

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012925\
 Data File : PL093852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 16:02
 Operator : AR\AJ
 Sample : Q1168-09
 Misc : TOX MDL 50PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/30/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 09:29:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.775	48371165	53880771	17.963	16.507
28)	SA Decachlor...	9.071	7.917	45517813	72204118	21.759	20.606
Target Compounds							
2)	A alpha-BHC	0.000	3.278	0	212687	N.D.	0.044 #
3)	MA gamma-BHC...	0.000	3.609	0	79745	N.D.	0.017 #
4)	MA Heptachlor	0.000	3.916f	0	330698	N.D.	0.071 #
5)	MB Aldrin	0.000	4.235	0	117099	N.D.	0.026 #
6)	B beta-BHC	0.000	3.916	0	330698	N.D.	0.166 #
7)	B delta-BHC	4.773	4.143	2306587	55298	0.658	0.012 #
8)	B Heptachlo...	0.000	4.733	0	133500	N.D.	0.032 #
10)	B gamma-Chl...	0.000	4.952f	0	936615	N.D.	0.221 #
11)	B alpha-Chl...	0.000	5.066f	0	677115	N.D.	0.162 #
12)	B 4,4'-DDE	0.000	5.228	0	393338	N.D.	0.098 #
14)	MA Endrin	0.000	5.661f	0	385792	N.D.	0.104 #
15)	B Endosulfa...	0.000	5.934	0	853545	N.D.	0.230 #
16)	A 4,4'-DDD	0.000	5.770	0	292021	N.D.	0.093 #
17)	MA 4,4'-DDT	0.000	6.043	0	735999	N.D.	0.226 #
18)	B Endrin al...	0.000	6.124	0	650610	N.D.	0.214 #
19)	B Endosulfa...	7.161	6.332	3512804	357065	1.552	0.100 #
20)	A Methoxychlor	0.000	6.606	0	3405873	N.D.	1.905 #
21)	B Endrin ke...	0.000	6.850	0	478904	N.D.	0.114 #
22)	Mirex	0.000	7.045f	0	2566347	N.D.	0.759 #
25)	Chlordane-3	0.000	4.952f	0	936615	N.D.	2.154 #
26)	Chlordane-4	0.000	5.066f	0	677115	N.D.	1.598 #
27)	Chlordane-5	0.000	5.934	0	853545	N.D.	5.573 #

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

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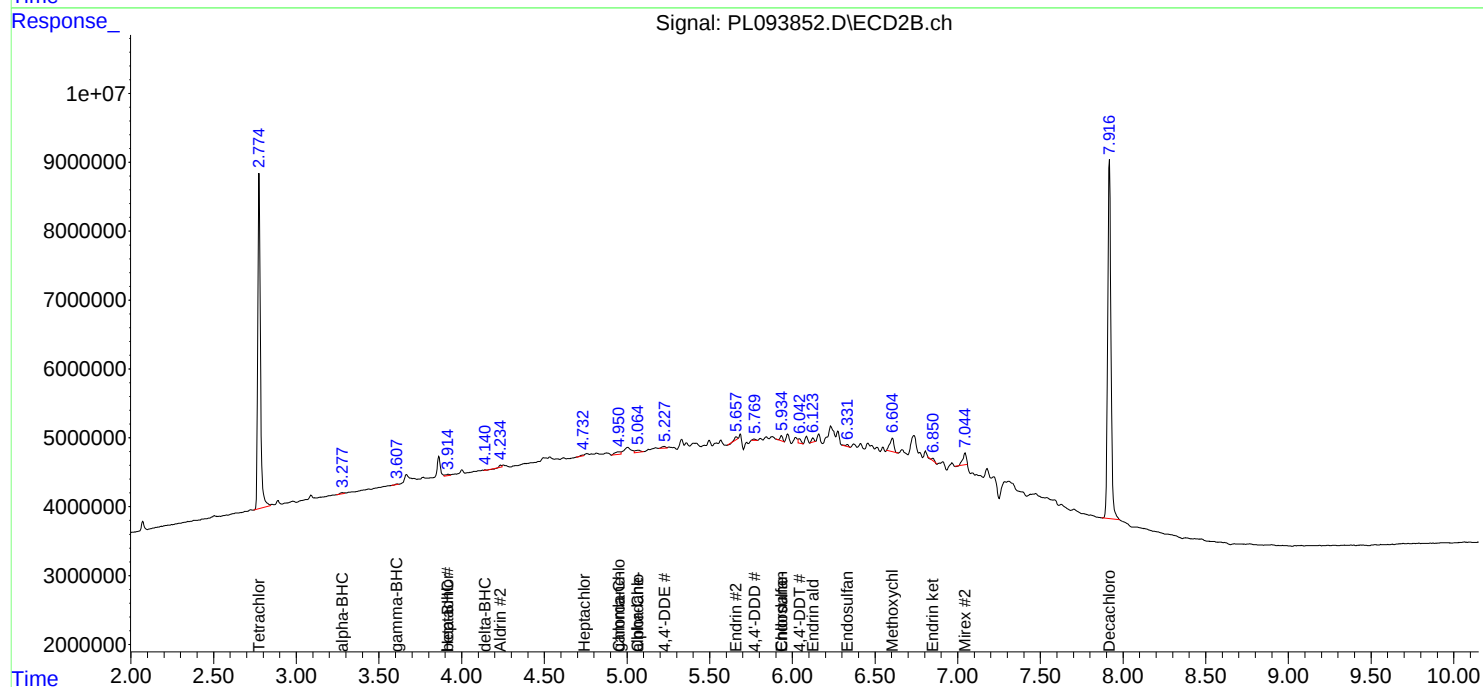
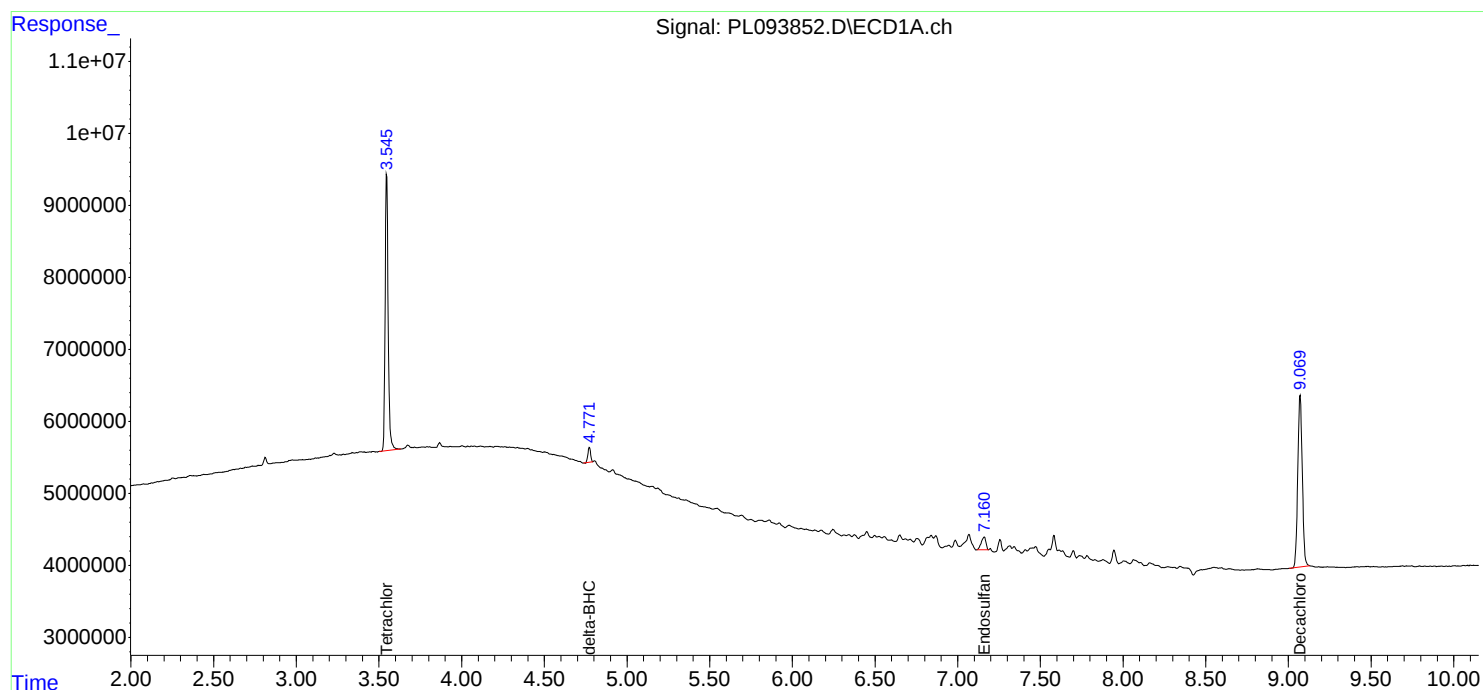
Instrument :
 ECD_L
 ClientSampleId :
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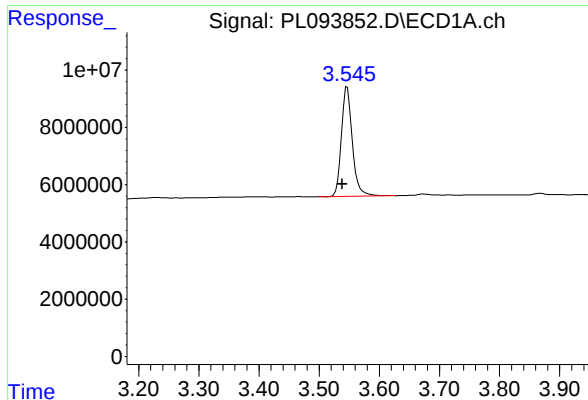
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 09:29:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
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 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





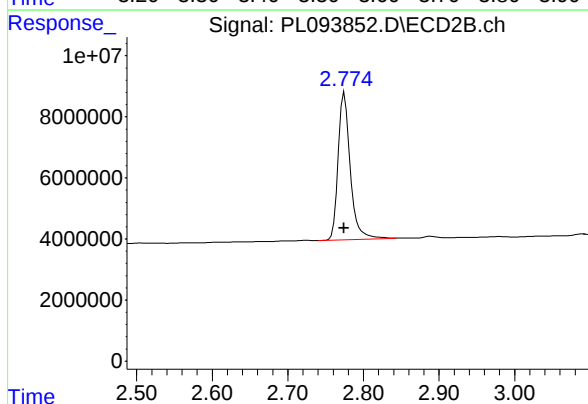
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.008 min
Response: 48371165
Conc: 17.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

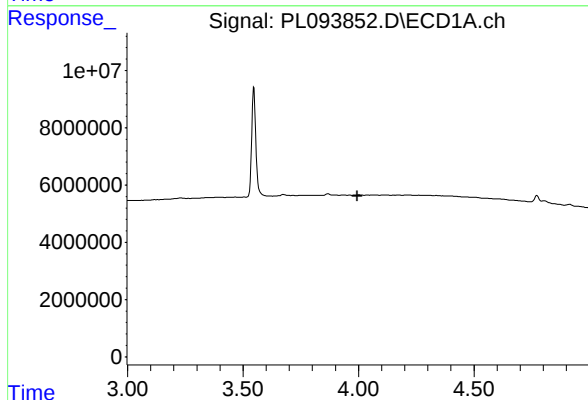
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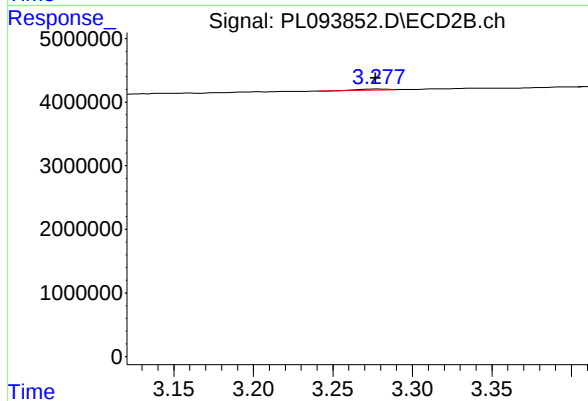
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 53880771
Conc: 16.51 ng/ml



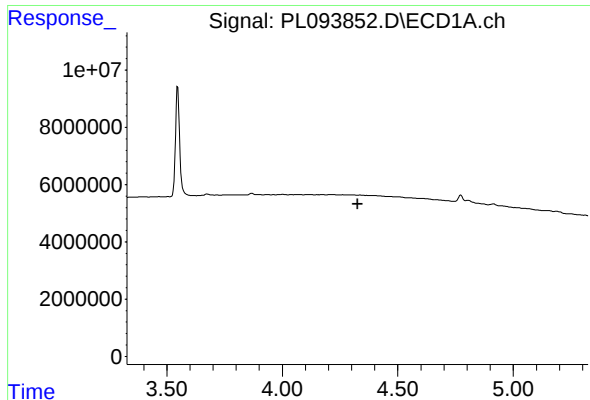
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T.: 3.995 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.001 min
Response: 212687
Conc: 0.04 ng/ml



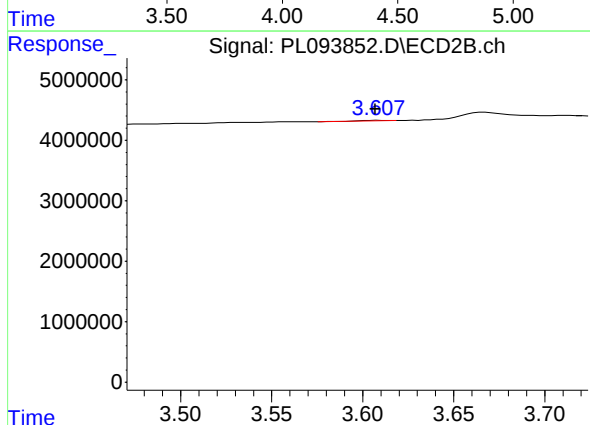
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.327 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
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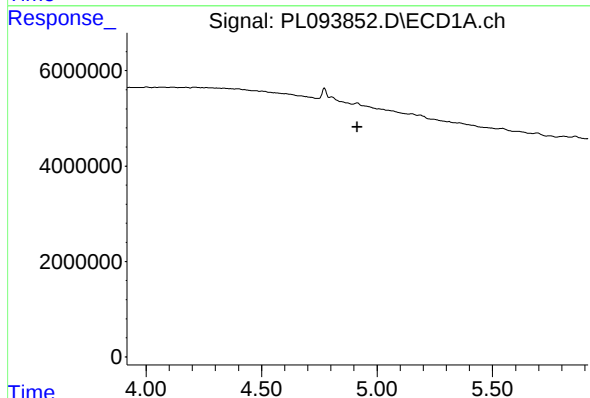
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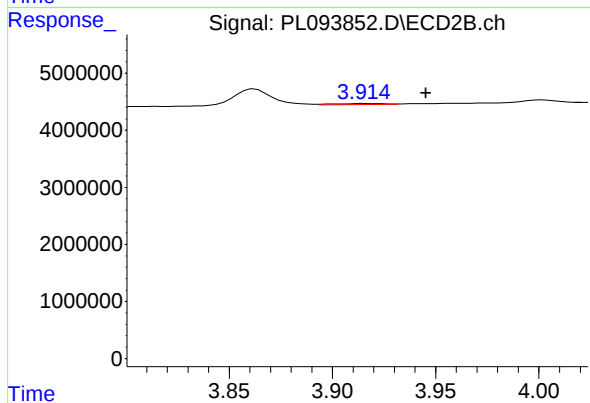
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.002 min
Response: 79745
Conc: 0.02 ng/ml



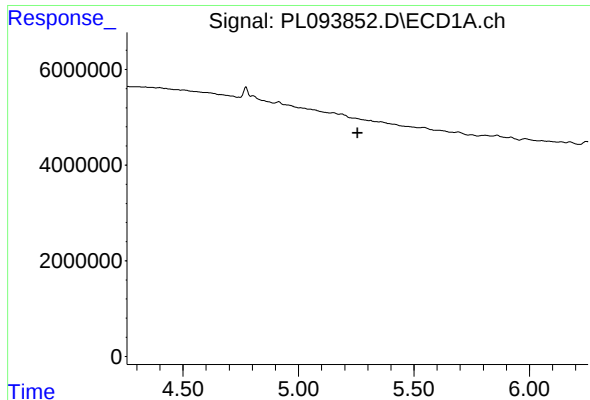
#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 4.914 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 3.916 min
Delta R.T.: -0.029 min
Response: 330698
Conc: 0.07 ng/ml



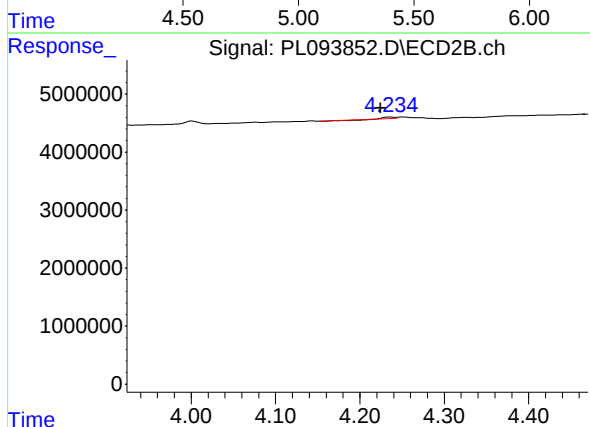
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

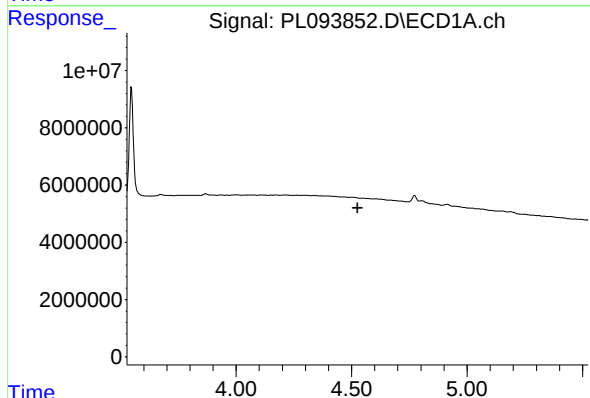
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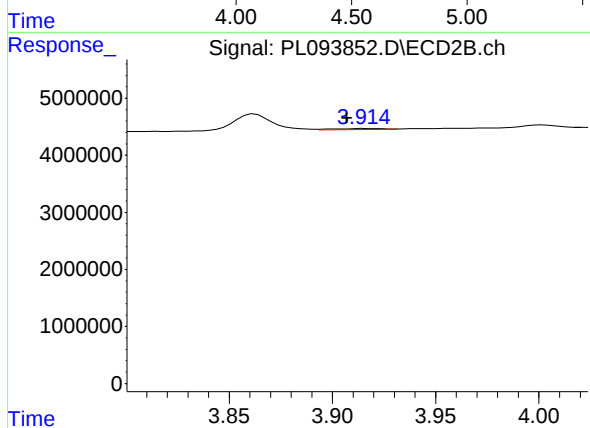
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.011 min
Response: 117099
Conc: 0.03 ng/ml



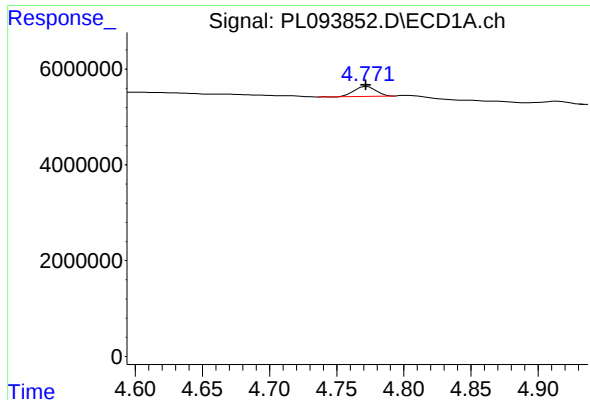
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.525 min
Response: 0
Conc: N.D.



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.009 min
Response: 330698
Conc: 0.17 ng/ml



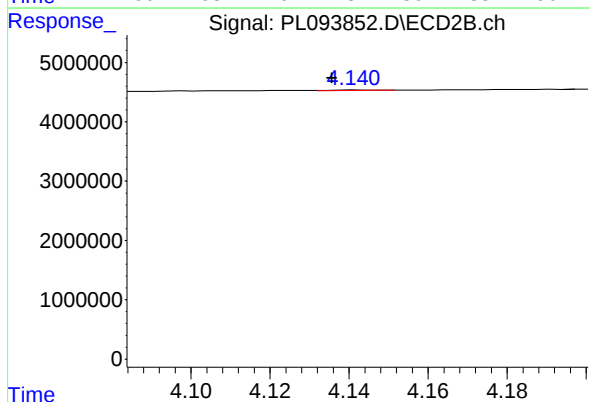
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 2306587
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

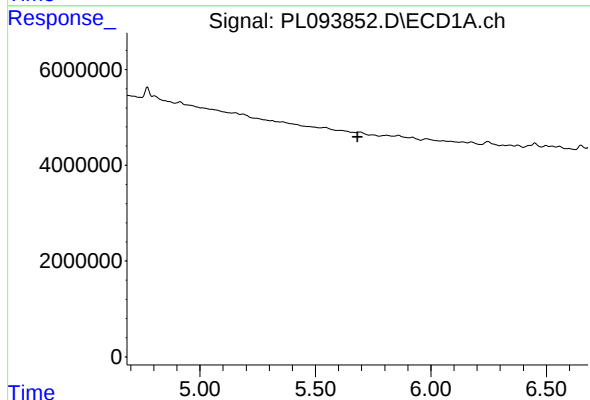
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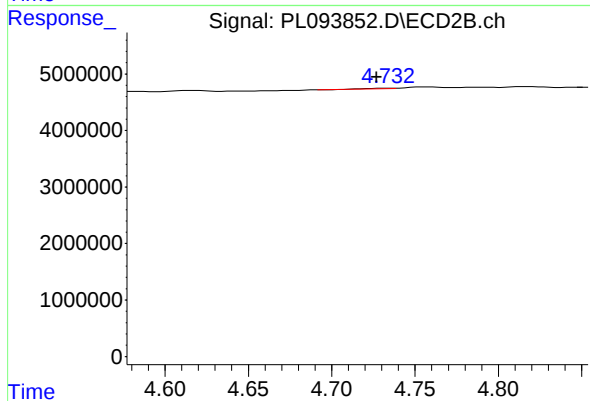
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: 0.007 min
Response: 55298
Conc: 0.01 ng/ml



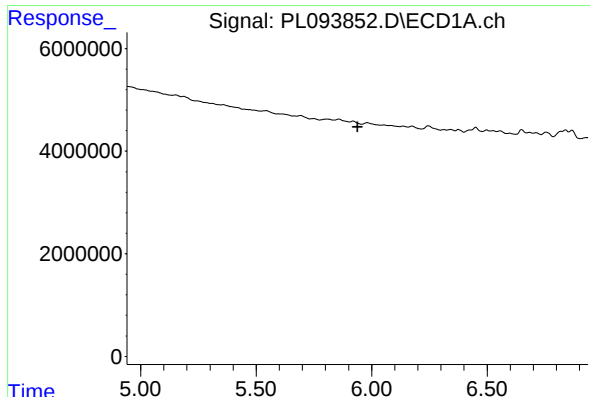
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.682 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: 0.006 min
Response: 133500
Conc: 0.03 ng/ml



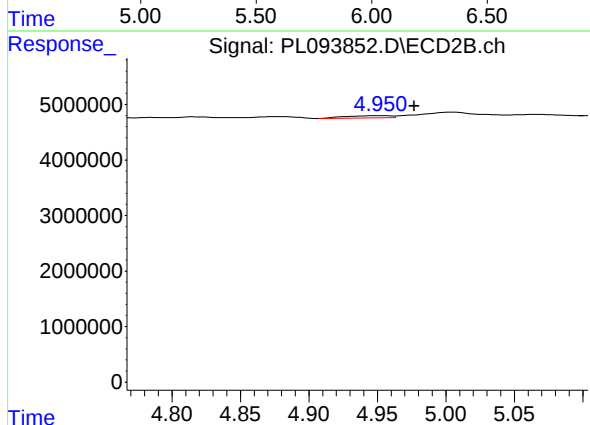
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

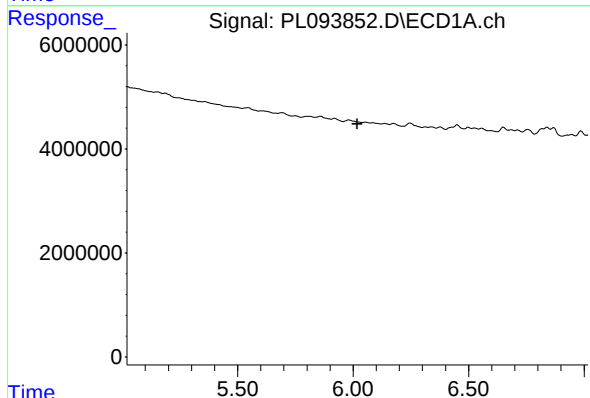
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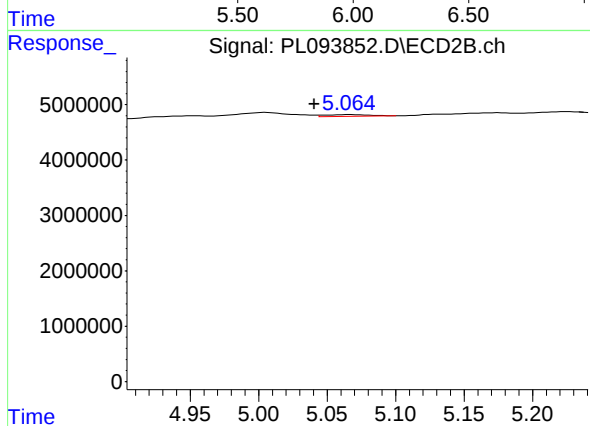
#10 gamma-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.025 min
Response: 936615
Conc: 0.22 ng/ml



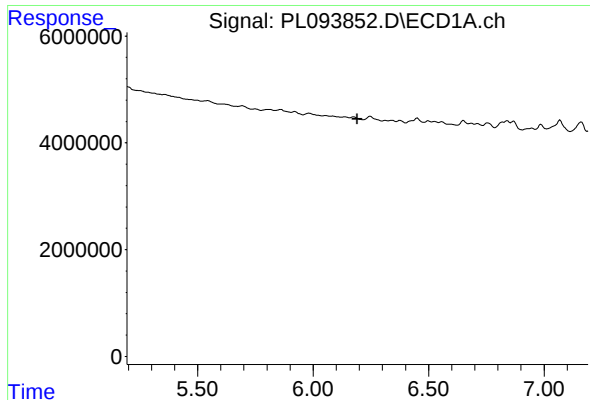
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 6.017 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.025 min
Response: 677115
Conc: 0.16 ng/ml



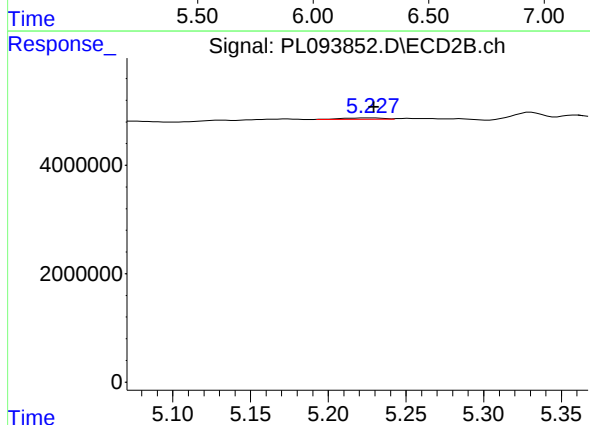
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

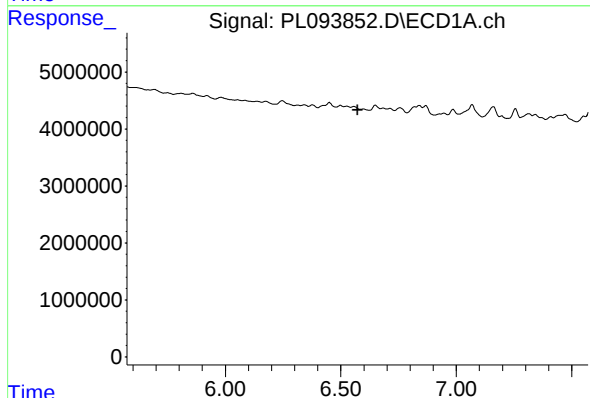
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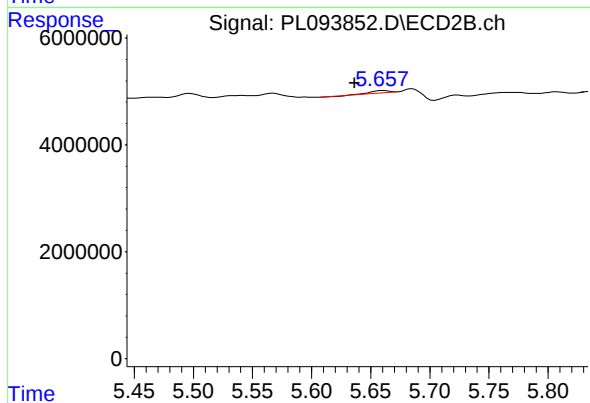
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 393338
Conc: 0.10 ng/ml



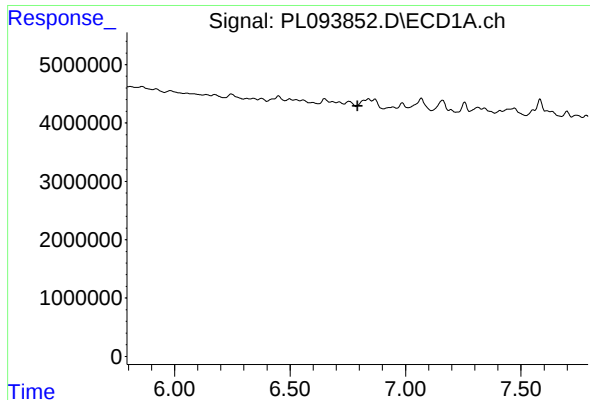
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.



#14 Endrin

R.T.: 5.661 min
Delta R.T.: 0.024 min
Response: 385792
Conc: 0.10 ng/ml



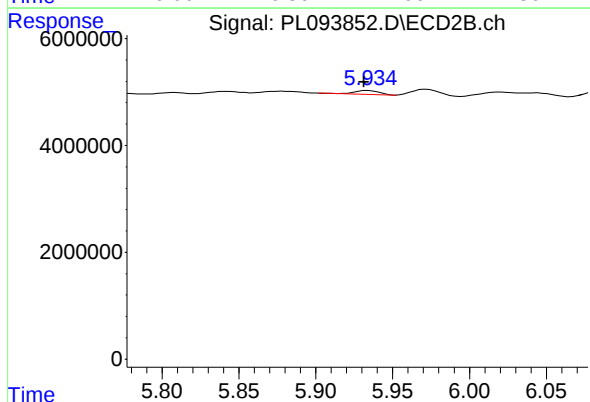
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

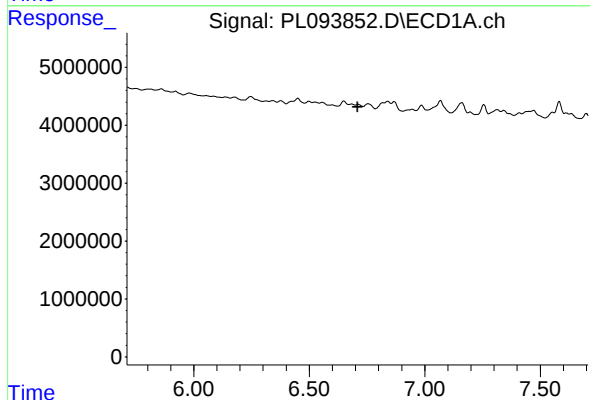
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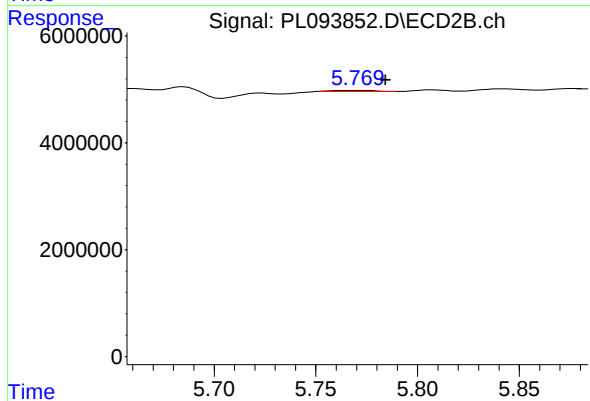
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.003 min
Response: 853545
Conc: 0.23 ng/ml



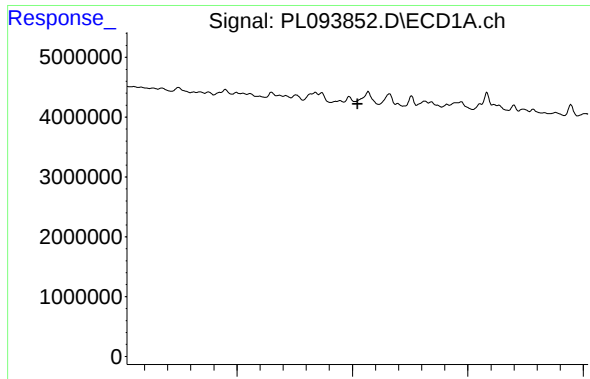
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.708 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: -0.014 min
Response: 292021
Conc: 0.09 ng/ml



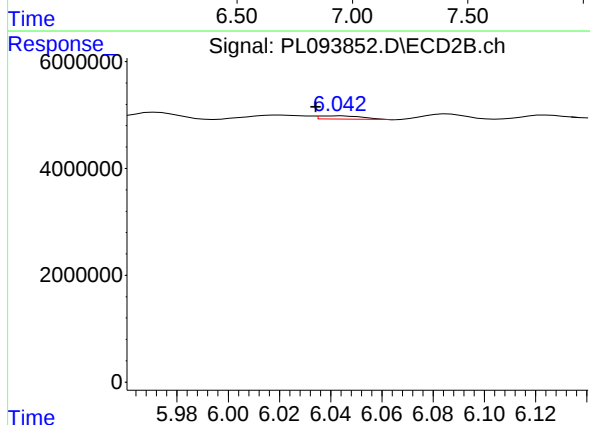
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.022 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

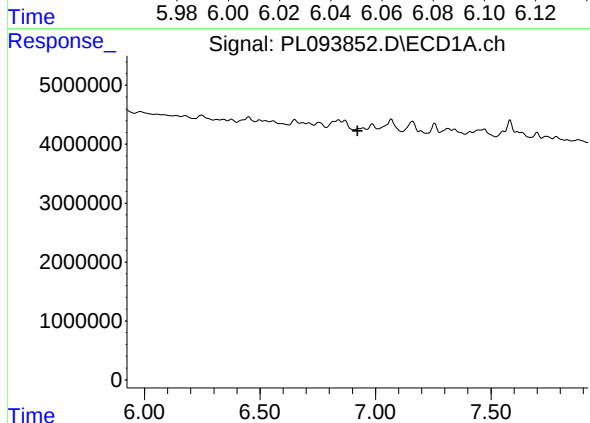
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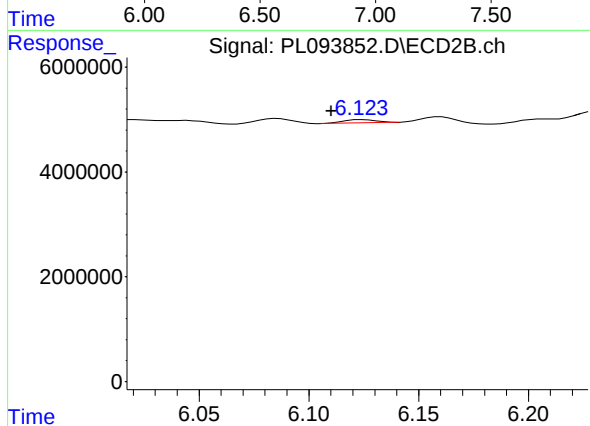
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.009 min
Response: 735999
Conc: 0.23 ng/ml



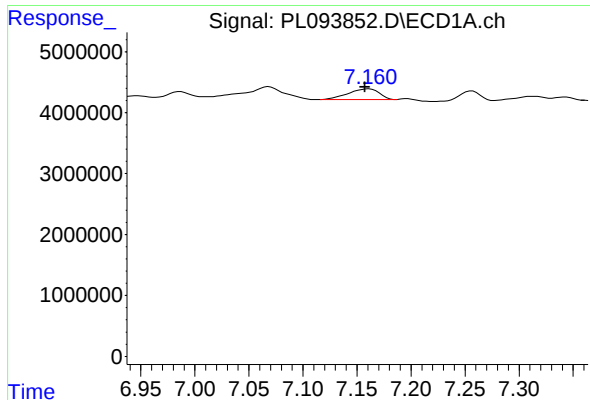
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.923 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.014 min
Response: 650610
Conc: 0.21 ng/ml



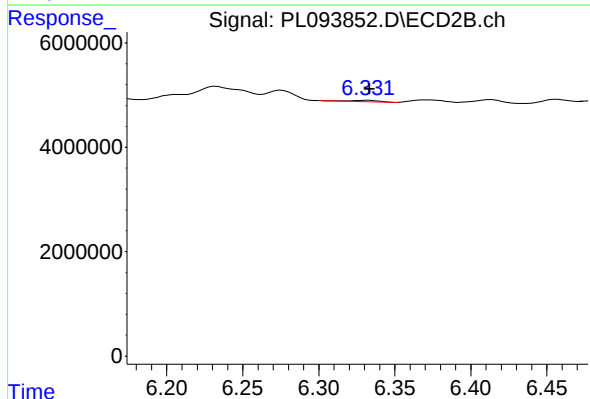
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.004 min
Response: 3512804
Conc: 1.55 ng/ml

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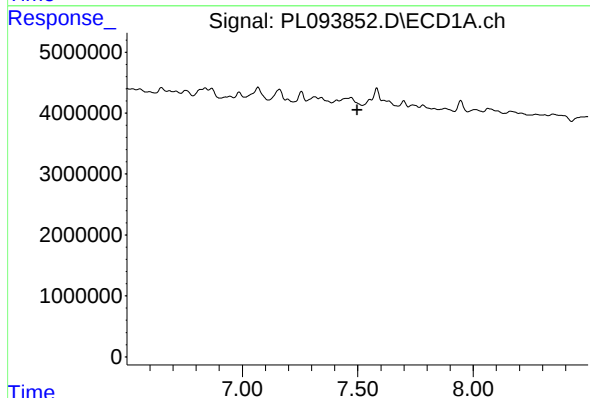
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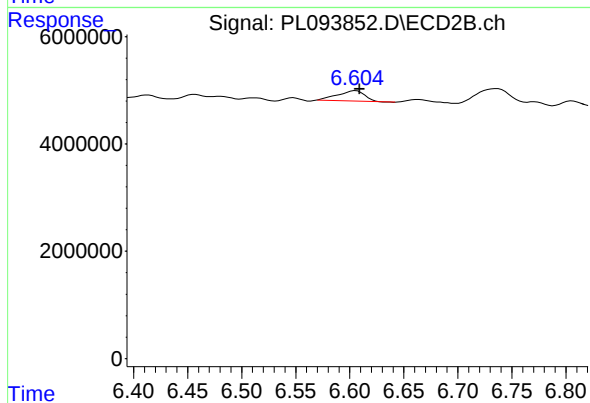
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 357065
Conc: 0.10 ng/ml



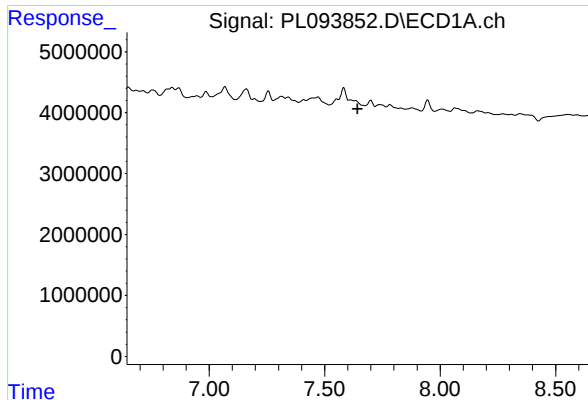
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.498 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.004 min
Response: 3405873
Conc: 1.90 ng/ml



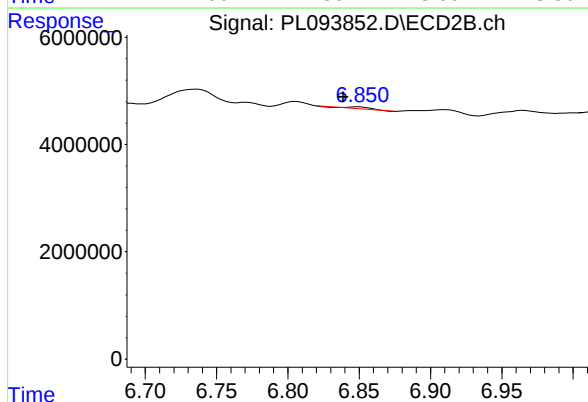
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.642 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

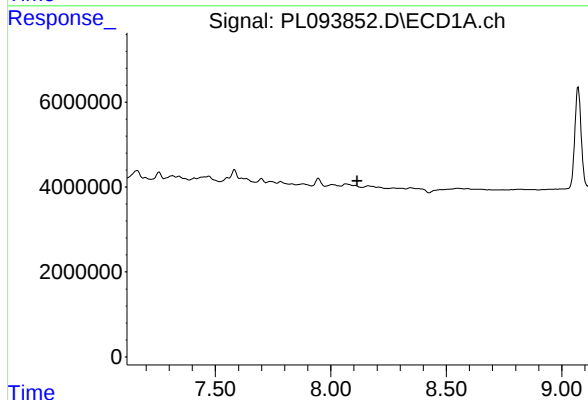
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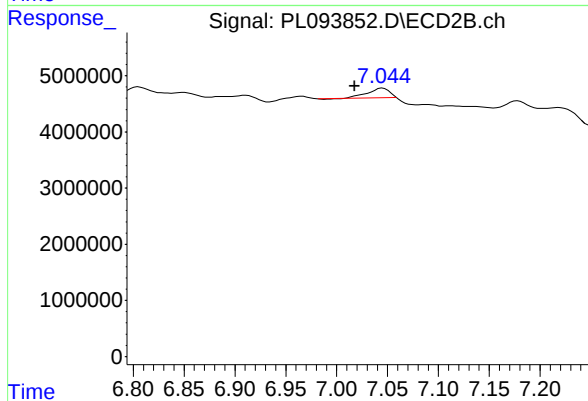
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: 0.011 min
Response: 478904
Conc: 0.11 ng/ml



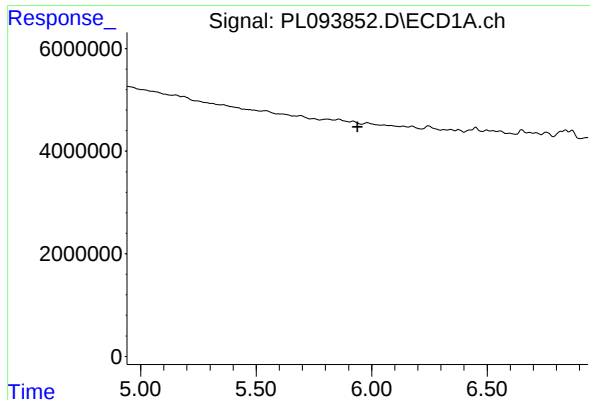
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

R.T.: 7.045 min
Delta R.T.: 0.028 min
Response: 2566347
Conc: 0.76 ng/ml



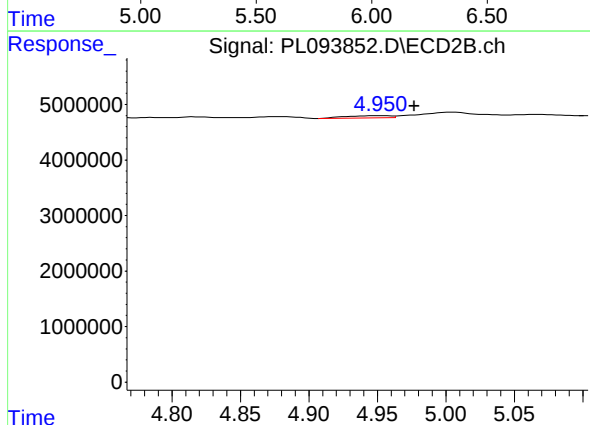
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

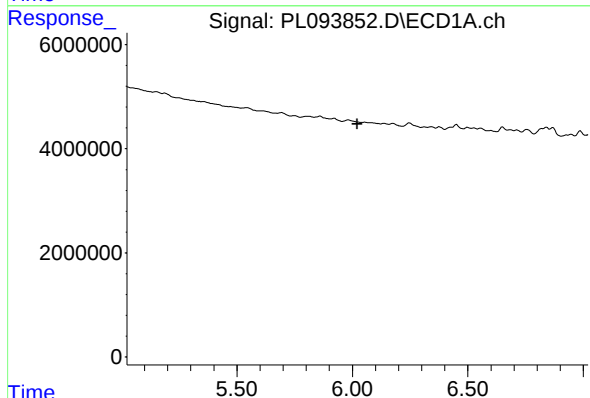
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/30/2025
Supervised By :Ankita Jodhani 01/31/2025



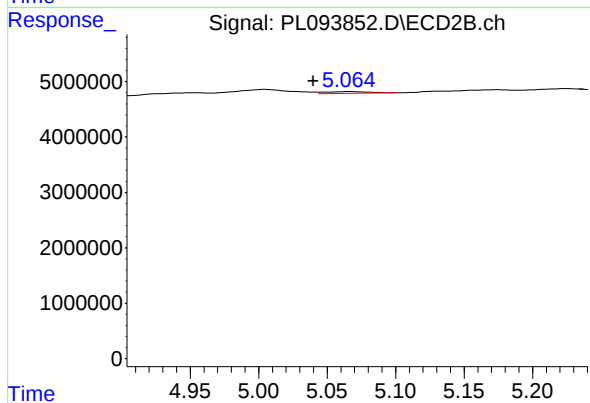
#25 Chlordane-3

R.T.: 4.952 min
Delta R.T.: -0.025 min
Response: 936615
Conc: 2.15 ng/ml



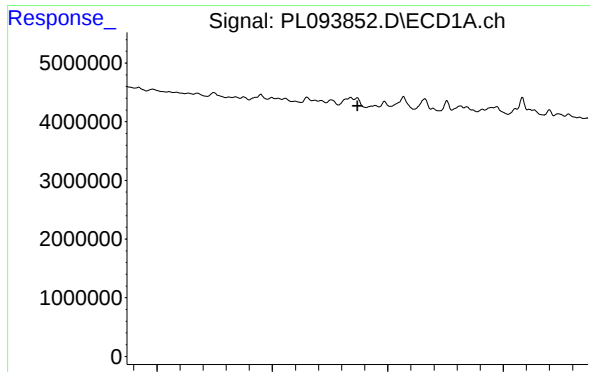
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.



#26 Chlordane-4

R.T.: 5.066 min
Delta R.T.: 0.026 min
Response: 677115
Conc: 1.60 ng/ml



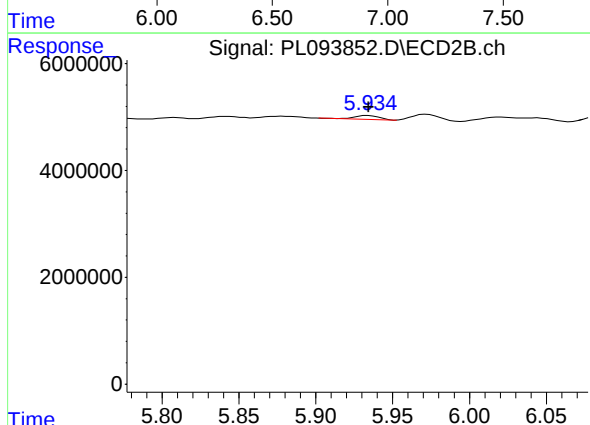
#27 Chlorine-5

R.T.: 0.000 min
Exp R.T.: 6.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

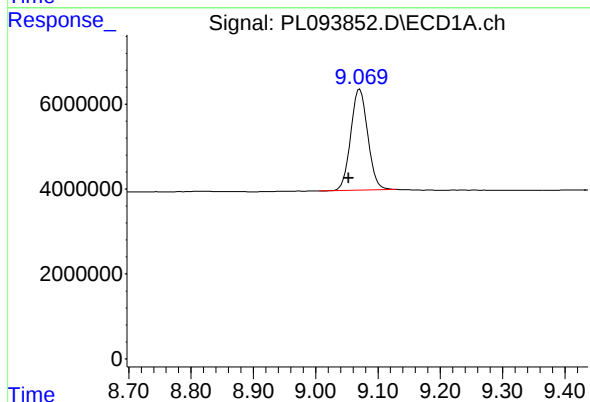
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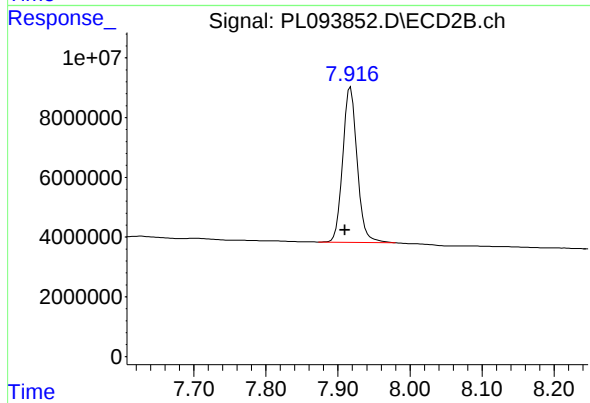
#27 Chlorine-5

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 853545
Conc: 5.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.018 min
Response: 45517813
Conc: 21.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.008 min
Response: 72204118
Conc: 20.61 ng/ml