

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
 Data File : PL081944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 12:23
 Operator : AR\AJ
 Sample : 02213-09
 Misc : PEST MDL 1PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:41:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 2023
 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...	3.325	2.653	40598045	35064376	17.455	17.566
28)	SA Decachlor...	8.744	7.767	37620051	36677585	21.021	18.494
Target Compounds							
2)	A alpha-BHC	3.774	3.149	2657605	2201540	0.775	0.755m
3)	MA gamma-BHC...	4.102	3.478	2567376	2534776	0.808	0.910
4)	MA Heptachlor	4.682	3.812	2547356	2421569	0.808	0.845
5)	MB Aldrin	5.018	4.088	2602209	2371199	0.910	0.890
6)	B beta-BHC	4.304	3.776	3297106	1154864	2.191	0.970m#
7)	B delta-BHC	4.545	4.004	4027879	2089117	1.325	0.808 #
8)	B Heptachlo...	5.443	4.590	2533148	2542871	0.931m	1.047
9)	A Endosulfan I	5.825	4.957	2391991	2216941	0.968	1.004
10)	B gamma-Chl...	5.699	4.839	2447619	2466292	0.932	1.015
11)	B alpha-Chl...	5.776	4.902	2462600	2448539	0.951	1.008
12)	B 4,4'-DDE	5.954	5.092	2052410	1646424	0.911	0.836
13)	MA Dieldrin	6.098	5.222	2277810	2043326	0.941	0.908
14)	MA Endrin	6.324	5.495	2010312	1979067	0.950m	0.978
15)	B Endosulfa...	6.546	5.790	3028178	1635965	1.427	0.902m#
16)	A 4,4'-DDD	6.469	5.646	1439797	1261653	0.798	0.831
17)	MA 4,4'-DDT	6.780	5.894	2083988	1538674	1.027	0.893
18)	B Endrin al...	6.677	5.972	1856620	1841933	1.135	1.186
19)	B Endosulfa...	6.912	6.194	2084485	1951127	1.000	1.003
20)	A Methoxychlor	7.262	6.474	1072267	1014378	0.996	1.018
21)	B Endrin ke...	7.391	6.699	2077717	2338195	0.992	1.094
22)	Mirex	7.857	6.871	1584317	1755180	0.925	0.914

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
Data File : PL081944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2023 12:23
Operator : AR\AJ
Sample : 02213-09
Misc : PEST MDL 1PPB
ALS Vial : 10 Sample Multiplier: 1

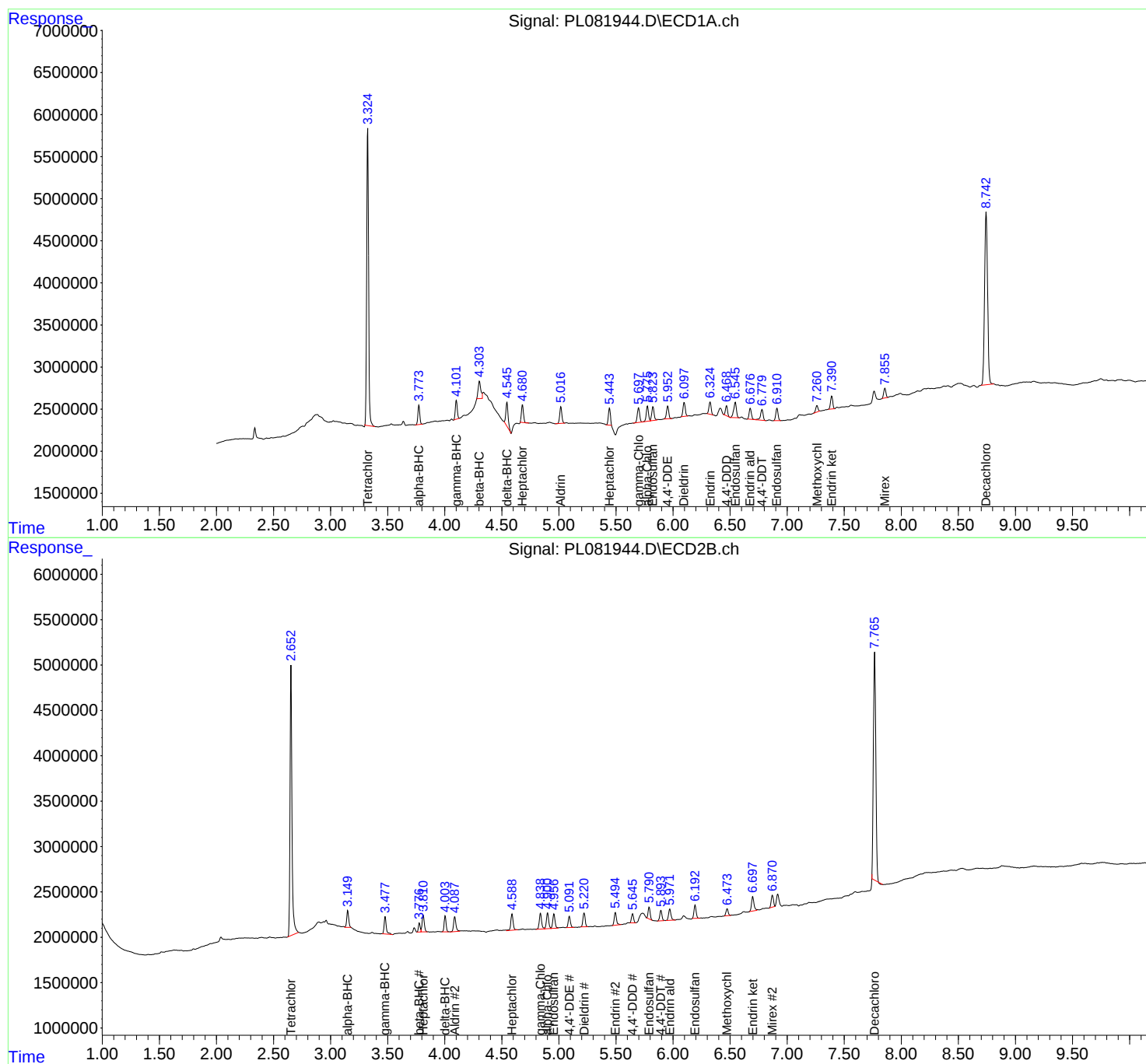
Instrument :
ECD_L
ClientSampleId :
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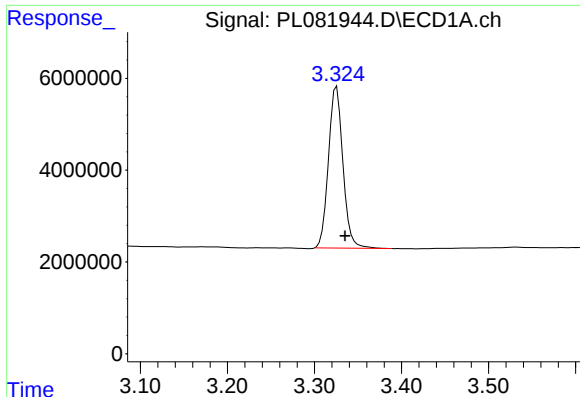
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





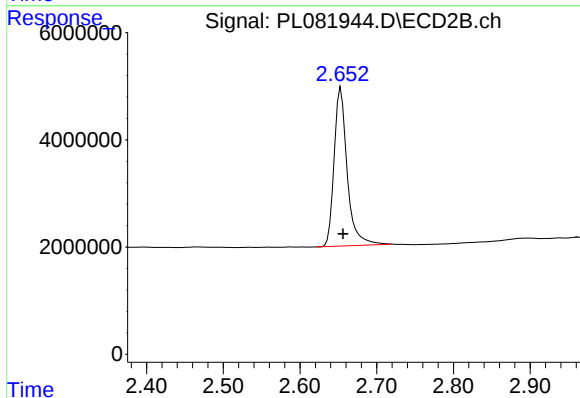
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 40598045
Conc: 17.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

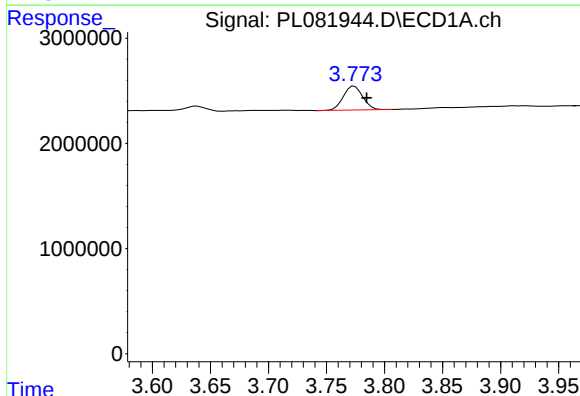
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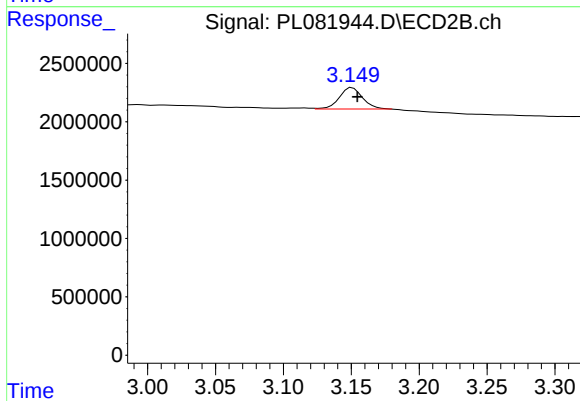
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 35064376
Conc: 17.57 ng/ml



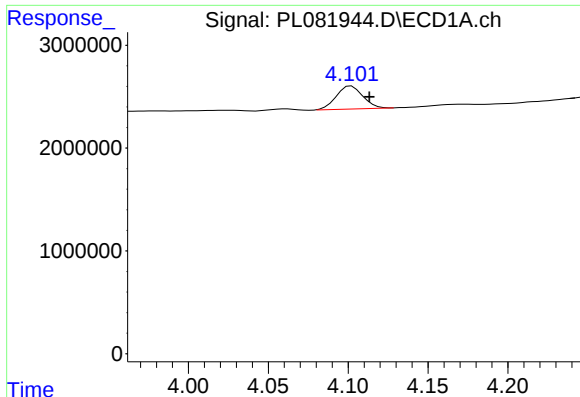
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: -0.011 min
Response: 2657605
Conc: 0.78 ng/ml



#2 alpha-BHC

R.T.: 3.149 min
Delta R.T.: -0.005 min
Response: 2201540
Conc: 0.76 ng/ml m



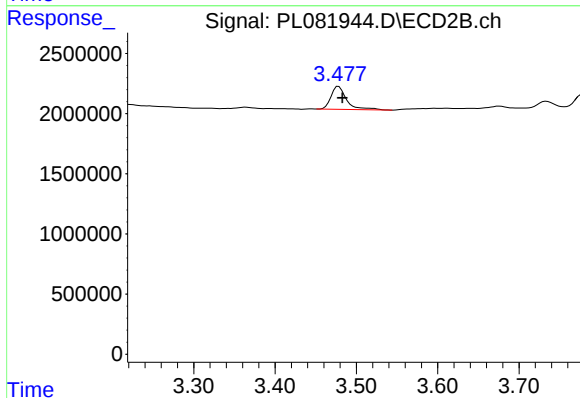
#3 gamma-BHC (Lindane)

R.T.: 4.102 min
Delta R.T.: -0.011 min
Response: 2567376
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

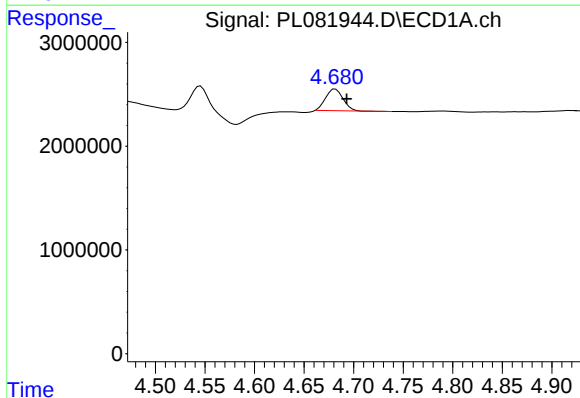
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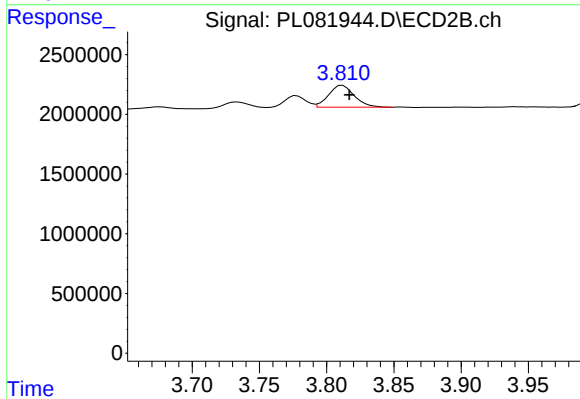
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 2534776
Conc: 0.91 ng/ml



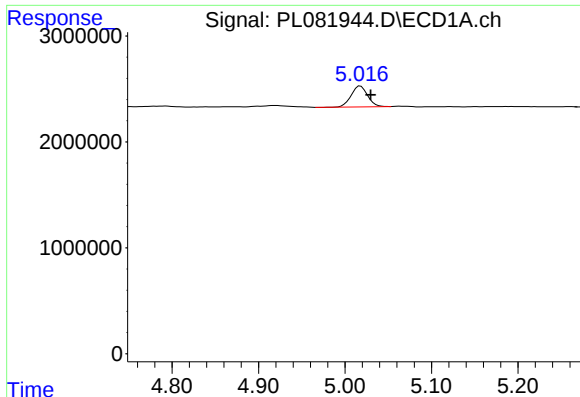
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: -0.012 min
Response: 2547356
Conc: 0.81 ng/ml



#4 Heptachlor

R.T.: 3.812 min
Delta R.T.: -0.005 min
Response: 2421569
Conc: 0.84 ng/ml



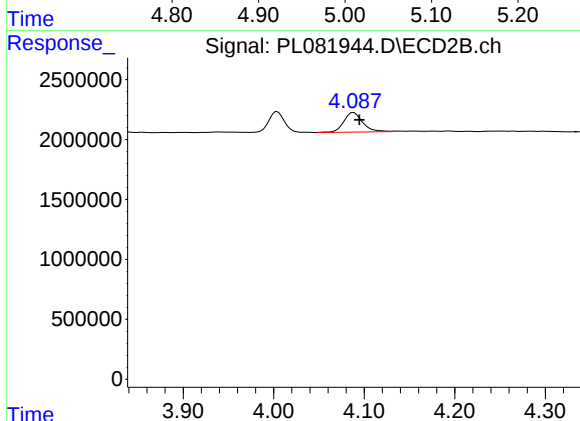
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: -0.012 min
Response: 2602209
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

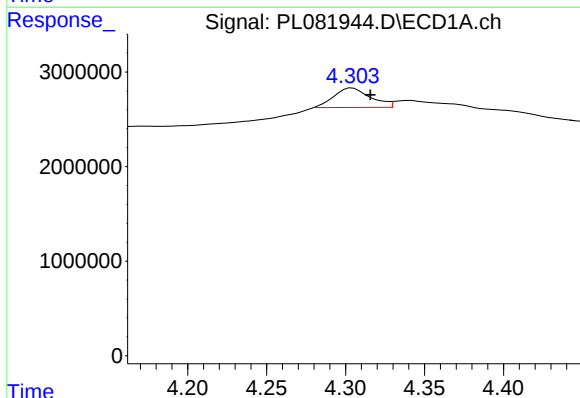
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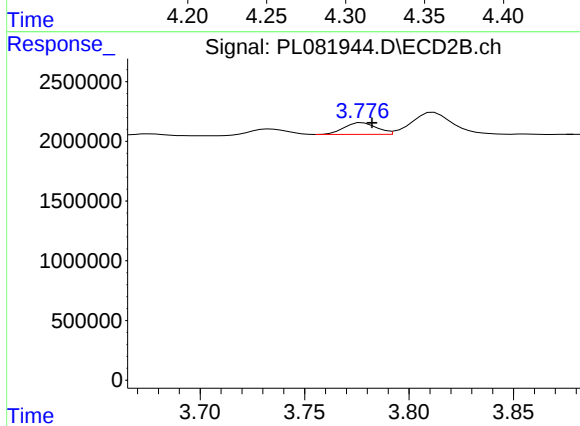
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.006 min
Response: 2371199
Conc: 0.89 ng/ml



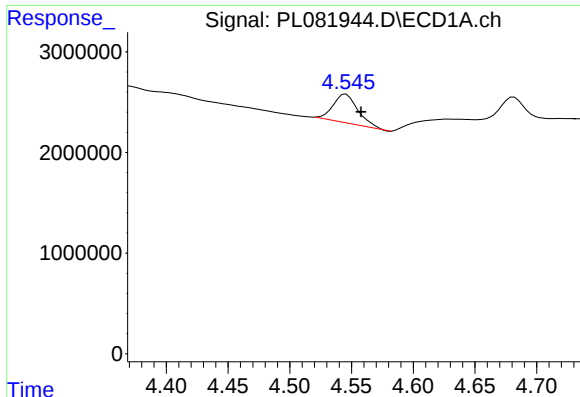
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: -0.011 min
Response: 3297106
Conc: 2.19 ng/ml



#6 beta-BHC

R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 1154864
Conc: 0.97 ng/ml m



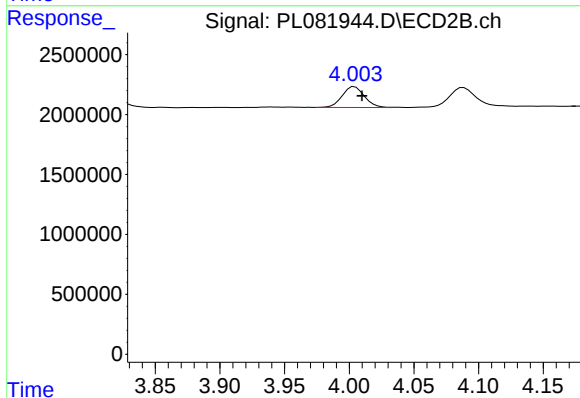
#7 delta-BHC

R.T.: 4.545 min
Delta R.T.: -0.012 min
Response: 4027879
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

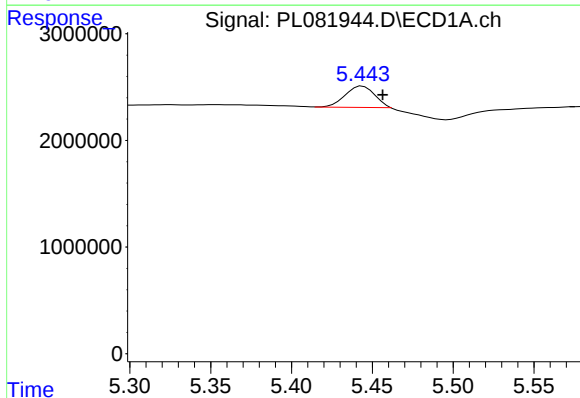
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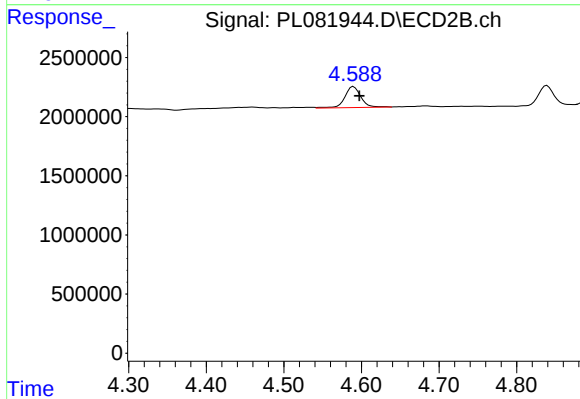
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 2089117
Conc: 0.81 ng/ml



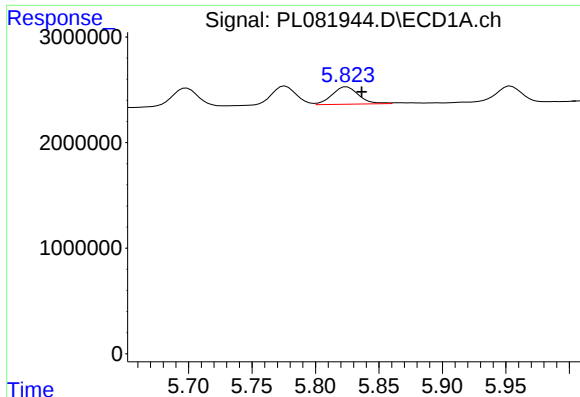
#8 Heptachlor epoxide

R.T.: 5.443 min
Delta R.T.: -0.014 min
Response: 2533148
Conc: 0.93 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.590 min
Delta R.T.: -0.008 min
Response: 2542871
Conc: 1.05 ng/ml



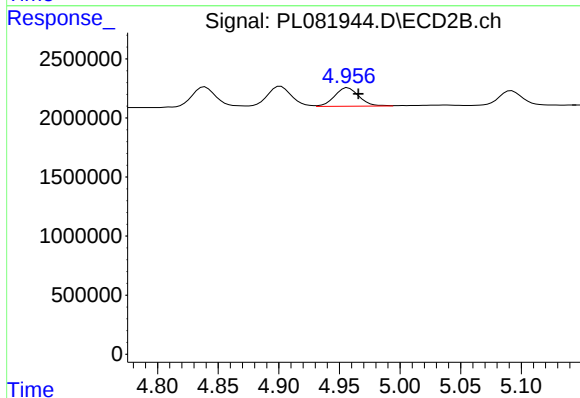
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: -0.012 min
Response: 2391991
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

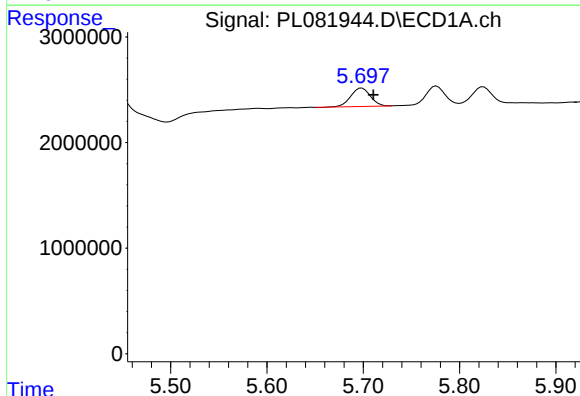
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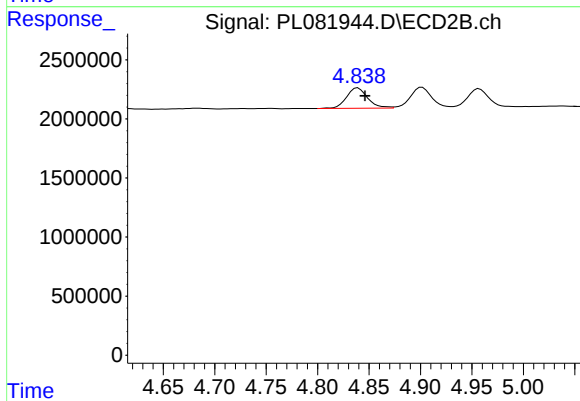
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.009 min
Response: 2216941
Conc: 1.00 ng/ml



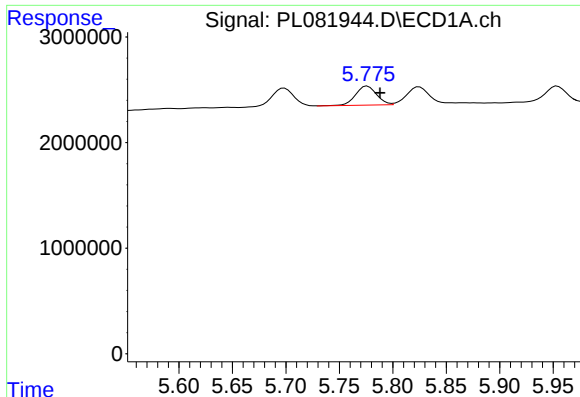
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: -0.012 min
Response: 2447619
Conc: 0.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.839 min
Delta R.T.: -0.007 min
Response: 2466292
Conc: 1.01 ng/ml



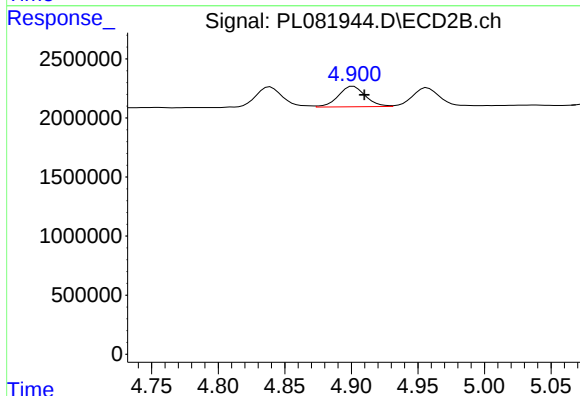
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: -0.012 min
Response: 2462600
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

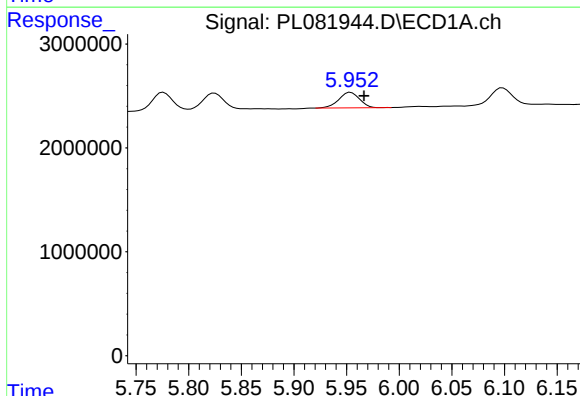
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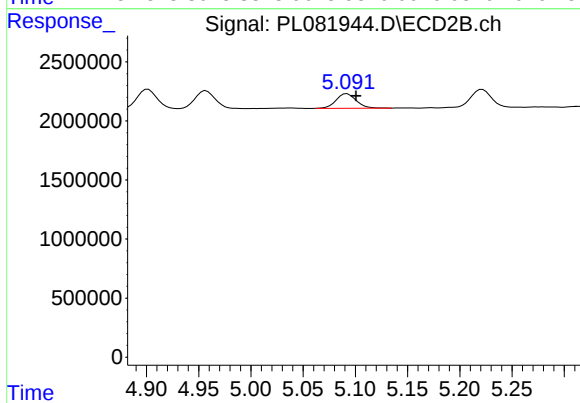
#11 alpha-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 2448539
Conc: 1.01 ng/ml



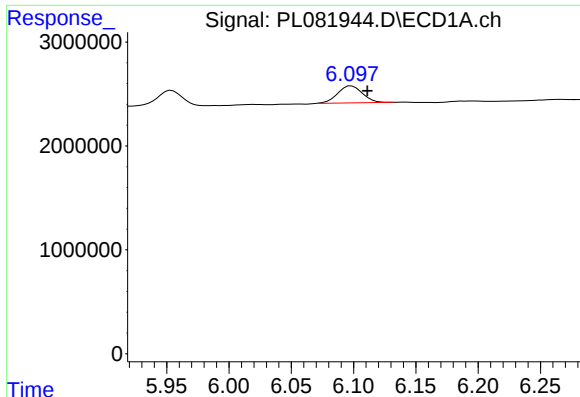
#12 4,4'-DDE

R.T.: 5.954 min
Delta R.T.: -0.013 min
Response: 2052410
Conc: 0.91 ng/ml



#12 4,4'-DDE

R.T.: 5.092 min
Delta R.T.: -0.008 min
Response: 1646424
Conc: 0.84 ng/ml



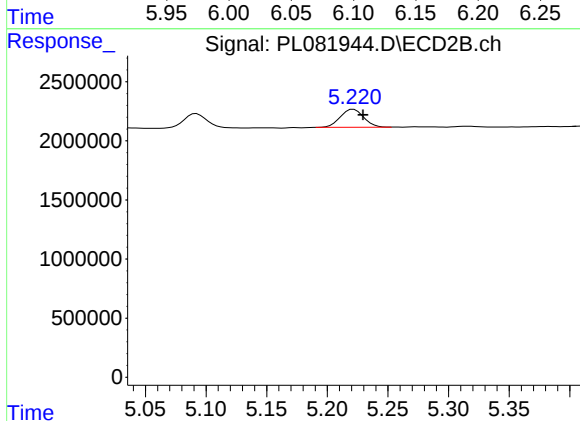
#13 Dieldrin

R.T.: 6.098 min
Delta R.T.: -0.013 min
Response: 2277810
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

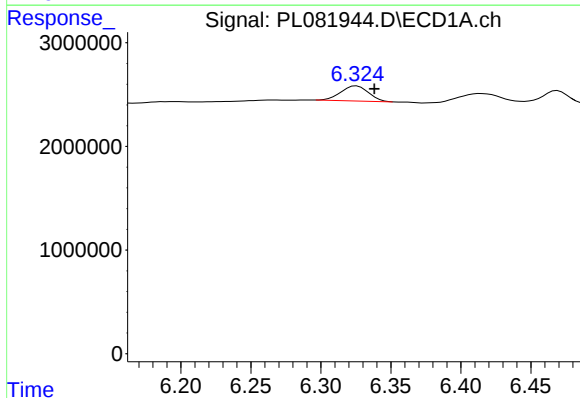
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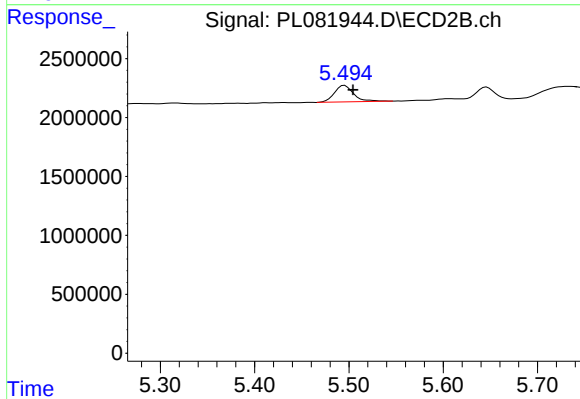
#13 Dieldrin

R.T.: 5.222 min
Delta R.T.: -0.008 min
Response: 2043326
Conc: 0.91 ng/ml



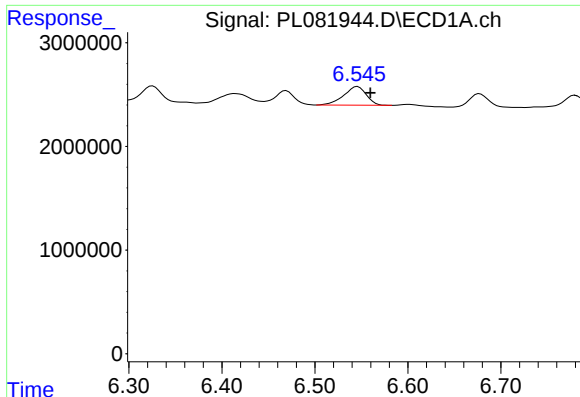
#14 Endrin

R.T.: 6.324 min
Delta R.T.: -0.014 min
Response: 2010312
Conc: 0.95 ng/ml m



#14 Endrin

R.T.: 5.495 min
Delta R.T.: -0.009 min
Response: 1979067
Conc: 0.98 ng/ml



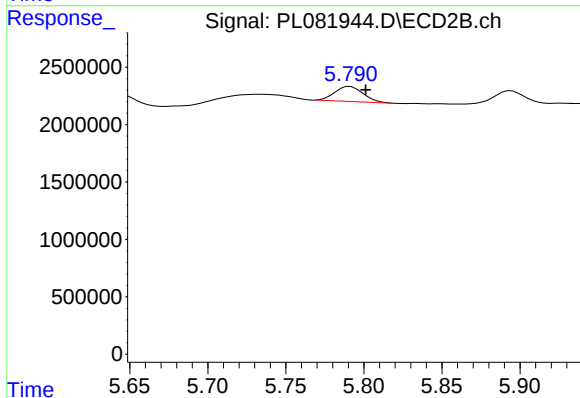
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: -0.014 min
Response: 3028178
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

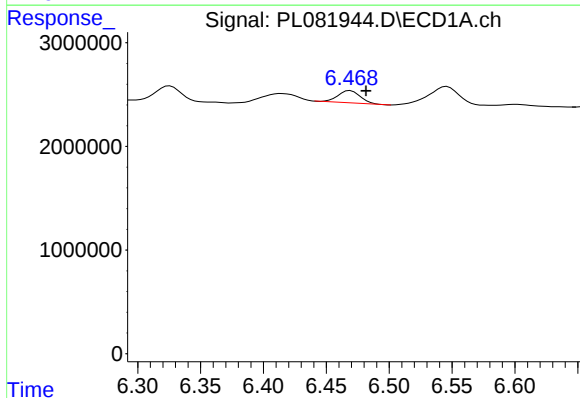
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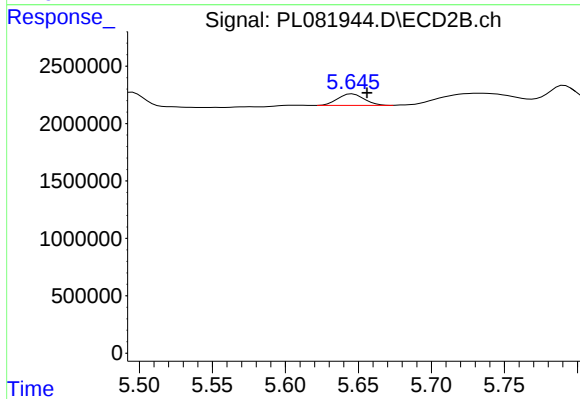
#15 Endosulfan II

R.T.: 5.790 min
Delta R.T.: -0.011 min
Response: 1635965
Conc: 0.90 ng/ml m



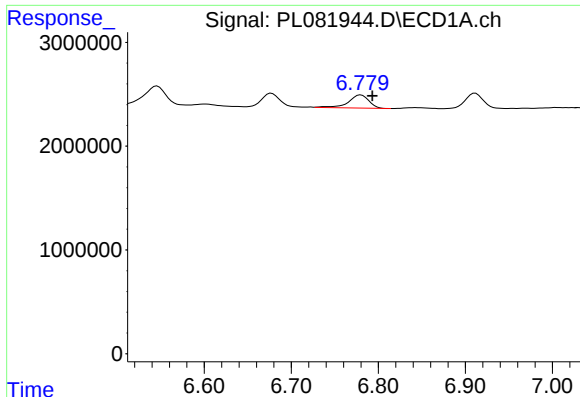
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: -0.013 min
Response: 1439797
Conc: 0.80 ng/ml



#16 4,4'-DDD

R.T.: 5.646 min
Delta R.T.: -0.010 min
Response: 1261653
Conc: 0.83 ng/ml



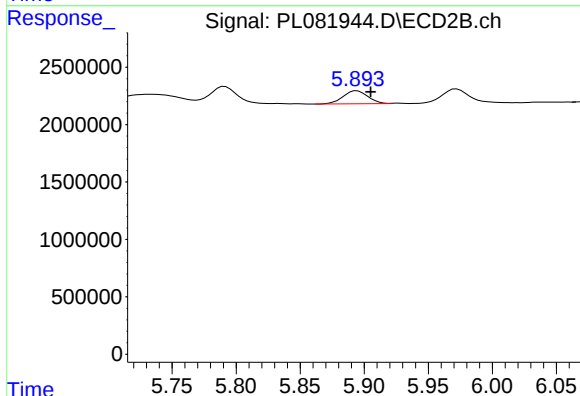
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: -0.013 min
Response: 2083988
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#17 4,4'-DDT

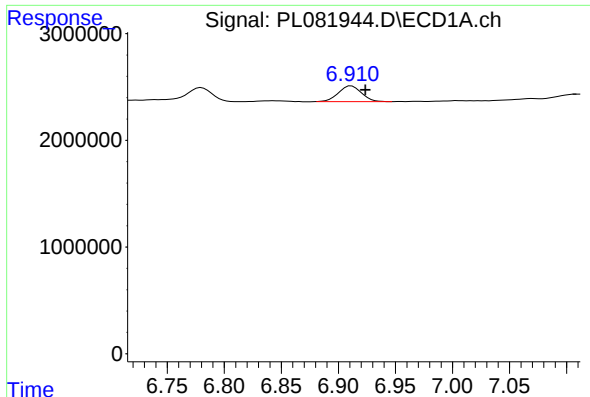
R.T.: 5.894 min
Delta R.T.: -0.011 min
Response: 1538674
Conc: 0.89 ng/ml

#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: -0.013 min
Response: 1856620
Conc: 1.13 ng/ml

#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 1841933
Conc: 1.19 ng/ml



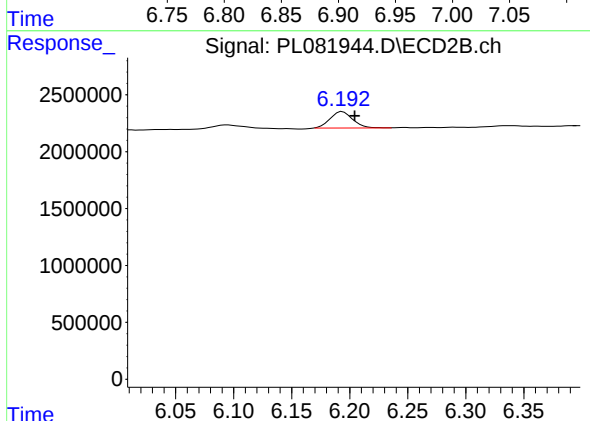
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: -0.012 min
Response: 2084485
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

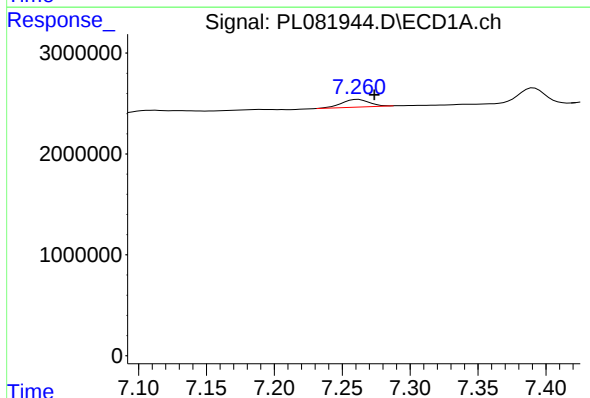
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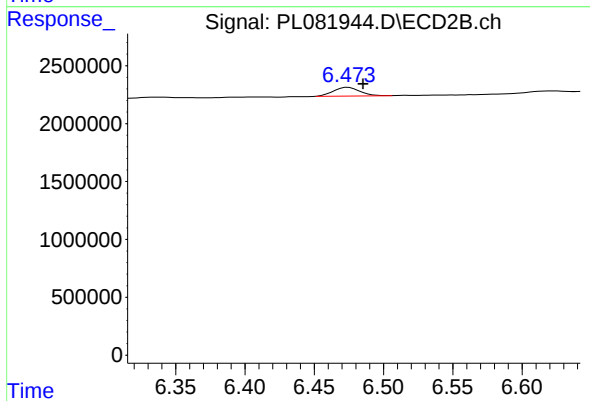
#19 Endosulfan Sulfate

R.T.: 6.194 min
Delta R.T.: -0.011 min
Response: 1951127
Conc: 1.00 ng/ml



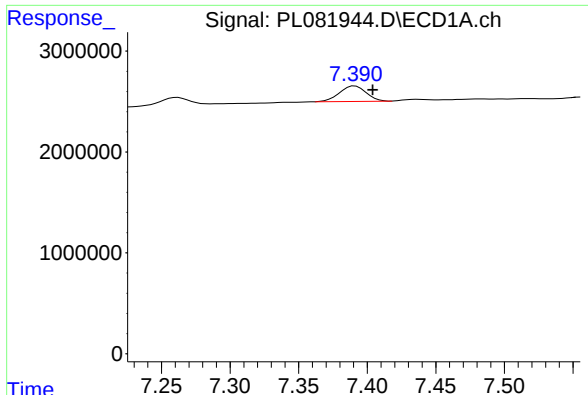
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: -0.012 min
Response: 1072267
Conc: 1.00 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: -0.011 min
Response: 1014378
Conc: 1.02 ng/ml



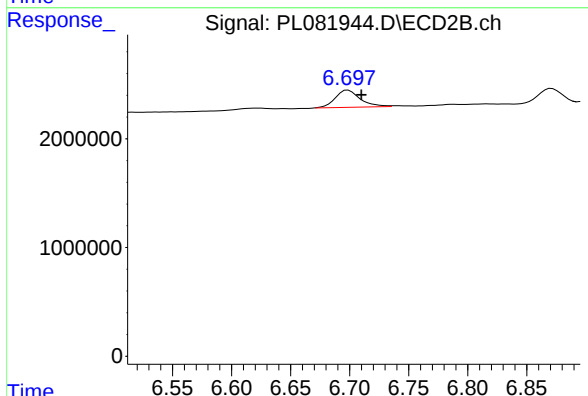
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 2077717
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
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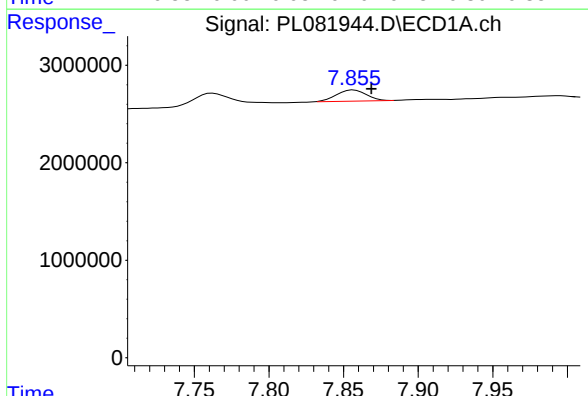
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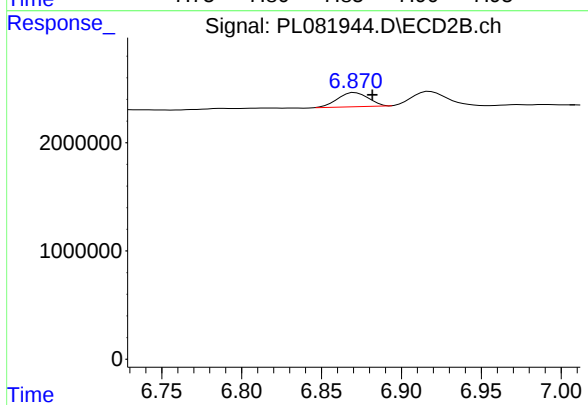
#21 Endrin ketone

R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 2338195
Conc: 1.09 ng/ml



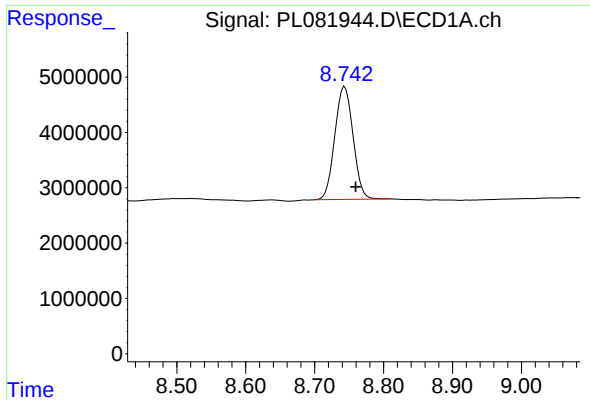
#22 Mirex

R.T.: 7.857 min
Delta R.T.: -0.012 min
Response: 1584317
Conc: 0.92 ng/ml



#22 Mirex

R.T.: 6.871 min
Delta R.T.: -0.011 min
Response: 1755180
Conc: 0.91 ng/ml



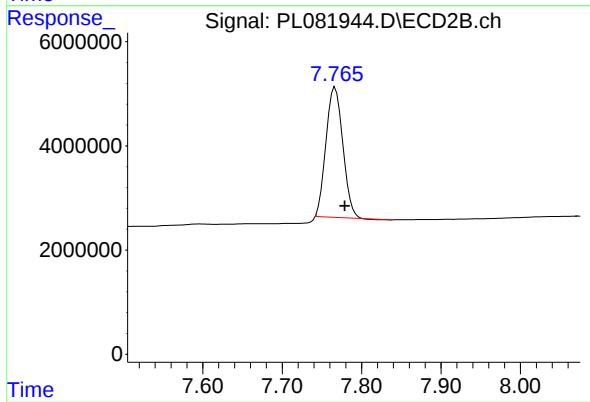
#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: -0.016 min
Response: 37620051
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: -0.012 min
Response: 36677585
Conc: 18.49 ng/ml