

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012624\
 Data File : PL087974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2024 13:46
 Operator : AR\AJ
 Sample : P1187-09
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/29/2024
 Supervised By :Ankita Jodhani 01/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:58:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.419	2.672	69851003	29481685	23.332	24.338
28)	SA Decachlor...	8.980	7.858	71736646	32339210	25.188	25.528
Target Compounds							
2)	A alpha-BHC	3.875	3.176	3790766	1629625	0.845	0.884
3)	MA gamma-BHC...	4.209	3.507	4060748	1612716	0.931	0.887
4)	MA Heptachlor	4.802	3.848	4895485	1539039	1.114	0.864
5)	MB Aldrin	5.145	4.128	4293533	1564452	1.002	0.886
6)	B beta-BHC	4.409	3.807	2372111	753777	1.275m	0.986m
7)	B delta-BHC	4.655	4.037	4704464	1394662	1.118m	0.803 #
8)	B Heptachlo...	5.574	4.635	4139340	1621623	1.080m	1.017
9)	A Endosulfan I	5.960	5.007	4067582	1484755	1.128m	0.960
10)	B gamma-Chl...	5.833	4.889	4315054	1744670	1.116m	1.081
11)	B alpha-Chl...	5.912	4.952	4447604	1659014	1.157m	1.000m
12)	B 4,4'-DDE	6.095	5.151	3443613	1220980	1.077	0.908
13)	MA Dieldrin	6.240	5.274	3924434	1529425	1.054	0.962
14)	MA Endrin	6.470	5.550	3569808	1437957	1.137	1.014
15)	B Endosulfa...	6.692	5.846	3964753	1309591	1.236	0.957m
16)	A 4,4'-DDD	6.615	5.708	3033189	966861	1.176m	0.857m#
17)	MA 4,4'-DDT	6.933	5.962	3153382	1184425	1.103	0.952
18)	B Endrin al...	6.824	6.029	2790063	1209632	1.109	1.041
19)	B Endosulfa...	7.061	6.254	3488681	1419654	1.141	1.081
20)	A Methoxychlor	7.419	6.548	1990741	831434	1.226	1.130
21)	B Endrin ke...	7.546	6.760	3575254	1508252	1.099	0.984
22)	Mirex	8.024	6.941	3751627	1625645	1.338	1.212

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012624\
Data File : PL087974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jan 2024 13:46
Operator : AR\AJ
Sample : P1187-09
Misc : PEST MDL 1PPB
ALS Vial : 9 Sample Multiplier: 1

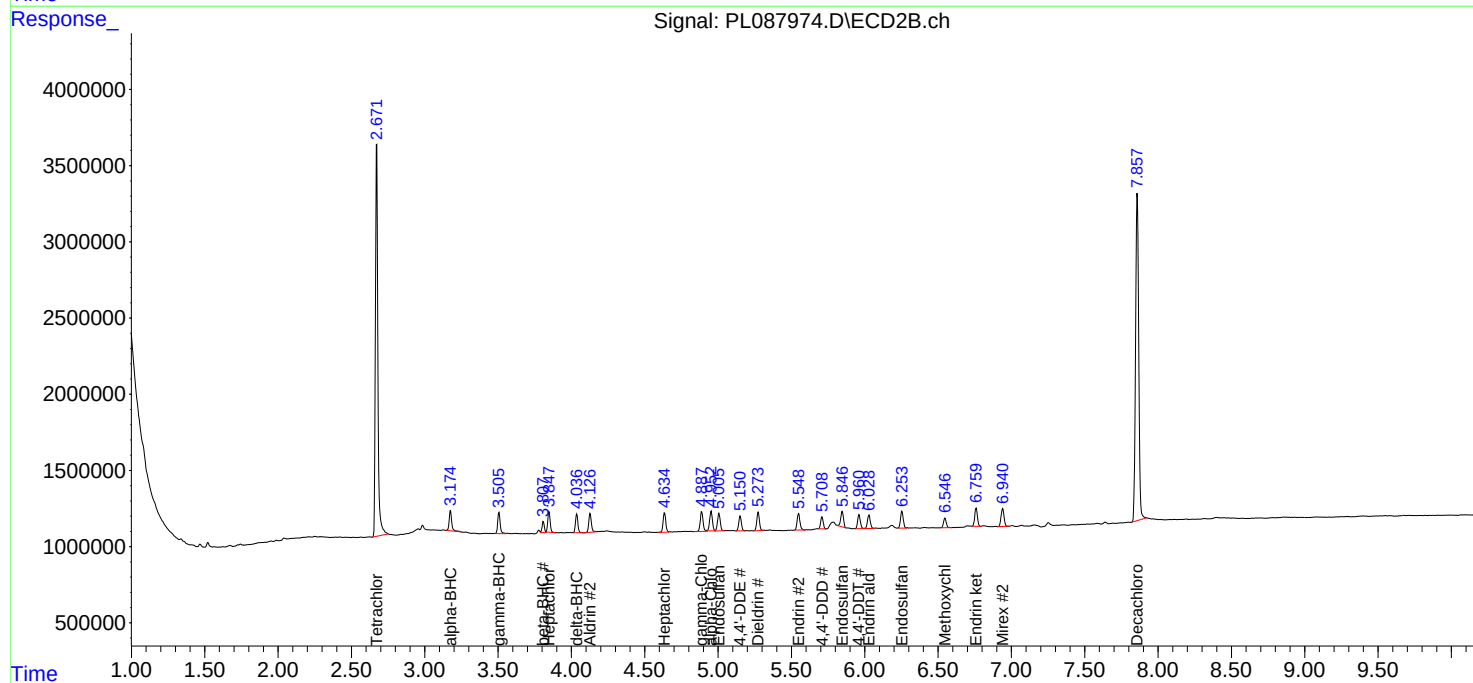
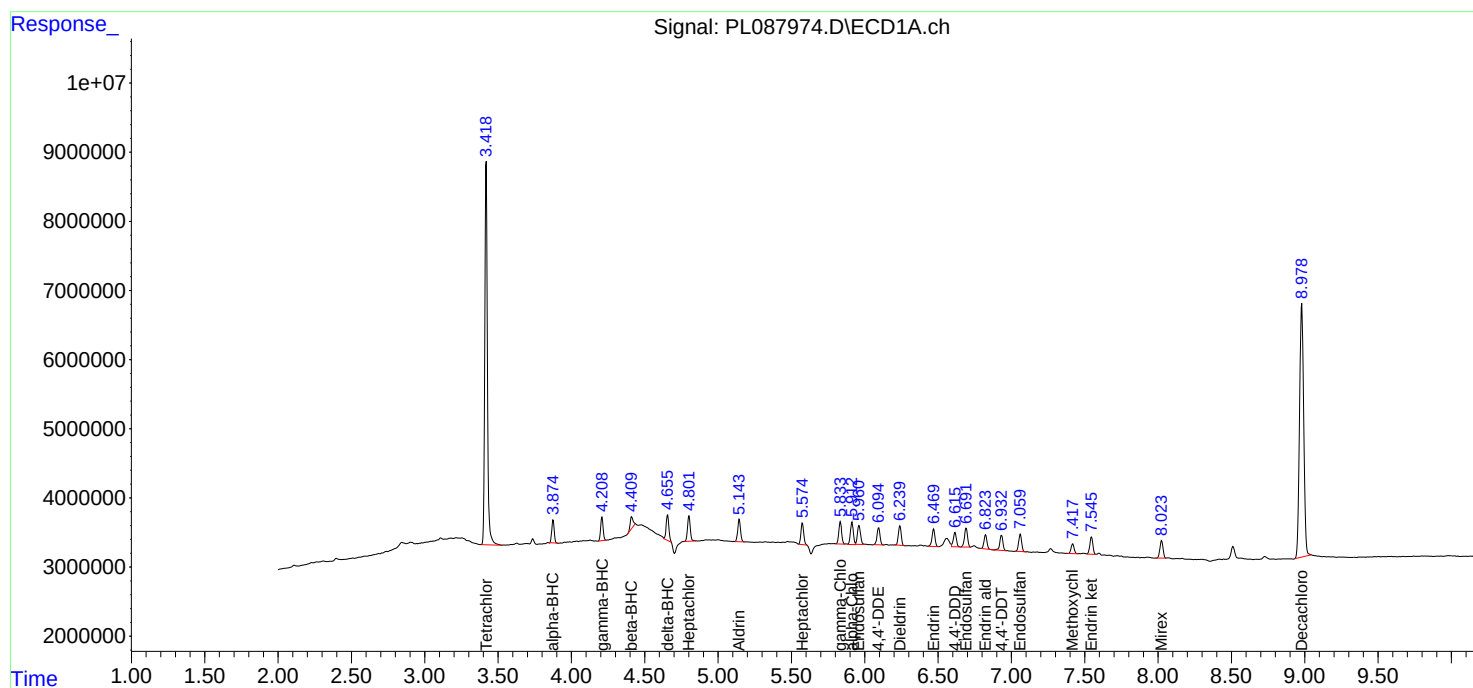
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

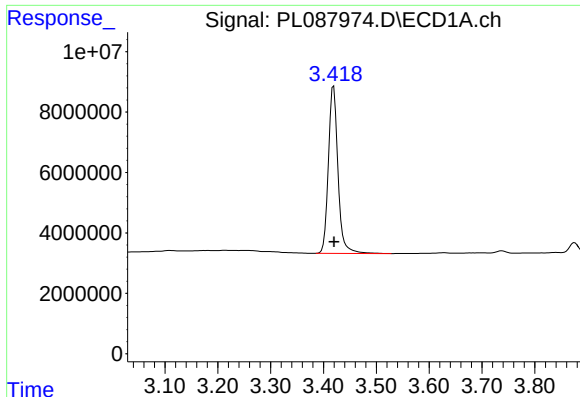
Manual Integrations
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Supervised By : Ankita Jodhani 01/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 26 20:58:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 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





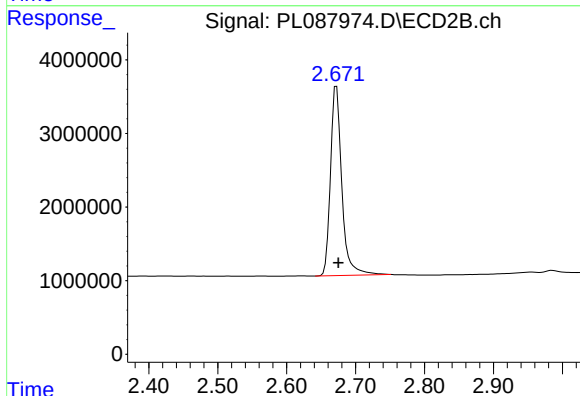
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 69851003
Conc: 23.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

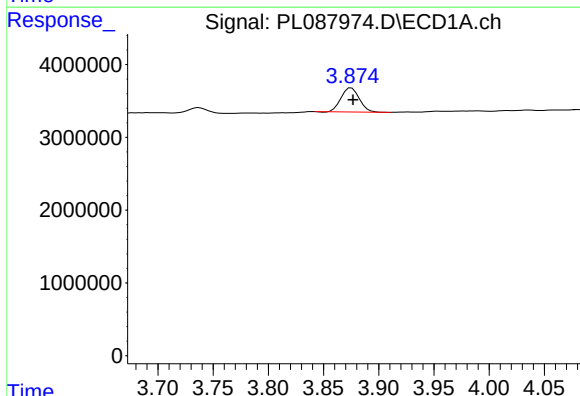
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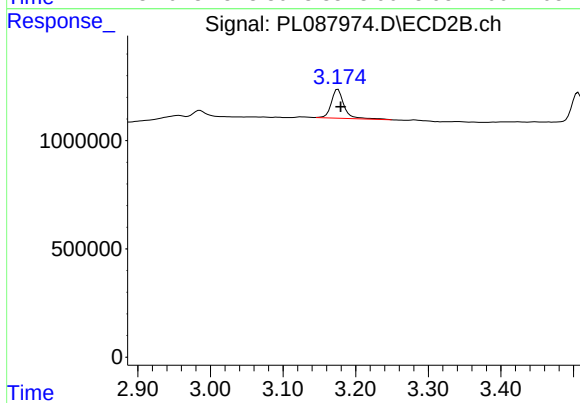
#1 Tetrachloro-m-xylene

R.T.: 2.672 min
Delta R.T.: -0.003 min
Response: 29481685
Conc: 24.34 ng/ml



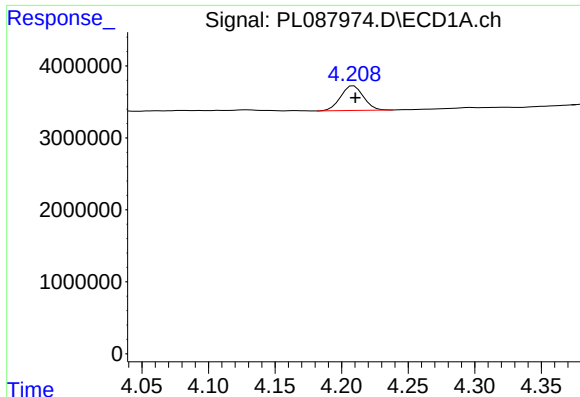
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 3790766
Conc: 0.84 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: -0.003 min
Response: 1629625
Conc: 0.88 ng/ml



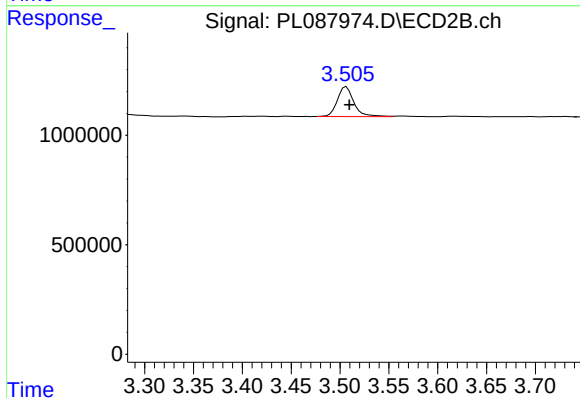
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 4060748
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

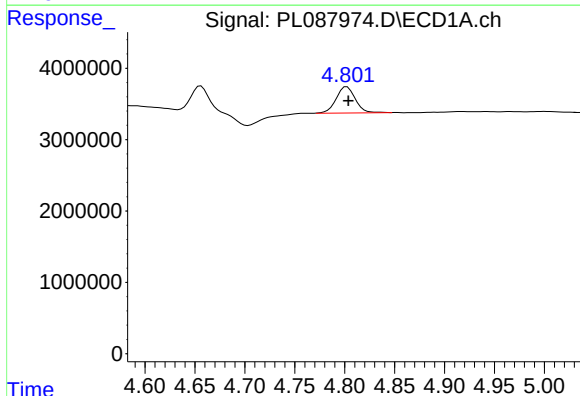
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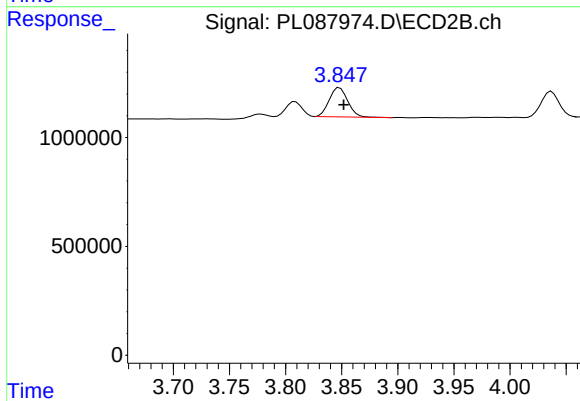
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.003 min
Response: 1612716
Conc: 0.89 ng/ml



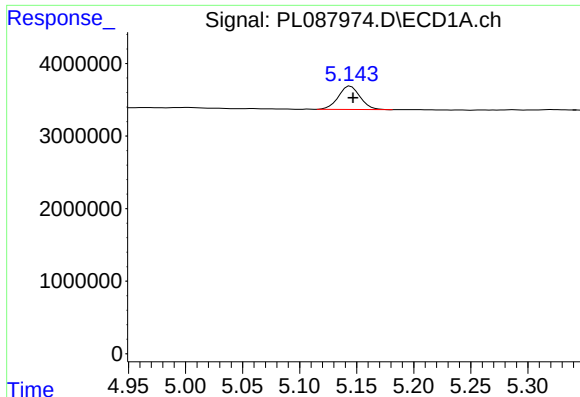
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 4895485
Conc: 1.11 ng/ml



#4 Heptachlor

R.T.: 3.848 min
Delta R.T.: -0.004 min
Response: 1539039
Conc: 0.86 ng/ml



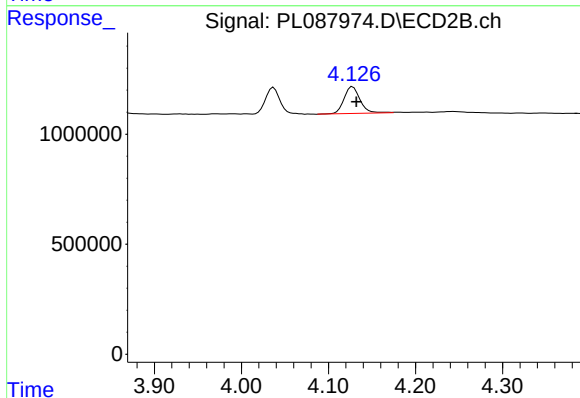
#5 Aldrin

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 4293533
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

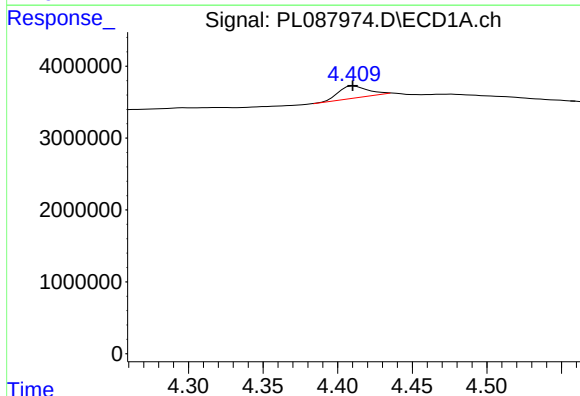
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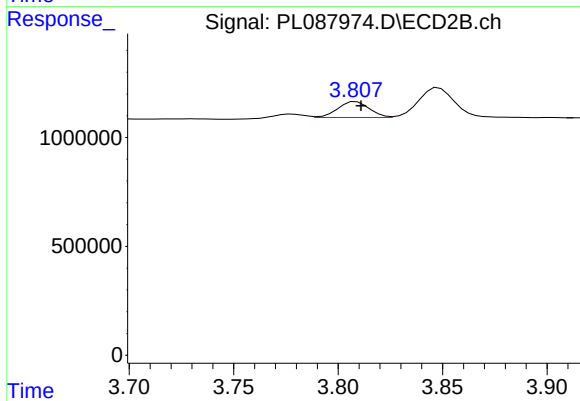
#5 Aldrin

R.T.: 4.128 min
Delta R.T.: -0.004 min
Response: 1564452
Conc: 0.89 ng/ml



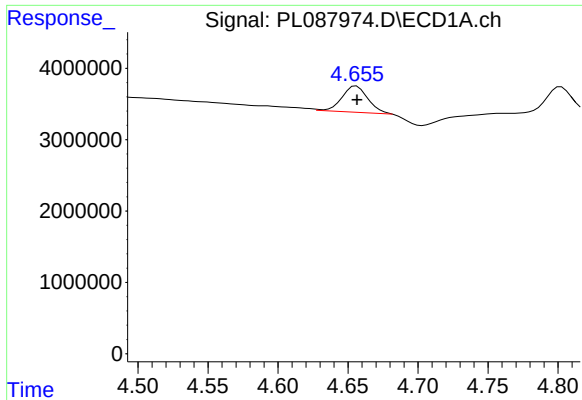
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 2372111
Conc: 1.27 ng/ml m



#6 beta-BHC

R.T.: 3.807 min
Delta R.T.: -0.004 min
Response: 753777
Conc: 0.99 ng/ml m



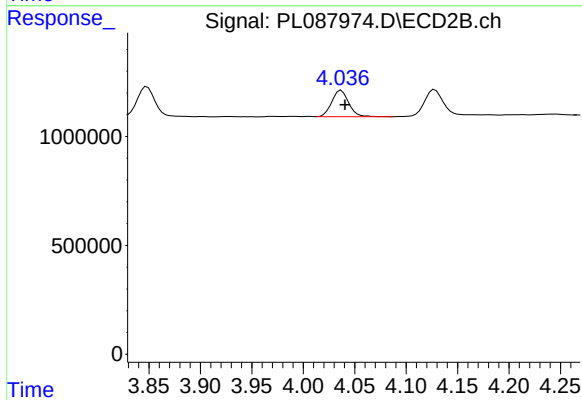
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.002 min
Response: 4704464
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

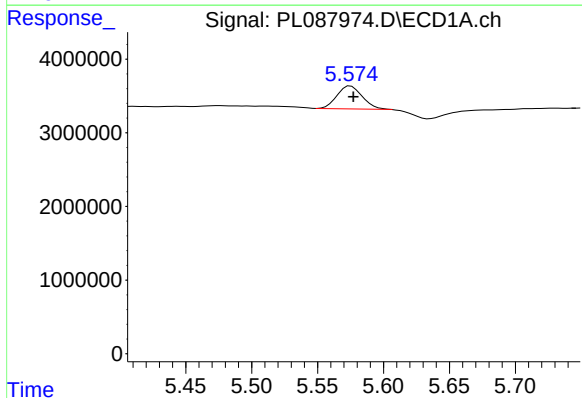
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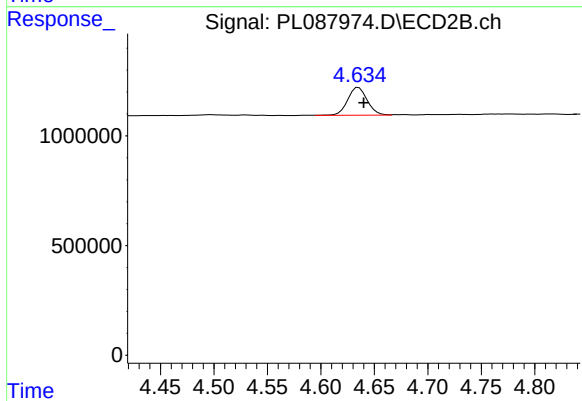
#7 delta-BHC

R.T.: 4.037 min
Delta R.T.: -0.004 min
Response: 1394662
Conc: 0.80 ng/ml



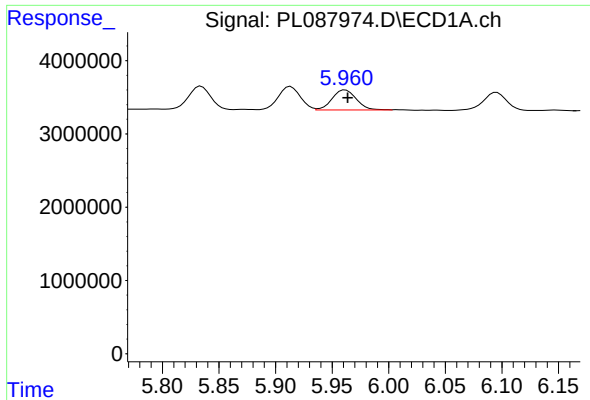
#8 Heptachlor epoxide

R.T.: 5.574 min
Delta R.T.: -0.004 min
Response: 4139340
Conc: 1.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 1621623
Conc: 1.02 ng/ml



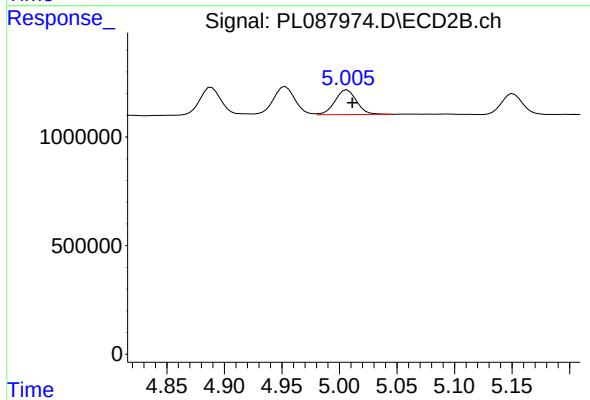
#9 Endosulfan I

R.T.: 5.960 min
Delta R.T.: -0.004 min
Response: 4067582
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

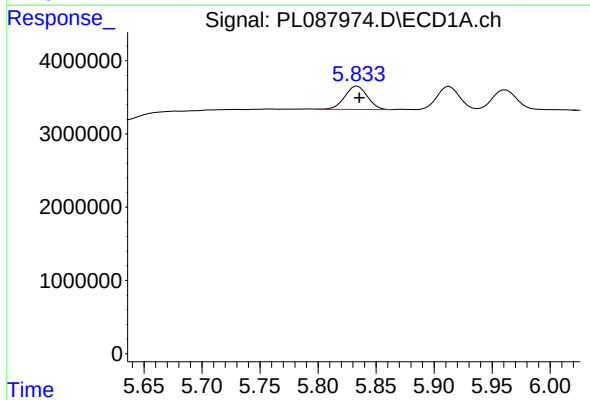
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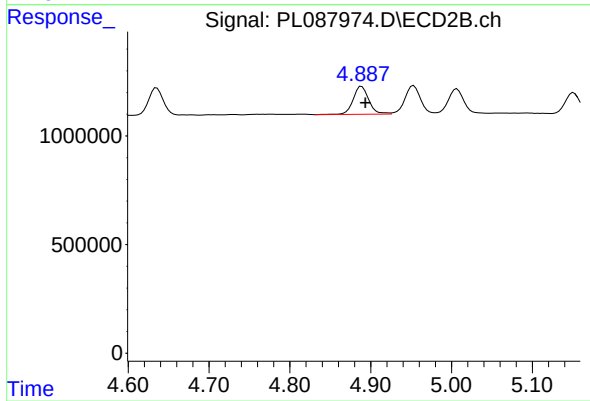
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 1484755
Conc: 0.96 ng/ml



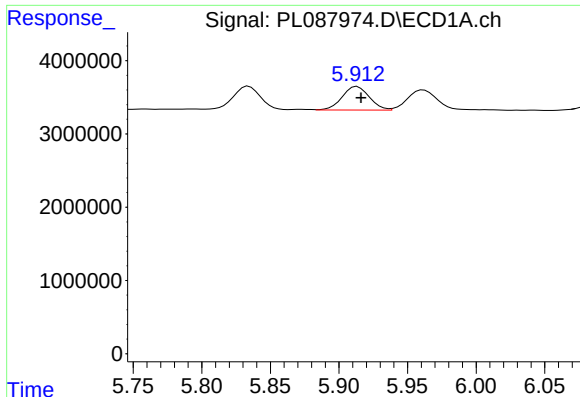
#10 gamma-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 4315054
Conc: 1.12 ng/ml m



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 1744670
Conc: 1.08 ng/ml



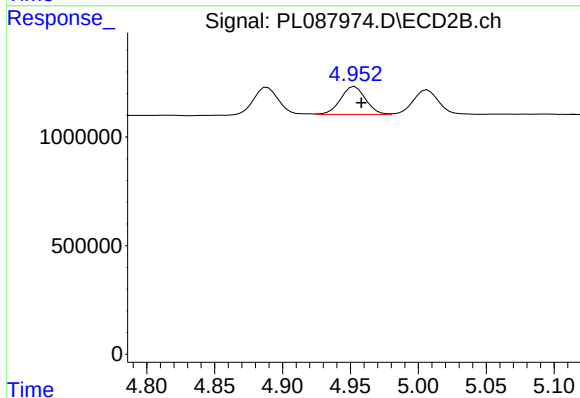
#11 alpha-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 4447604
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

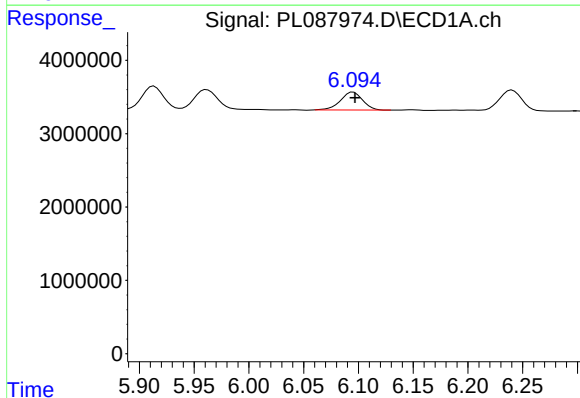
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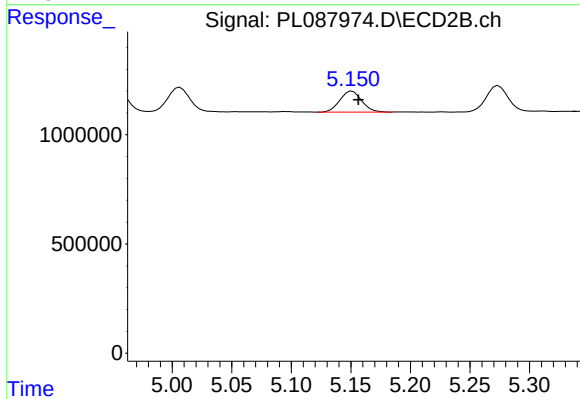
#11 alpha-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 1659014
Conc: 1.00 ng/ml m



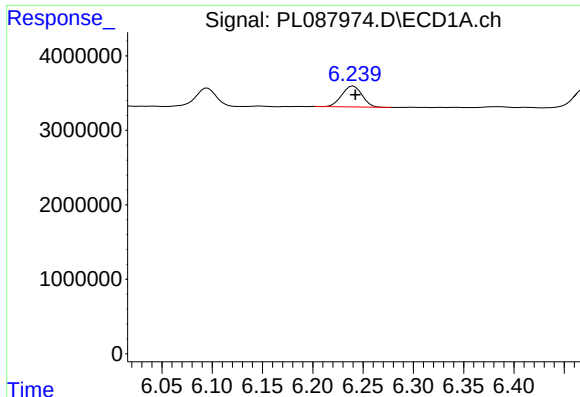
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 3443613
Conc: 1.08 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: -0.005 min
Response: 1220980
Conc: 0.91 ng/ml



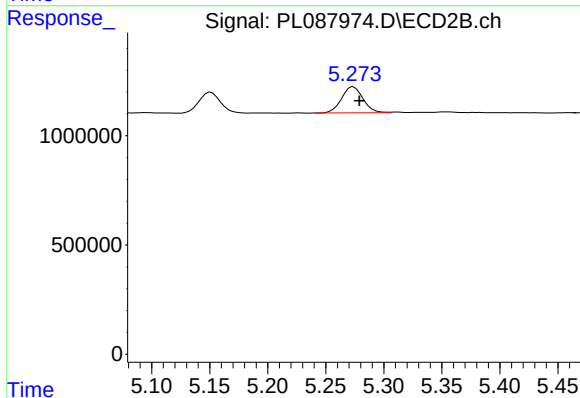
#13 Dieldrin

R.T.: 6.240 min
Delta R.T.: -0.002 min
Response: 3924434
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

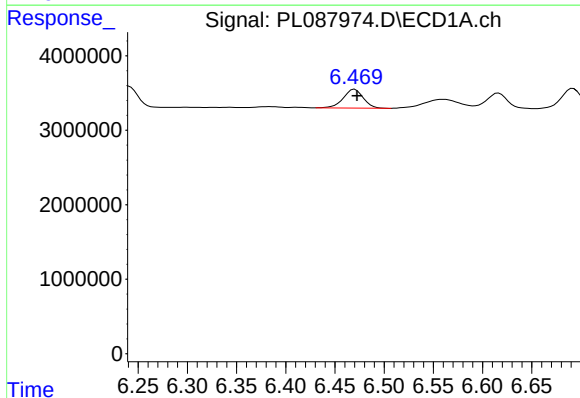
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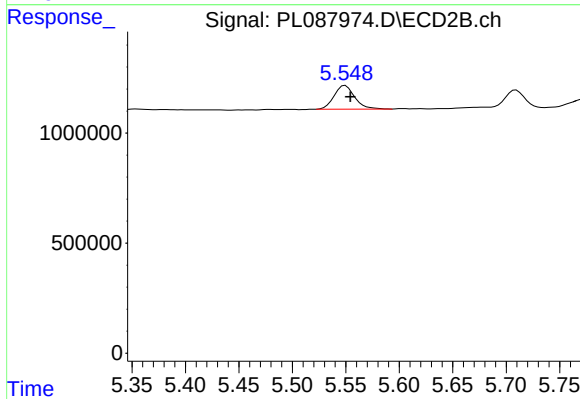
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 1529425
Conc: 0.96 ng/ml



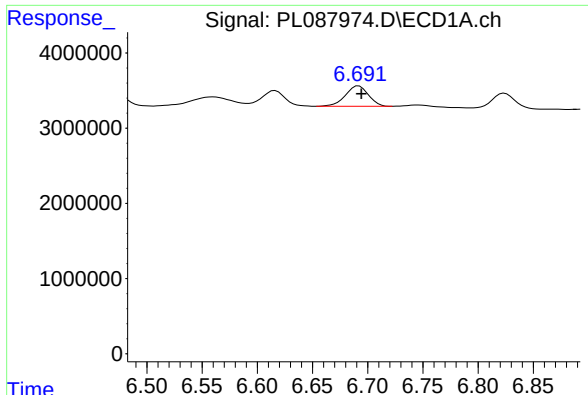
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 3569808
Conc: 1.14 ng/ml



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.005 min
Response: 1437957
Conc: 1.01 ng/ml



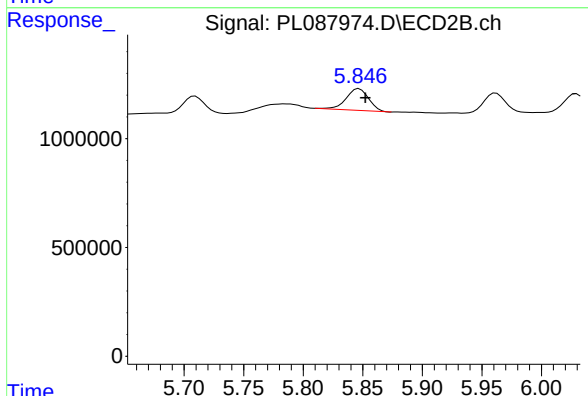
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 3964753
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

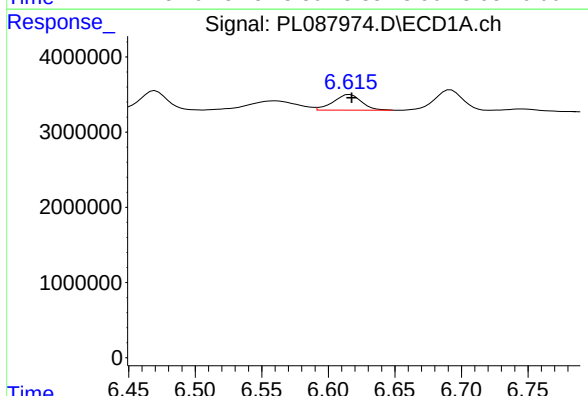
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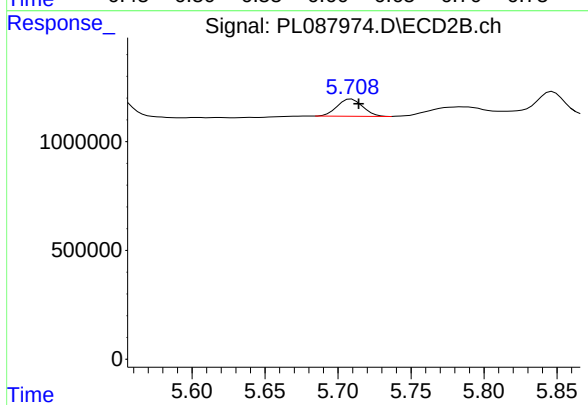
#15 Endosulfan II

R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 1309591
Conc: 0.96 ng/ml m



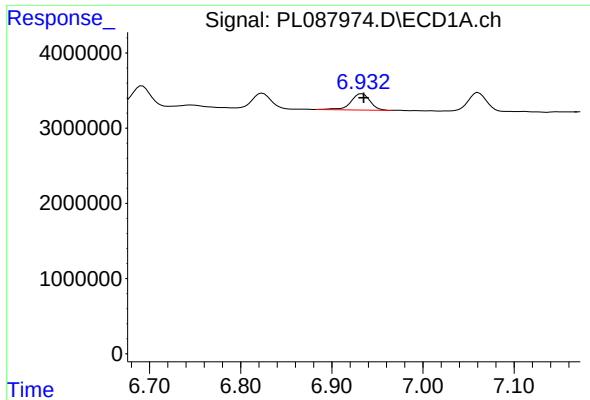
#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 3033189
Conc: 1.18 ng/ml m



#16 4,4'-DDD

R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 966861
Conc: 0.86 ng/ml m



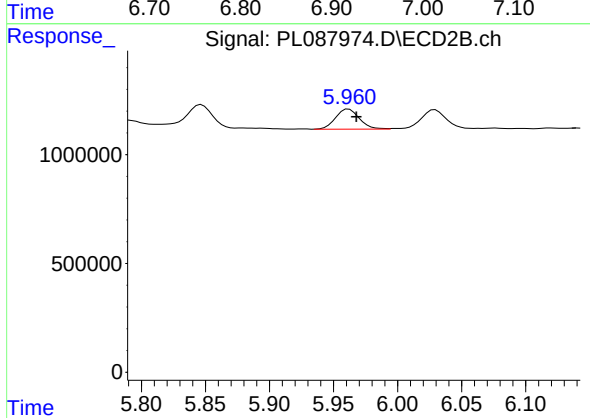
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 3153382
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

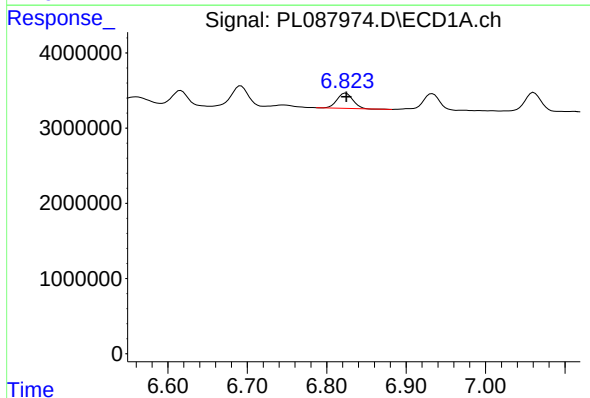
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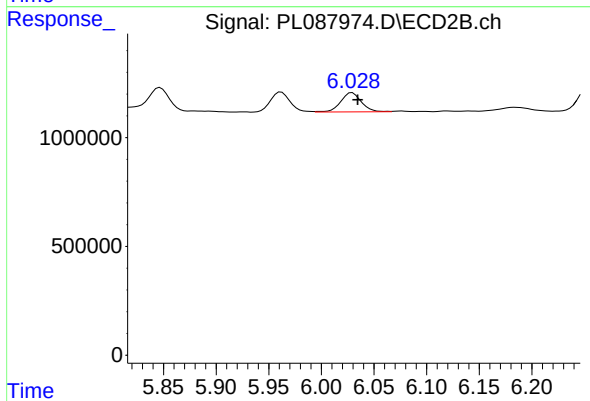
#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 1184425
Conc: 0.95 ng/ml



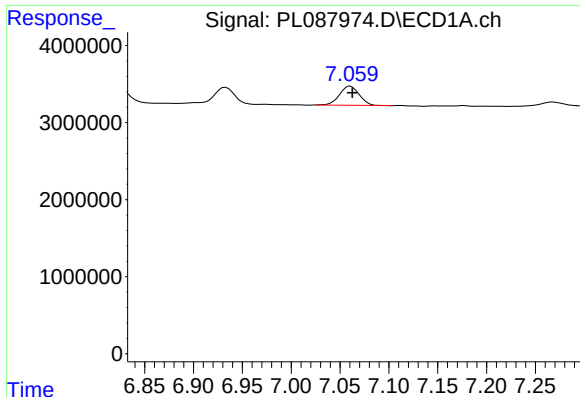
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.001 min
Response: 2790063
Conc: 1.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 1209632
Conc: 1.04 ng/ml



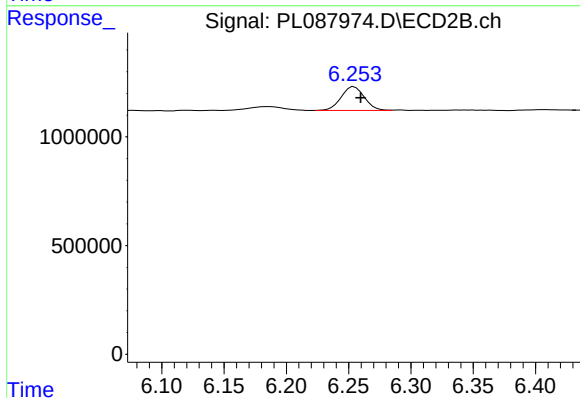
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 3488681
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

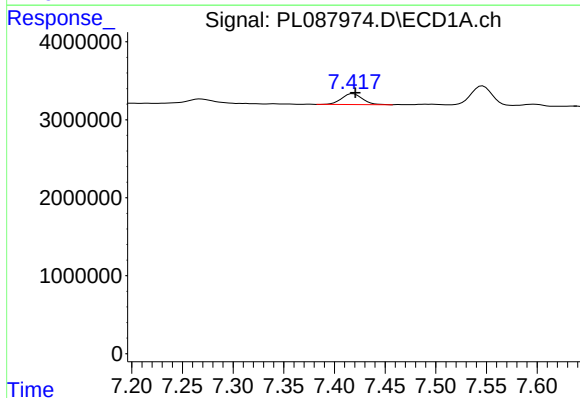
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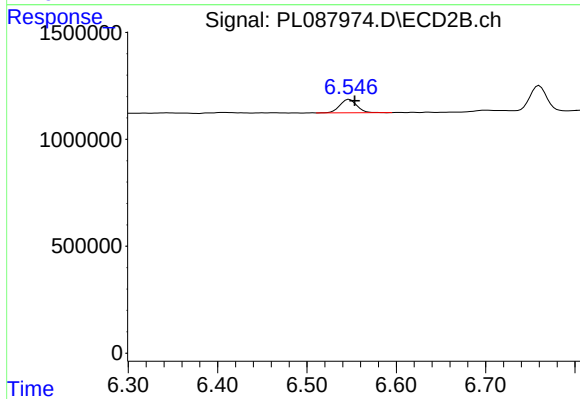
#19 Endosulfan Sulfate

R.T.: 6.254 min
Delta R.T.: -0.005 min
Response: 1419654
Conc: 1.08 ng/ml



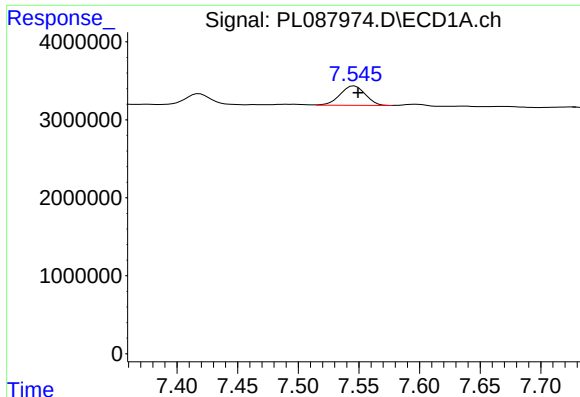
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 1990741
Conc: 1.23 ng/ml



#20 Methoxychlor

R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 831434
Conc: 1.13 ng/ml



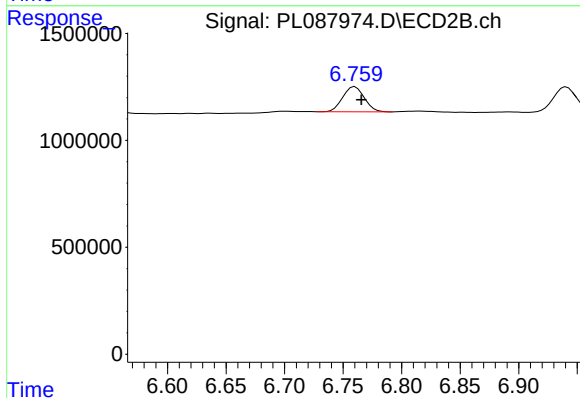
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 3575254
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

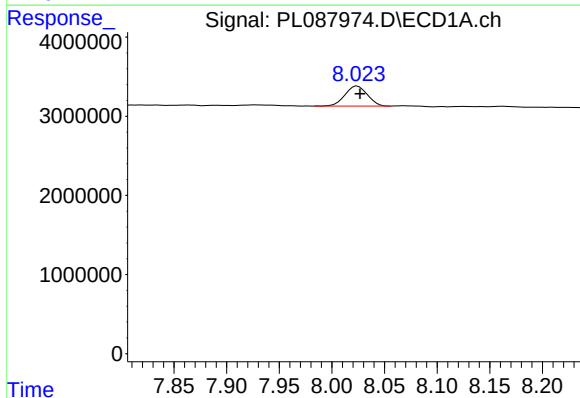
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



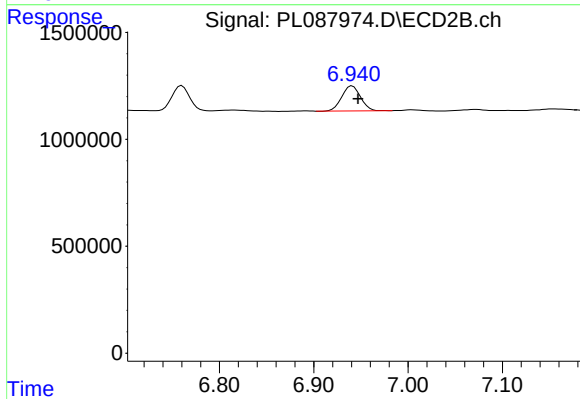
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 1508252
Conc: 0.98 ng/ml



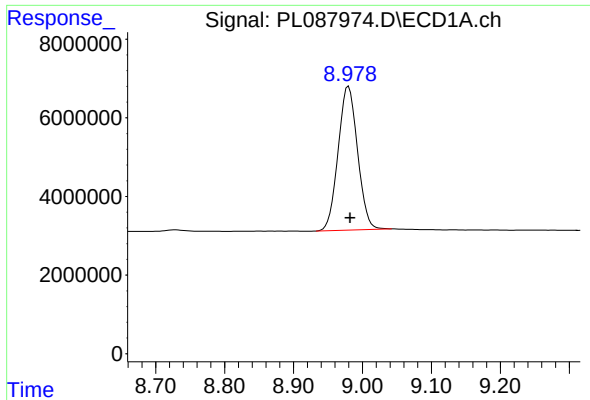
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.002 min
Response: 3751627
Conc: 1.34 ng/ml



#22 Mirex

R.T.: 6.941 min
Delta R.T.: -0.006 min
Response: 1625645
Conc: 1.21 ng/ml



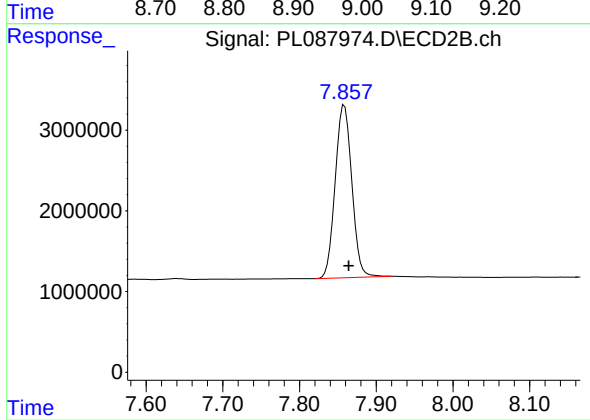
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.002 min
Response: 71736646
Conc: 25.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2024

Manual Integrations
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Supervised By :Ankita Jodhani 01/29/2024



#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 32339210
Conc: 25.53 ng/ml