

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080422\
 Data File : PL076896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2022 18:06
 Operator : AR\AJ
 Sample : N3980-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 05:05:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 01 16:34:20 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.420	2.638	17482787	46776396	18.364	20.266
28)	SA Decachlor...	8.908	7.742	16479144	42609877	20.737	22.163
Target Compounds							
2)	A alpha-BHC	3.884	3.131	5499006	16217495	3.995	4.885
3)	MA gamma-BHC...	4.219	3.456	5430072	14498961	4.282	5.070
4)	MA Heptachlor	4.794	3.789	5743466	14837334	4.694m	5.164
5)	MB Aldrin	5.135	4.064	5074584	14323895	4.359	5.152
6)	B beta-BHC	4.430	3.754	2788320	7030440	5.276	5.771
7)	B delta-BHC	4.674	3.978	4304957	14650503	4.574	4.784
8)	B Heptachlo...	5.568	4.563	5142807	13507716	5.501	5.523
9)	A Endosulfan I	5.954	4.928	4693143	12385008	4.886	5.832
10)	B gamma-Chl...	5.823	4.812	5085175	13781781	4.975	5.628
11)	B alpha-Chl...	5.901	4.875	5039490	13344887	4.808	5.562
12)	B 4,4'-DDE	6.079	5.069	4155602	12512155	4.403	5.372
13)	MA Dieldrin	6.231	5.192	4657141	12626154	4.561	5.206
14)	MA Endrin	6.463	5.465	3758372	10884548	4.080	5.029
15)	B Endosulfa...	6.691	5.758	4143651	12153988	4.623	5.505m
16)	A 4,4'-DDD	6.602	5.620	5133749	9821002	6.007m	5.260m
17)	MA 4,4'-DDT	6.914	5.870	3640039	8486540	4.324	4.544
18)	B Endrin al...	6.822	5.939	3370042	8029048	4.580	4.982
19)	B Endosulfa...	7.054	6.162	4334203	10372106	5.039	5.408
20)	A Methoxychlor	7.395	6.448	2113769	4884766	4.388	4.785
21)	B Endrin ke...	7.543	6.660	4782418	11521400	5.132	5.522m
22)	Mirex	8.003	6.839	4197554	9040733	5.682	5.612

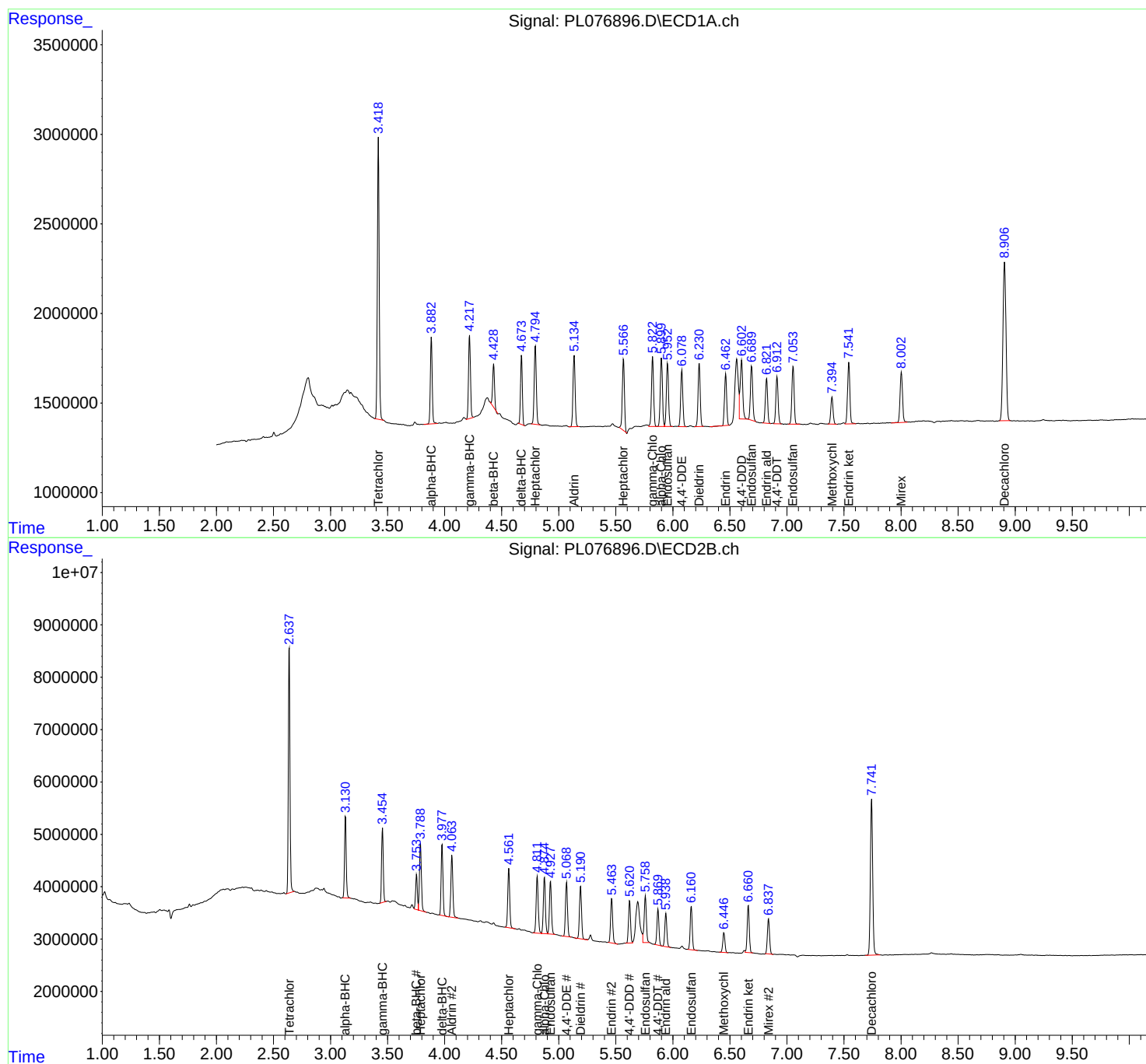
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

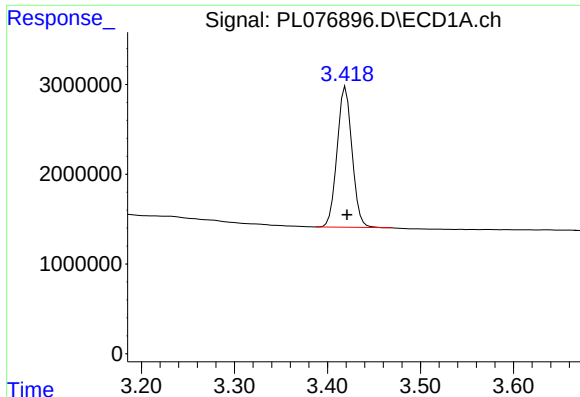
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080422\
Data File : PL076896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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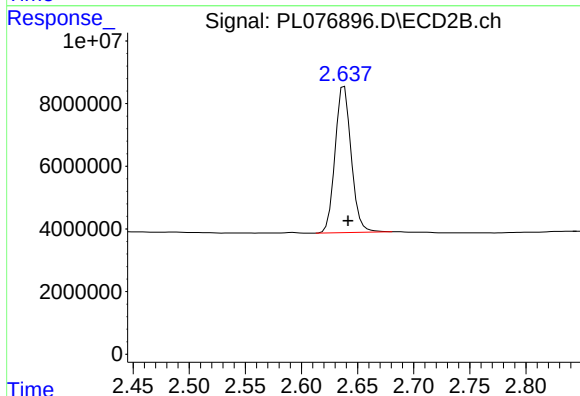




#1 Tetrachloro-m-xylene

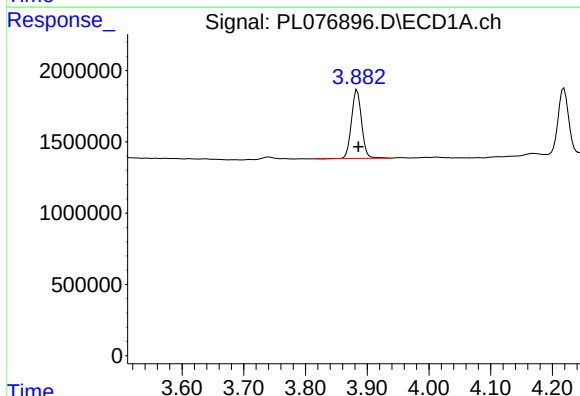
R.T.: 3.420 min
Delta R.T.: -0.001 min
Response: 17482787
Conc: 18.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



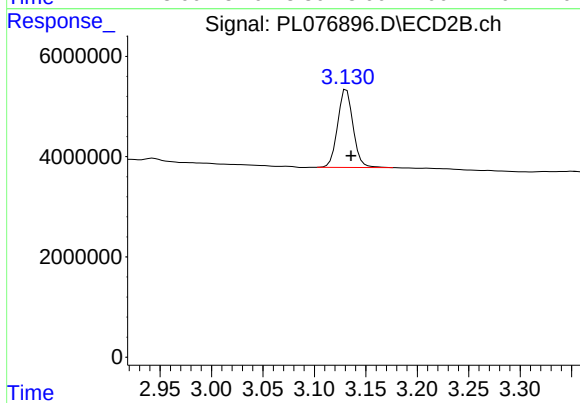
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.003 min
Response: 46776396
Conc: 20.27 ng/ml



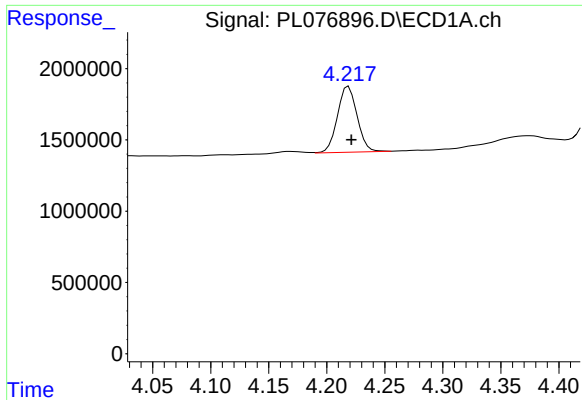
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: -0.002 min
Response: 5499006
Conc: 4.00 ng/ml



#2 alpha-BHC

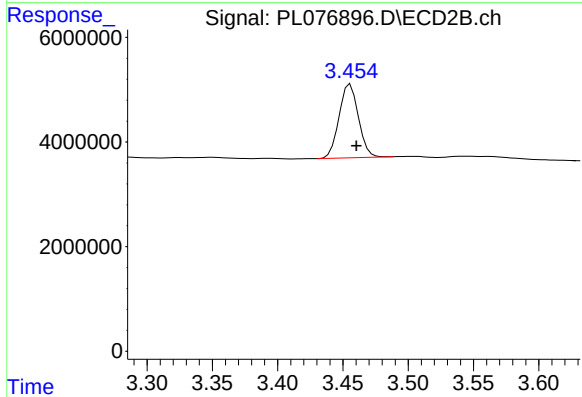
R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 16217495
Conc: 4.88 ng/ml



#3 gamma-BHC (Lindane)

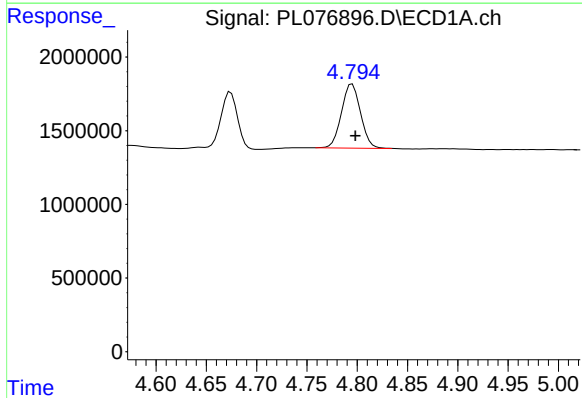
R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 5430072
Conc: 4.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



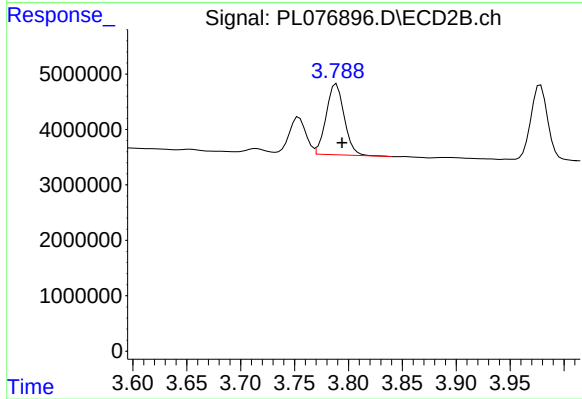
#3 gamma-BHC (Lindane)

R.T.: 3.456 min
Delta R.T.: -0.005 min
Response: 14498961
Conc: 5.07 ng/ml



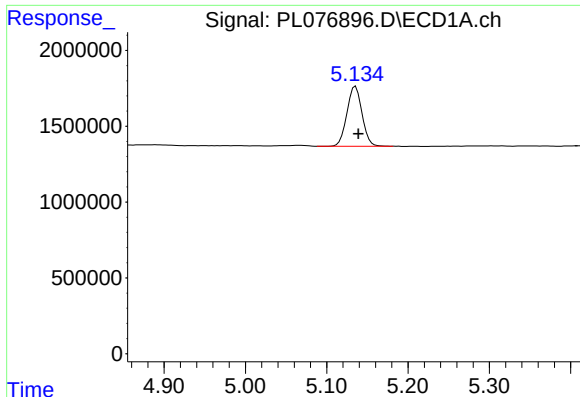
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 5743466
Conc: 4.69 ng/ml m



#4 Heptachlor

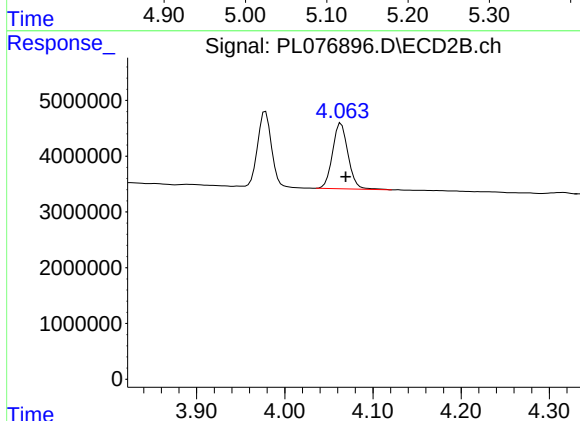
R.T.: 3.789 min
Delta R.T.: -0.005 min
Response: 14837334
Conc: 5.16 ng/ml



#5 Aldrin

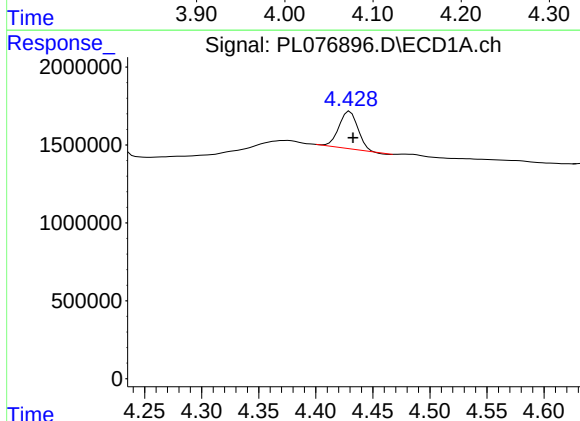
R.T.: 5.135 min
Delta R.T.: -0.004 min
Response: 5074584
Conc: 4.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



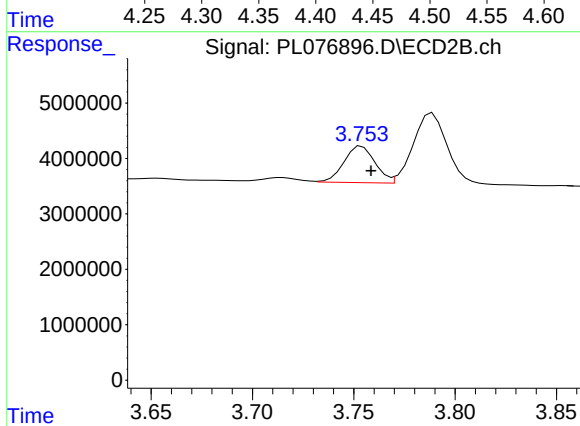
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 14323895
Conc: 5.15 ng/ml



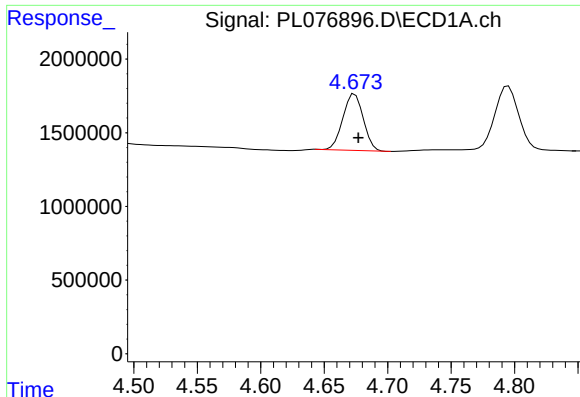
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: -0.003 min
Response: 2788320
Conc: 5.28 ng/ml



#6 beta-BHC

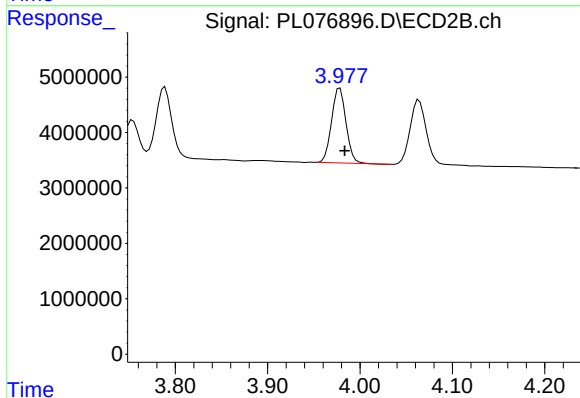
R.T.: 3.754 min
Delta R.T.: -0.004 min
Response: 7030440
Conc: 5.77 ng/ml



#7 delta-BHC

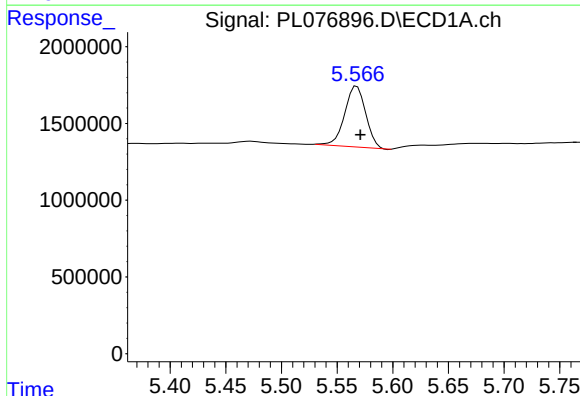
R.T.: 4.674 min
Delta R.T.: -0.003 min
Response: 4304957
Conc: 4.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



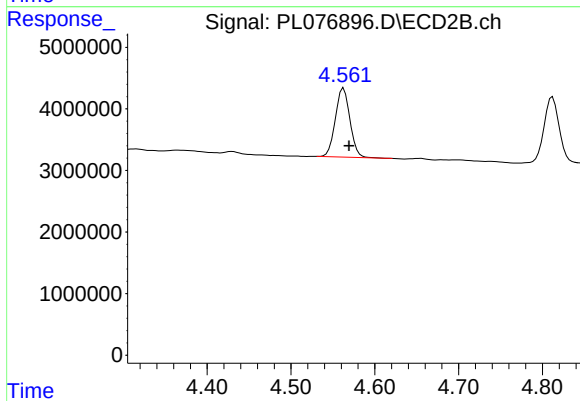
#7 delta-BHC

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 14650503
Conc: 4.78 ng/ml



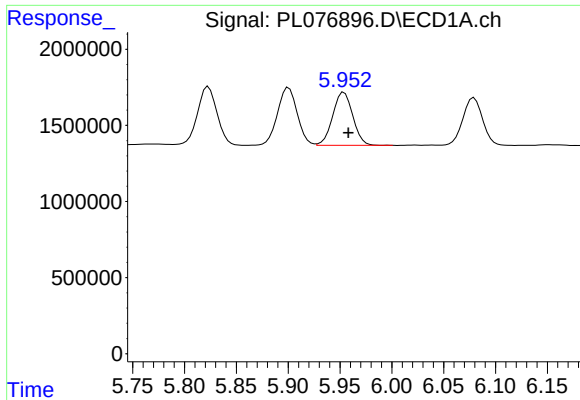
#8 Heptachlor epoxide

R.T.: 5.568 min
Delta R.T.: -0.003 min
Response: 5142807
Conc: 5.50 ng/ml



#8 Heptachlor epoxide

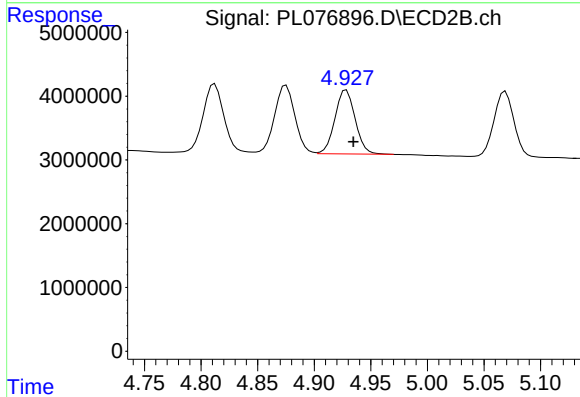
R.T.: 4.563 min
Delta R.T.: -0.006 min
Response: 13507716
Conc: 5.52 ng/ml



#9 Endosulfan I

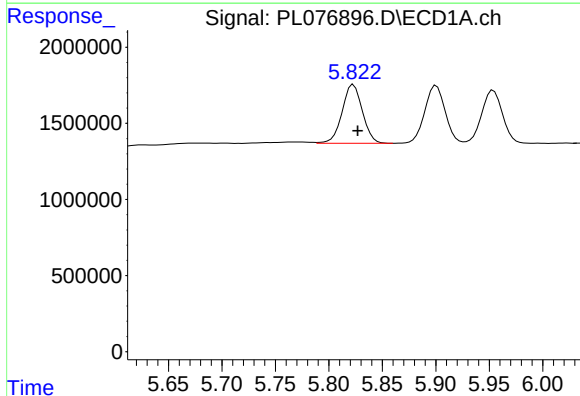
R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 4693143
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



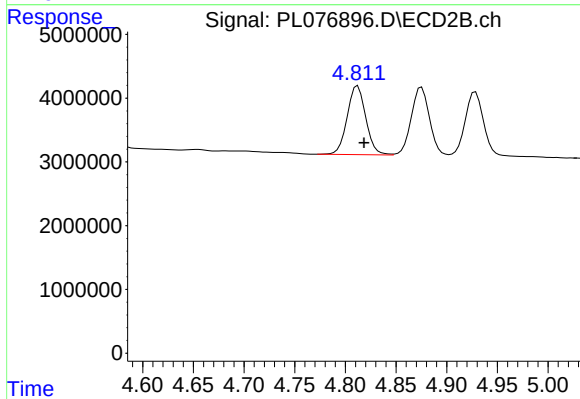
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: -0.006 min
Response: 12385008
Conc: 5.83 ng/ml



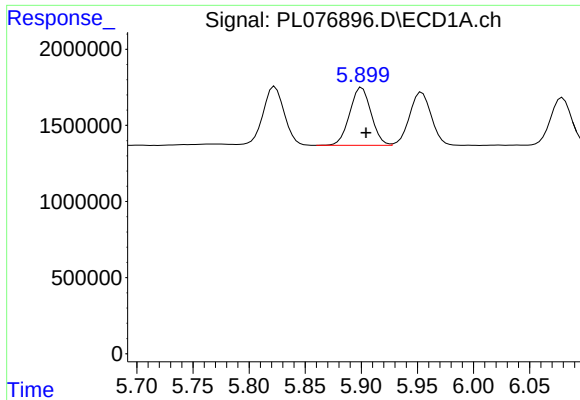
#10 gamma-Chlordane

R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 5085175
Conc: 4.97 ng/ml



#10 gamma-Chlordane

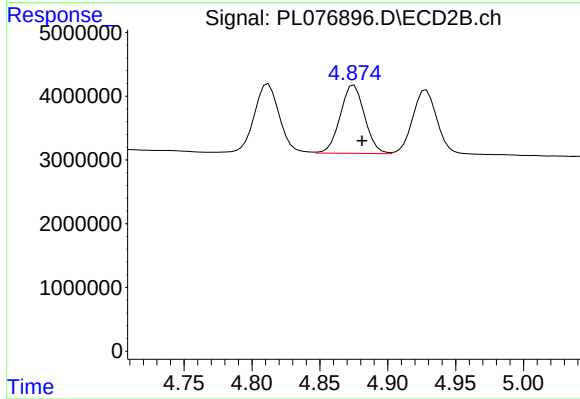
R.T.: 4.812 min
Delta R.T.: -0.006 min
Response: 13781781
Conc: 5.63 ng/ml



#11 alpha-Chlordane

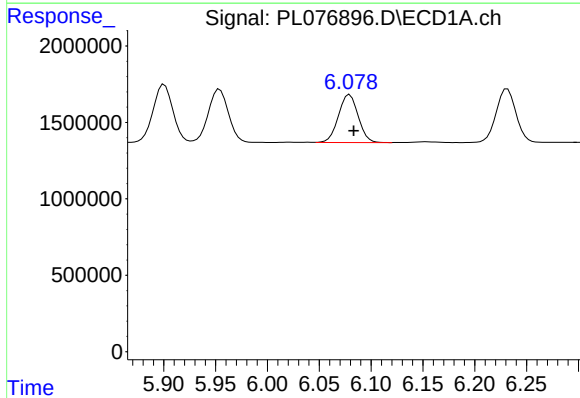
R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 5039490
Conc: 4.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



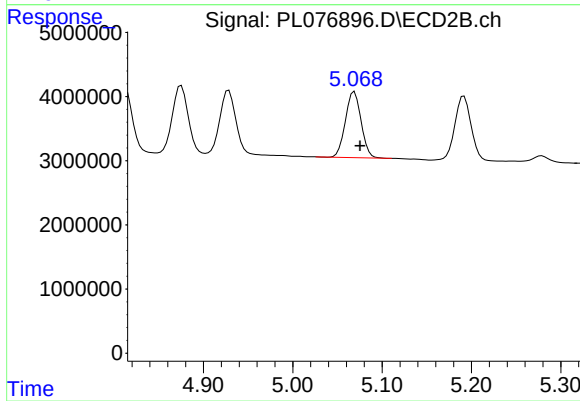
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.006 min
Response: 13344887
Conc: 5.56 ng/ml



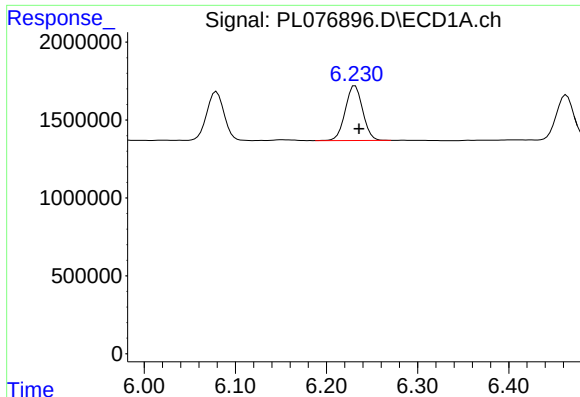
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 4155602
Conc: 4.40 ng/ml



#12 4,4'-DDE

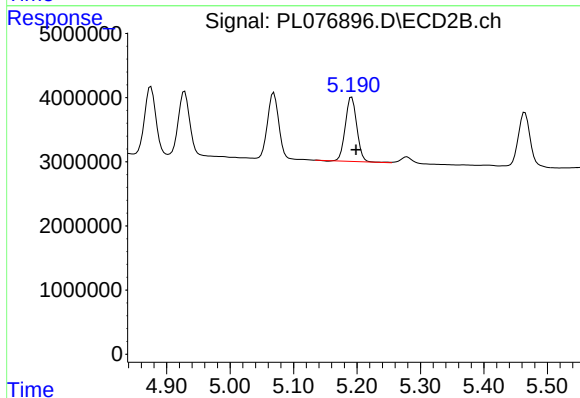
R.T.: 5.069 min
Delta R.T.: -0.006 min
Response: 12512155
Conc: 5.37 ng/ml



#13 Dieldrin

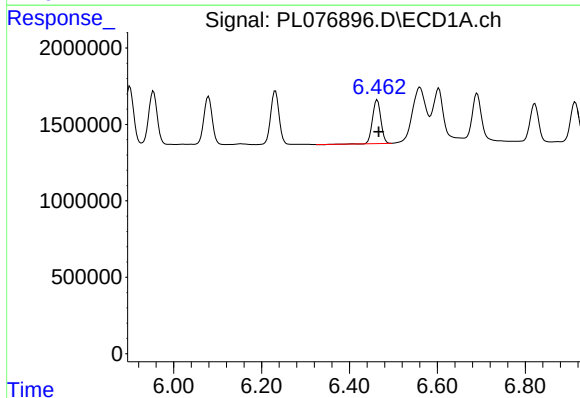
R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 4657141
Conc: 4.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



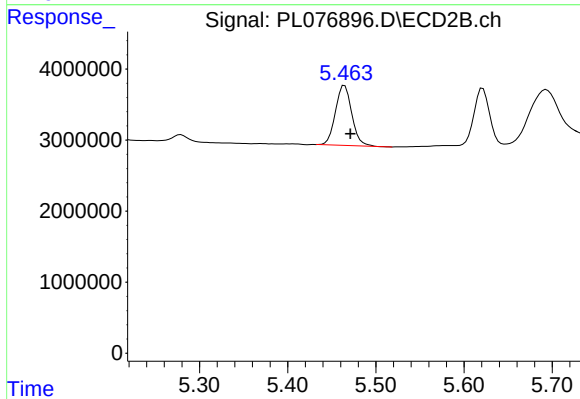
#13 Dieldrin

R.T.: 5.192 min
Delta R.T.: -0.007 min
Response: 12626154
Conc: 5.21 ng/ml



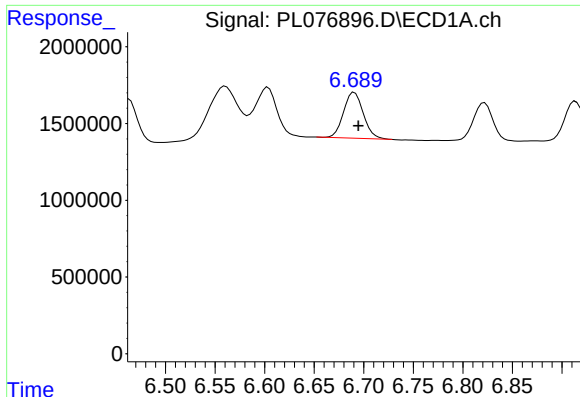
#14 Endrin

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 3758372
Conc: 4.08 ng/ml



#14 Endrin

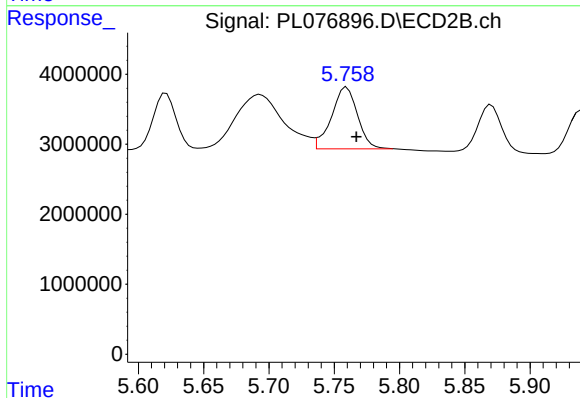
R.T.: 5.465 min
Delta R.T.: -0.007 min
Response: 10884548
Conc: 5.03 ng/ml



#15 Endosulfan II

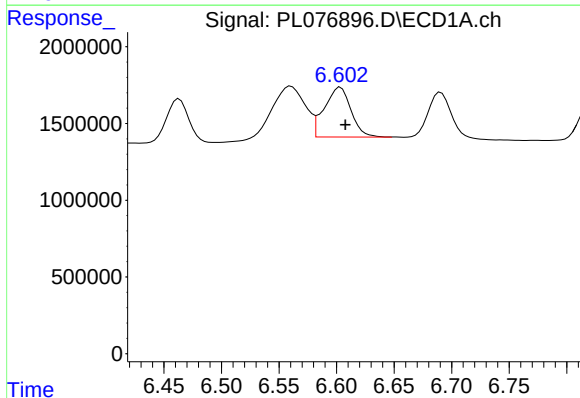
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 4143651
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



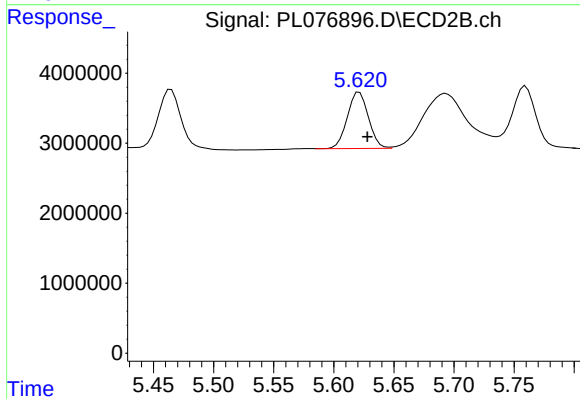
#15 Endosulfan II

R.T.: 5.758 min
Delta R.T.: -0.009 min
Response: 12153988
Conc: 5.51 ng/ml m



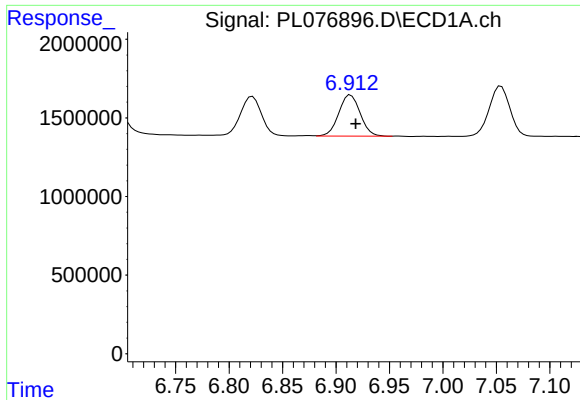
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: -0.006 min
Response: 5133749
Conc: 6.01 ng/ml m



#16 4,4'-DDD

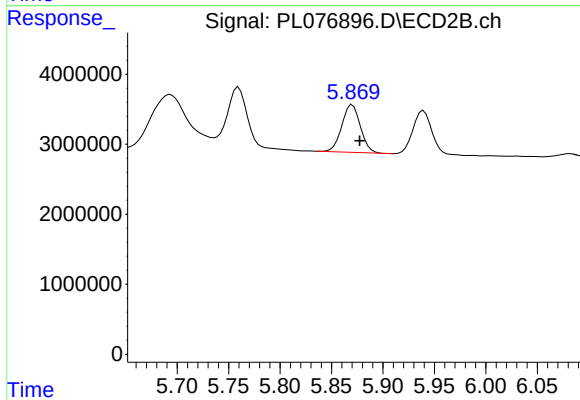
R.T.: 5.620 min
Delta R.T.: -0.008 min
Response: 9821002
Conc: 5.26 ng/ml m



#17 4,4'-DDT

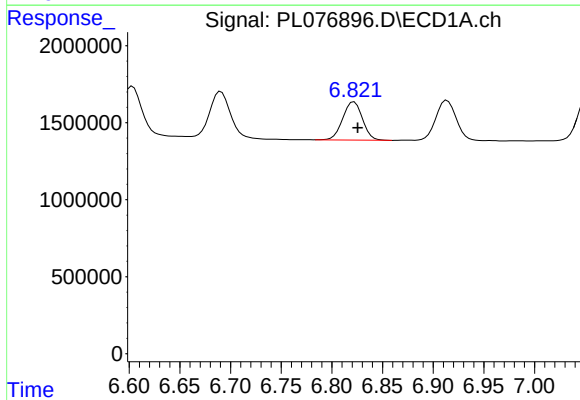
R.T.: 6.914 min
Delta R.T.: -0.005 min
Response: 3640039
Conc: 4.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



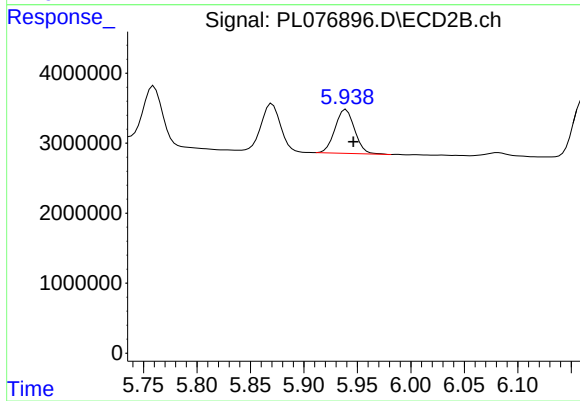
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 8486540
Conc: 4.54 ng/ml



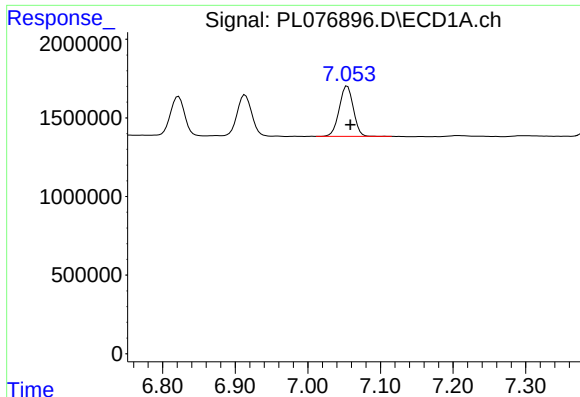
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.004 min
Response: 3370042
Conc: 4.58 ng/ml



#18 Endrin aldehyde

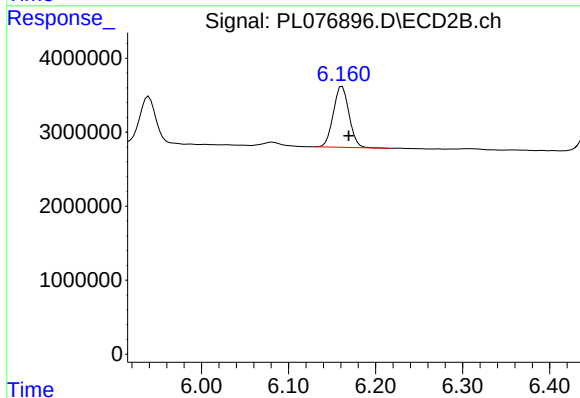
R.T.: 5.939 min
Delta R.T.: -0.007 min
Response: 8029048
Conc: 4.98 ng/ml



#19 Endosulfan Sulfate

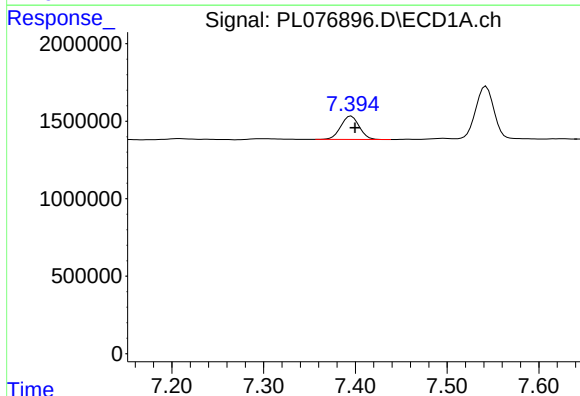
R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 4334203
Conc: 5.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



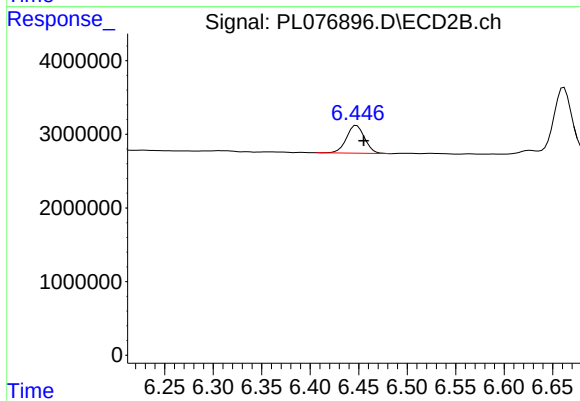
#19 Endosulfan Sulfate

R.T.: 6.162 min
Delta R.T.: -0.008 min
Response: 10372106
Conc: 5.41 ng/ml



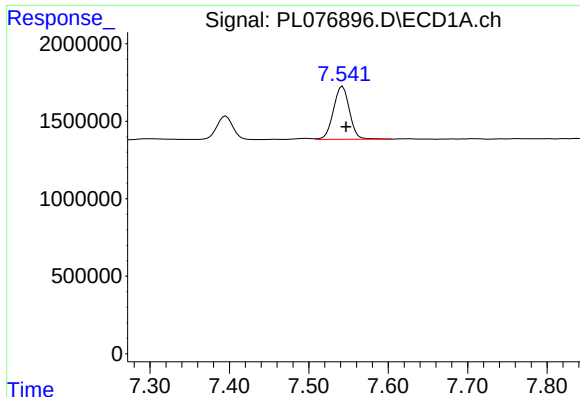
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: -0.004 min
Response: 2113769
Conc: 4.39 ng/ml



#20 Methoxychlor

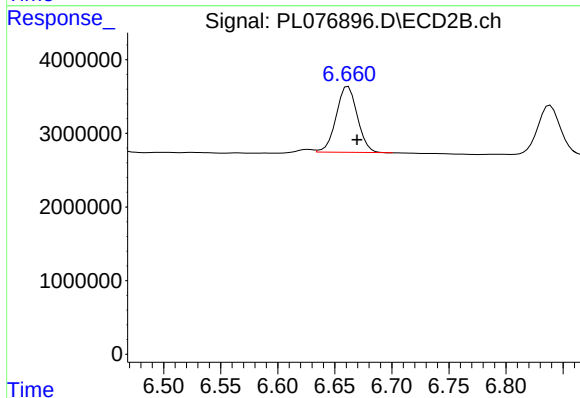
R.T.: 6.448 min
Delta R.T.: -0.007 min
Response: 4884766
Conc: 4.79 ng/ml



#21 Endrin ketone

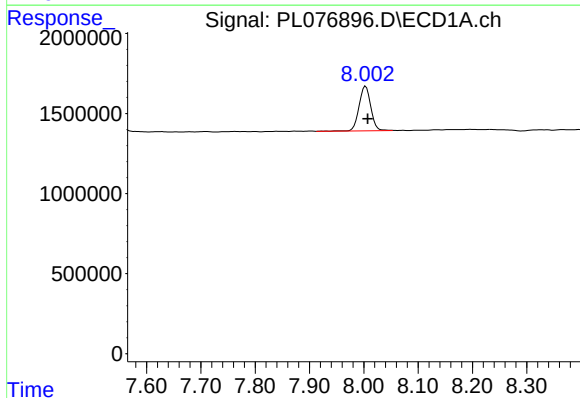
R.T.: 7.543 min
Delta R.T.: -0.005 min
Response: 4782418
Conc: 5.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



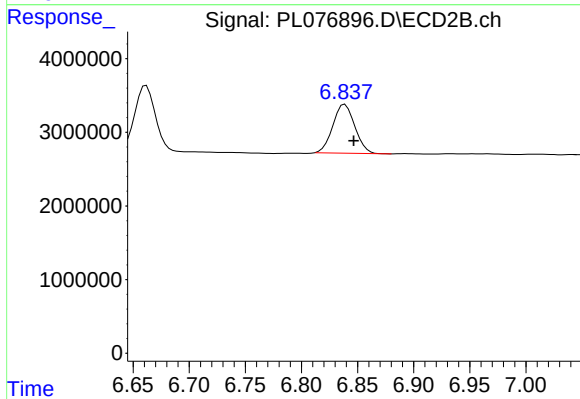
#21 Endrin ketone

R.T.: 6.660 min
Delta R.T.: -0.009 min
Response: 11521400
Conc: 5.52 ng/ml m



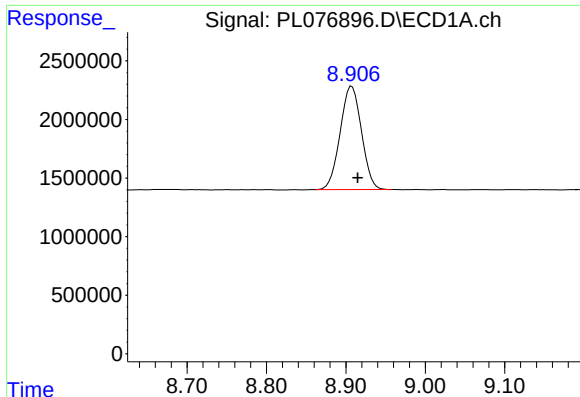
#22 Mirex

R.T.: 8.003 min
Delta R.T.: -0.004 min
Response: 4197554
Conc: 5.68 ng/ml



#22 Mirex

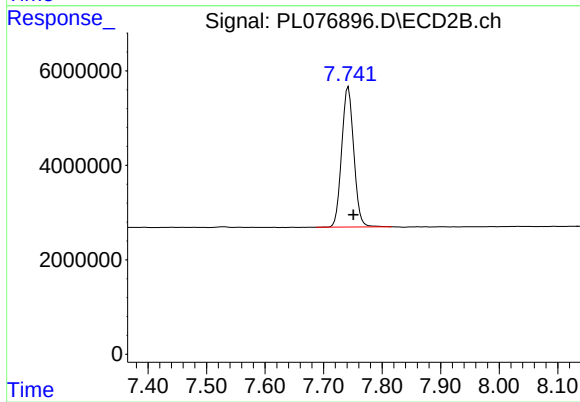
R.T.: 6.839 min
Delta R.T.: -0.008 min
Response: 9040733
Conc: 5.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: -0.007 min
Response: 16479144
Conc: 20.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2022



#28 Decachlorobiphenyl

R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 42609877
Conc: 22.16 ng/ml