

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
 Data File : PL093879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2025 10:42
 Operator : AR\AJ
 Sample : Q1168-09
 Misc : TOX MDL 50PPB
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 10:53:54 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...	3.539	2.774	47684025	53078836	17.708	16.261
28) SA Decachlor...	9.054	7.909	43867577	69090122	20.970	19.717
Target Compounds						
2) A alpha-BHC	0.000	3.278	0	242774	N.D.	0.050 #
3) MA gamma-BHC...	0.000	3.604	0	149187	N.D.	0.031 #
4) MA Heptachlor	0.000	3.918f	0	111548	N.D.	0.024 #
5) MB Aldrin	0.000	4.233	0	445096	N.D.	0.098 #
6) B beta-BHC	0.000	3.918	0	111548	N.D.	0.056 #
7) B delta-BHC	4.763	4.141	2542303	95250	0.725	0.020 #
8) B Heptachlo...	0.000	4.726	0	137049	N.D.	0.033 #
10) B gamma-Chl...	0.000	5.001f	0	2778783	N.D.	0.656 #
11) B alpha-Chl...	0.000	5.064f	0	1045770	N.D.	0.250 #
12) B 4,4'-DDE	0.000	5.218	0	501865	N.D.	0.125 #
14) MA Endrin	0.000	5.654f	0	225341	N.D.	0.061 #
15) B Endosulfa...	0.000	5.928	0	564190	N.D.	0.152 #
18) B Endrin al...	0.000	6.119	0	556478	N.D.	0.183 #
19) B Endosulfa...	7.147	6.327	2670143	149956	1.180	0.042 #
20) A Methoxychlor	0.000	6.597	0	2219723	N.D.	1.241 #
22) Mirex	0.000	7.038f	0	3322661	N.D.	0.982 #
23) Chlordane-1	0.000	3.765	0	243211	N.D.	1.949 #
25) Chlordane-3	0.000	5.001f	0	2778783	N.D.	6.391 #
26) Chlordane-4	0.000	5.064f	0	1045770	N.D.	2.468 #
27) Chlordane-5	0.000	5.928	0	564190	N.D.	3.684 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 10:42
Operator : AR\AJ
Sample : Q1168-09
Misc : TOX MDL 50PPB
ALS Vial : 7 Sample Multiplier: 1

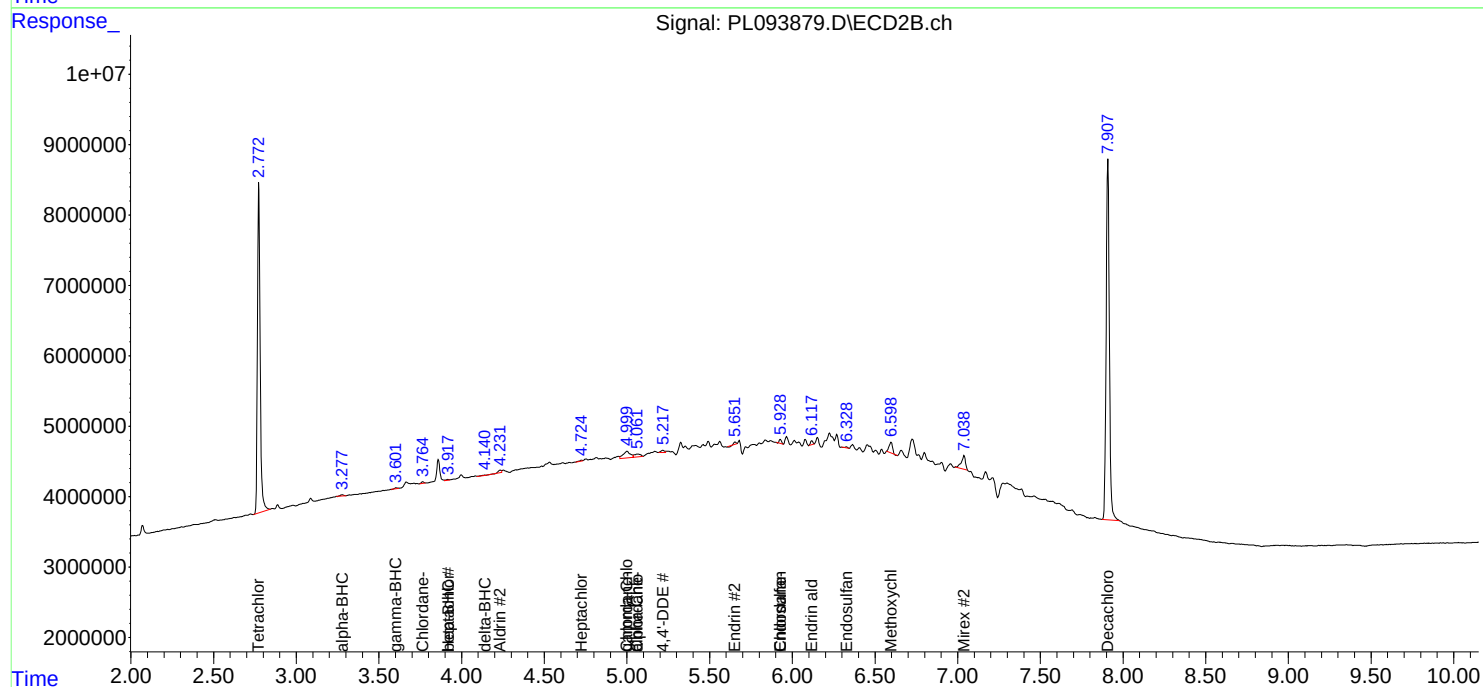
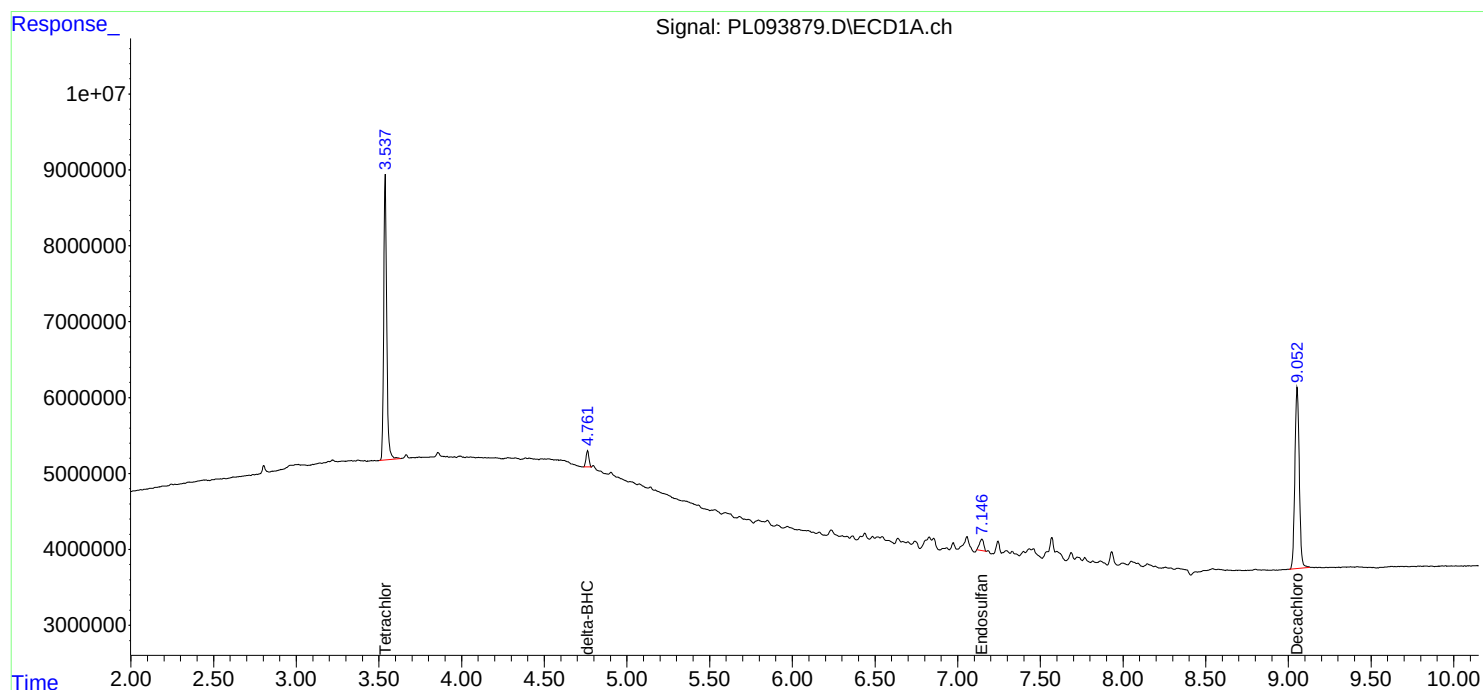
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2025

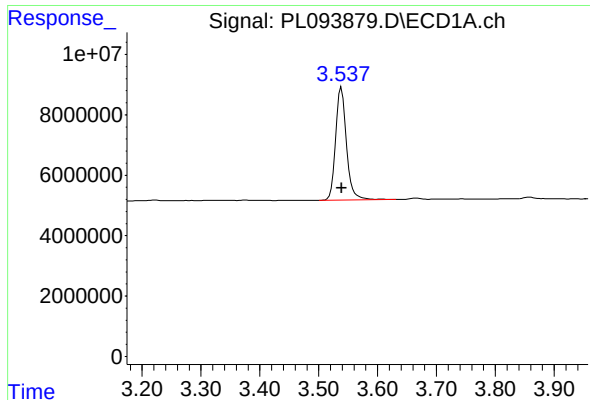
Manual Integrations
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Supervised By : Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 10:53:54 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





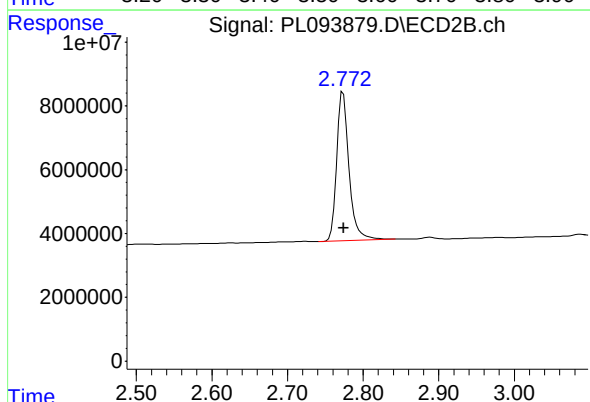
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 47684025
Conc: 17.71 ng/ml

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

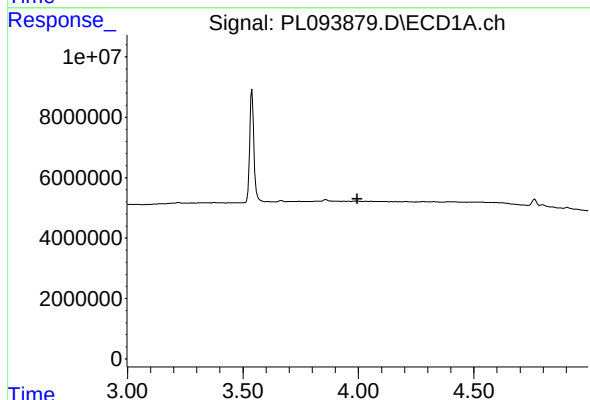
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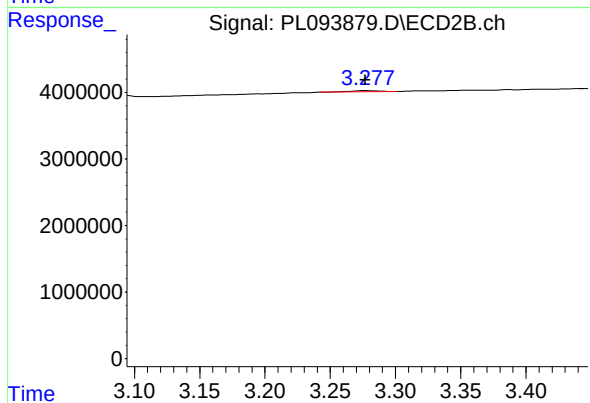
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 53078836
Conc: 16.26 ng/ml



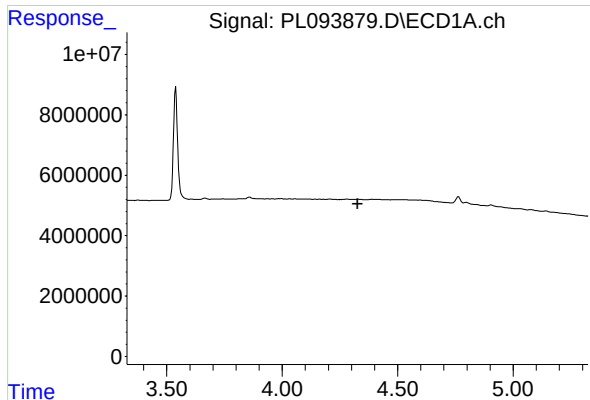
#2 alpha-BHC

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: 242774
Conc: 0.05 ng/ml



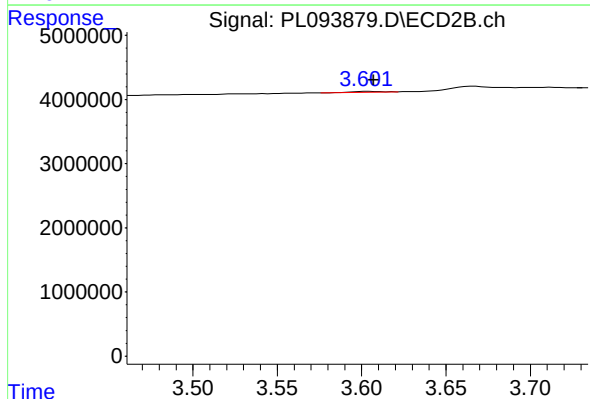
#3 gamma-BHC (Lindane)

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

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

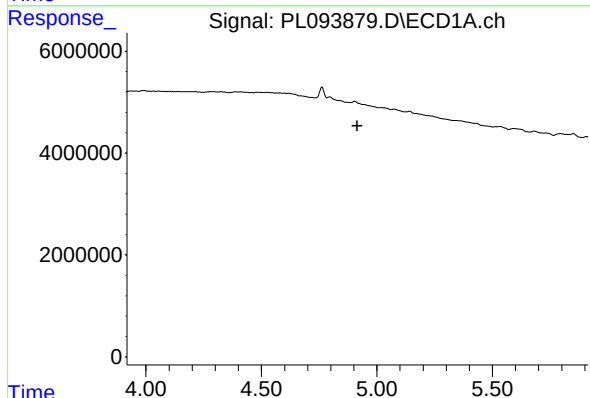
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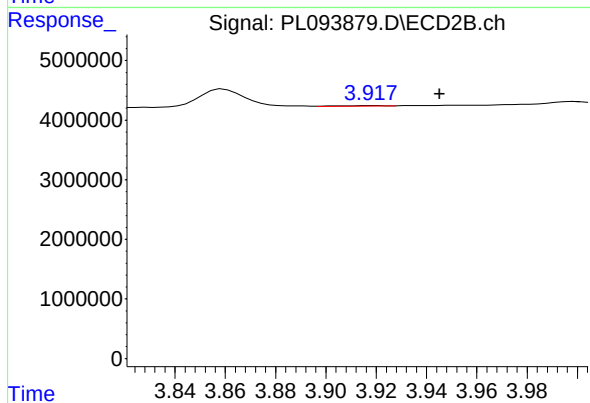
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 149187
Conc: 0.03 ng/ml



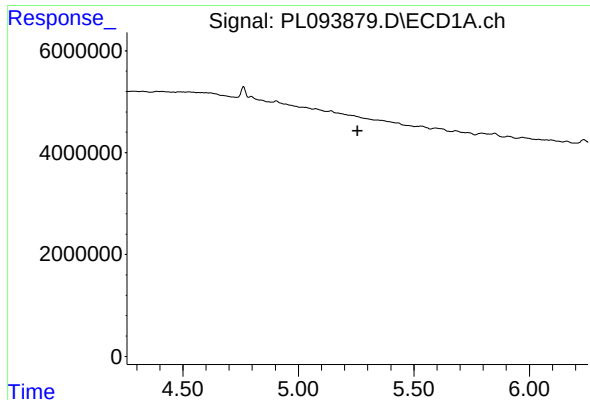
#4 Heptachlor

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



#4 Heptachlor

R.T.: 3.918 min
Delta R.T.: -0.027 min
Response: 111548
Conc: 0.02 ng/ml



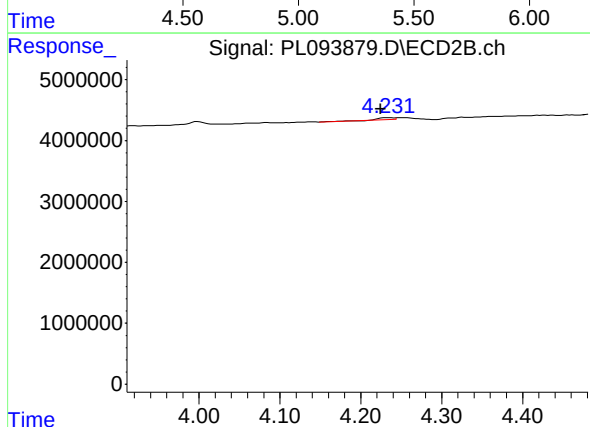
#5 Aldrin

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

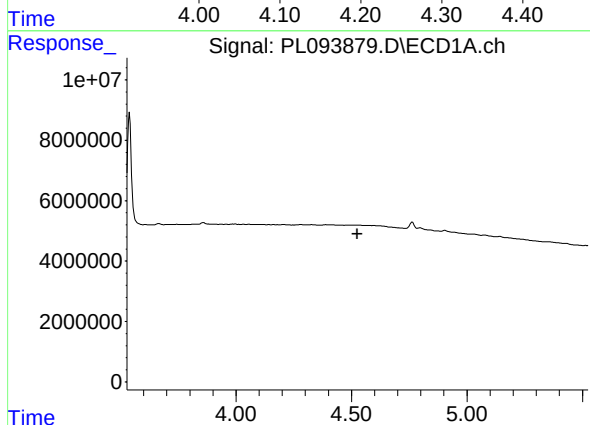
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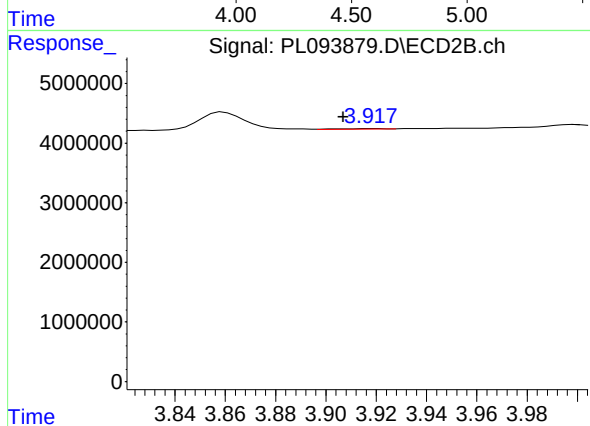
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: 0.009 min
Response: 445096
Conc: 0.10 ng/ml



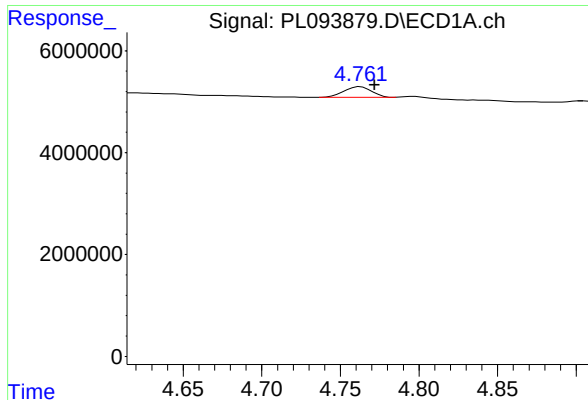
#6 beta-BHC

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



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.011 min
Response: 111548
Conc: 0.06 ng/ml



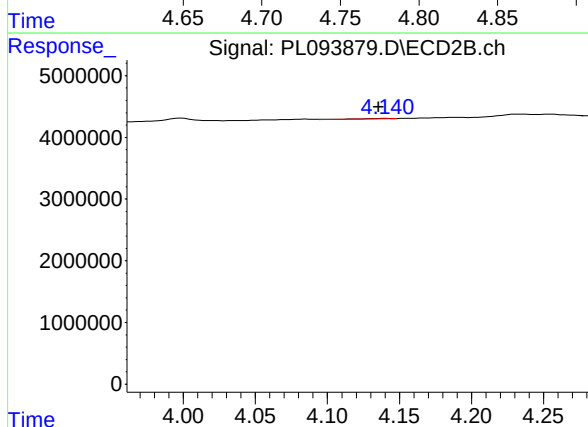
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.009 min
Response: 2542303
Conc: 0.73 ng/ml

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

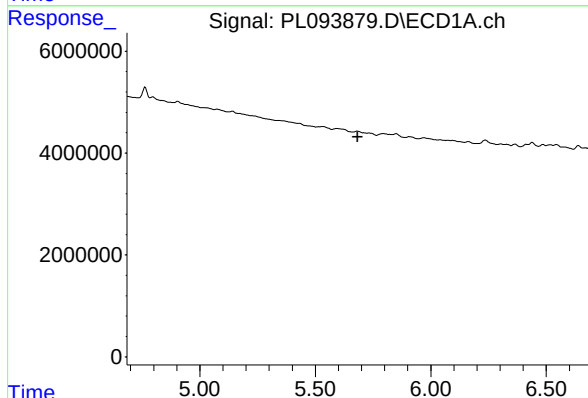
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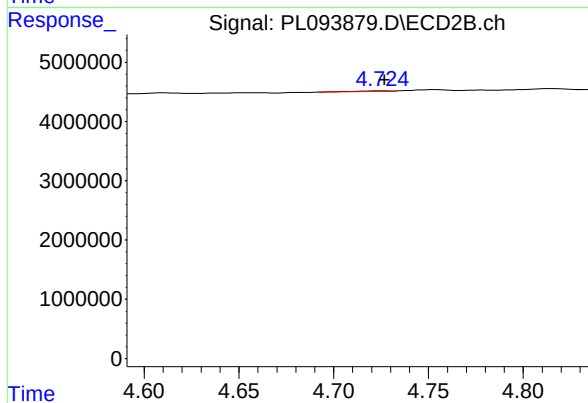
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: 0.005 min
Response: 95250
Conc: 0.02 ng/ml



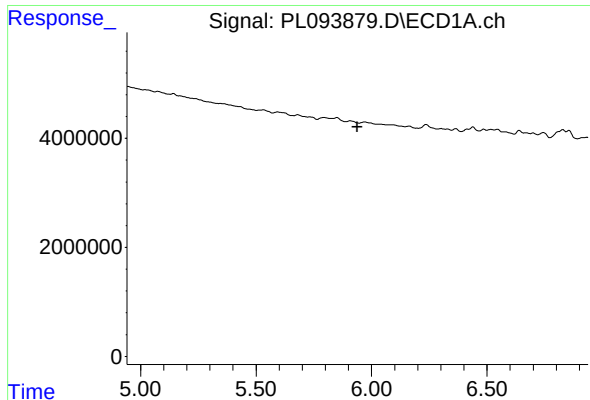
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 137049
Conc: 0.03 ng/ml



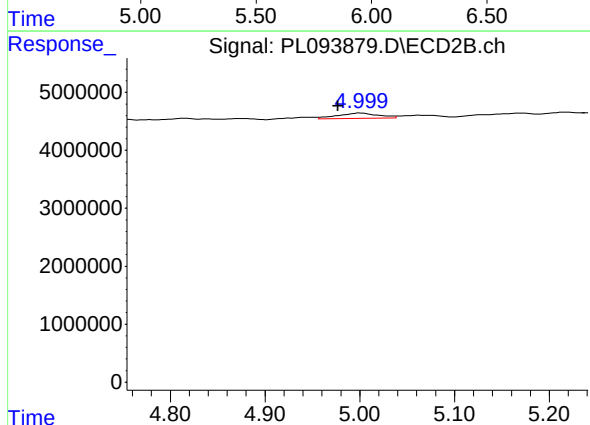
#10 gamma-Chlordane

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

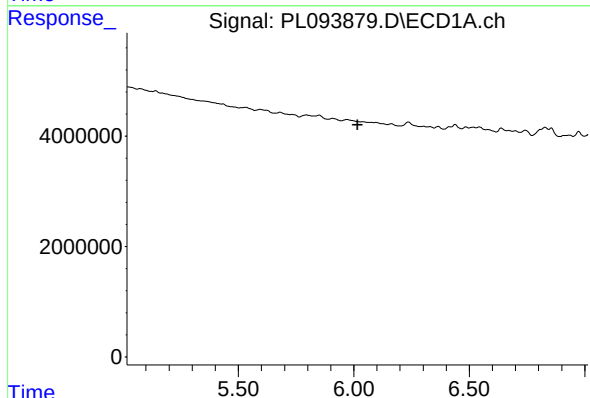
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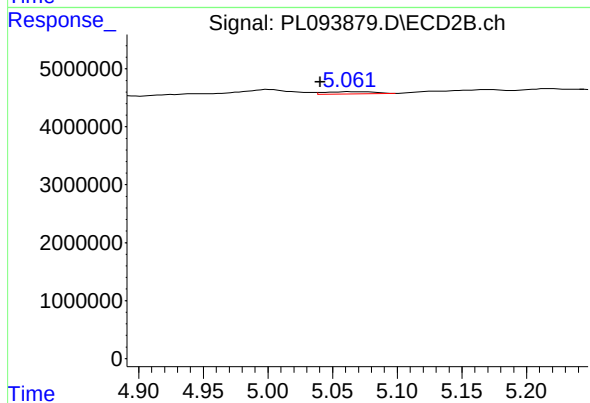
#10 gamma-Chlordane

R.T.: 5.001 min
Delta R.T.: 0.024 min
Response: 2778783
Conc: 0.66 ng/ml



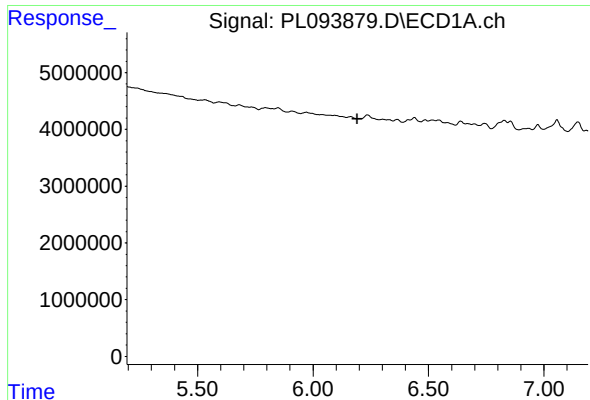
#11 alpha-Chlordane

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



#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.023 min
Response: 1045770
Conc: 0.25 ng/ml



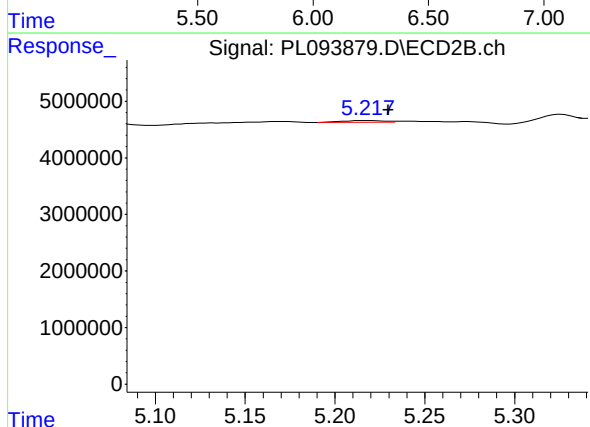
#12 4,4'-DDE

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

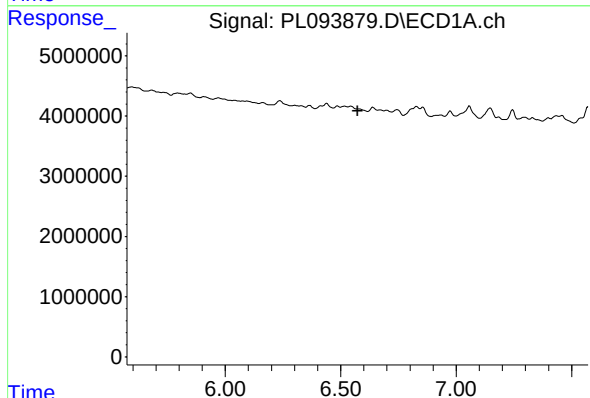
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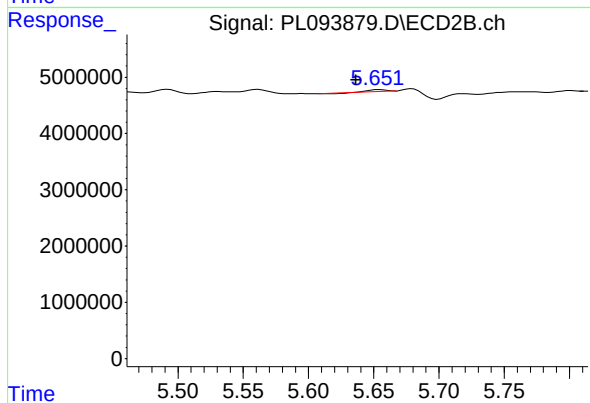
#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.012 min
Response: 501865
Conc: 0.13 ng/ml



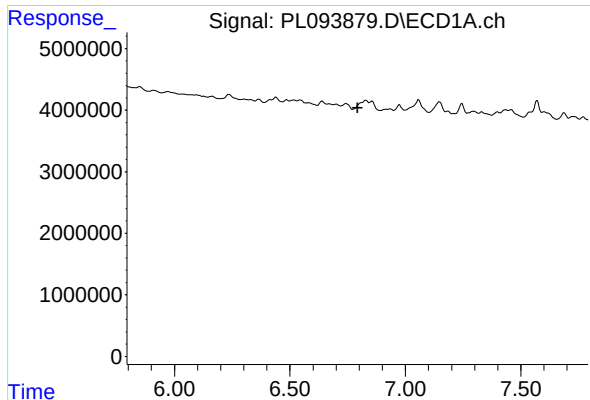
#14 Endrin

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



#14 Endrin

R.T.: 5.654 min
Delta R.T.: 0.018 min
Response: 225341
Conc: 0.06 ng/ml



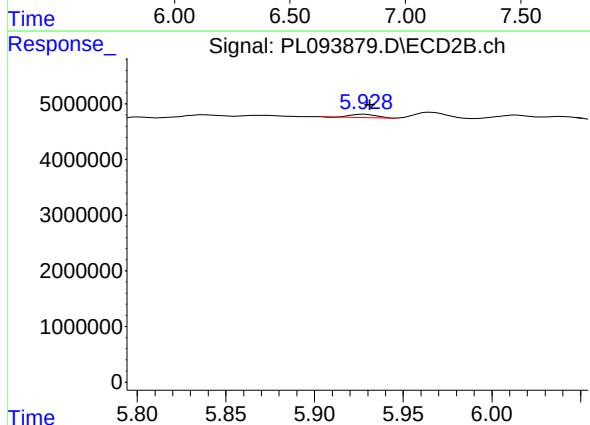
#15 Endosulfan II

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

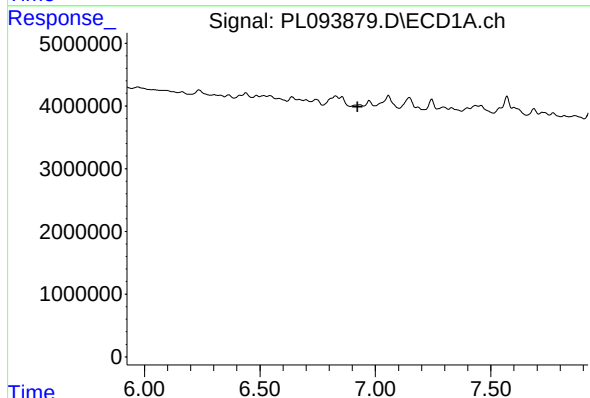
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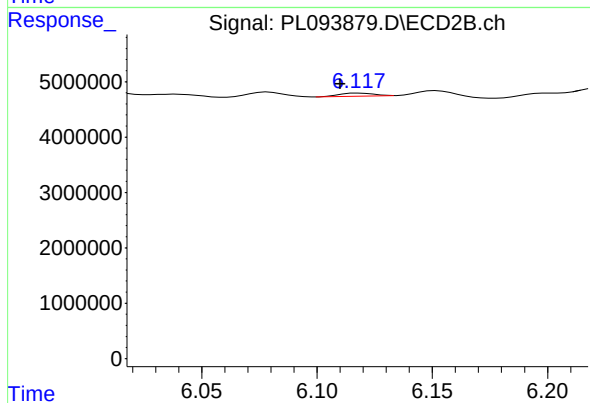
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 564190
Conc: 0.15 ng/ml



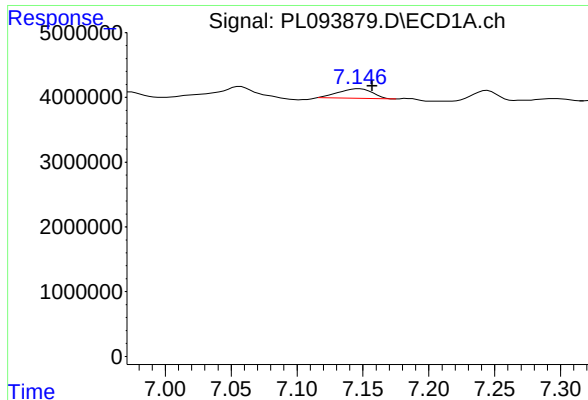
#18 Endrin aldehyde

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



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: 0.009 min
Response: 556478
Conc: 0.18 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: -0.010 min
Response: 2670143
Conc: 1.18 ng/ml

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

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#19 Endosulfan Sulfate

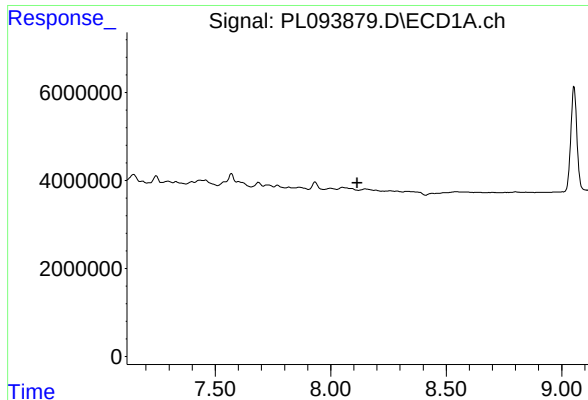
R.T.: 6.327 min
Delta R.T.: -0.006 min
Response: 149956
Conc: 0.04 ng/ml

#20 Methoxychlor

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

#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: -0.012 min
Response: 2219723
Conc: 1.24 ng/ml



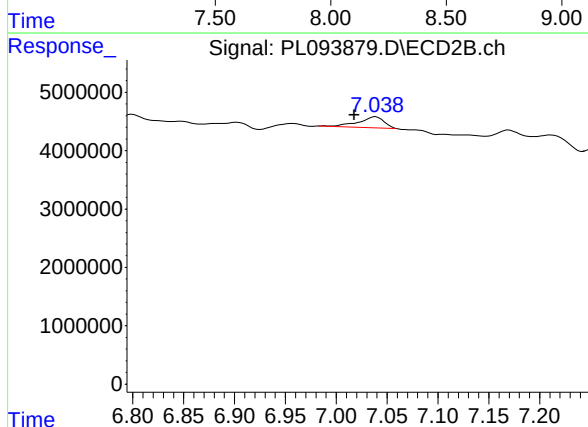
#22 Mirex

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

Instrument :
ECD_L
ClientSampleId :
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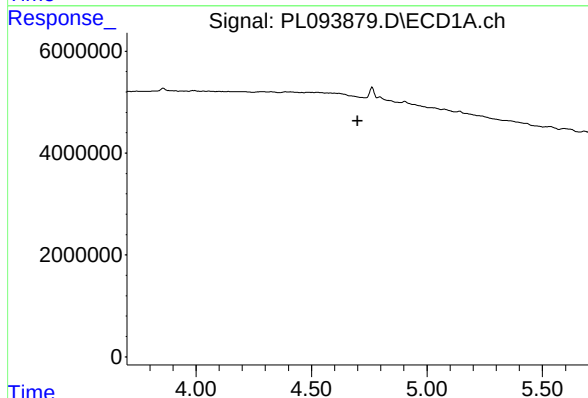
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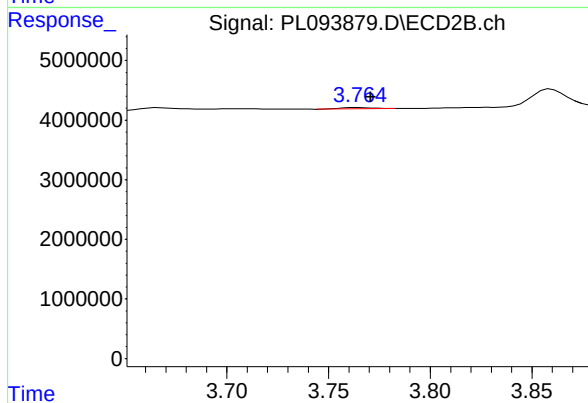
#22 Mirex

R.T.: 7.038 min
Delta R.T.: 0.021 min
Response: 3322661
Conc: 0.98 ng/ml



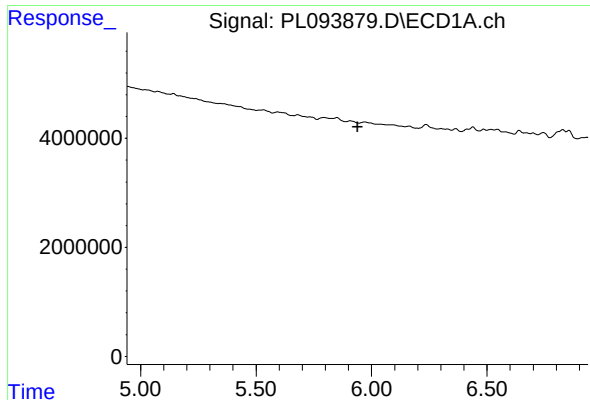
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.700 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.765 min
Delta R.T.: -0.005 min
Response: 243211
Conc: 1.95 ng/ml



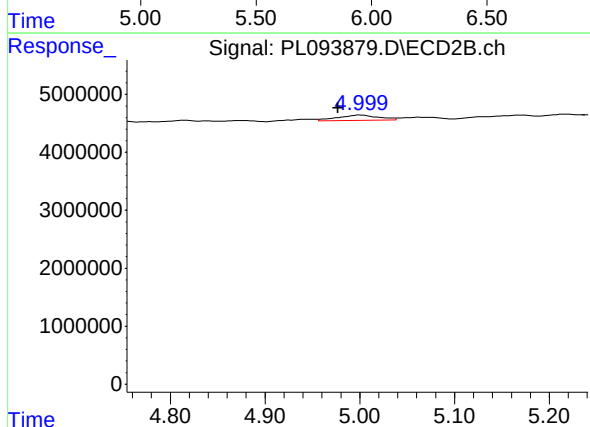
#25 Chlordane-3

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

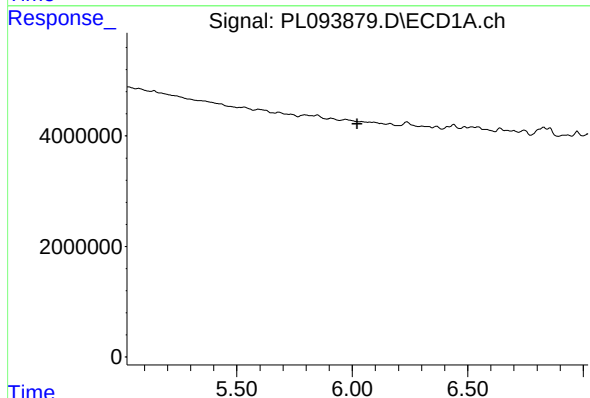
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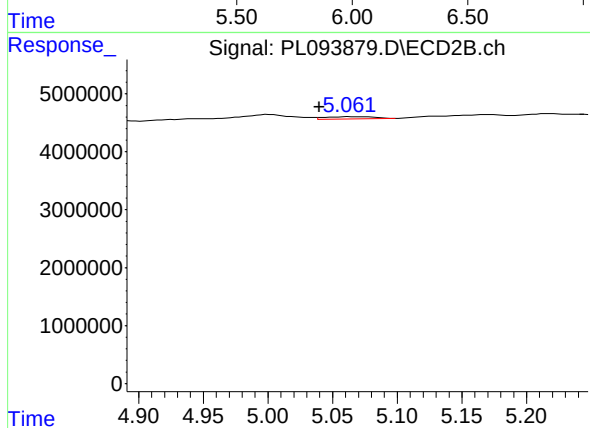
#25 Chlordane-3

R.T.: 5.001 min
Delta R.T.: 0.024 min
Response: 2778783
Conc: 6.39 ng/ml



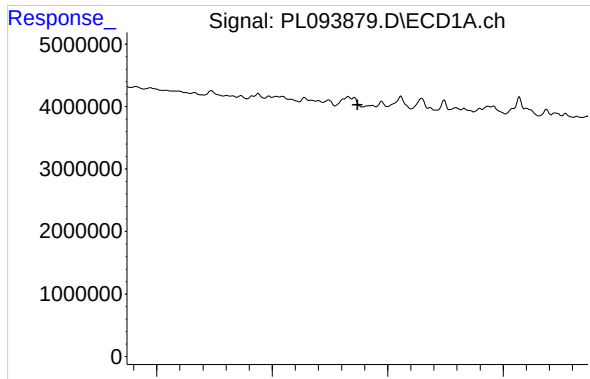
#26 Chlordane-4

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



#26 Chlordane-4

R.T.: 5.064 min
Delta R.T.: 0.024 min
Response: 1045770
Conc: 2.47 ng/ml



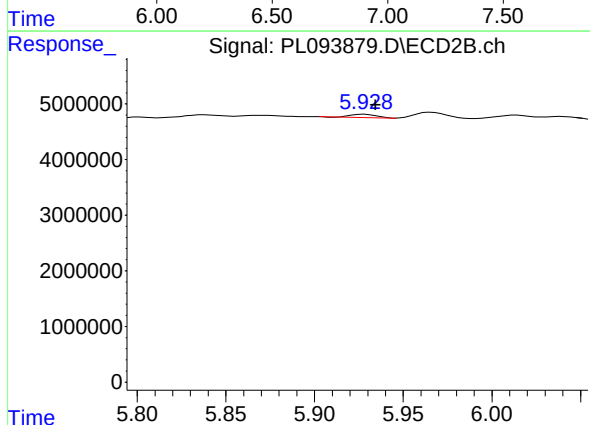
#27 Chlordane-5

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

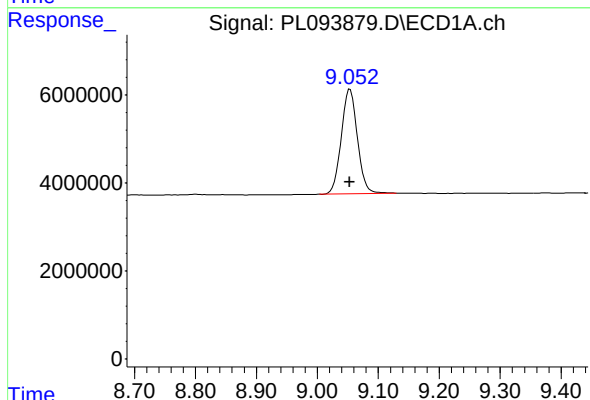
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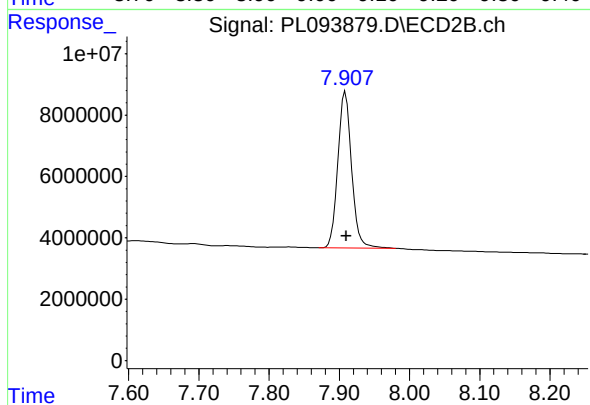
#27 Chlordane-5

R.T.: 5.928 min
Delta R.T.: -0.006 min
Response: 564190
Conc: 3.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 43867577
Conc: 20.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 69090122
Conc: 19.72 ng/ml