

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
 Data File : PD073162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2022 13:17
 Operator : AR\AJ
 Sample : N4955-07
 Misc : PEST LOD 1PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:48:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111622.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 17 03:26:54 2022
 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...	2.704	3.456	35282383	1136.9E6	16.626	20.521
28)	SA Decachlor...	7.832	8.909	42498781	276.8E6	20.633	21.654
Target Compounds							
2)	A alpha-BHC	3.207	3.920	2606361	109.6E6	0.756	1.492 #
3)	MA gamma-BHC...	3.537	4.252	2644253	66143471	0.953	1.168m
4)	MA Heptachlor	3.869	4.820	3132605	56654578	1.064	1.511 #
5)	MB Aldrin	4.148	5.158	2856323	44629009	0.960	1.382 #
6)	B beta-BHC	3.838	4.469	1552186	25602185	1.212m	1.222
7)	B delta-BHC	4.068	4.713	2294673	68615643	0.740	1.686 #
8)	B Heptachlo...	4.653	5.591	2857573	61627300	1.070	2.300 #
9)	A Endosulfan I	5.022	5.974	2652644	33997222	1.060	1.382m#
10)	B gamma-Chl...	4.900	5.845	3043238	51052885	1.110m	1.925 #
11)	B alpha-Chl...	4.964	5.920	3334467	46881891	1.240	1.815 #
12)	B 4,4'-DDE	5.151	6.094	2589293	37924285	1.012m	1.526 #
13)	MA Dieldrin	5.288	6.253	2807881	37938072	1.063	1.507 #
14)	MA Endrin	5.564	6.483	2265341	20662281	0.935	0.954m
15)	B Endosulfa...	5.861	6.713	2507834	26972321	1.160m	1.375
16)	A 4,4'-DDD	5.711	6.617	2860786	31700192	1.341m	1.618m
17)	MA 4,4'-DDT	5.960	6.926	2052904	20741967	1.072	1.111
18)	B Endrin al...	6.044	6.845	2193421	22005934	1.275	1.476
19)	B Endosulfa...	6.266	7.078	2536014	22199660	1.153m	1.269
20)	A Methoxychlor	6.541	7.406	1789207	12730309	1.556m	1.454
21)	B Endrin ke...	6.775	7.567	4453099	28947178	1.780	1.550
22)	Mirex	6.941	8.016	3117735	14856630	1.699	1.248 #

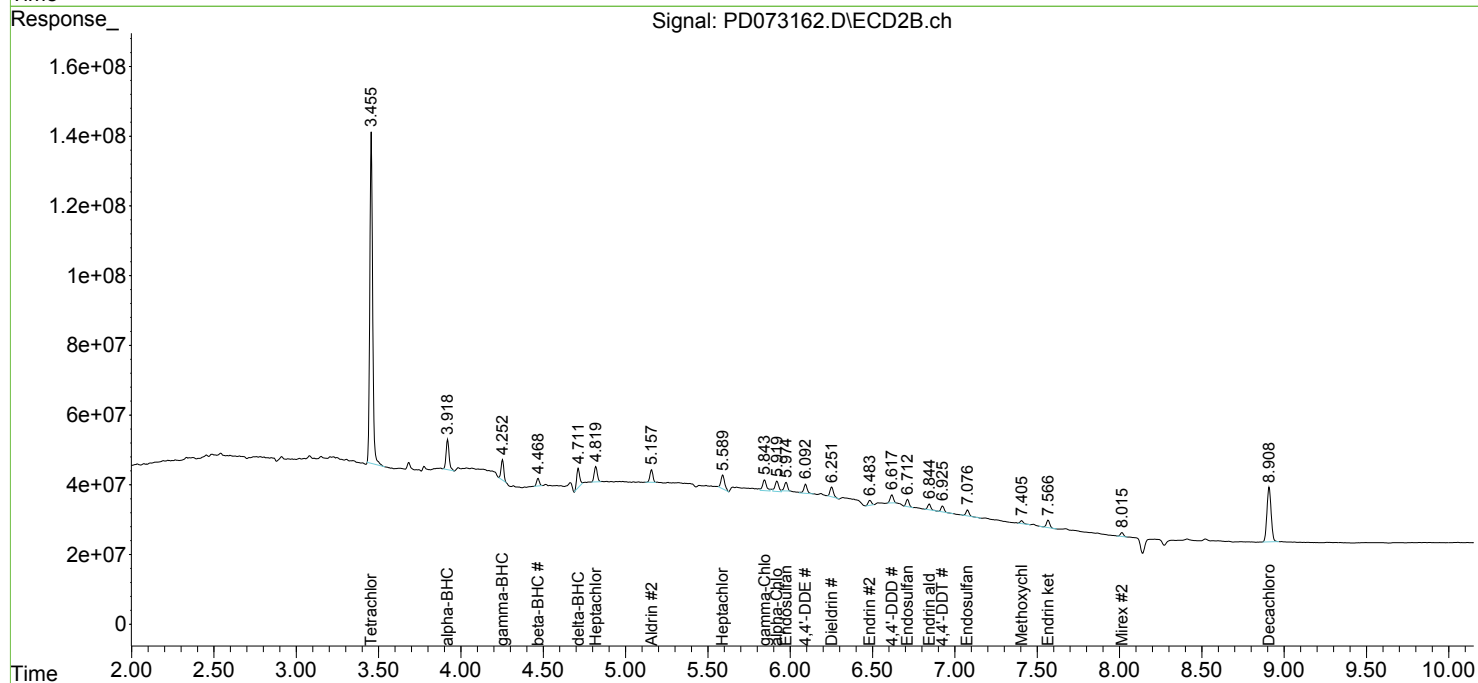
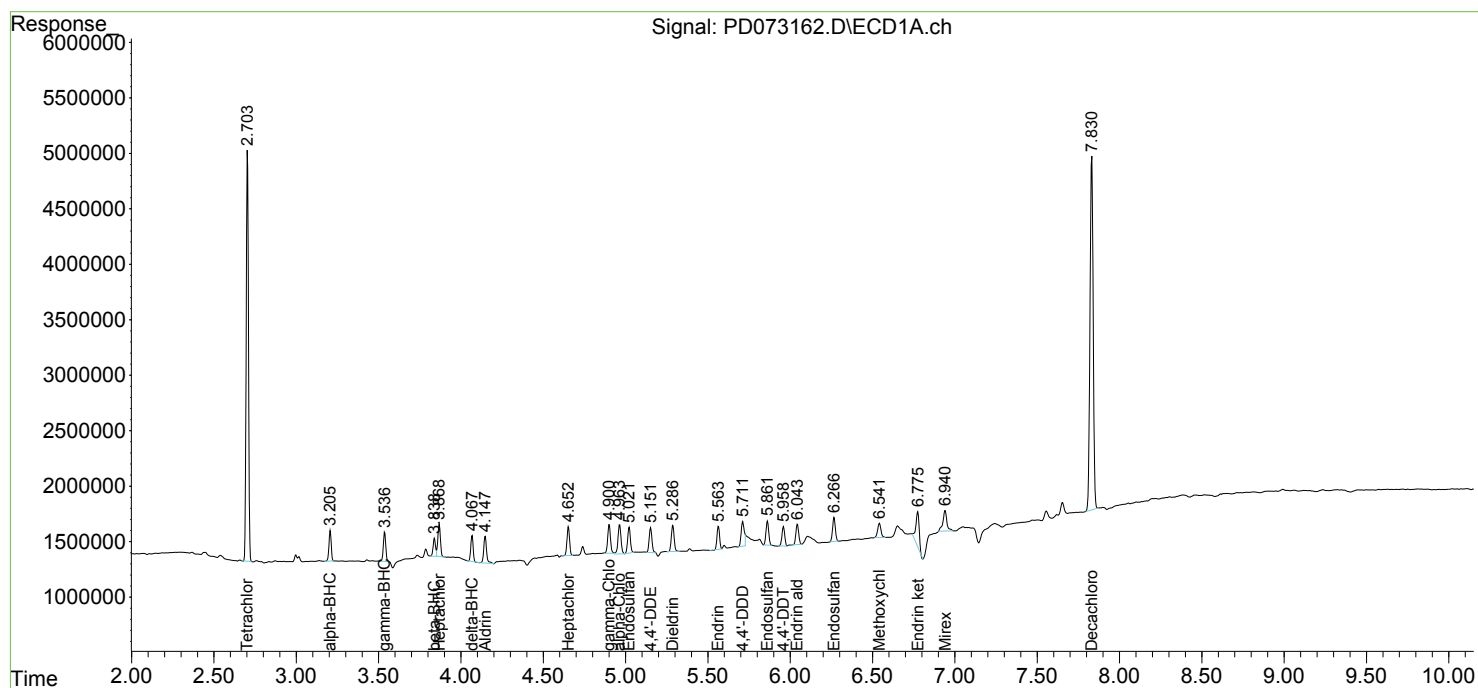
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

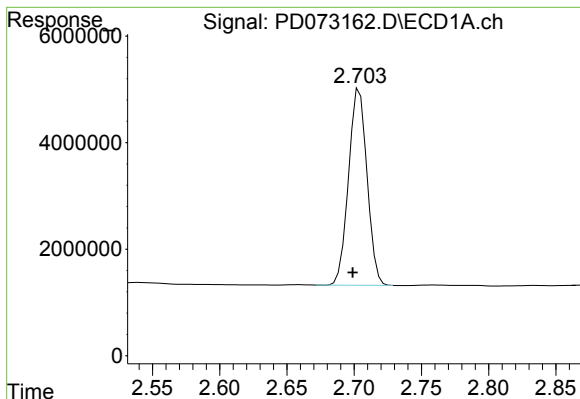
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
Data File : PD073162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2022 13:17
Operator : AR\AJ
Sample : N4955-07
Misc : PEST LOD 1PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:48:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111622.M
Quant Title : GC Extractables
QLast Update : Thu Nov 17 03:26:54 2022
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

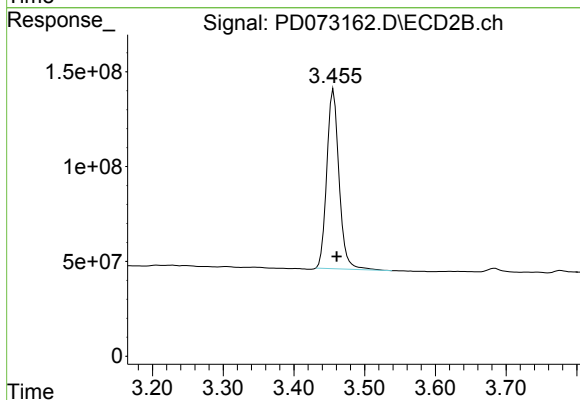




#1 Tetrachloro-m-xylene

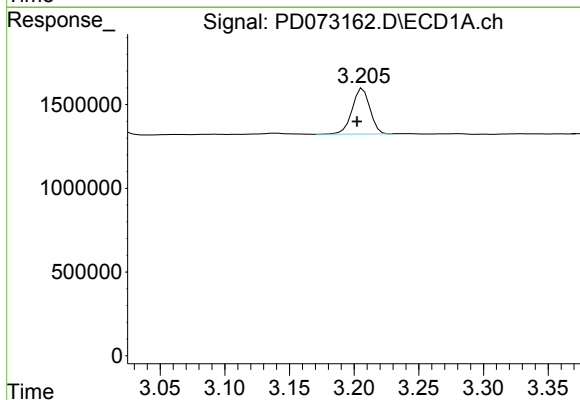
R.T.: 2.704 min
Delta R.T.: 0.005 min
Response: 35282383
Conc: 16.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



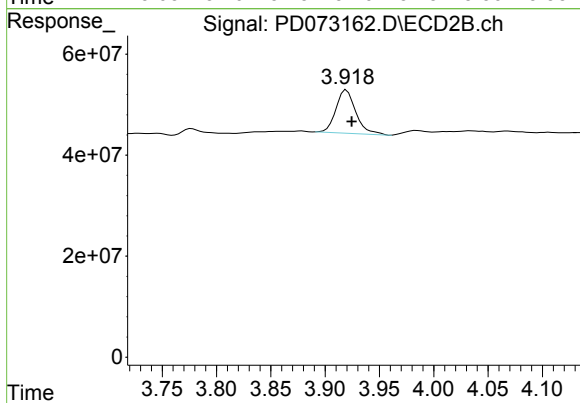
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.004 min
Response: 1136852444
Conc: 20.52 ng/ml



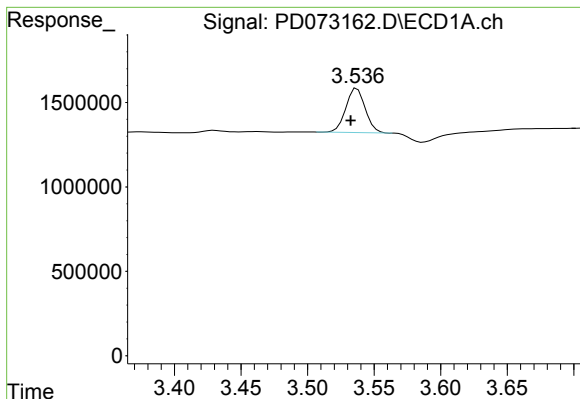
#2 alpha-BHC

R.T.: 3.207 min
Delta R.T.: 0.005 min
Response: 2606361
Conc: 0.76 ng/ml



#2 alpha-BHC

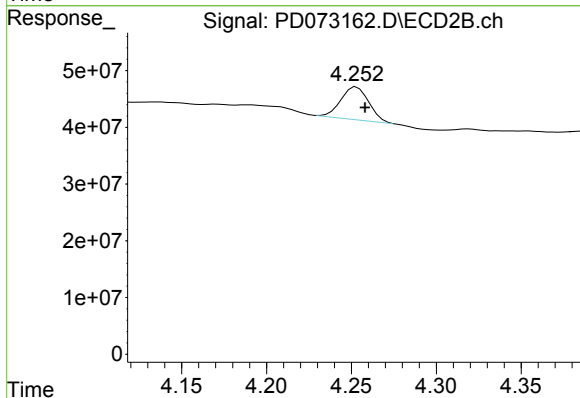
R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 109621382
Conc: 1.49 ng/ml



#3 gamma-BHC (Lindane)

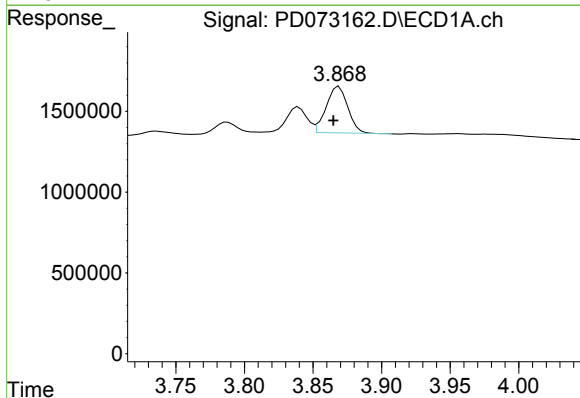
R.T.: 3.537 min
Delta R.T.: 0.005 min
Response: 2644253
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



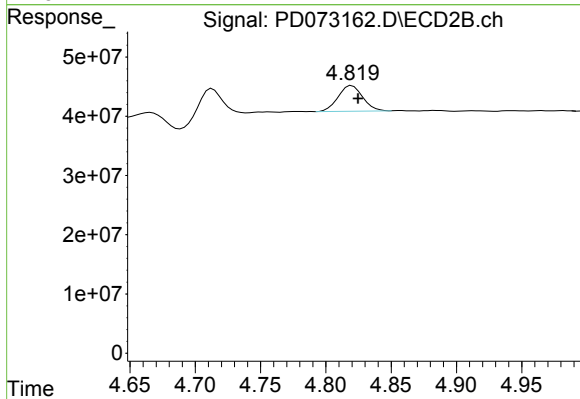
#3 gamma-BHC (Lindane)

R.T.: 4.252 min
Delta R.T.: -0.006 min
Response: 66143471
Conc: 1.17 ng/ml m



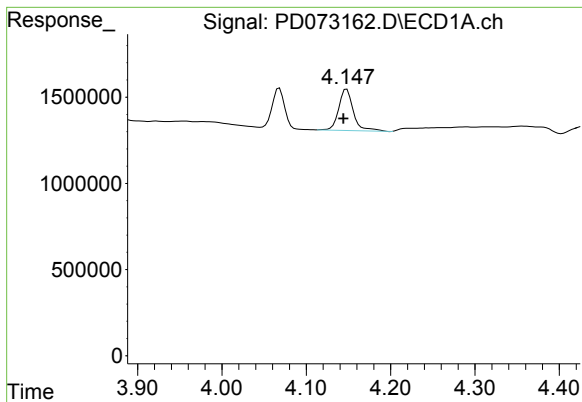
#4 Heptachlor

R.T.: 3.869 min
Delta R.T.: 0.004 min
Response: 3132605
Conc: 1.06 ng/ml



#4 Heptachlor

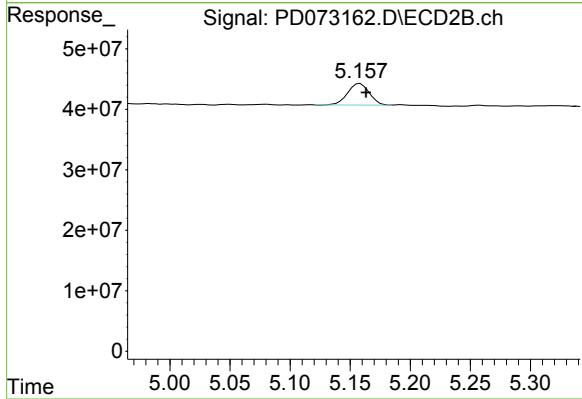
R.T.: 4.820 min
Delta R.T.: -0.005 min
Response: 56654578
Conc: 1.51 ng/ml



#5 Aldrin

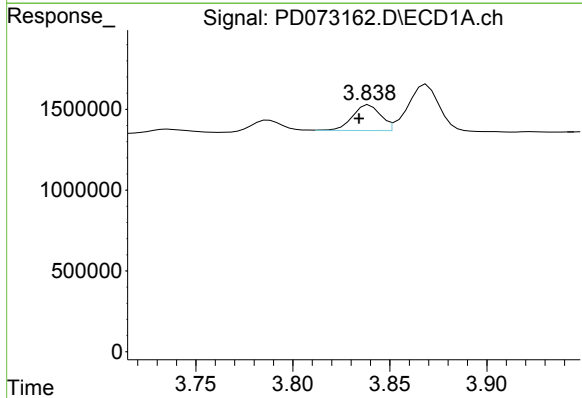
R.T.: 4.148 min
Delta R.T.: 0.004 min
Response: 2856323
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



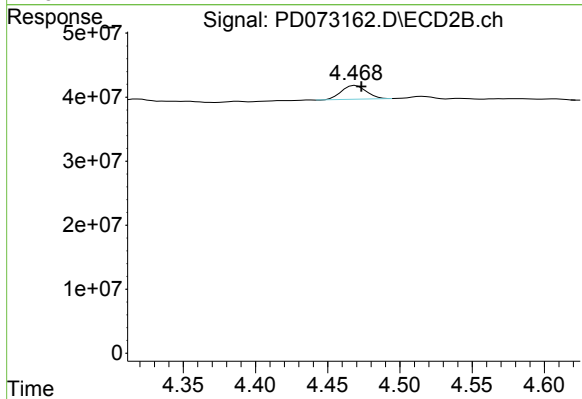
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 44629009
Conc: 1.38 ng/ml



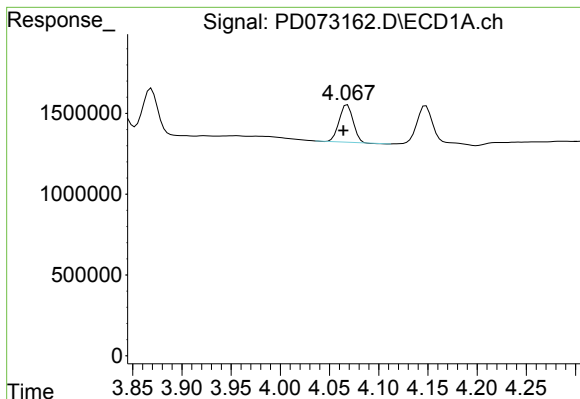
#6 beta-BHC

R.T.: 3.838 min
Delta R.T.: 0.004 min
Response: 1552186
Conc: 1.21 ng/ml m



#6 beta-BHC

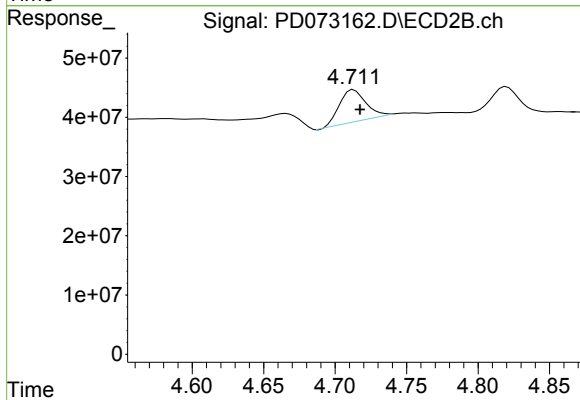
R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 25602185
Conc: 1.22 ng/ml



#7 delta-BHC

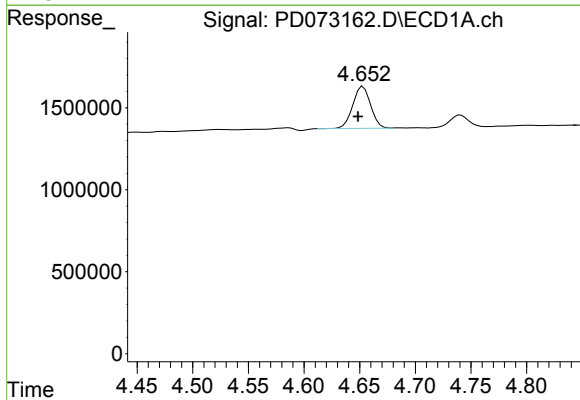
R.T.: 4.068 min
Delta R.T.: 0.004 min
Response: 2294673
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



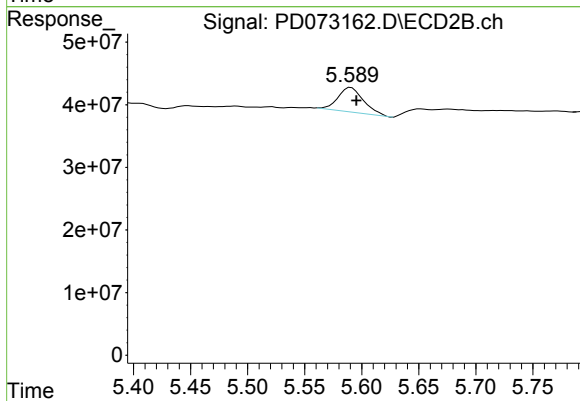
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: -0.004 min
Response: 68615643
Conc: 1.69 ng/ml



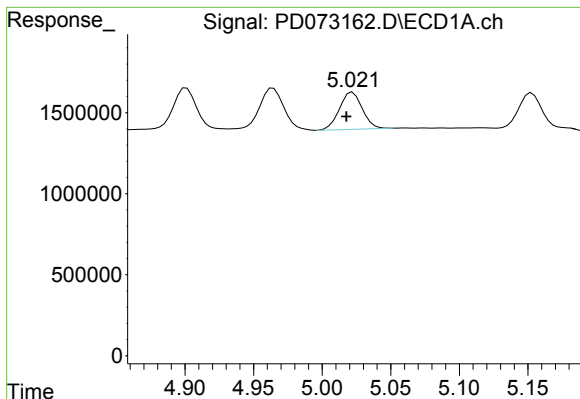
#8 Heptachlor epoxide

R.T.: 4.653 min
Delta R.T.: 0.005 min
Response: 2857573
Conc: 1.07 ng/ml



#8 Heptachlor epoxide

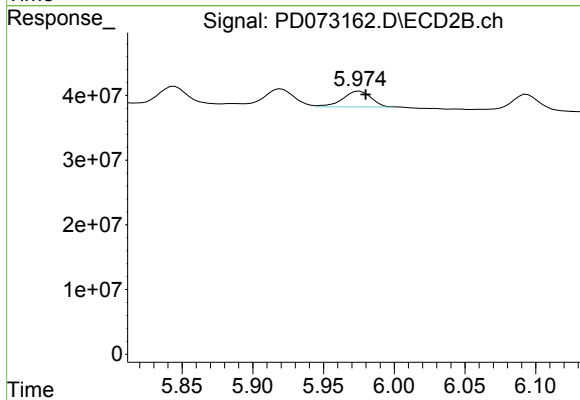
R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 61627300
Conc: 2.30 ng/ml



#9 Endosulfan I

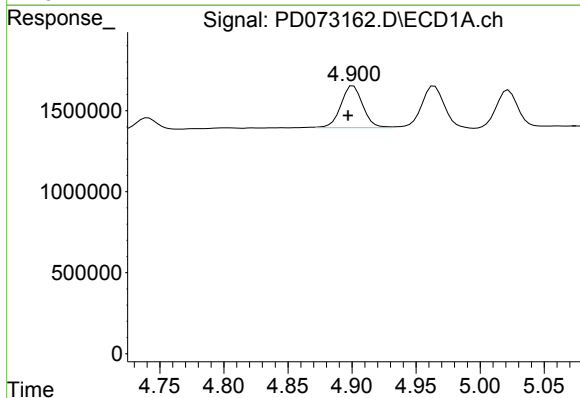
R.T.: 5.022 min
Delta R.T.: 0.005 min
Response: 2652644
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



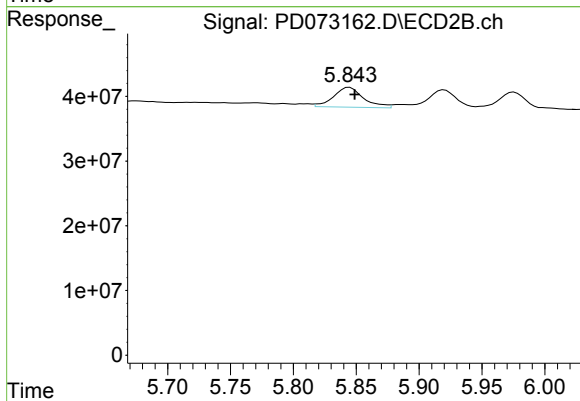
#9 Endosulfan I

R.T.: 5.974 min
Delta R.T.: -0.006 min
Response: 33997222
Conc: 1.38 ng/ml m



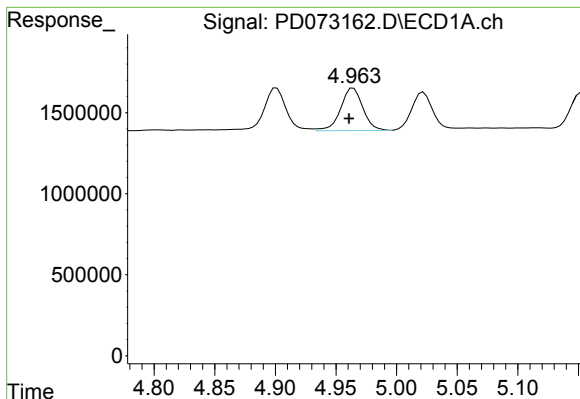
#10 gamma-Chlordane

R.T.: 4.900 min
Delta R.T.: 0.003 min
Response: 3043238
Conc: 1.11 ng/ml m



#10 gamma-Chlordane

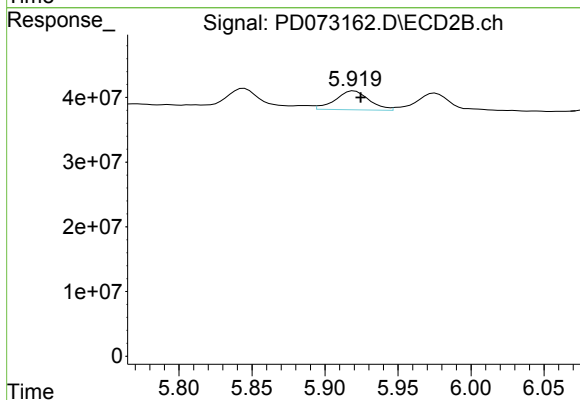
R.T.: 5.845 min
Delta R.T.: -0.004 min
Response: 51052885
Conc: 1.92 ng/ml



#11 alpha-Chlordane

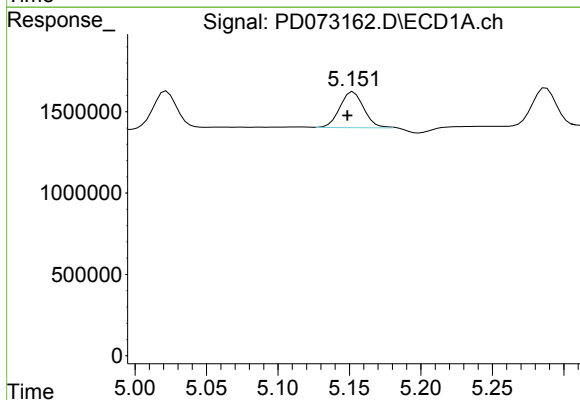
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 3334467
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



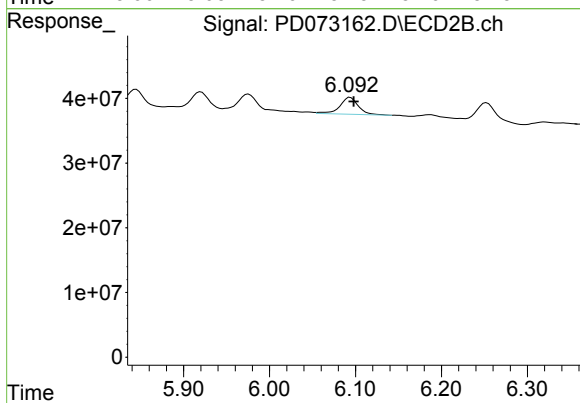
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 46881891
Conc: 1.81 ng/ml



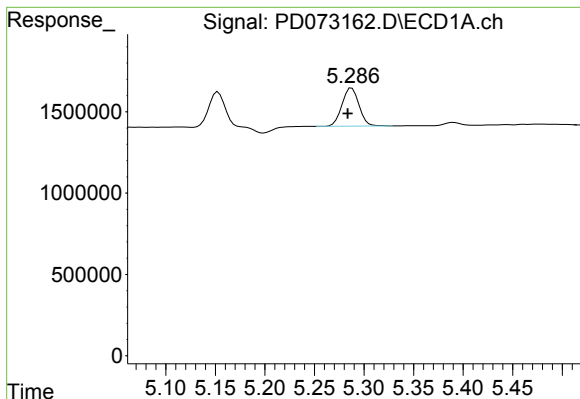
#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: 0.003 min
Response: 2589293
Conc: 1.01 ng/ml m



#12 4,4'-DDE

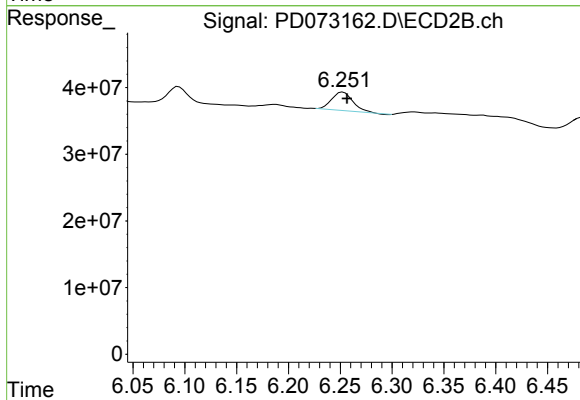
R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 37924285
Conc: 1.53 ng/ml



#13 Dieldrin

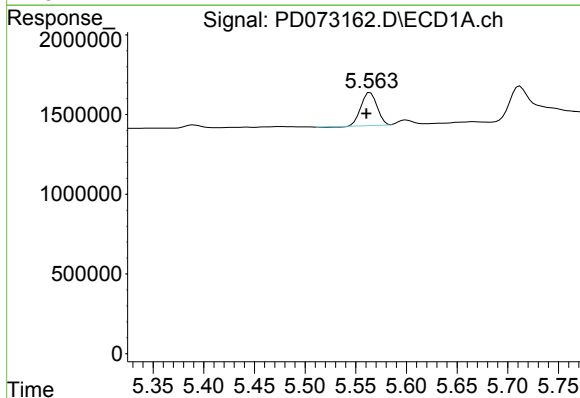
R.T.: 5.288 min
Delta R.T.: 0.004 min
Response: 2807881
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



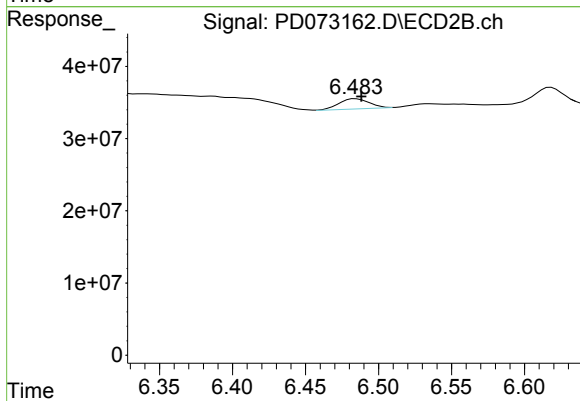
#13 Dieldrin

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 37938072
Conc: 1.51 ng/ml



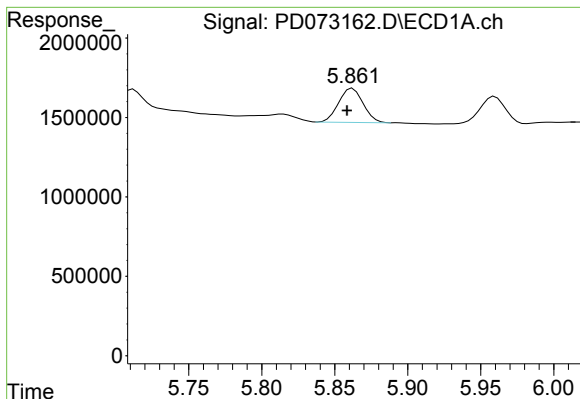
#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.004 min
Response: 2265341
Conc: 0.93 ng/ml



#14 Endrin

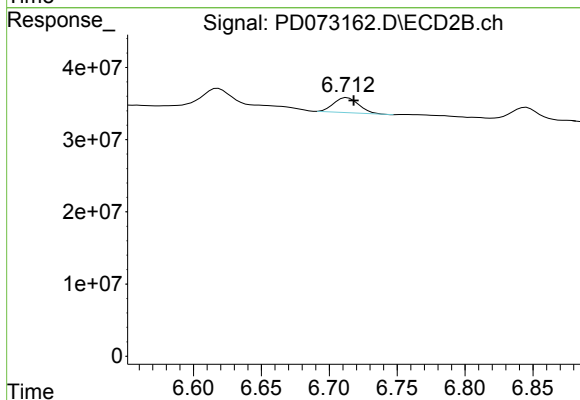
R.T.: 6.483 min
Delta R.T.: -0.005 min
Response: 20662281
Conc: 0.95 ng/ml m



#15 Endosulfan II

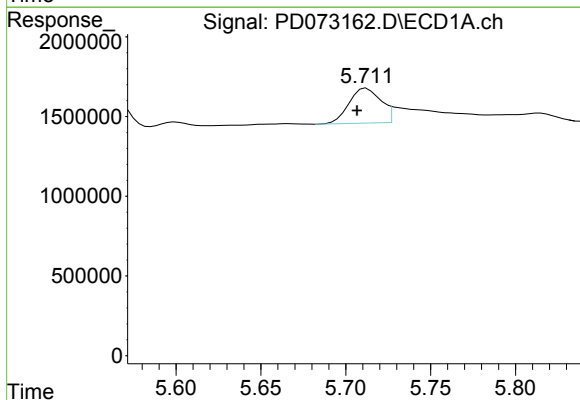
R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 2507834
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



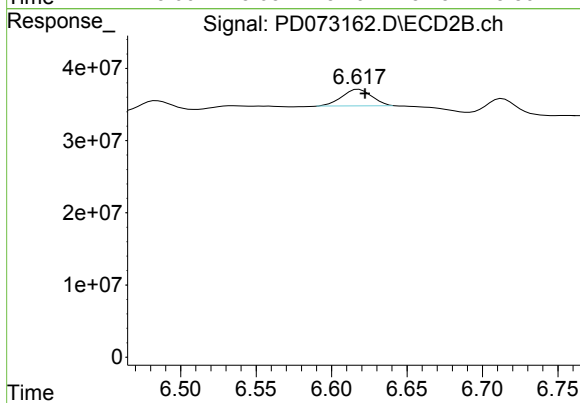
#15 Endosulfan II

R.T.: 6.713 min
Delta R.T.: -0.005 min
Response: 26972321
Conc: 1.37 ng/ml



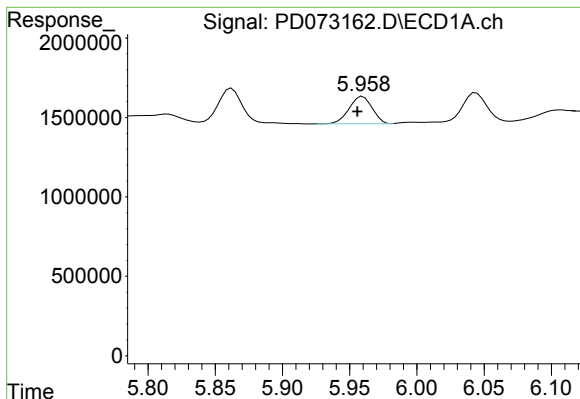
#16 4,4'-DDD

R.T.: 5.711 min
Delta R.T.: 0.004 min
Response: 2860786
Conc: 1.34 ng/ml m



#16 4,4'-DDD

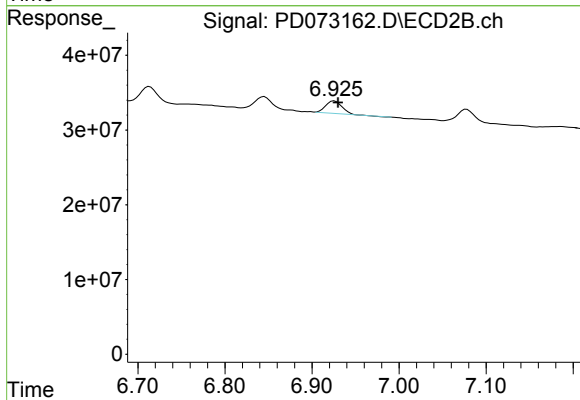
R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 31700192
Conc: 1.62 ng/ml m



#17 4,4'-DDT

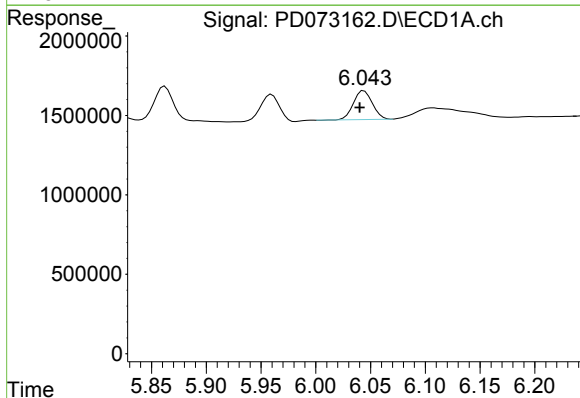
R.T.: 5.960 min
Delta R.T.: 0.004 min
Response: 2052904
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



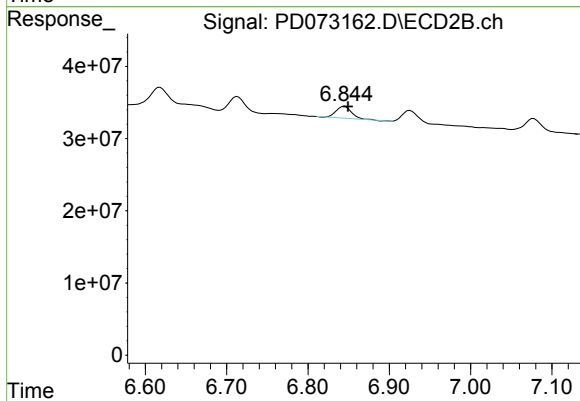
#17 4,4'-DDT

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 20741967
Conc: 1.11 ng/ml



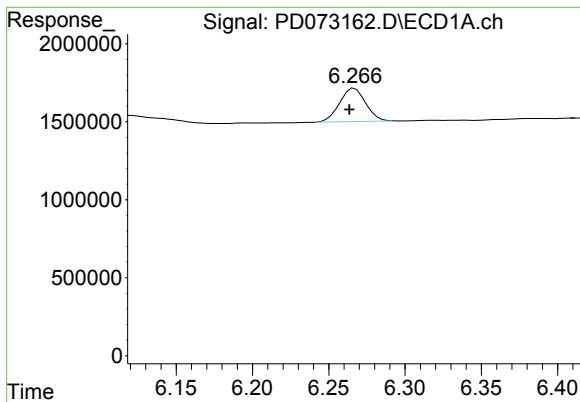
#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.004 min
Response: 2193421
Conc: 1.28 ng/ml



#18 Endrin aldehyde

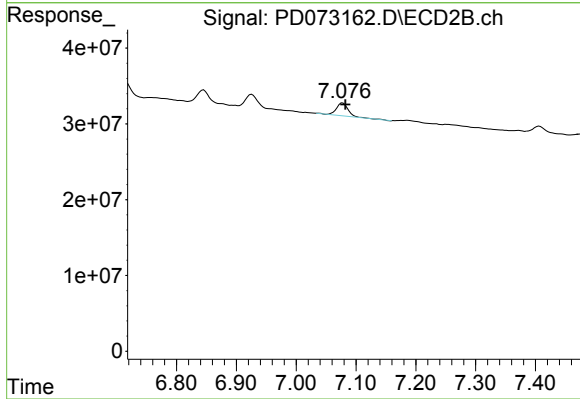
R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 22005934
Conc: 1.48 ng/ml



#19 Endosulfan Sulfate

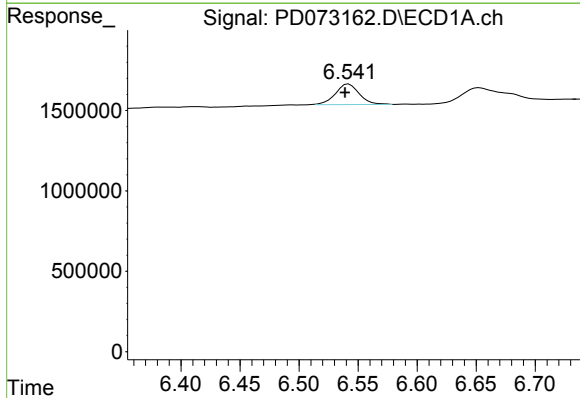
R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 2536014
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



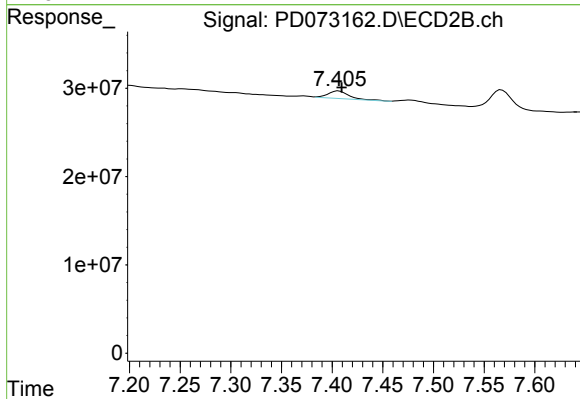
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.005 min
Response: 22199660
Conc: 1.27 ng/ml



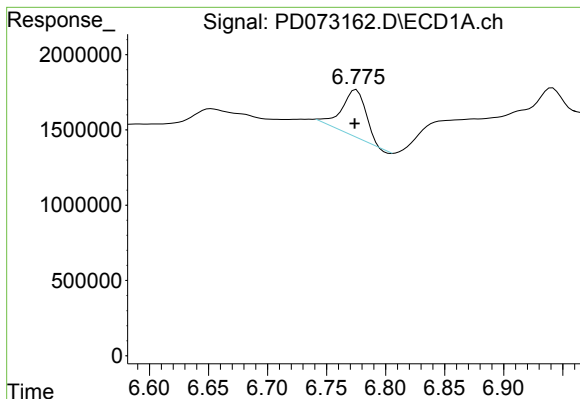
#20 Methoxychlor

R.T.: 6.541 min
Delta R.T.: 0.002 min
Response: 1789207
Conc: 1.56 ng/ml m



#20 Methoxychlor

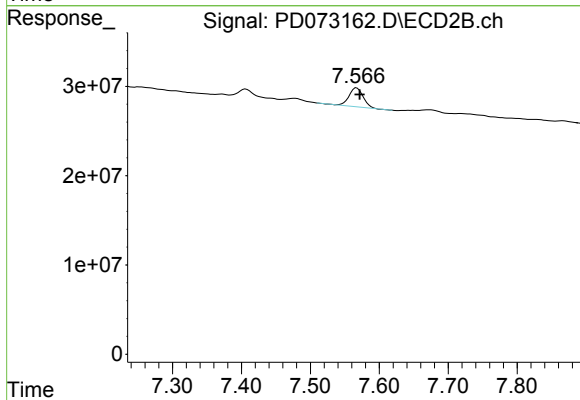
R.T.: 7.406 min
Delta R.T.: -0.003 min
Response: 12730309
Conc: 1.45 ng/ml



#21 Endrin ketone

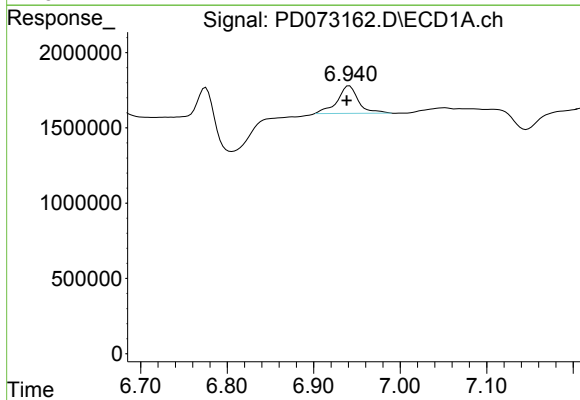
R.T.: 6.775 min
Delta R.T.: 0.001 min
Response: 4453099
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



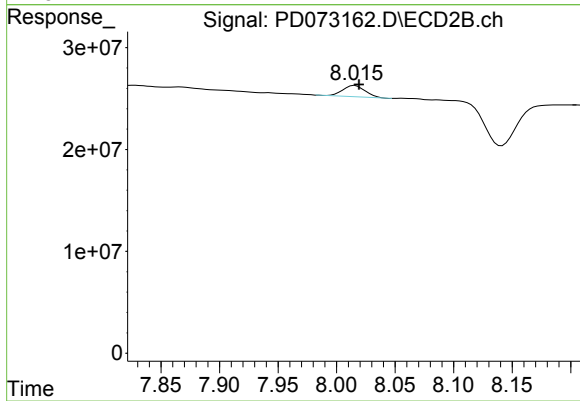
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.004 min
Response: 28947178
Conc: 1.55 ng/ml



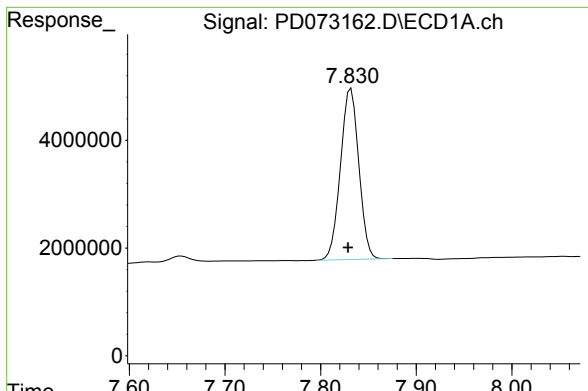
#22 Mirex

R.T.: 6.941 min
Delta R.T.: 0.003 min
Response: 3117735
Conc: 1.70 ng/ml



#22 Mirex

R.T.: 8.016 min
Delta R.T.: -0.004 min
Response: 14856630
Conc: 1.25 ng/ml



#28 Decachlorobiphenyl

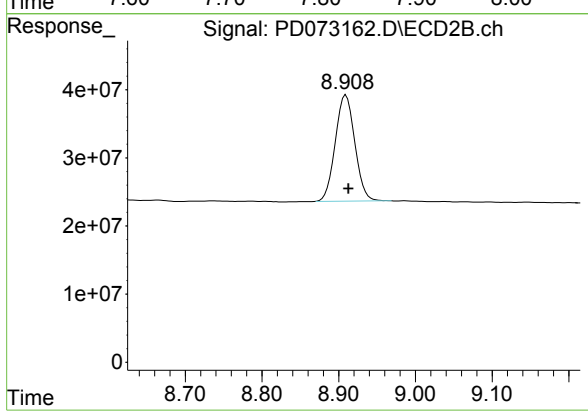
R.T.: 7.832 min

Delta R.T.: 0.003 min

Response: 42498781

Conc: 20.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



#28 Decachlorobiphenyl

R.T.: 8.909 min

Delta R.T.: -0.003 min

Response: 276761538

Conc: 21.65 ng/ml