

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
 Data File : PD064956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2021 08:46
 Operator : AR\AJ
 Sample : M2940-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 04:09:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081421.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 16 03:35:15 2021
 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...	3.508	4.019	32181942	354.4E6	16.467	17.454
28)	SA Decachlor...	8.279	9.105	42830879	208.5E6	17.428	18.756
Target Compounds							
2)	A alpha-BHC	3.952	4.415	11610682	142.6E6	3.854	4.496
3)	MA gamma-BHC...	4.237	4.702	11605942	131.1E6	4.117	4.553
4)	MA Heptachlor	4.538	5.207	11552396	137.0E6	3.940	4.614
5)	MB Aldrin	4.787	5.512	11333117	130.2E6	3.926	4.625
6)	B beta-BHC	4.487	4.878	5968692	76657187	4.799	2.255 #
7)	B delta-BHC	4.693	5.095	10468687	125.0E6	3.735	4.420
8)	B Heptachlor...	5.232	5.902	11017844	121.3E6	4.100	4.743
9)	A Endosulfan I	5.572	6.261	10326841	110.6E6	4.075	4.689
10)	B gamma-Chl...	5.458	6.136	11129123	123.6E6	4.027	4.730
11)	B alpha-Chl...	5.518	6.208	11298934	119.8E6	4.130	4.724
12)	B 4,4'-DDE	5.682	6.367	10224020	109.4E6	3.889	4.503
13)	MA Dieldrin	5.817	6.519	10846981	111.9E6	3.959	4.538
14)	MA Endrin	6.076	6.739	9764646	89058495	4.057	4.572
15)	B Endosulfa...	6.349	6.952	9691201	89183573	4.239	4.645
16)	A 4,4'-DDD	6.199	6.862	9136909	93242182	3.965	4.907
17)	MA 4,4'-DDT	6.440	7.160	9266184	85799182	3.858	4.309
18)	B Endrin al...	6.518	7.077	8031507	75363867	4.387	4.796
19)	B Endosulfa...	6.731	7.300	9963953	91137999	4.313	4.724
20)	A Methoxychlor	6.990	7.620	6429471	45507124	4.585	4.790
21)	B Endrin ke...	7.227	7.774	12464181	89979833	4.331	4.717
22)	Mirex	7.413	8.224	10579002	63628424	4.767	5.049
24)	Chlordane-2	0.000	5.512f	0	130.2E6	N.D.	156.688 #
25)	Chlordane-3	5.458	6.136	11129123	123.6E6	43.085	36.840
26)	Chlordane-4	5.518	6.208	11298934	119.8E6	54.310	30.797 #
27)	Chlordane-5	6.349	0.000	9691201	0	103.199	N.D. #

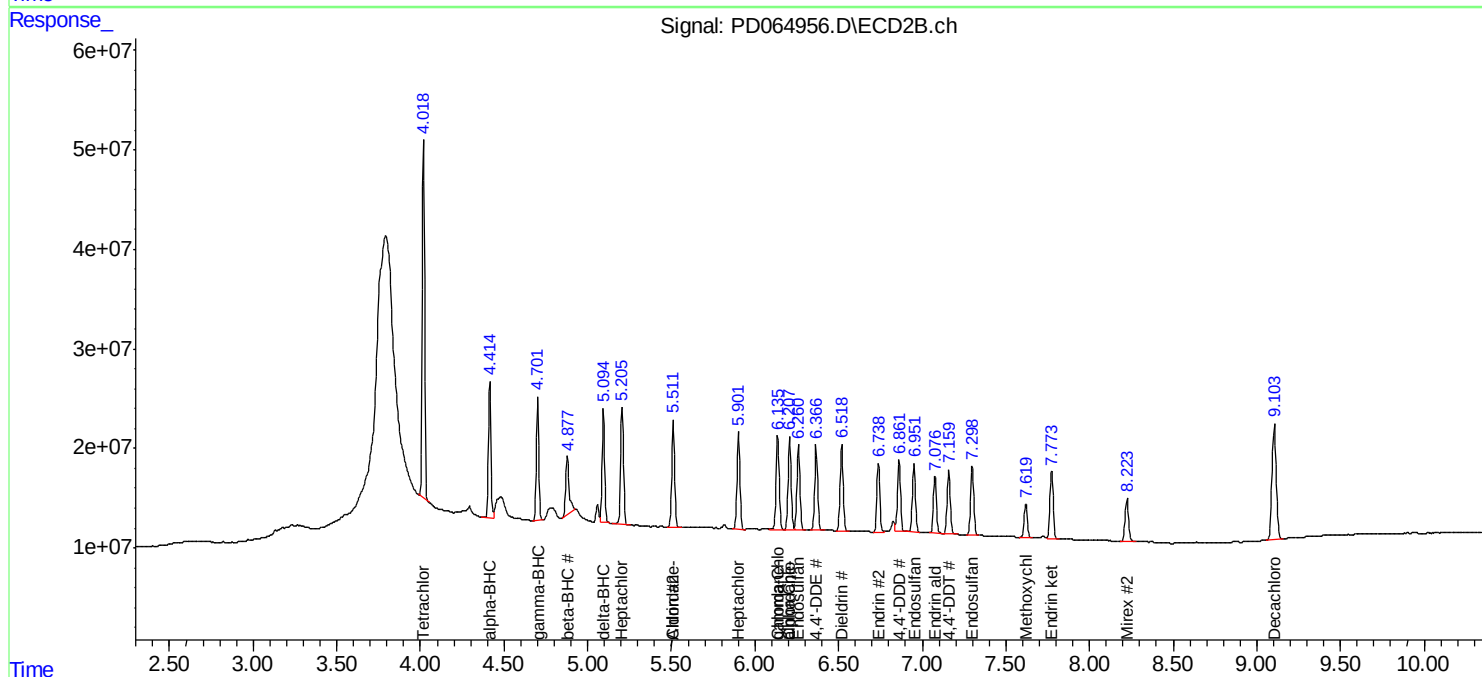
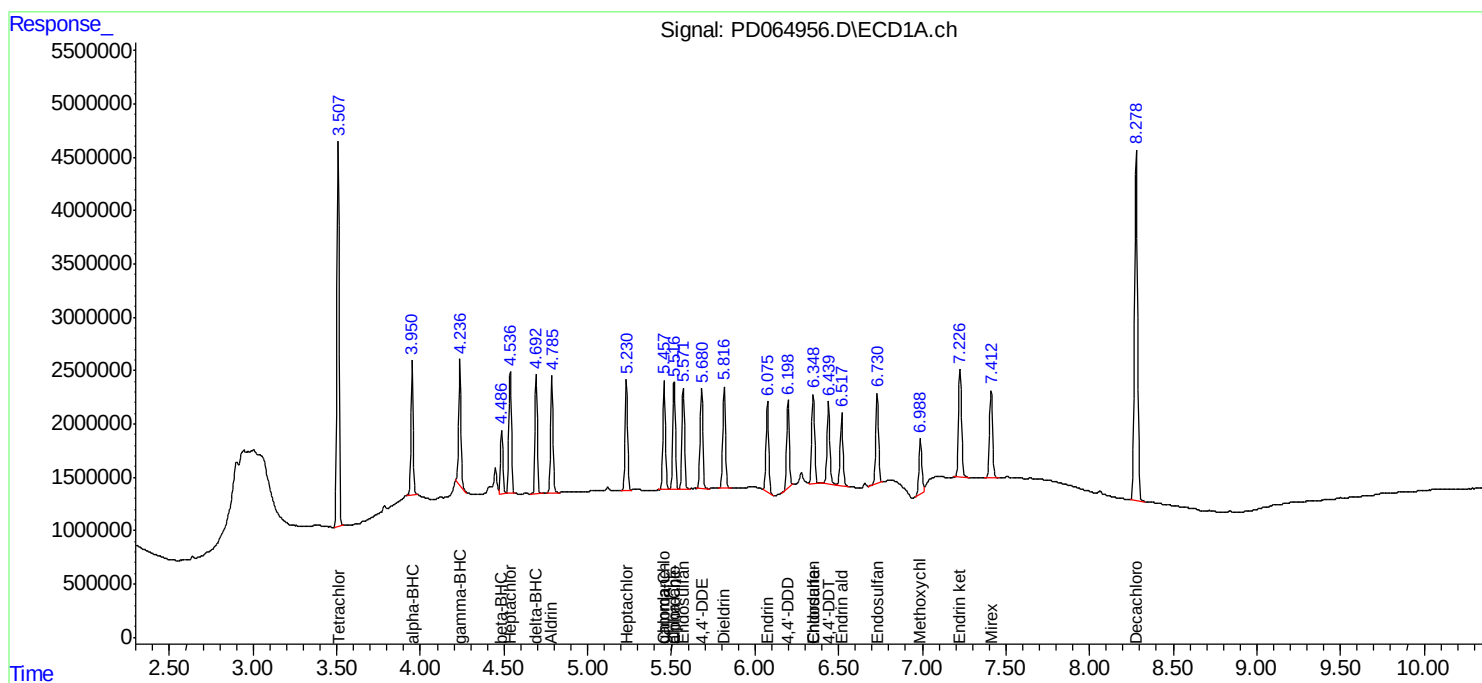
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

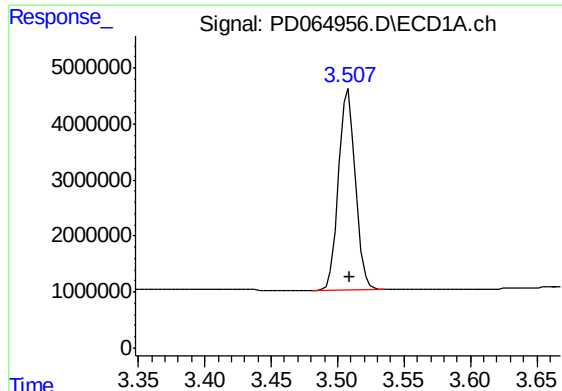
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
Data File : PD064956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2021 08:46
Operator : AR\AJ
Sample : M2940-08
Misc : PEST LOQ 5 PPB
ALS Vial : 49 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 04:09:10 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081421.M
Quant Title : GC Extractables
QLast Update : Mon Aug 16 03:35:15 2021
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

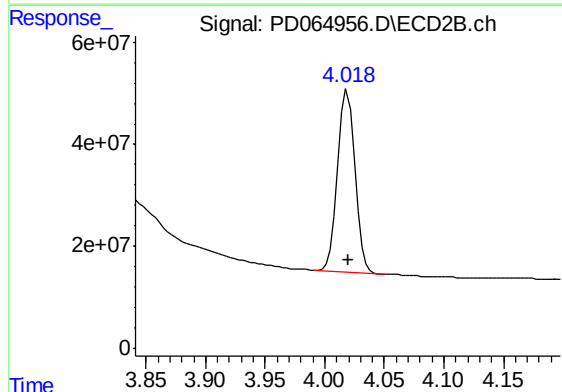




#1 Tetrachloro-m-xylene

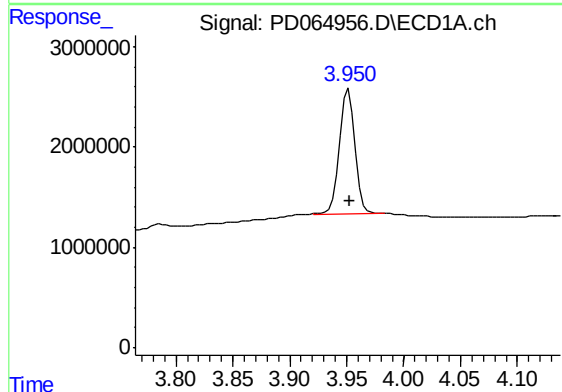
R.T.: 3.508 min
Delta R.T.: 0.000 min
Response: 32181942
Conc: 16.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



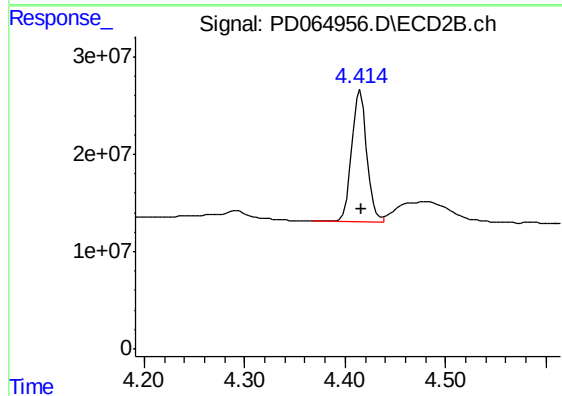
#1 Tetrachloro-m-xylene

R.T.: 4.019 min
Delta R.T.: -0.001 min
Response: 354442242
Conc: 17.45 ng/ml



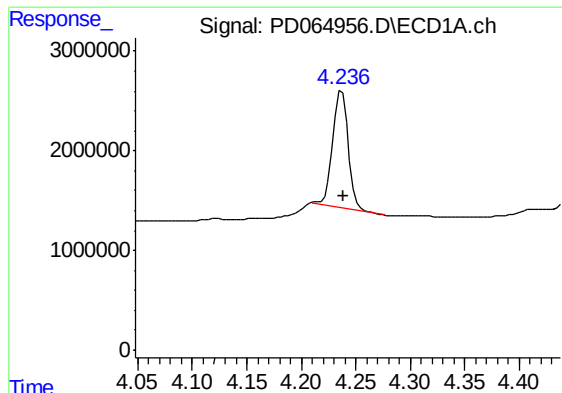
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 11610682
Conc: 3.85 ng/ml



#2 alpha-BHC

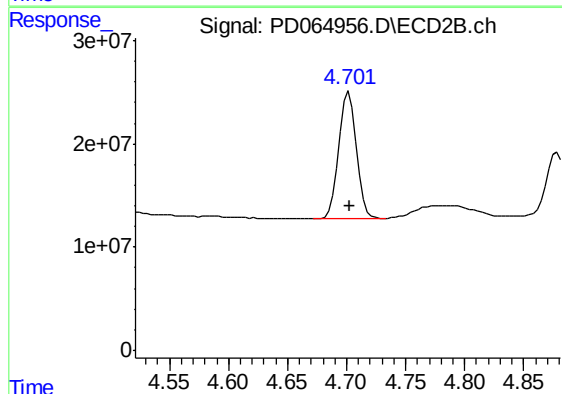
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 142627943
Conc: 4.50 ng/ml



#3 gamma-BHC (Lindane)

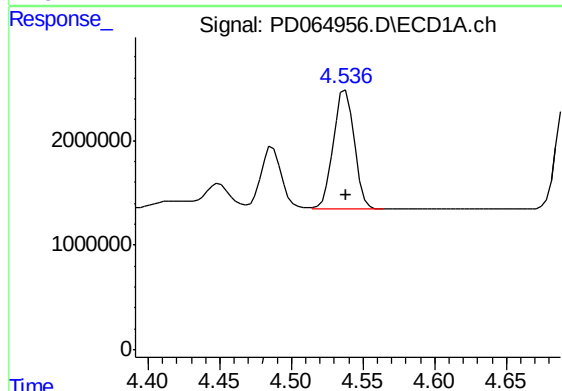
R.T.: 4.237 min
Delta R.T.: -0.001 min
Response: 11605942
Conc: 4.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



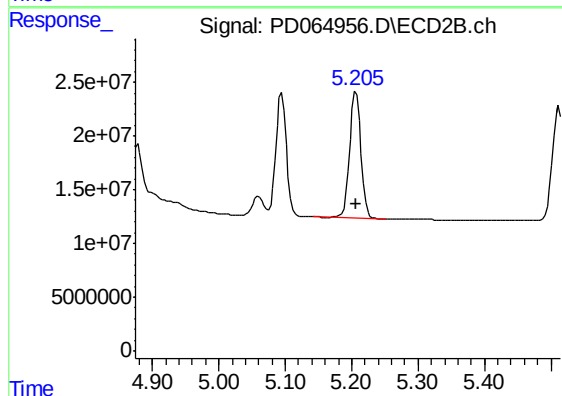
#3 gamma-BHC (Lindane)

R.T.: 4.702 min
Delta R.T.: -0.001 min
Response: 131052627
Conc: 4.55 ng/ml



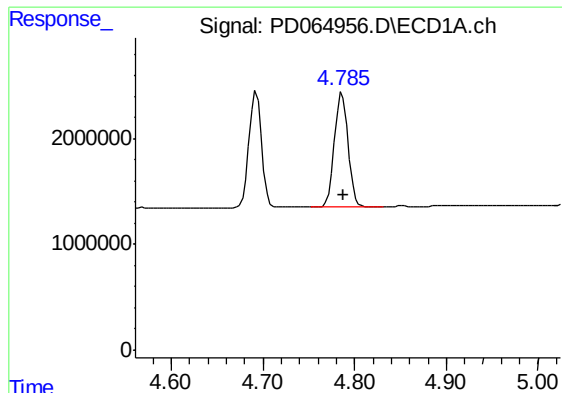
#4 Heptachlor

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 11552396
Conc: 3.94 ng/ml



#4 Heptachlor

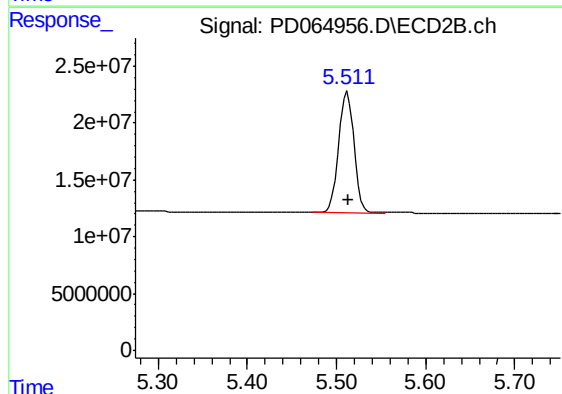
R.T.: 5.207 min
Delta R.T.: -0.001 min
Response: 137017396
Conc: 4.61 ng/ml



#5 Aldrin

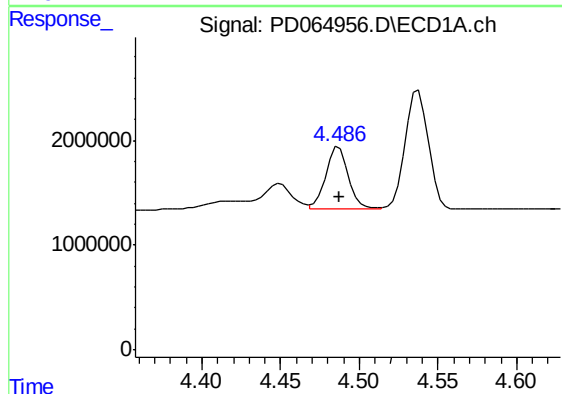
R.T.: 4.787 min
Delta R.T.: -0.002 min
Response: 11333117
Conc: 3.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



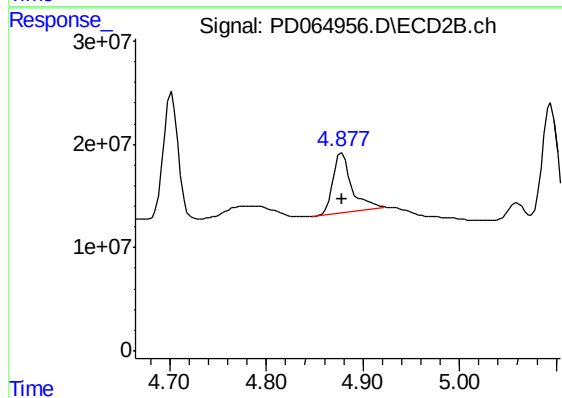
#5 Aldrin

R.T.: 5.512 min
Delta R.T.: -0.002 min
Response: 130197390
Conc: 4.62 ng/ml



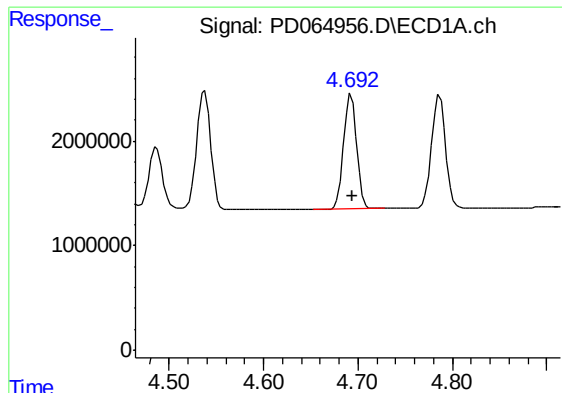
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 5968692
Conc: 4.80 ng/ml



#6 beta-BHC

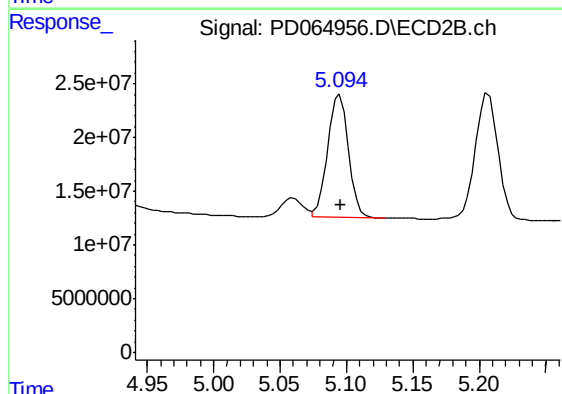
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 76657187
Conc: 2.25 ng/ml



#7 delta-BHC

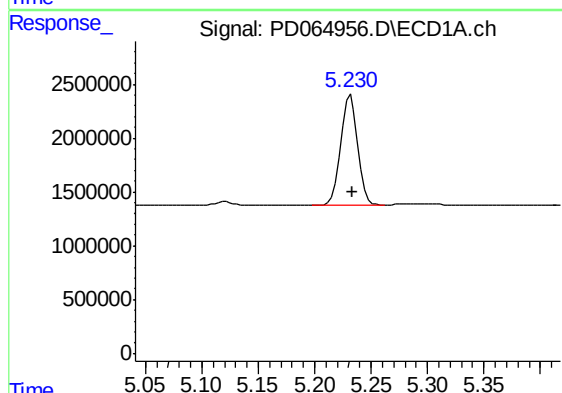
R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 10468687
Conc: 3.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



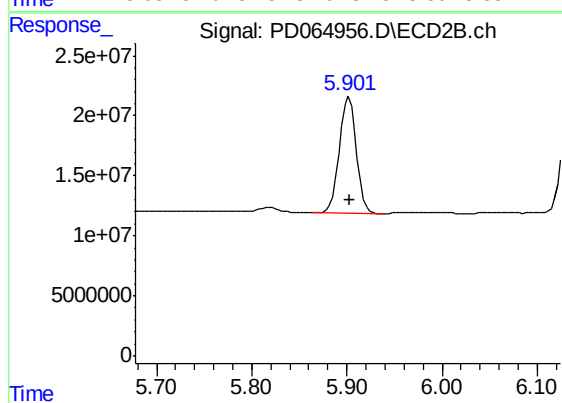
#7 delta-BHC

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 125019149
Conc: 4.42 ng/ml



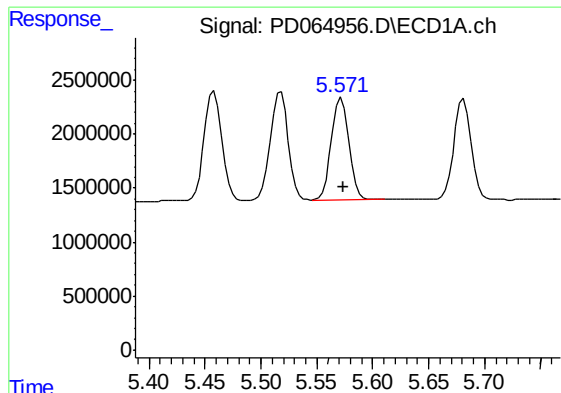
#8 Heptachlor epoxide

R.T.: 5.232 min
Delta R.T.: -0.002 min
Response: 11017844
Conc: 4.10 ng/ml



#8 Heptachlor epoxide

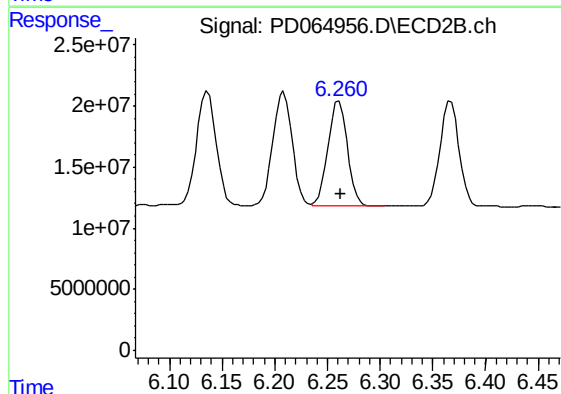
R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 121282252
Conc: 4.74 ng/ml



#9 Endosulfan I

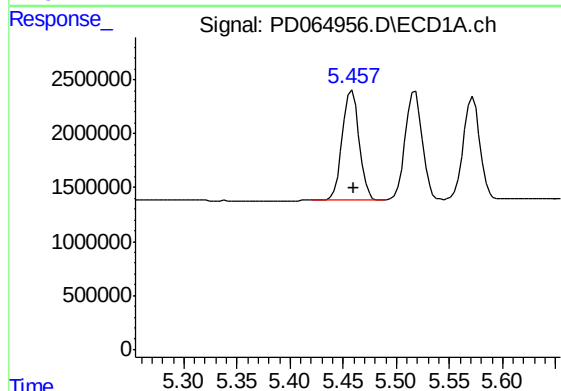
R.T.: 5.572 min
Delta R.T.: -0.001 min
Response: 10326841
Conc: 4.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



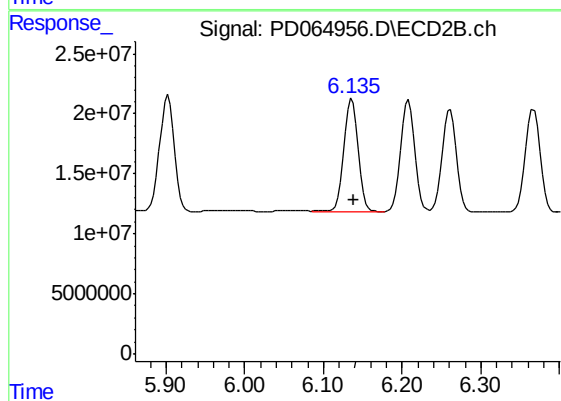
#9 Endosulfan I

R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 110637541
Conc: 4.69 ng/ml



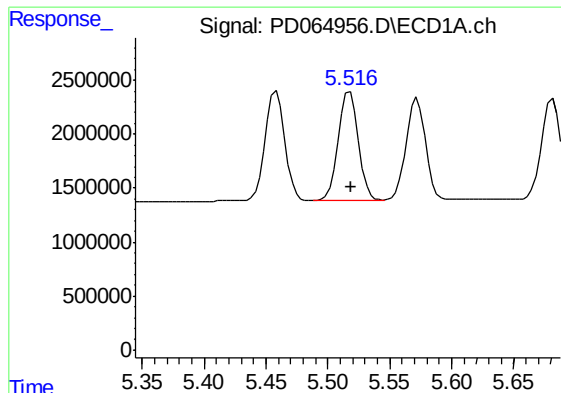
#10 gamma-Chlordane

R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 11129123
Conc: 4.03 ng/ml



#10 gamma-Chlordane

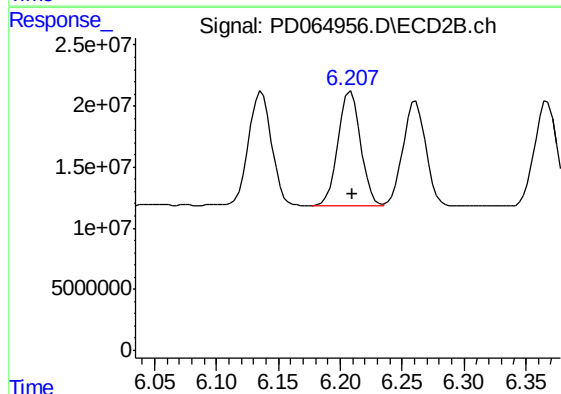
R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 123553234
Conc: 4.73 ng/ml



#11 alpha-Chlordane

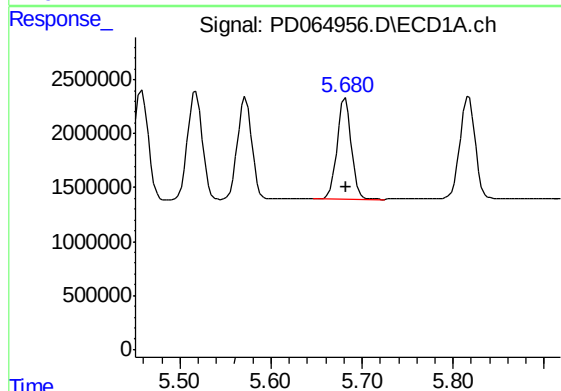
R.T.: 5.518 min
Delta R.T.: -0.001 min
Response: 11298934
Conc: 4.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



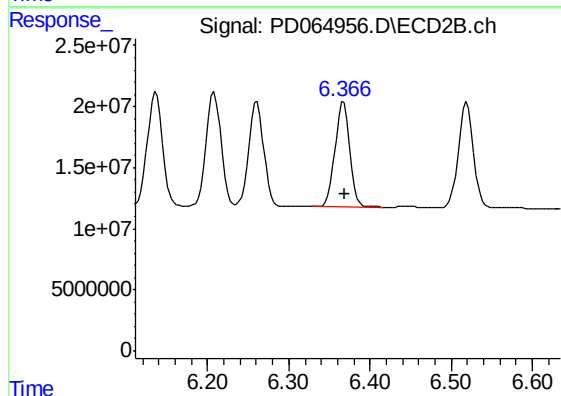
#11 alpha-Chlordane

R.T.: 6.208 min
Delta R.T.: -0.001 min
Response: 119763116
Conc: 4.72 ng/ml



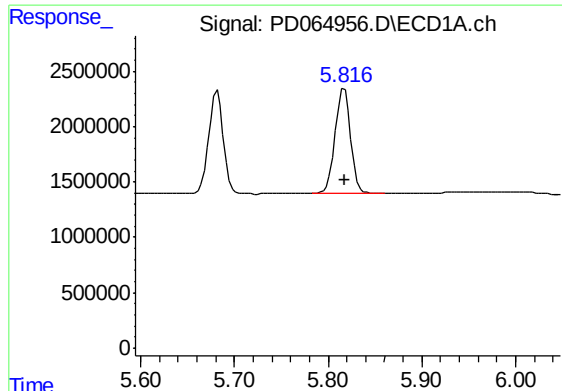
#12 4,4'-DDE

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 10224020
Conc: 3.89 ng/ml



#12 4,4'-DDE

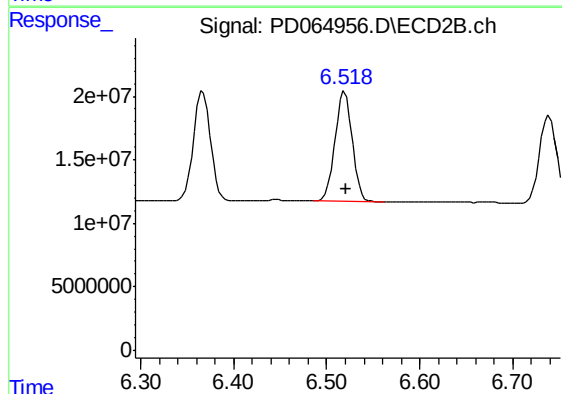
R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 109437858
Conc: 4.50 ng/ml



#13 Dielddrin

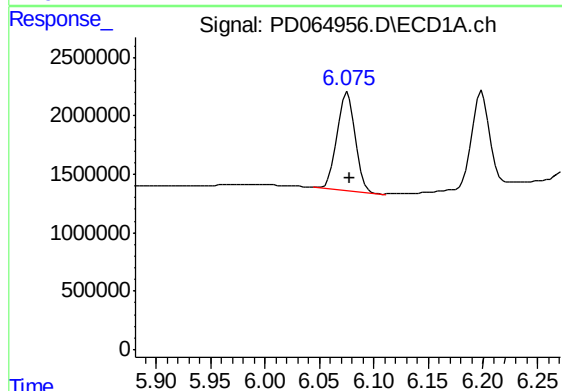
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 10846981
Conc: 3.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



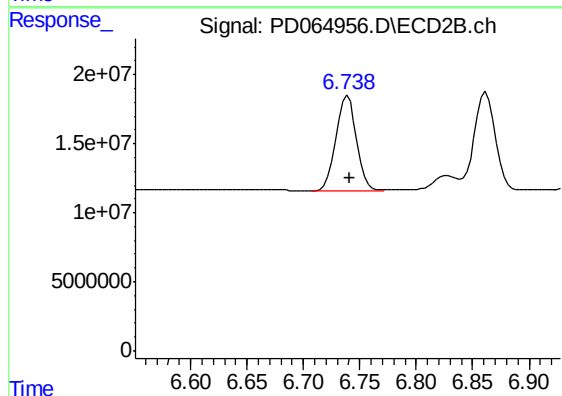
#13 Dielddrin

R.T.: 6.519 min
Delta R.T.: -0.002 min
Response: 111931032
Conc: 4.54 ng/ml



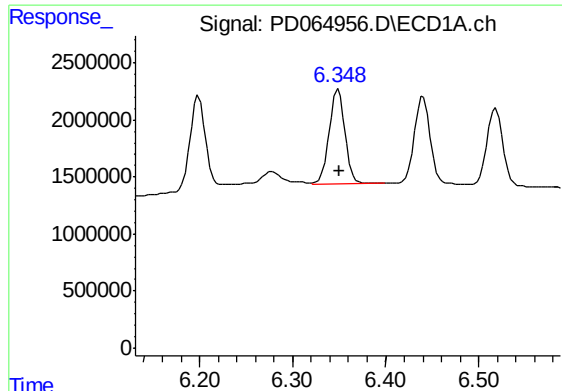
#14 Endrin

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 9764646
Conc: 4.06 ng/ml



#14 Endrin

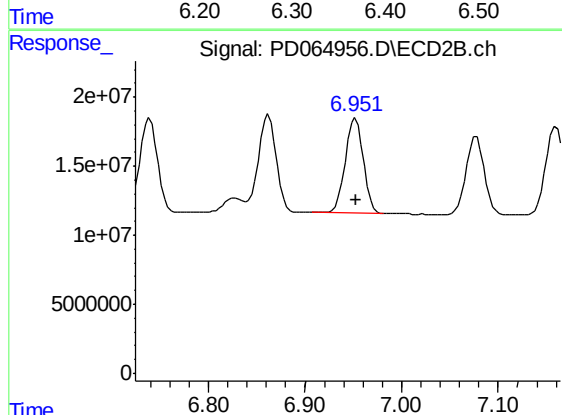
R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 89058495
Conc: 4.57 ng/ml



#15 Endosulfan II

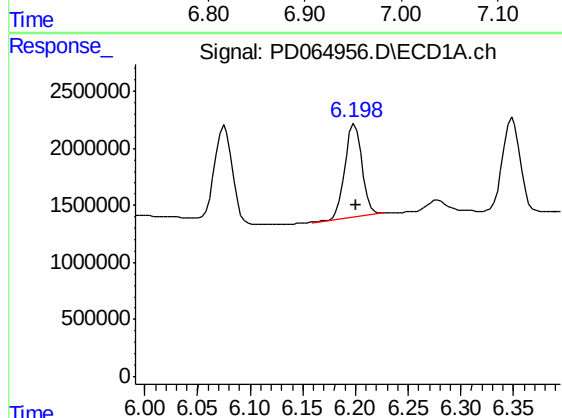
R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 9691201
Conc: 4.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



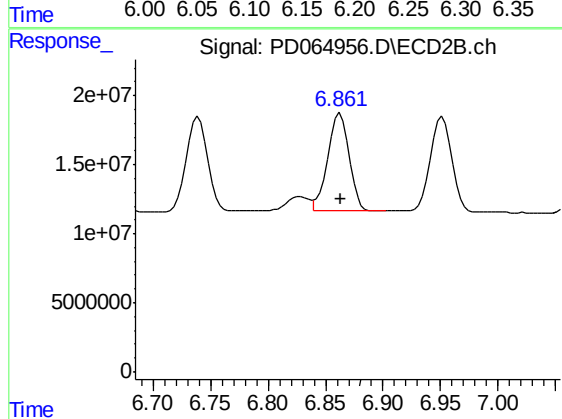
#15 Endosulfan II

R.T.: 6.952 min
Delta R.T.: -0.001 min
Response: 89183573
Conc: 4.65 ng/ml



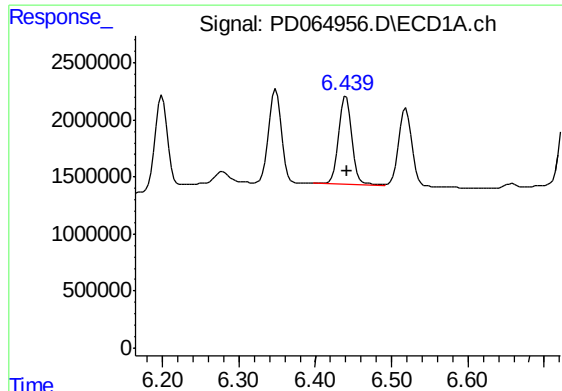
#16 4,4'-DDD

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 9136909
Conc: 3.96 ng/ml



#16 4,4'-DDD

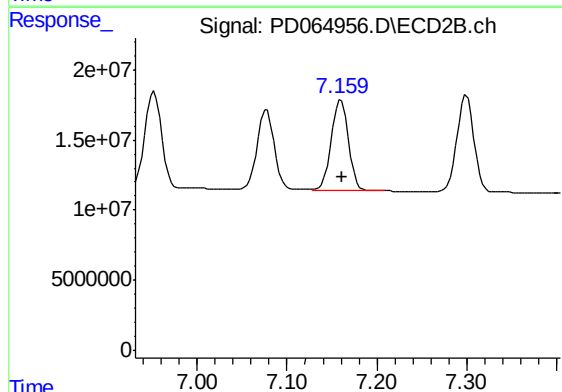
R.T.: 6.862 min
Delta R.T.: -0.001 min
Response: 93242182
Conc: 4.91 ng/ml



#17 4,4'-DDT

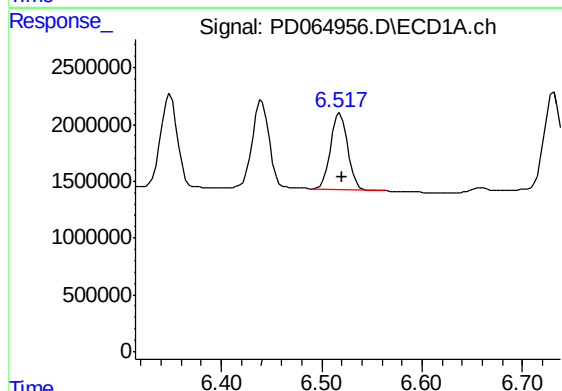
R.T.: 6.440 min
Delta R.T.: -0.001 min
Response: 9266184
Conc: 3.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



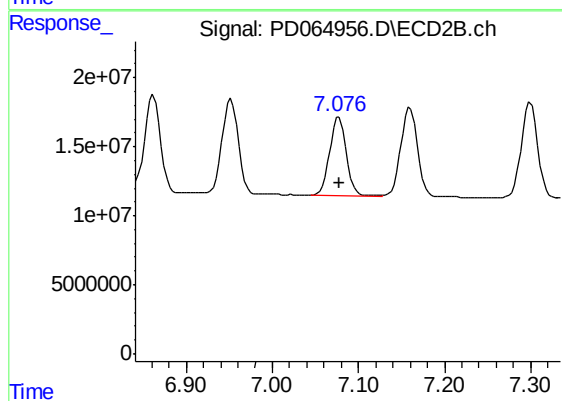
#17 4,4'-DDT

R.T.: 7.160 min
Delta R.T.: -0.001 min
Response: 85799182
Conc: 4.31 ng/ml



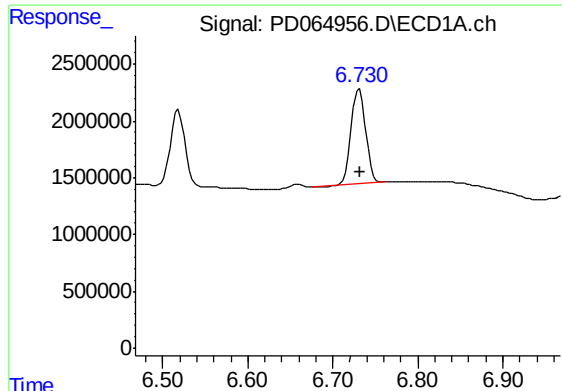
#18 Endrin aldehyde

R.T.: 6.518 min
Delta R.T.: -0.002 min
Response: 8031507
Conc: 4.39 ng/ml



#18 Endrin aldehyde

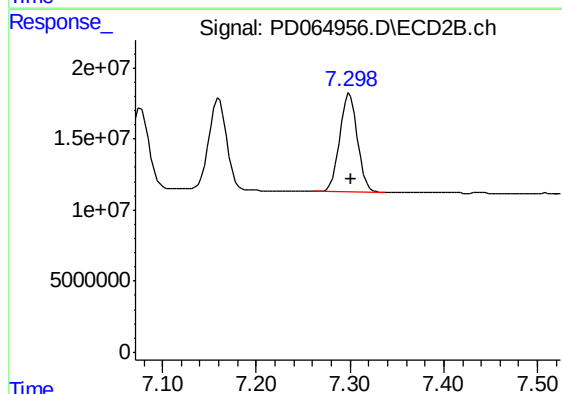
R.T.: 7.077 min
Delta R.T.: -0.001 min
Response: 75363867
Conc: 4.80 ng/ml



#19 Endosulfan Sulfate

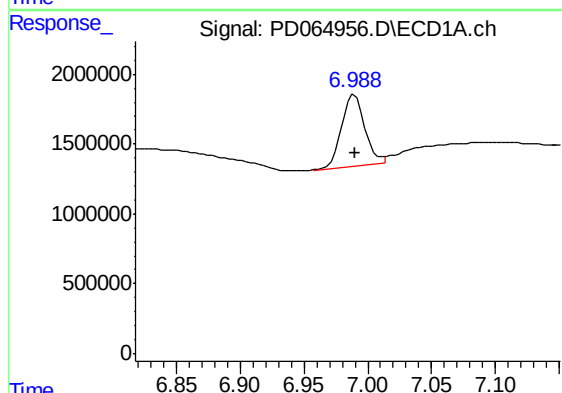
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 9963953
Conc: 4.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



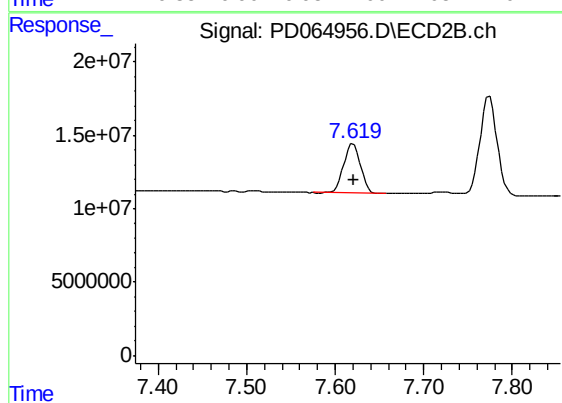
#19 Endosulfan Sulfate

R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 91137999
Conc: 4.72 ng/ml



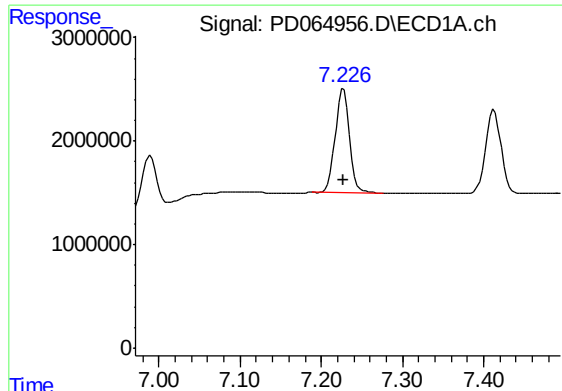
#20 Methoxychlor

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 6429471
Conc: 4.59 ng/ml



#20 Methoxychlor

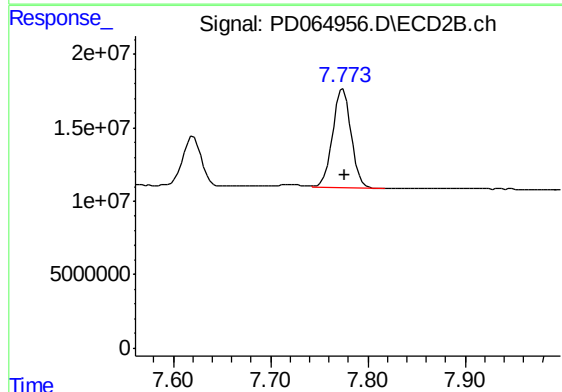
R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 45507124
Conc: 4.79 ng/ml



#21 Endrin ketone

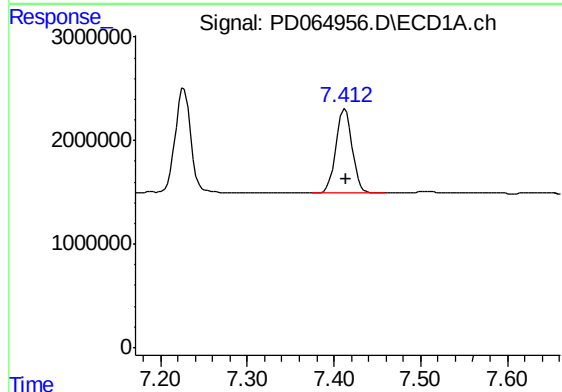
R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 12464181
Conc: 4.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



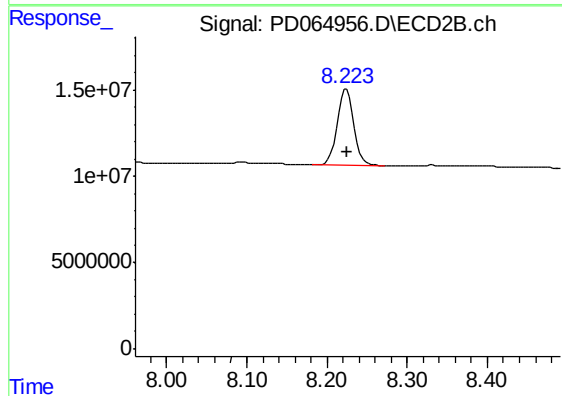
#21 Endrin ketone

R.T.: 7.774 min
Delta R.T.: -0.001 min
Response: 89979833
Conc: 4.72 ng/ml



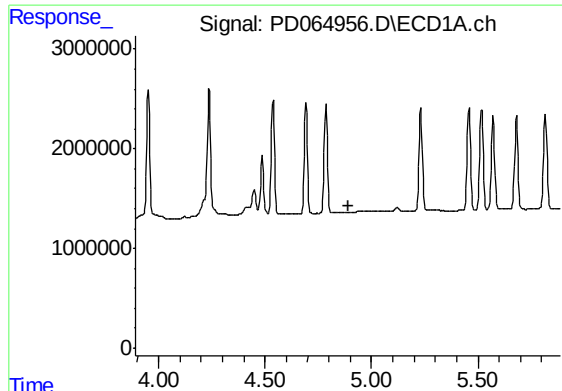
#22 Mirex

R.T.: 7.413 min
Delta R.T.: -0.001 min
Response: 10579002
Conc: 4.77 ng/ml



#22 Mirex

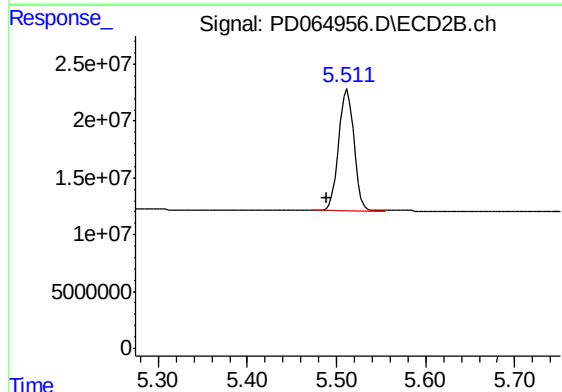
R.T.: 8.224 min
Delta R.T.: -0.001 min
Response: 63628424
Conc: 5.05 ng/ml



#24 Chlordane-2

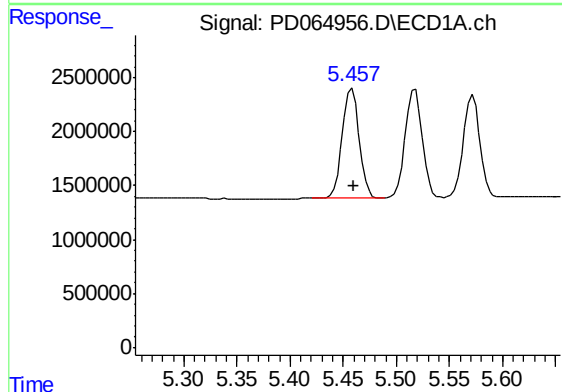
R.T.: 0.000 min
Exp R.T.: 4.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



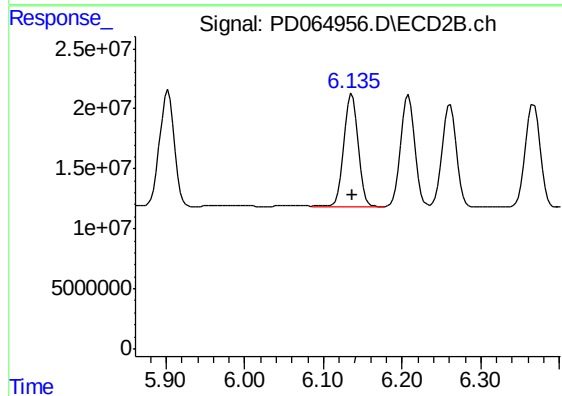
#24 Chlordane-2

R.T.: 5.512 min
Delta R.T.: 0.024 min
Response: 130197390
Conc: 156.69 ng/ml



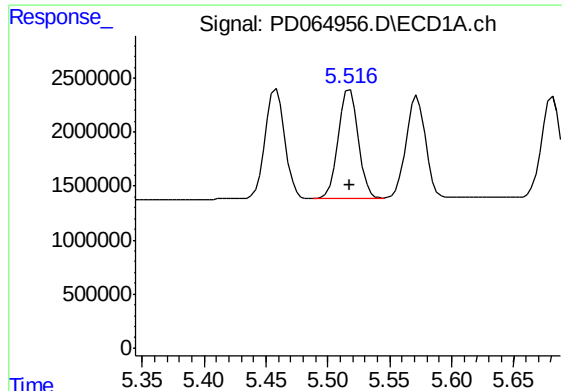
#25 Chlordane-3

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 11129123
Conc: 43.08 ng/ml



#25 Chlordane-3

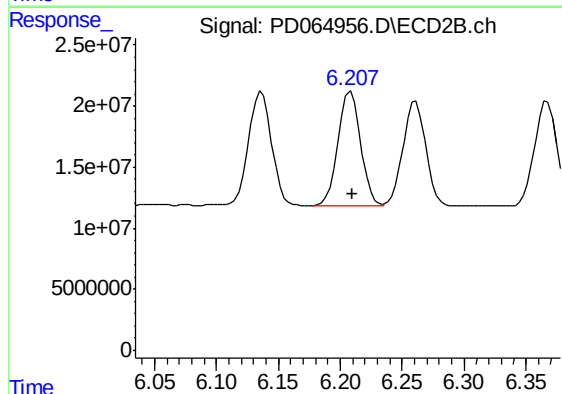
R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 123553234
Conc: 36.84 ng/ml



#26 Chlordane-4

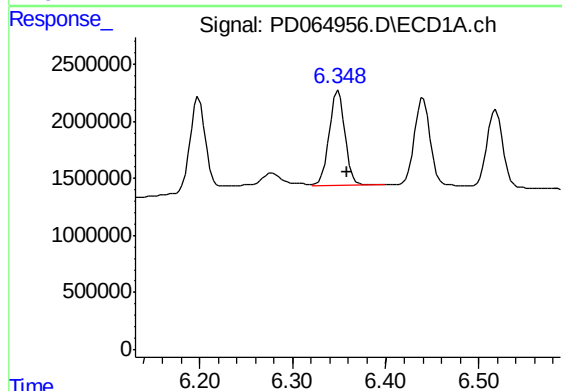
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 11298934
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



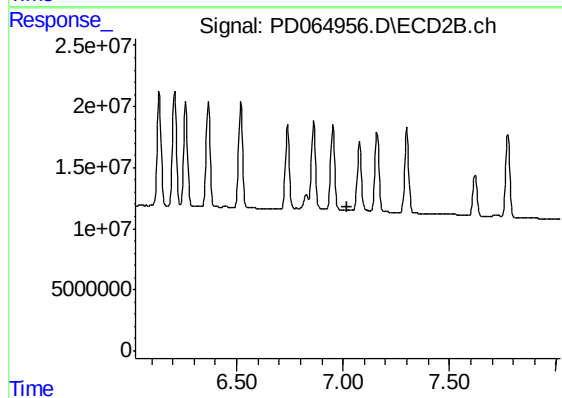
#26 Chlordane-4

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 119763116
Conc: 30.80 ng/ml



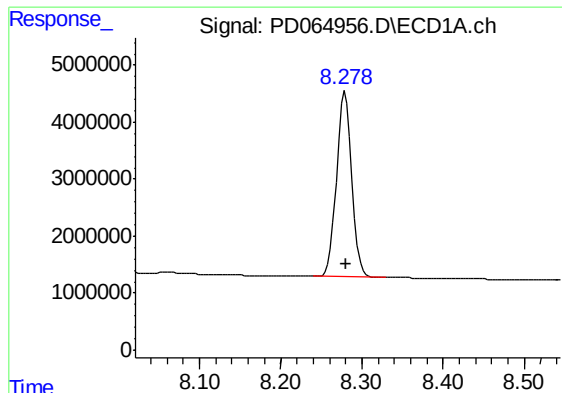
#27 Chlordane-5

R.T.: 6.349 min
Delta R.T.: -0.010 min
Response: 9691201
Conc: 103.20 ng/ml



#27 Chlordane-5

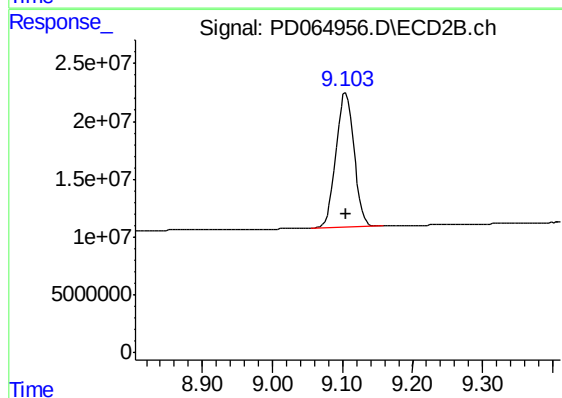
R.T.: 0.000 min
Exp R.T.: 7.022 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 42830879
Conc: 17.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.000 min
Response: 208453525
Conc: 18.76 ng/ml