

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080124\  
 Data File : PL090733.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2024 15:36  
 Operator : AR\AJ  
 Sample : P3413-01 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EO-02-073124

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 01:12:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 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... | 3.544  | 2.786  | 3720386  | 3814204  | 1.787   | 2.266 #   |
| 28)                         | SA Decachlor... | 9.048  | 7.928  | 3307416  | 3739854  | 2.489   | 2.565     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.278f | 0        | 15519    | N.D.    | 0.006 #   |
| 3)                          | MA gamma-BHC... | 4.308f | 3.627  | 3036694  | 2417528  | 1.084   | 1.048     |
| 4)                          | MA Heptachlor   | 4.912  | 3.980f | 6945212  | 403974   | 2.729   | 0.183 #   |
| 5)                          | MB Aldrin       | 5.253  | 4.222f | 59285047 | 8555851  | 23.729  | 4.022 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.930  | 0        | 2597772  | N.D.    | 2.517 #   |
| 7)                          | B delta-BHC     | 0.000  | 4.151  | 0        | 11074732 | N.D.    | 5.035 #   |
| 8)                          | B Heptachlo...  | 5.694  | 4.745  | 40863121 | 94092    | 17.386  | 0.048 #   |
| 9)                          | A Endosulfan I  | 6.055f | 5.142f | 26426727 | 5949214  | 12.356  | 3.253 #   |
| 10)                         | B gamma-Chl...  | 5.927f | 4.997  | 34679081 | 1144090  | 14.916  | 0.564 #   |
| 11)                         | B alpha-Chl...  | 6.017  | 5.081f | 48290133 | 1486458  | 21.035  | 0.736 #   |
| 12)                         | B 4,4'-DDE      | 6.172f | 5.254  | 18757707 | 559528   | 9.277   | 0.313 #   |
| 13)                         | MA Dieldrin     | 6.370f | 5.388  | 35586184 | 4257101  | 16.017  | 2.171 #   |
| 14)                         | MA Endrin       | 0.000  | 5.668  | 0        | 974471   | N.D.    | 0.566 #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.953  | 0        | 3003552  | N.D.    | 1.758 #   |
| 16)                         | A 4,4'-DDD      | 6.702  | 5.816  | 18303886 | 2103526  | 10.842  | 1.404 #   |
| 17)                         | MA 4,4'-DDT     | 7.047f | 6.082f | 22201554 | 1176188  | 13.189  | 0.803 #   |
| 18)                         | B Endrin al...  | 6.906f | 6.146f | 34344490 | 3000074  | 23.149  | 2.296 #   |
| 19)                         | B Endosulfa...  | 7.176  | 6.372f | 14646466 | 14763703 | 8.340   | 9.156     |
| 20)                         | A Methoxychlor  | 0.000  | 6.659f | 0        | 1971344  | N.D.    | 2.438 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.796  | 0        | 2627046  | N.D.    | 42.429 #  |
| 24)                         | Chlordane-2     | 5.253  | 4.380  | 59285047 | 8590155  | 579.220 | 113.264 # |
| 25)                         | Chlordane-3     | 5.927f | 4.997  | 34679081 | 1144090  | 104.754 | 5.536 #   |
| 26)                         | Chlordane-4     | 6.017  | 5.081f | 48290133 | 1486458  | 121.238 | 7.596 #   |
| 27)                         | Chlordane-5     | 6.906f | 5.745  | 34344490 | 4039848  | 496.347 | 67.022 #  |
| -----                       |                 |        |        |          |          |         |           |

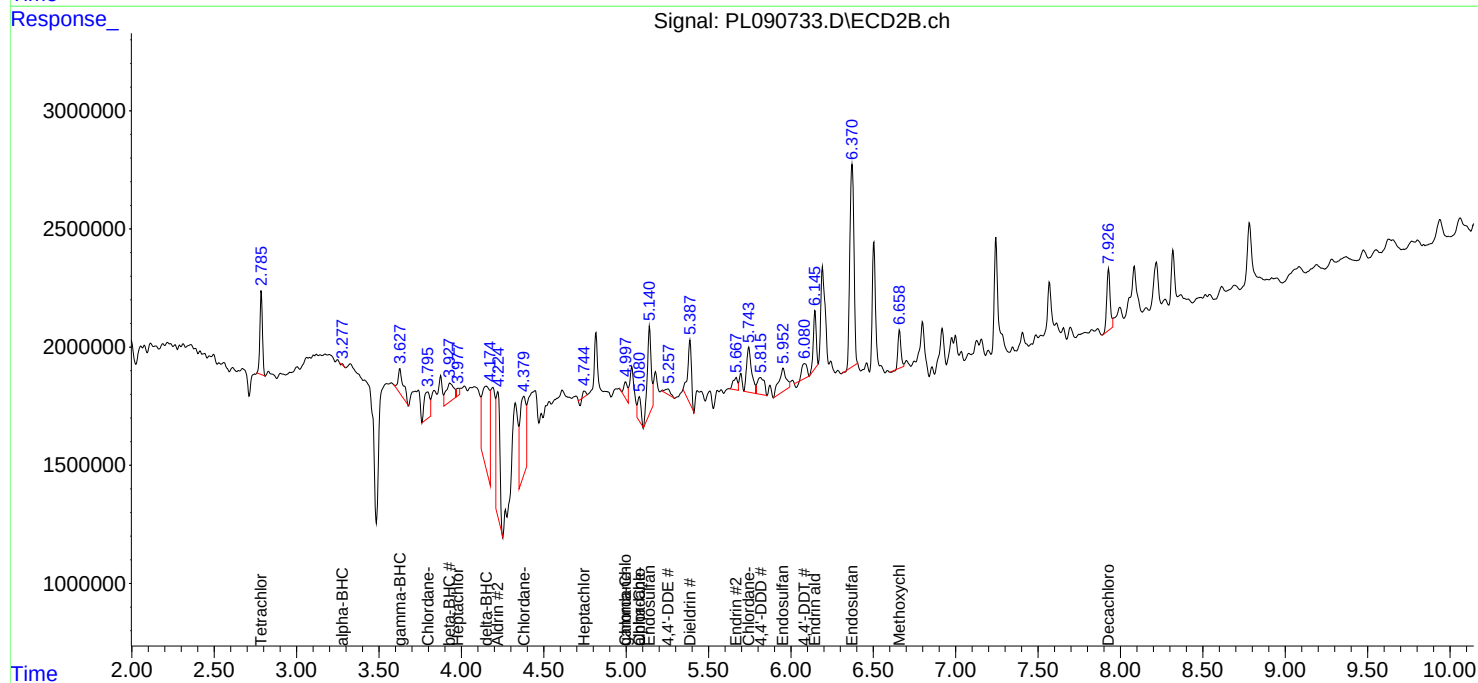
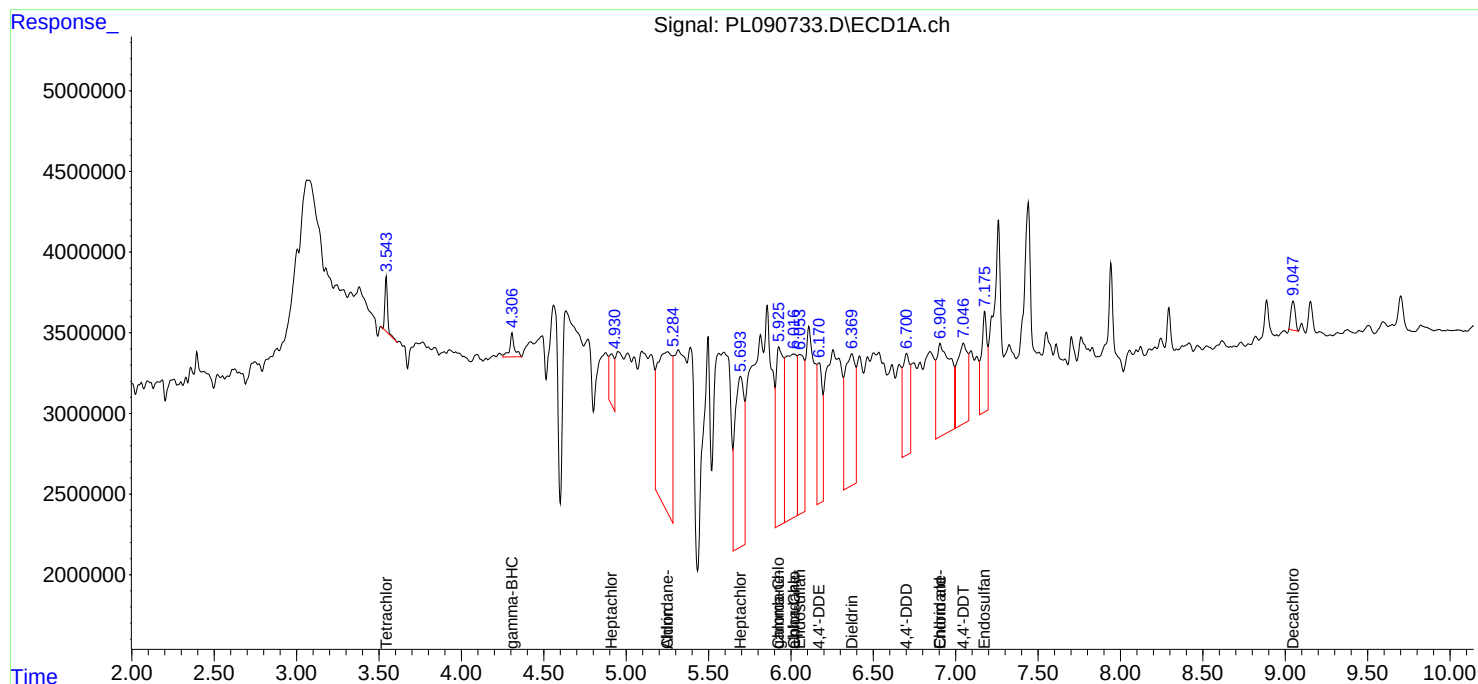
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

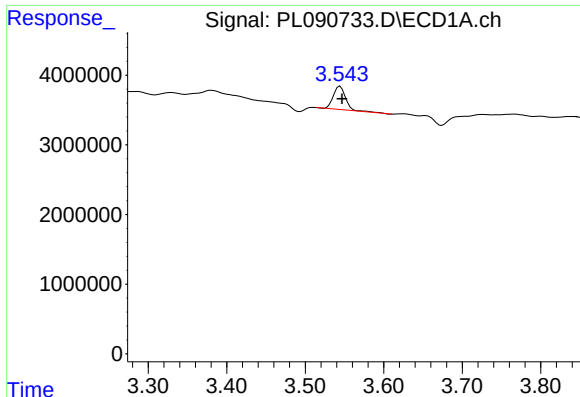
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080124\  
Data File : PL090733.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2024 15:36  
Operator : AR\AJ  
Sample : P3413-01 10X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 01:12:44 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 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

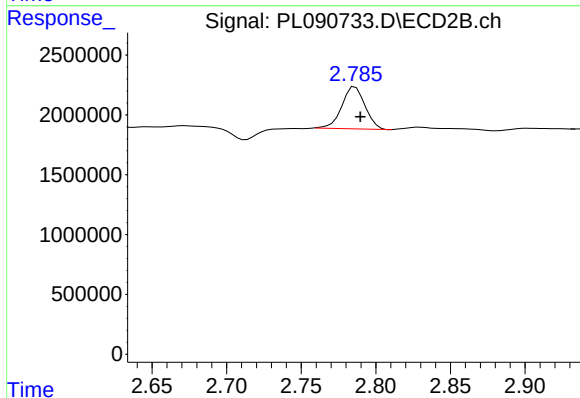




#1 Tetrachloro-m-xylene

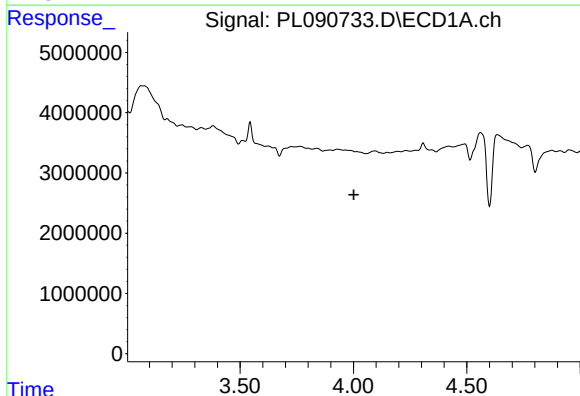
R.T.: 3.544 min  
Delta R.T.: -0.003 min  
Response: 3720386  
Conc: 1.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



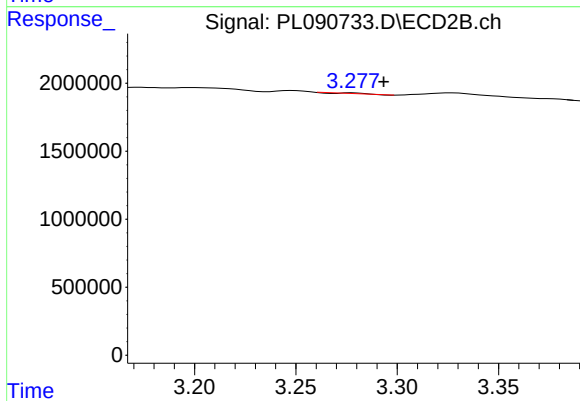
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: -0.004 min  
Response: 3814204  
Conc: 2.27 ng/ml



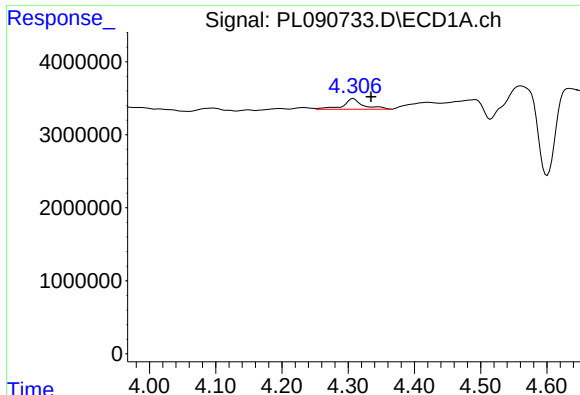
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.002 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

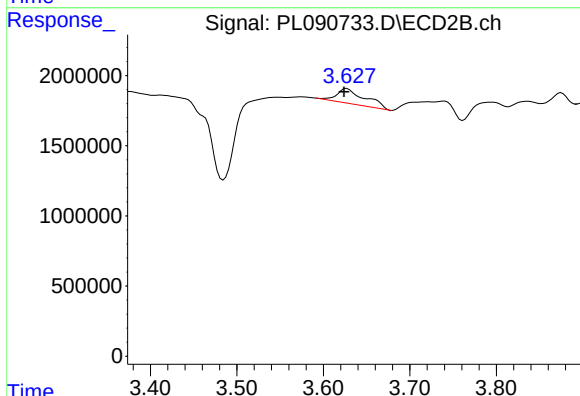
R.T.: 3.278 min  
Delta R.T.: -0.016 min  
Response: 15519  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

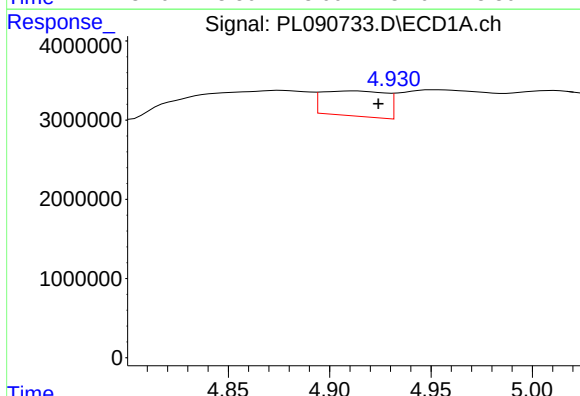
R.T.: 4.308 min  
Delta R.T.: -0.027 min  
Response: 3036694  
Conc: 1.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



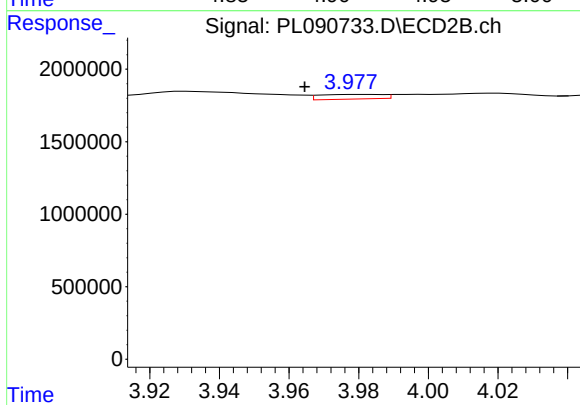
#3 gamma-BHC (Lindane)

R.T.: 3.627 min  
Delta R.T.: 0.003 min  
Response: 2417528  
Conc: 1.05 ng/ml



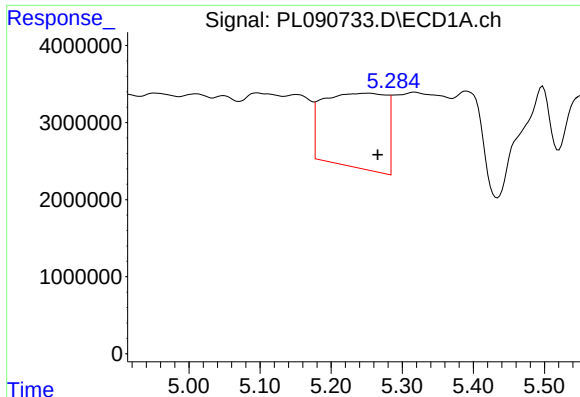
#4 Heptachlor

R.T.: 4.912 min  
Delta R.T.: -0.012 min  
Response: 6945212  
Conc: 2.73 ng/ml



#4 Heptachlor

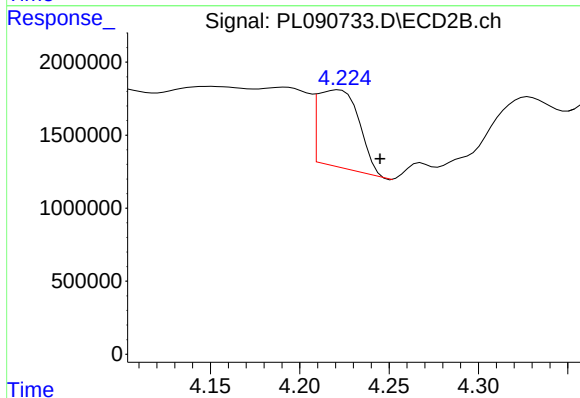
R.T.: 3.980 min  
Delta R.T.: 0.015 min  
Response: 403974  
Conc: 0.18 ng/ml



#5 Aldrin

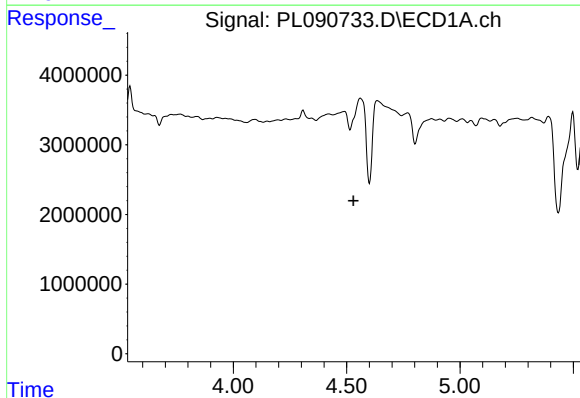
R.T.: 5.253 min  
Delta R.T.: -0.013 min  
Response: 59285047  
Conc: 23.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



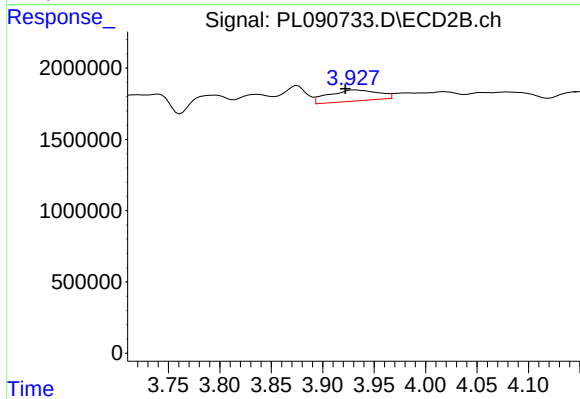
#5 Aldrin

R.T.: 4.222 min  
Delta R.T.: -0.023 min  
Response: 8555851  
Conc: 4.02 ng/ml



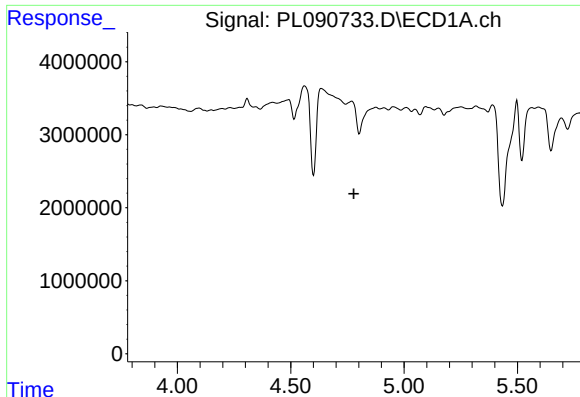
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.531 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

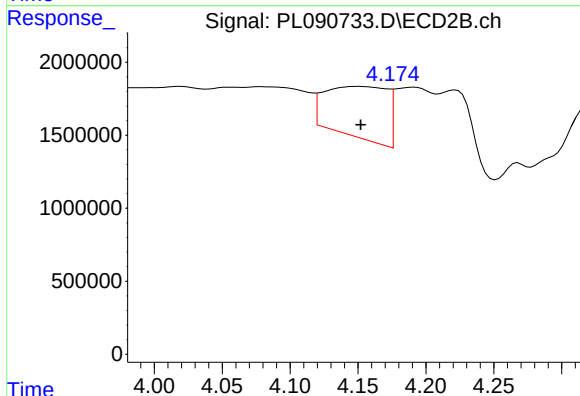
R.T.: 3.930 min  
Delta R.T.: 0.008 min  
Response: 2597772  
Conc: 2.52 ng/ml



#7 delta-BHC

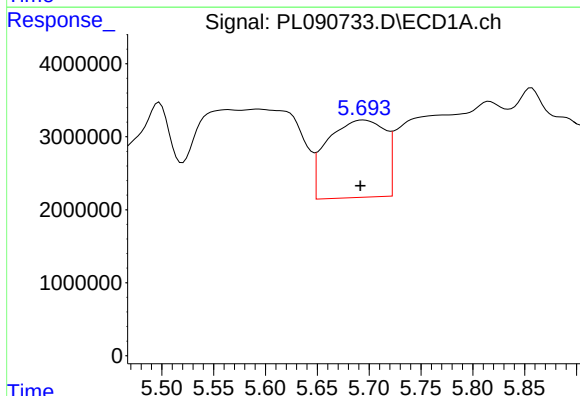
R.T.: 0.000 min  
Exp R.T.: 4.778 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



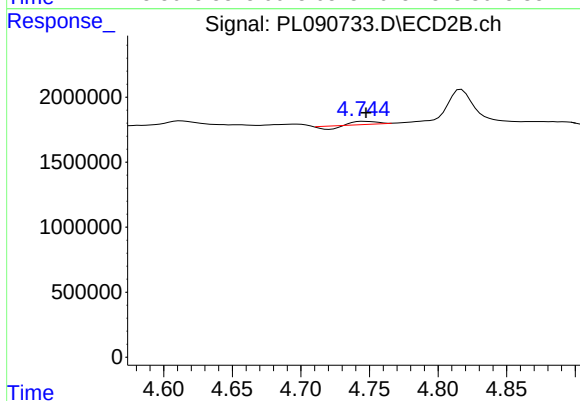
#7 delta-BHC

R.T.: 4.151 min  
Delta R.T.: -0.001 min  
Response: 11074732  
Conc: 5.03 ng/ml



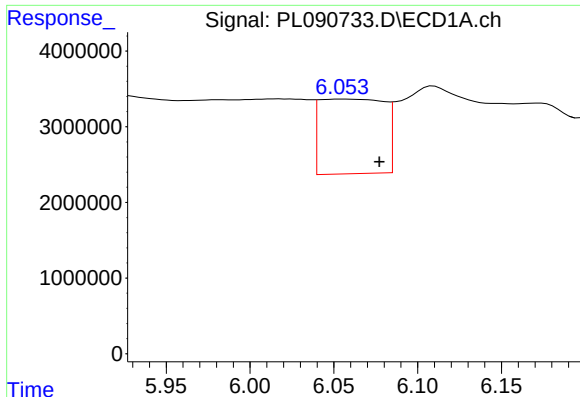
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: 0.003 min  
Response: 40863121  
Conc: 17.39 ng/ml



#8 Heptachlor epoxide

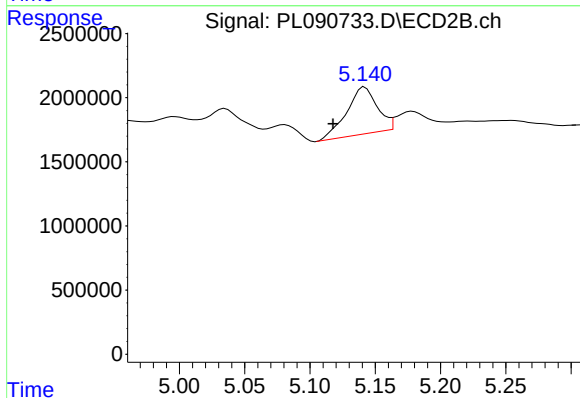
R.T.: 4.745 min  
Delta R.T.: -0.002 min  
Response: 94092  
Conc: 0.05 ng/ml



#9 Endosulfan I

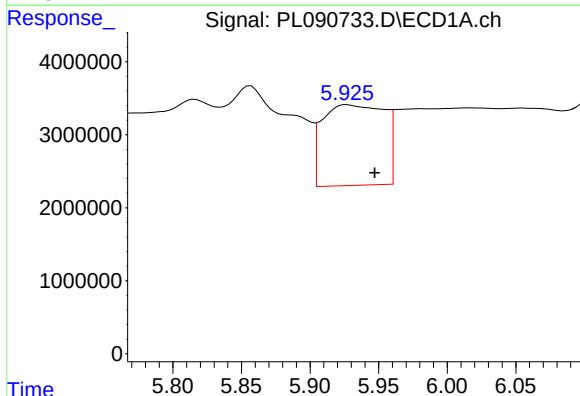
R.T.: 6.055 min  
Delta R.T.: -0.022 min  
Response: 26426727  
Conc: 12.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



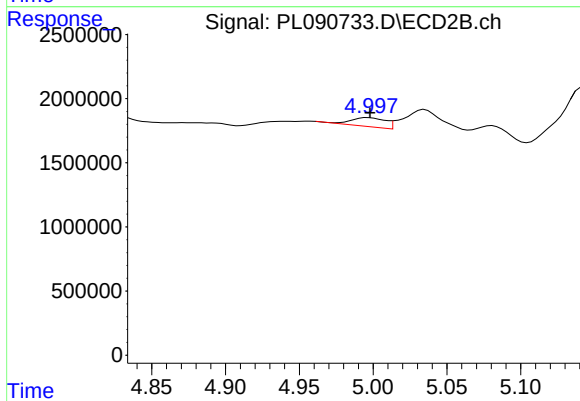
#9 Endosulfan I

R.T.: 5.142 min  
Delta R.T.: 0.024 min  
Response: 5949214  
Conc: 3.25 ng/ml



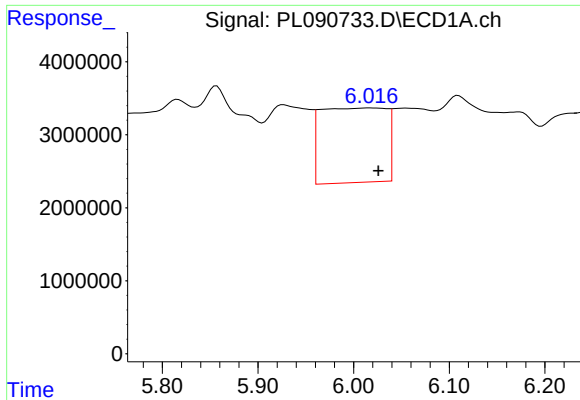
#10 gamma-Chlordane

R.T.: 5.927 min  
Delta R.T.: -0.020 min  
Response: 34679081  
Conc: 14.92 ng/ml



#10 gamma-Chlordane

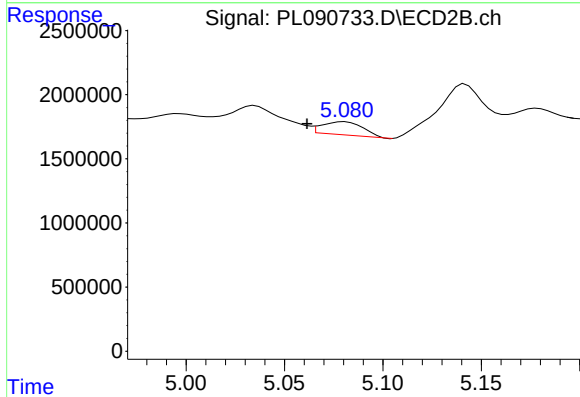
R.T.: 4.997 min  
Delta R.T.: -0.001 min  
Response: 1144090  
Conc: 0.56 ng/ml



#11 alpha-Chlordane

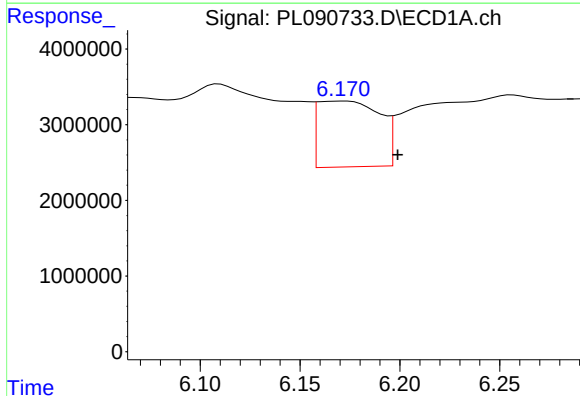
R.T.: 6.017 min  
Delta R.T.: -0.009 min  
Response: 48290133  
Conc: 21.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



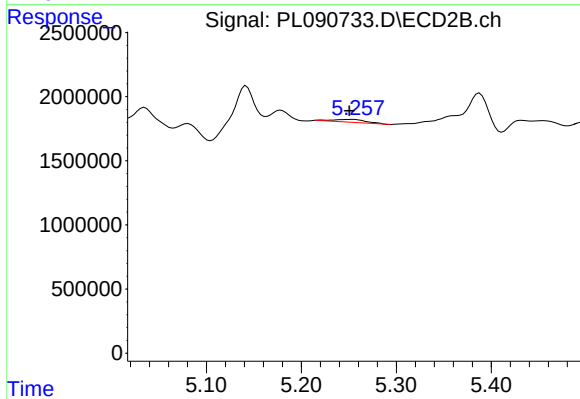
#11 alpha-Chlordane

R.T.: 5.081 min  
Delta R.T.: 0.019 min  
Response: 1486458  
Conc: 0.74 ng/ml



#12 4,4'-DDE

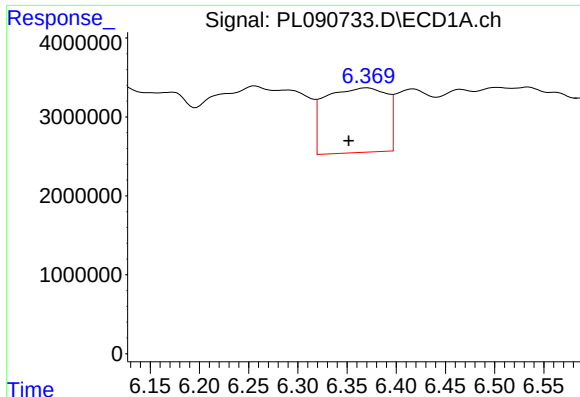
R.T.: 6.172 min  
Delta R.T.: -0.027 min  
Response: 18757707  
Conc: 9.28 ng/ml



#12 4,4'-DDE

R.T.: 5.254 min  
Delta R.T.: 0.004 min  
Response: 559528  
Conc: 0.31 ng/ml

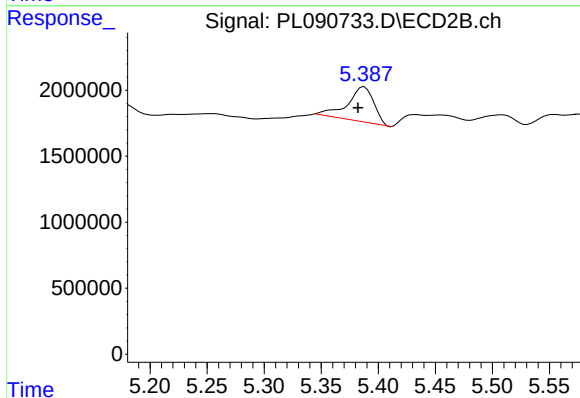




#13 Dieldrin

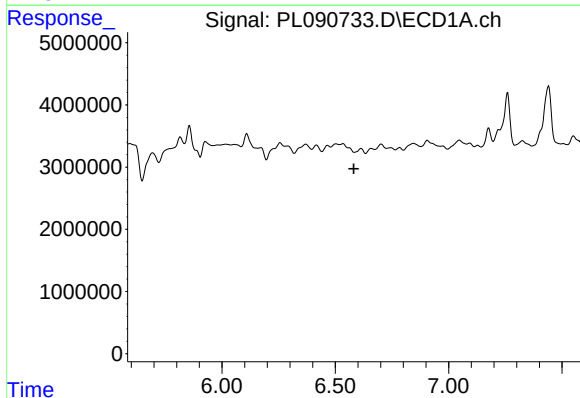
R.T.: 6.370 min  
Delta R.T.: 0.018 min  
Response: 35586184  
Conc: 16.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



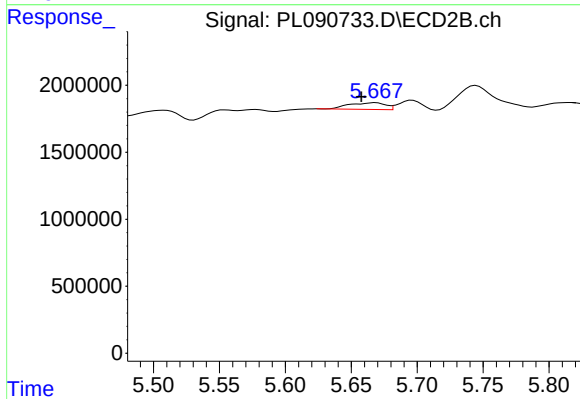
#13 Dieldrin

R.T.: 5.388 min  
Delta R.T.: 0.005 min  
Response: 4257101  
Conc: 2.17 ng/ml



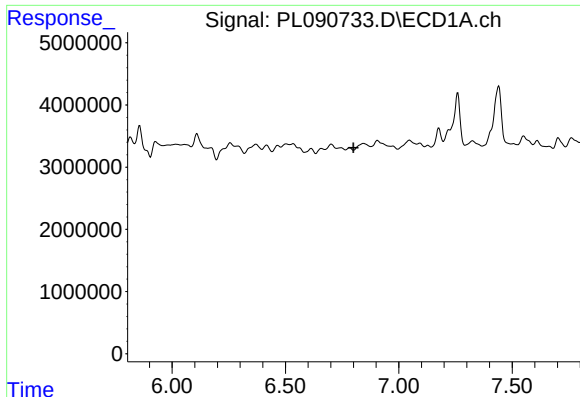
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.582 min  
Response: 0  
Conc: N.D.



#14 Endrin

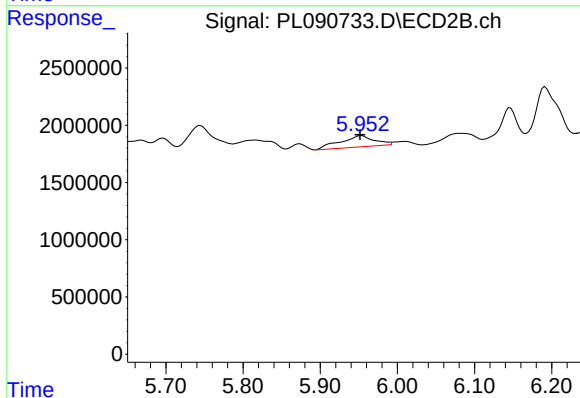
R.T.: 5.668 min  
Delta R.T.: 0.011 min  
Response: 974471  
Conc: 0.57 ng/ml



#15 Endosulfan II

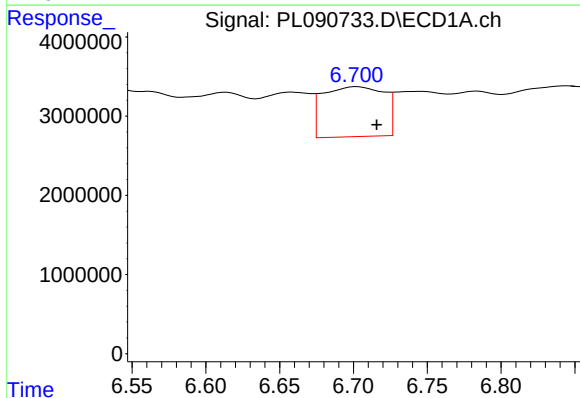
R.T.: 0.000 min  
Exp R.T.: 6.800 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



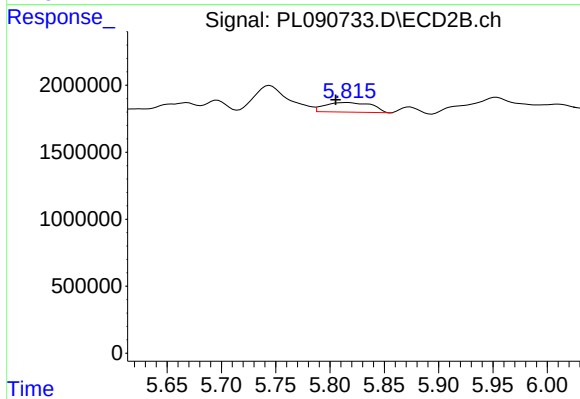
#15 Endosulfan II

R.T.: 5.953 min  
Delta R.T.: 0.002 min  
Response: 3003552  
Conc: 1.76 ng/ml



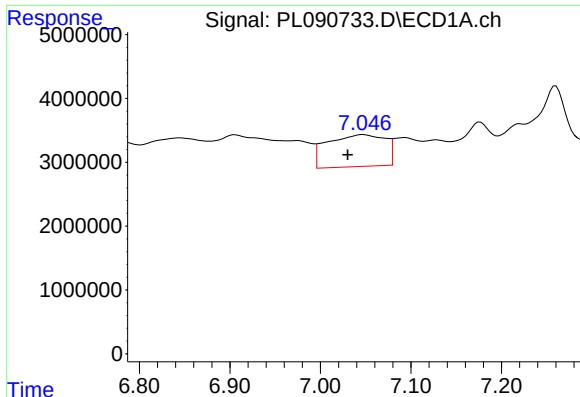
#16 4,4'-DDD

R.T.: 6.702 min  
Delta R.T.: -0.013 min  
Response: 18303886  
Conc: 10.84 ng/ml



#16 4,4'-DDD

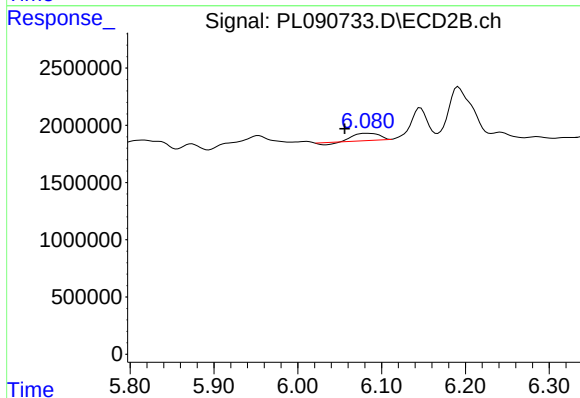
R.T.: 5.816 min  
Delta R.T.: 0.011 min  
Response: 2103526  
Conc: 1.40 ng/ml



#17 4,4'-DDT

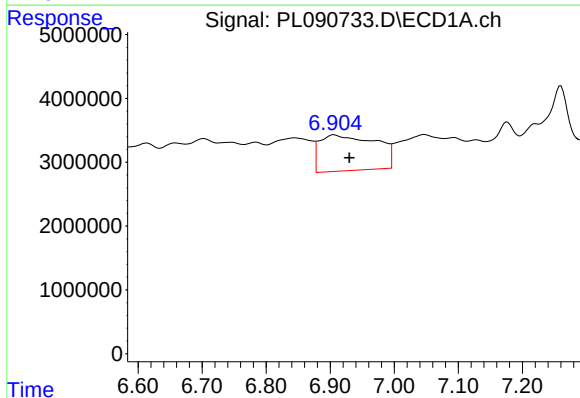
R.T.: 7.047 min  
Delta R.T.: 0.017 min  
Response: 22201554  
Conc: 13.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



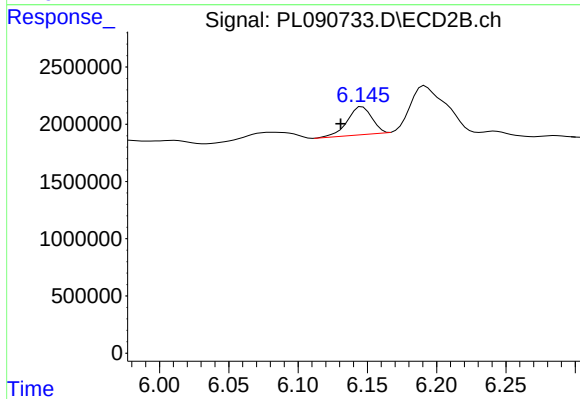
#17 4,4'-DDT

R.T.: 6.082 min  
Delta R.T.: 0.027 min  
Response: 1176188  
Conc: 0.80 ng/ml



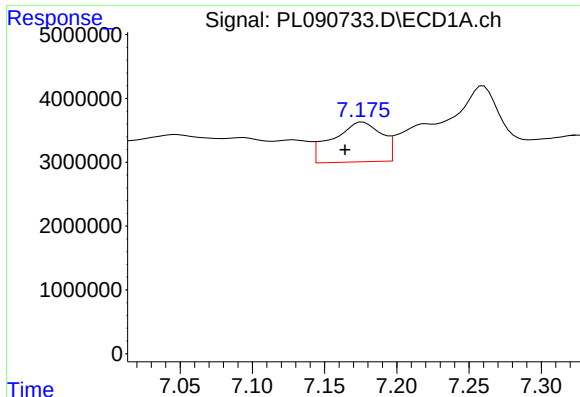
#18 Endrin aldehyde

R.T.: 6.906 min  
Delta R.T.: -0.024 min  
Response: 34344490  
Conc: 23.15 ng/ml



#18 Endrin aldehyde

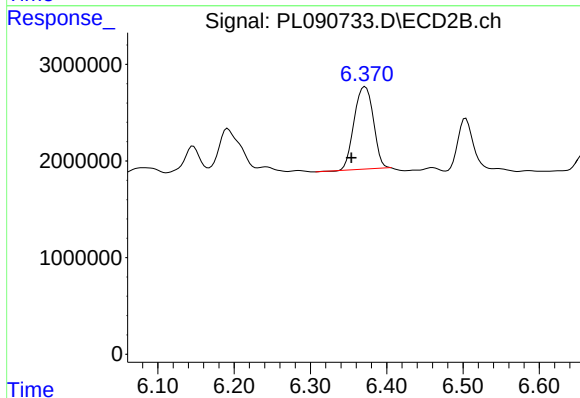
R.T.: 6.146 min  
Delta R.T.: 0.016 min  
Response: 3000074  
Conc: 2.30 ng/ml



#19 Endosulfan Sulfate

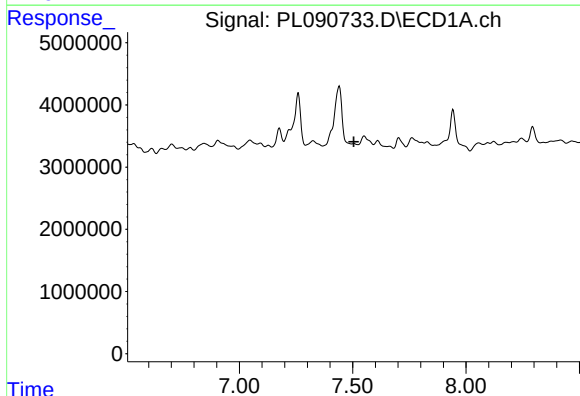
R.T.: 7.176 min  
Delta R.T.: 0.012 min  
Response: 14646466  
Conc: 8.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



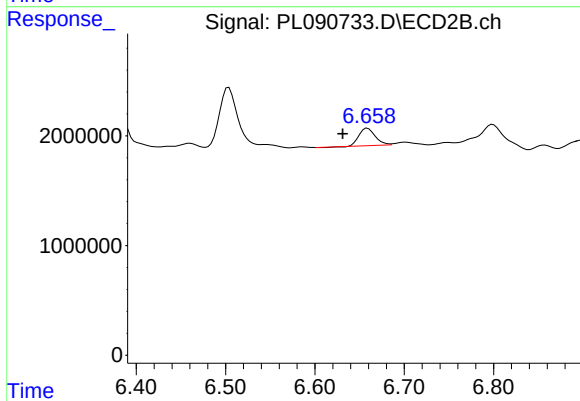
#19 Endosulfan Sulfate

R.T.: 6.372 min  
Delta R.T.: 0.018 min  
Response: 14763703  
Conc: 9.16 ng/ml



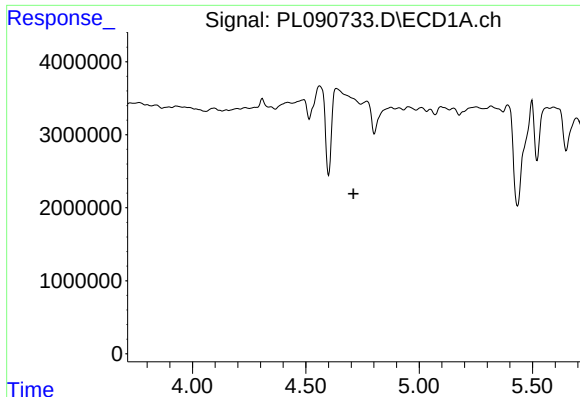
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.505 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

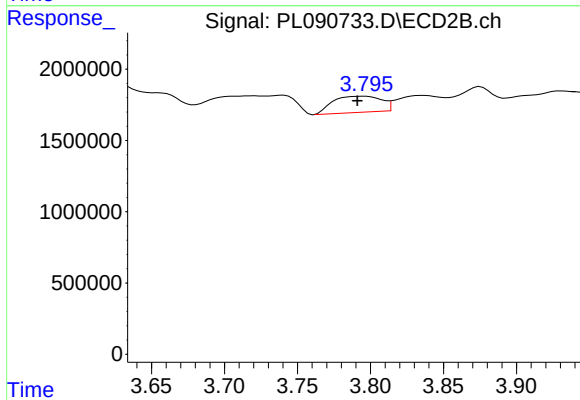
R.T.: 6.659 min  
Delta R.T.: 0.028 min  
Response: 1971344  
Conc: 2.44 ng/ml



#23 Chlordane-1

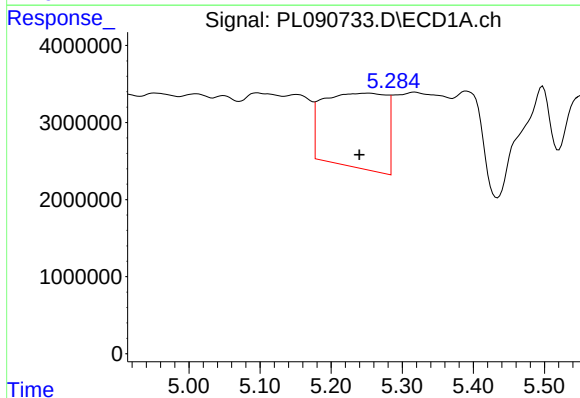
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



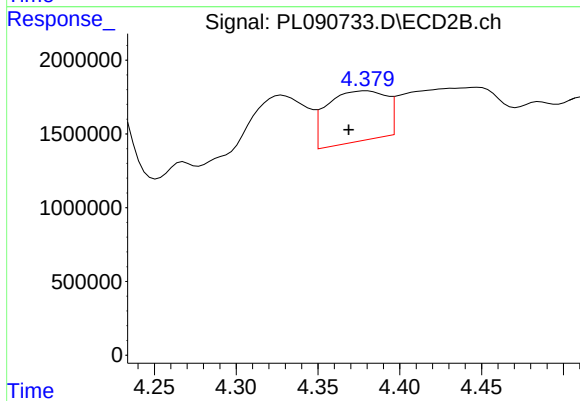
#23 Chlordane-1

R.T.: 3.796 min  
Delta R.T.: 0.005 min  
Response: 2627046  
Conc: 42.43 ng/ml



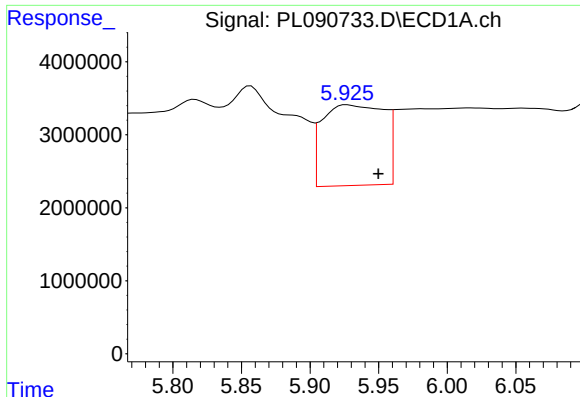
#24 Chlordane-2

R.T.: 5.253 min  
Delta R.T.: 0.013 min  
Response: 59285047  
Conc: 579.22 ng/ml



#24 Chlordane-2

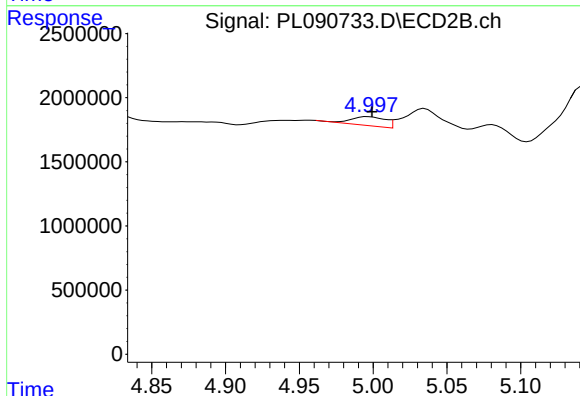
R.T.: 4.380 min  
Delta R.T.: 0.011 min  
Response: 8590155  
Conc: 113.26 ng/ml



#25 Chlordane-3

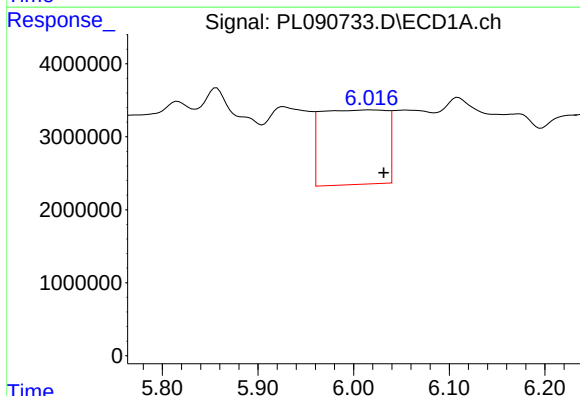
R.T.: 5.927 min  
Delta R.T.: -0.023 min  
Response: 34679081  
Conc: 104.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



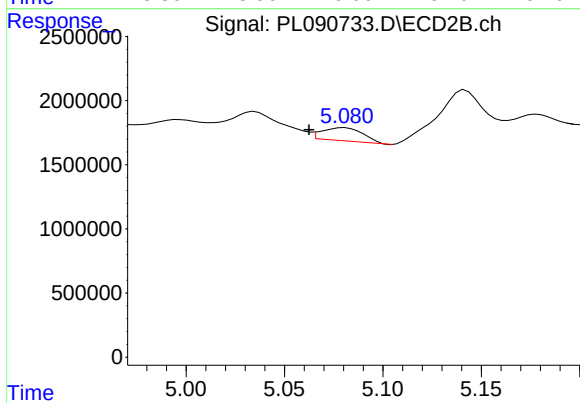
#25 Chlordane-3

R.T.: 4.997 min  
Delta R.T.: -0.003 min  
Response: 1144090  
Conc: 5.54 ng/ml



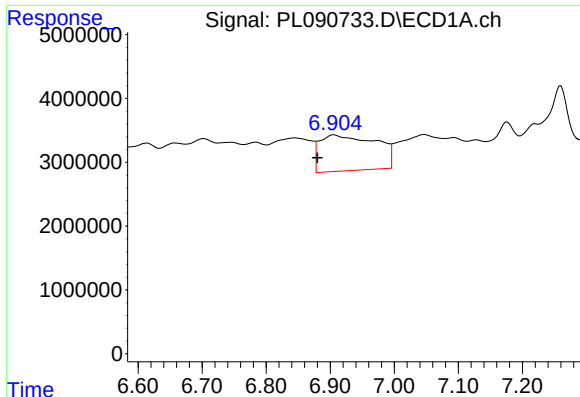
#26 Chlordane-4

R.T.: 6.017 min  
Delta R.T.: -0.015 min  
Response: 48290133  
Conc: 121.24 ng/ml



#26 Chlordane-4

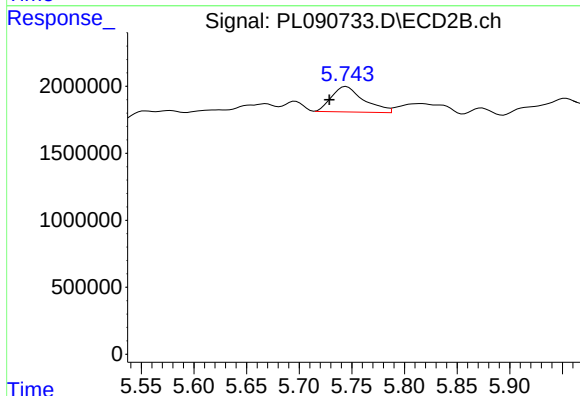
R.T.: 5.081 min  
Delta R.T.: 0.018 min  
Response: 1486458  
Conc: 7.60 ng/ml



#27 Chlordane-5

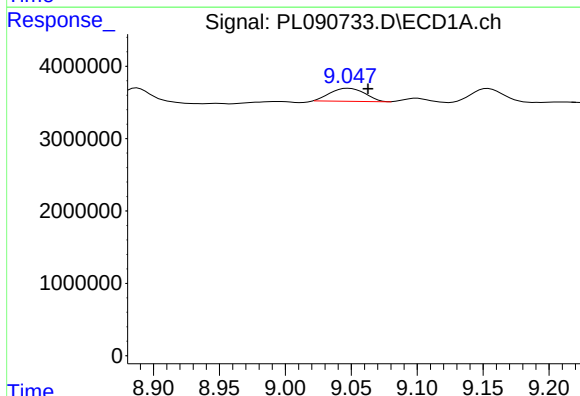
R.T.: 6.906 min  
Delta R.T.: 0.026 min  
Response: 34344490  
Conc: 496.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-073124



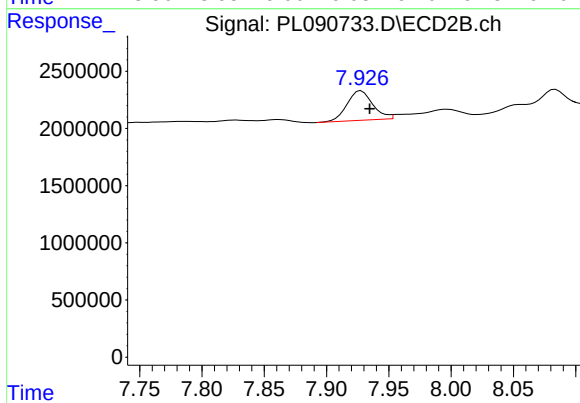
#27 Chlordane-5

R.T.: 5.745 min  
Delta R.T.: 0.016 min  
Response: 4039848  
Conc: 67.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.048 min  
Delta R.T.: -0.015 min  
Response: 3307416  
Conc: 2.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: -0.007 min  
Response: 3739854  
Conc: 2.56 ng/ml