

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
 Data File : PD051517.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2019 3:08
 Operator : AJ\SJ
 Sample : K1560-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 04:00:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 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...	3.224	4.044	28530899	658.3E6	21.518	22.956
28)	SA Decachlor...	7.824	9.157	28084258	441.7E6	24.707	24.182
Target Compounds							
2)	A alpha-BHC	3.643	4.436	1859626	53907336	0.847	1.236 #
3)	MA gamma-BHC...	3.912	4.723	2576938	51109291	1.233	1.290
4)	MA Heptachlor	4.189	5.236	2020200	56135258	0.942	1.464 #
5)	MB Aldrin	4.421	5.543	1988213	48716292	0.977	1.360 #
6)	B beta-BHC	4.157	4.894	1008933	30429084	1.146	1.693 #
7)	B delta-BHC	4.345	5.112	1684929	33456661	0.831	0.974
8)	B Heptachlo...	4.848	5.931	1956039	52723217	0.995	1.644 #
9)	A Endosulfan I	5.170	6.290	1834384	51345614	0.990	1.732 #
10)	B gamma-Chl...	5.066	6.167	2015323	50997606	0.995	1.595 #
11)	B alpha-Chl...	5.122	6.240	2028564	53108951	1.009	1.676 #
12)	B 4,4'-DDE	5.291	6.395	1599598	48543056	0.854	1.569 #
13)	MA Dieldrin	5.406	6.548	1855777	44962016	0.923	1.457 #
14)	MA Endrin	5.653	6.767	1720442	35351078	0.898	1.354 #
15)	B Endosulfa...	5.923	6.976	2354796	57797660	1.307	2.244 #
16)	A 4,4'-DDD	5.792	6.887	1004231	59043414	0.638	2.404 #
17)	MA 4,4'-DDT	6.025	7.187	2622864	23598502	1.642	1.165 #
18)	B Endrin al...	6.089	7.101	1676676	30284378	1.134	1.412
19)	B Endosulfa...	6.298	7.325	1695823	35273479	1.026	1.505 #
20)	A Methoxychlor	6.570	7.646	946527	13362495	1.066	1.214
21)	B Endrin ke...	6.773	7.799	2025826	31689837	1.094	1.403 #
22)	Mirex	6.942	8.257	885630	26535811	0.704	1.715 #
24)	Chlordane-2	0.000	5.543f	0	48716292	N.D.	34.356 #
25)	Chlordane-3	5.066	6.167	2015323	50997606	8.659	11.452 #
26)	Chlordane-4	5.122	6.240	2028564	53108951	9.072	10.141
27)	Chlordane-5	5.923	7.032f	2354796	2533083	32.784	2.501 #

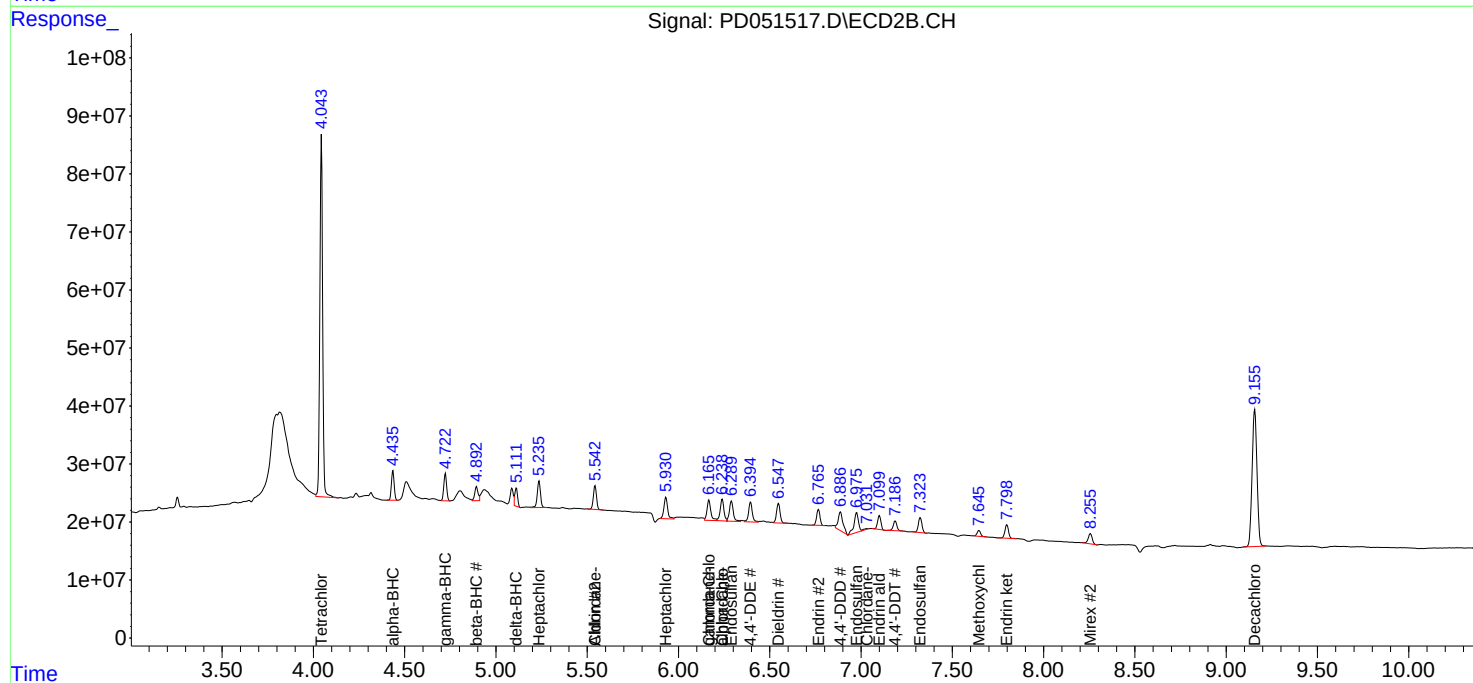
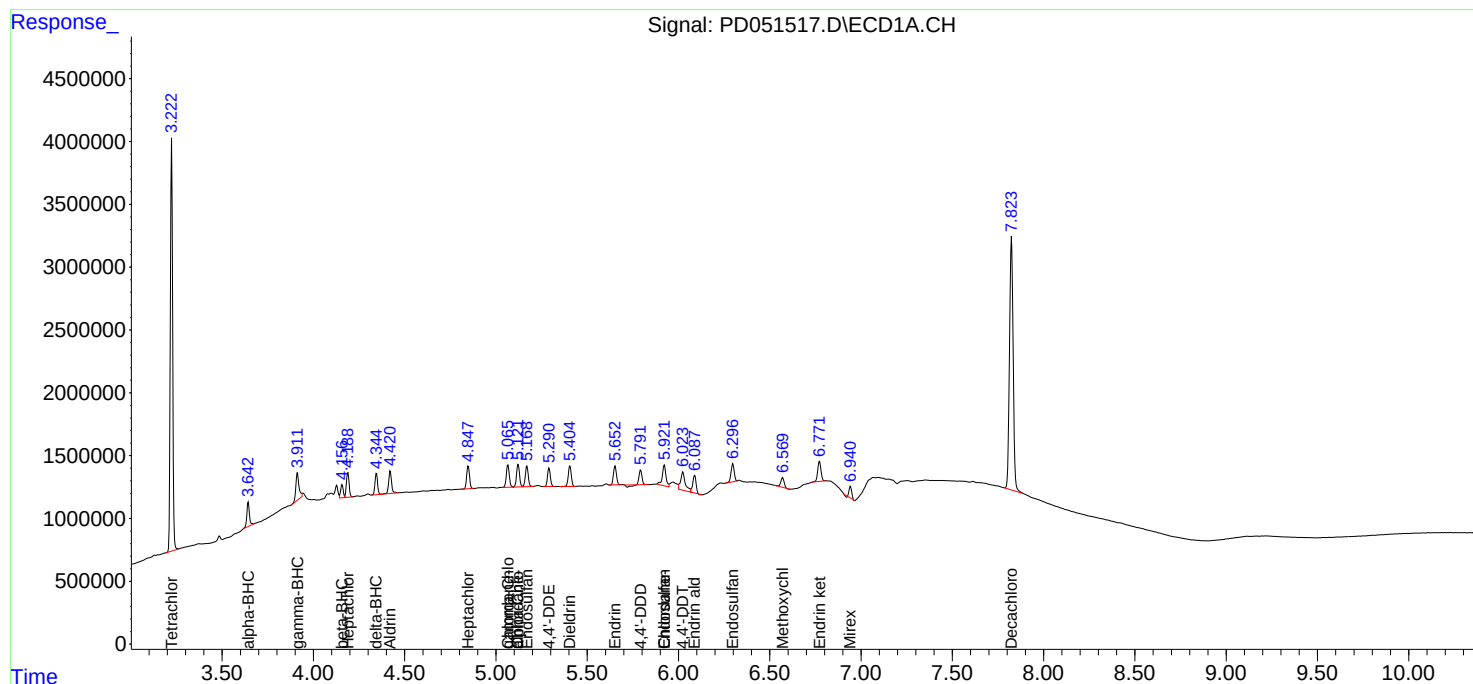
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

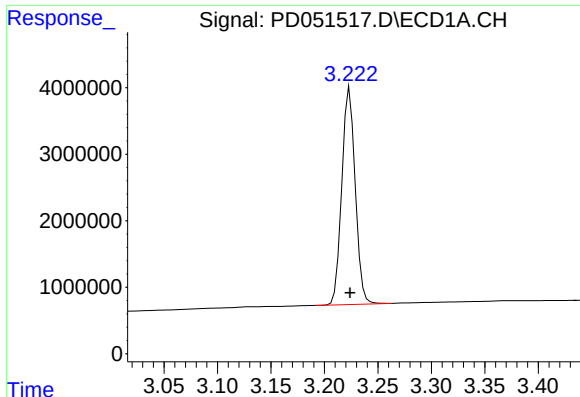
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
Data File : PD051517.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Mar 2019 3:08
Operator : AJ\SJ
Sample : K1560-07
Misc : PEST LOD 1 PPB
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 02 04:00:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

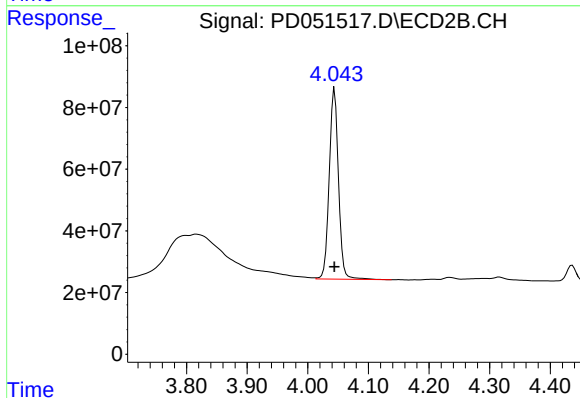




#1 Tetrachloro-m-xylene

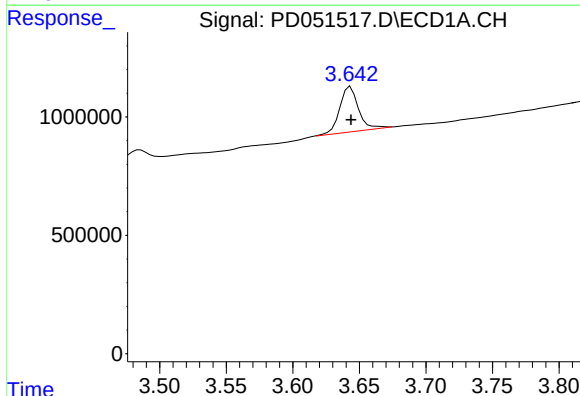
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 28530899
Conc: 21.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



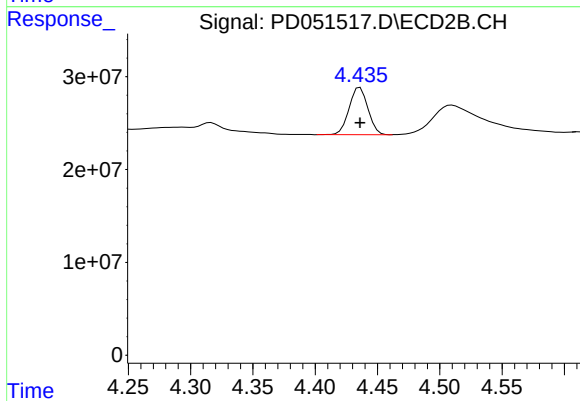
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 658302449
Conc: 22.96 ng/ml



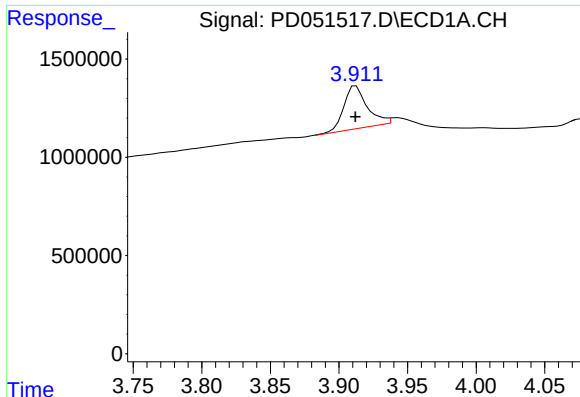
#2 alpha-BHC

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 1859626
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 53907336
Conc: 1.24 ng/ml



#3 gamma-BHC (Lindane)

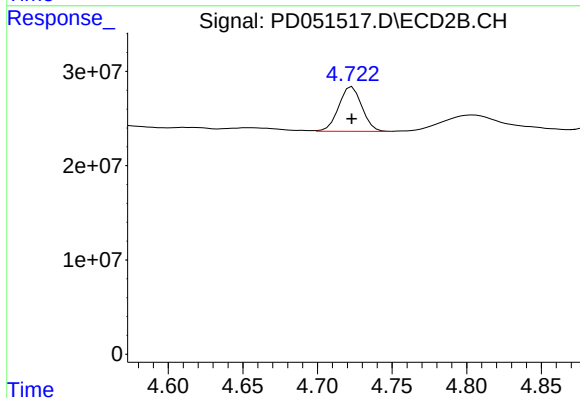
R.T.: 3.912 min

Delta R.T.: 0.000 min

Response: 2576938

Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



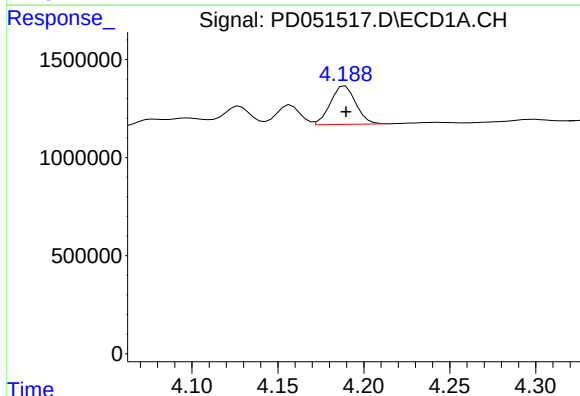
#3 gamma-BHC (Lindane)

R.T.: 4.723 min

Delta R.T.: 0.000 min

Response: 51109291

Conc: 1.29 ng/ml



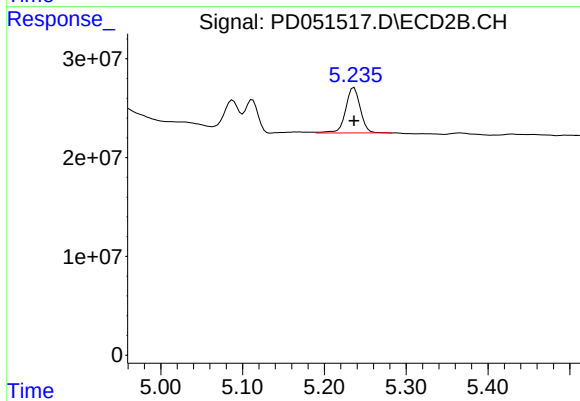
#4 Heptachlor

R.T.: 4.189 min

Delta R.T.: 0.000 min

Response: 2020200

Conc: 0.94 ng/ml



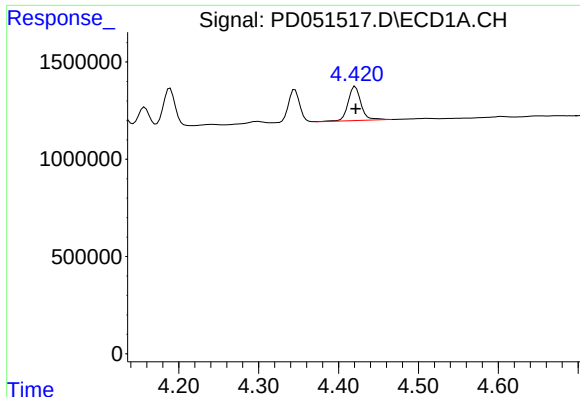
#4 Heptachlor

R.T.: 5.236 min

Delta R.T.: 0.000 min

Response: 56135258

Conc: 1.46 ng/ml



#5 Aldrin

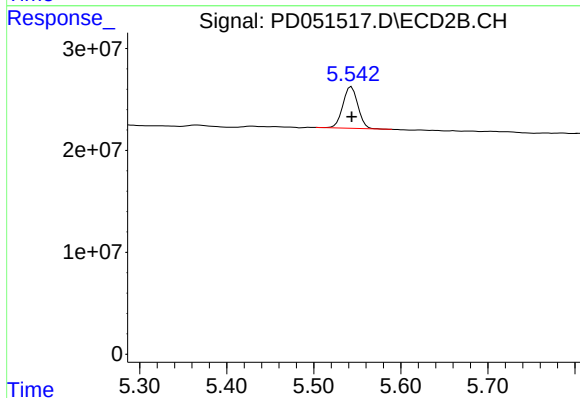
R.T.: 4.421 min

Delta R.T.: 0.000 min

Response: 1988213

Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



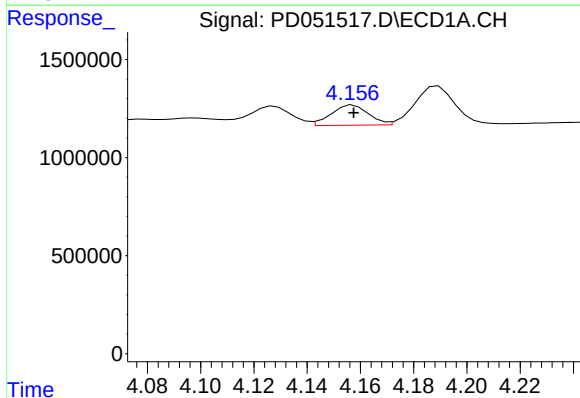
#5 Aldrin

R.T.: 5.543 min

Delta R.T.: 0.000 min

Response: 48716292

Conc: 1.36 ng/ml



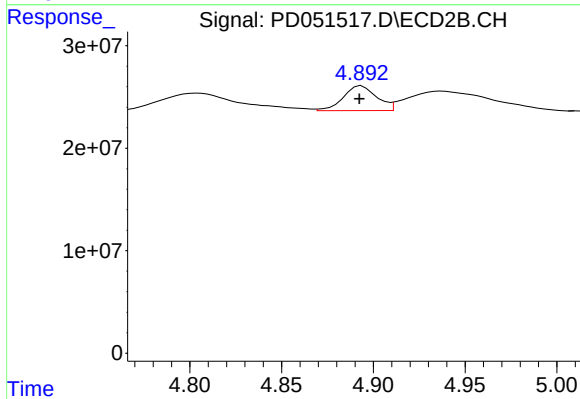
#6 beta-BHC

R.T.: 4.157 min

Delta R.T.: 0.000 min

Response: 1008933

Conc: 1.15 ng/ml



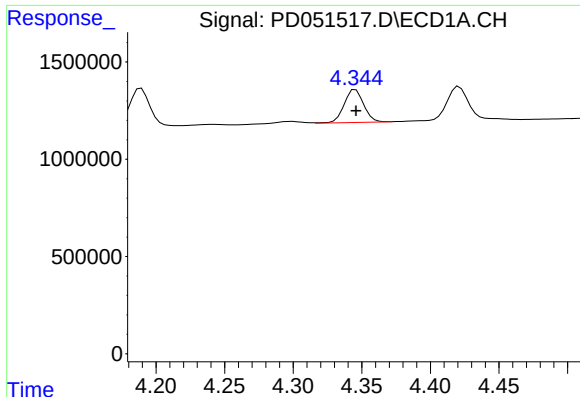
#6 beta-BHC

R.T.: 4.894 min

Delta R.T.: 0.001 min

Response: 30429084

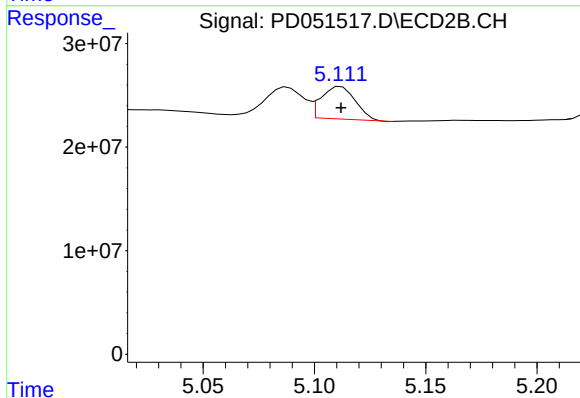
Conc: 1.69 ng/ml



#7 delta-BHC

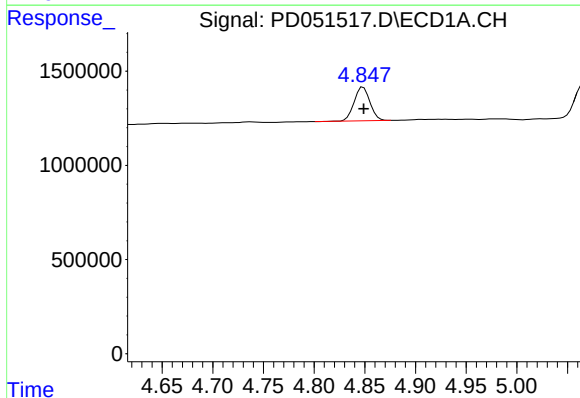
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 1684929
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



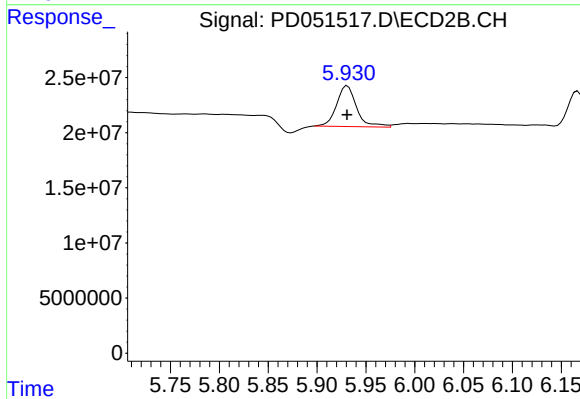
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 33456661
Conc: 0.97 ng/ml



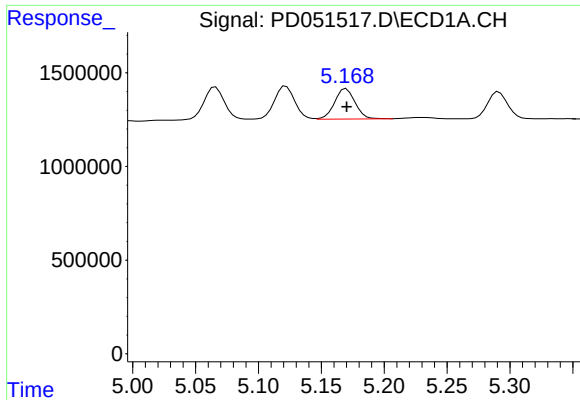
#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 1956039
Conc: 0.99 ng/ml



#8 Heptachlor epoxide

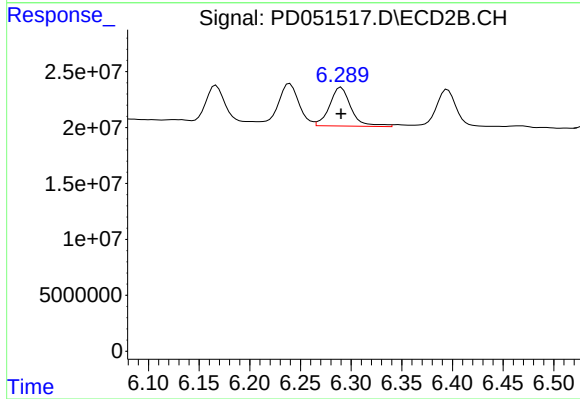
R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 52723217
Conc: 1.64 ng/ml



#9 Endosulfan I

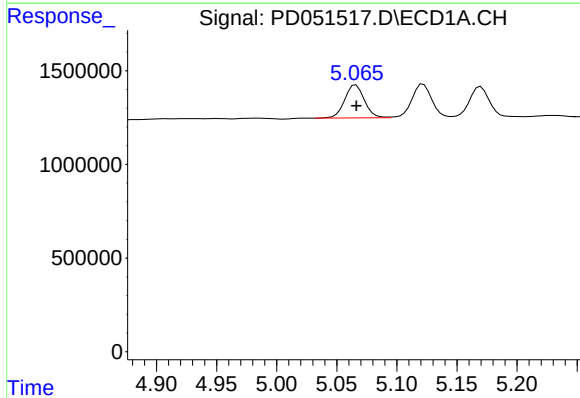
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1834384
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



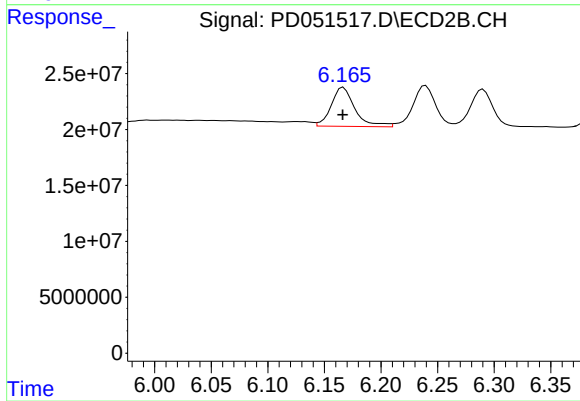
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 51345614
Conc: 1.73 ng/ml



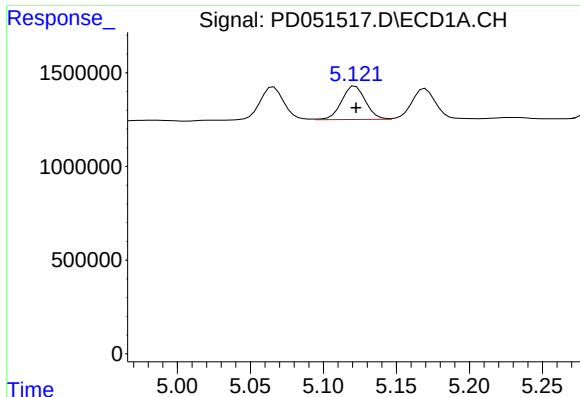
#10 gamma-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 2015323
Conc: 0.99 ng/ml



#10 gamma-Chlordane

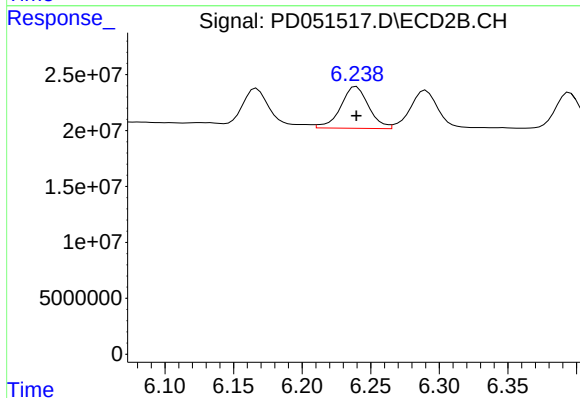
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 50997606
Conc: 1.59 ng/ml



#11 alpha-Chlordane

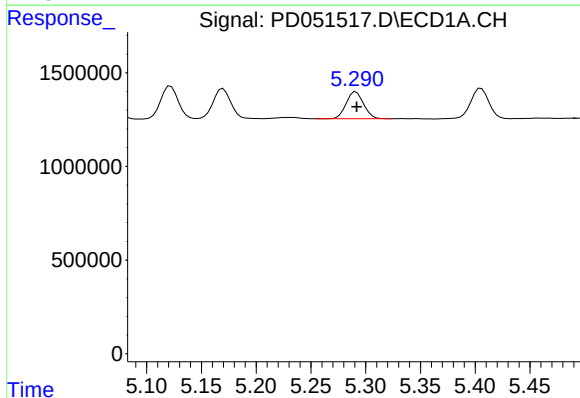
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 2028564
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



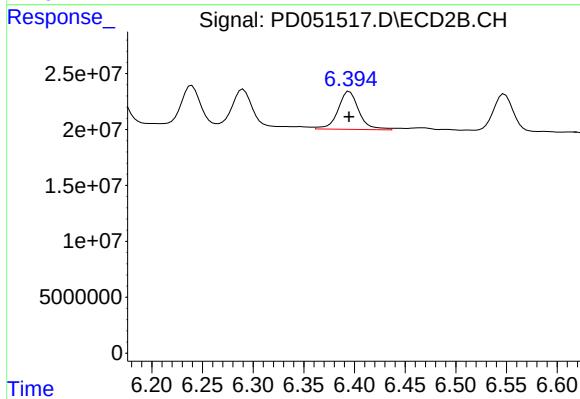
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 53108951
Conc: 1.68 ng/ml



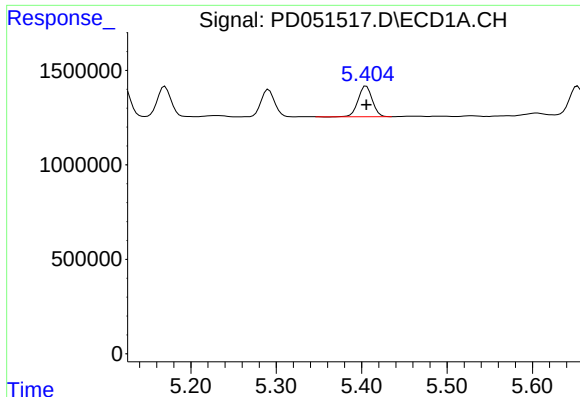
#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 1599598
Conc: 0.85 ng/ml



#12 4,4'-DDE

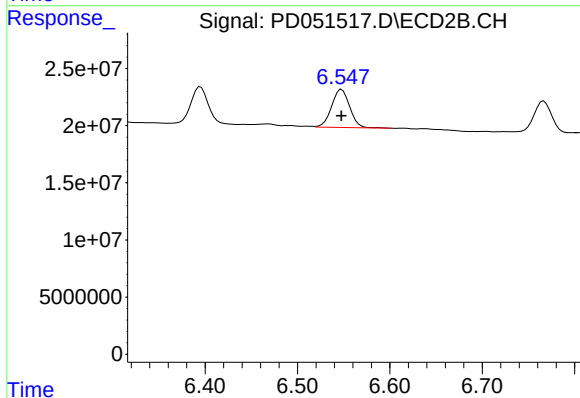
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 48543056
Conc: 1.57 ng/ml



#13 Dieldrin

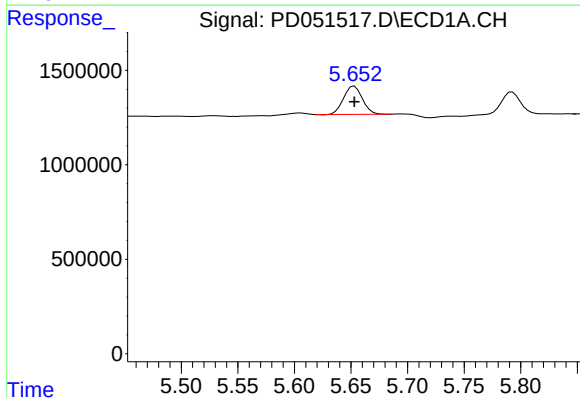
R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 1855777
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



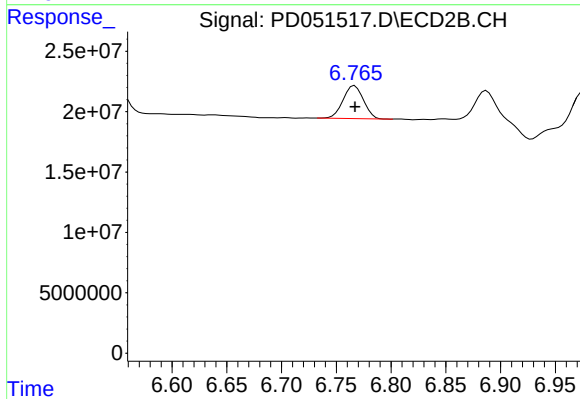
#13 Dieldrin

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 44962016
Conc: 1.46 ng/ml



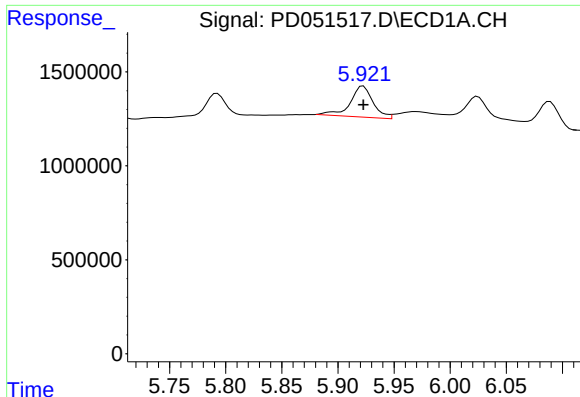
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 1720442
Conc: 0.90 ng/ml



#14 Endrin

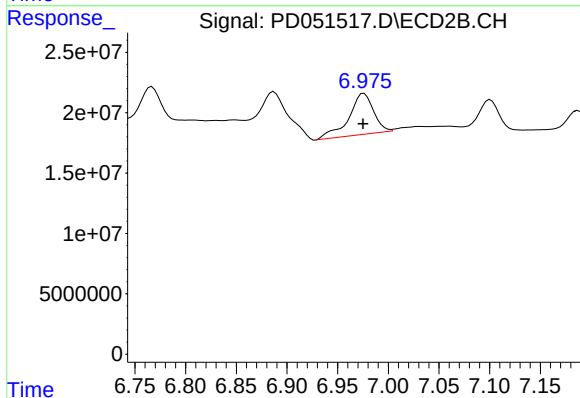
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 35351078
Conc: 1.35 ng/ml



#15 Endosulfan II

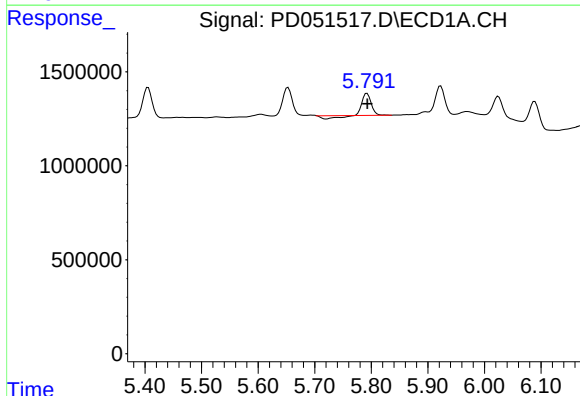
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 2354796
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



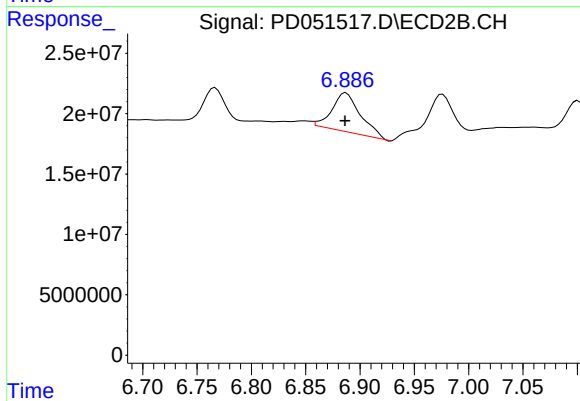
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 57797660
Conc: 2.24 ng/ml



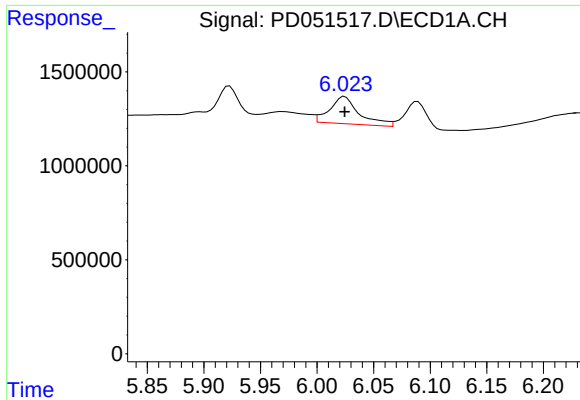
#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1004231
Conc: 0.64 ng/ml



#16 4,4'-DDD

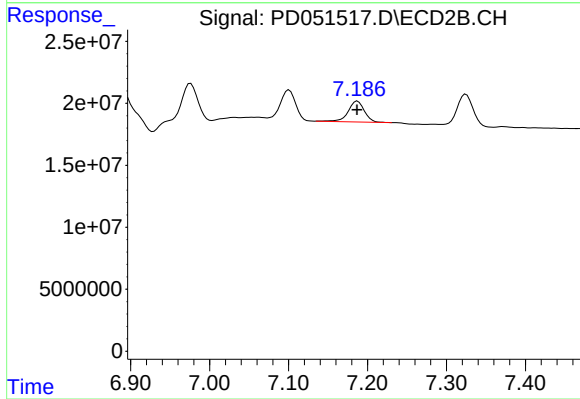
R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 59043414
Conc: 2.40 ng/ml



#17 4,4'-DDT

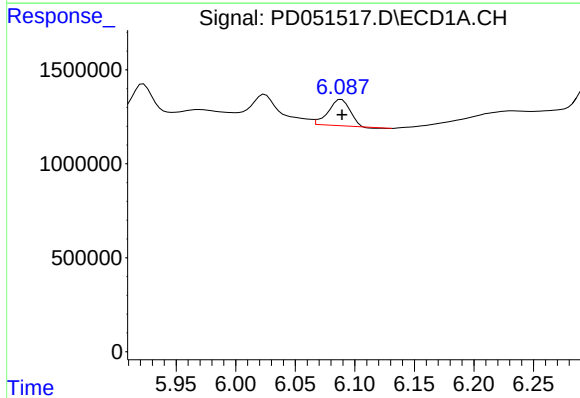
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 2622864
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



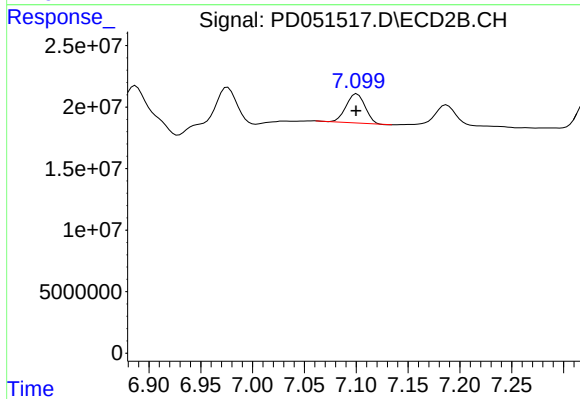
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 23598502
Conc: 1.16 ng/ml



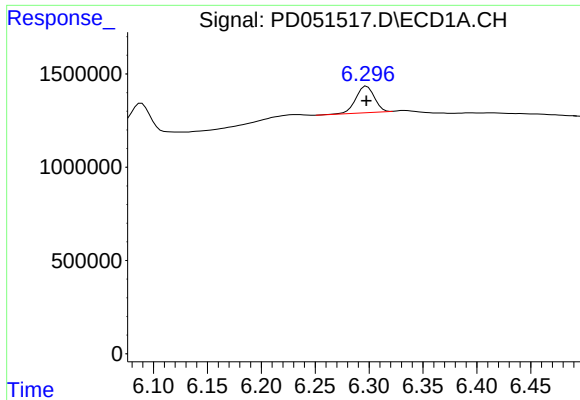
#18 Endrin aldehyde

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 1676676
Conc: 1.13 ng/ml



#18 Endrin aldehyde

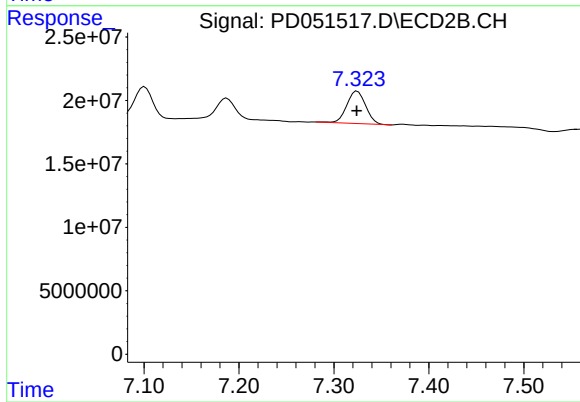
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 30284378
Conc: 1.41 ng/ml



#19 Endosulfan Sulfate

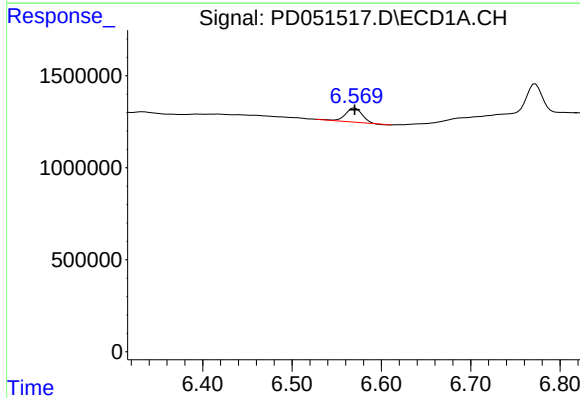
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 1695823
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



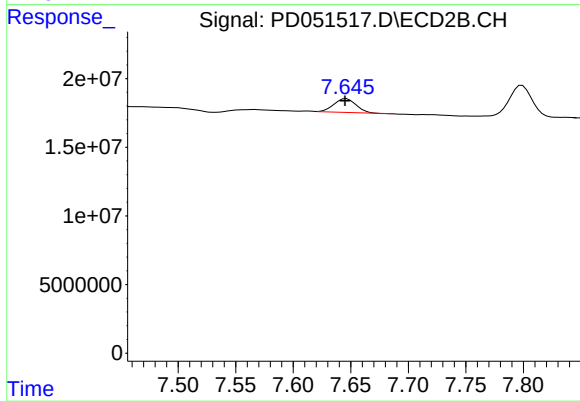
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 35273479
Conc: 1.50 ng/ml



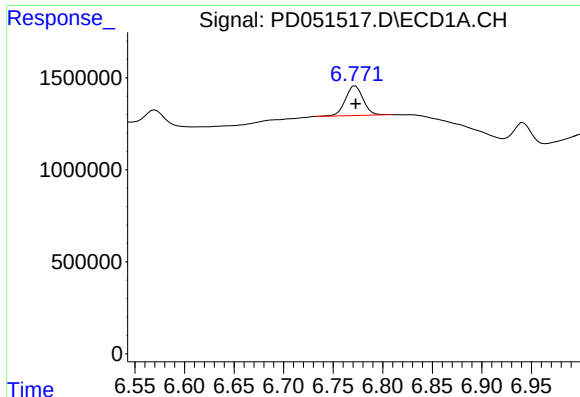
#20 Methoxychlor

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 946527
Conc: 1.07 ng/ml



#20 Methoxychlor

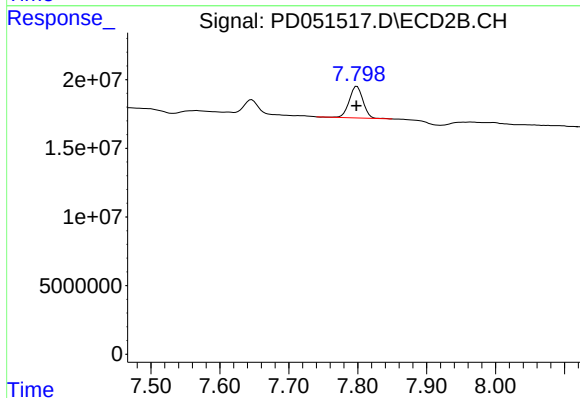
R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 13362495
Conc: 1.21 ng/ml



#21 Endrin ketone

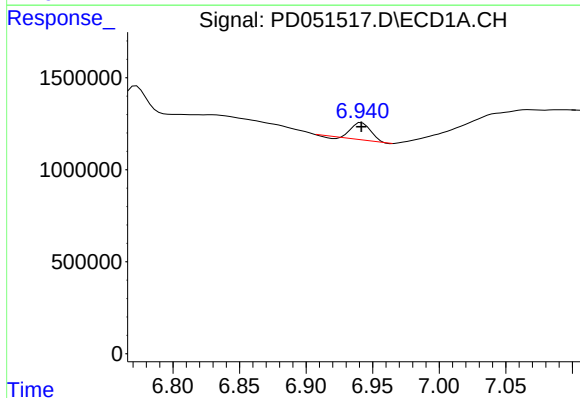
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 2025826
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



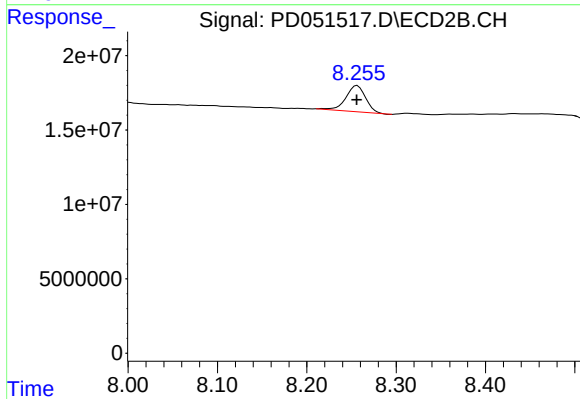
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.001 min
Response: 31689837
Conc: 1.40 ng/ml



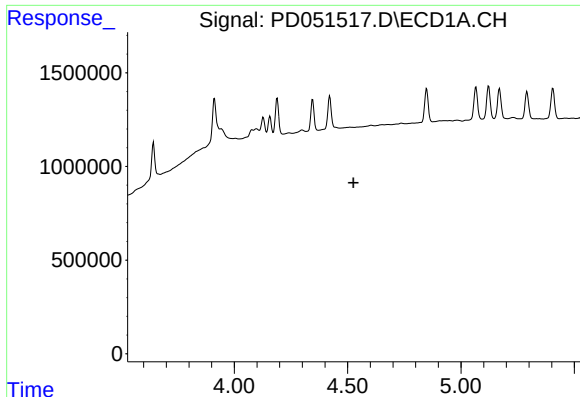
#22 Mirex

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 885630
Conc: 0.70 ng/ml



#22 Mirex

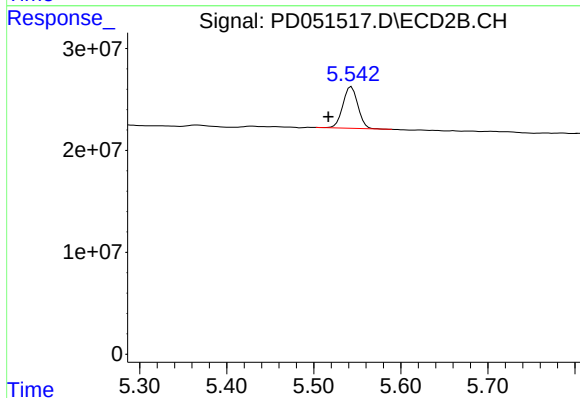
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 26535811
Conc: 1.71 ng/ml



#24 Chlordane-2

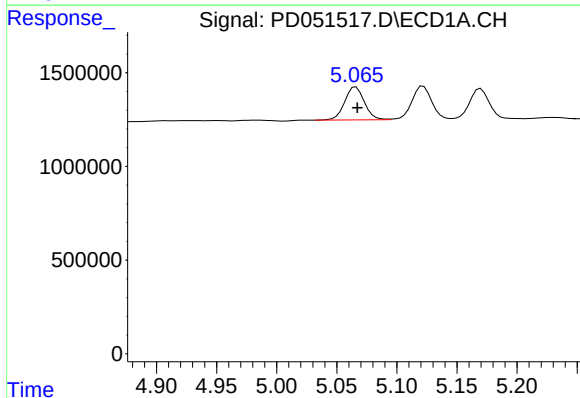
R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



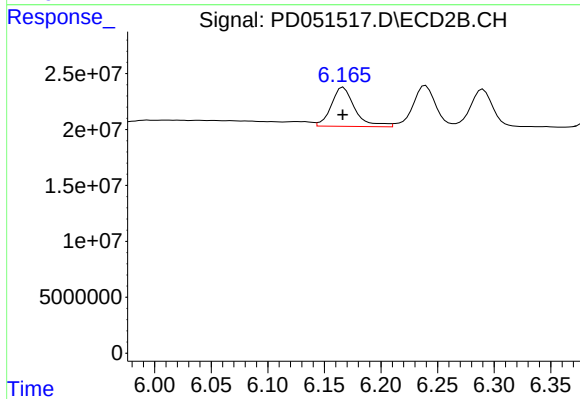
#24 Chlordane-2

R.T.: 5.543 min
Delta R.T.: 0.026 min
Response: 48716292
Conc: 34.36 ng/ml



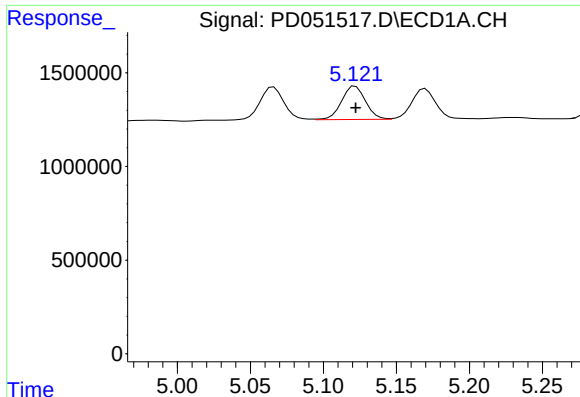
#25 Chlordane-3

R.T.: 5.066 min
Delta R.T.: -0.001 min
Response: 2015323
Conc: 8.66 ng/ml



#25 Chlordane-3

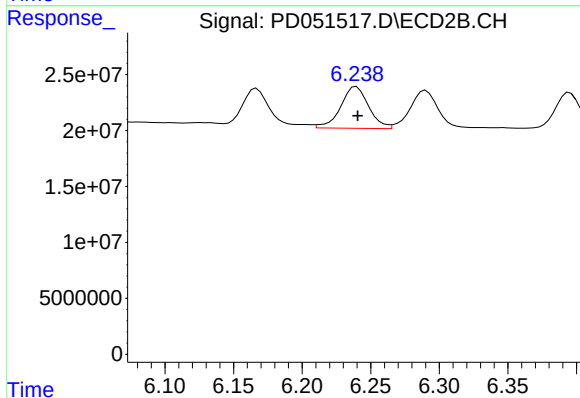
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 50997606
Conc: 11.45 ng/ml



#26 Chlordane-4

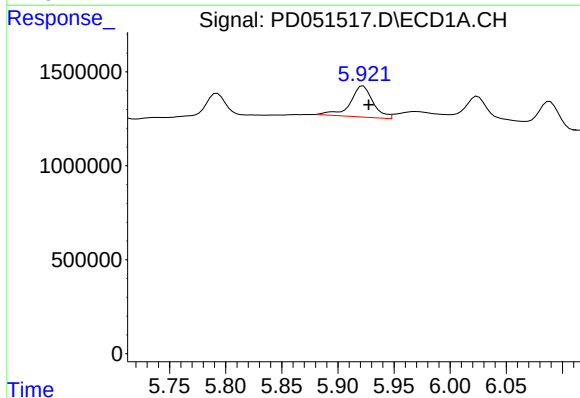
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 2028564
Conc: 9.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



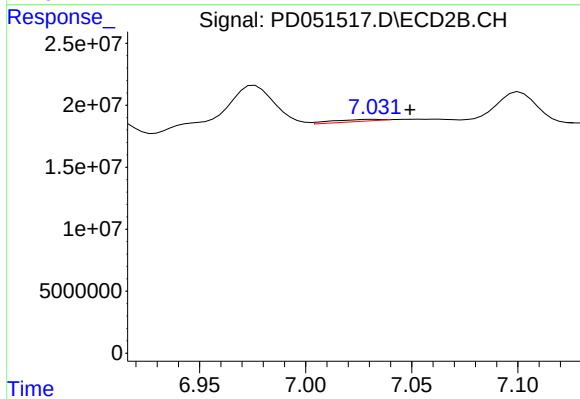
#26 Chlordane-4

R.T.: 6.240 min
Delta R.T.: -0.001 min
Response: 53108951
Conc: 10.14 ng/ml



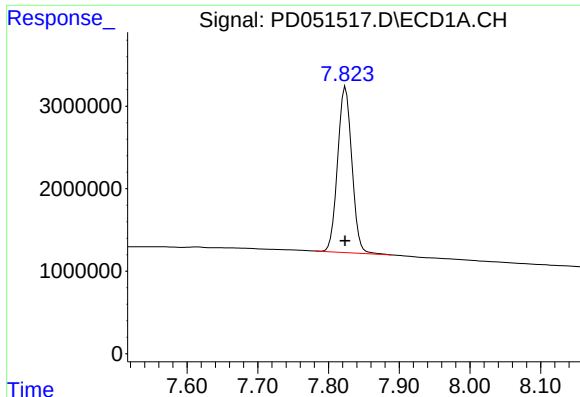
#27 Chlordane-5

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 2354796
Conc: 32.78 ng/ml



#27 Chlordane-5

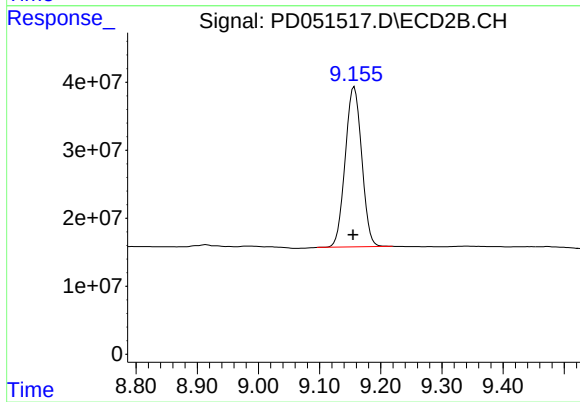
R.T.: 7.032 min
Delta R.T.: -0.017 min
Response: 2533083
Conc: 2.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 28084258
Conc: 24.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



#28 Decachlorobiphenyl

R.T.: 9.157 min
Delta R.T.: 0.002 min
Response: 441732538
Conc: 24.18 ng/ml