

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052618.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 16:42
 Operator : AJ\SJ
 Sample : K1560-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 19 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: Apr 04 06:57:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 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...	3.220	4.043	28477134	617.1E6	20.408	21.292
28)	SA Decachlor...	7.817	9.161	30557188	392.9E6	22.928	25.263
Target Compounds							
2)	A alpha-BHC	3.640	4.435	4863841	134.3E6	2.140	2.983 #
3)	MA gamma-BHC...	3.909	4.723	8081931	119.1E6	3.696	2.960
4)	MA Heptachlor	4.185	5.236	5354511	122.2E6	2.522	3.081
5)	MB Aldrin	4.417	5.543	5002144	113.6E6	2.484	3.068
6)	B beta-BHC	4.155	4.894	2411784	62738248	2.733	3.467 #
7)	B delta-BHC	4.343	5.113	4097609	43235131	2.009	1.314 #
8)	B Heptachlor...	4.844	5.930	4941442	98659656	2.600	3.057
9)	A Endosulfan I	5.165	6.290	4602544	94131446	2.575	3.222 #
10)	B gamma-Chl...	5.061	6.167	4962723	103.4E6	2.545	3.232 #
11)	B alpha-Chl...	5.118	6.239	5080736	102.3E6	2.632	3.258
12)	B 4,4'-DDE	5.287	6.396	4257313	93103124	2.283	3.050 #
13)	MA Dieldrin	5.401	6.548	4764324	94815688	2.464	3.170 #
14)	MA Endrin	5.648	6.768	4512896	80645901	2.451	3.218 #
15)	B Endosulfa...	5.918	6.978	4558563	81869779	2.656	3.286
16)	A 4,4'-DDD	5.788	6.889	3732864	76695734	2.442	3.207 #
17)	MA 4,4'-DDT	6.019	7.190	3140664	46341889	2.183	2.487
18)	B Endrin al...	6.084	7.102	3680525	72812556	2.567	3.537 #
19)	B Endosulfa...	6.293	7.326	4505276	73044330	2.938	3.320
20)	A Methoxychlor	6.564	7.648	2122984	28745706	2.513	2.874
21)	B Endrin ke...	6.768	7.801	4736905	64506223	2.604	3.148
22)	Mirex	6.936	8.259	3019870	44641190	2.465	3.462 #
24)	Chlordane-2	0.000	5.543f	0	113.6E6	N.D.	81.125 #
25)	Chlordane-3	5.061	6.167	4962723	103.4E6	22.442	23.435
26)	Chlordane-4	5.118	6.239	5080736	102.3E6	23.955	20.108
27)	Chlordane-5	5.918	0.000	4558563	0	70.096	N.D. #

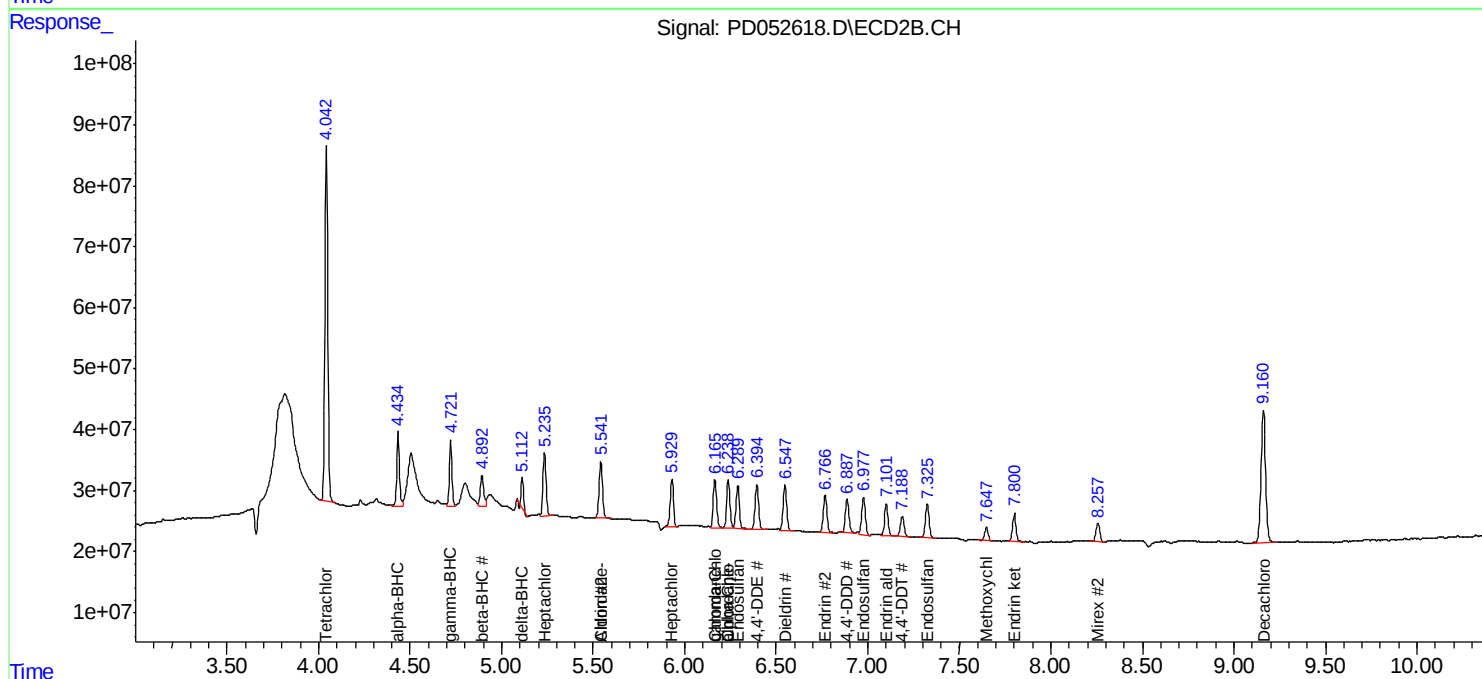
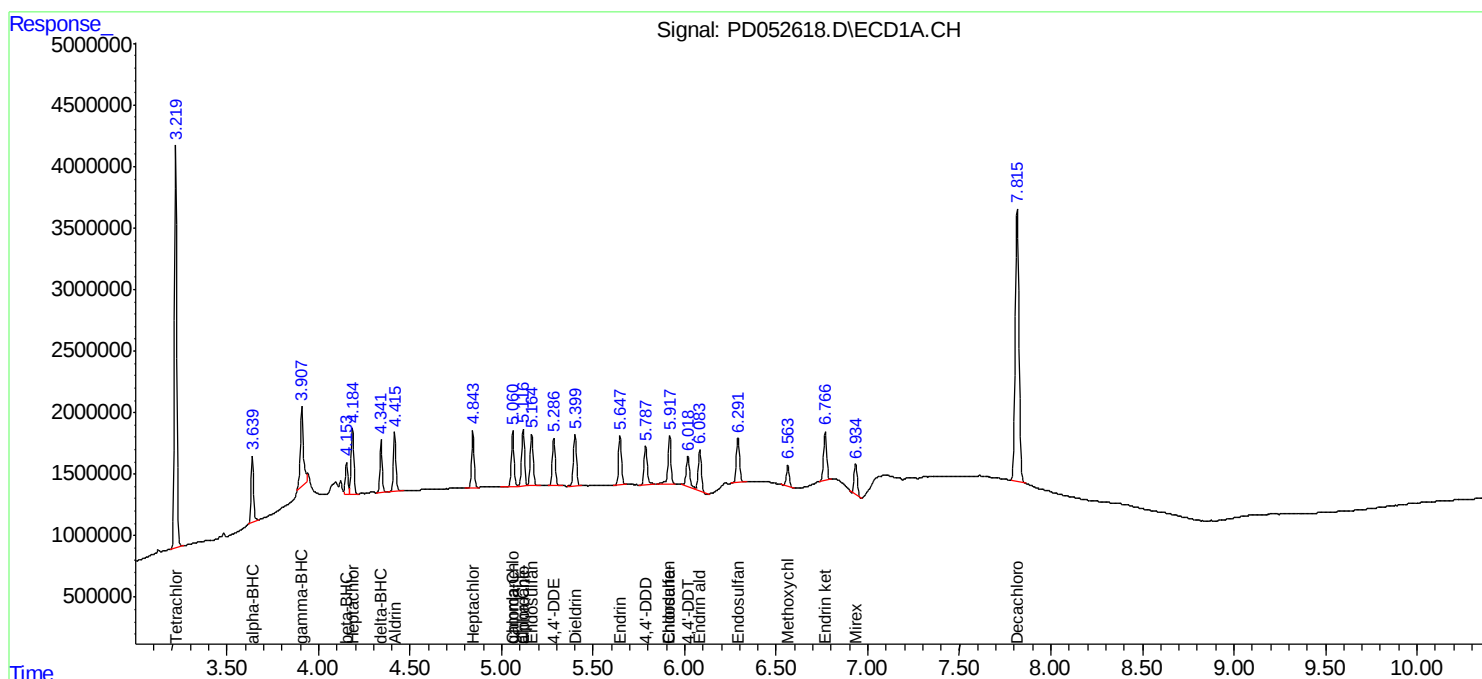
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

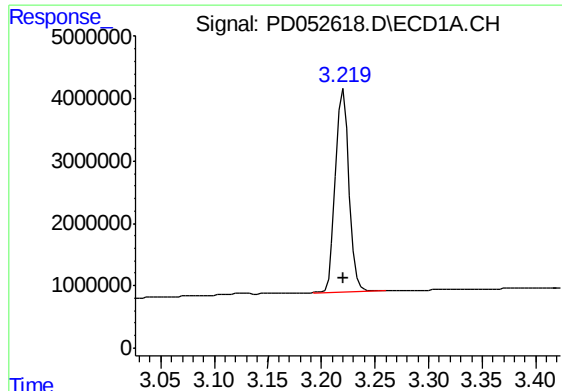
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
Data File : PD052618.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2019 16:42
Operator : AJ\SJ
Sample : K1560-07
Misc : PEST LOD 2.5 PPB
ALS Vial : 19 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 06:57:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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

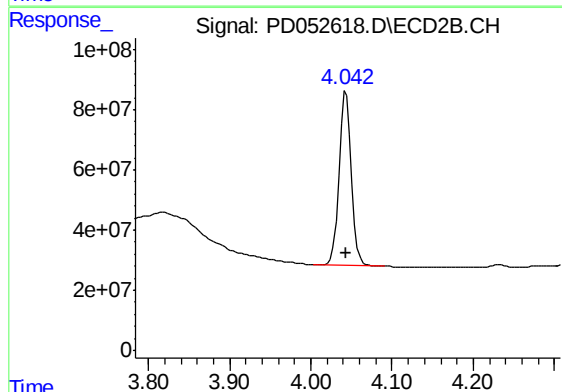




#1 Tetrachloro-m-xylene

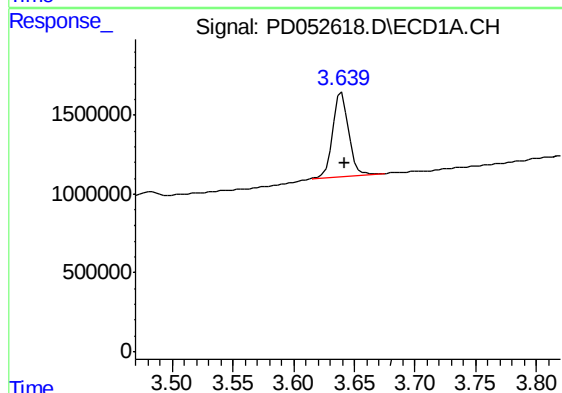
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 28477134
Conc: 20.41 ng/ml

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



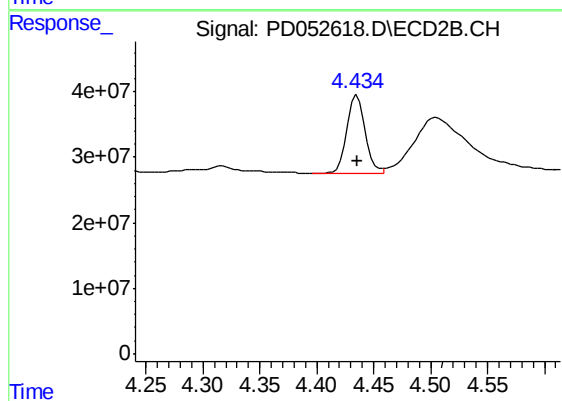
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 617132995
Conc: 21.29 ng/ml



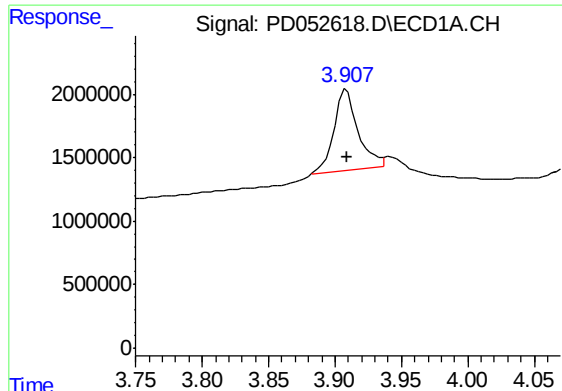
#2 alpha-BHC

R.T.: 3.640 min
Delta R.T.: -0.002 min
Response: 4863841
Conc: 2.14 ng/ml



#2 alpha-BHC

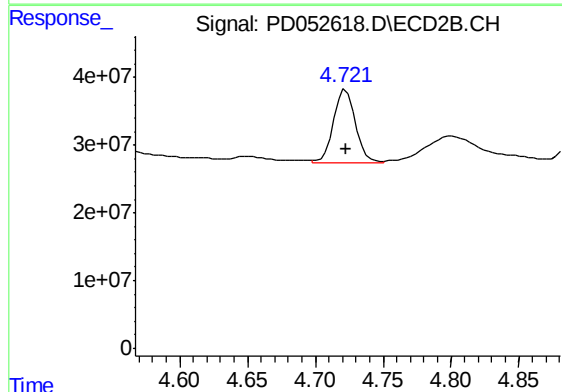
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 134276147
Conc: 2.98 ng/ml



#3 gamma-BHC (Lindane)

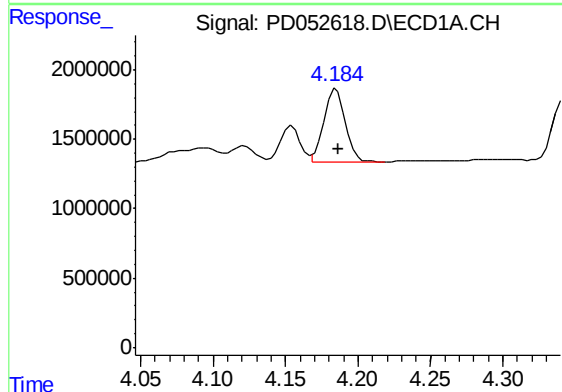
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 8081931
Conc: 3.70 ng/ml

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



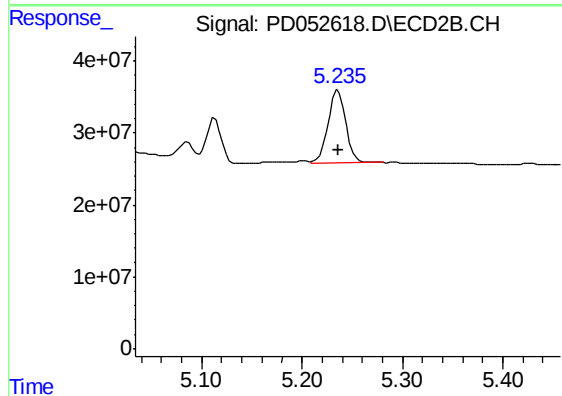
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 119063571
Conc: 2.96 ng/ml



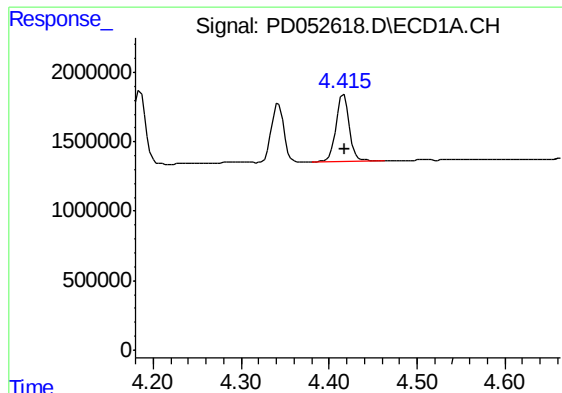
#4 Heptachlor

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 5354511
Conc: 2.52 ng/ml



#4 Heptachlor

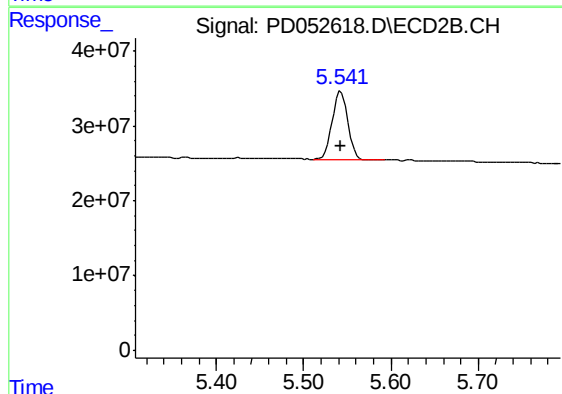
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 122230448
Conc: 3.08 ng/ml



#5 Aldrin

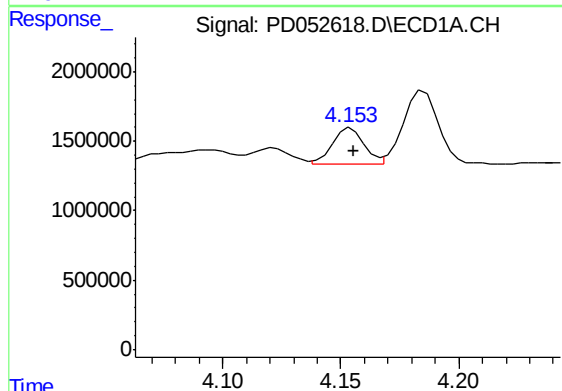
R.T.: 4.417 min
Delta R.T.: -0.002 min
Response: 5002144
Conc: 2.48 ng/ml

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



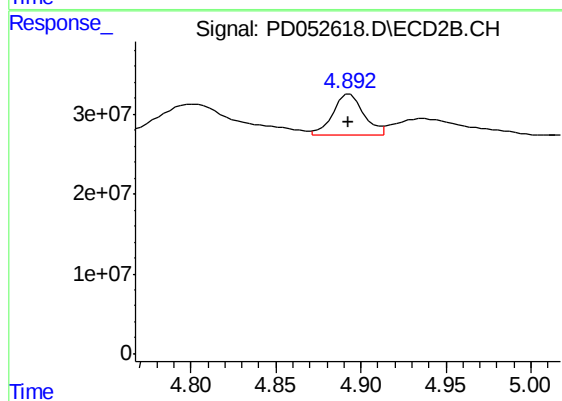
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 113613762
Conc: 3.07 ng/ml



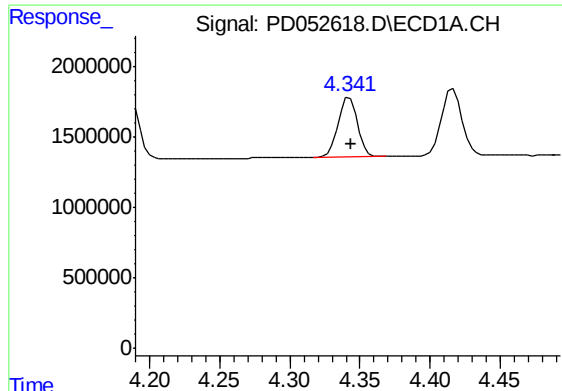
#6 beta-BHC

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 2411784
Conc: 2.73 ng/ml



#6 beta-BHC

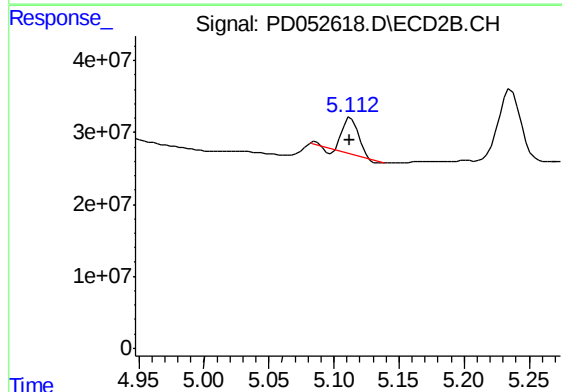
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 62738248
Conc: 3.47 ng/ml



#7 delta-BHC

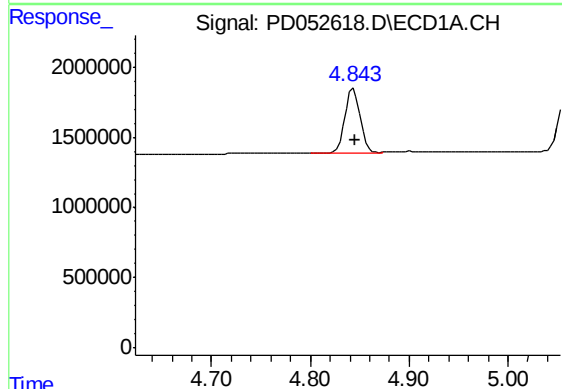
R.T.: 4.343 min
Delta R.T.: -0.001 min
Response: 4097609
Conc: 2.01 ng/ml

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



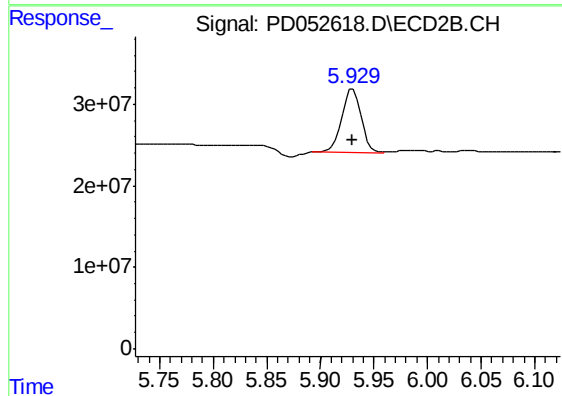
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 43235131
Conc: 1.31 ng/ml



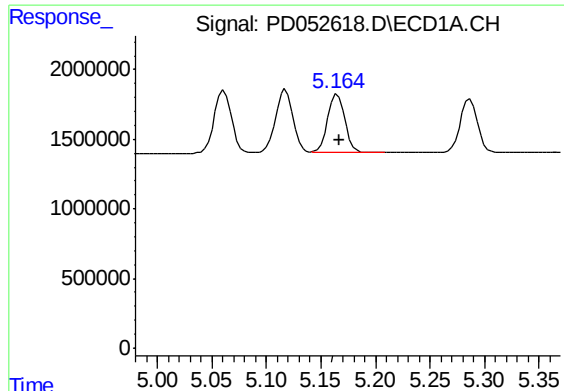
#8 Heptachlor epoxide

R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 4941442
Conc: 2.60 ng/ml



#8 Heptachlor epoxide

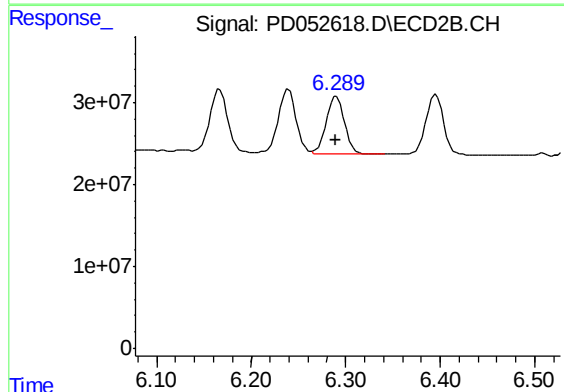
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 98659656
Conc: 3.06 ng/ml



#9 Endosulfan I

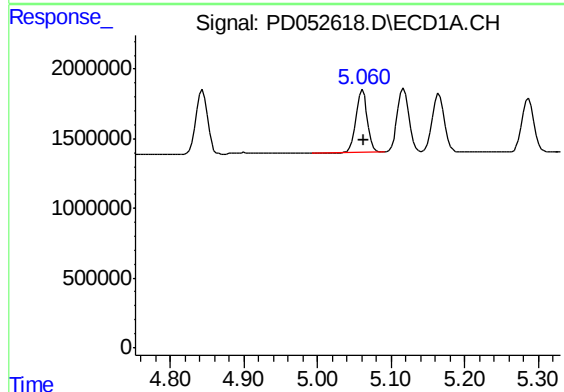
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 4602544
Conc: 2.58 ng/ml

Instrument :
ECD_D
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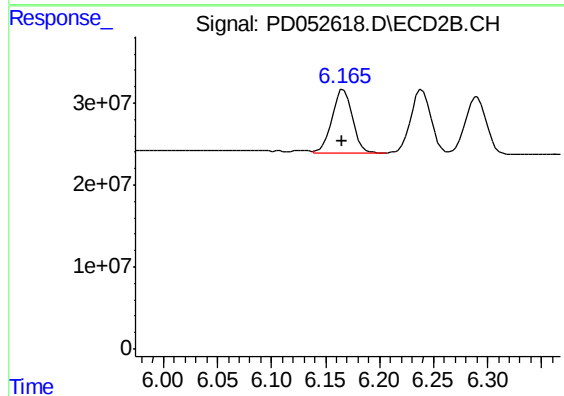
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 94131446
Conc: 3.22 ng/ml



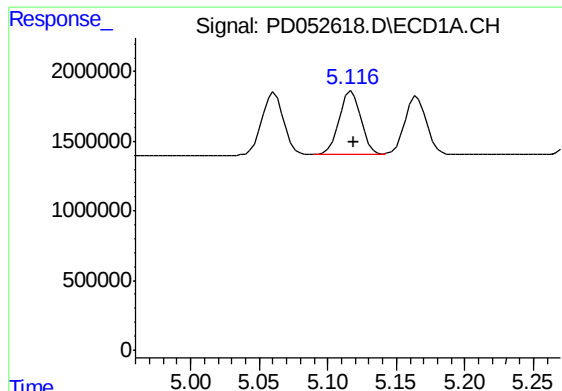
#10 gamma-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 4962723
Conc: 2.55 ng/ml



#10 gamma-Chlordane

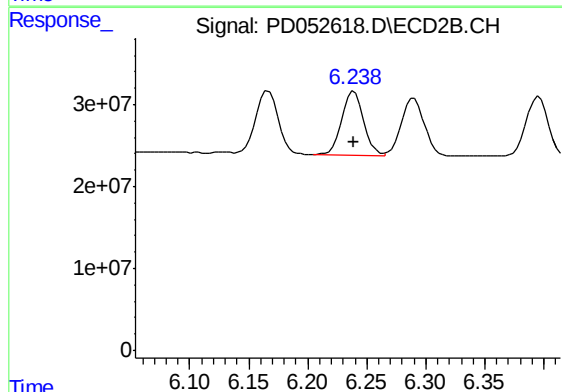
R.T.: 6.167 min
Delta R.T.: 0.001 min
Response: 103412858
Conc: 3.23 ng/ml



#11 alpha-Chlordane

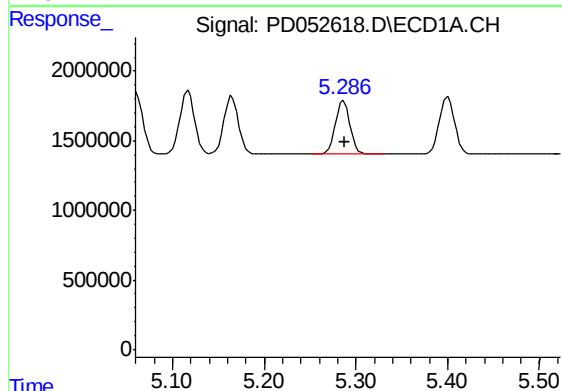
R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 5080736
Conc: 2.63 ng/ml

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



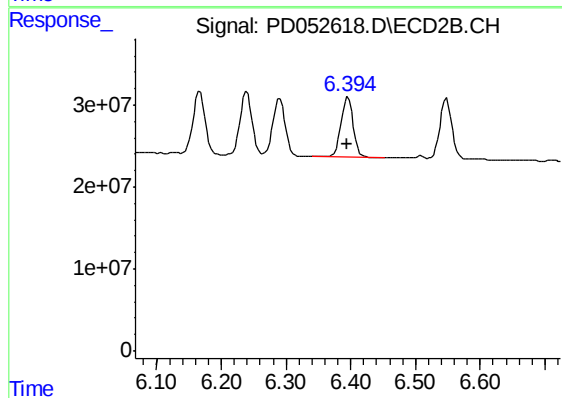
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 102253212
Conc: 3.26 ng/ml



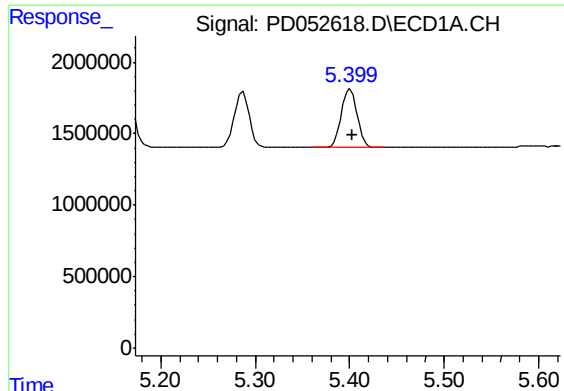
#12 4,4'-DDE

R.T.: 5.287 min
Delta R.T.: -0.001 min
Response: 4257313
Conc: 2.28 ng/ml



#12 4,4'-DDE

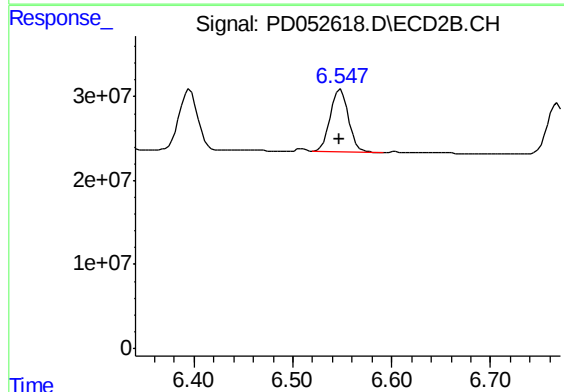
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 93103124
Conc: 3.05 ng/ml



#13 Dielddrin

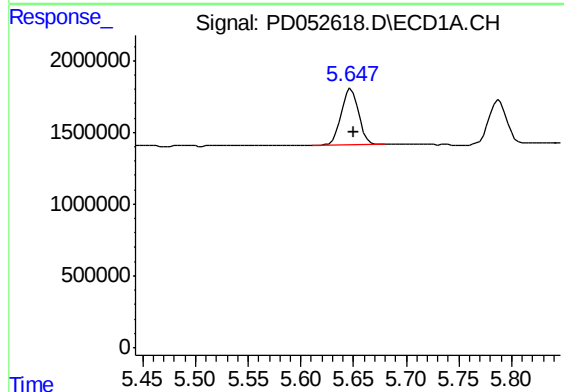
R.T.: 5.401 min
Delta R.T.: -0.002 min
Response: 4764324
Conc: 2.46 ng/ml

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



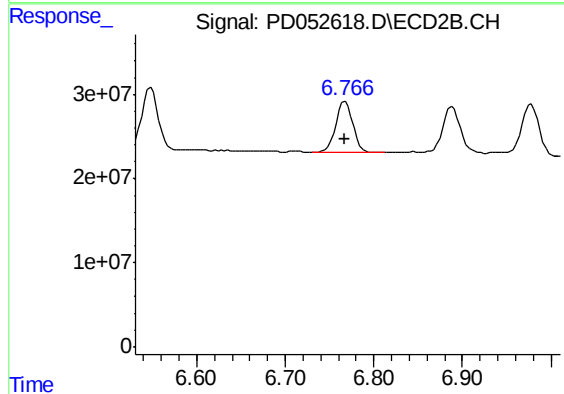
#13 Dielddrin

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 94815688
Conc: 3.17 ng/ml



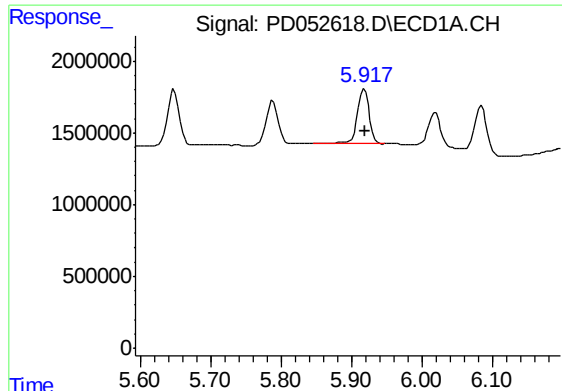
#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 4512896
Conc: 2.45 ng/ml



#14 Endrin

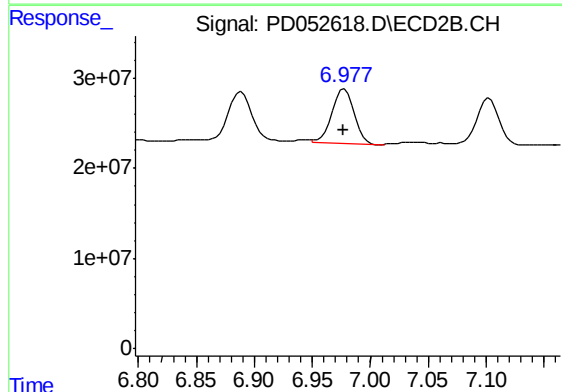
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 80645901
Conc: 3.22 ng/ml



#15 Endosulfan II

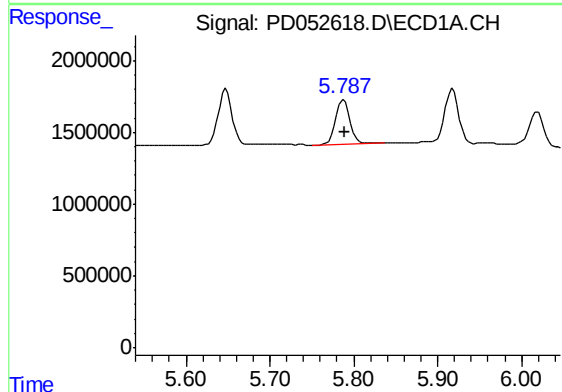
R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 4558563
Conc: 2.66 ng/ml

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



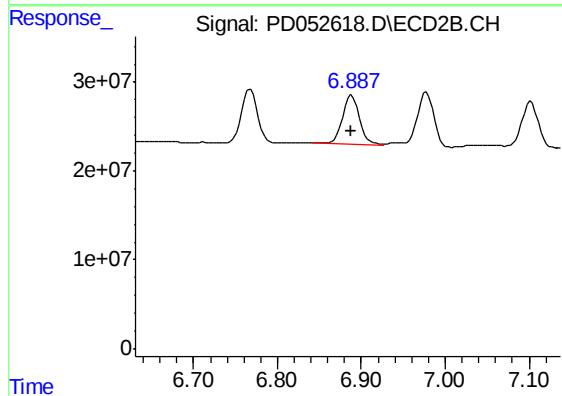
#15 Endosulfan II

R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 81869779
Conc: 3.29 ng/ml



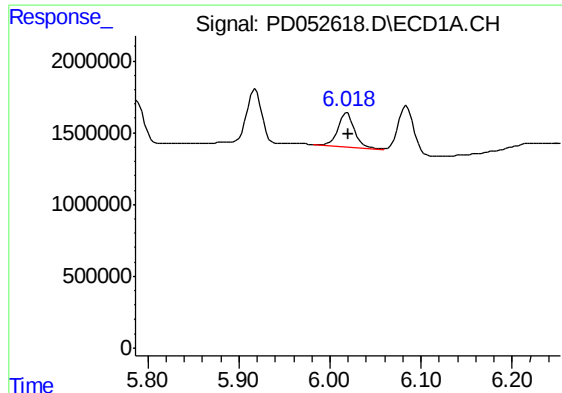
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 3732864
Conc: 2.44 ng/ml



#16 4,4'-DDD

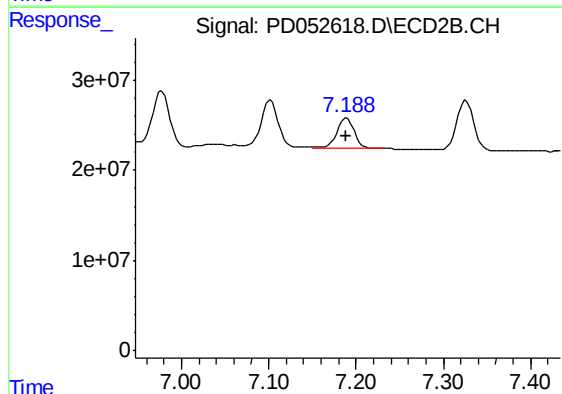
R.T.: 6.889 min
Delta R.T.: 0.001 min
Response: 76695734
Conc: 3.21 ng/ml



#17 4,4'-DDT

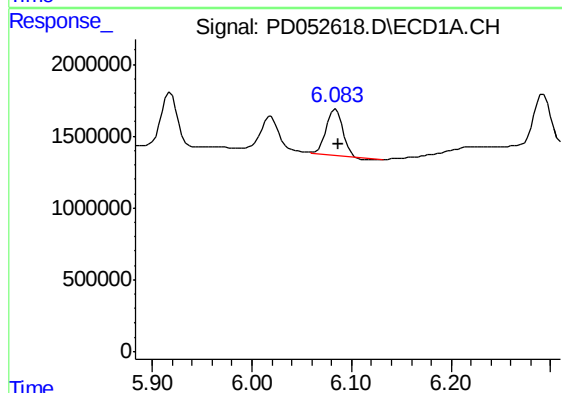
R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 3140664
Conc: 2.18 ng/ml

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



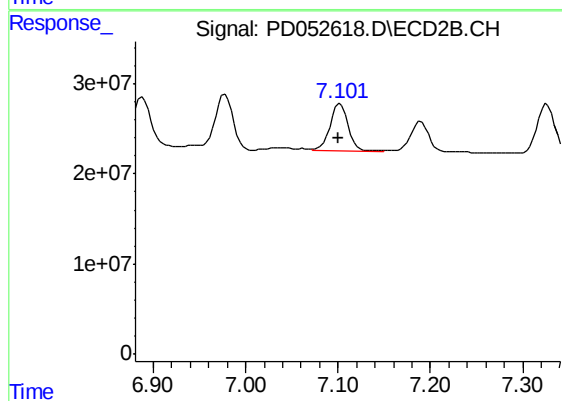
#17 4,4'-DDT

R.T.: 7.190 min
Delta R.T.: 0.001 min
Response: 46341889
Conc: 2.49 ng/ml



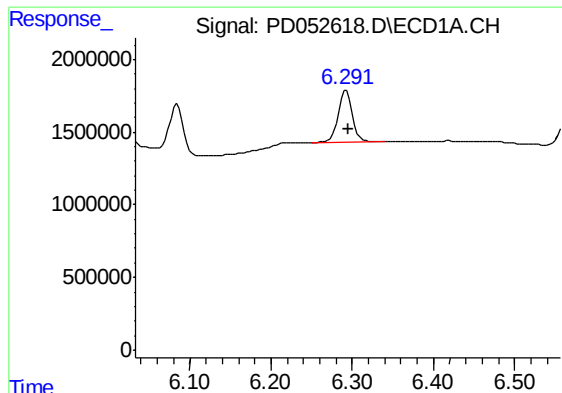
#18 Endrin aldehyde

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 3680525
Conc: 2.57 ng/ml



#18 Endrin aldehyde

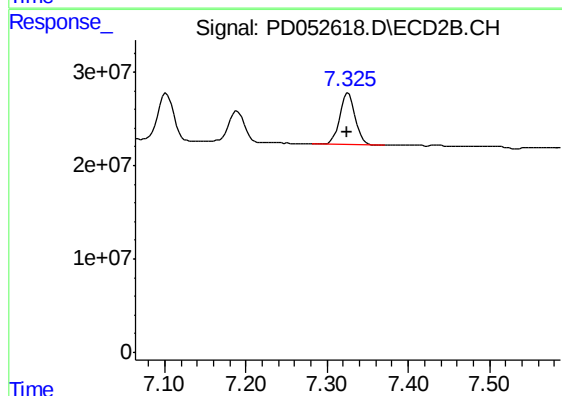
R.T.: 7.102 min
Delta R.T.: 0.002 min
Response: 72812556
Conc: 3.54 ng/ml



#19 Endosulfan Sulfate

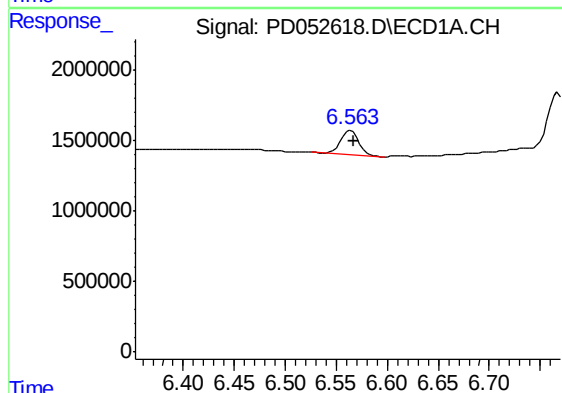
R.T.: 6.293 min
Delta R.T.: -0.002 min
Response: 4505276
Conc: 2.94 ng/ml

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



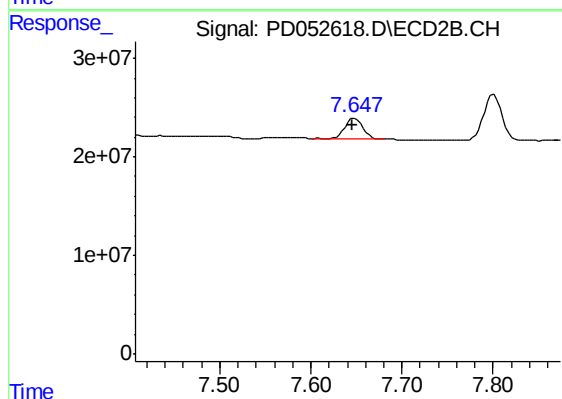
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 73044330
Conc: 3.32 ng/ml



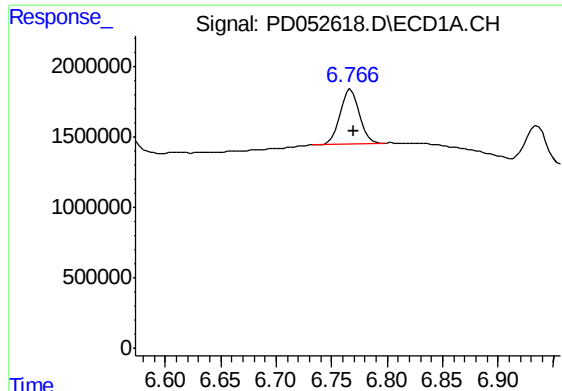
#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 2122984
Conc: 2.51 ng/ml



#20 Methoxychlor

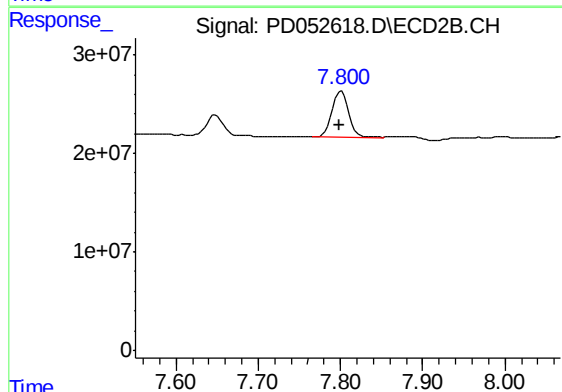
R.T.: 7.648 min
Delta R.T.: 0.002 min
Response: 28745706
Conc: 2.87 ng/ml



#21 Endrin ketone

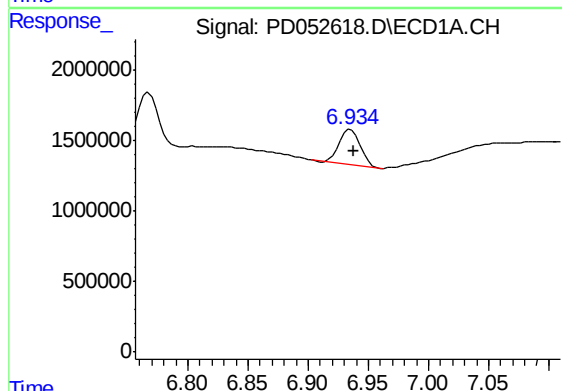
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 4736905
Conc: 2.60 ng/ml

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



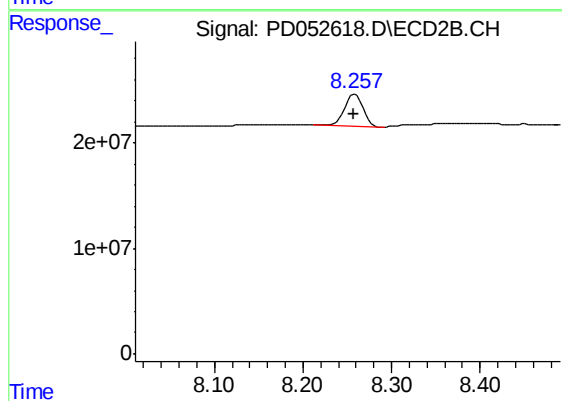
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 64506223
Conc: 3.15 ng/ml



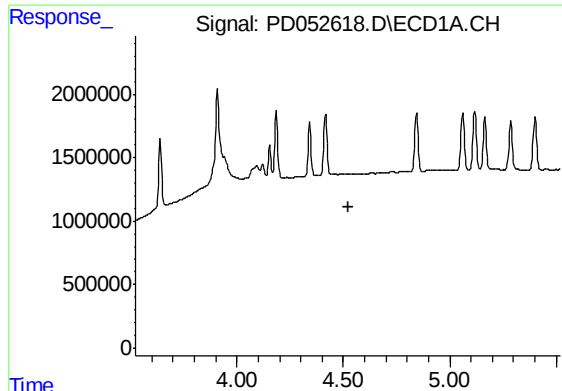
#22 Mirex

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 3019870
Conc: 2.47 ng/ml



#22 Mirex

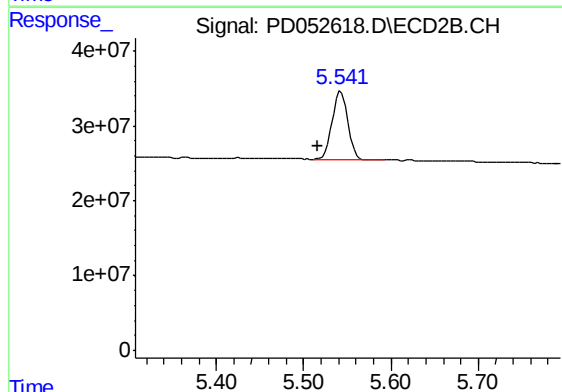
R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 44641190
Conc: 3.46 ng/ml



#24 Chlordane-2

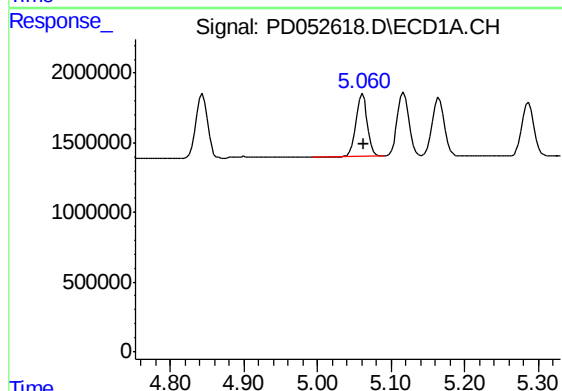
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

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



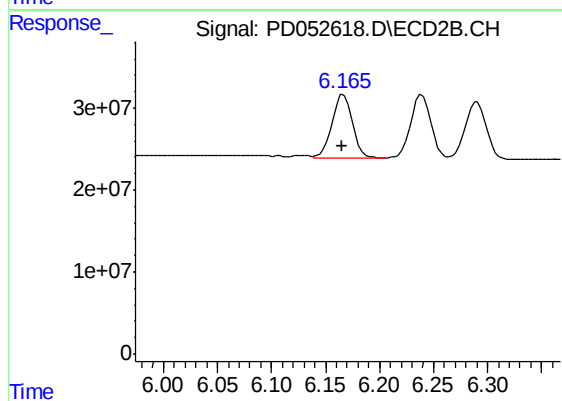
#24 Chlordane-2

R.T.: 5.543 min
Delta R.T.: 0.027 min
Response: 113613762
Conc: 81.13 ng/ml



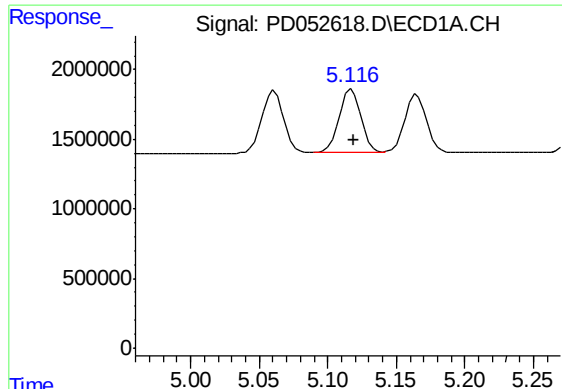
#25 Chlordane-3

R.T.: 5.061 min
Delta R.T.: -0.003 min
Response: 4962723
Conc: 22.44 ng/ml



#25 Chlordane-3

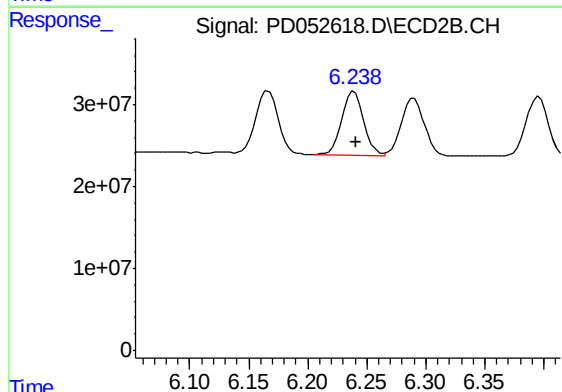
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 103412858
Conc: 23.43 ng/ml



#26 Chlordane-4

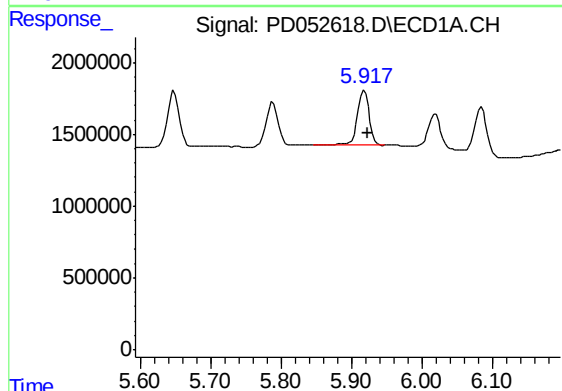
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 5080736
Conc: 23.96 ng/ml

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



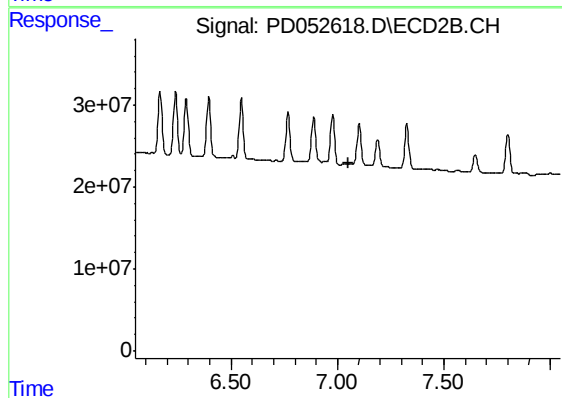
#26 Chlordane-4

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 102253212
Conc: 20.11 ng/ml



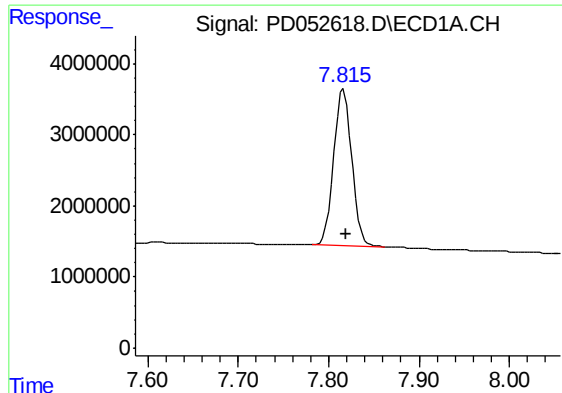
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 4558563
Conc: 70.10 ng/ml



#27 Chlordane-5

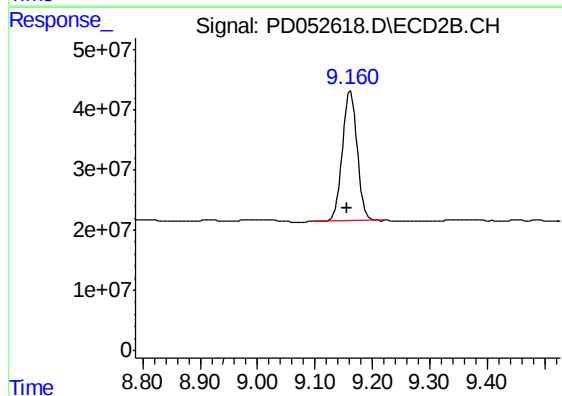
R.T.: 0.000 min
Exp R.T. : 7.050 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.817 min
Delta R.T.: -0.002 min
Response: 30557188
Conc: 22.93 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.005 min
Response: 392870308
Conc: 25.26 ng/ml