

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052617.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 16:28
 Operator : AJ\SJ
 Sample : K1560-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 18 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 06:56:30 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...	3.221	4.043	28493555	620.2E6	20.419	21.399
28)	SA Decachlor...	7.818	9.161	30425533	389.2E6	22.829	25.028
Target Compounds							
2)	A alpha-BHC	3.640	4.435	1963334	58775638	0.864	1.306 #
3)	MA gamma-BHC...	3.909	4.722	6275696	47833900	2.870	1.189 #
4)	MA Heptachlor	4.186	5.235	2014385	62990124	0.949	1.588 #
5)	MB Aldrin	4.417	5.543	1976931	47325256	0.982	1.278 #
6)	B beta-BHC	4.155	4.894	949037	28325166	1.075	1.565 #
7)	B delta-BHC	4.343	5.114	1573301	-5508947	0.771	N.D. #
8)	B Heptachlor...	4.844	5.929	1901530	39045376	1.001	1.210
9)	A Endosulfan I	5.166	6.290	1721268	38307220	0.963	1.311 #
10)	B gamma-Chl...	5.062	6.166	1786423	44722126	0.916	1.398 #
11)	B alpha-Chl...	5.117	6.240	1934585	43450967	1.002	1.384 #
12)	B 4,4'-DDE	5.287	6.395	1549327	38003726	0.831	1.245 #
13)	MA Dieldrin	5.401	6.548	1777223	37841050	0.919	1.265 #
14)	MA Endrin	5.648	6.768	1660387	32075382	0.902	1.280 #
15)	B Endosulfa...	5.918	6.978	1637449	38183002	0.954	1.532 #
16)	A 4,4'-DDD	5.789	6.888	1360478	34932792	0.890	1.461 #
17)	MA 4,4'-DDT	6.019	7.188	1318513	16407857	0.917	0.881
18)	B Endrin al...	6.084	7.102	1237780	32184840	0.863	1.563 #
19)	B Endosulfa...	6.293	7.327	1817940	30445848	1.186	1.384
20)	A Methoxychlor	0.000	7.649	0	10300119	N.D.	1.030 #
21)	B Endrin ke...	6.768	7.801	1861449	25423902	1.023	1.241
22)	Mirex	0.000	8.259	0	19160850	N.D.	1.486 #
24)	Chlordane-2	0.000	5.543f	0	47325256	N.D.	33.792 #
25)	Chlordane-3	5.062	6.166	1786423	44722126	8.078	10.135 #
26)	Chlordane-4	5.117	6.240	1934585	43450967	9.121	8.545
27)	Chlordane-5	5.918	7.033f	1637449	3669544	25.179	3.977 #

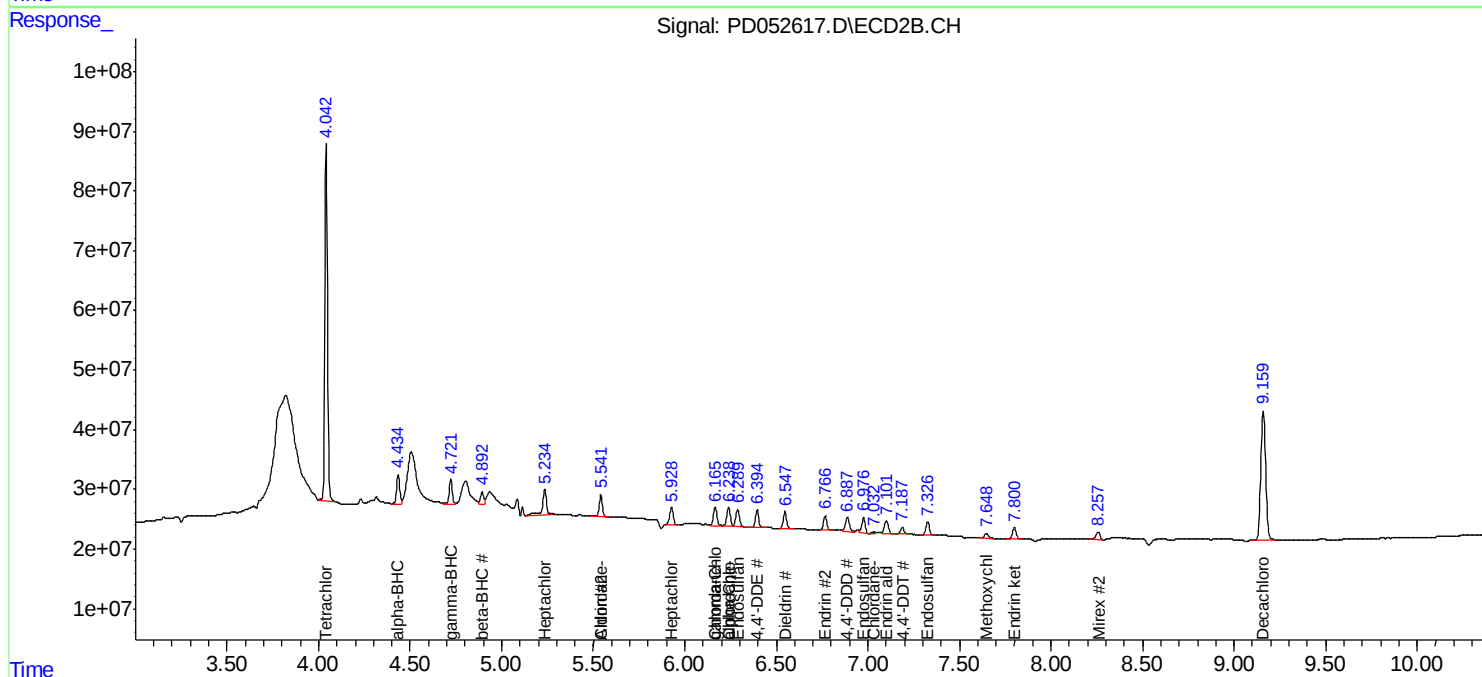
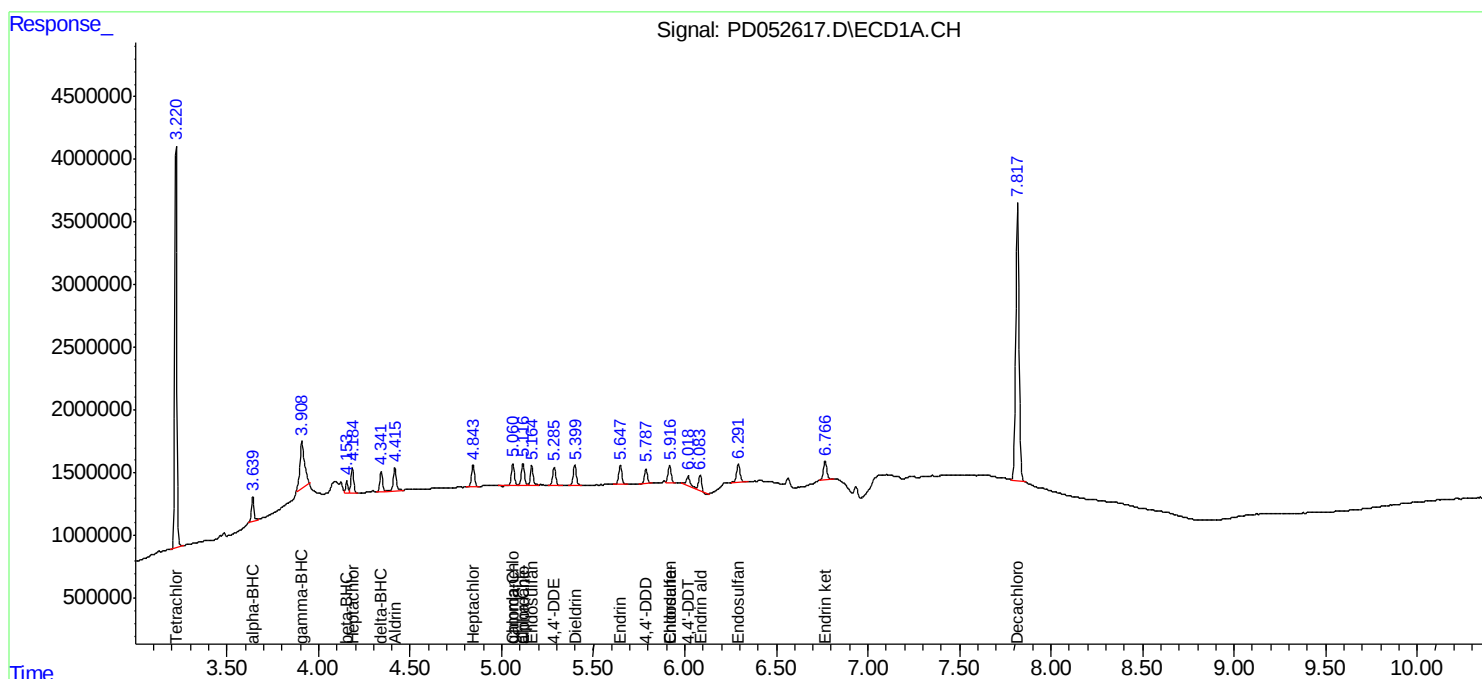
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

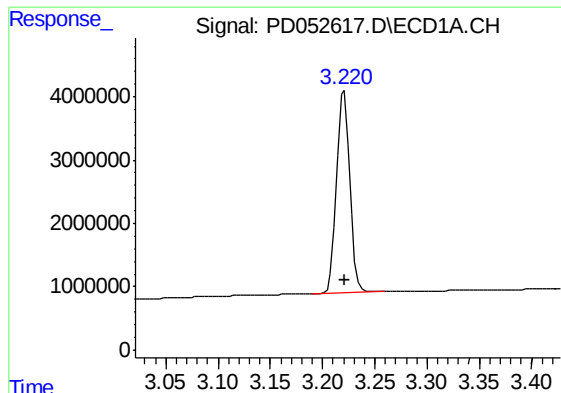
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
Data File : PD052617.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2019 16:28
Operator : AJ\SJ
Sample : K1560-07
Misc : PEST LOD 1 PPB
ALS Vial : 18 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 06:56:30 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

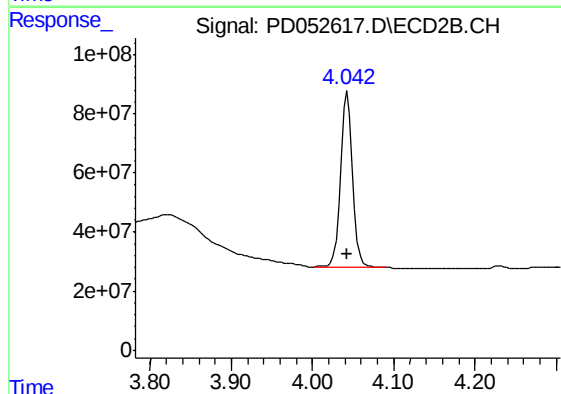




#1 Tetrachloro-m-xylene

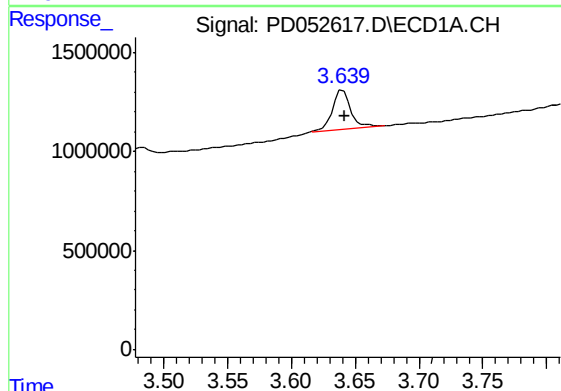
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 28493555
Conc: 20.42 ng/ml

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



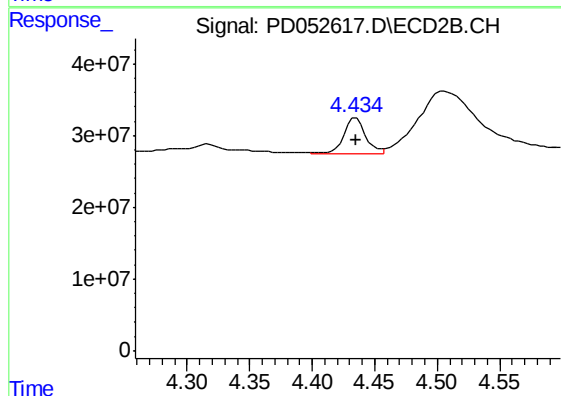
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 620235605
Conc: 21.40 ng/ml



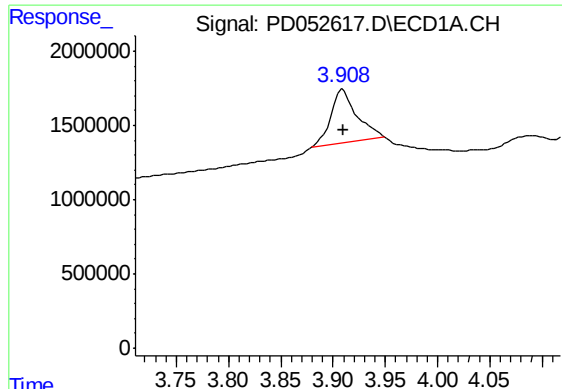
#2 alpha-BHC

R.T.: 3.640 min
Delta R.T.: -0.001 min
Response: 1963334
Conc: 0.86 ng/ml



#2 alpha-BHC

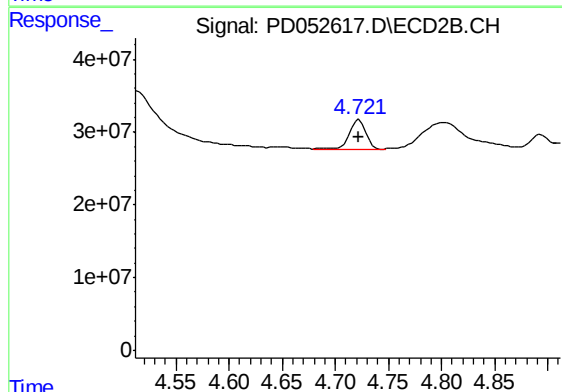
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 58775638
Conc: 1.31 ng/ml



#3 gamma-BHC (Lindane)

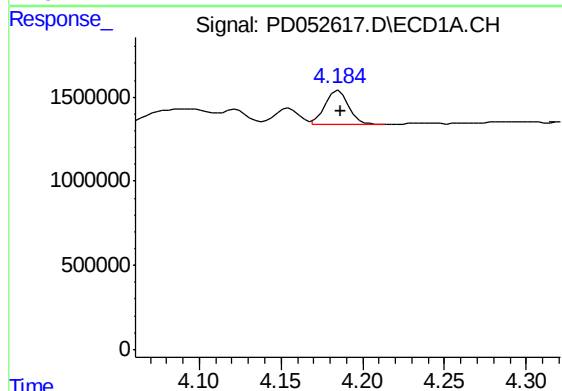
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 6275696
Conc: 2.87 ng/ml

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



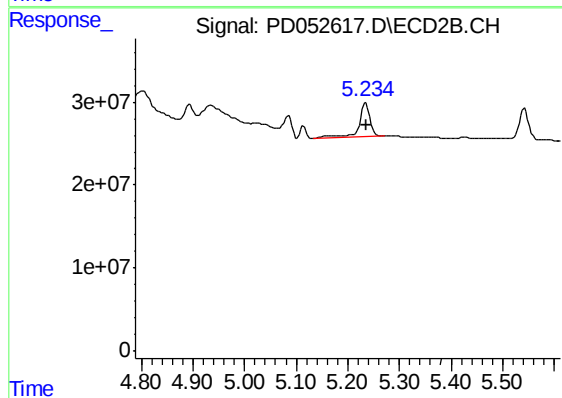
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 47833900
Conc: 1.19 ng/ml



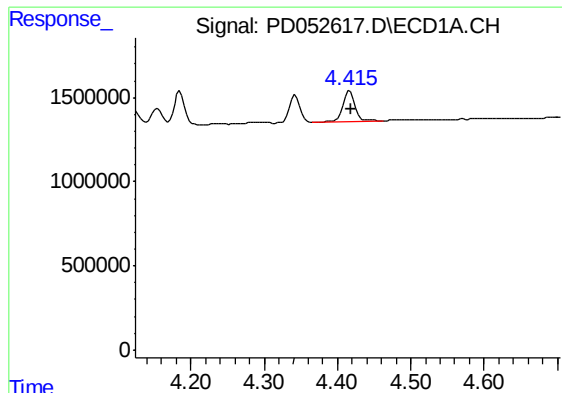
#4 Heptachlor

R.T.: 4.186 min
Delta R.T.: -0.001 min
Response: 2014385
Conc: 0.95 ng/ml



#4 Heptachlor

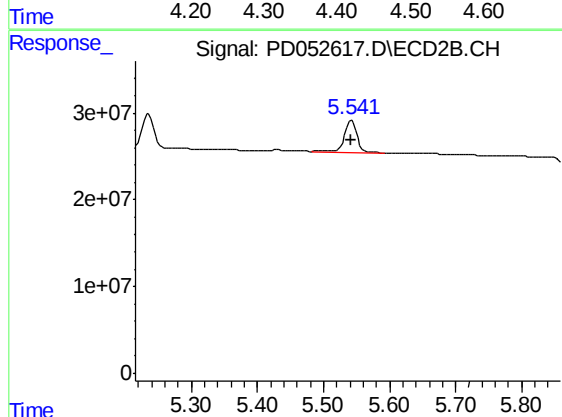
R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 62990124
Conc: 1.59 ng/ml



#5 Aldrin

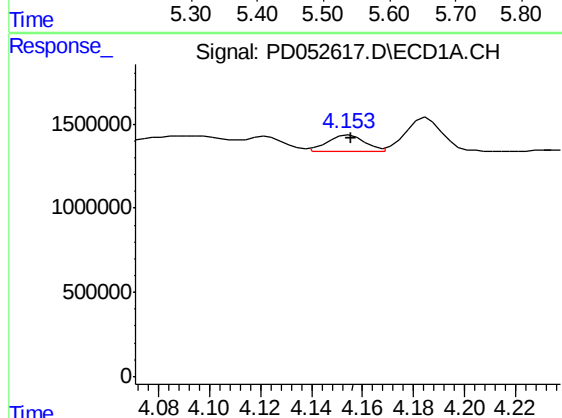
R.T.: 4.417 min
Delta R.T.: -0.002 min
Response: 1976931
Conc: 0.98 ng/ml

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



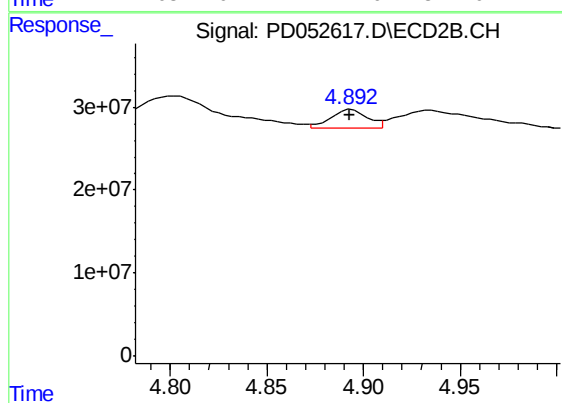
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 47325256
Conc: 1.28 ng/ml



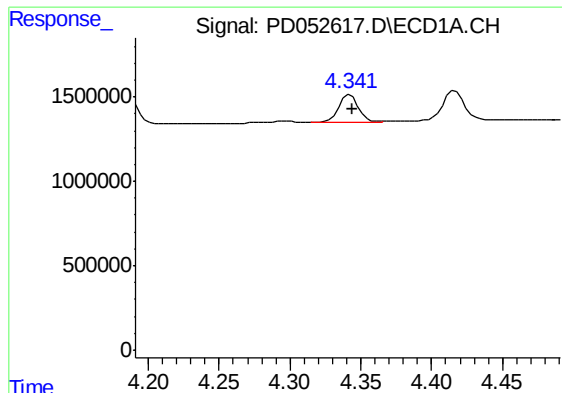
#6 beta-BHC

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 949037
Conc: 1.08 ng/ml



#6 beta-BHC

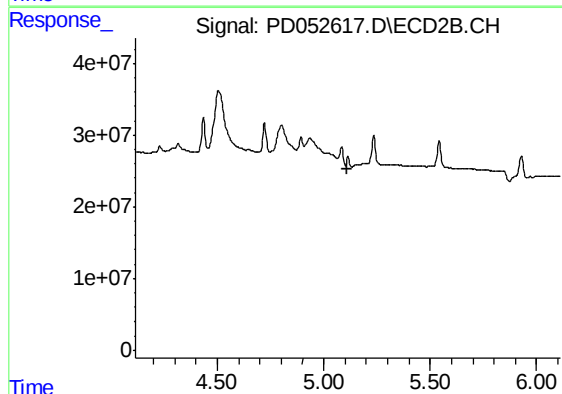
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 28325166
Conc: 1.57 ng/ml



#7 delta-BHC

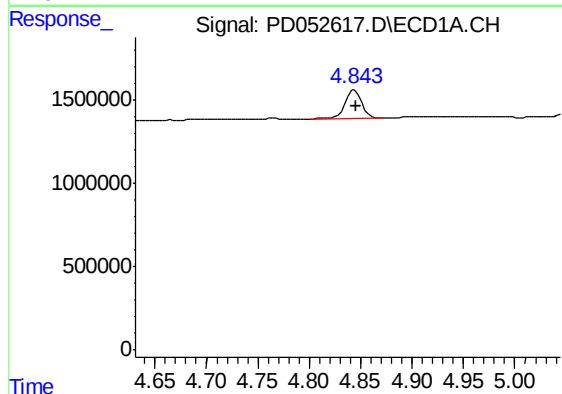
R.T.: 4.343 min
Delta R.T.: -0.001 min
Response: 1573301
Conc: 0.77 ng/ml

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



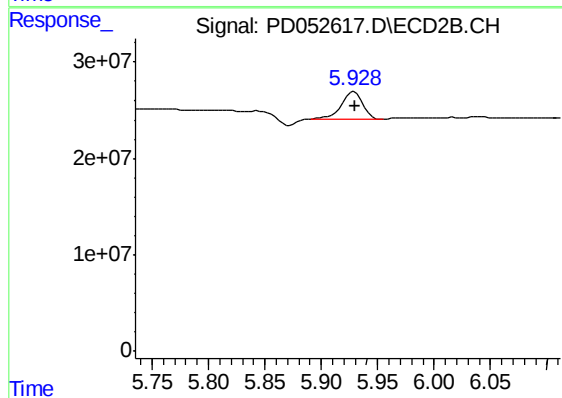
#7 delta-BHC

R.T.: 5.114 min
Delta R.T.: 0.002 min
Response: -5508947
Conc: N.D.



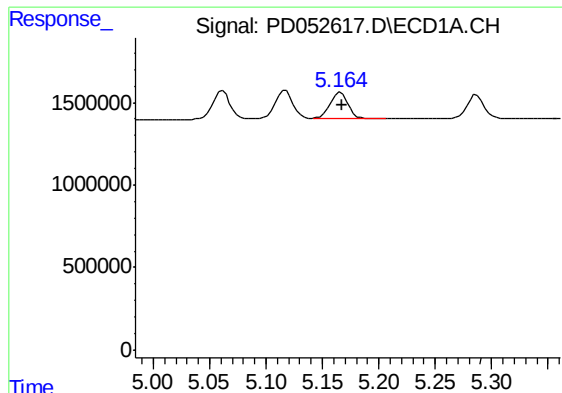
#8 Heptachlor epoxide

R.T.: 4.844 min
Delta R.T.: -0.001 min
Response: 1901530
Conc: 1.00 ng/ml



#8 Heptachlor epoxide

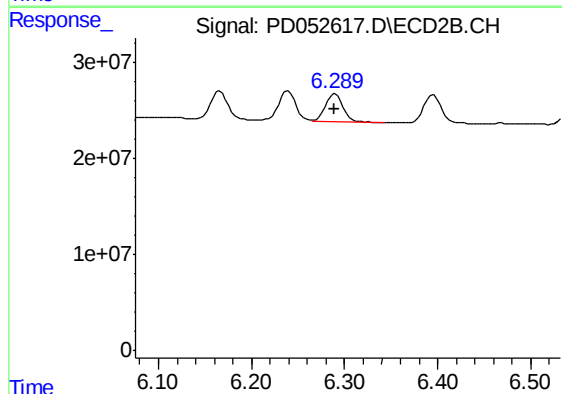
R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 39045376
Conc: 1.21 ng/ml



#9 Endosulfan I

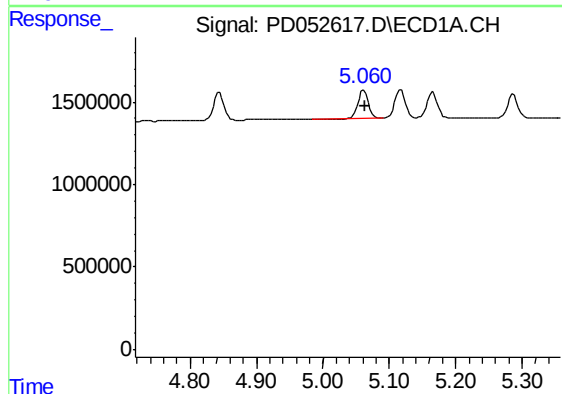
R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 1721268
Conc: 0.96 ng/ml

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



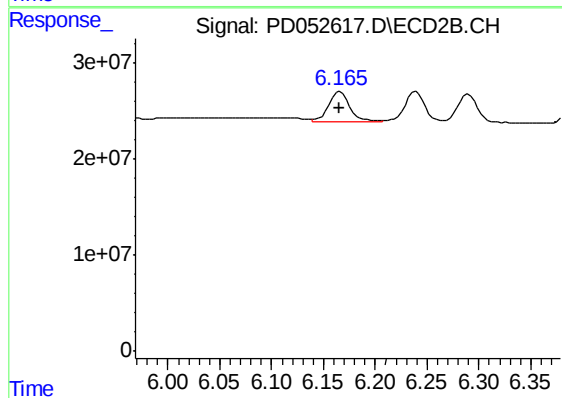
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 38307220
Conc: 1.31 ng/ml



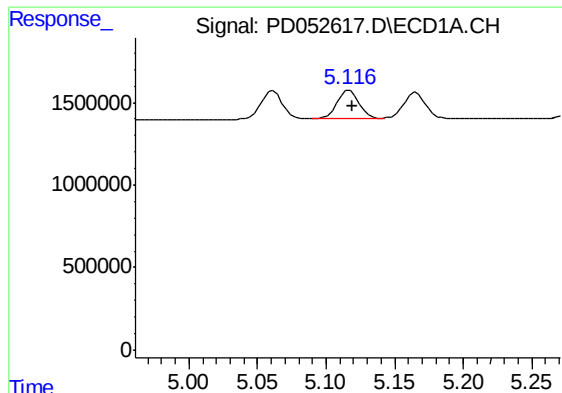
#10 gamma-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 1786423
Conc: 0.92 ng/ml



#10 gamma-Chlordane

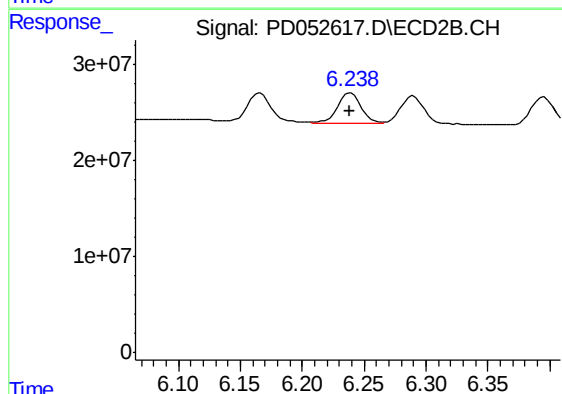
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 44722126
Conc: 1.40 ng/ml



#11 alpha-Chlordane

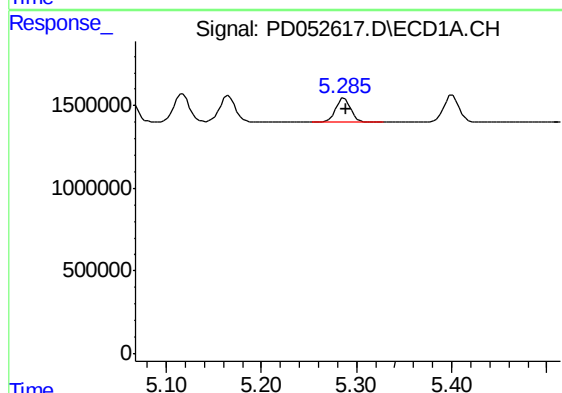
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 1934585
Conc: 1.00 ng/ml

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



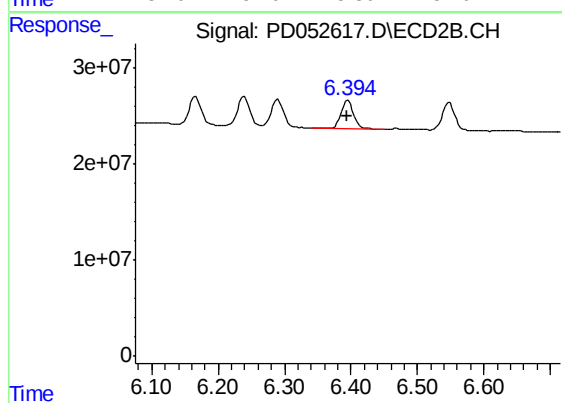
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 43450967
Conc: 1.38 ng/ml



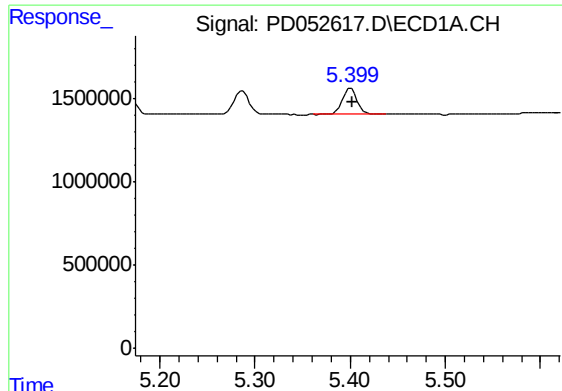
#12 4,4'-DDE

R.T.: 5.287 min
Delta R.T.: -0.002 min
Response: 1549327
Conc: 0.83 ng/ml



#12 4,4'-DDE

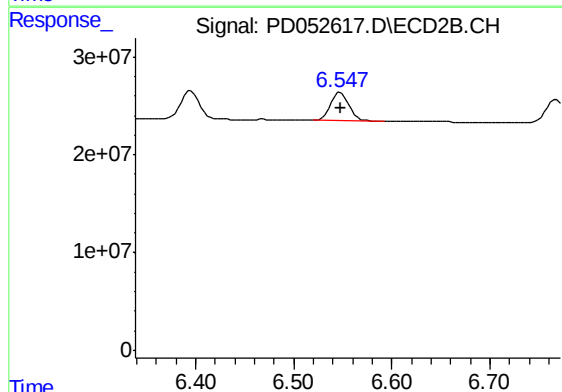
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 38003726
Conc: 1.24 ng/ml



#13 Dielddrin

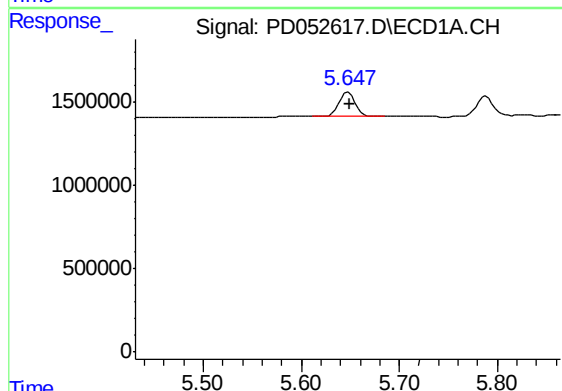
R.T.: 5.401 min
Delta R.T.: -0.002 min
Response: 1777223
Conc: 0.92 ng/ml

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



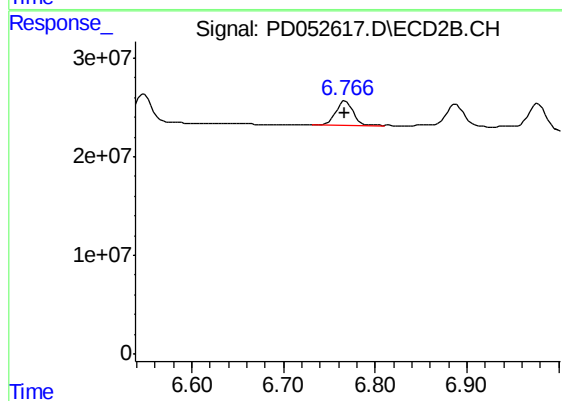
#13 Dielddrin

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 37841050
Conc: 1.27 ng/ml



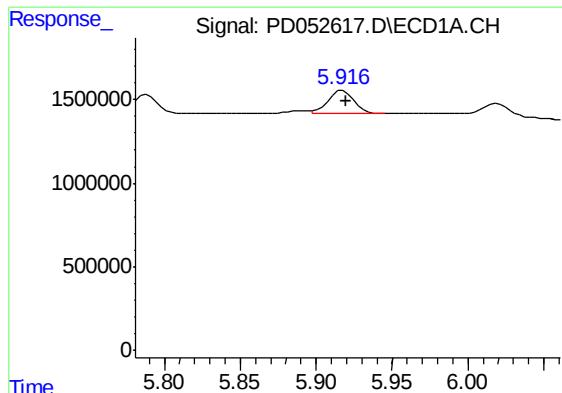
#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 1660387
Conc: 0.90 ng/ml



#14 Endrin

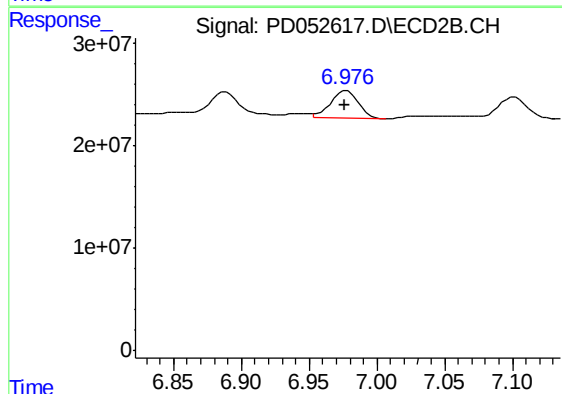
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 32075382
Conc: 1.28 ng/ml



#15 Endosulfan II

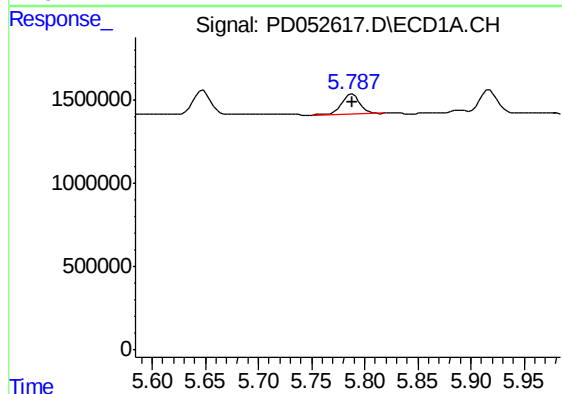
R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 1637449
Conc: 0.95 ng/ml

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



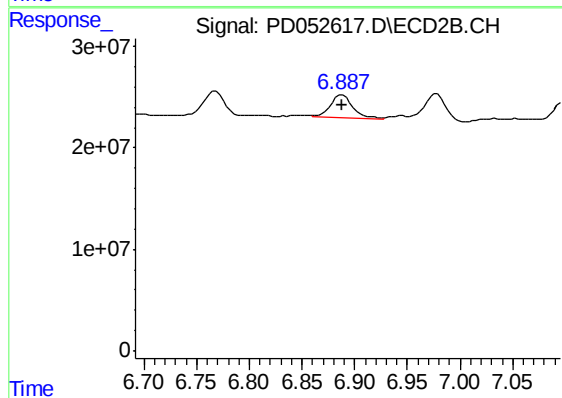
#15 Endosulfan II

R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 38183002
Conc: 1.53 ng/ml



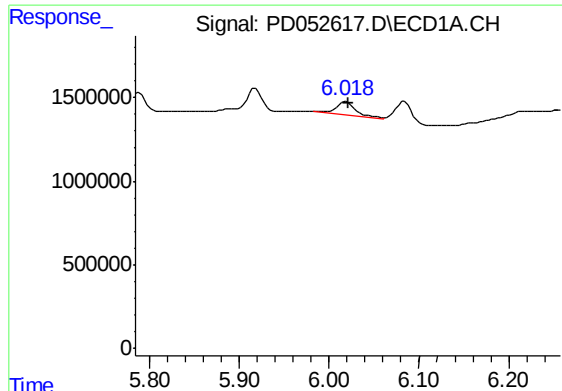
#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1360478
Conc: 0.89 ng/ml



#16 4,4'-DDD

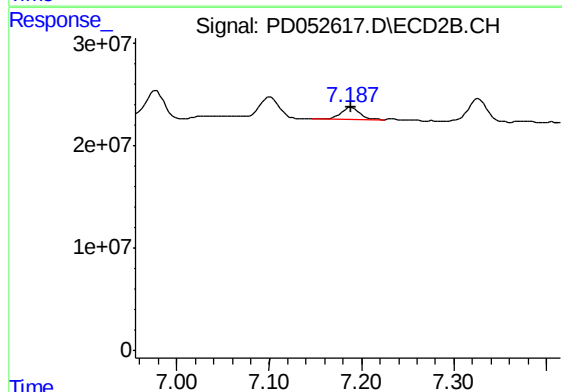
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 34932792
Conc: 1.46 ng/ml



#17 4,4'-DDT

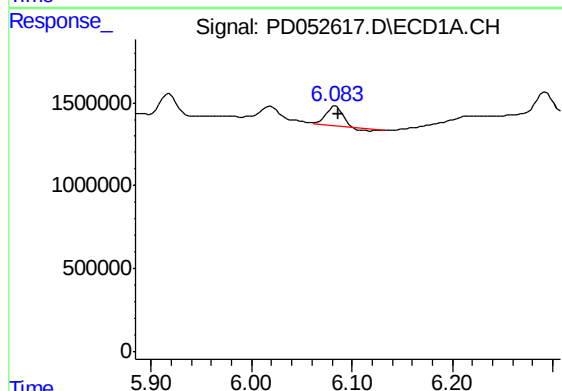
R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 1318513
Conc: 0.92 ng/ml

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



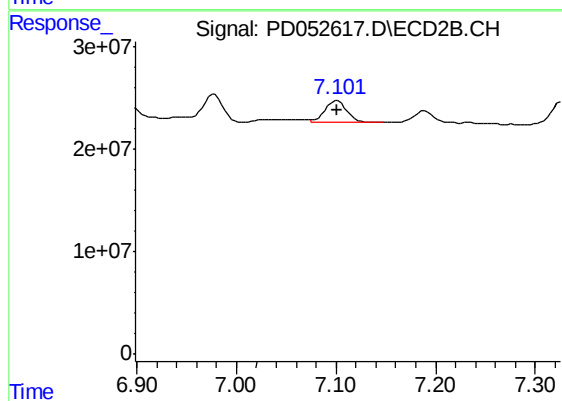
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 16407857
Conc: 0.88 ng/ml



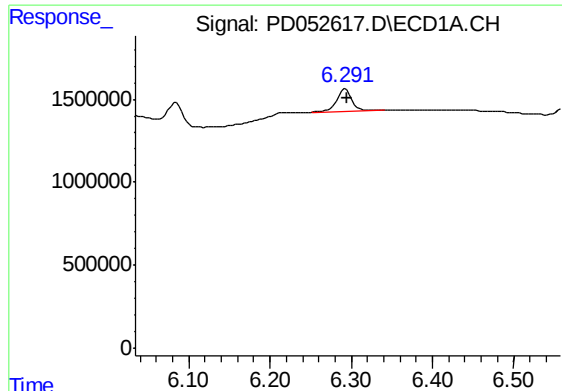
#18 Endrin aldehyde

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 1237780
Conc: 0.86 ng/ml



#18 Endrin aldehyde

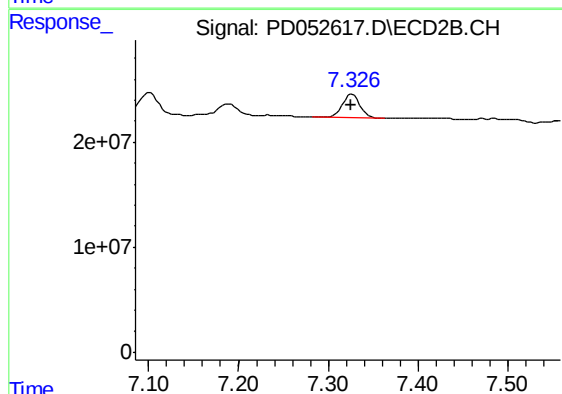
R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 32184840
Conc: 1.56 ng/ml



#19 Endosulfan Sulfate

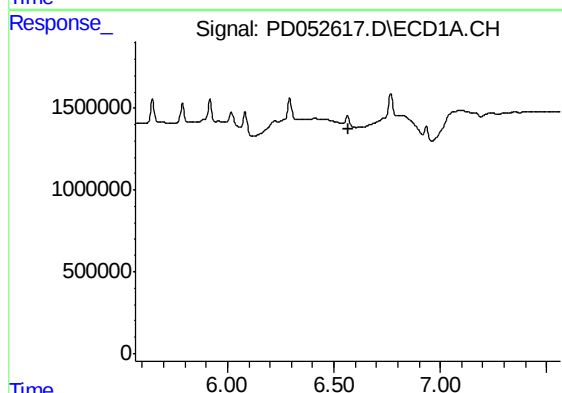
R.T.: 6.293 min
Delta R.T.: -0.002 min
Response: 1817940
Conc: 1.19 ng/ml

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



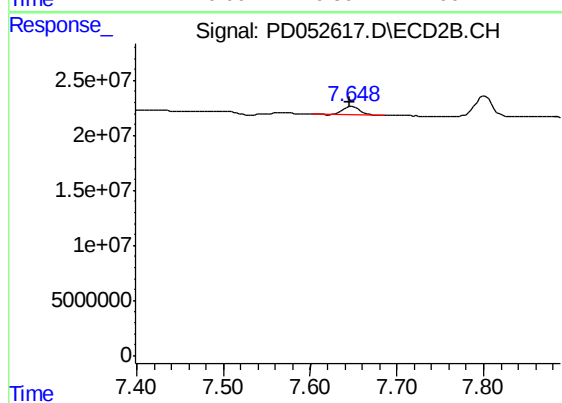
#19 Endosulfan Sulfate

R.T.: 7.327 min
Delta R.T.: 0.001 min
Response: 30445848
Conc: 1.38 ng/ml



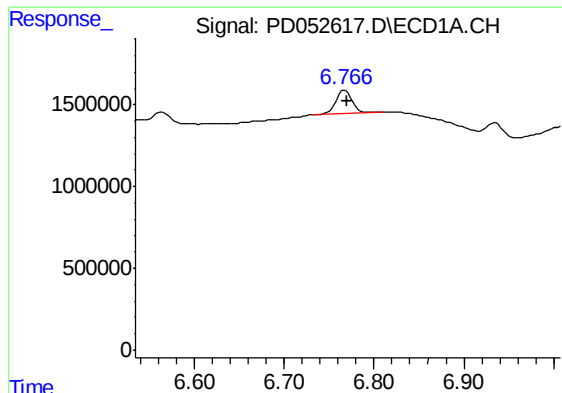
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.566 min
Response: 0
Conc: N.D.



#20 Methoxychlor

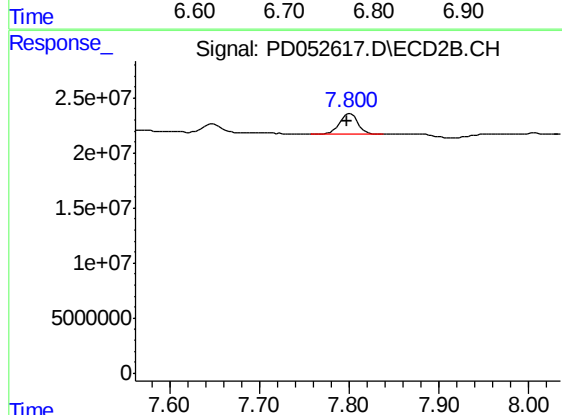
R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 10300119
Conc: 1.03 ng/ml



#21 Endrin ketone

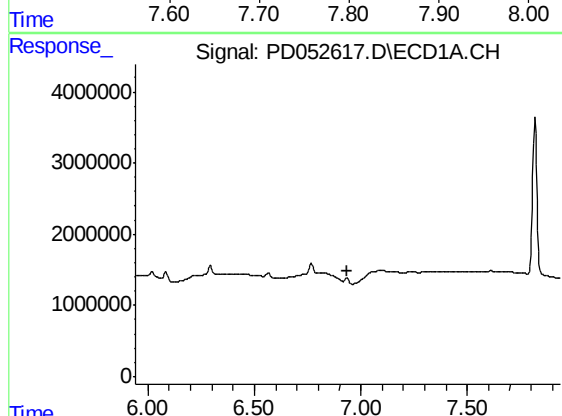
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 1861449
Conc: 1.02 ng/ml

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



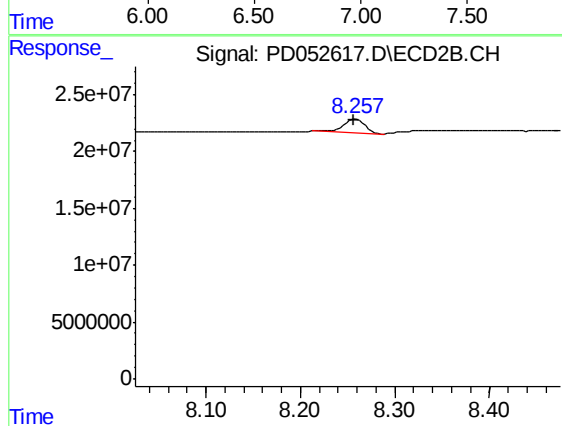
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 25423902
Conc: 1.24 ng/ml



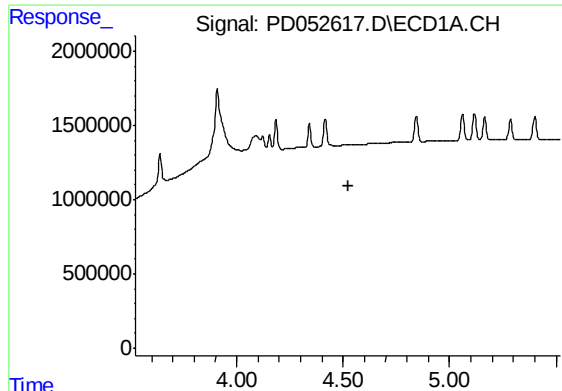
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 6.938 min
Response: 0
Conc: N.D.



#22 Mirex

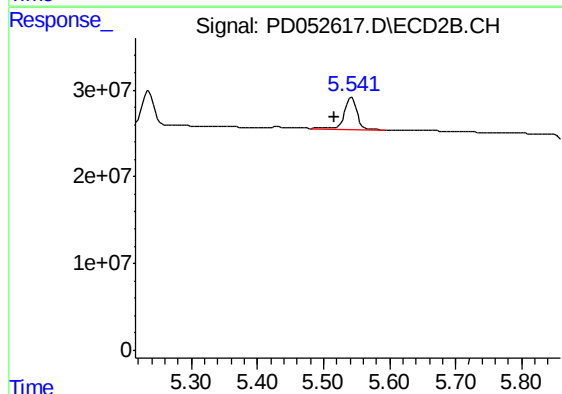
R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 19160850
Conc: 1.49 ng/ml



#24 Chlordane-2

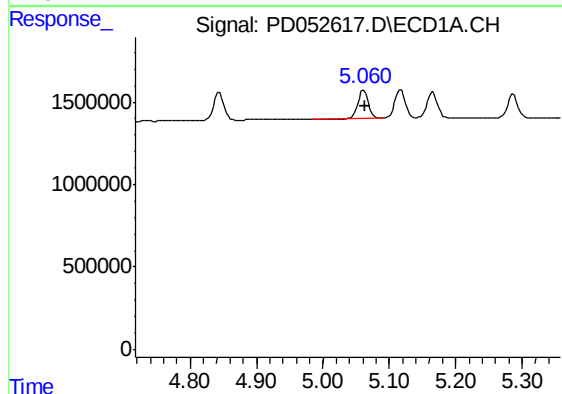
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

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



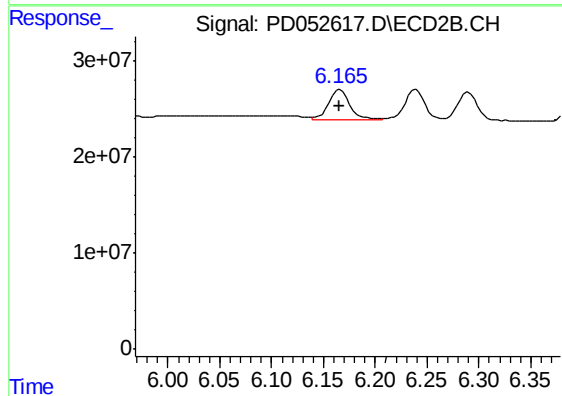
#24 Chlordane-2

R.T.: 5.543 min
Delta R.T.: 0.027 min
Response: 47325256
Conc: 33.79 ng/ml



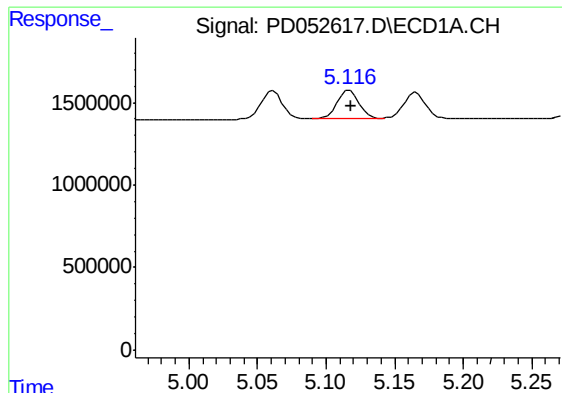
#25 Chlordane-3

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 1786423
Conc: 8.08 ng/ml



#25 Chlordane-3

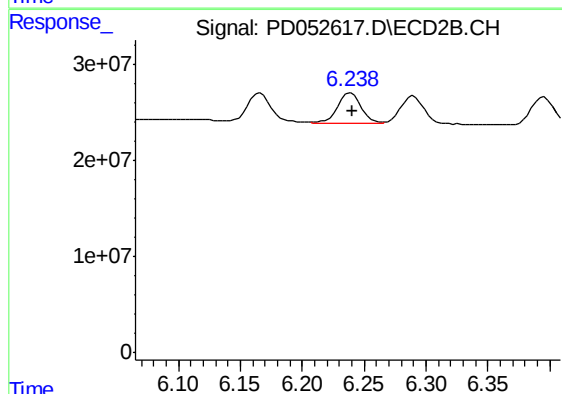
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 44722126
Conc: 10.13 ng/ml



#26 Chlordane-4

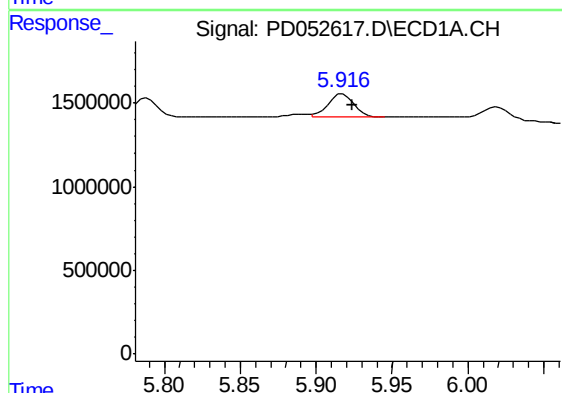
R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 1934585
Conc: 9.12 ng/ml

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



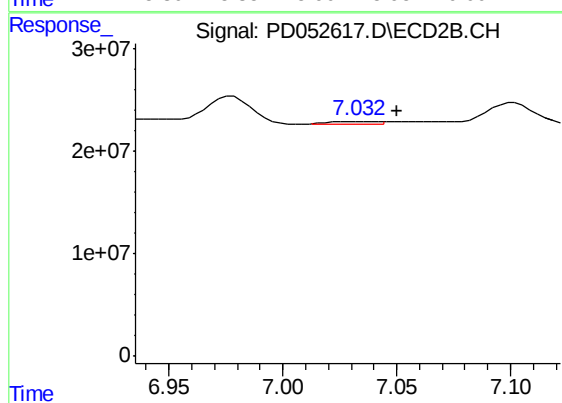
#26 Chlordane-4

R.T.: 6.240 min
Delta R.T.: -0.001 min
Response: 43450967
Conc: 8.54 ng/ml



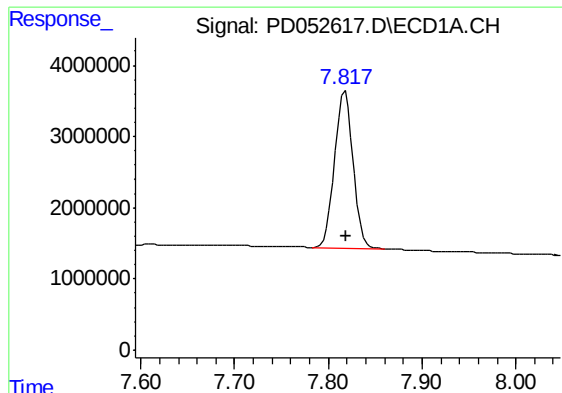
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 1637449
Conc: 25.18 ng/ml



#27 Chlordane-5

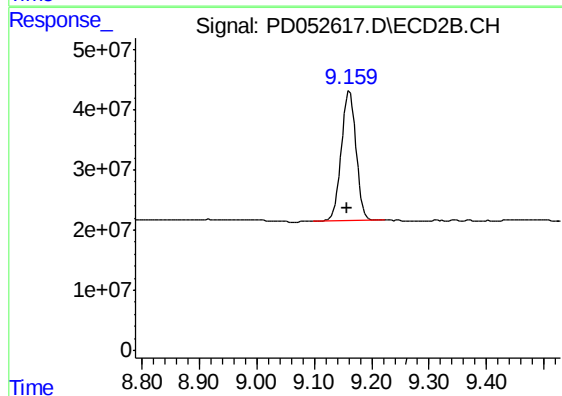
R.T.: 7.033 min
Delta R.T.: -0.017 min
Response: 3669544
Conc: 3.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.818 min
Delta R.T.: 0.000 min
Response: 30425533
Conc: 22.83 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.004 min
Response: 389220312
Conc: 25.03 ng/ml