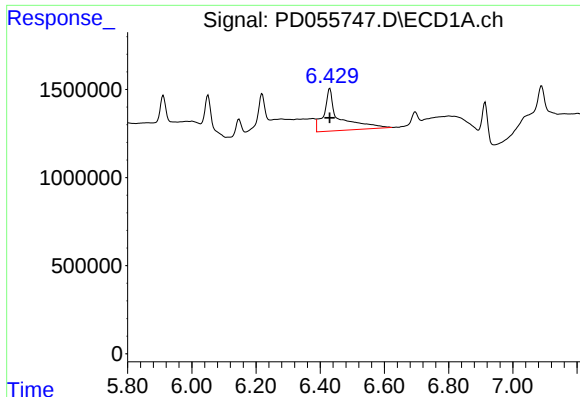
#18 Endrin aldehyde

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 4664320
Conc: 5.58 ng/ml



#18 Endrin aldehyde

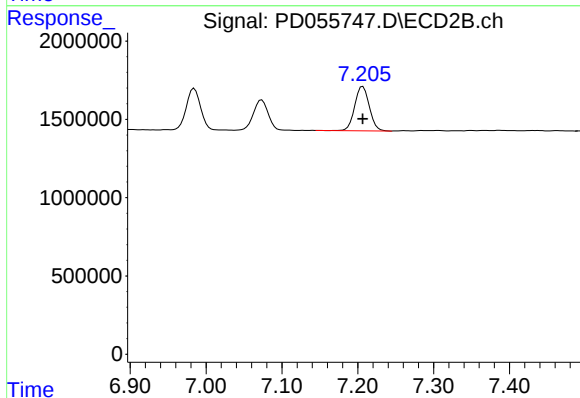
R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 3492529
Conc: 2.60 ng/ml



#19 Endosulfan Sulfate

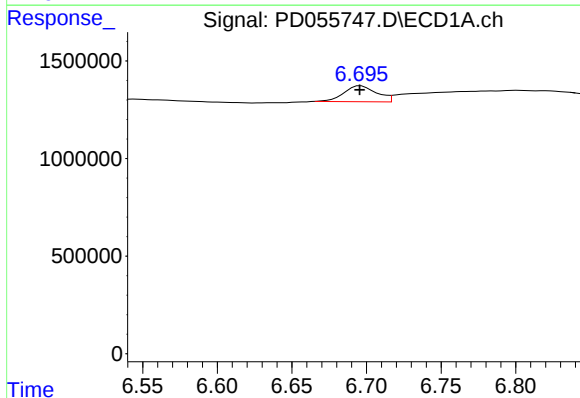
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 8050440
Conc: 8.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



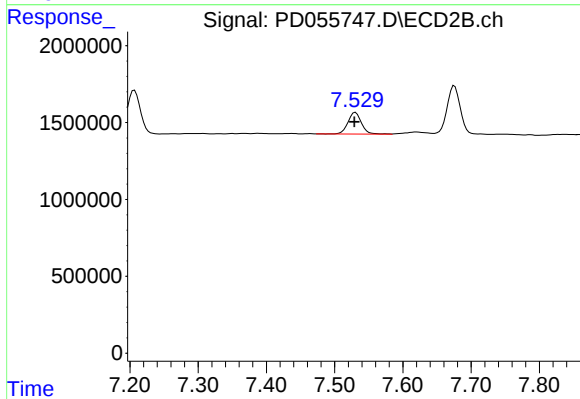
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 3794255
Conc: 2.61 ng/ml



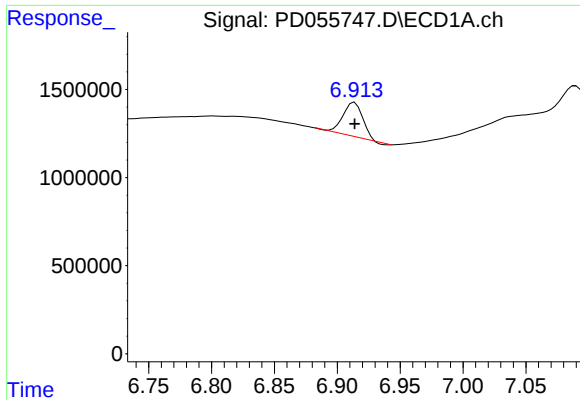
#20 Methoxychlor

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 1236448
Conc: 3.16 ng/ml



#20 Methoxychlor

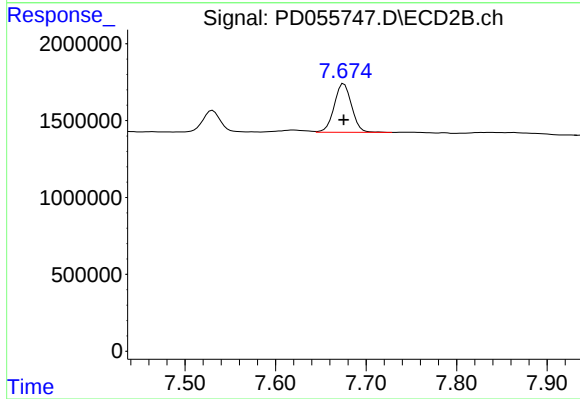
R.T.: 7.531 min
Delta R.T.: 0.002 min
Response: 1911758
Conc: 2.39 ng/ml



#21 Endrin ketone

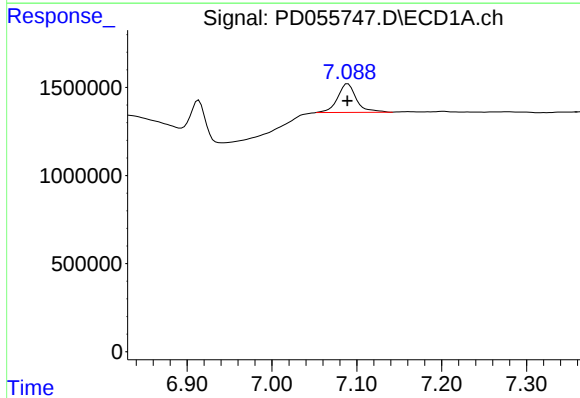
R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 2101016
Conc: 2.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



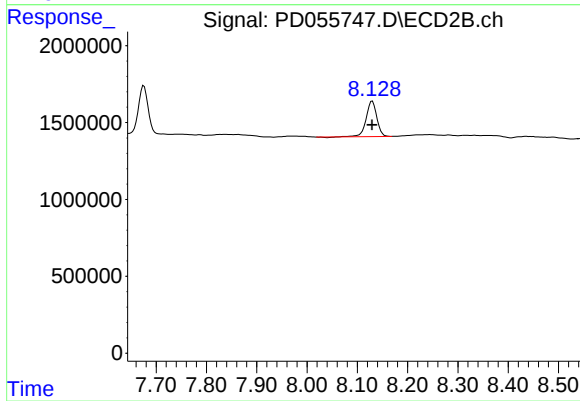
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 4246628
Conc: 2.56 ng/ml



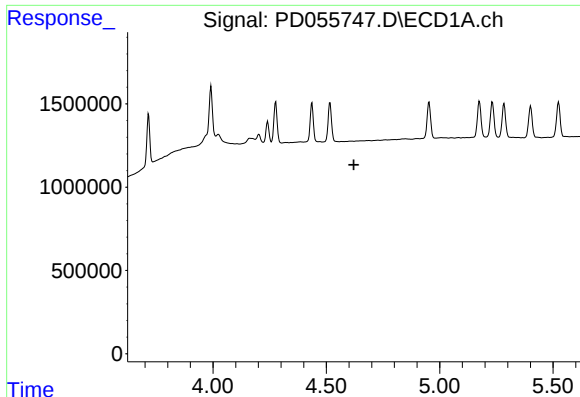
#22 Mirex

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 2512718
Conc: 3.05 ng/ml



#22 Mirex

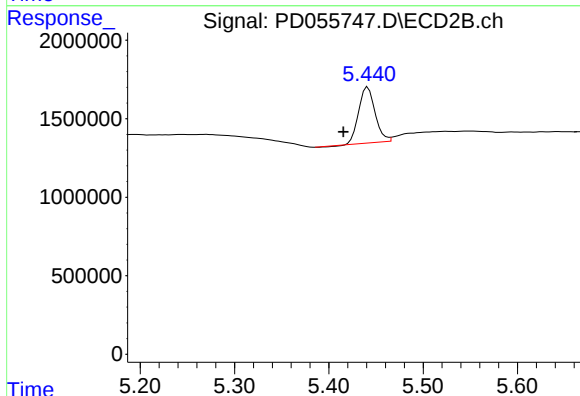
R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 3346503
Conc: 2.77 ng/ml



#24 Chlordane-2

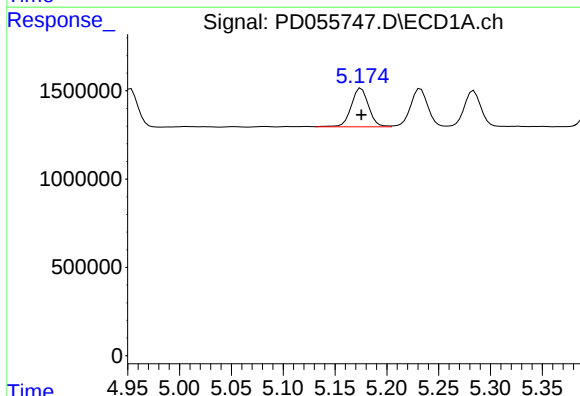
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



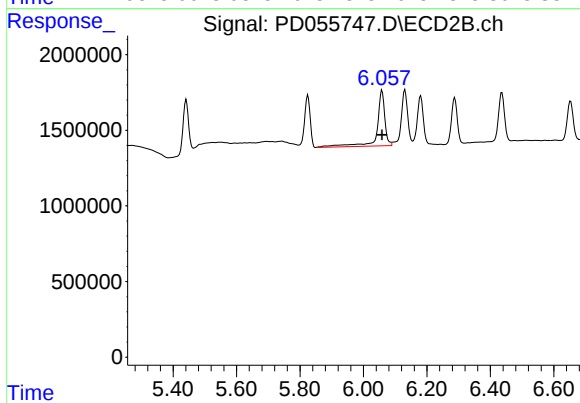
#24 Chlordane-2

R.T.: 5.441 min
Delta R.T.: 0.026 min
Response: 4279168
Conc: 81.46 ng/ml



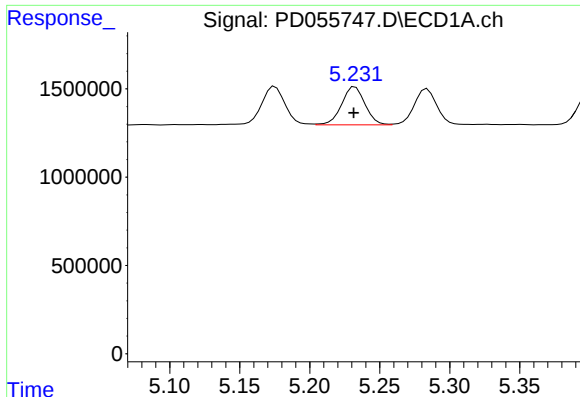
#25 Chlordane-3

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 2531929
Conc: 26.33 ng/ml



#25 Chlordane-3

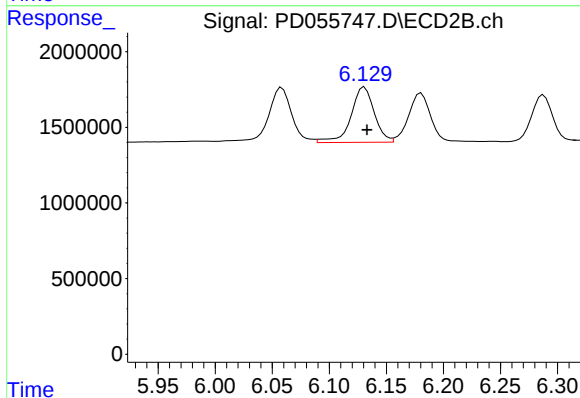
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 6346376
Conc: 28.98 ng/ml



#26 Chlordane-4

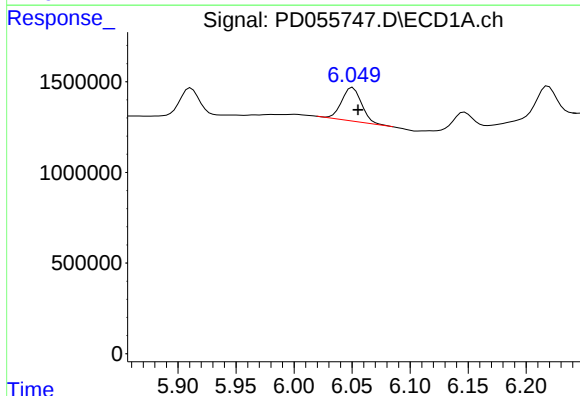
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2504651
Conc: 29.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



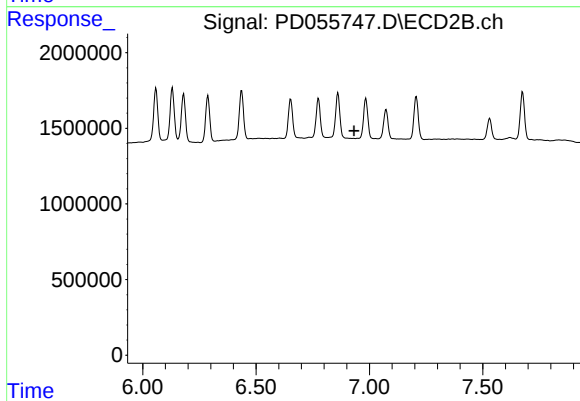
#26 Chlordane-4

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 5199179
Conc: 19.77 ng/ml



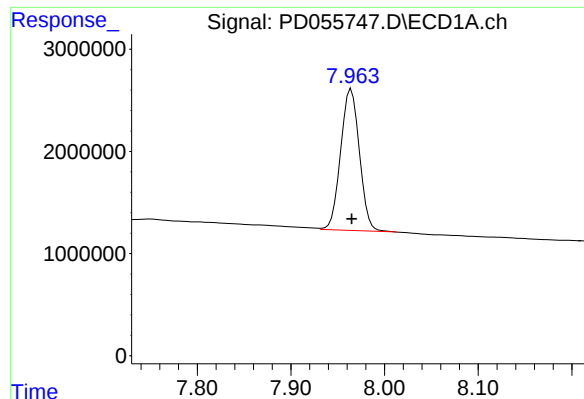
#27 Chlordane-5

R.T.: 6.051 min
Delta R.T.: -0.005 min
Response: 2157198
Conc: 71.05 ng/ml



#27 Chlordane-5

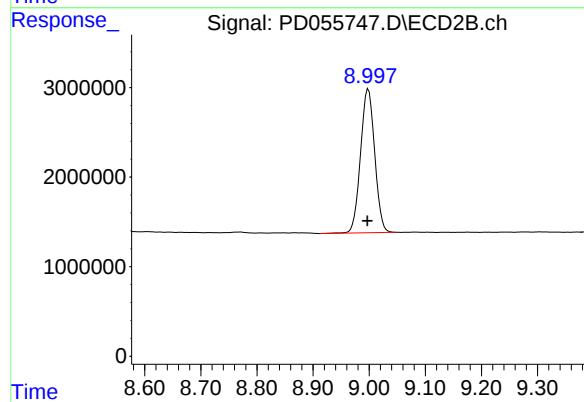
R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 19178746
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.001 min
Response: 28129033
Conc: 20.21 ng/ml