

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111224\  
 Data File : PL093010.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2024 15:28  
 Operator : AR\AJ  
 Sample : P4809-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MH-5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 00:43:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 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... | 3.541  | 2.778  | 36186187 | 42510440 | 14.768 | 15.622   |
| 28)                         | SA Decachlor... | 9.057  | 7.917  | 25690821 | 30946224 | 13.349 | 11.339   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.944f | 3.967f | -864981  | 4562370  | N.D.   | 1.209    |
| 5)                          | MB Aldrin       | 5.231f | 4.242  | 2879784  | 3768808  | 0.959  | 1.030    |
| 6)                          | B beta-BHC      | 4.549f | 3.918  | -2012149 | 5712748  | N.D.   | 3.470    |
| 7)                          | B delta-BHC     | 4.773  | 4.148  | 2722557  | 3421793  | 0.870  | 0.890    |
| 8)                          | B Heptachlo...  | 5.680  | 4.731  | 8937886  | 1095658  | 3.237  | 0.328 #  |
| 10)                         | B gamma-Chl...  | 5.941  | 4.987  | 12843132 | 28869833 | 4.827  | 8.588 #  |
| 11)                         | B alpha-Chl...  | 6.023  | 5.042  | 14493894 | 15829283 | 5.473  | 4.759    |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.234  | 22086204 | 25499389 | 9.322  | 7.915    |
| 13)                         | MA Dieldrin     | 6.345  | 5.368  | -565420  | 15683033 | N.D.   | 4.695    |
| 14)                         | MA Endrin       | 6.575  | 5.649  | 7562788  | -2980350 | 3.322  | N.D. #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.924  | 0        | 1810963  | N.D.   | 0.639 #  |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.789  | 35592835 | 25079493 | 18.543 | 10.072 # |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.036  | 7762855  | 22439647 | 3.751  | 8.366 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.133f | 0        | 3123210  | N.D.   | 1.354 #  |
| 19)                         | B Endosulfa...  | 7.140f | 6.334  | 2421564  | 4377594  | 1.116  | 1.623 #  |
| 21)                         | B Endrin ke...  | 7.619f | 6.872f | 8869691  | 4684468  | 3.661  | 1.526 #  |
| 22)                         | Mirex           | 0.000  | 7.024  | 0        | 313959   | N.D.   | 0.120 #  |
| 23)                         | Chlordane-1     | 4.702  | 3.775  | 2335841  | 2126814  | 21.237 | 20.035   |
| 24)                         | Chlordane-2     | 5.231  | 4.351  | 2879784  | 690782   | 25.126 | 5.577 #  |
| 25)                         | Chlordane-3     | 5.941  | 4.987  | 12843132 | 28869833 | 32.905 | 79.601 # |
| 26)                         | Chlordane-4     | 6.023  | 5.042  | 14493894 | 15829283 | 30.322 | 45.251 # |
| 27)                         | Chlordane-5     | 6.844f | 5.924  | 6308814  | 1810963  | 66.647 | 14.281 # |
| -----                       |                 |        |        |          |          |        |          |

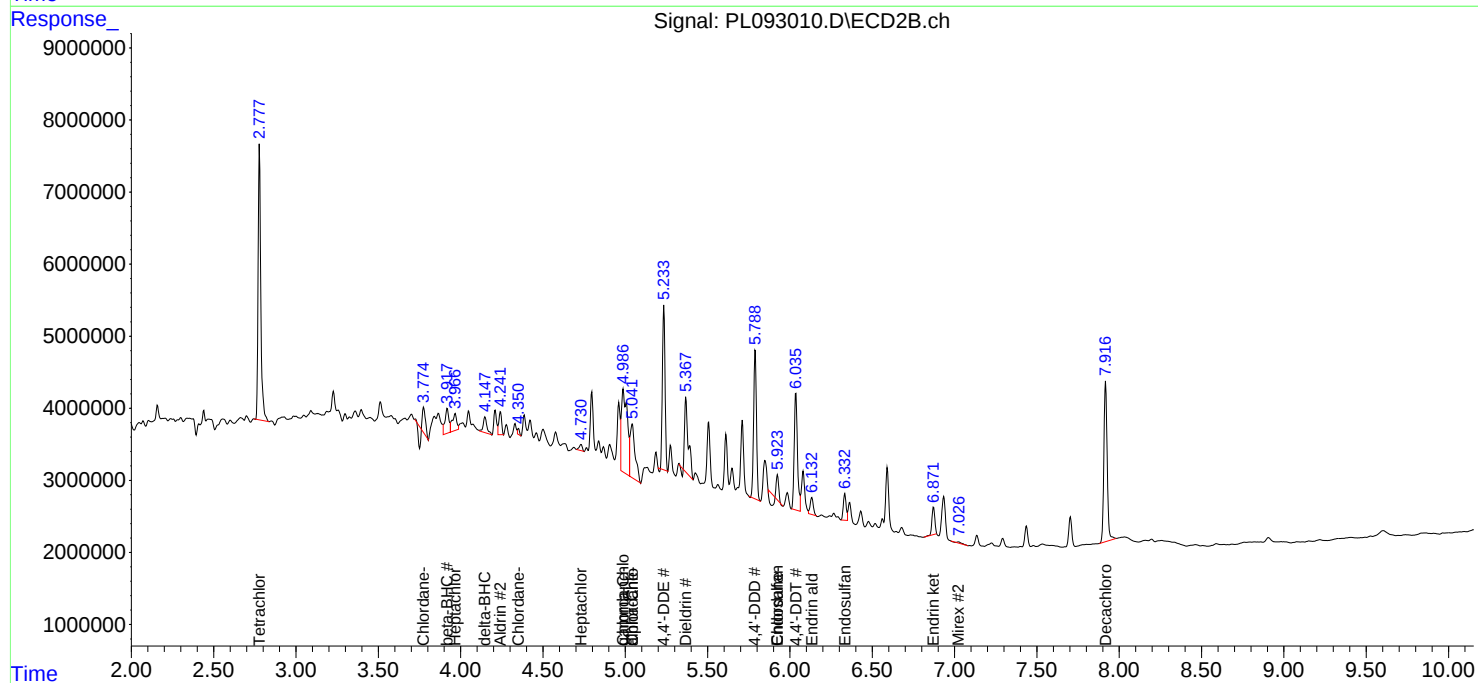
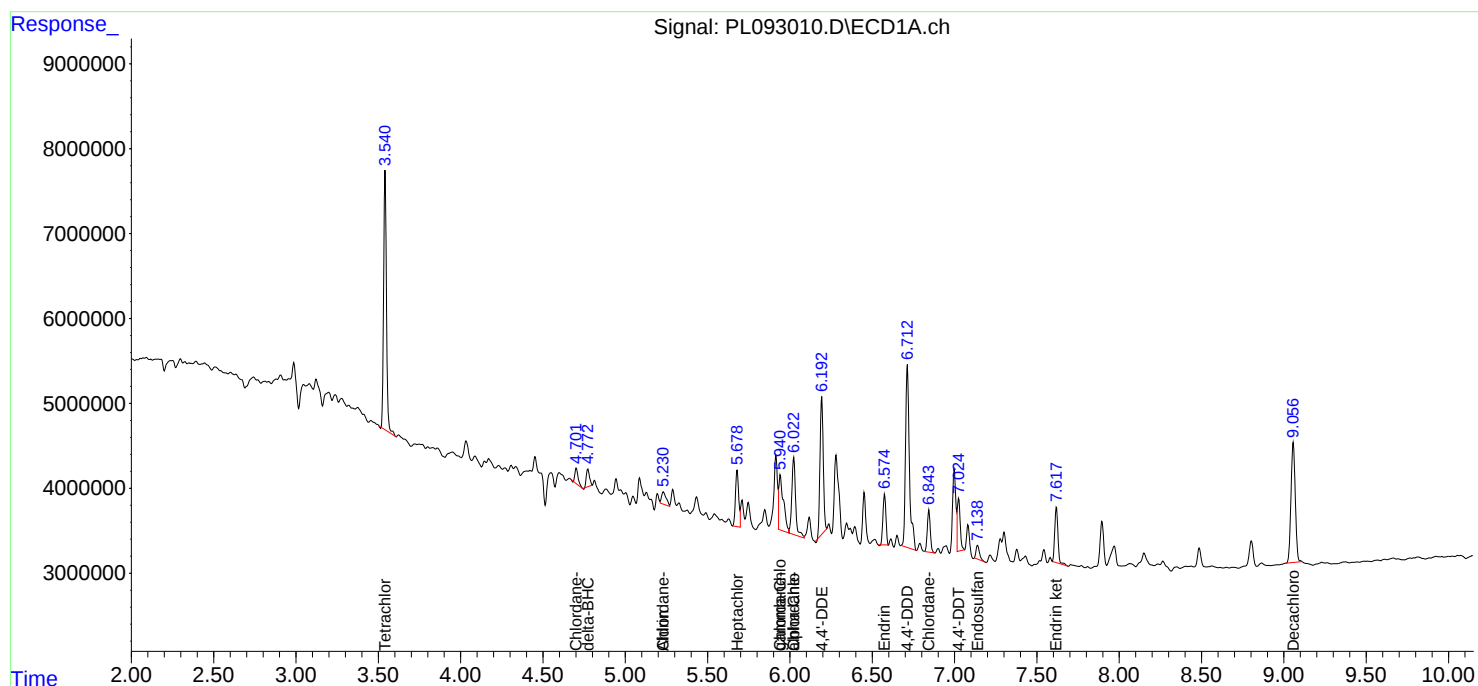
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

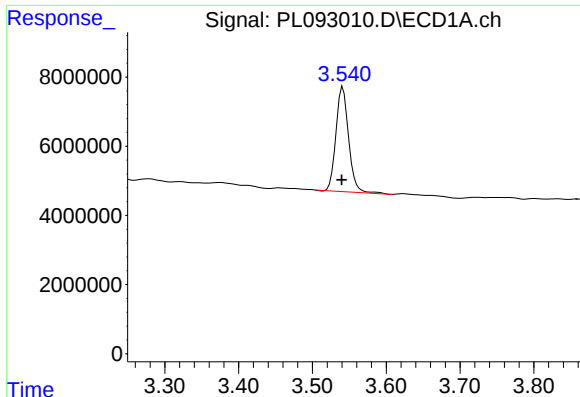
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111224\  
Data File : PL093010.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2024 15:28  
Operator : AR\AJ  
Sample : P4809-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 00:43:23 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
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

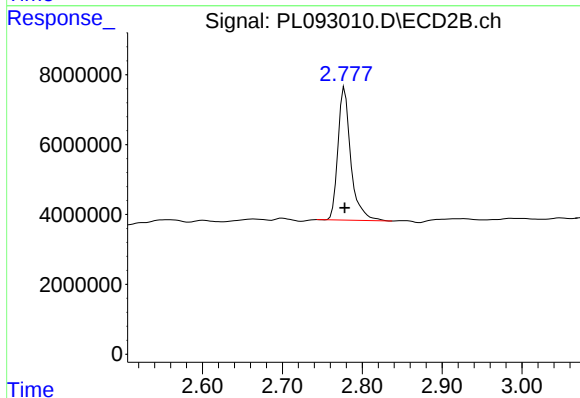




#1 Tetrachloro-m-xylene

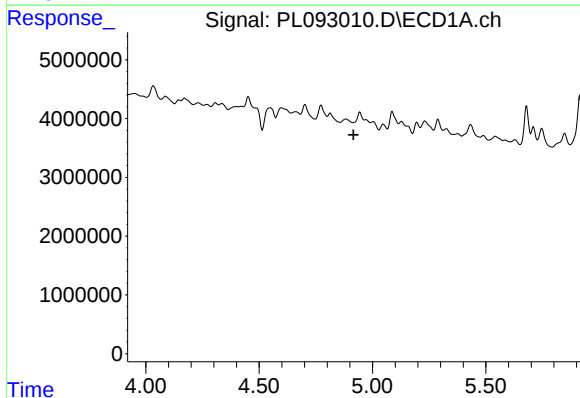
R.T.: 3.541 min  
Delta R.T.: 0.001 min  
Response: 36186187  
Conc: 14.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



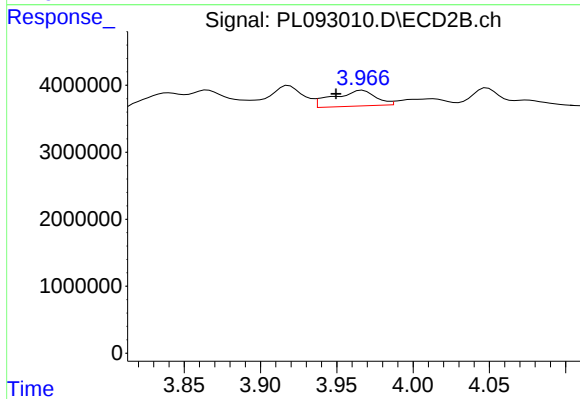
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 42510440  
Conc: 15.62 ng/ml



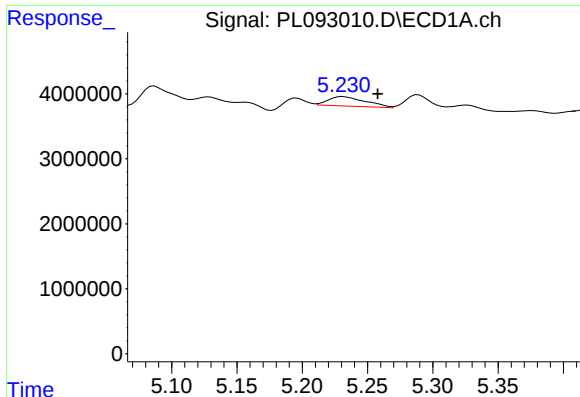
#4 Heptachlor

R.T.: 4.944 min  
Delta R.T.: 0.028 min  
Response: -864981  
Conc: N.D.



#4 Heptachlor

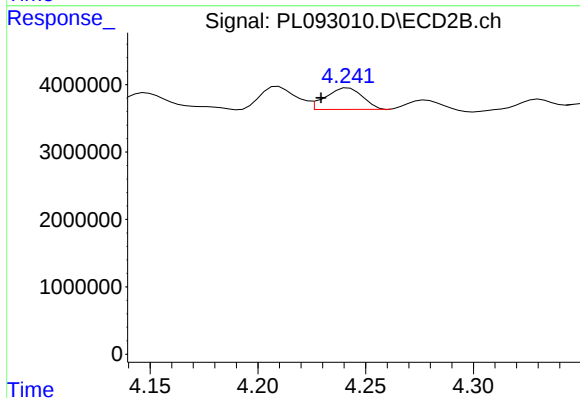
R.T.: 3.967 min  
Delta R.T.: 0.017 min  
Response: 4562370  
Conc: 1.21 ng/ml



#5 Aldrin

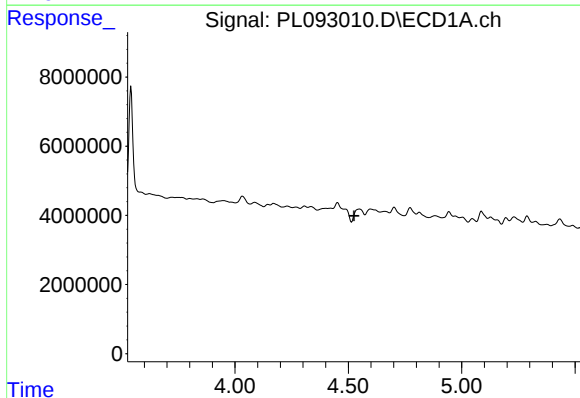
R.T.: 5.231 min  
Delta R.T.: -0.027 min  
Response: 2879784  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



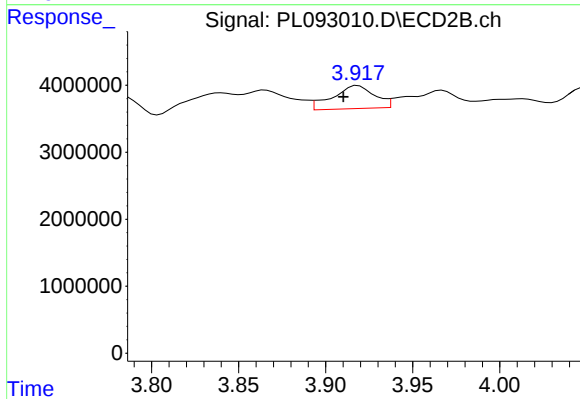
#5 Aldrin

R.T.: 4.242 min  
Delta R.T.: 0.013 min  
Response: 3768808  
Conc: 1.03 ng/ml



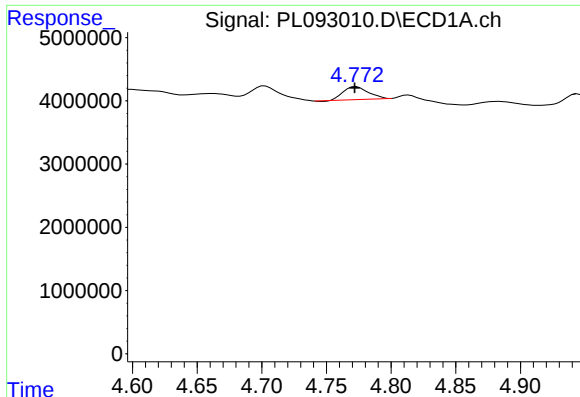
#6 beta-BHC

R.T.: 4.549 min  
Delta R.T.: 0.024 min  
Response: -2012149  
Conc: N.D.



#6 beta-BHC

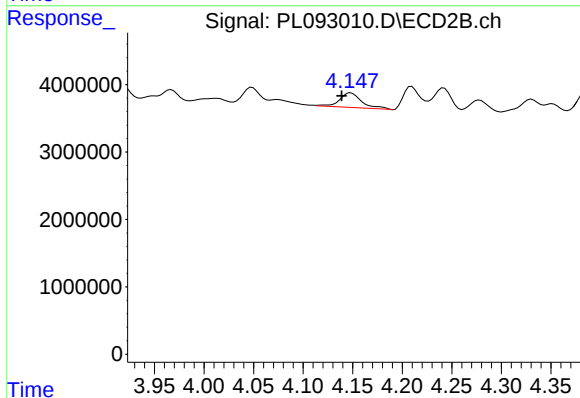
R.T.: 3.918 min  
Delta R.T.: 0.008 min  
Response: 5712748  
Conc: 3.47 ng/ml



#7 delta-BHC

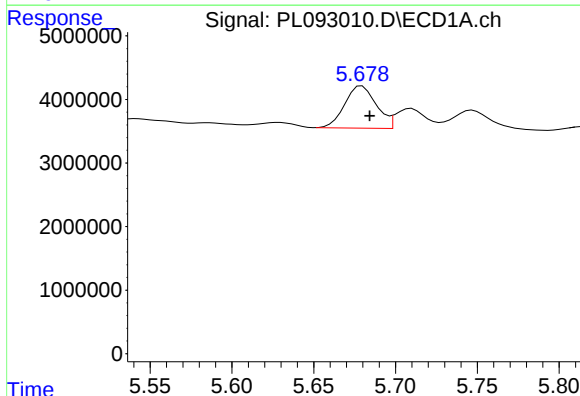
R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 2722557  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



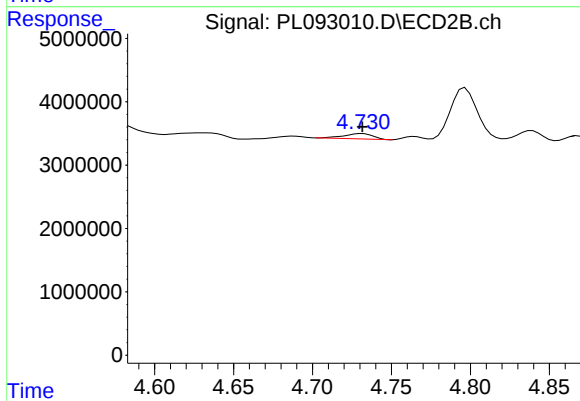
#7 delta-BHC

R.T.: 4.148 min  
Delta R.T.: 0.009 min  
Response: 3421793  
Conc: 0.89 ng/ml



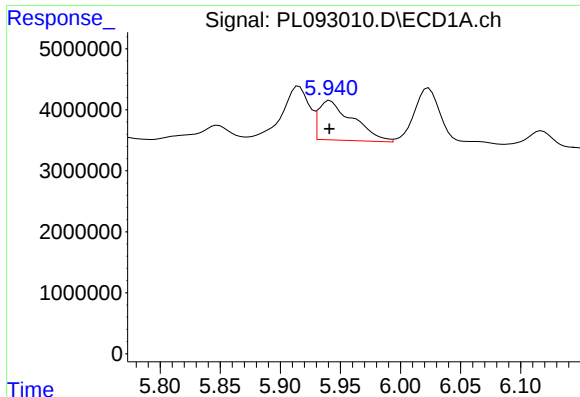
#8 Heptachlor epoxide

R.T.: 5.680 min  
Delta R.T.: -0.005 min  
Response: 8937886  
Conc: 3.24 ng/ml



#8 Heptachlor epoxide

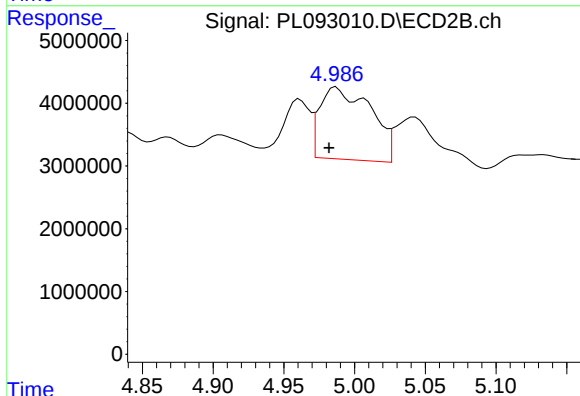
R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 1095658  
Conc: 0.33 ng/ml



#10 gamma-Chlordane

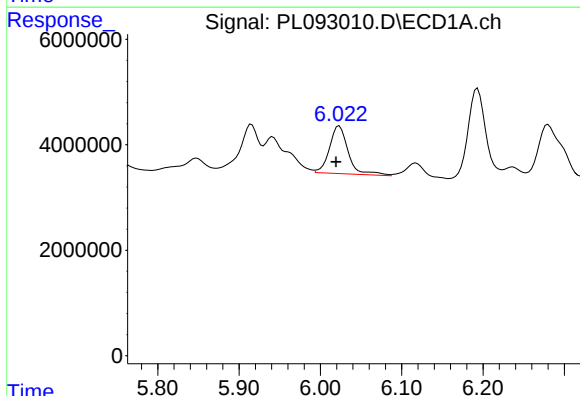
R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 12843132  
Conc: 4.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



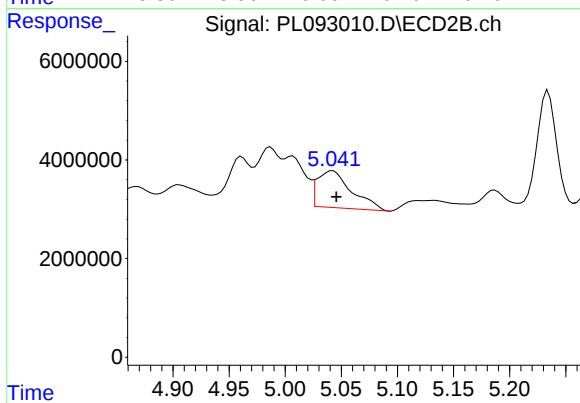
#10 gamma-Chlordane

R.T.: 4.987 min  
Delta R.T.: 0.005 min  
Response: 28869833  
Conc: 8.59 ng/ml



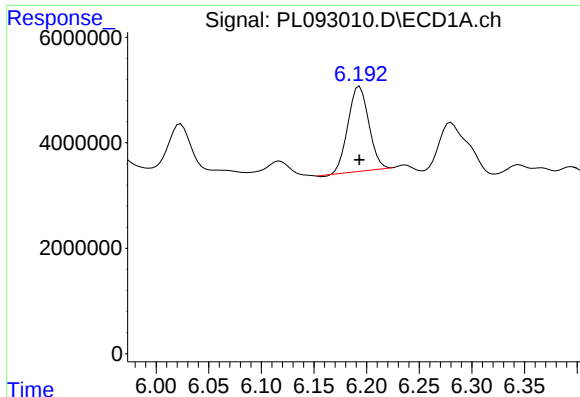
#11 alpha-Chlordane

R.T.: 6.023 min  
Delta R.T.: 0.004 min  
Response: 14493894  
Conc: 5.47 ng/ml



#11 alpha-Chlordane

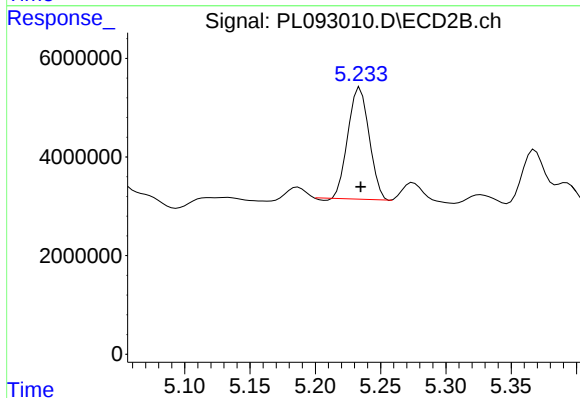
R.T.: 5.042 min  
Delta R.T.: -0.003 min  
Response: 15829283  
Conc: 4.76 ng/ml



#12 4,4'-DDE

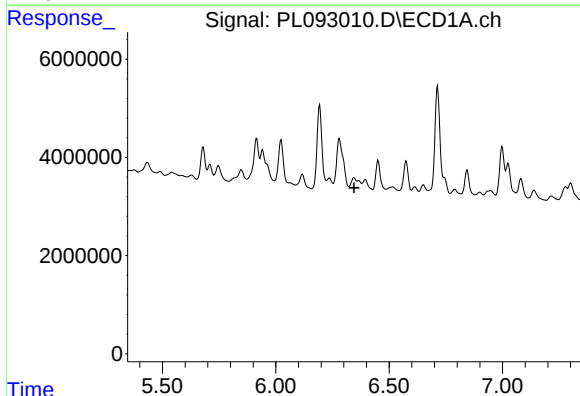
R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 22086204  
Conc: 9.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



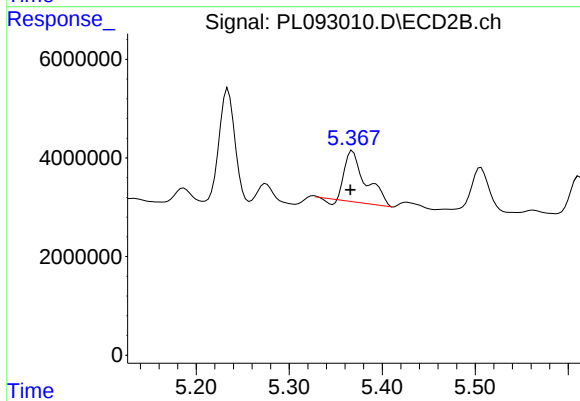
#12 4,4'-DDE

R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 25499389  
Conc: 7.92 ng/ml



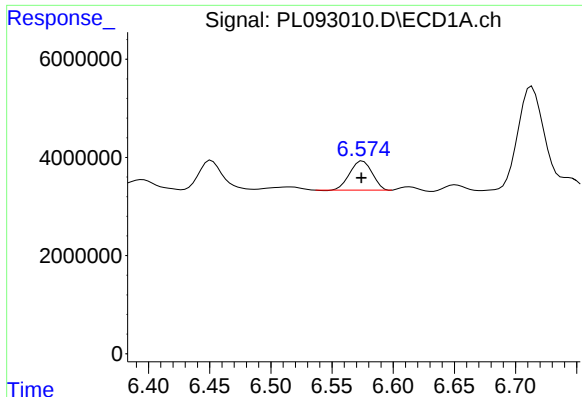
#13 Dieldrin

R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: -565420  
Conc: N.D.



#13 Dieldrin

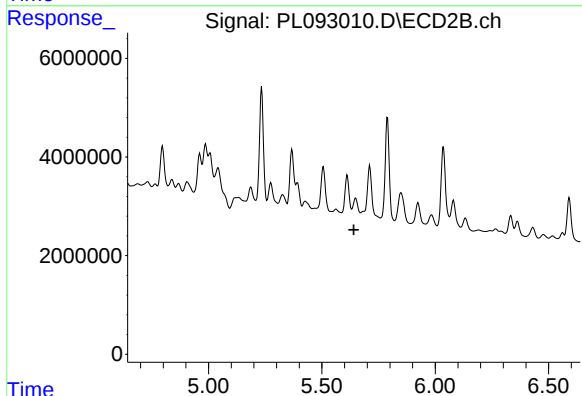
R.T.: 5.368 min  
Delta R.T.: 0.002 min  
Response: 15683033  
Conc: 4.70 ng/ml



#14 Endrin

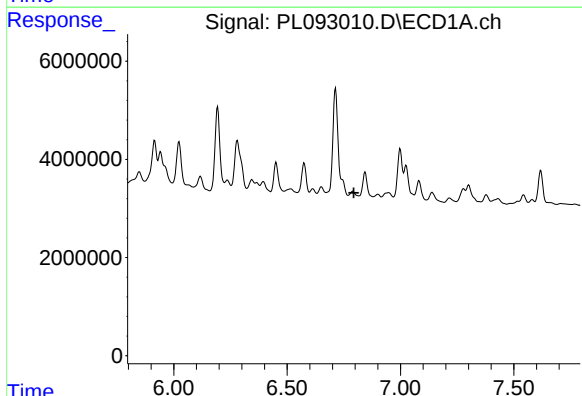
R.T.: 6.575 min  
Delta R.T.: 0.000 min  
Response: 7562788  
Conc: 3.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



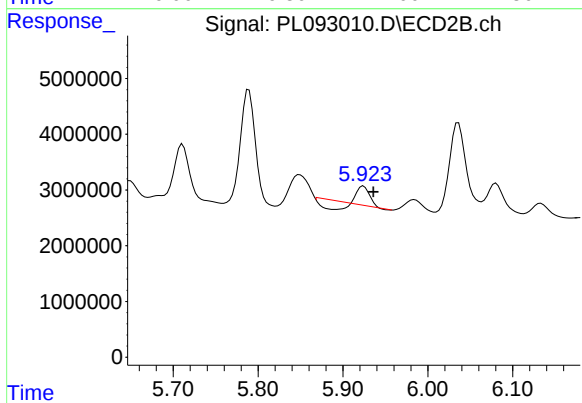
#14 Endrin

R.T.: 5.649 min  
Delta R.T.: 0.008 min  
Response: -2980350  
Conc: N.D.



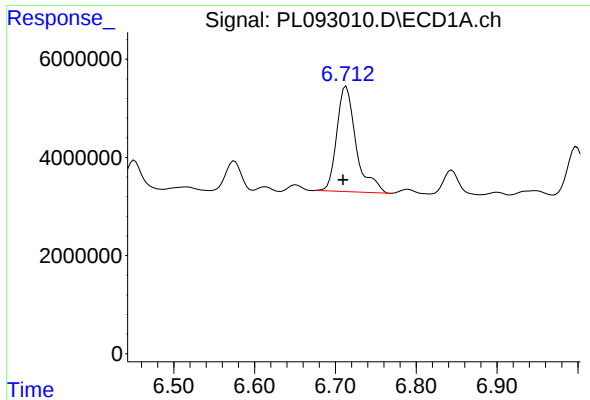
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.794 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

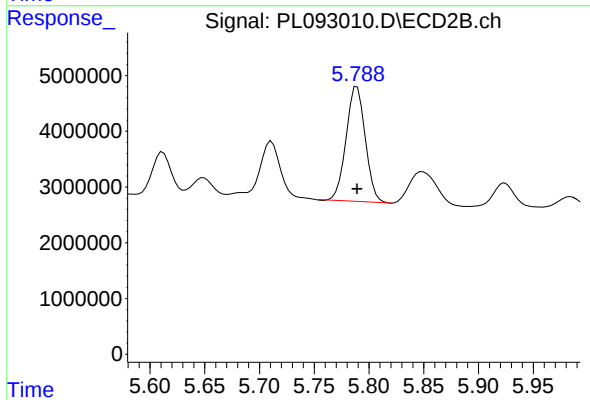
R.T.: 5.924 min  
Delta R.T.: -0.012 min  
Response: 1810963  
Conc: 0.64 ng/ml



#16 4,4'-DDD

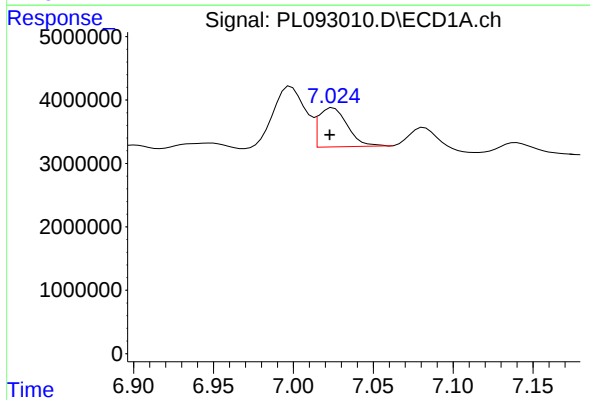
R.T.: 6.713 min  
Delta R.T.: 0.004 min  
Response: 35592835  
Conc: 18.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



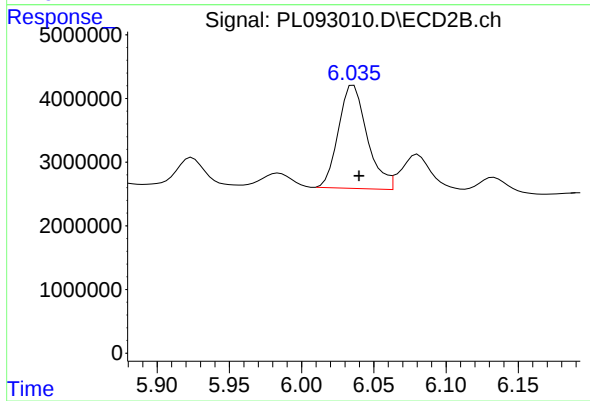
#16 4,4'-DDD

R.T.: 5.789 min  
Delta R.T.: 0.000 min  
Response: 25079493  
Conc: 10.07 ng/ml



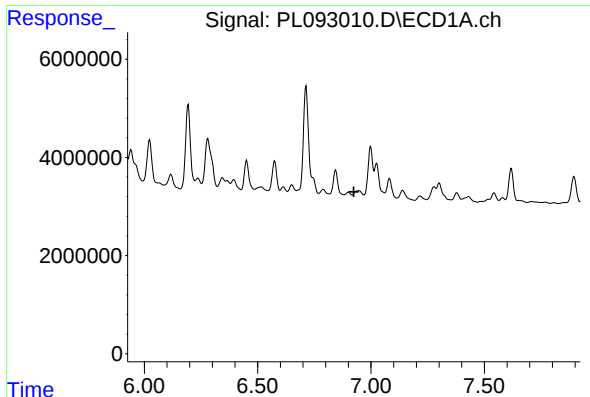
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.002 min  
Response: 7762855  
Conc: 3.75 ng/ml



#17 4,4'-DDT

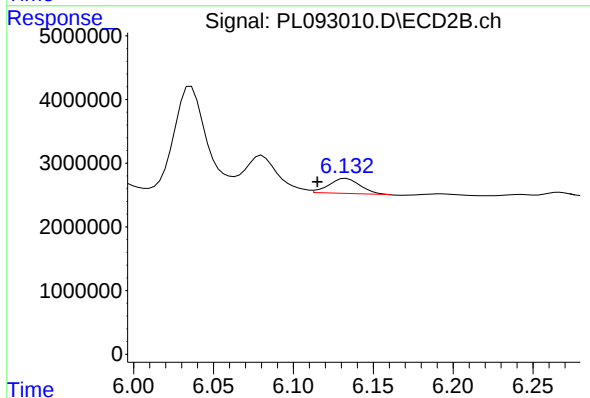
R.T.: 6.036 min  
Delta R.T.: -0.004 min  
Response: 22439647  
Conc: 8.37 ng/ml



#18 Endrin aldehyde

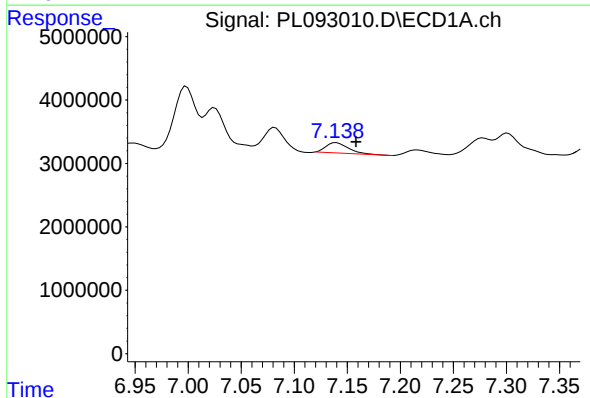
R.T.: 0.000 min  
Exp R.T.: 6.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



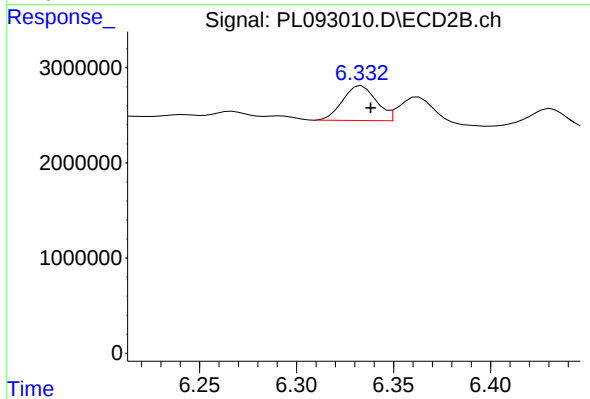
#18 Endrin aldehyde

R.T.: 6.133 min  
Delta R.T.: 0.018 min  
Response: 3123210  
Conc: 1.35 ng/ml



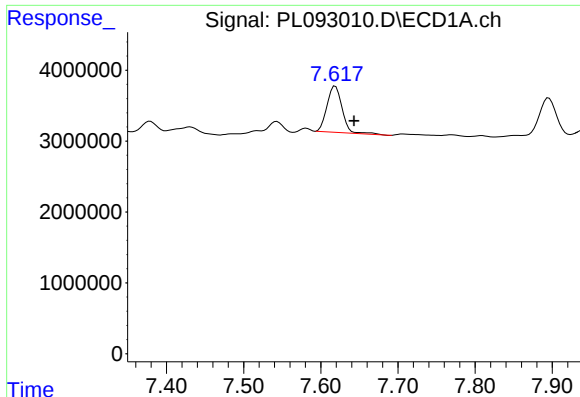
#19 Endosulfan Sulfate

R.T.: 7.140 min  
Delta R.T.: -0.018 min  
Response: 2421564  
Conc: 1.12 ng/ml



#19 Endosulfan Sulfate

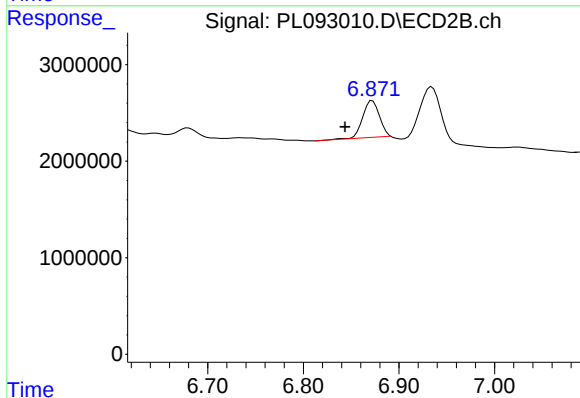
R.T.: 6.334 min  
Delta R.T.: -0.005 min  
Response: 4377594  
Conc: 1.62 ng/ml



#21 Endrin ketone

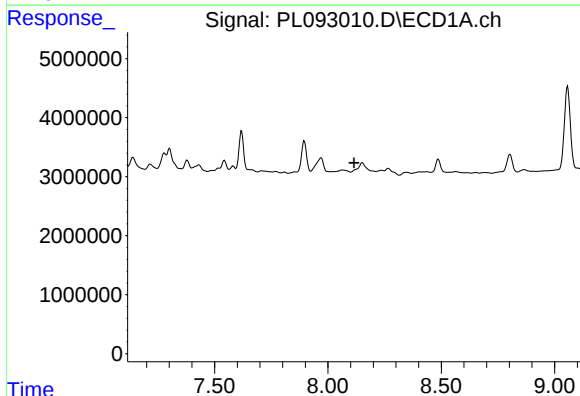
R.T.: 7.619 min  
Delta R.T.: -0.024 min  
Response: 8869691  
Conc: 3.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



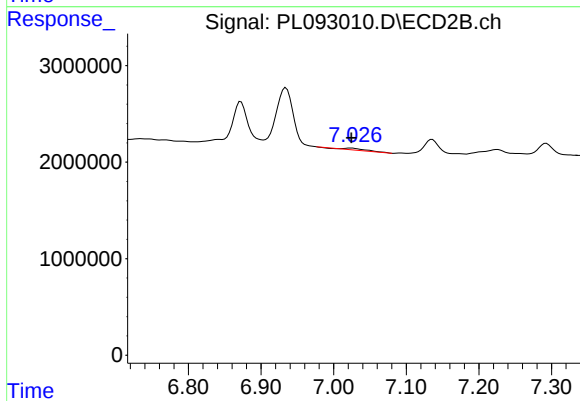
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: 0.029 min  
Response: 4684468  
Conc: 1.53 ng/ml



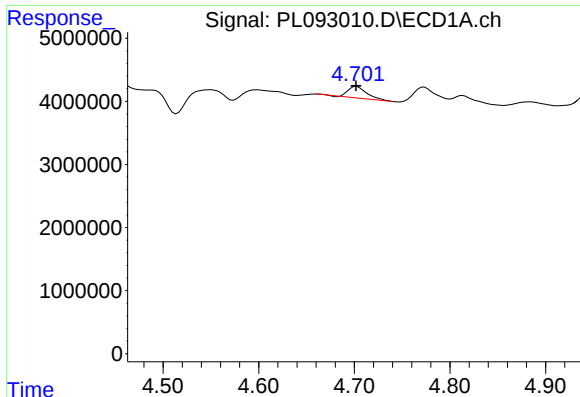
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.116 min  
Response: 0  
Conc: N.D.



#22 Mirex

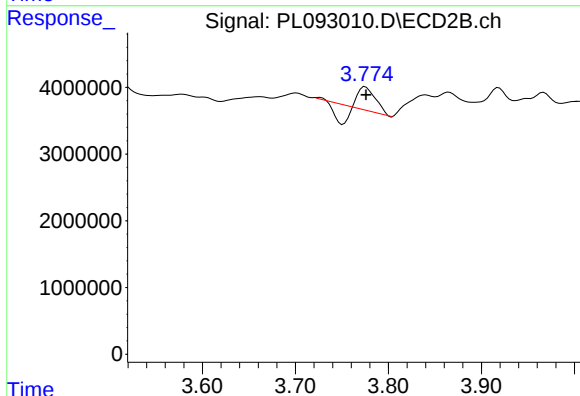
R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 313959  
Conc: 0.12 ng/ml



#23 Chlordane-1

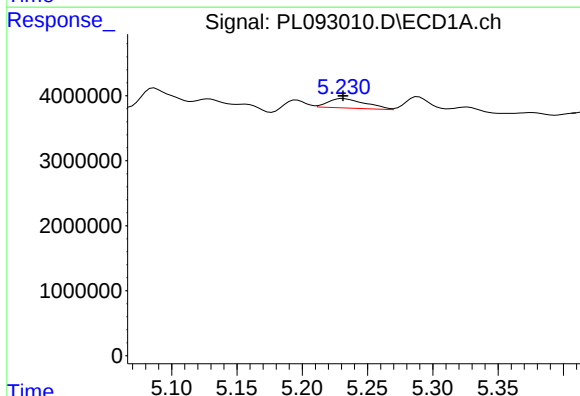
R.T.: 4.702 min  
Delta R.T.: 0.000 min  
Response: 2335841  
Conc: 21.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



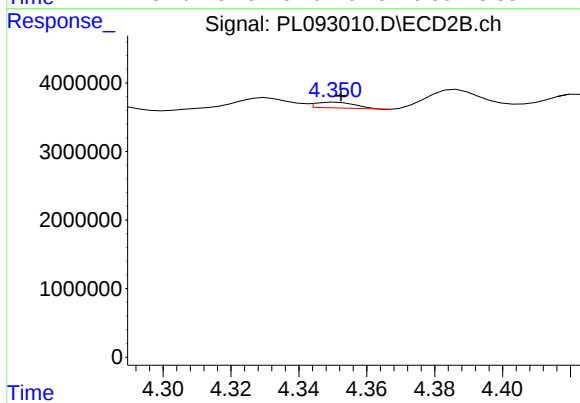
#23 Chlordane-1

R.T.: 3.775 min  
Delta R.T.: 0.000 min  
Response: 2126814  
Conc: 20.04 ng/ml



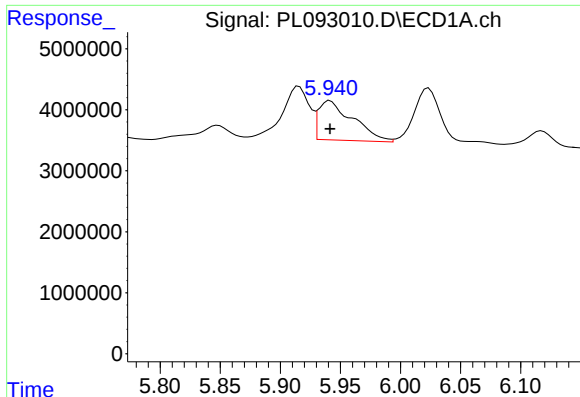
#24 Chlordane-2

R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 2879784  
Conc: 25.13 ng/ml



#24 Chlordane-2

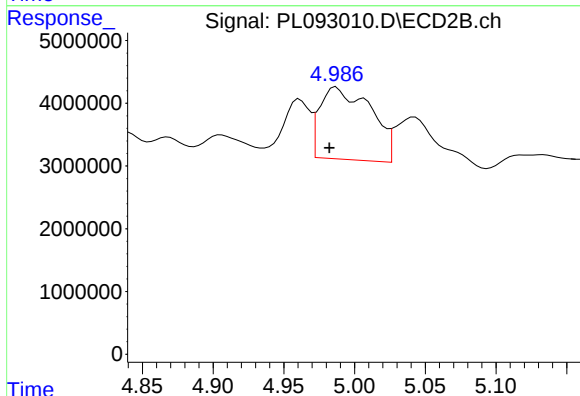
R.T.: 4.351 min  
Delta R.T.: -0.002 min  
Response: 690782  
Conc: 5.58 ng/ml



#25 Chlordane-3

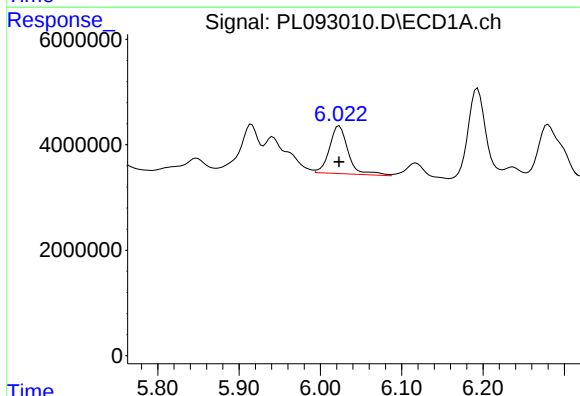
R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 12843132  
Conc: 32.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



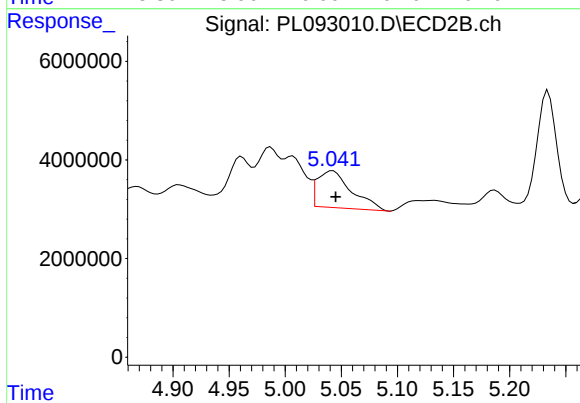
#25 Chlordane-3

R.T.: 4.987 min  
Delta R.T.: 0.005 min  
Response: 28869833  
Conc: 79.60 ng/ml



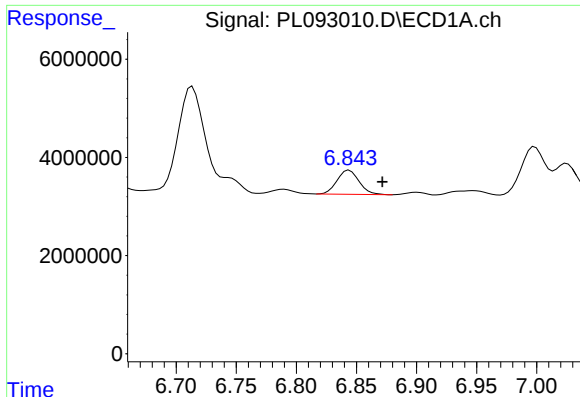
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: 0.000 min  
Response: 14493894  
Conc: 30.32 ng/ml



#26 Chlordane-4

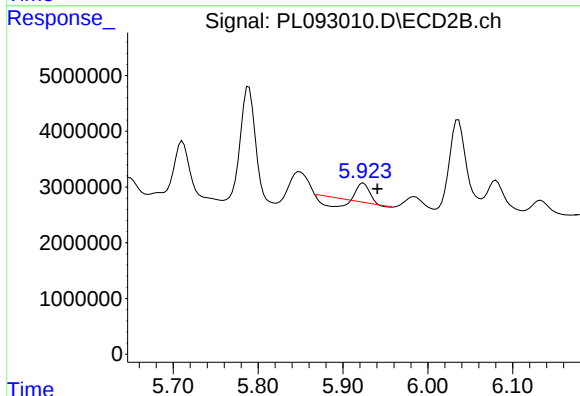
R.T.: 5.042 min  
Delta R.T.: -0.003 min  
Response: 15829283  
Conc: 45.25 ng/ml



#27 Chlordane-5

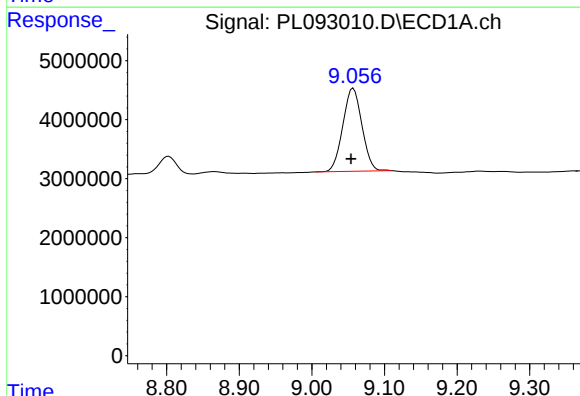
R.T.: 6.844 min  
Delta R.T.: -0.027 min  
Response: 6308814  
Conc: 66.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-5



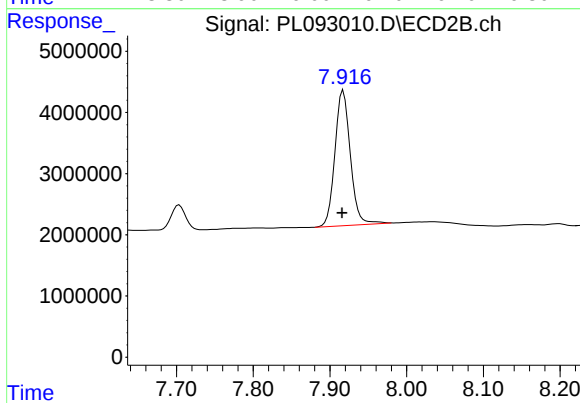
#27 Chlordane-5

R.T.: 5.924 min  
Delta R.T.: -0.017 min  
Response: 1810963  
Conc: 14.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.003 min  
Response: 25690821  
Conc: 13.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: 0.002 min  
Response: 30946224  
Conc: 11.34 ng/ml