

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081123\  
 Data File : PL084686.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Aug 2023 16:43  
 Operator : AR\AJ  
 Sample : 03572-08  
 Misc : TOX LOQ 100PPB  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 11 23:14:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 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... | 3.488  | 2.687  | 39617576 | 19797359 | 17.051 | 18.206   |
| 28)                         | SA Decachlor... | 9.041  | 7.871  | 32934648 | 26159789 | 20.241 | 20.982   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.188  | 0        | 94007    | N.D.   | 0.061 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.518  | 0        | 90138    | N.D.   | 0.059 #  |
| 4)                          | MA Heptachlor   | 4.856  | 0.000  | 2785423  | 0        | 0.828  | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 4.156  | 0        | 16002    | N.D.   | 0.011 #  |
| 7)                          | B delta-BHC     | 4.731f | 4.037f | 5698724  | 1640     | 1.767  | 0.001 #  |
| 8)                          | B Heptachlo...  | 5.646  | 4.653  | 3428462  | 96085    | 1.138  | 0.072 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.995f | 0        | 149172   | N.D.   | 0.120 #  |
| 10)                         | B gamma-Chl...  | 5.870f | 4.931f | 302976   | 1051336  | 0.106  | 0.775 #  |
| 11)                         | B alpha-Chl...  | 5.959  | 4.995f | 352826   | 149172   | 0.125  | 0.109    |
| 12)                         | B 4,4'-DDE      | 6.127f | 5.176  | 264178   | 45295    | 0.115  | 0.037 #  |
| 13)                         | MA Dieldrin     | 6.297  | 5.284  | 289546   | 35823    | 0.110  | 0.026 #  |
| 14)                         | MA Endrin       | 6.511  | 5.587f | 498348   | 183553   | 0.228  | 0.150 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.861  | 0        | 591178   | N.D.   | 0.490 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.973  | 0        | 176379   | N.D.   | 0.152 #  |
| 18)                         | B Endrin al...  | 6.902f | 6.056  | -322707  | 605555   | N.D.   | 0.611    |
| 19)                         | B Endosulfa...  | 7.115  | 6.263  | 5220176  | 198277   | 2.613  | 0.167 #  |
| 21)                         | B Endrin ke...  | 7.586  | 6.787f | 2184251  | -1500459 | 1.092  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.700  | 0        | 28251    | N.D.   | 0.737 #  |
| 25)                         | Chlordane-3     | 5.870f | 4.931f | 302976   | 1051336  | 0.751  | 7.589 #  |
| 26)                         | Chlordane-4     | 5.959  | 4.995f | 352826   | 149172   | 0.728  | 1.039 #  |
| 27)                         | Chlordane-5     | 6.822  | 5.861  | 1535113  | 591178   | 20.621 | 11.607 # |
| -----                       |                 |        |        |          |          |        |          |

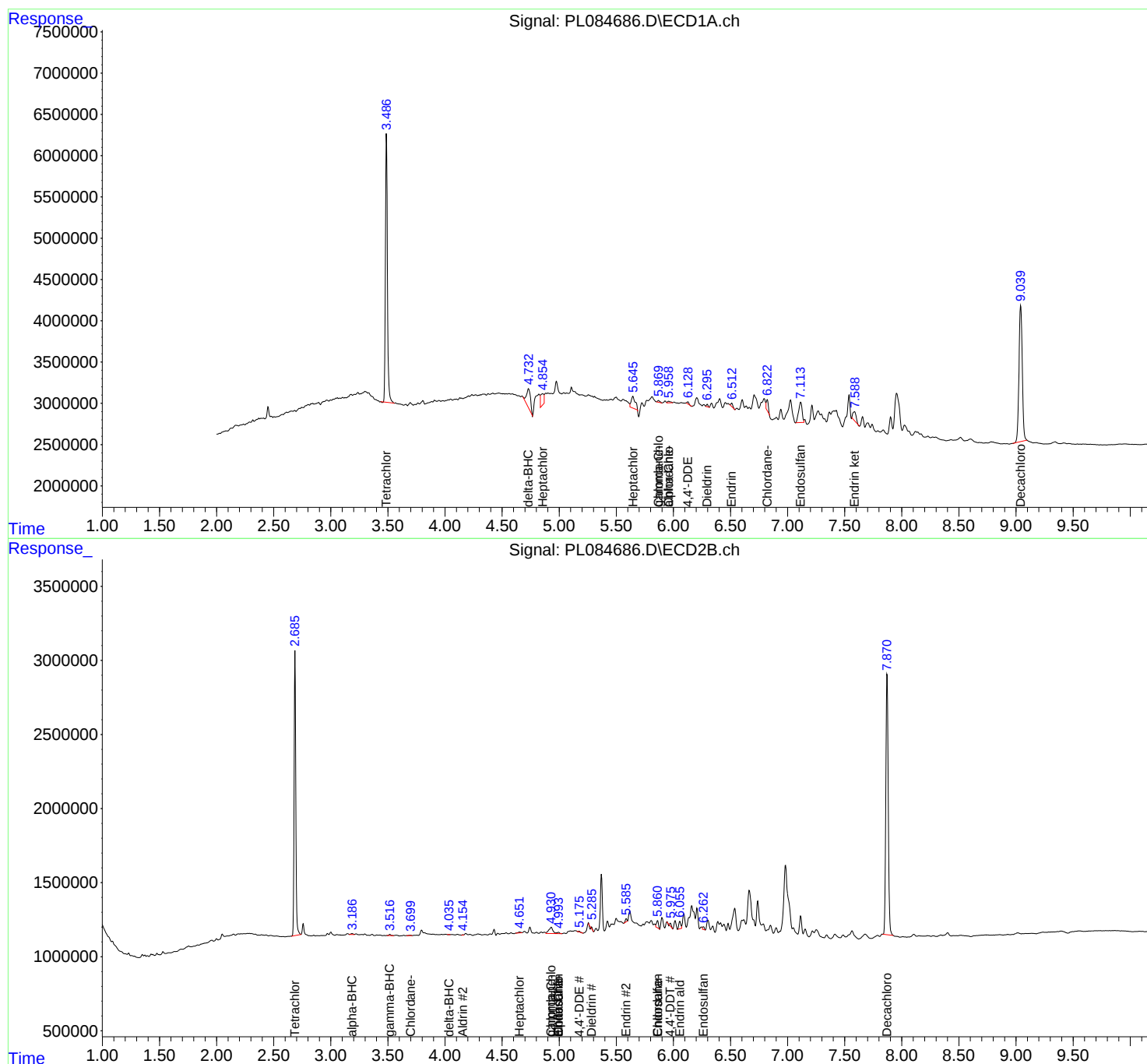
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

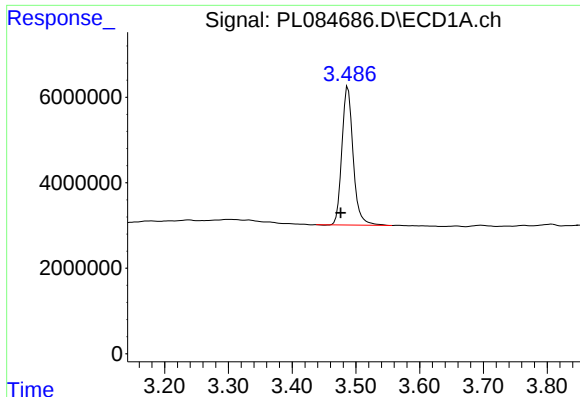
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081123\  
Data File : PL084686.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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Instrument :  
ECD\_L  
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LOQ-WATER-02-QT3-2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 11 23:14:47 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 16:21:43 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

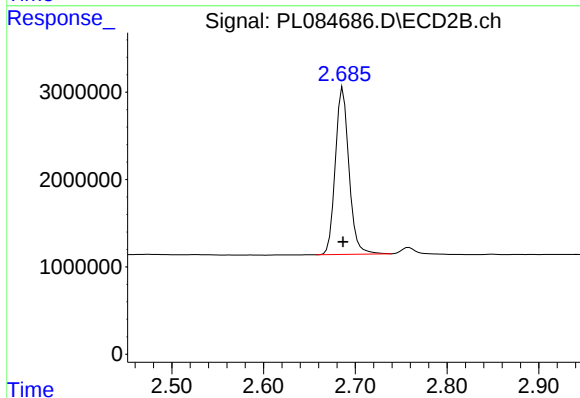




#1 Tetrachloro-m-xylene

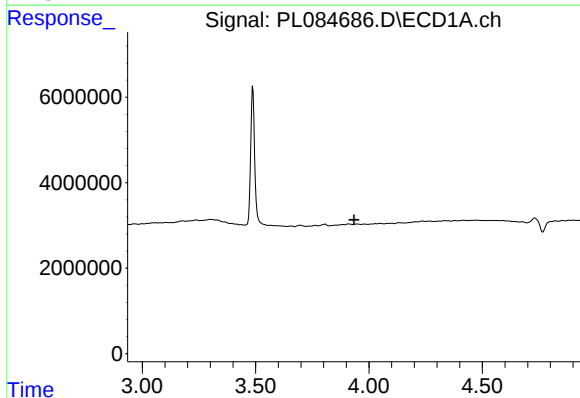
R.T.: 3.488 min  
Delta R.T.: 0.012 min  
Response: 39617576  
Conc: 17.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



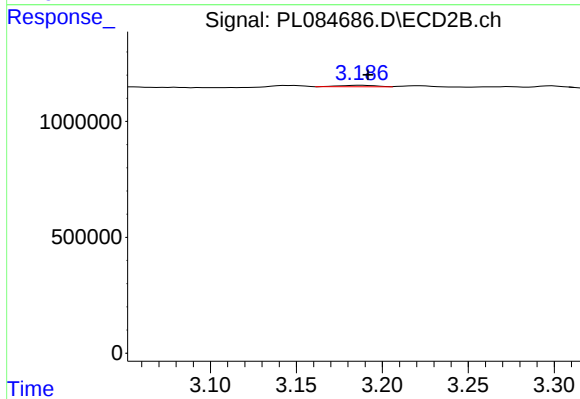
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 19797359  
Conc: 18.21 ng/ml



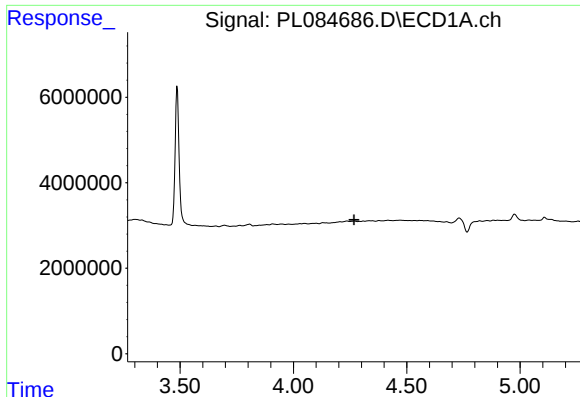
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.934 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

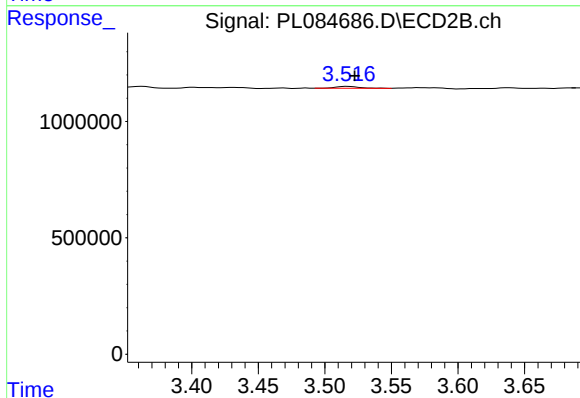
R.T.: 3.188 min  
Delta R.T.: -0.004 min  
Response: 94007  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

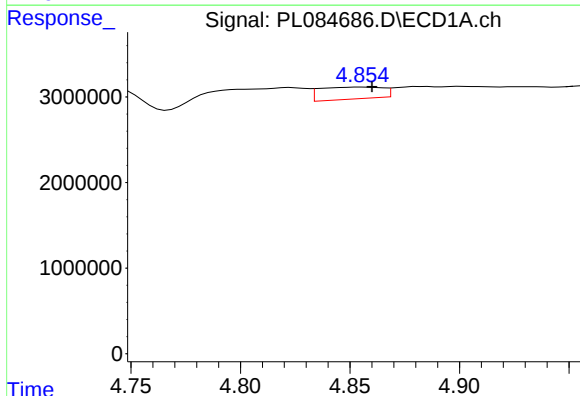
R.T.: 0.000 min  
Exp R.T.: 4.268 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



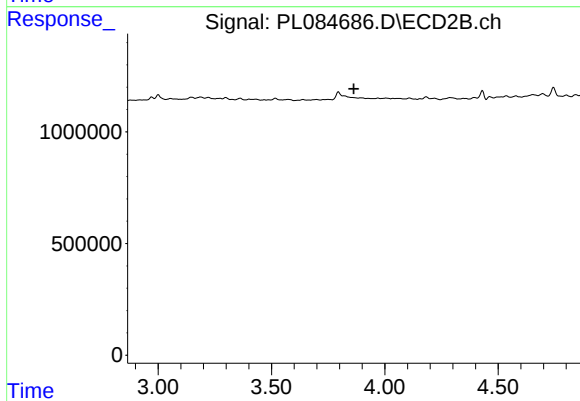
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.005 min  
Response: 90138  
Conc: 0.06 ng/ml



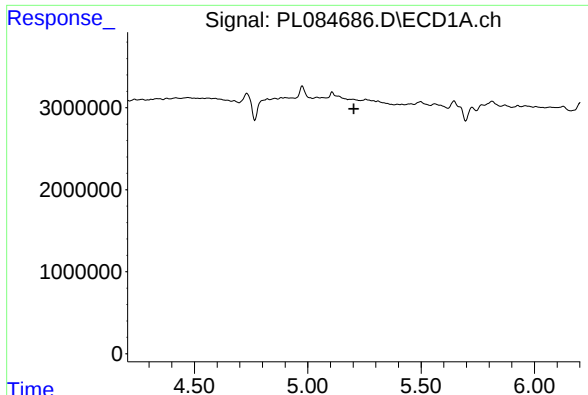
#4 Heptachlor

R.T.: 4.856 min  
Delta R.T.: -0.004 min  
Response: 2785423  
Conc: 0.83 ng/ml



#4 Heptachlor

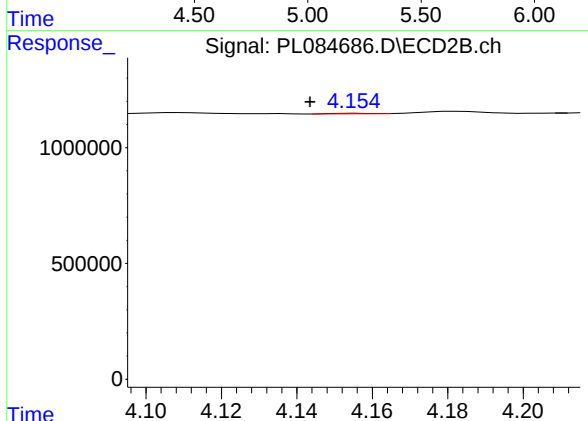
R.T.: 0.000 min  
Exp R.T.: 3.863 min  
Response: 0  
Conc: N.D.



#5 Aldrin

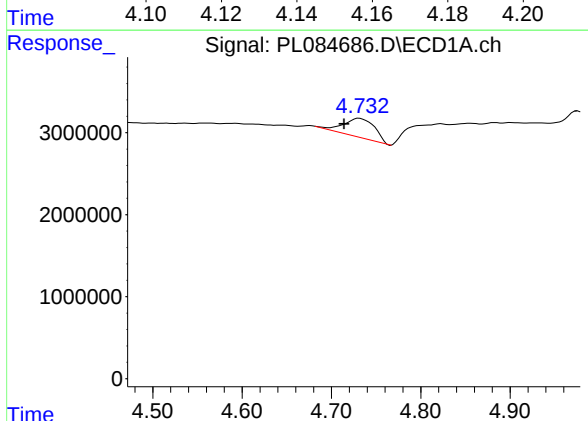
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



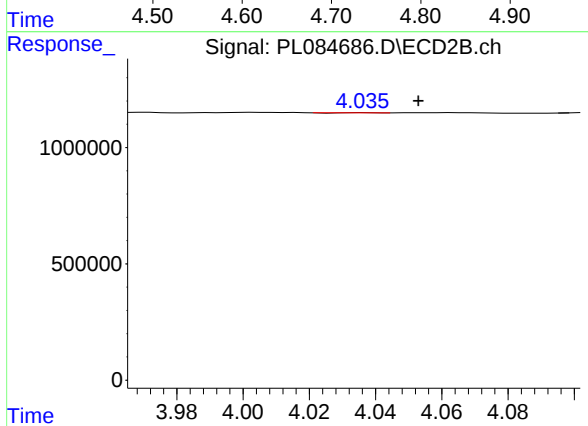
#5 Aldrin

R.T.: 4.156 min  
Delta R.T.: 0.012 min  
Response: 16002  
Conc: 0.01 ng/ml



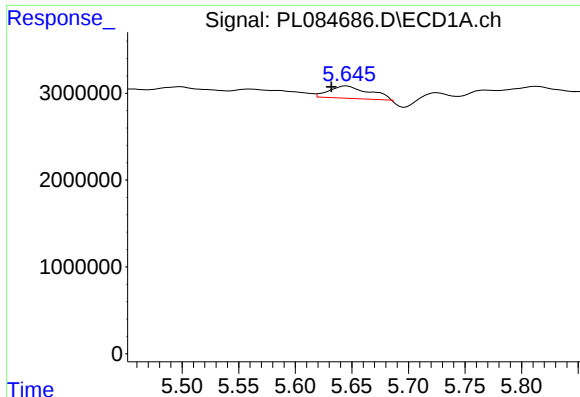
#7 delta-BHC

R.T.: 4.731 min  
Delta R.T.: 0.017 min  
Response: 5698724  
Conc: 1.77 ng/ml



#7 delta-BHC

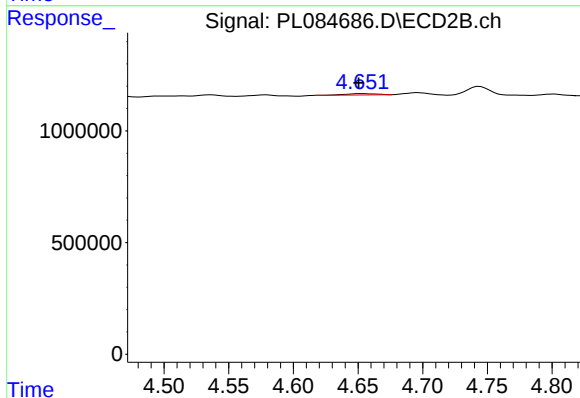
R.T.: 4.037 min  
Delta R.T.: -0.016 min  
Response: 1640  
Conc: 0.00 ng/ml



#8 Heptachlor epoxide

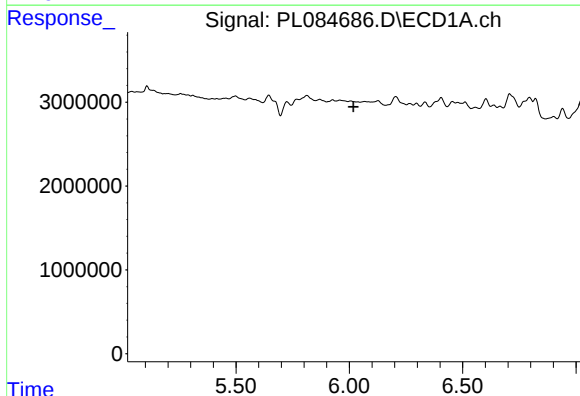
R.T.: 5.646 min  
Delta R.T.: 0.013 min  
Response: 3428462  
Conc: 1.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



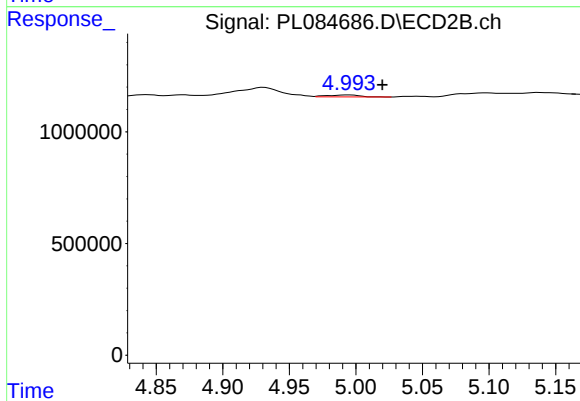
#8 Heptachlor epoxide

R.T.: 4.653 min  
Delta R.T.: 0.002 min  
Response: 96085  
Conc: 0.07 ng/ml



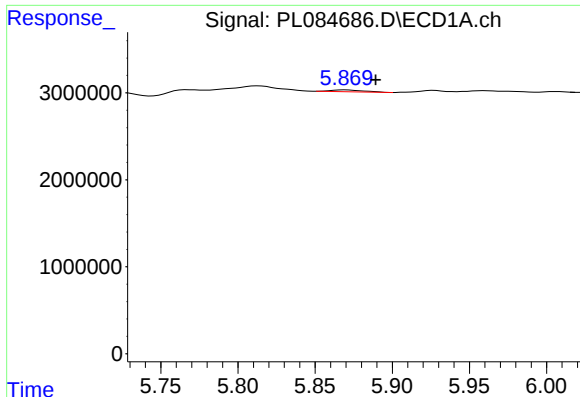
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.018 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

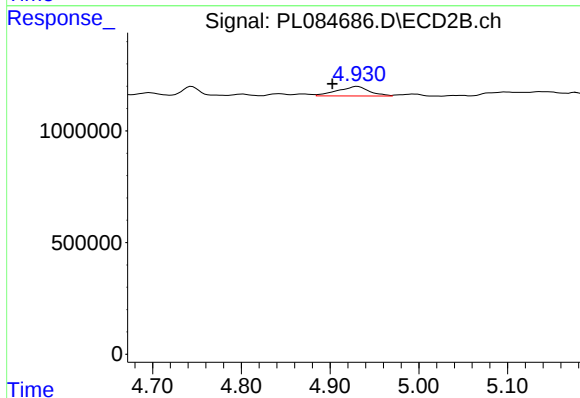
R.T.: 4.995 min  
Delta R.T.: -0.025 min  
Response: 149172  
Conc: 0.12 ng/ml



#10 gamma-Chlordane

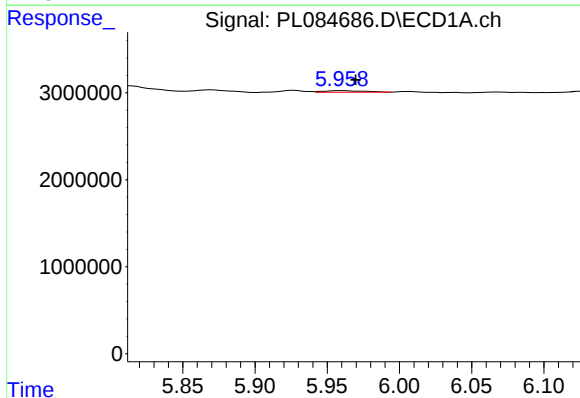
R.T.: 5.870 min  
Delta R.T.: -0.019 min  
Response: 302976  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



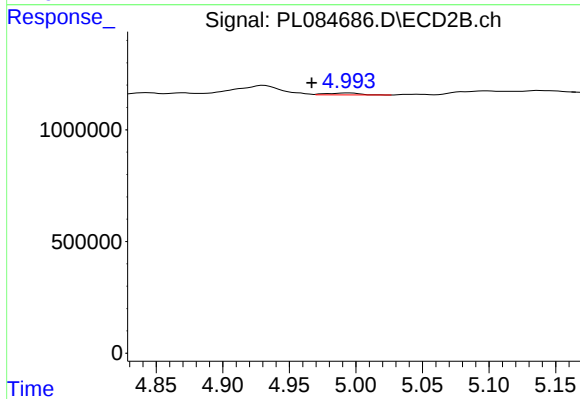
#10 gamma-Chlordane

R.T.: 4.931 min  
Delta R.T.: 0.028 min  
Response: 1051336  
Conc: 0.78 ng/ml



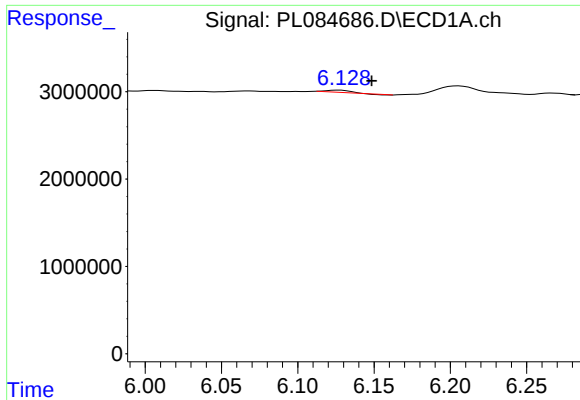
#11 alpha-Chlordane

R.T.: 5.959 min  
Delta R.T.: -0.010 min  
Response: 352826  
Conc: 0.12 ng/ml



#11 alpha-Chlordane

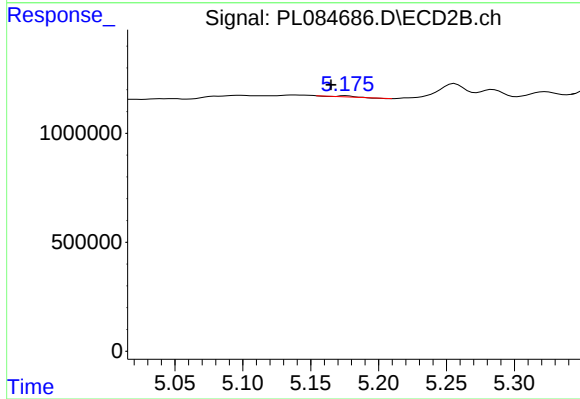
R.T.: 4.995 min  
Delta R.T.: 0.028 min  
Response: 149172  
Conc: 0.11 ng/ml



#12 4,4'-DDE

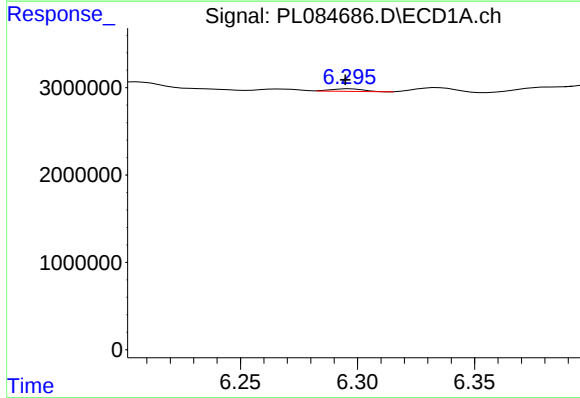
R.T.: 6.127 min  
Delta R.T.: -0.021 min  
Response: 264178  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



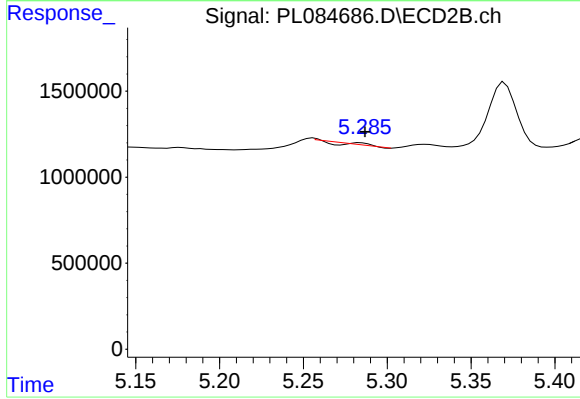
#12 4,4'-DDE

R.T.: 5.176 min  
Delta R.T.: 0.011 min  
Response: 45295  
Conc: 0.04 ng/ml



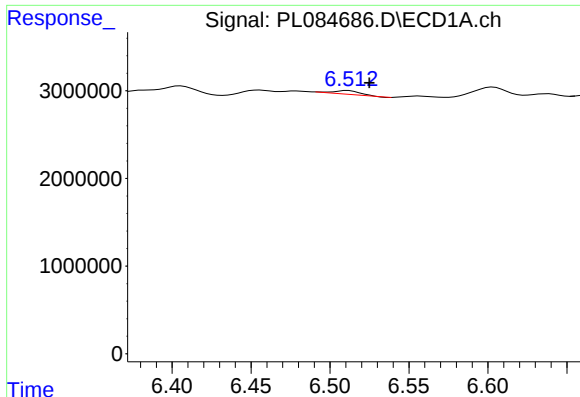
#13 Dieldrin

R.T.: 6.297 min  
Delta R.T.: 0.002 min  
Response: 289546  
Conc: 0.11 ng/ml



#13 Dieldrin

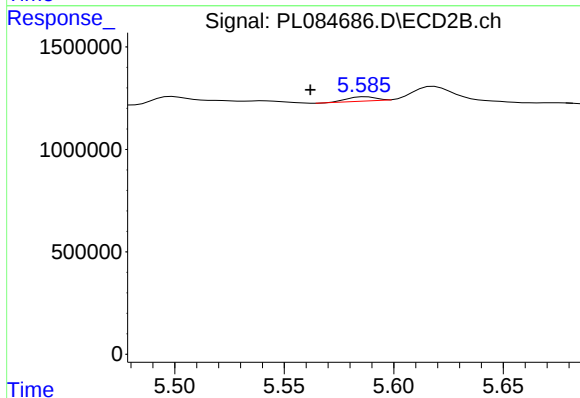
R.T.: 5.284 min  
Delta R.T.: -0.003 min  
Response: 35823  
Conc: 0.03 ng/ml



#14 Endrin

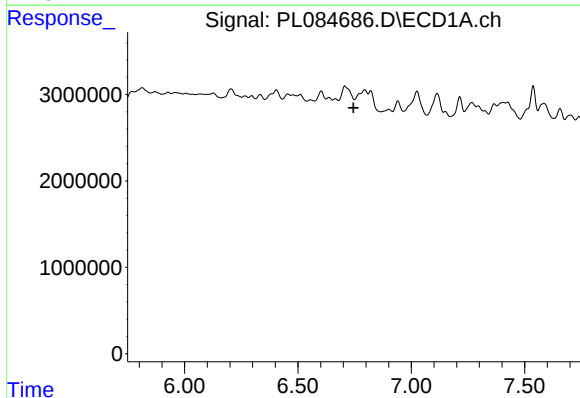
R.T.: 6.511 min  
Delta R.T.: -0.014 min  
Response: 498348  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



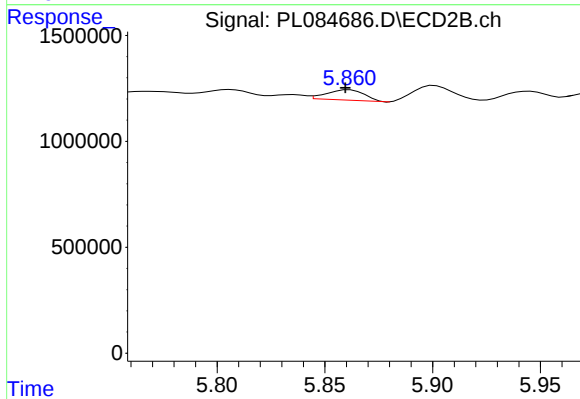
#14 Endrin

R.T.: 5.587 min  
Delta R.T.: 0.025 min  
Response: 183553  
Conc: 0.15 ng/ml



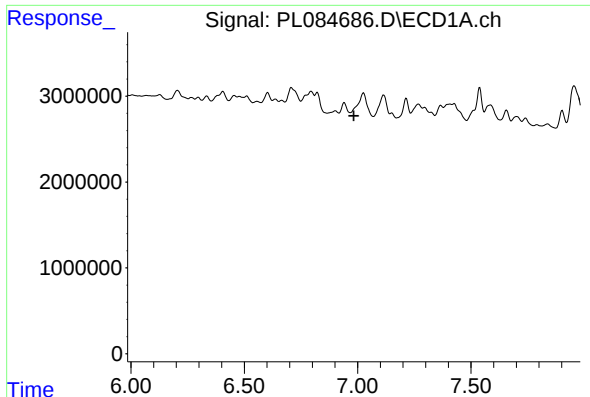
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.745 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

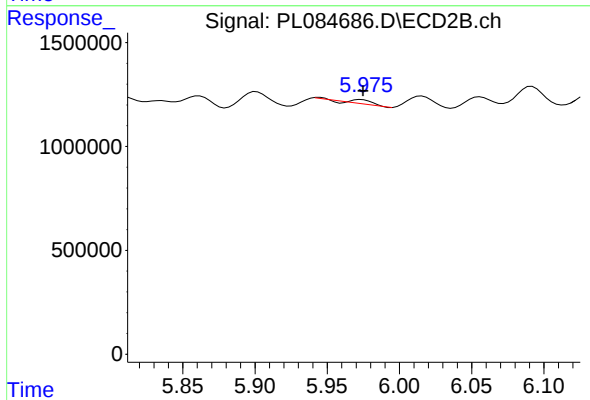
R.T.: 5.861 min  
Delta R.T.: 0.002 min  
Response: 591178  
Conc: 0.49 ng/ml



#17 4,4'-DDT

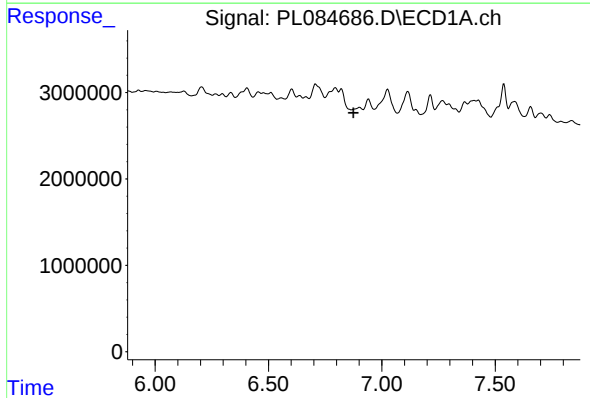
R.T.: 0.000 min  
Exp R.T.: 6.983 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



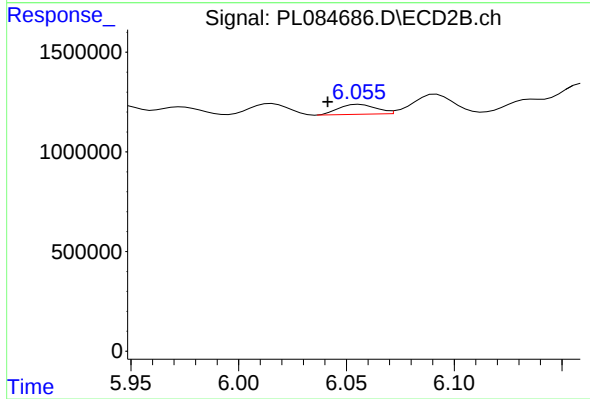
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: -0.001 min  
Response: 176379  
Conc: 0.15 ng/ml



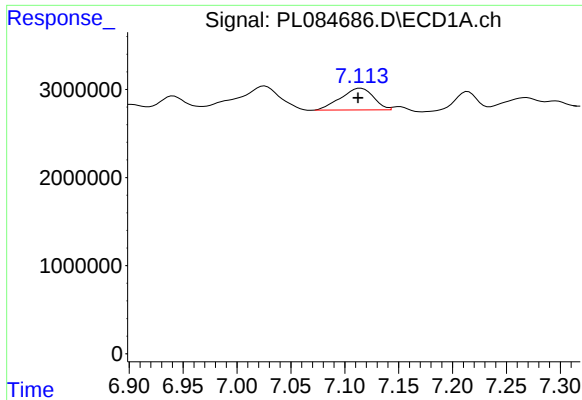
#18 Endrin aldehyde

R.T.: 6.902 min  
Delta R.T.: 0.026 min  
Response: -322707  
Conc: N.D.



#18 Endrin aldehyde

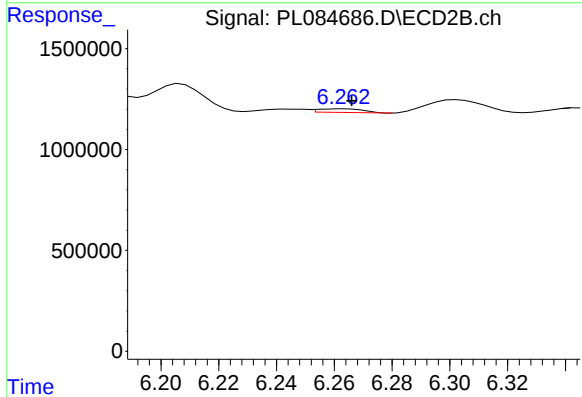
R.T.: 6.056 min  
Delta R.T.: 0.015 min  
Response: 605555  
Conc: 0.61 ng/ml



#19 Endosulfan Sulfate

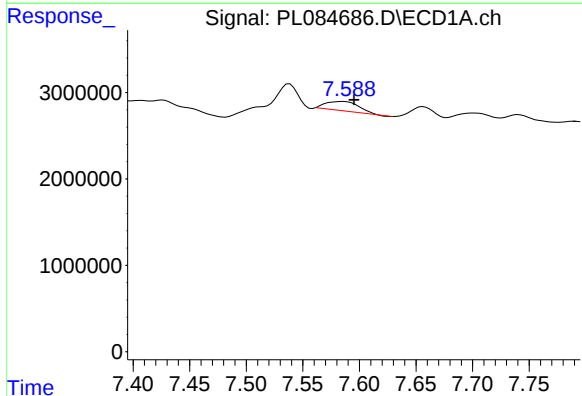
R.T.: 7.115 min  
Delta R.T.: 0.002 min  
Response: 5220176  
Conc: 2.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



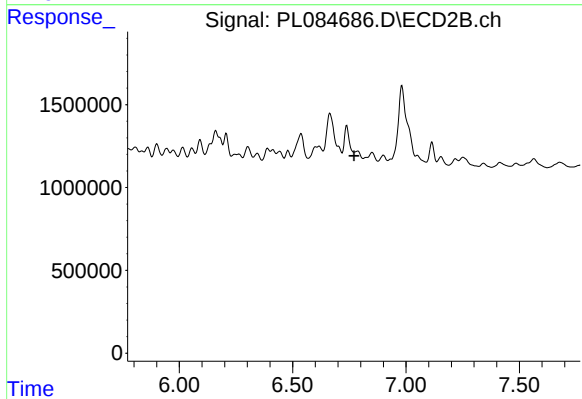
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.003 min  
Response: 198277  
Conc: 0.17 ng/ml



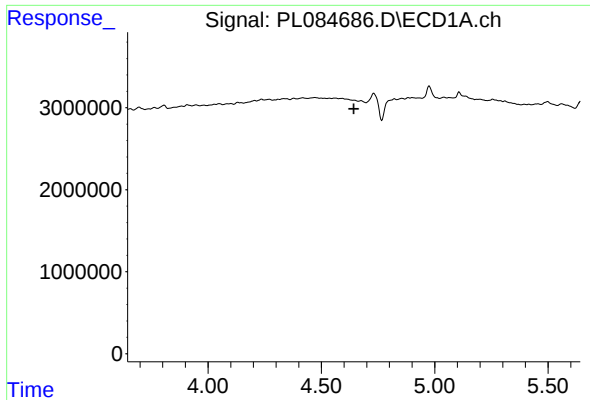
#21 Endrin ketone

R.T.: 7.586 min  
Delta R.T.: -0.010 min  
Response: 2184251  
Conc: 1.09 ng/ml



#21 Endrin ketone

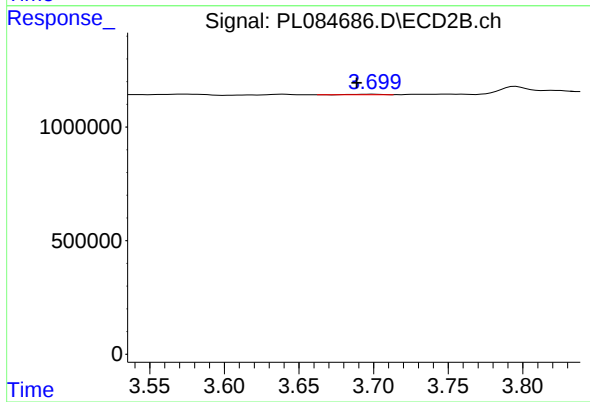
R.T.: 6.787 min  
Delta R.T.: 0.017 min  
Response: -1500459  
Conc: N.D.



#23 Chlordane-1

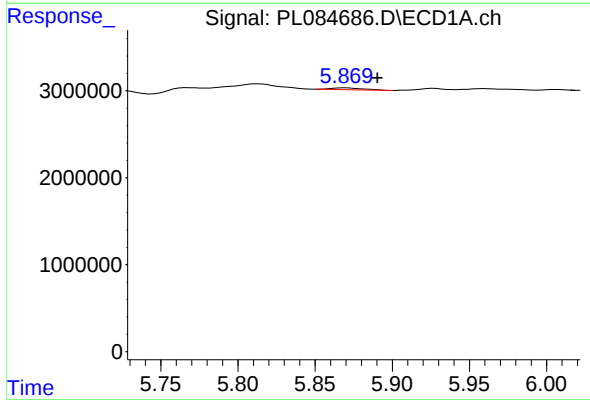
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



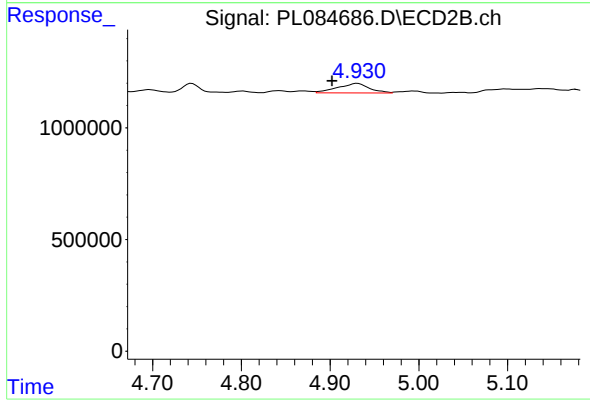
#23 Chlordane-1

R.T.: 3.700 min  
Delta R.T.: 0.012 min  
Response: 28251  
Conc: 0.74 ng/ml



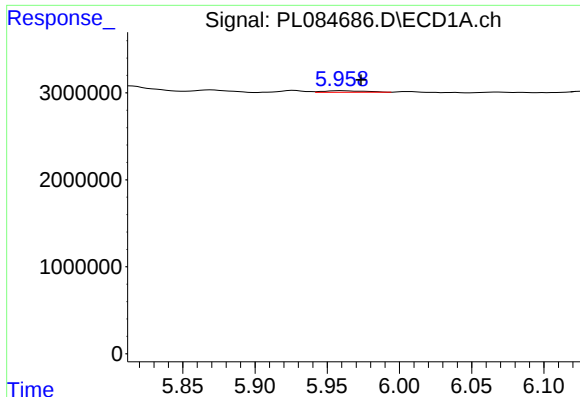
#25 Chlordane-3

R.T.: 5.870 min  
Delta R.T.: -0.020 min  
Response: 302976  
Conc: 0.75 ng/ml



#25 Chlordane-3

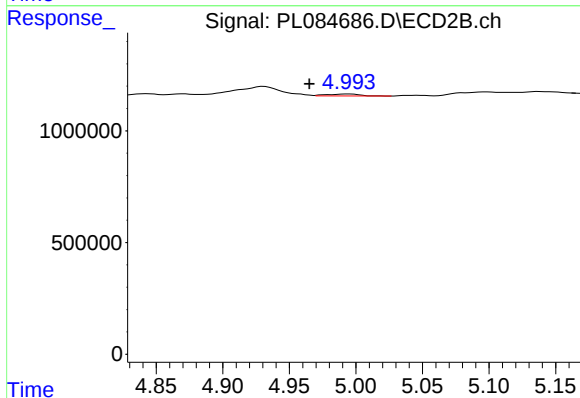
R.T.: 4.931 min  
Delta R.T.: 0.029 min  
Response: 1051336  
Conc: 7.59 ng/ml



#26 Chlordane-4

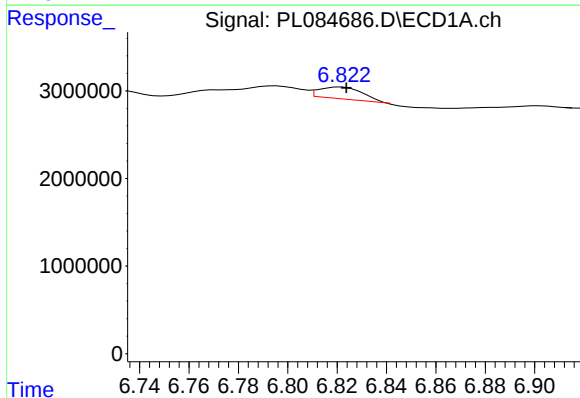
R.T.: 5.959 min  
Delta R.T.: -0.014 min  
Response: 352826  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



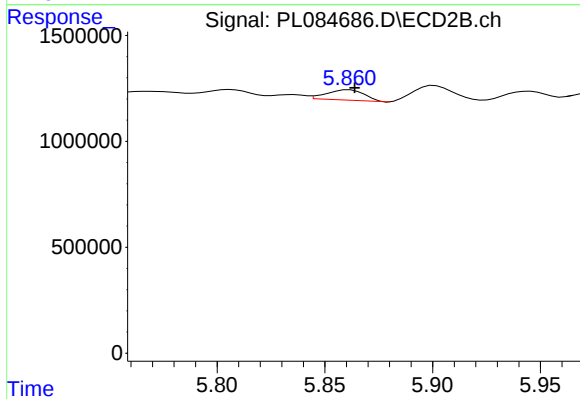
#26 Chlordane-4

R.T.: 4.995 min  
Delta R.T.: 0.029 min  
Response: 149172  
Conc: 1.04 ng/ml



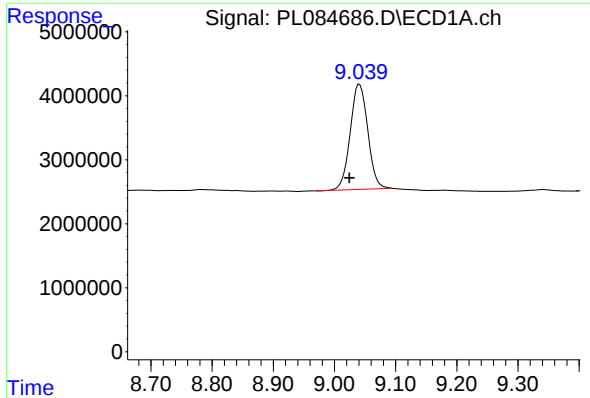
#27 Chlordane-5

R.T.: 6.822 min  
Delta R.T.: -0.002 min  
Response: 1535113  
Conc: 20.62 ng/ml



#27 Chlordane-5

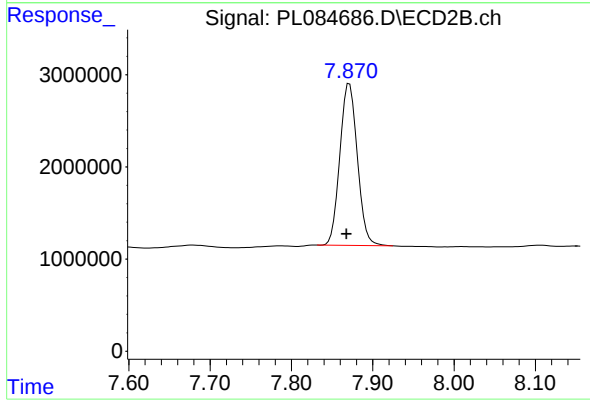
R.T.: 5.861 min  
Delta R.T.: -0.003 min  
Response: 591178  
Conc: 11.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.041 min  
Delta R.T.: 0.016 min  
Response: 32934648  
Conc: 20.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT3-2023



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: 0.004 min  
Response: 26159789  
Conc: 20.98 ng/ml