

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
 Data File : PD073166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2022 16:27
 Operator : AR\AJ
 Sample : N4955-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:51:00 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...	2.702	3.458	39311368	1109.3E6	18.525	20.024
28)	SA Decachlor...	7.829	8.910	42452643	277.4E6	20.610	21.706
Target Compounds							
2)	A alpha-BHC	3.205	3.922	15624035	416.6E6	4.531	5.670 #
3)	MA gamma-BHC...	3.535	4.255	12864632	326.8E6	4.639	5.769
4)	MA Heptachlor	3.867	4.821	14446742	234.0E6	4.905	6.239 #
5)	MB Aldrin	4.146	5.160	14779127	201.9E6	4.966	6.255 #
6)	B beta-BHC	3.837	4.471	6826286	123.5E6	5.329	5.898
7)	B delta-BHC	4.066	4.715	13869582	258.6E6	4.473	6.352 #
8)	B Heptachlo...	4.651	5.593	13557828	170.3E6	5.075	6.356 #
9)	A Endosulfan I	5.019	5.977	12611690	152.6E6	5.040	6.207
10)	B gamma-Chl...	4.899	5.846	13779779	162.9E6	5.026	6.142
11)	B alpha-Chl...	4.962	5.922	13825583	159.3E6	5.142	6.167
12)	B 4,4'-DDE	5.150	6.095	12412384	148.8E6	4.849	5.989
13)	MA Dieldrin	5.285	6.254	13643713	157.2E6	5.168	6.244
14)	MA Endrin	5.562	6.485	12487864	125.4E6	5.154	5.792
15)	B Endosulfa...	5.860	6.715	11899700	126.7E6	5.503	6.460
16)	A 4,4'-DDD	5.707	6.620	10399290	116.9E6	4.875m	5.968
17)	MA 4,4'-DDT	5.957	6.928	9805784	110.5E6	5.119	5.919
18)	B Endrin al...	6.041	6.847	10314026	99352714	5.997	6.663
19)	B Endosulfa...	6.265	7.080	12347968	105.9E6	5.616	6.052
20)	A Methoxychlor	6.540	7.408	7052425	51040953	6.133	5.830
21)	B Endrin ke...	6.774	7.569	15347276	113.2E6	6.133	6.061
22)	Mirex	6.939	8.017	11336304	75111594	6.177	6.312

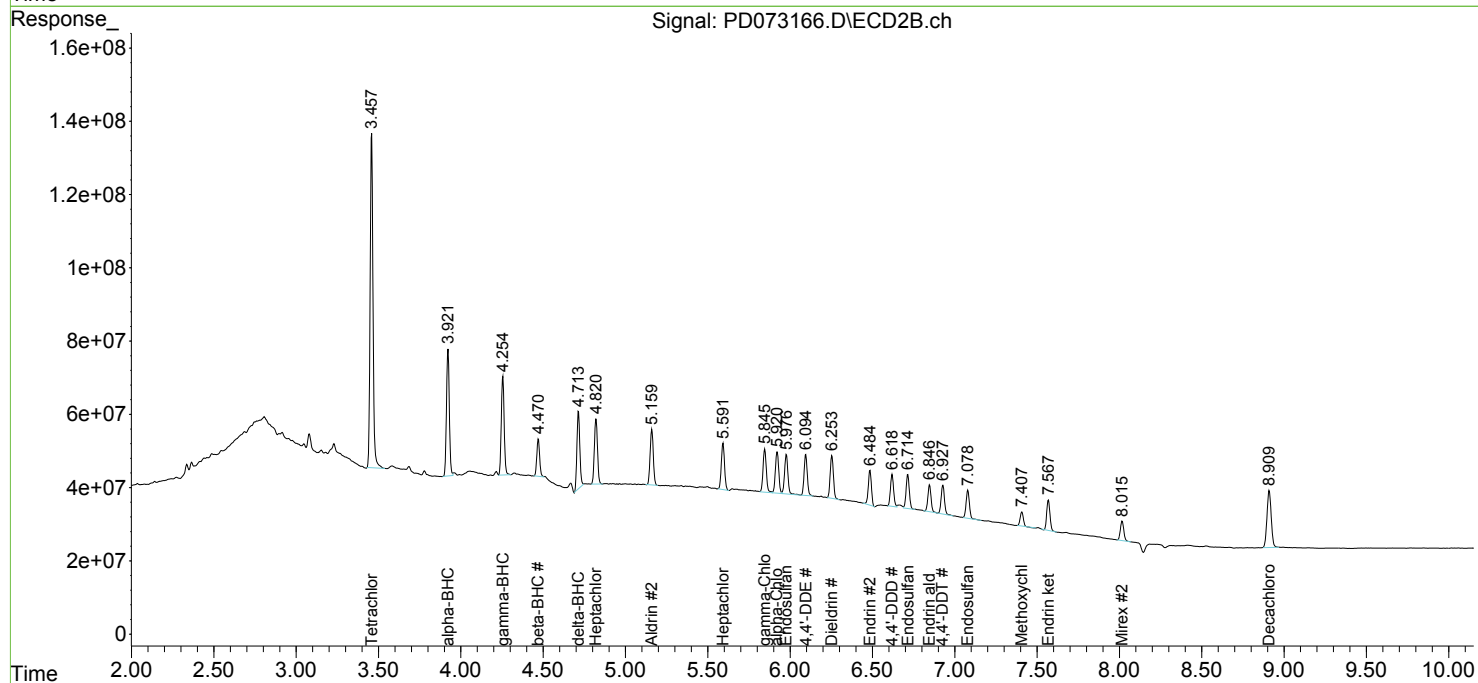
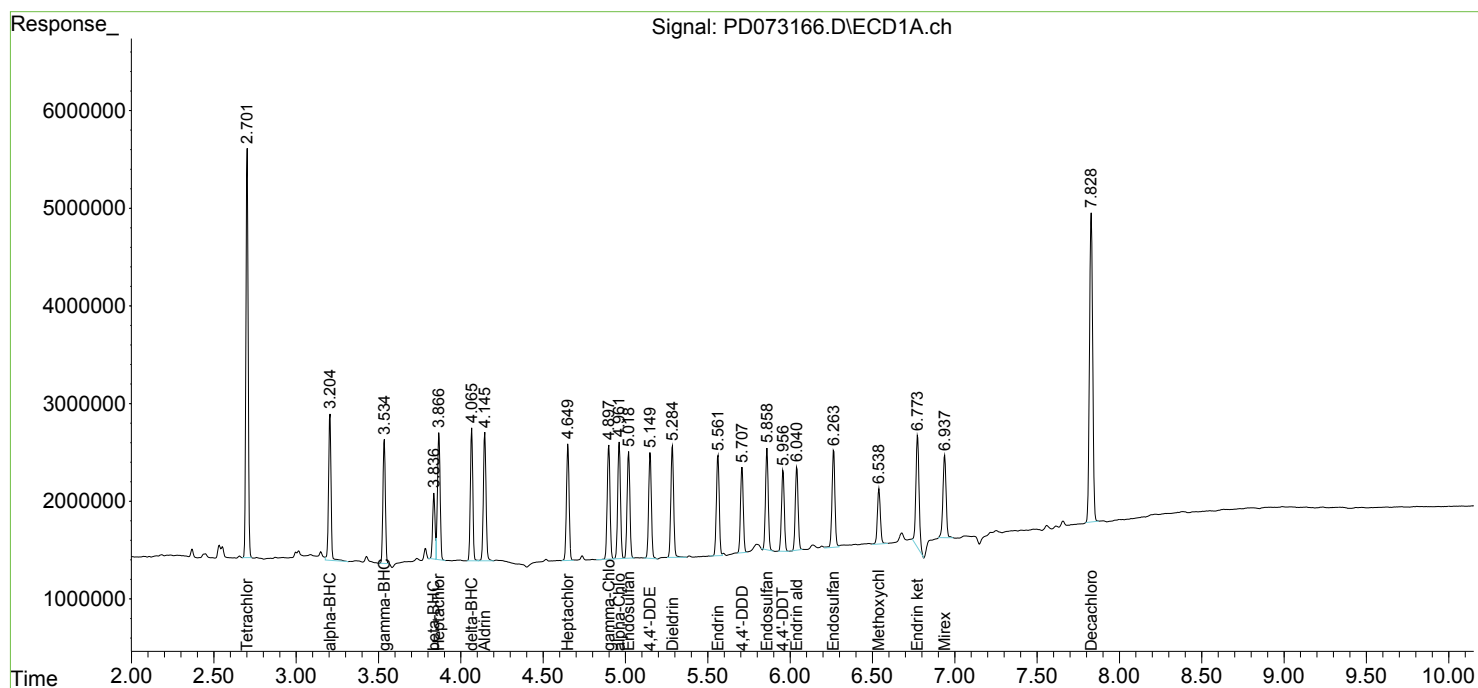
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

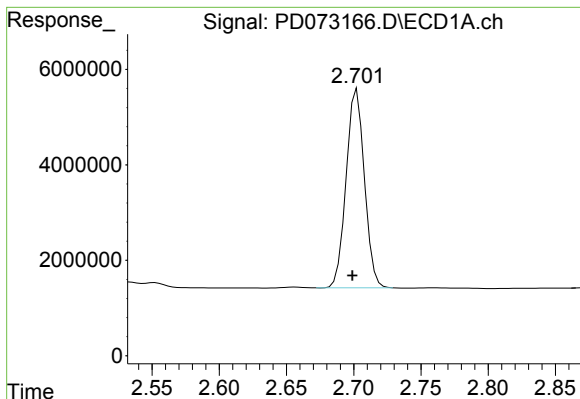
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
Data File : PD073166.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2022 16:27
Operator : AR\AJ
Sample : N4955-08
Misc : PEST LOQ 5PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:51:00 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD11622.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

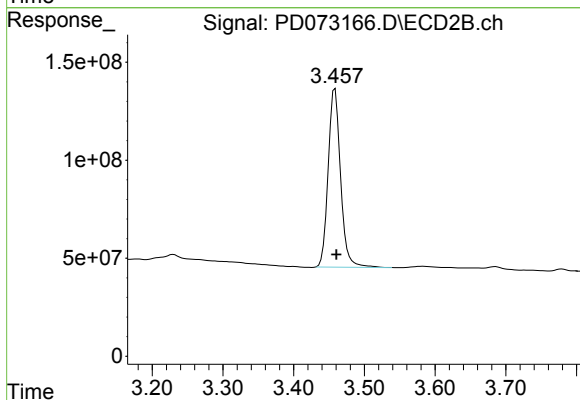




#1 Tetrachloro-m-xylene

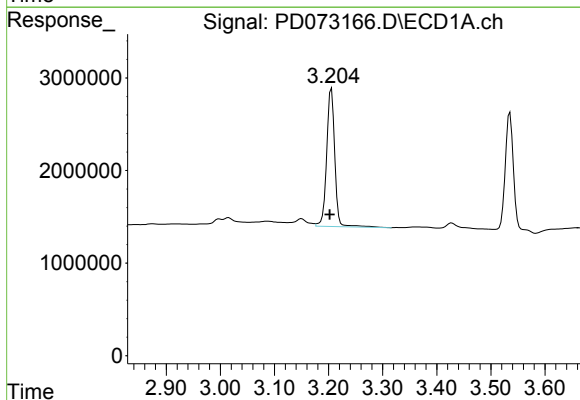
R.T.: 2.702 min
Delta R.T.: 0.003 min
Response: 39311368
Conc: 18.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



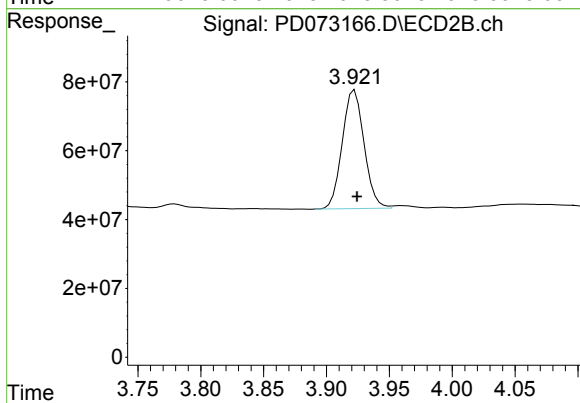
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: -0.002 min
Response: 1109339277
Conc: 20.02 ng/ml



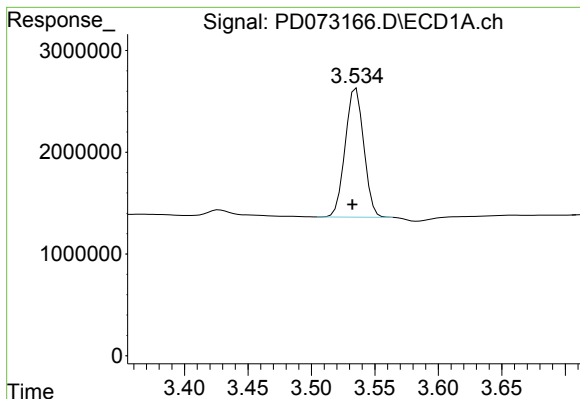
#2 alpha-BHC

R.T.: 3.205 min
Delta R.T.: 0.003 min
Response: 15624035
Conc: 4.53 ng/ml



#2 alpha-BHC

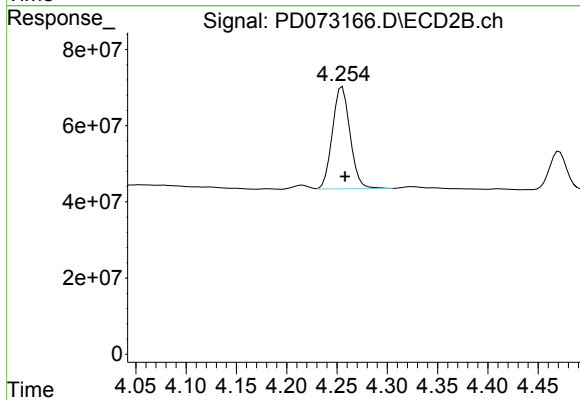
R.T.: 3.922 min
Delta R.T.: -0.002 min
Response: 416550089
Conc: 5.67 ng/ml



#3 gamma-BHC (Lindane)

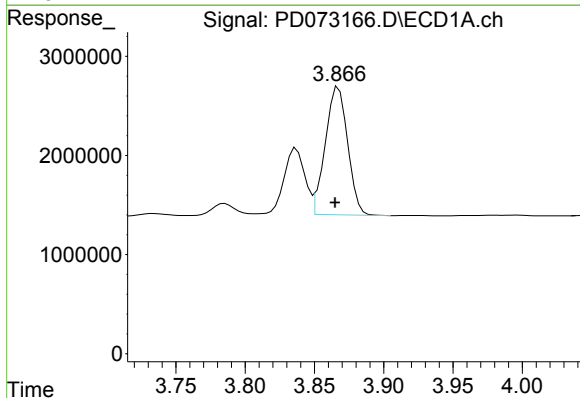
R.T.: 3.535 min
Delta R.T.: 0.003 min
Response: 12864632
Conc: 4.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



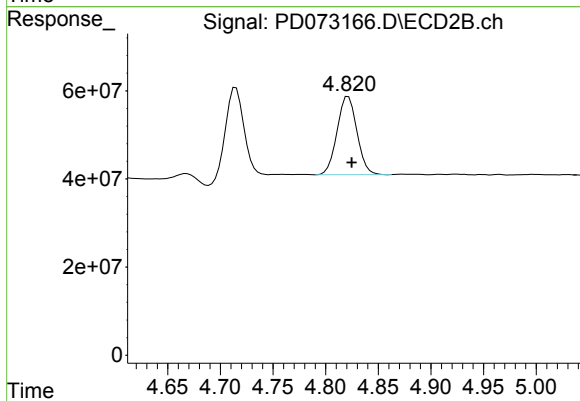
#3 gamma-BHC (Lindane)

R.T.: 4.255 min
Delta R.T.: -0.003 min
Response: 326810320
Conc: 5.77 ng/ml



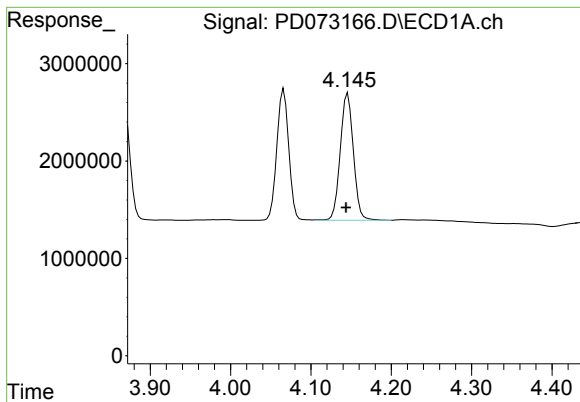
#4 Heptachlor

R.T.: 3.867 min
Delta R.T.: 0.003 min
Response: 14446742
Conc: 4.91 ng/ml



#4 Heptachlor

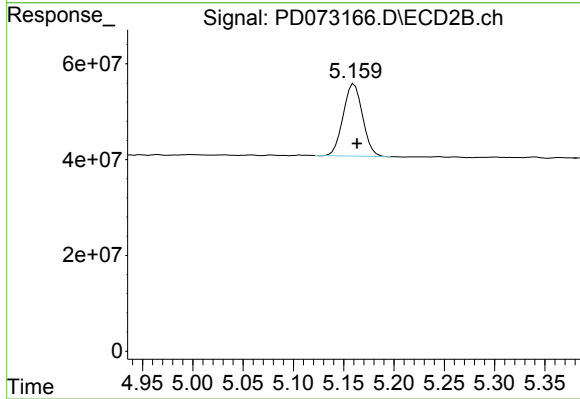
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 234018619
Conc: 6.24 ng/ml



#5 Aldrin

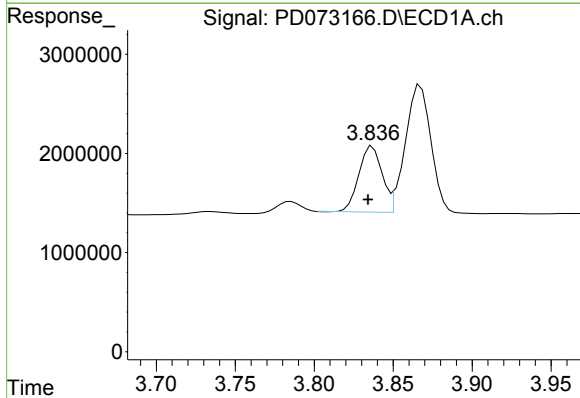
R.T.: 4.146 min
Delta R.T.: 0.002 min
Response: 14779127
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



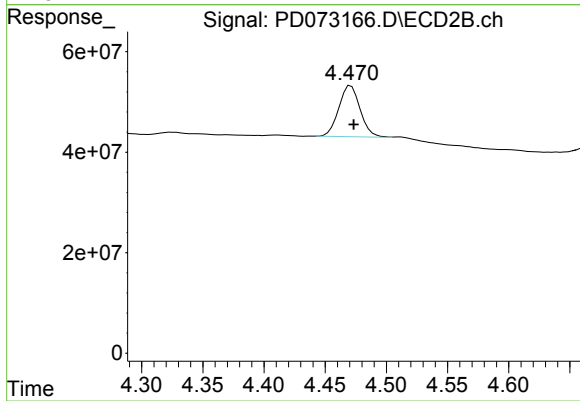
#5 Aldrin

R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 201940709
Conc: 6.25 ng/ml



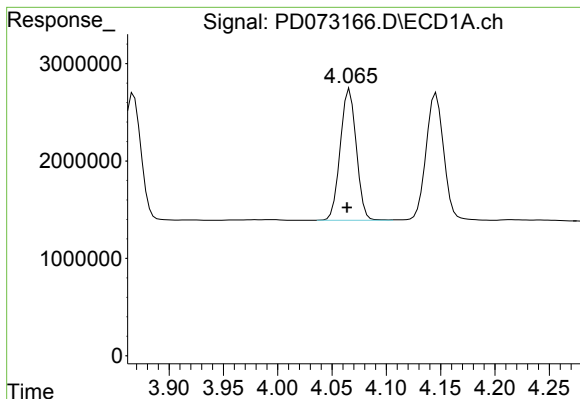
#6 beta-BHC

R.T.: 3.837 min
Delta R.T.: 0.003 min
Response: 6826286
Conc: 5.33 ng/ml



#6 beta-BHC

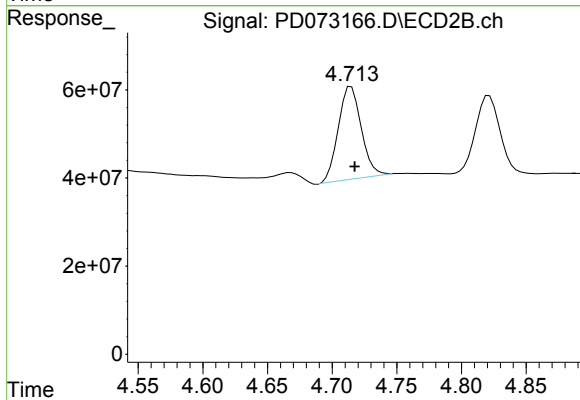
R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 123546157
Conc: 5.90 ng/ml



#7 delta-BHC

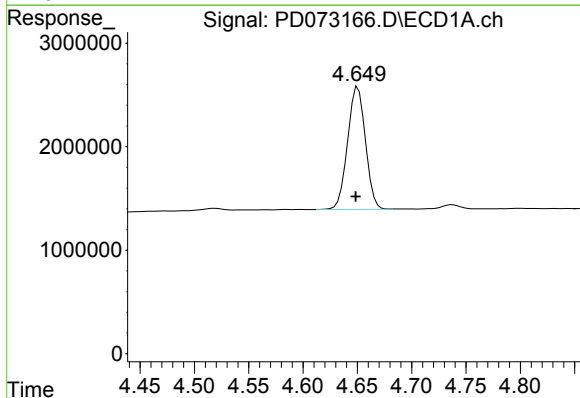
R.T.: 4.066 min
Delta R.T.: 0.002 min
Response: 13869582
Conc: 4.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



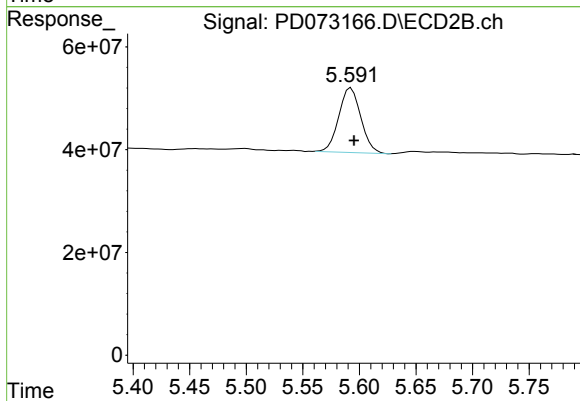
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 258573346
Conc: 6.35 ng/ml



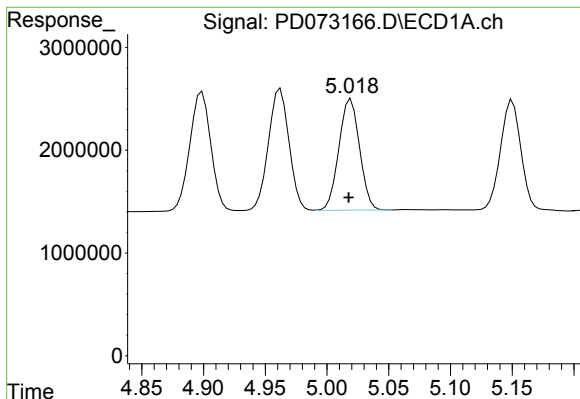
#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: 0.002 min
Response: 13557828
Conc: 5.07 ng/ml



#8 Heptachlor epoxide

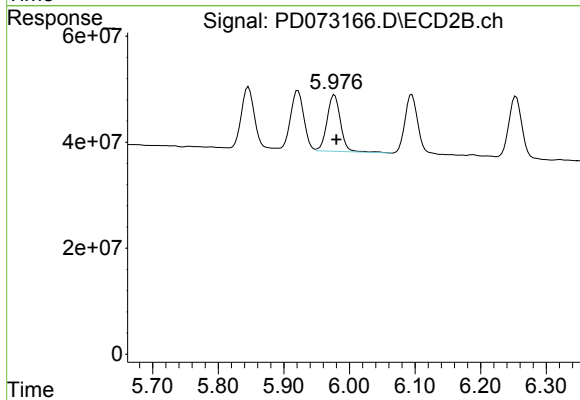
R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 170283421
Conc: 6.36 ng/ml



#9 Endosulfan I

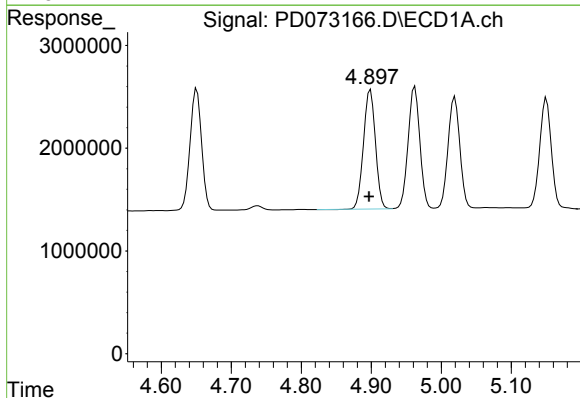
R.T.: 5.019 min
Delta R.T.: 0.002 min
Response: 12611690
Conc: 5.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



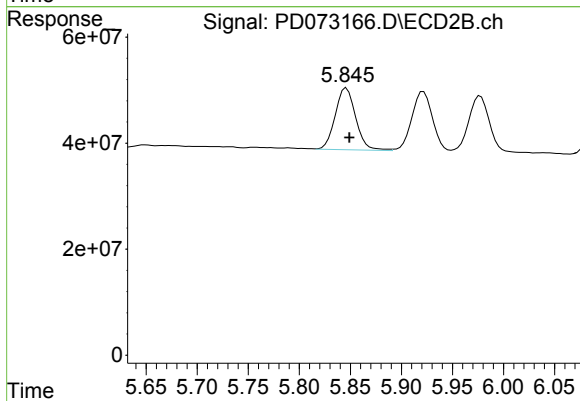
#9 Endosulfan I

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 152628083
Conc: 6.21 ng/ml



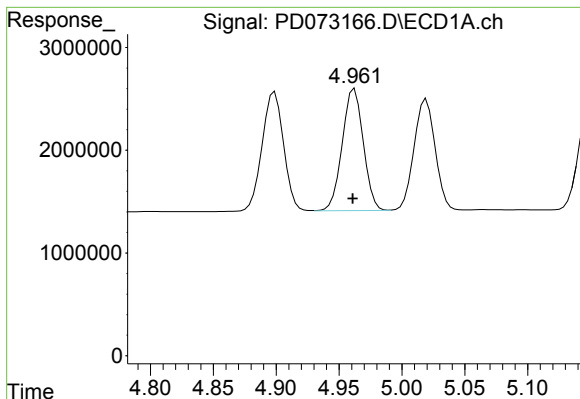
#10 gamma-Chlordane

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 13779779
Conc: 5.03 ng/ml



#10 gamma-Chlordane

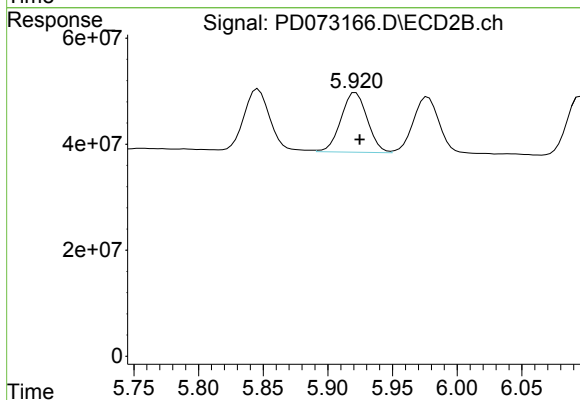
R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 162914067
Conc: 6.14 ng/ml



#11 alpha-Chlordane

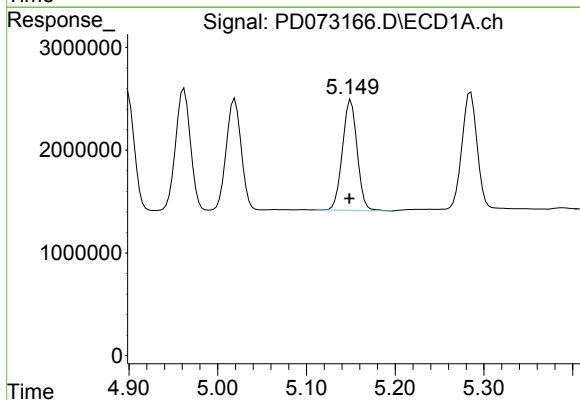
R.T.: 4.962 min
Delta R.T.: 0.001 min
Response: 13825583
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



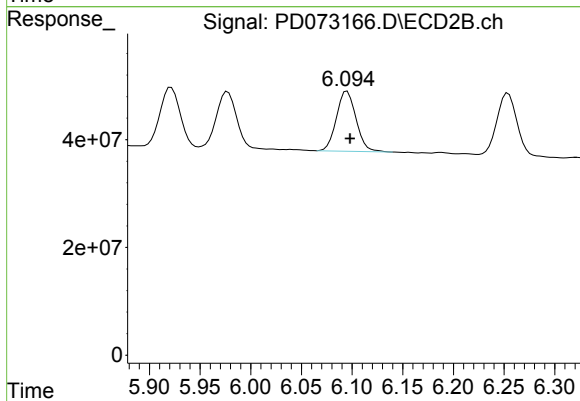
#11 alpha-Chlordane

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 159315224
Conc: 6.17 ng/ml



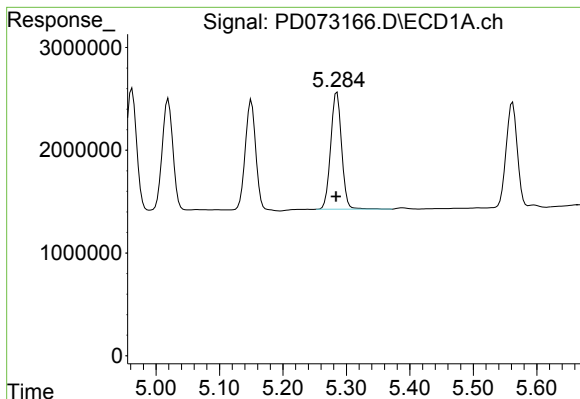
#12 4,4'-DDE

R.T.: 5.150 min
Delta R.T.: 0.002 min
Response: 12412384
Conc: 4.85 ng/ml



#12 4,4'-DDE

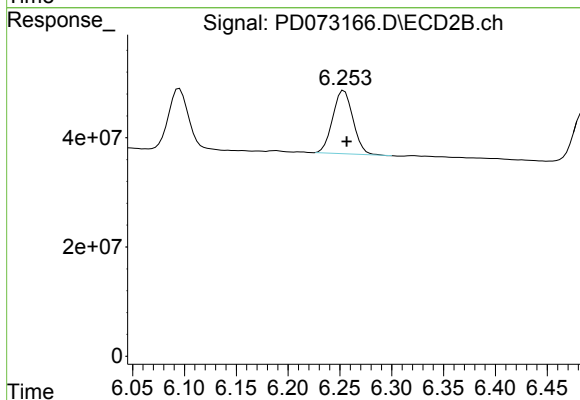
R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 148794412
Conc: 5.99 ng/ml



#13 Dieldrin

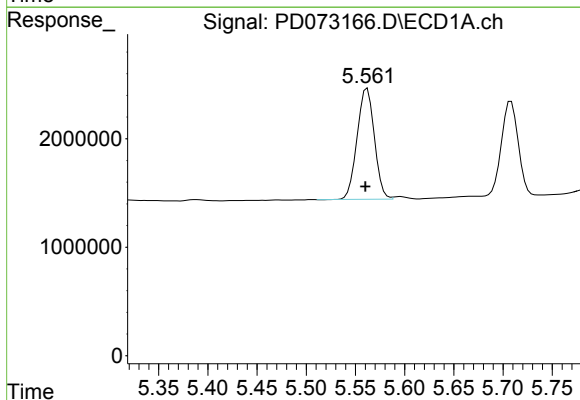
R.T.: 5.285 min
Delta R.T.: 0.002 min
Response: 13643713
Conc: 5.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



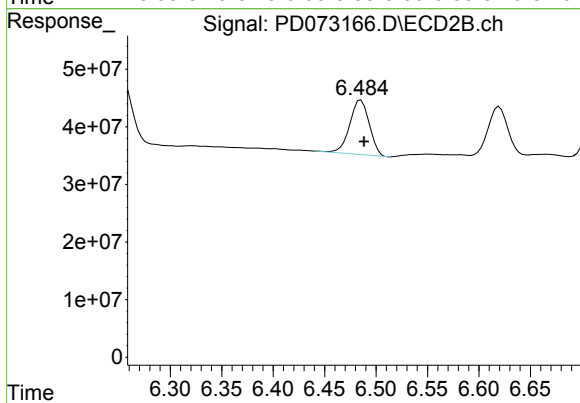
#13 Dieldrin

R.T.: 6.254 min
Delta R.T.: -0.003 min
Response: 157151620
Conc: 6.24 ng/ml



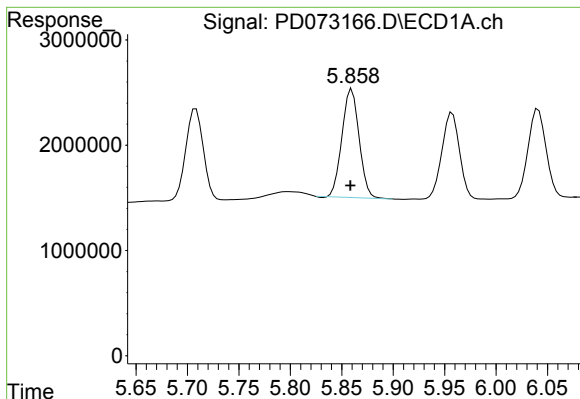
#14 Endrin

R.T.: 5.562 min
Delta R.T.: 0.002 min
Response: 12487864
Conc: 5.15 ng/ml



#14 Endrin

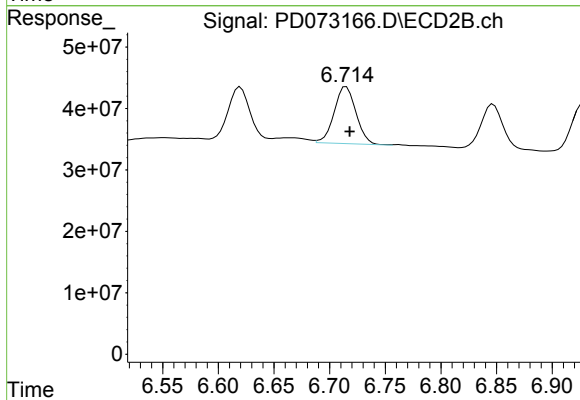
R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 125431009
Conc: 5.79 ng/ml



#15 Endosulfan II

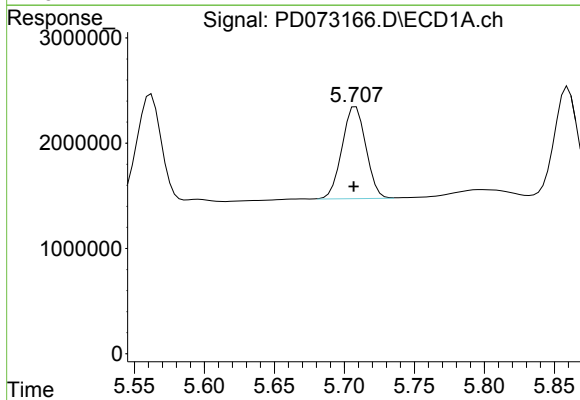
R.T.: 5.860 min
Delta R.T.: 0.001 min
Response: 11899700
Conc: 5.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



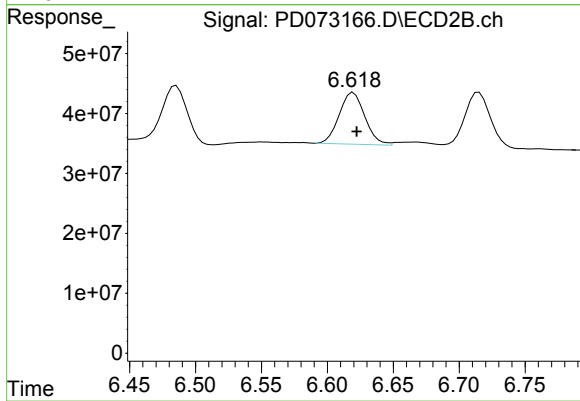
#15 Endosulfan II

R.T.: 6.715 min
Delta R.T.: -0.003 min
Response: 126744397
Conc: 6.46 ng/ml



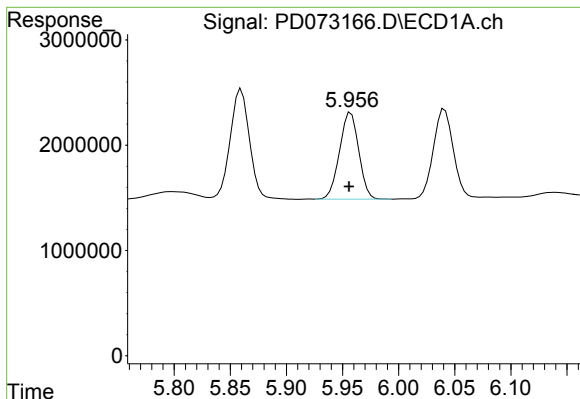
#16 4,4'-DDD

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 10399290
Conc: 4.87 ng/ml m



#16 4,4'-DDD

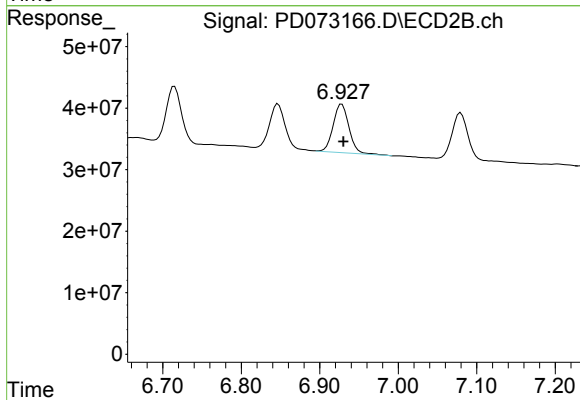
R.T.: 6.620 min
Delta R.T.: -0.002 min
Response: 116918885
Conc: 5.97 ng/ml



#17 4,4'-DDT

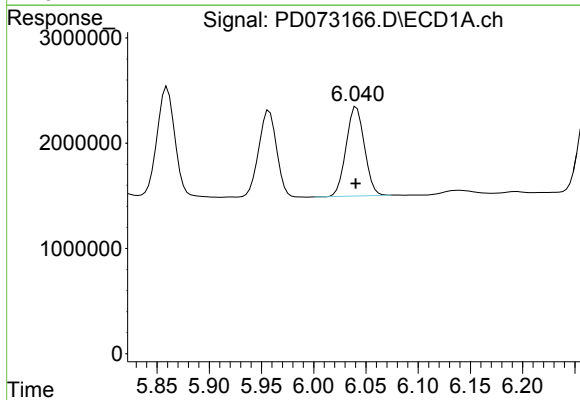
R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 9805784
Conc: 5.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



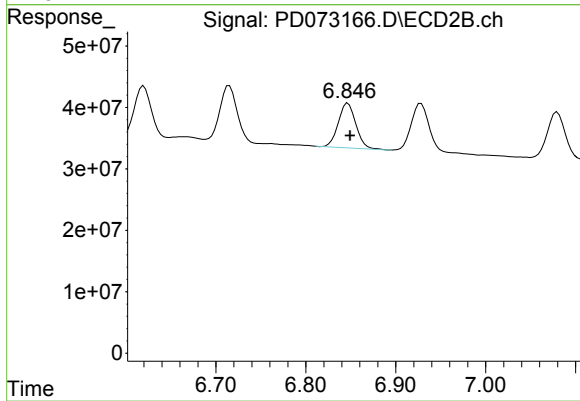
#17 4,4'-DDT

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 110538739
Conc: 5.92 ng/ml



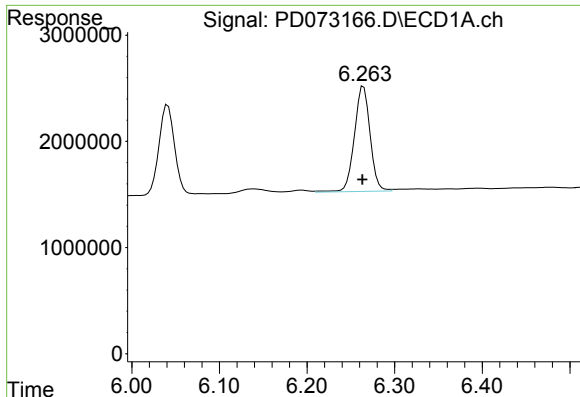
#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 10314026
Conc: 6.00 ng/ml



#18 Endrin aldehyde

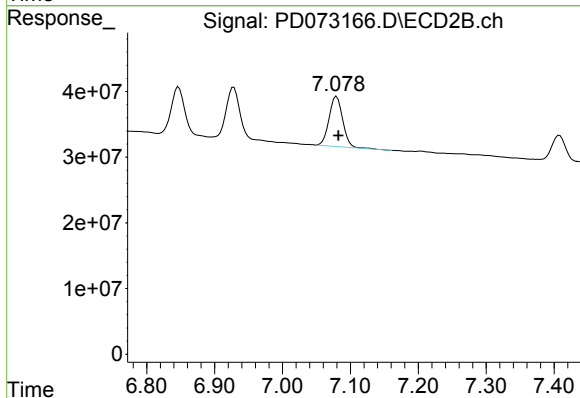
R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 99352714
Conc: 6.66 ng/ml



#19 Endosulfan Sulfate

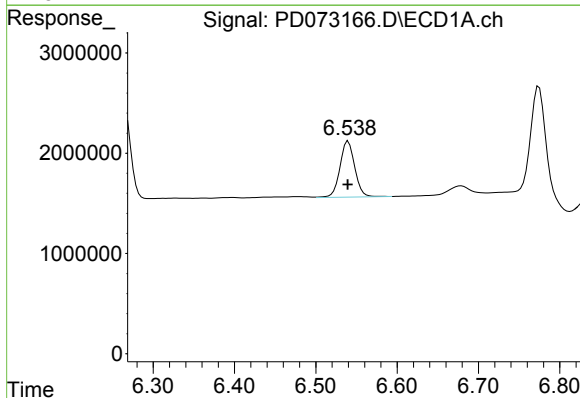
R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 12347968
Conc: 5.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



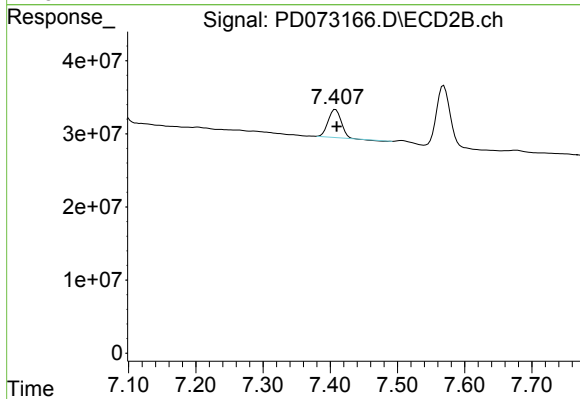
#19 Endosulfan Sulfate

R.T.: 7.080 min
Delta R.T.: -0.003 min
Response: 105884297
Conc: 6.05 ng/ml



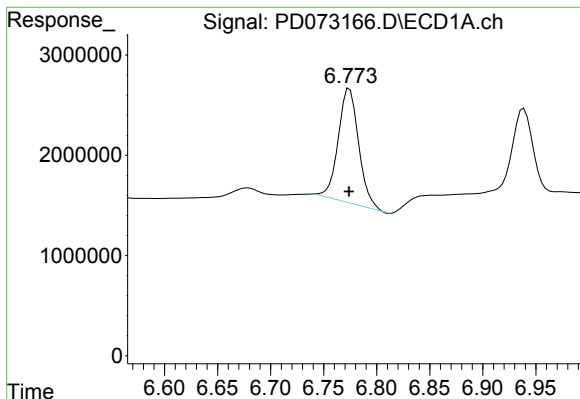
#20 Methoxychlor

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 7052425
Conc: 6.13 ng/ml



#20 Methoxychlor

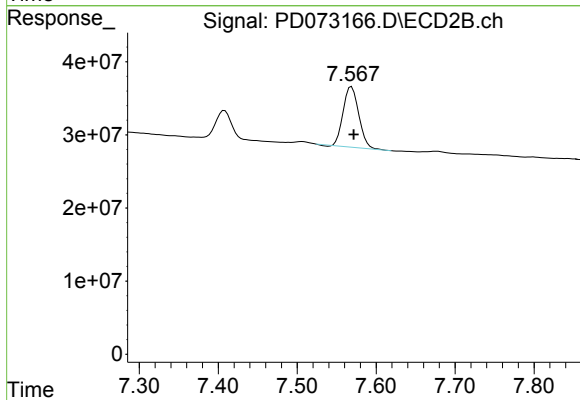
R.T.: 7.408 min
Delta R.T.: -0.002 min
Response: 51040953
Conc: 5.83 ng/ml



#21 Endrin ketone

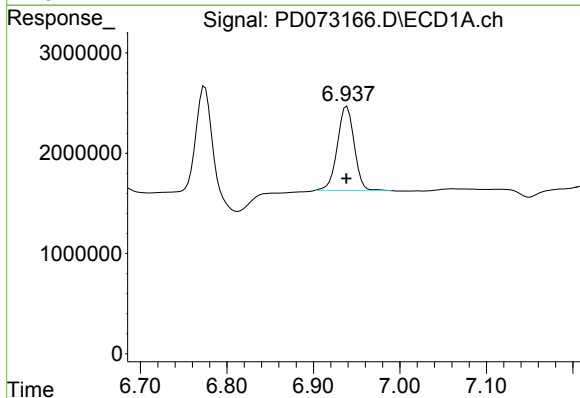
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 15347276
Conc: 6.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



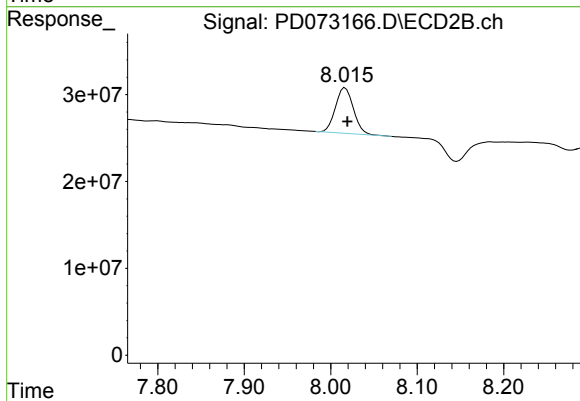
#21 Endrin ketone

R.T.: 7.569 min
Delta R.T.: -0.003 min
Response: 113158895
Conc: 6.06 ng/ml



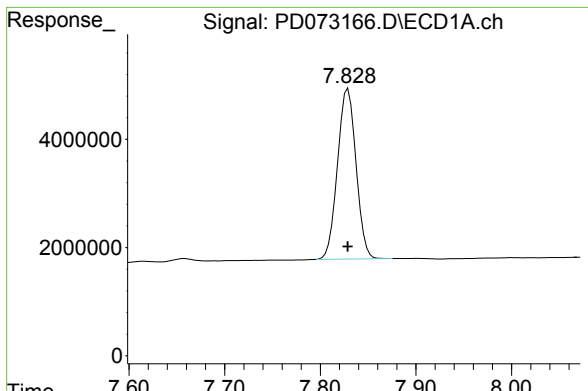
#22 Mirex

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 11336304
Conc: 6.18 ng/ml



#22 Mirex

R.T.: 8.017 min
Delta R.T.: -0.003 min
Response: 75111594
Conc: 6.31 ng/ml



#28 Decachlorobiphenyl

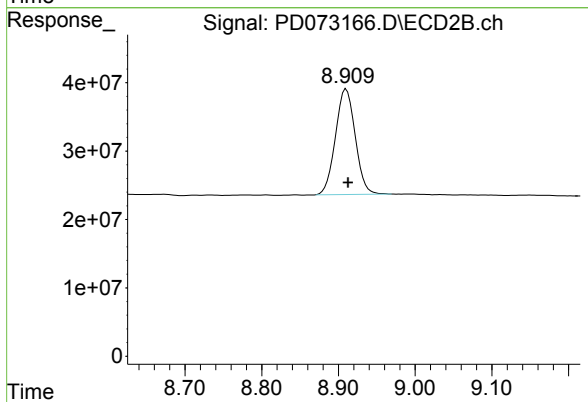
R.T.: 7.829 min

Delta R.T.: 0.000 min

Response: 42452643

Conc: 20.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2022



#28 Decachlorobiphenyl

R.T.: 8.910 min

Delta R.T.: -0.003 min

Response: 277437448

Conc: 21.71 ng/ml