

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062723\  
 Data File : PL083749.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2023 17:45  
 Operator : AR\AJ  
 Sample : 03413-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-02-062623

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 00:22:31 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062523.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 26 10:45:09 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... | 3.430  | 2.693  | 27717490 | 33855528 | 11.156   | 11.660   |
| 28)                         | SA Decachlor... | 8.973  | 7.881  | 20168615 | 26901263 | 11.809   | 10.880   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.187  | 0        | 103415   | N.D.     | 0.025 #  |
| 3)                          | MA gamma-BHC... | 4.224  | 0.000  | 999923   | 0        | 0.287    | N.D. #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.865  | 0        | 159200   | N.D.     | 0.042 #  |
| 5)                          | MB Aldrin       | 5.155  | 4.152  | 183.1E6  | 205.0E6  | 53.243   | 57.308   |
| 6)                          | B beta-BHC      | 4.440f | 3.837  | 1860593  | -227344  | 1.239    | N.D. #   |
| 7)                          | B delta-BHC     | 4.670  | 4.062  | 392528   | 525167   | 0.114    | 0.138    |
| 8)                          | B Heptachlo...  | 5.608f | 4.654  | 5280119  | 604767   | 1.562    | 0.180 #  |
| 9)                          | A Endosulfan I  | 6.000f | 5.051f | 499898   | 3150116  | 0.162    | 1.018 #  |
| 10)                         | B gamma-Chl...  | 5.843  | 4.913  | 14519880 | 6314666  | 4.313    | 1.854 #  |
| 11)                         | B alpha-Chl...  | 5.927  | 4.975  | 10807384 | 12201051 | 3.279    | 3.603    |
| 12)                         | B 4,4'-DDE      | 6.108  | 5.174  | -1426302 | 4497607  | N.D.     | 1.608    |
| 13)                         | MA Dieldrin     | 6.256  | 5.297  | -112409  | 3955216  | N.D.     | 1.253    |
| 14)                         | MA Endrin       | 0.000  | 5.551f | 0        | 294843   | N.D.     | 0.111 #  |
| 15)                         | B Endosulfa...  | 6.687  | 5.871  | 462417   | 1149011  | 0.194    | 0.448 #  |
| 16)                         | A 4,4'-DDD      | 6.626  | 5.733  | 682719   | 778273   | 0.315    | 0.359    |
| 17)                         | MA 4,4'-DDT     | 6.938  | 5.984  | 590457   | 1256410  | 0.251    | 0.507 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.024f | 0        | 938489   | N.D.     | 0.459 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.288  | 0        | 1328670  | N.D.     | 0.511 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.780  | 0        | 279519   | N.D.     | 0.096 #  |
| 22)                         | Mirex           | 0.000  | 6.939f | 0        | 148705   | N.D.     | 0.059 #  |
| 23)                         | Chlordane-1     | 4.594  | 3.694  | 56786    | 6010214  | 0.536    | 57.857 # |
| 24)                         | Chlordane-2     | 5.155f | 4.281  | 183.1E6  | 1661684  | 1577.315 | 13.946 # |
| 25)                         | Chlordane-3     | 5.843  | 4.913  | 14519880 | 6314666  | 29.985   | 18.730 # |
| 26)                         | Chlordane-4     | 5.927  | 4.975  | 10807384 | 12201051 | 18.623   | 34.588 # |
| 27)                         | Chlordane-5     | 0.000  | 5.871  | 0        | 1149011  | N.D.     | 11.621 # |
| -----                       |                 |        |        |          |          |          |          |

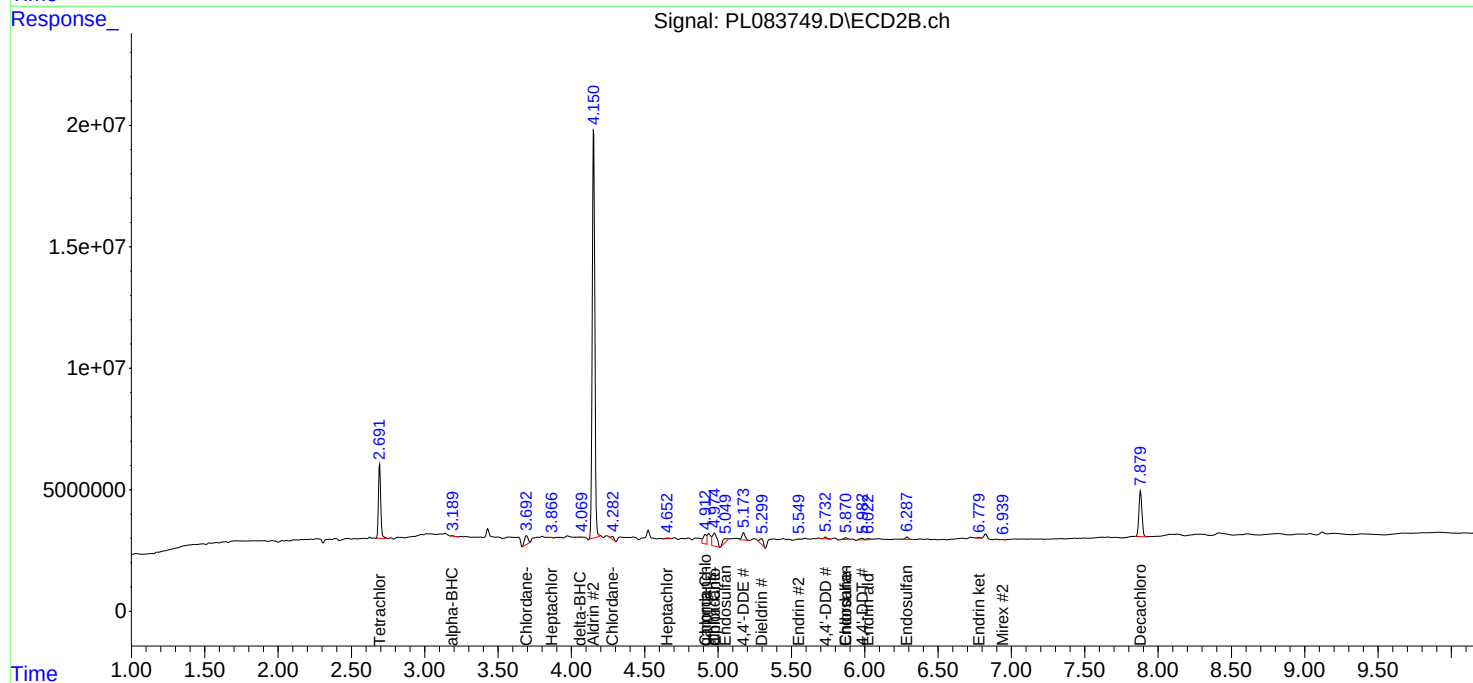
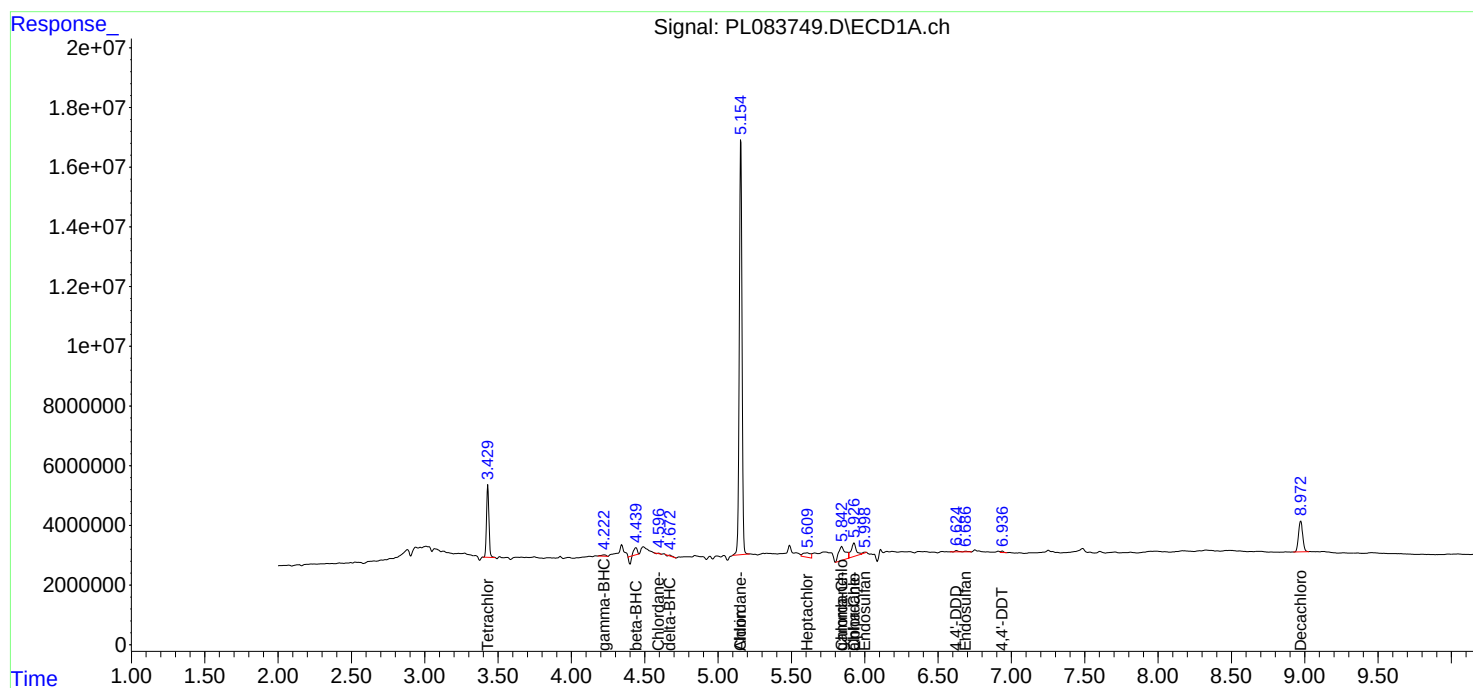
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

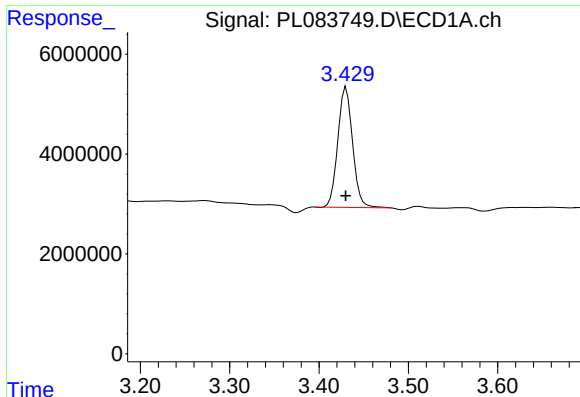
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062723\  
Data File : PL083749.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2023 17:45  
Operator : AR\AJ  
Sample : 03413-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 00:22:31 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062523.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 26 10:45:09 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

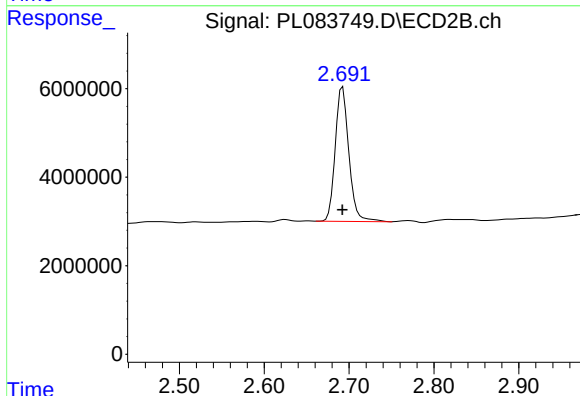




#1 Tetrachloro-m-xylene

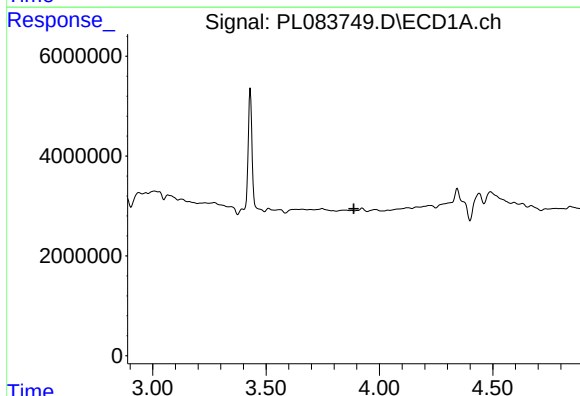
R.T.: 3.430 min  
Delta R.T.: 0.000 min  
Response: 27717490  
Conc: 11.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



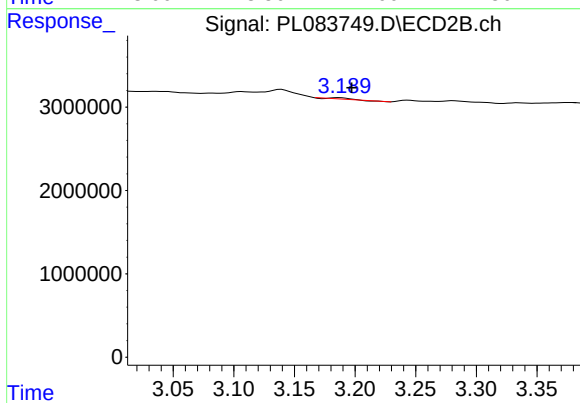
#1 Tetrachloro-m-xylene

R.T.: 2.693 min  
Delta R.T.: 0.000 min  
Response: 33855528  
Conc: 11.66 ng/ml



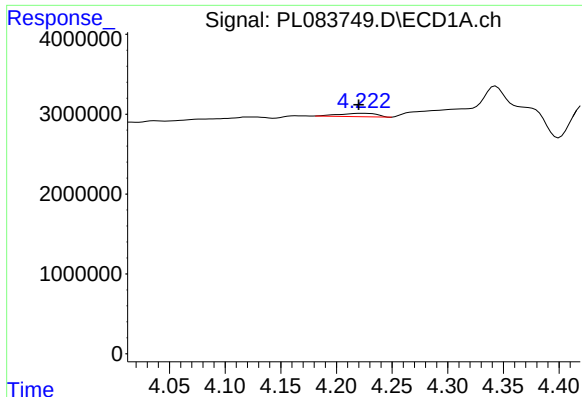
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.887 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

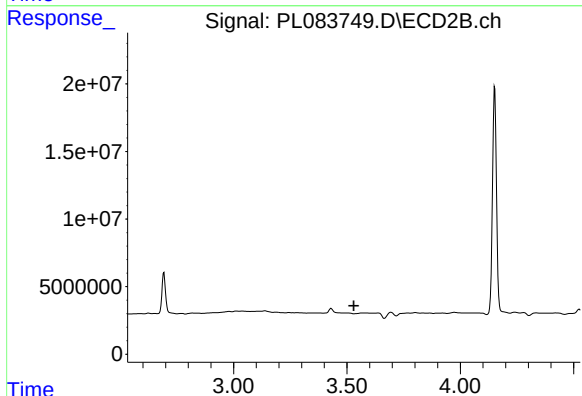
R.T.: 3.187 min  
Delta R.T.: -0.011 min  
Response: 103415  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

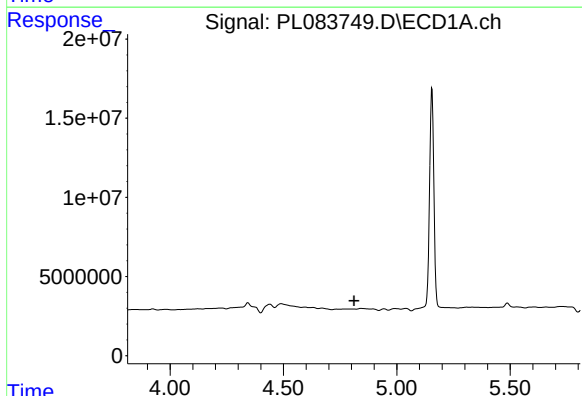
R.T.: 4.224 min  
Delta R.T.: 0.004 min  
Response: 999923  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



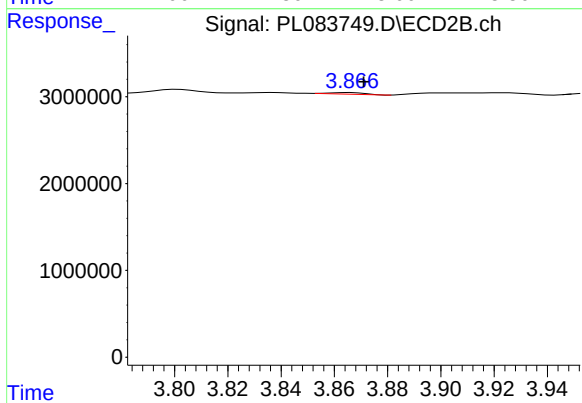
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.530 min  
Response: 0  
Conc: N.D.



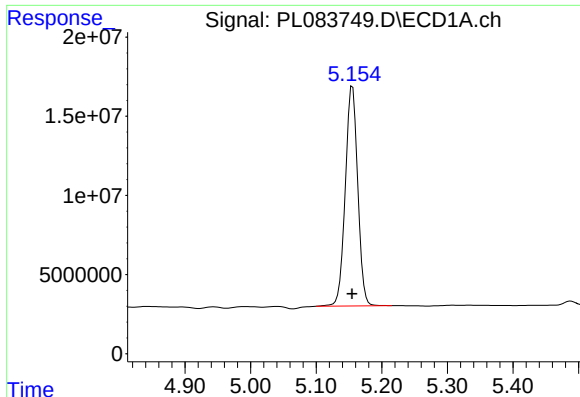
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.812 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

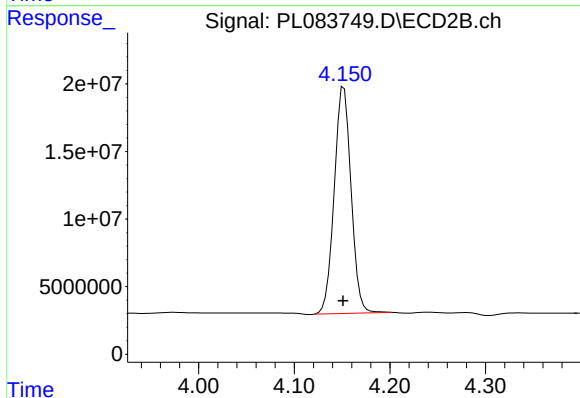
R.T.: 3.865 min  
Delta R.T.: -0.006 min  
Response: 159200  
Conc: 0.04 ng/ml



#5 Aldrin

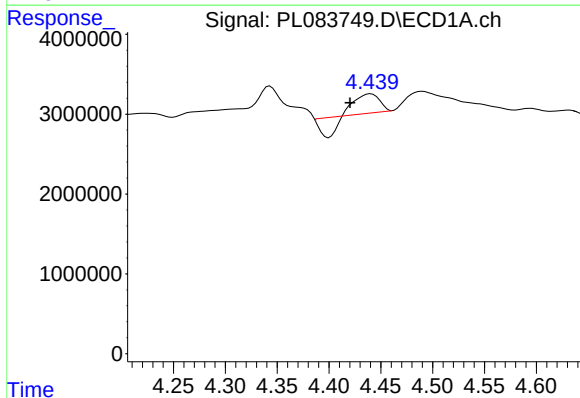
R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 183104571  
Conc: 53.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



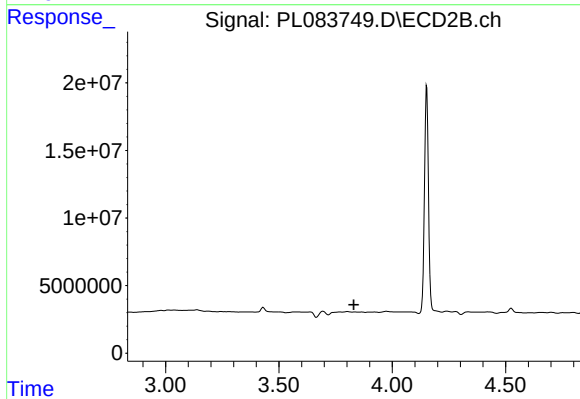
#5 Aldrin

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 204987559  
Conc: 57.31 ng/ml



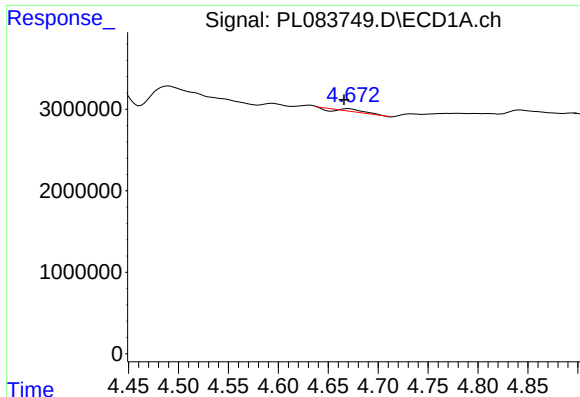
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.020 min  
Response: 1860593  
Conc: 1.24 ng/ml



#6 beta-BHC

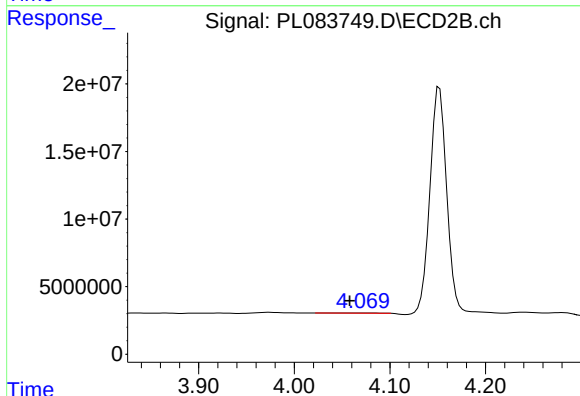
R.T.: 3.837 min  
Delta R.T.: 0.007 min  
Response: -227344  
Conc: N.D.



#7 delta-BHC

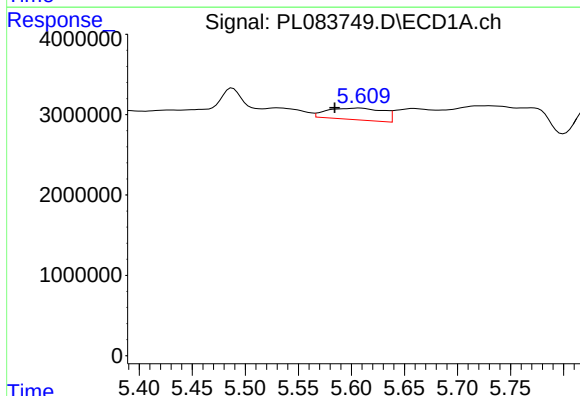
R.T.: 4.670 min  
Delta R.T.: 0.005 min  
Response: 392528  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



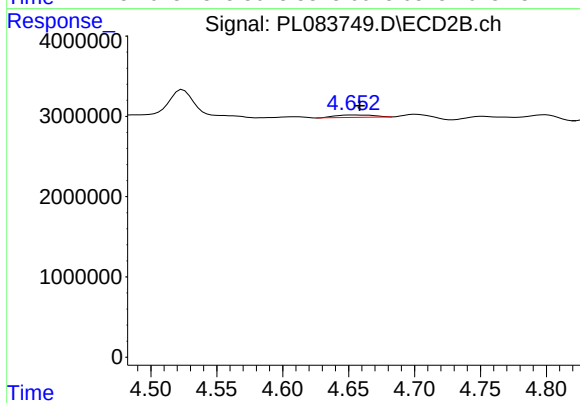
#7 delta-BHC

R.T.: 4.062 min  
Delta R.T.: 0.004 min  
Response: 525167  
Conc: 0.14 ng/ml



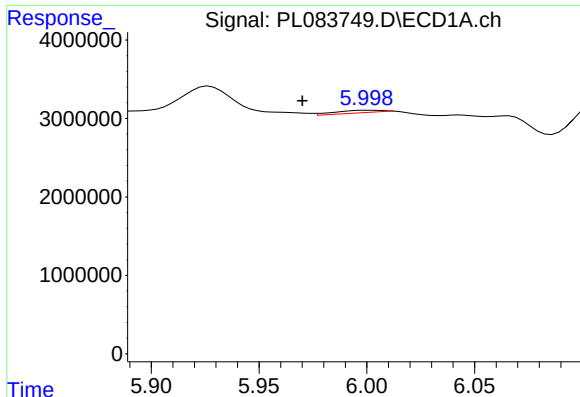
#8 Heptachlor epoxide

R.T.: 5.608 min  
Delta R.T.: 0.023 min  
Response: 5280119  
Conc: 1.56 ng/ml



#8 Heptachlor epoxide

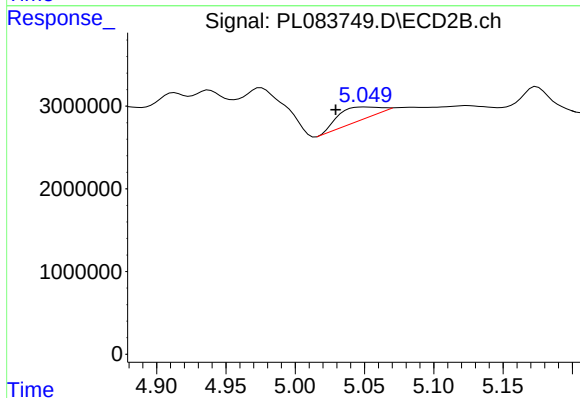
R.T.: 4.654 min  
Delta R.T.: -0.005 min  
Response: 604767  
Conc: 0.18 ng/ml



#9 Endosulfan I

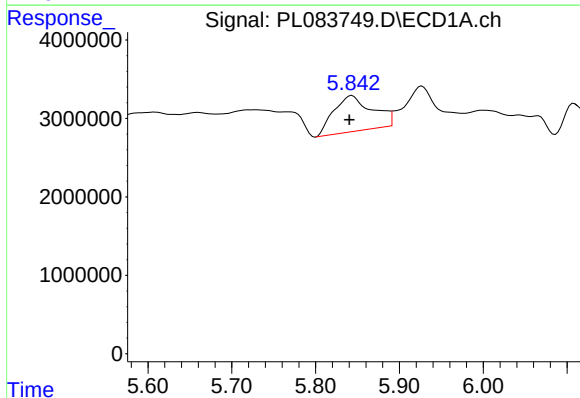
R.T.: 6.000 min  
Delta R.T.: 0.030 min  
Response: 499898  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



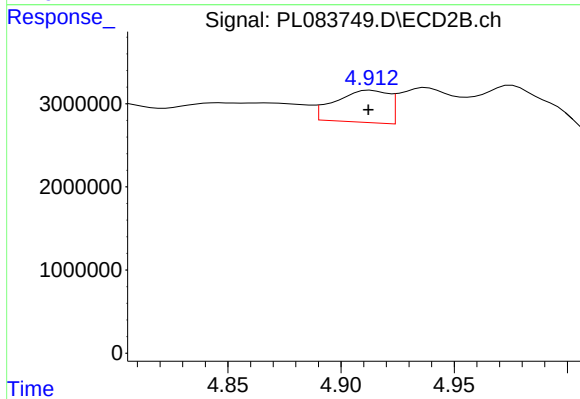
#9 Endosulfan I

R.T.: 5.051 min  
Delta R.T.: 0.021 min  
Response: 3150116  
Conc: 1.02 ng/ml



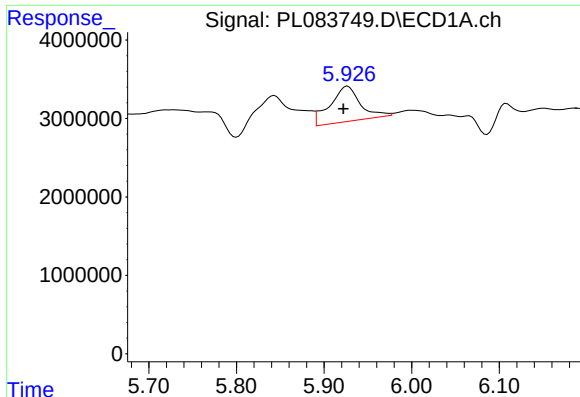
#10 gamma-Chlordane

R.T.: 5.843 min  
Delta R.T.: 0.003 min  
Response: 14519880  
Conc: 4.31 ng/ml



#10 gamma-Chlordane

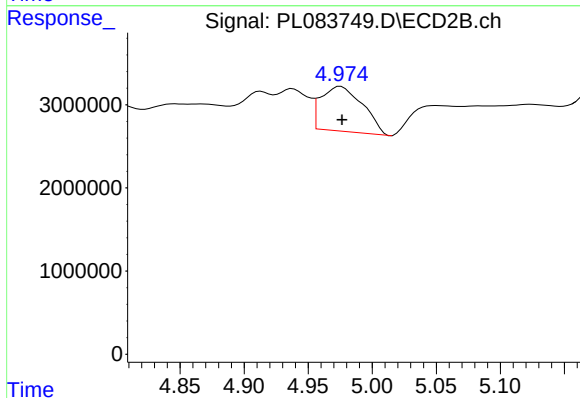
R.T.: 4.913 min  
Delta R.T.: 0.001 min  
Response: 6314666  
Conc: 1.85 ng/ml



#11 alpha-Chlordane

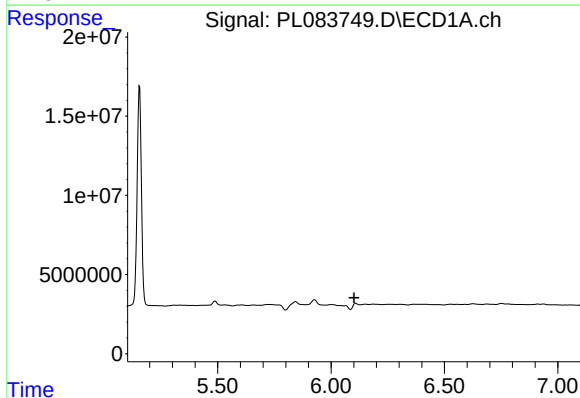
R.T.: 5.927 min  
Delta R.T.: 0.005 min  
Response: 10807384  
Conc: 3.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



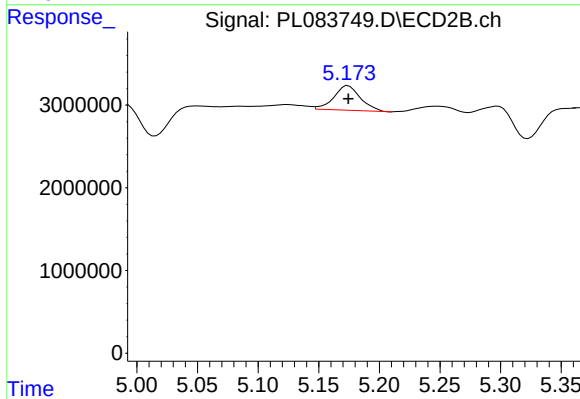
#11 alpha-Chlordane

R.T.: 4.975 min  
Delta R.T.: -0.001 min  
Response: 12201051  
Conc: 3.60 ng/ml



#12 4,4'-DDE

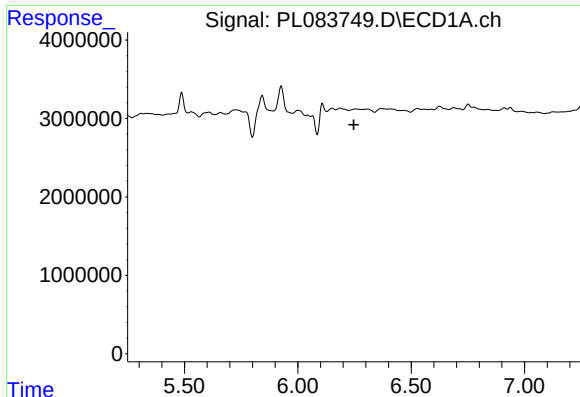
R.T.: 6.108 min  
Delta R.T.: 0.006 min  
Response: -1426302  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.174 min  
Delta R.T.: 0.000 min  
Response: 4497607  
Conc: 1.61 ng/ml

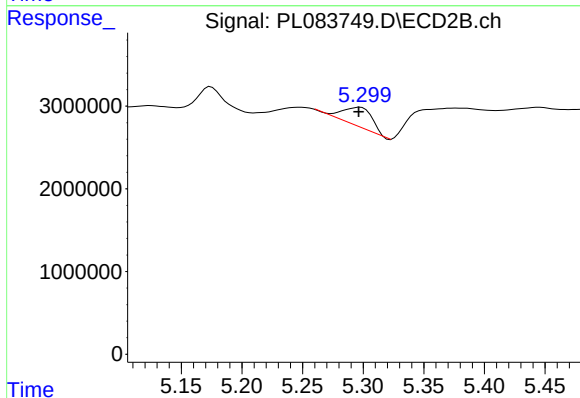




#13 Dieldrin

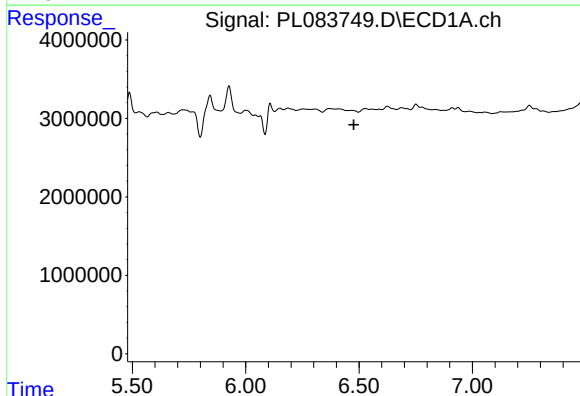
R.T.: 6.256 min  
Delta R.T.: 0.009 min  
Response: -112409  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



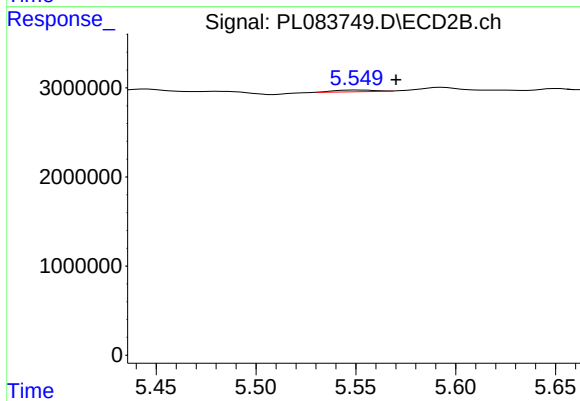
#13 Dieldrin

R.T.: 5.297 min  
Delta R.T.: 0.000 min  
Response: 3955216  
Conc: 1.25 ng/ml



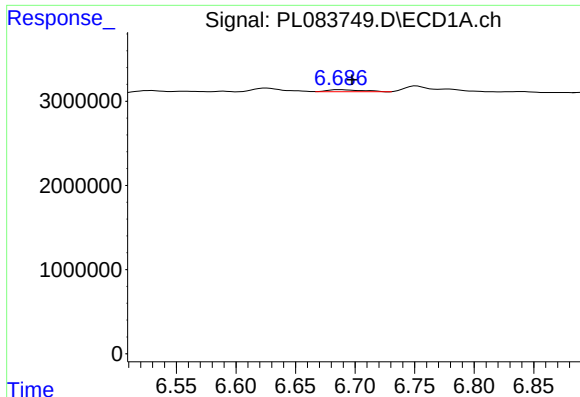
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.477 min  
Response: 0  
Conc: N.D.



#14 Endrin

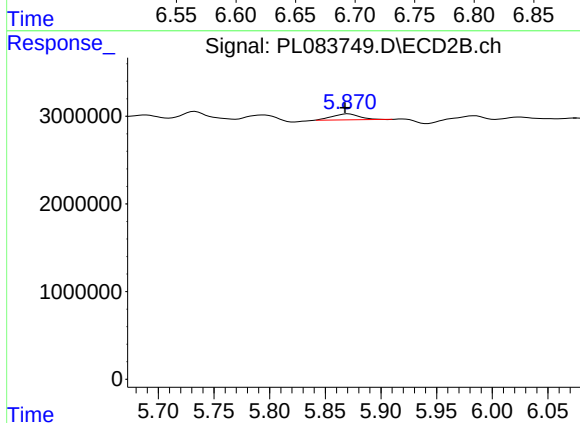
R.T.: 5.551 min  
Delta R.T.: -0.019 min  
Response: 294843  
Conc: 0.11 ng/ml



#15 Endosulfan II

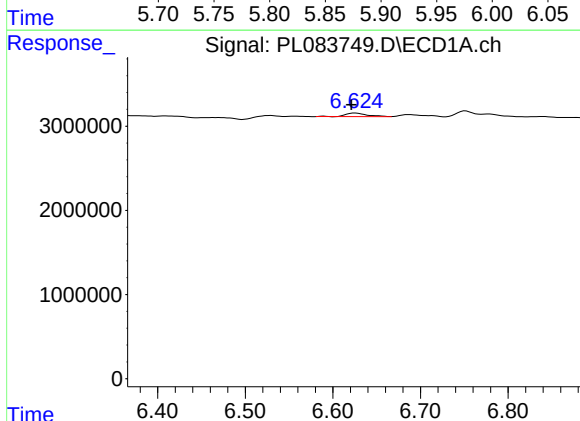
R.T.: 6.687 min  
Delta R.T.: -0.010 min  
Response: 462417  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



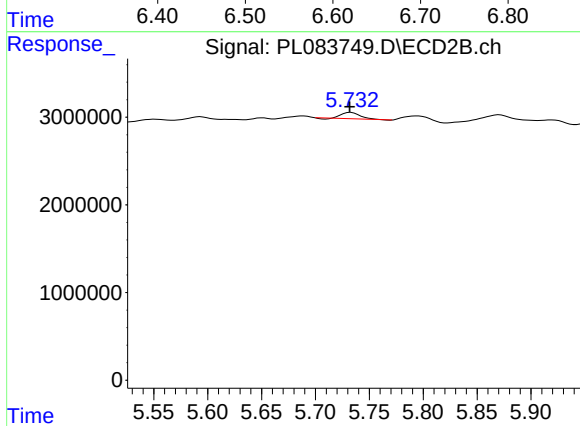
#15 Endosulfan II

R.T.: 5.871 min  
Delta R.T.: 0.003 min  
Response: 1149011  
Conc: 0.45 ng/ml



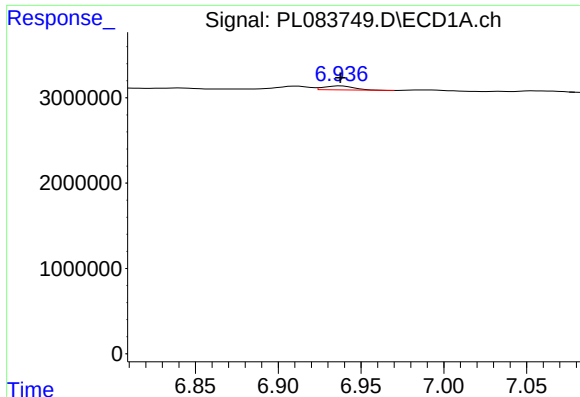
#16 4,4'-DDD

R.T.: 6.626 min  
Delta R.T.: 0.005 min  
Response: 682719  
Conc: 0.32 ng/ml



#16 4,4'-DDD

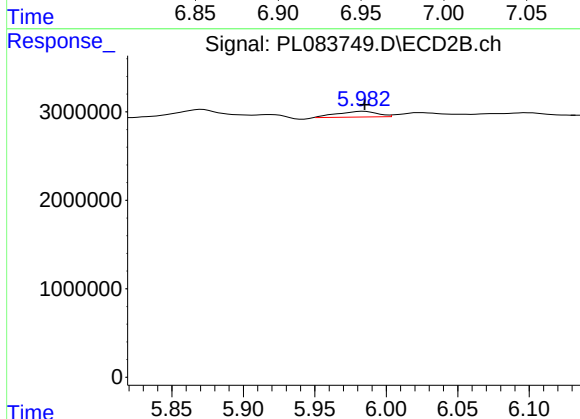
R.T.: 5.733 min  
Delta R.T.: 0.000 min  
Response: 778273  
Conc: 0.36 ng/ml



#17 4,4'-DDT

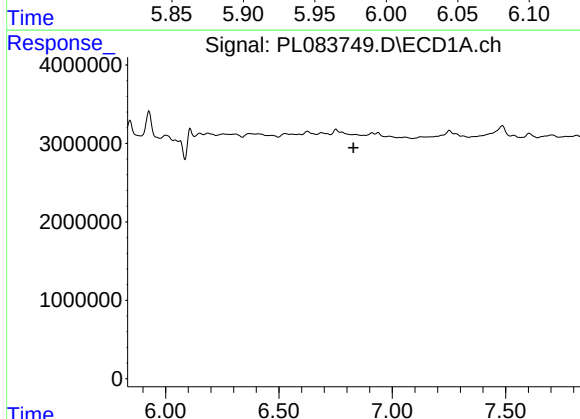
R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 590457  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



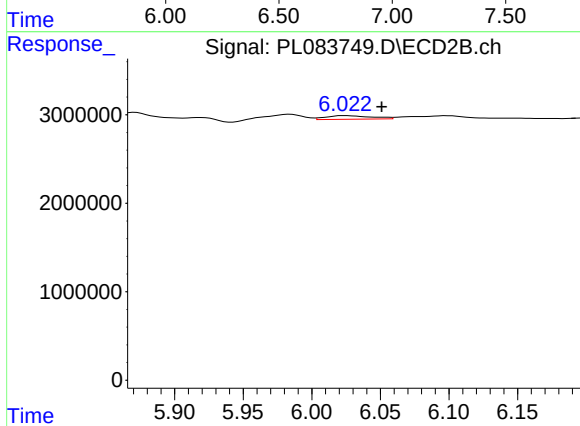
#17 4,4'-DDT

R.T.: 5.984 min  
Delta R.T.: 0.000 min  
Response: 1256410  
Conc: 0.51 ng/ml



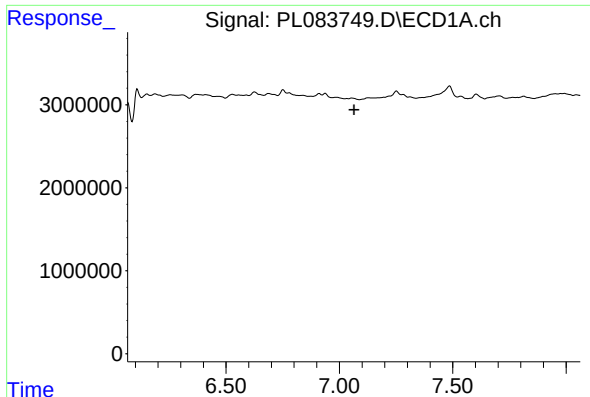
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.830 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

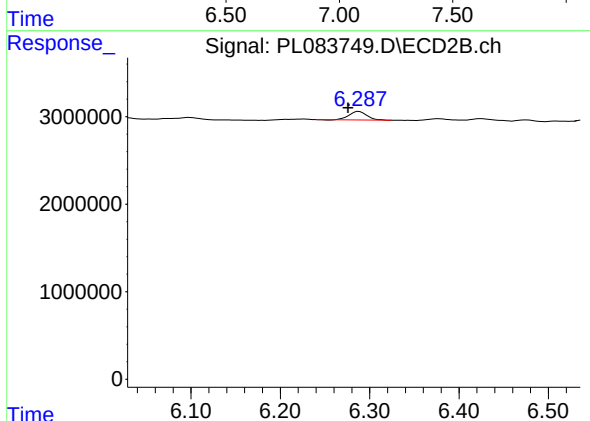
R.T.: 6.024 min  
Delta R.T.: -0.027 min  
Response: 938489  
Conc: 0.46 ng/ml



#19 Endosulfan Sulfate

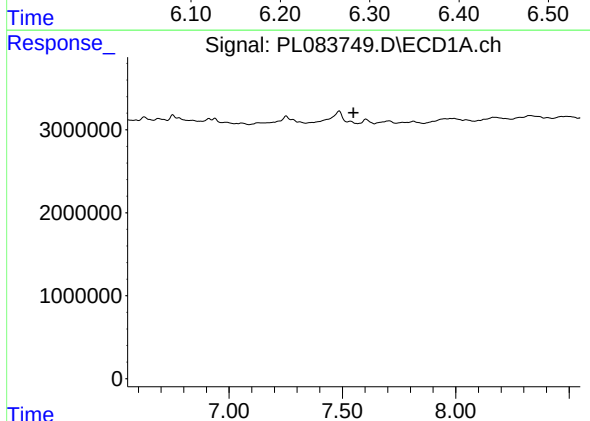
R.T.: 0.000 min  
Exp R.T.: 7.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



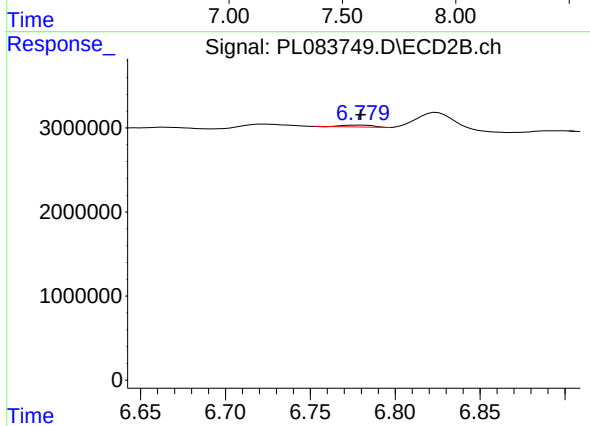
#19 Endosulfan Sulfate

R.T.: 6.288 min  
Delta R.T.: 0.012 min  
Response: 1328670  
Conc: 0.51 ng/ml



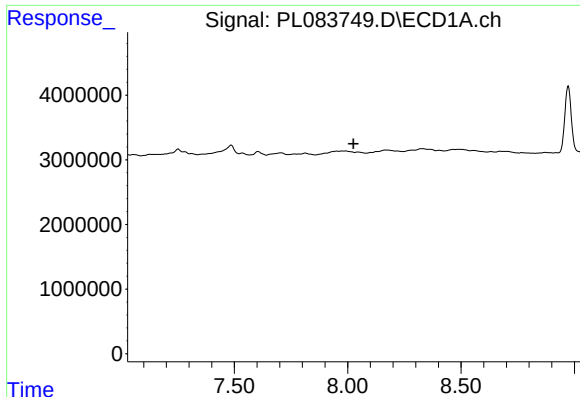
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.549 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

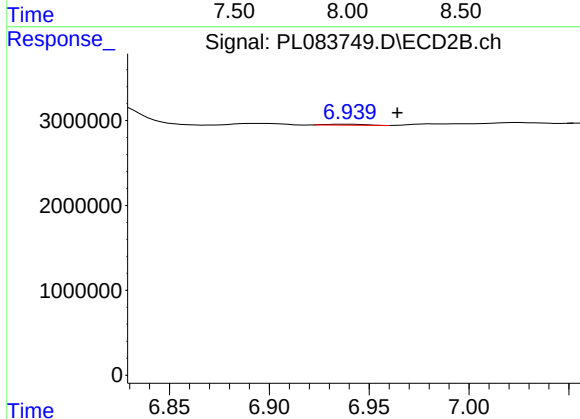
R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 279519  
Conc: 0.10 ng/ml



#22 Mirex

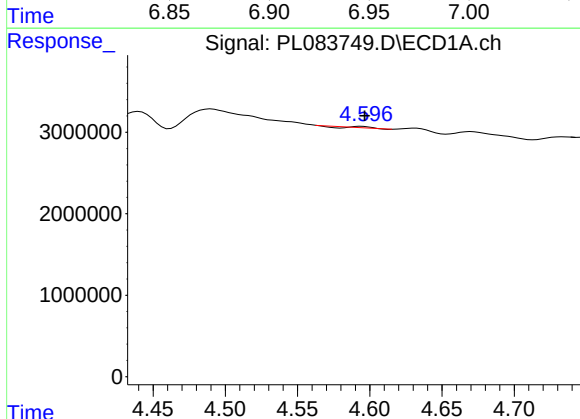
R.T.: 0.000 min  
Exp R.T.: 8.026 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



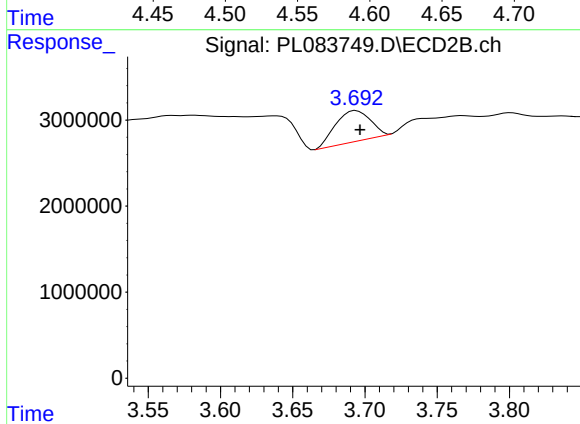
#22 Mirex

R.T.: 6.939 min  
Delta R.T.: -0.025 min  
Response: 148705  
Conc: 0.06 ng/ml



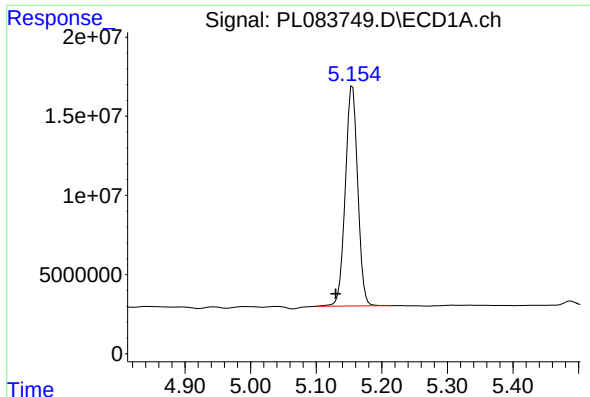
#23 Chlordane-1

R.T.: 4.594 min  
Delta R.T.: -0.002 min  
Response: 56786  
Conc: 0.54 ng/ml



#23 Chlordane-1

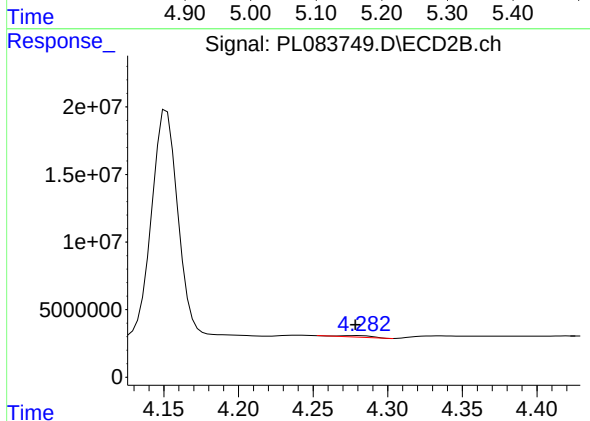
R.T.: 3.694 min  
Delta R.T.: -0.003 min  
Response: 6010214  
Conc: 57.86 ng/ml



#24 Chlordane-2

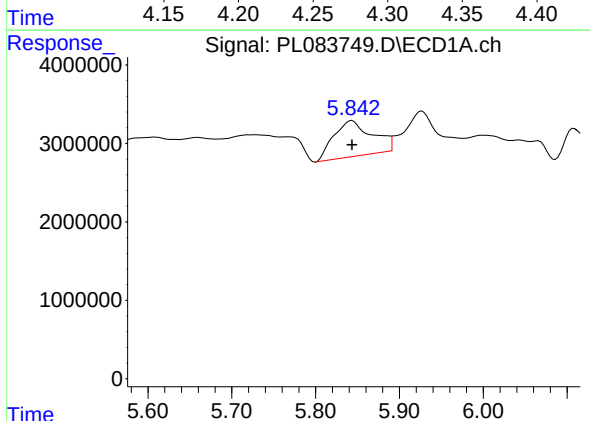
R.T.: 5.155 min  
Delta R.T.: 0.026 min  
Response: 183104571  
Conc: 1577.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



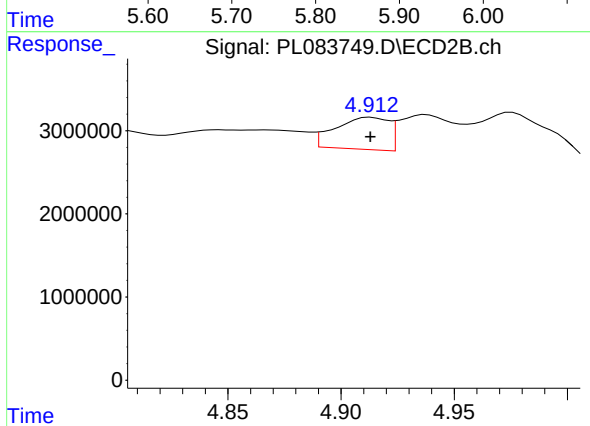
#24 Chlordane-2

R.T.: 4.281 min  
Delta R.T.: 0.002 min  
Response: 1661684  
Conc: 13.95 ng/ml



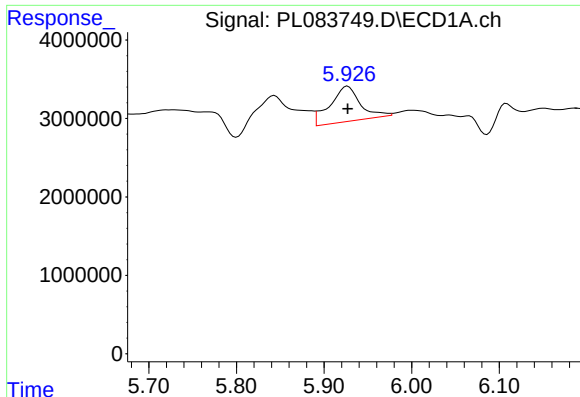
#25 Chlordane-3

R.T.: 5.843 min  
Delta R.T.: 0.000 min  
Response: 14519880  
Conc: 29.99 ng/ml



#25 Chlordane-3

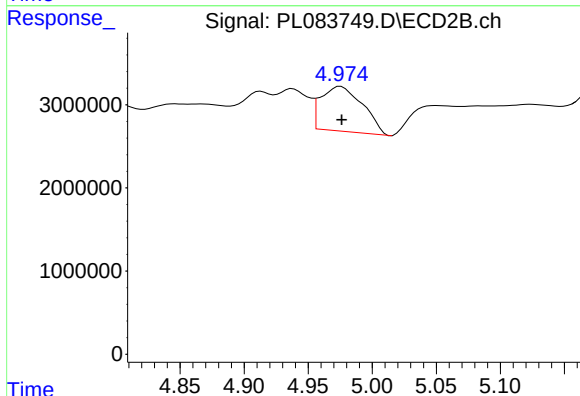
R.T.: 4.913 min  
Delta R.T.: 0.000 min  
Response: 6314666  
Conc: 18.73 ng/ml



#26 Chlordane-4

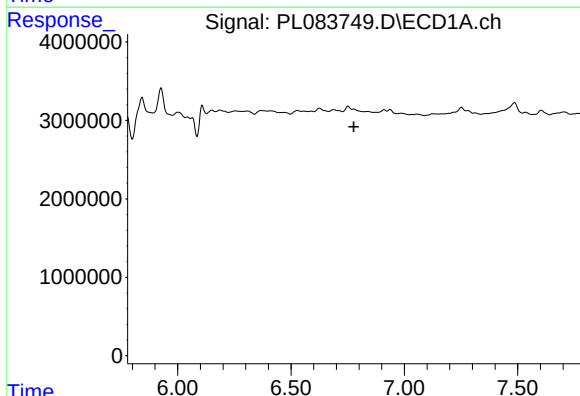
R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 10807384  
Conc: 18.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



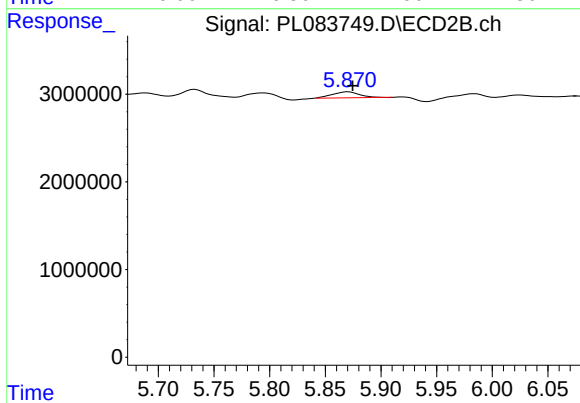
#26 Chlordane-4

R.T.: 4.975 min  
Delta R.T.: 0.000 min  
Response: 12201051  
Conc: 34.59 ng/ml



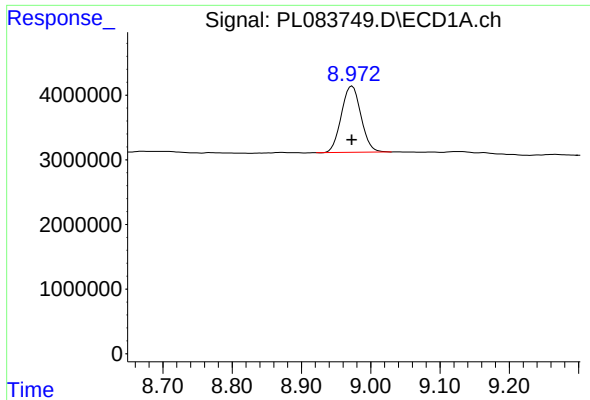
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.777 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

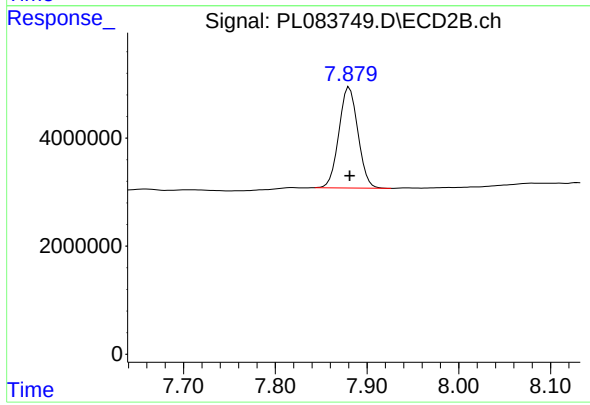
R.T.: 5.871 min  
Delta R.T.: -0.004 min  
Response: 1149011  
Conc: 11.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: 0.000 min  
Response: 20168615  
Conc: 11.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-062623



#28 Decachlorobiphenyl

R.T.: 7.881 min  
Delta R.T.: 0.000 min  
Response: 26901263  
Conc: 10.88 ng/ml