

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112024\  
 Data File : PL093182.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2024 14:11  
 Operator : AR\AJ  
 Sample : P4925-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MH-741

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 23:13:42 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... | 3.534  | 2.773  | 212.1E6  | 143.2E6  | 86.576  | 52.642 #  |
| 28)                         | SA Decachlor... | 9.053  | 7.913  | 33436867 | 51369765 | 17.374  | 18.822    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.284  | 0        | 8502562  | N.D.    | 2.131 #   |
| 4)                          | MA Heptachlor   | 4.910  | 3.967f | 14017910 | 14507721 | 4.668   | 3.844     |
| 5)                          | MB Aldrin       | 5.233f | 4.207f | 2547891  | 10279048 | 0.849   | 2.808 #   |
| 6)                          | B beta-BHC      | 4.546f | 3.923  | 15812239 | 40465994 | 10.939  | 24.581 #  |
| 7)                          | B delta-BHC     | 4.759  | 4.135  | 8336262  | 2706606  | 2.663   | 0.704 #   |
| 8)                          | B Heptachlo...  | 5.699  | 4.725  | -1570669 | 23938470 | N.D.    | 7.164     |
| 9)                          | A Endosulfan I  | 6.062  | 5.078f | 3240558  | 7779135  | 1.296   | 2.548 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 4.973  | 0        | 1667781  | N.D.    | 0.496 #   |
| 11)                         | B alpha-Chl...  | 0.000  | 5.034  | 0        | 5107377  | N.D.    | 1.536 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.231  | 0        | 5236406  | N.D.    | 1.625 #   |
| 13)                         | MA Dieldrin     | 6.339  | 5.357  | 2899414  | 18570782 | 1.100   | 5.560 #   |
| 14)                         | MA Endrin       | 0.000  | 5.636  | 0        | 5676672  | N.D.    | 1.962 #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.945  | 0        | 5893078  | N.D.    | 2.080 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.782  | 0        | 5522776  | N.D.    | 2.218 #   |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.033  | 12528289 | 2399671  | 6.053   | 0.895 #   |
| 18)                         | B Endrin al...  | 6.910  | 6.132f | 2861056  | -49583   | 1.523   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.663f | 0.000  | 3731839  | 0        | 1.540   | N.D. #    |
| 22)                         | Mirex           | 0.000  | 7.024  | 0        | 2307782  | N.D.    | 0.885 #   |
| 23)                         | Chlordane-1     | 4.702  | 3.779  | 12342734 | 49570802 | 112.217 | 466.970 # |
| 24)                         | Chlordane-2     | 5.233  | 4.345  | 2547891  | 17360544 | 22.230  | 140.171 # |
| 25)                         | Chlordane-3     | 0.000  | 4.973  | 0        | 1667781  | N.D.    | 4.598 #   |
| 26)                         | Chlordane-4     | 0.000  | 5.034  | 0        | 5107377  | N.D.    | 14.600 #  |
| 27)                         | Chlordane-5     | 6.876  | 5.945  | 9293663  | 5893078  | 98.179  | 46.472 #  |
| -----                       |                 |        |        |          |          |         |           |

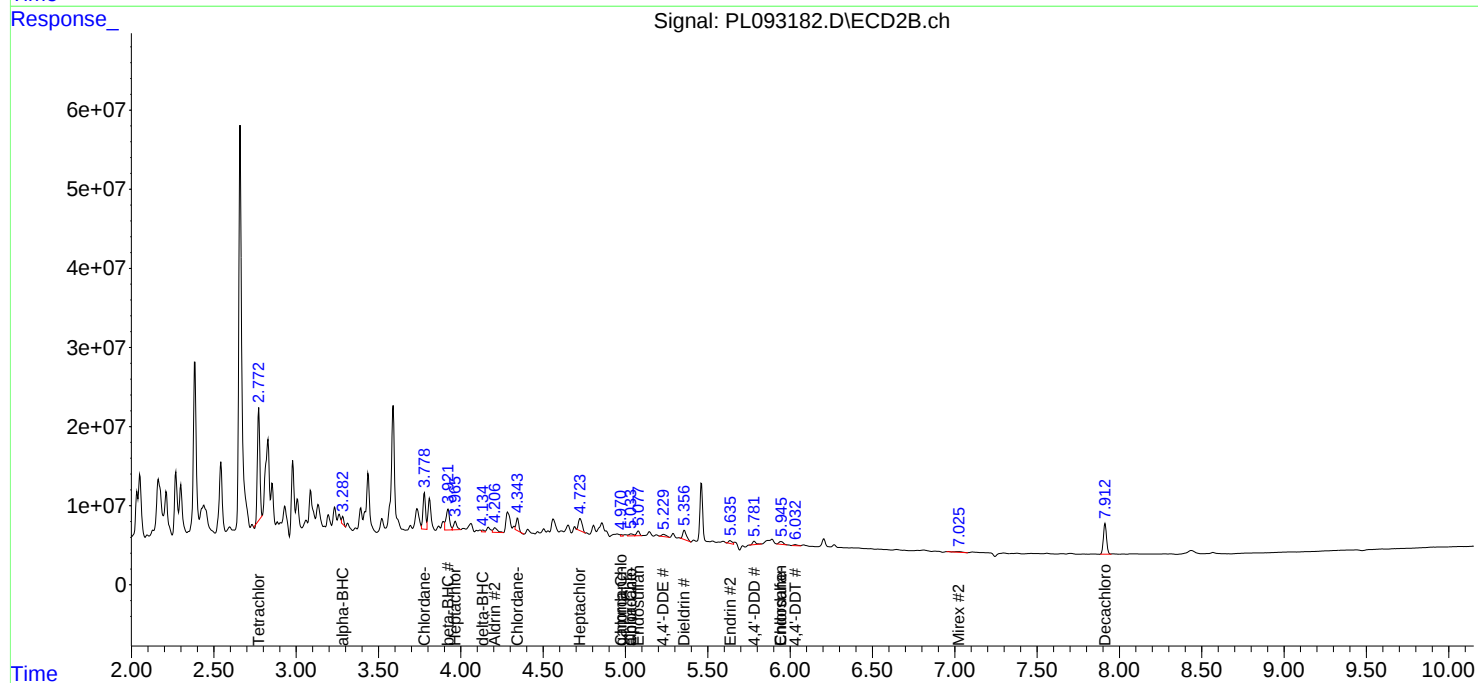
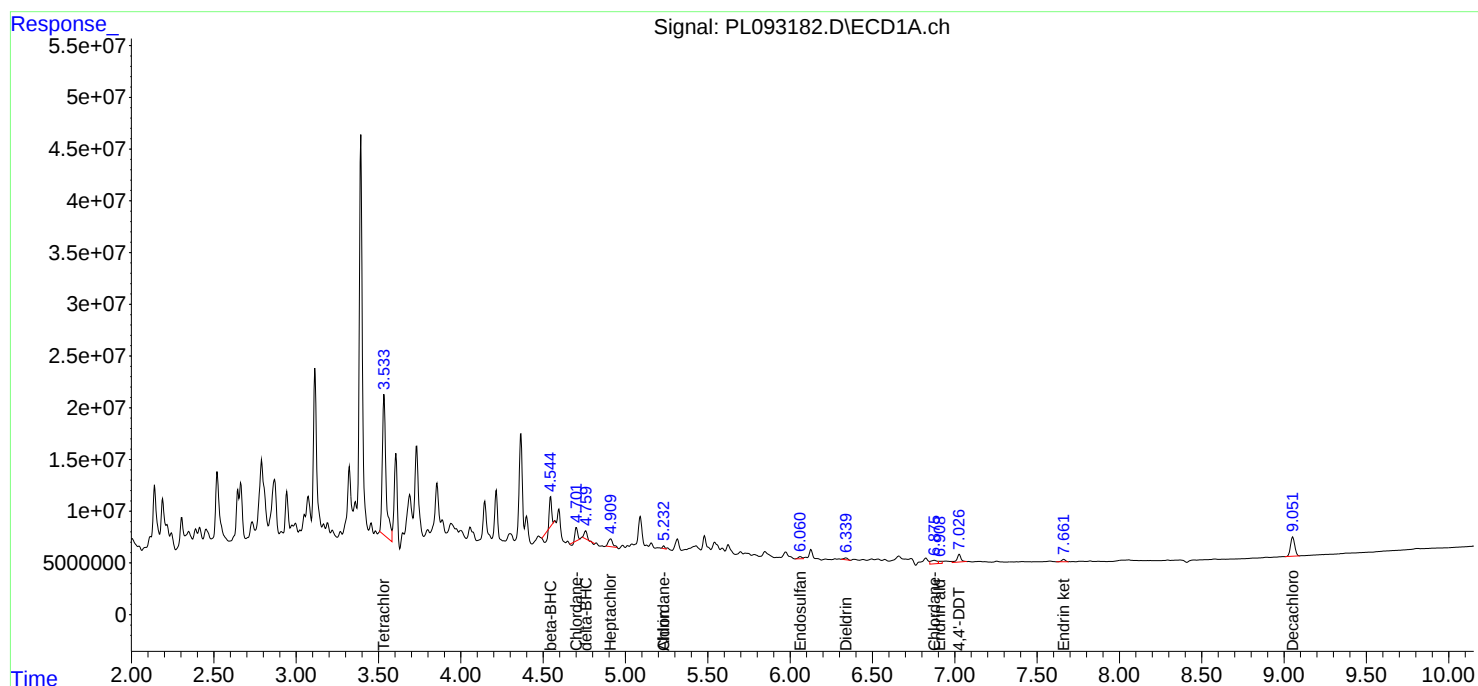
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

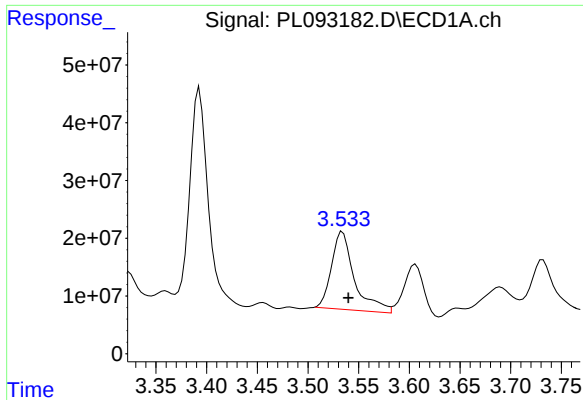
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112024\  
Data File : PL093182.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2024 14:11  
Operator : AR\AJ  
Sample : P4925-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 23:13:42 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

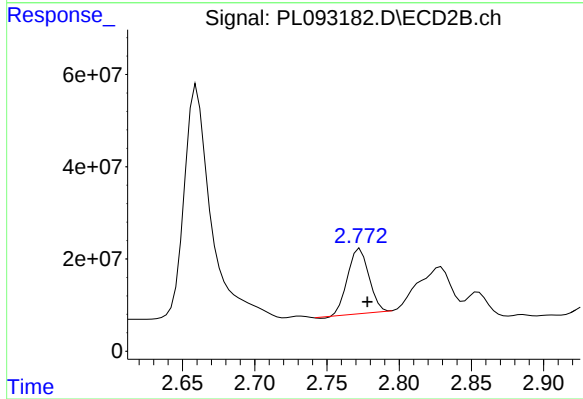




#1 Tetrachloro-m-xylene

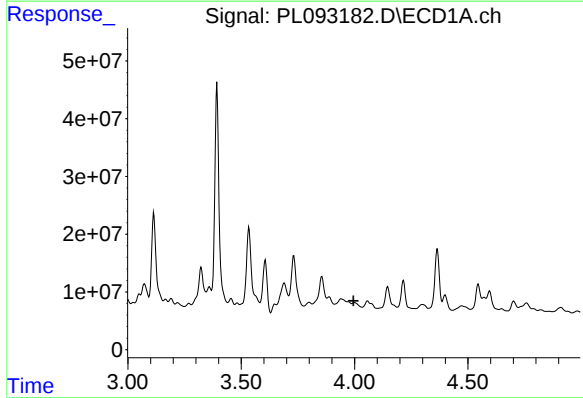
R.T.: 3.534 min  
Delta R.T.: -0.006 min  
Response: 212130901  
Conc: 86.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



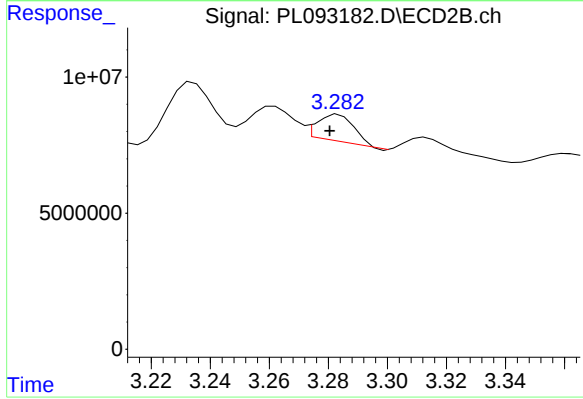
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.005 min  
Response: 143248697  
Conc: 52.64 ng/ml



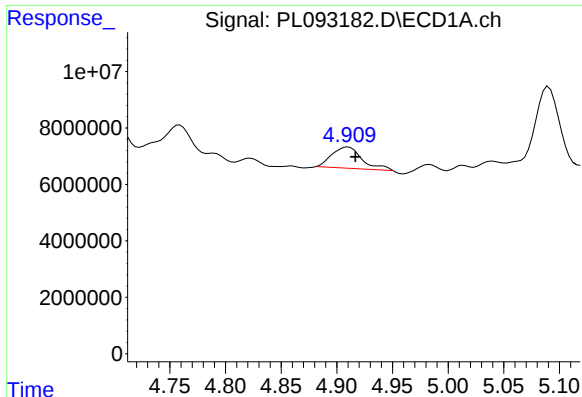
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.996 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

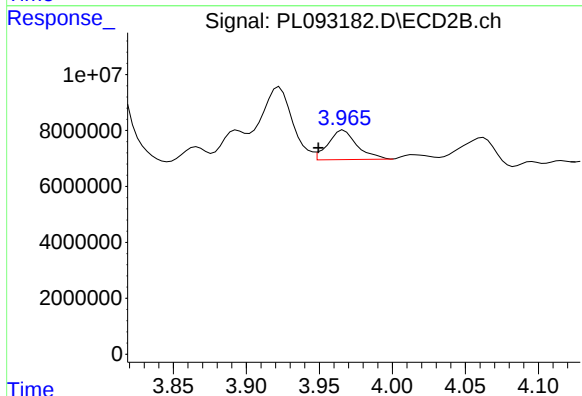
R.T.: 3.284 min  
Delta R.T.: 0.003 min  
Response: 8502562  
Conc: 2.13 ng/ml



#4 Heptachlor

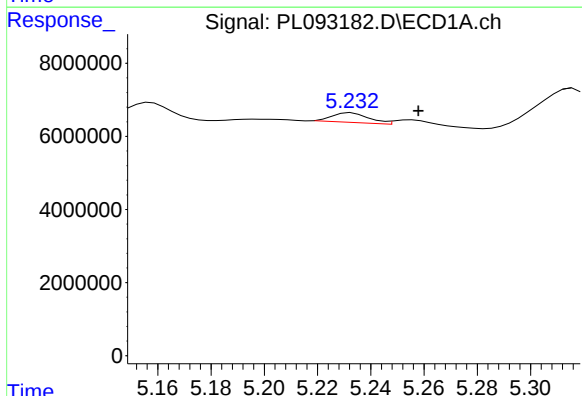
R.T.: 4.910 min  
Delta R.T.: -0.006 min  
Response: 14017910  
Conc: 4.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



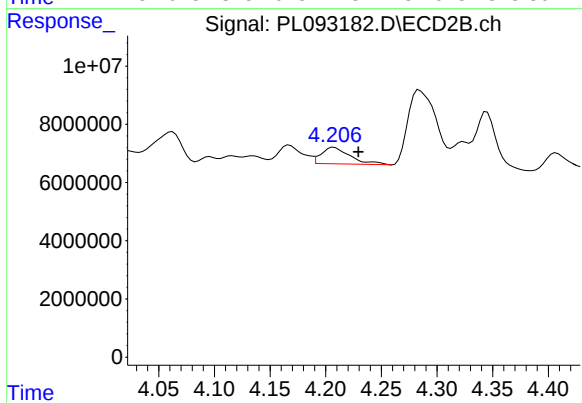
#4 Heptachlor

R.T.: 3.967 min  
Delta R.T.: 0.017 min  
Response: 14507721  
Conc: 3.84 ng/ml



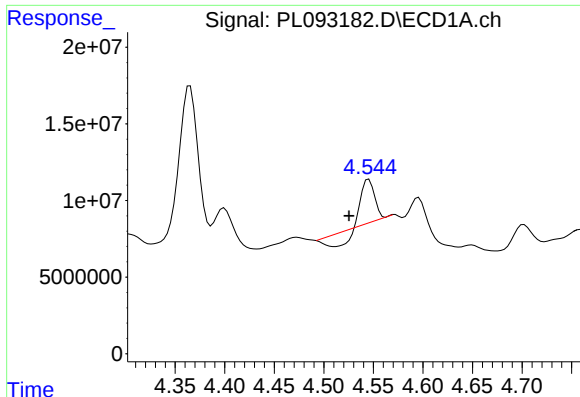
#5 Aldrin

R.T.: 5.233 min  
Delta R.T.: -0.025 min  
Response: 2547891  
Conc: 0.85 ng/ml



#5 Aldrin

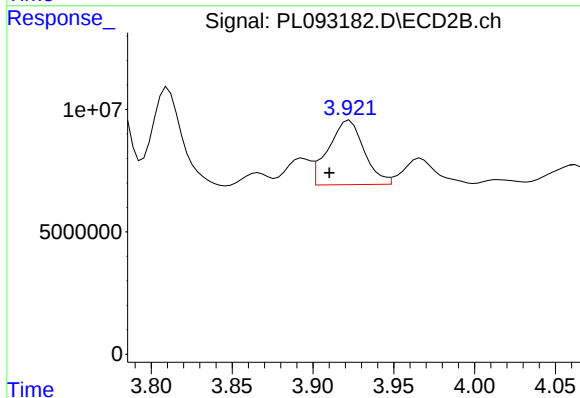
R.T.: 4.207 min  
Delta R.T.: -0.022 min  
Response: 10279048  
Conc: 2.81 ng/ml



#6 beta-BHC

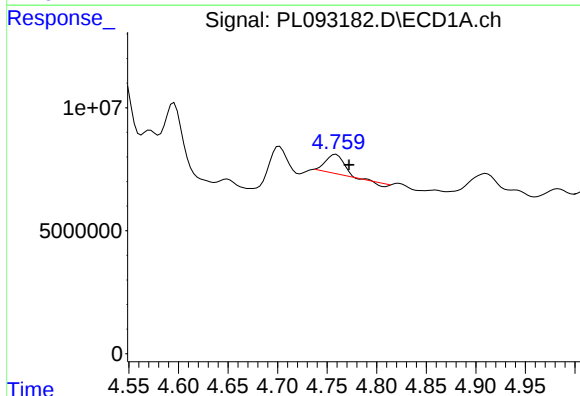
R.T.: 4.546 min  
Delta R.T.: 0.020 min  
Response: 15812239  
Conc: 10.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



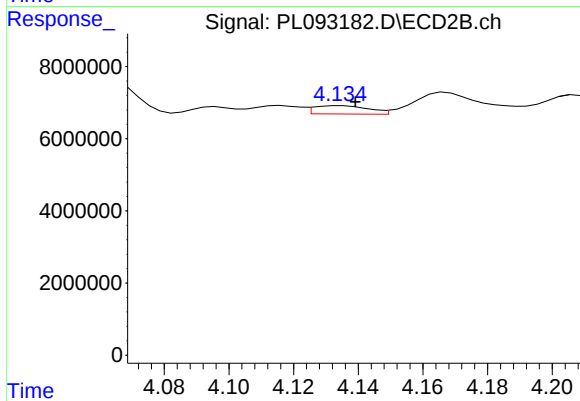
#6 beta-BHC

R.T.: 3.923 min  
Delta R.T.: 0.012 min  
Response: 40465994  
Conc: 24.58 ng/ml



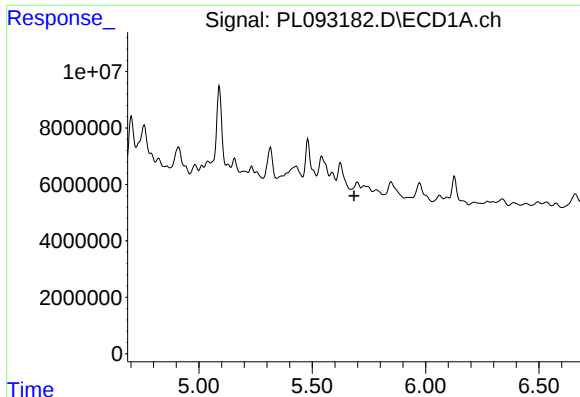
#7 delta-BHC

R.T.: 4.759 min  
Delta R.T.: -0.013 min  
Response: 8336262  
Conc: 2.66 ng/ml



#7 delta-BHC

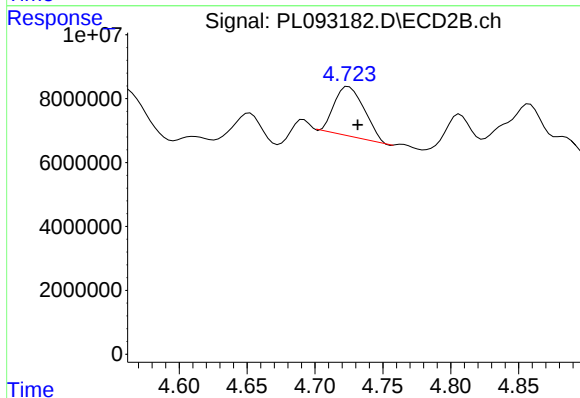
R.T.: 4.135 min  
Delta R.T.: -0.004 min  
Response: 2706606  
Conc: 0.70 ng/ml



#8 Heptachlor epoxide

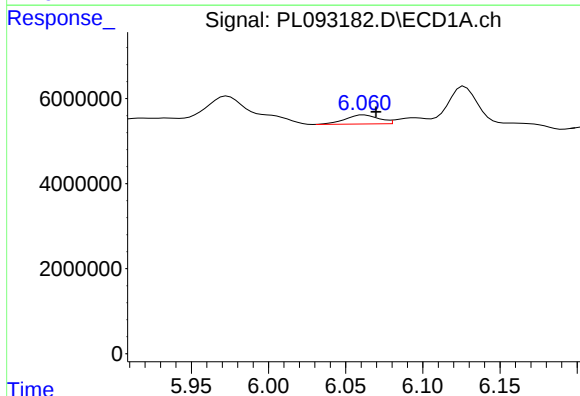
R.T.: 5.699 min  
Delta R.T.: 0.015 min  
Response: -1570669  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



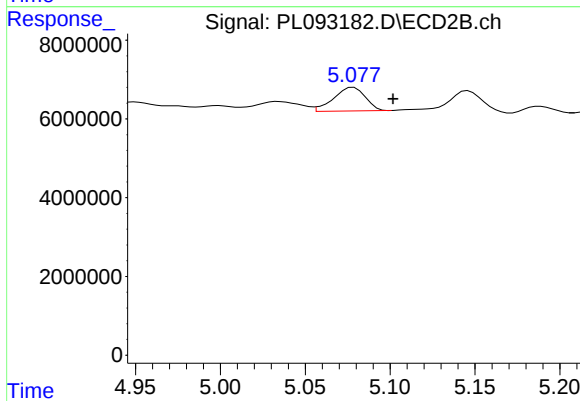
#8 Heptachlor epoxide

R.T.: 4.725 min  
Delta R.T.: -0.007 min  
Response: 23938470  
Conc: 7.16 ng/ml



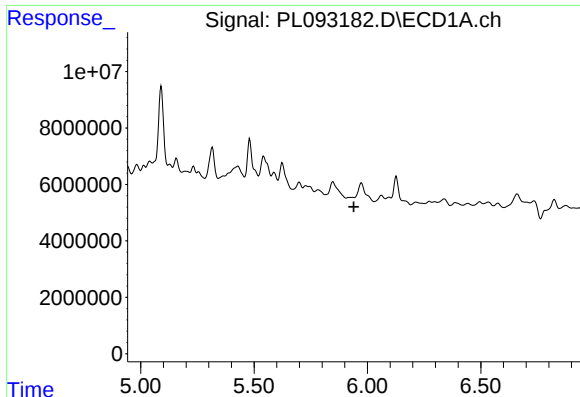
#9 Endosulfan I

R.T.: 6.062 min  
Delta R.T.: -0.008 min  
Response: 3240558  
Conc: 1.30 ng/ml



#9 Endosulfan I

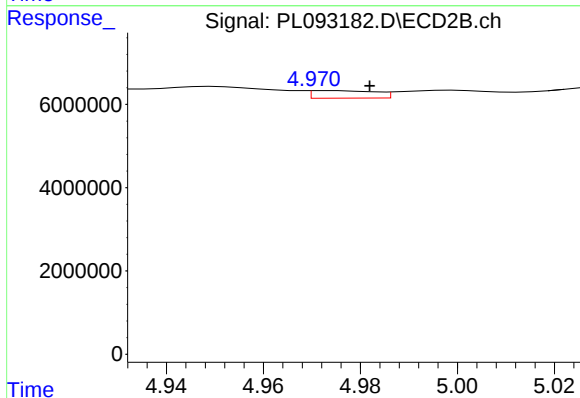
R.T.: 5.078 min  
Delta R.T.: -0.023 min  
Response: 7779135  
Conc: 2.55 ng/ml



#10 gamma-Chlordane

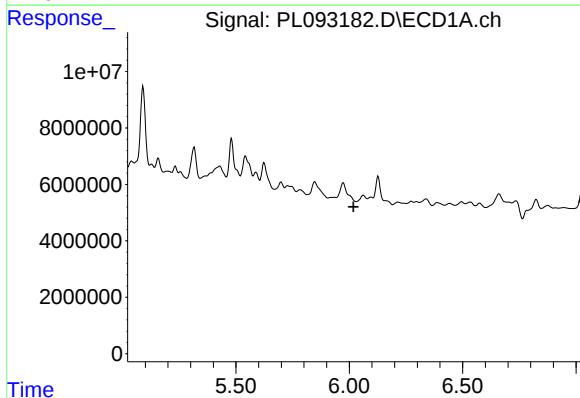
R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



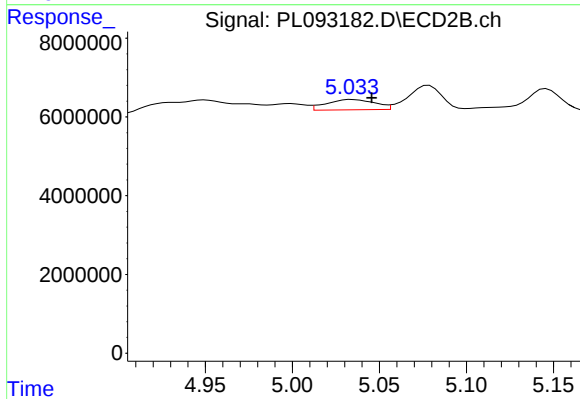
#10 gamma-Chlordane

R.T.: 4.973 min  
Delta R.T.: -0.009 min  
Response: 1667781  
Conc: 0.50 ng/ml



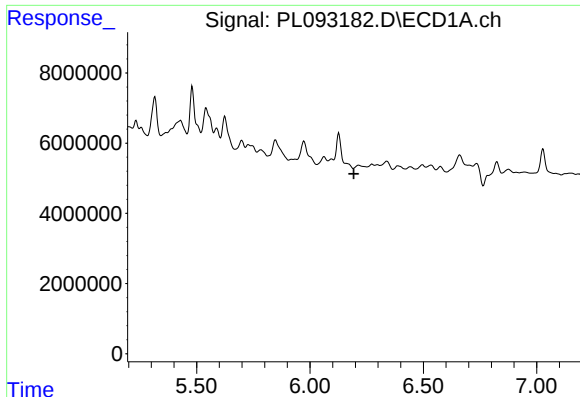
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.019 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

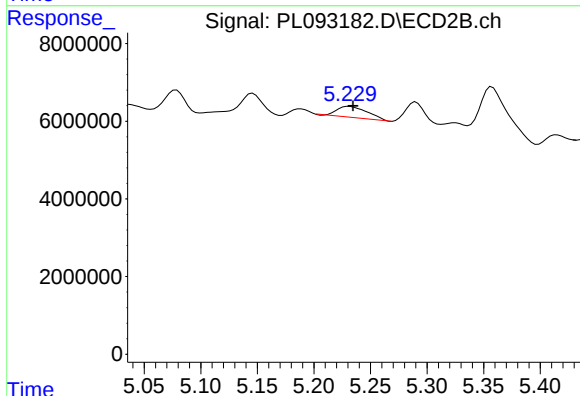
R.T.: 5.034 min  
Delta R.T.: -0.011 min  
Response: 5107377  
Conc: 1.54 ng/ml



#12 4,4'-DDE

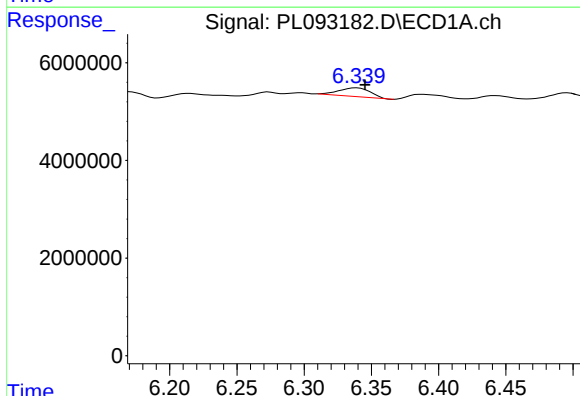
R.T.: 0.000 min  
Exp R.T.: 6.193 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



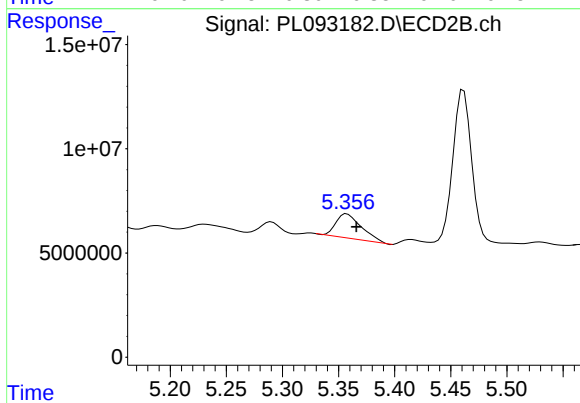
#12 4,4'-DDE

R.T.: 5.231 min  
Delta R.T.: -0.004 min  
Response: 5236406  
Conc: 1.63 ng/ml



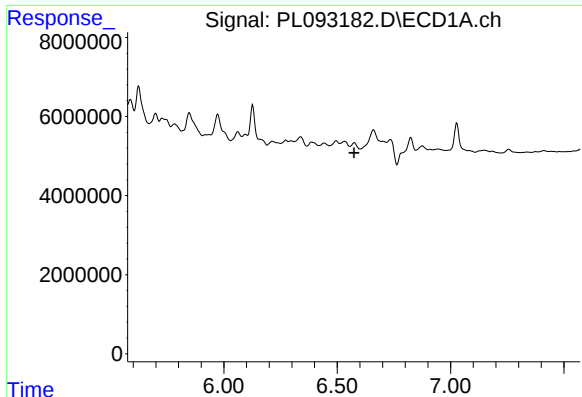
#13 Dieldrin

R.T.: 6.339 min  
Delta R.T.: -0.006 min  
Response: 2899414  
Conc: 1.10 ng/ml



#13 Dieldrin

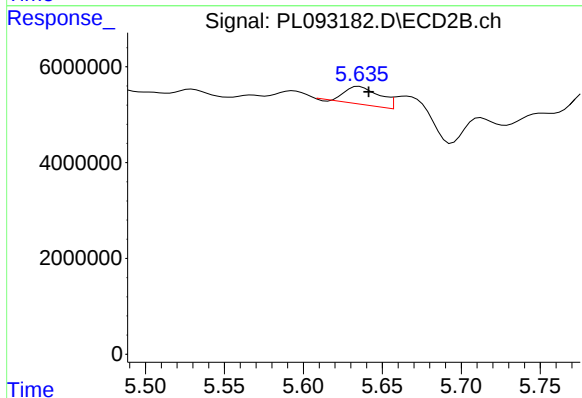
R.T.: 5.357 min  
Delta R.T.: -0.008 min  
Response: 18570782  
Conc: 5.56 ng/ml



#14 Endrin

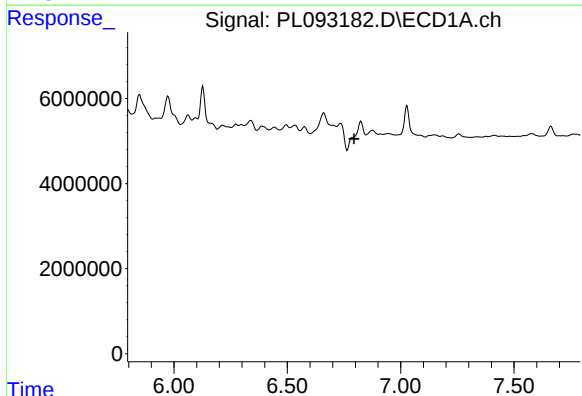
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



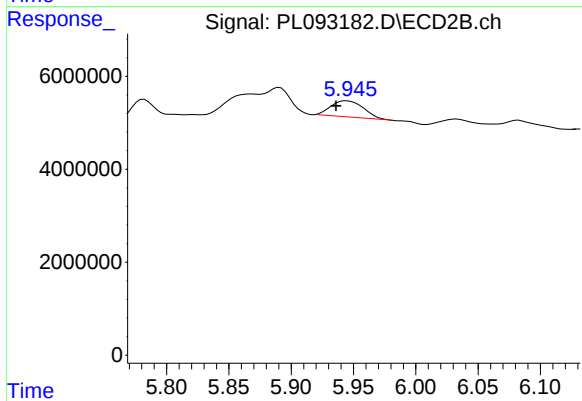
#14 Endrin

R.T.: 5.636 min  
Delta R.T.: -0.006 min  
Response: 5676672  
Conc: 1.96 ng/ml



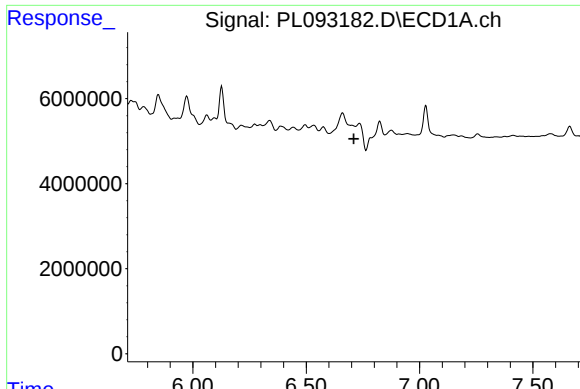
#15 Endosulfan II

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



#15 Endosulfan II

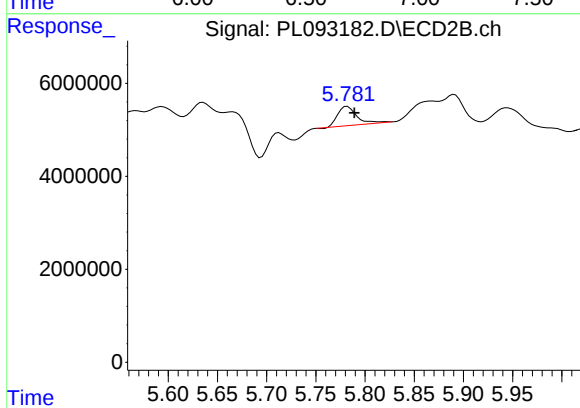
R.T.: 5.945 min  
Delta R.T.: 0.009 min  
Response: 5893078  
Conc: 2.08 ng/ml



#16 4,4'-DDD

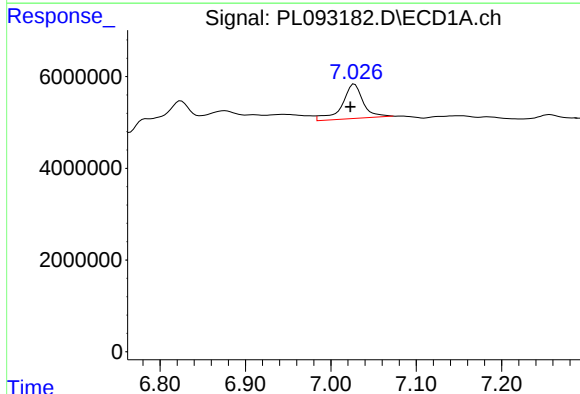
R.T.: 0.000 min  
Exp R.T.: 6.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



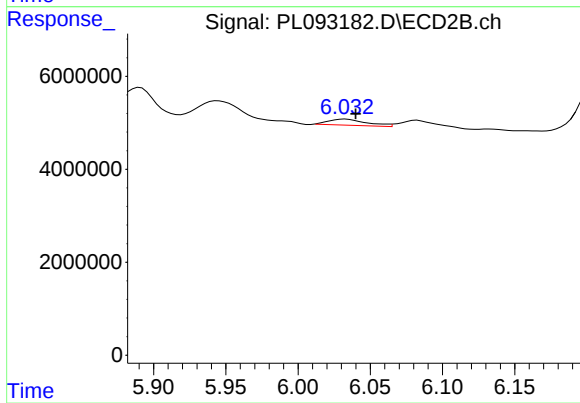
#16 4,4'-DDD

R.T.: 5.782 min  
Delta R.T.: -0.007 min  
Response: 5522776  
Conc: 2.22 ng/ml



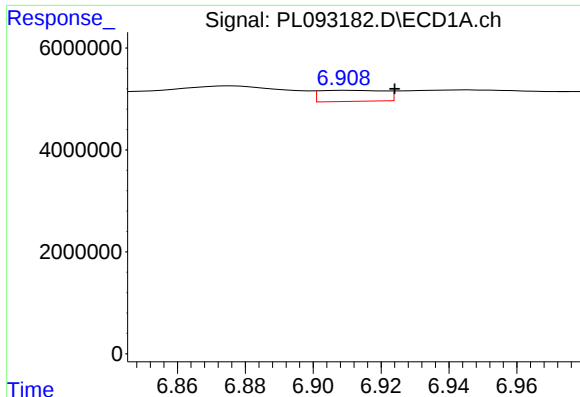
#17 4,4'-DDT

R.T.: 7.028 min  
Delta R.T.: 0.005 min  
Response: 12528289  
Conc: 6.05 ng/ml



#17 4,4'-DDT

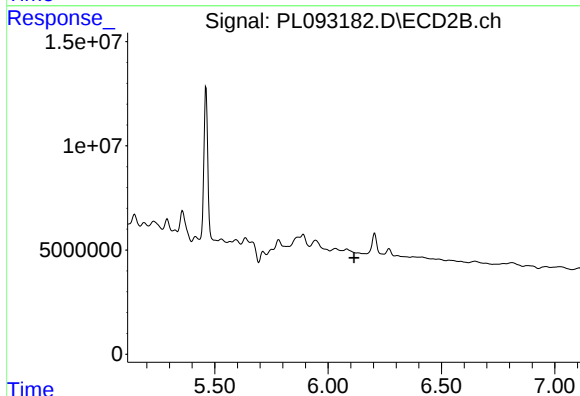
R.T.: 6.033 min  
Delta R.T.: -0.007 min  
Response: 2399671  
Conc: 0.89 ng/ml



#18 Endrin aldehyde

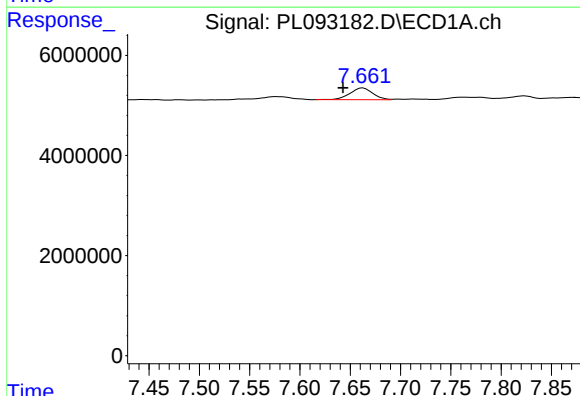
R.T.: 6.910 min  
Delta R.T.: -0.014 min  
Response: 2861056  
Conc: 1.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



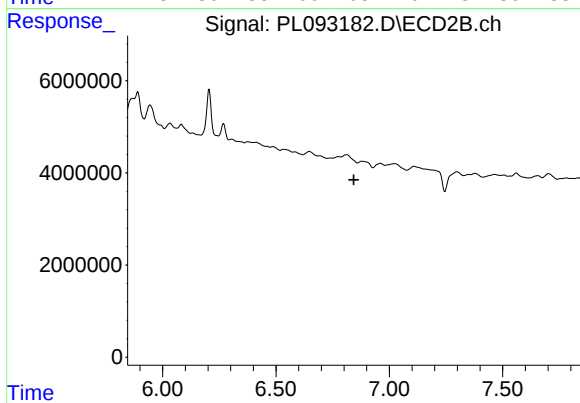
#18 Endrin aldehyde

R.T.: 6.132 min  
Delta R.T.: 0.017 min  
Response: -49583  
Conc: N.D.



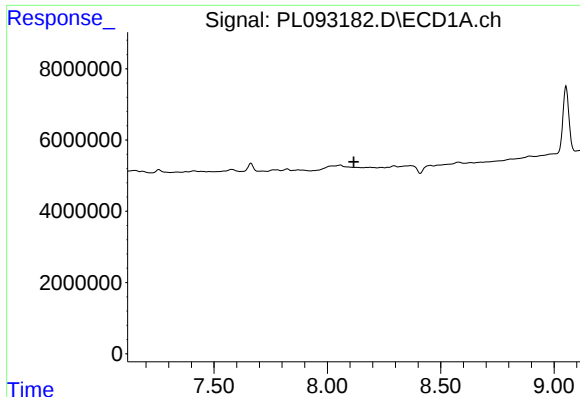
#21 Endrin ketone

R.T.: 7.663 min  
Delta R.T.: 0.020 min  
Response: 3731839  
Conc: 1.54 ng/ml



#21 Endrin ketone

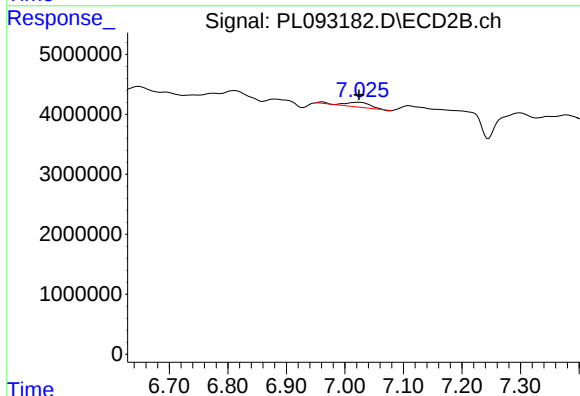
R.T.: 0.000 min  
Exp R.T.: 6.843 min  
Response: 0  
Conc: N.D.



#22 Mirex

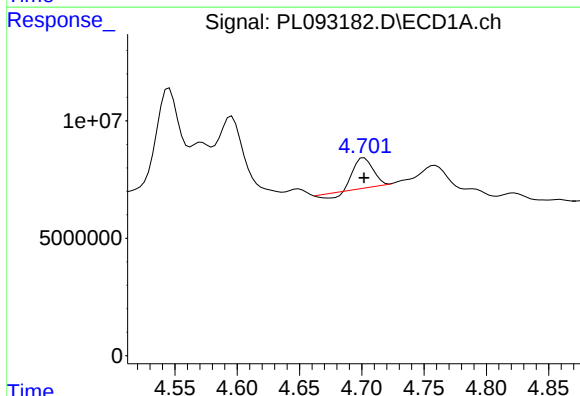
R.T.: 0.000 min  
Exp R.T.: 8.116 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



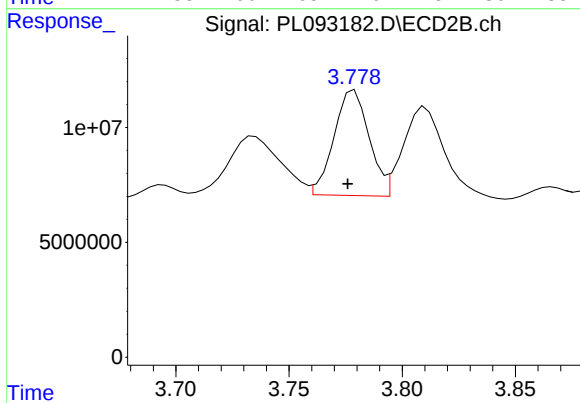
#22 Mirex

R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 2307782  
Conc: 0.88 ng/ml



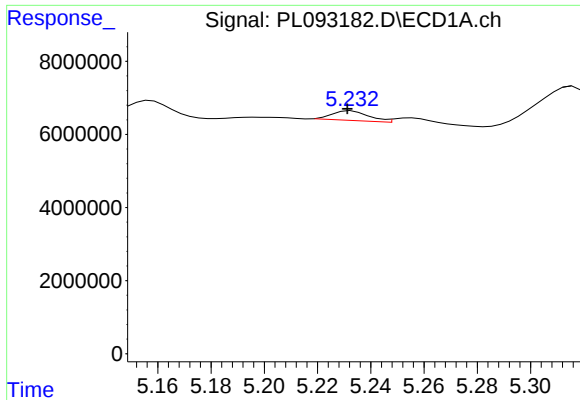
#23 Chlordane-1

R.T.: 4.702 min  
Delta R.T.: 0.000 min  
Response: 12342734  
Conc: 112.22 ng/ml



#23 Chlordane-1

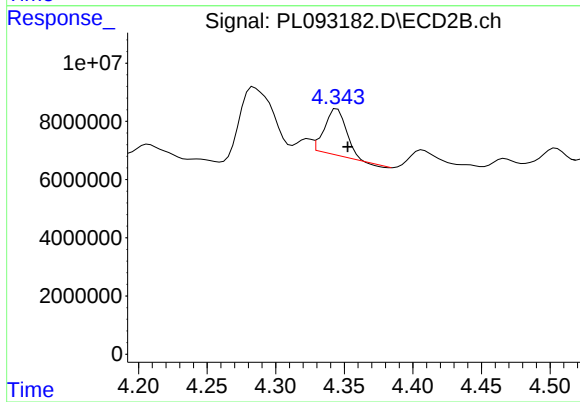
R.T.: 3.779 min  
Delta R.T.: 0.003 min  
Response: 49570802  
Conc: 466.97 ng/ml



#24 Chlordane-2

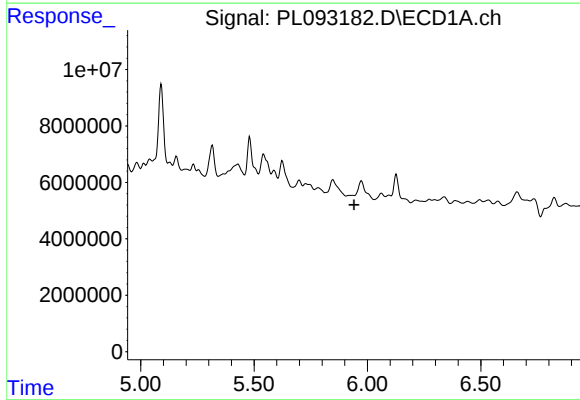
R.T.: 5.233 min  
Delta R.T.: 0.002 min  
Response: 2547891  
Conc: 22.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



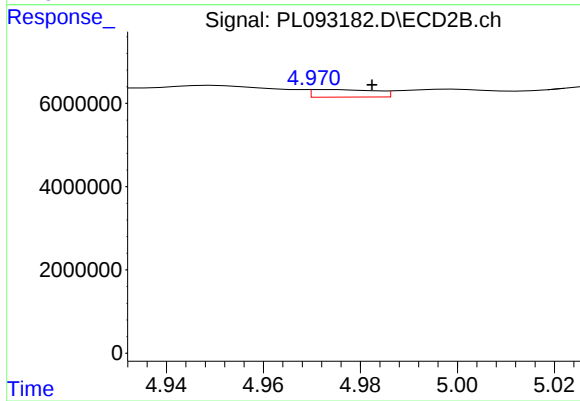
#24 Chlordane-2

R.T.: 4.345 min  
Delta R.T.: -0.008 min  
Response: 17360544  
Conc: 140.17 ng/ml



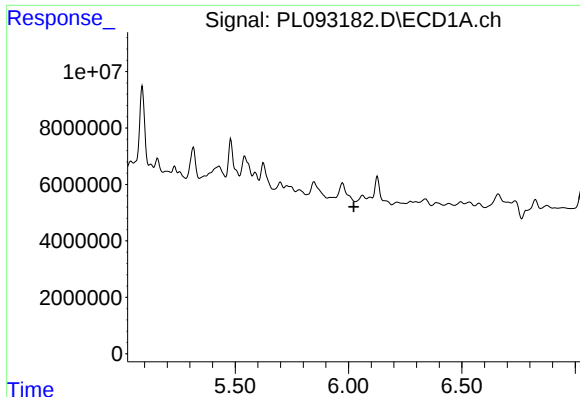
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.941 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

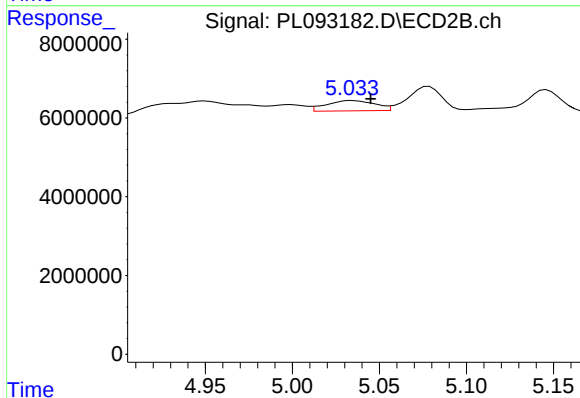
R.T.: 4.973 min  
Delta R.T.: -0.009 min  
Response: 1667781  
Conc: 4.60 ng/ml



#26 Chlordane-4

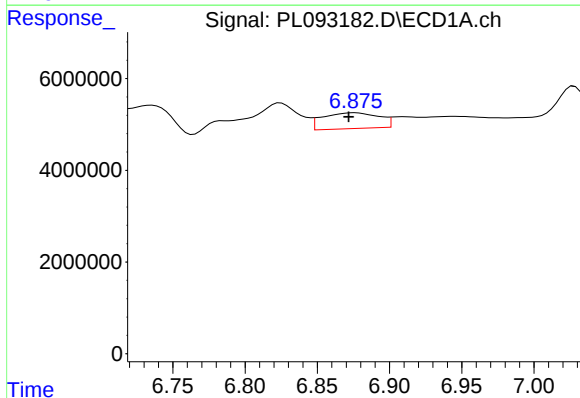
R.T.: 0.000 min  
Exp R.T.: 6.023 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



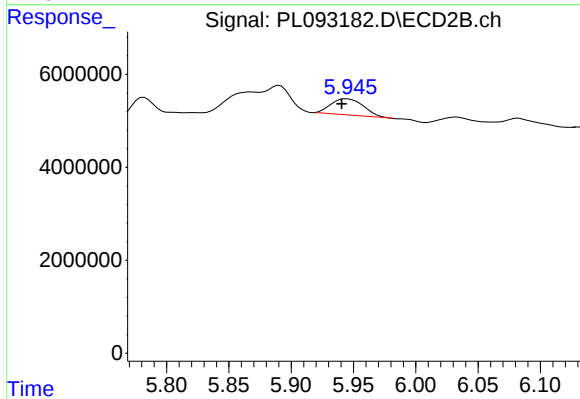
#26 Chlordane-4

R.T.: 5.034 min  
Delta R.T.: -0.011 min  
Response: 5107377  
Conc: 14.60 ng/ml



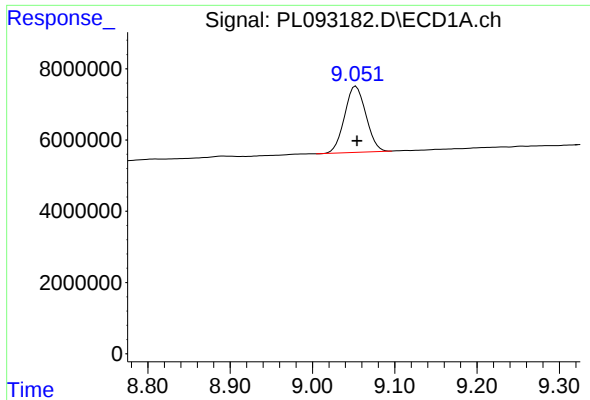
#27 Chlordane-5

R.T.: 6.876 min  
Delta R.T.: 0.004 min  
Response: 9293663  
Conc: 98.18 ng/ml



#27 Chlordane-5

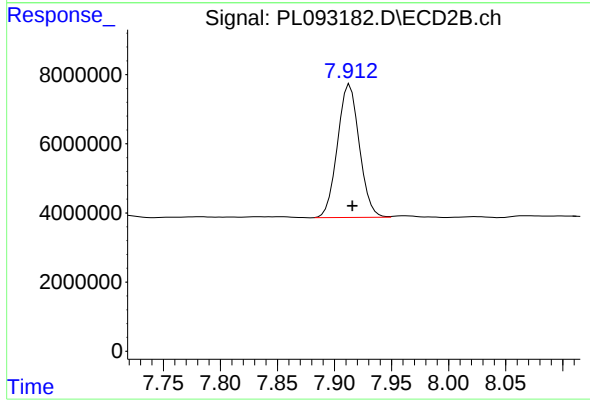
R.T.: 5.945 min  
Delta R.T.: 0.004 min  
Response: 5893078  
Conc: 46.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: -0.001 min  
Response: 33436867  
Conc: 17.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-741



#28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.002 min  
Response: 51369765  
Conc: 18.82 ng/ml