

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102523\  
 Data File : PL086150.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2023 14:00  
 Operator : AR\AJ  
 Sample : 05015-02DL 2X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 15:49:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.356  | 2.621  | 79603199 | 9059234  | 26.765   | 9.698 #    |
| 28)                         | SA Decachlor... | 8.865  | 0.000  | 109.7E6  | 0        | 50.373   | N.D. #     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.815  | 3.123  | 2795835  | 25403    | 0.651    | 0.020 #    |
| 3)                          | MA gamma-BHC... | 4.154  | 3.448  | 66531647 | 271725   | 16.096   | 0.220 #    |
| 4)                          | MA Heptachlor   | 0.000  | 3.782  | 0        | 1453820  | N.D.     | 1.250 #    |
| 5)                          | MB Aldrin       | 5.052f | 4.037f | 231.6E6  | 583630   | 59.737   | 0.522 #    |
| 6)                          | B beta-BHC      | 4.339  | 0.000  | 12860752 | 0        | 7.777    | N.D. #     |
| 7)                          | B delta-BHC     | 4.611f | 3.971  | 47908522 | 621573   | 12.494   | 0.541 #    |
| 8)                          | B Heptachlo...  | 5.498  | 4.564  | 137.6E6  | 12251153 | 39.881   | 12.197 #   |
| 9)                          | A Endosulfan I  | 5.874  | 4.929  | 40634708 | 2517690  | 12.565   | 2.347 #    |
| 10)                         | B gamma-Chl...  | 5.756  | 4.816  | 104.1E6  | 28620395 | 30.427   | 28.898     |
| 11)                         | B alpha-Chl...  | 5.835  | 4.879  | 235.3E6  | 48344377 | 68.838   | 44.323 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.097f | 0        | 4022537  | N.D.     | 4.899 #    |
| 13)                         | MA Dieldrin     | 0.000  | 5.204  | 0        | 536570   | N.D.     | 0.553 #    |
| 15)                         | B Endosulfa...  | 6.626  | 5.771  | 51564683 | -337391  | 18.713   | N.D. #     |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.627  | 0        | 21361185 | N.D.     | 30.689 #   |
| 17)                         | MA 4,4'-DDT     | 6.842  | 0.000  | 12213393 | 0        | 5.182    | N.D. #     |
| 20)                         | A Methoxychlor  | 7.334  | 0.000  | 248.9E6  | 0        | 178.220  | N.D. #     |
| 21)                         | B Endrin ke...  | 7.462  | 6.680  | 1397.6E6 | 17541371 | 485.244  | 15.261 #   |
| 22)                         | Mirex           | 0.000  | 6.858  | 0        | 94387372 | N.D.     | 100.074 #  |
| 23)                         | Chlordane-1     | 4.518  | 3.609  | 6524685  | 2477083  | 54.275   | 75.987 #   |
| 24)                         | Chlordane-2     | 5.052  | 4.192  | 231.6E6  | 51690486 | 1780.642 | 1328.332 # |
| 25)                         | Chlordane-3     | 5.756  | 4.816  | 104.1E6  | 28620395 | 204.045  | 283.236 #  |
| 26)                         | Chlordane-4     | 5.835  | 4.879  | 235.3E6  | 48344377 | 370.822  | 417.539    |
| 27)                         | Chlordane-5     | 6.705f | 5.547  | 391036   | 4096564  | 3.812    | 146.981 #  |
| -----                       |                 |        |        |          |          |          |            |

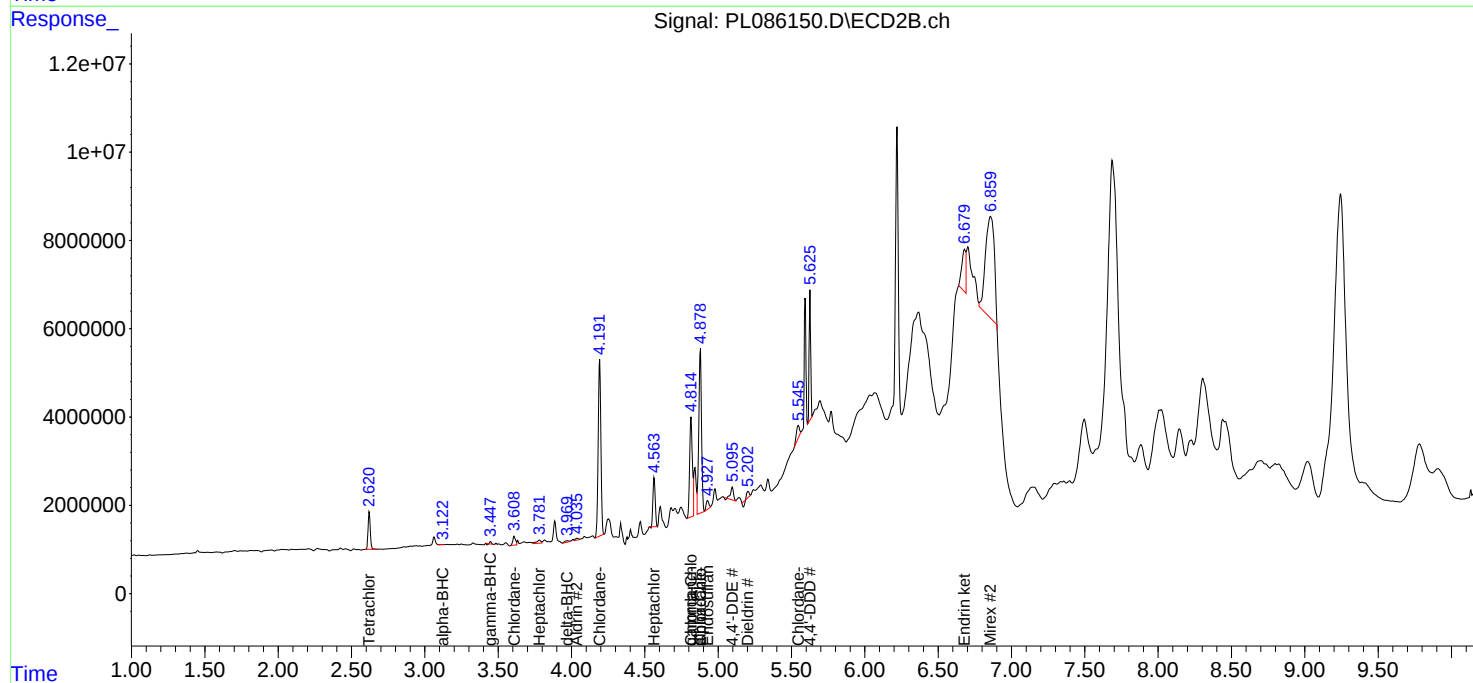
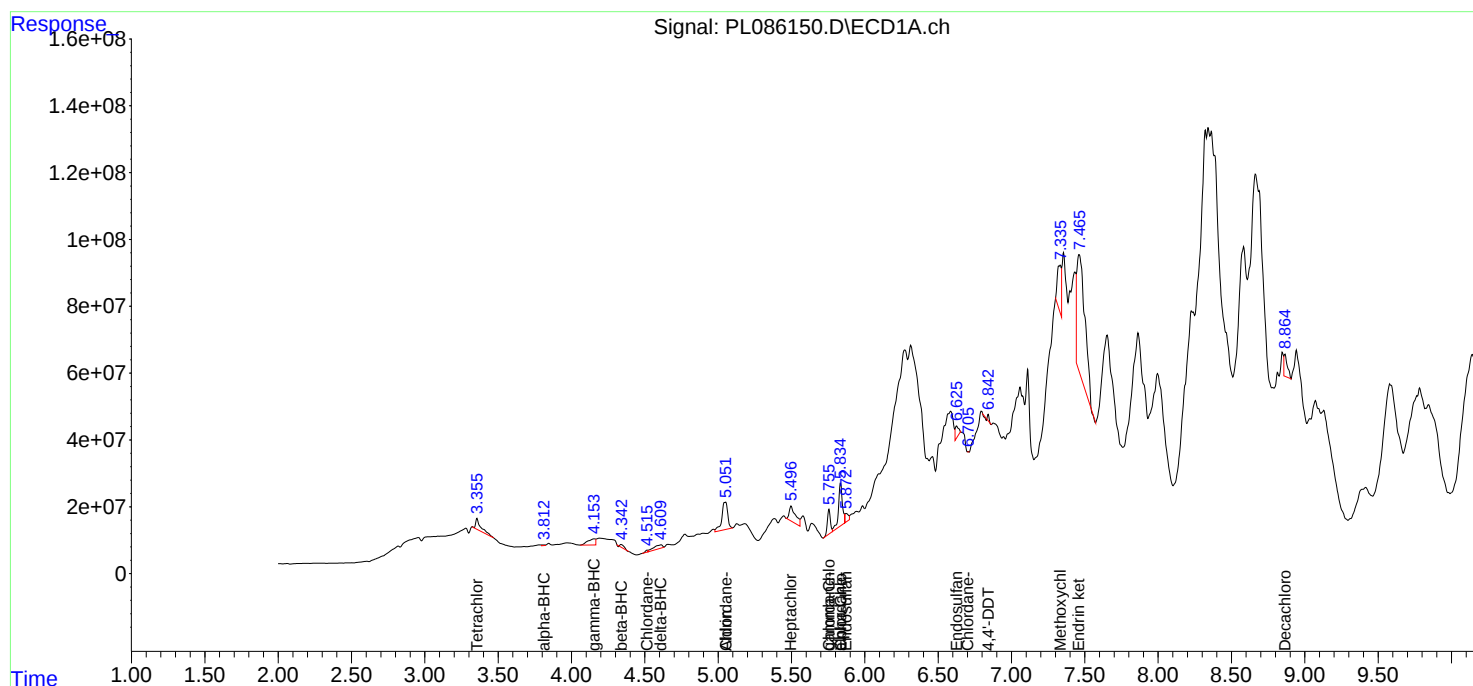
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

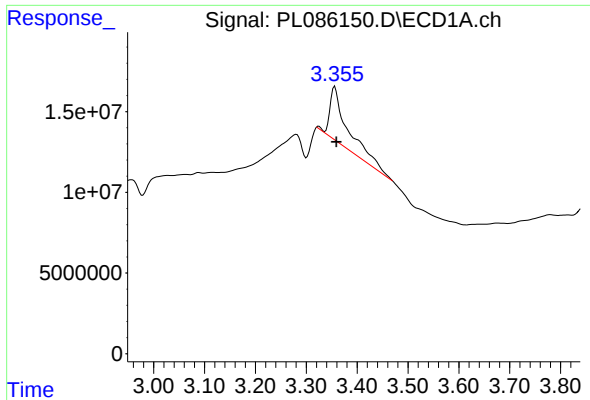
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102523\  
Data File : PL086150.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2023 14:00  
Operator : AR\AJ  
Sample : 05015-02DL 2X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 15:49:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 2023  
Response via : Initial Calibration  
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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

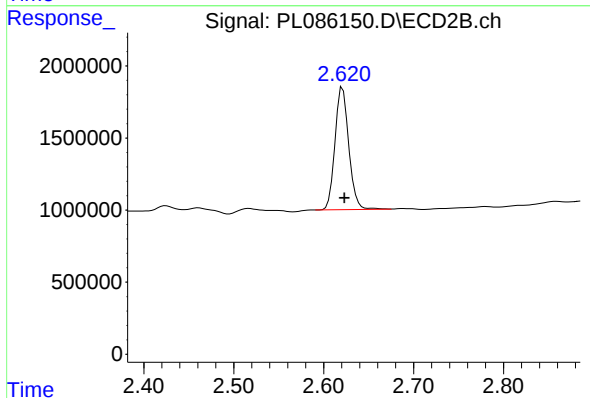




#1 Tetrachloro-m-xylene

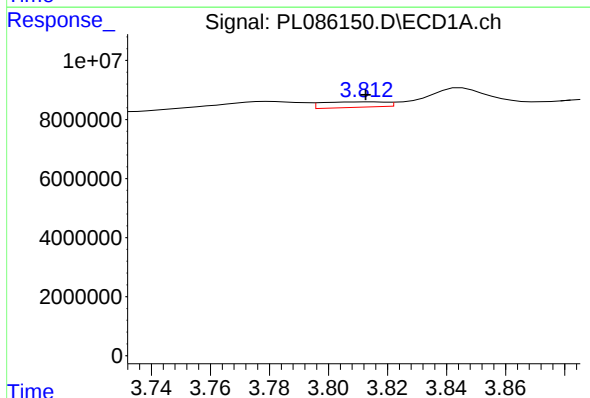
R.T.: 3.356 min  
Delta R.T.: -0.003 min  
Response: 79603199  
Conc: 26.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



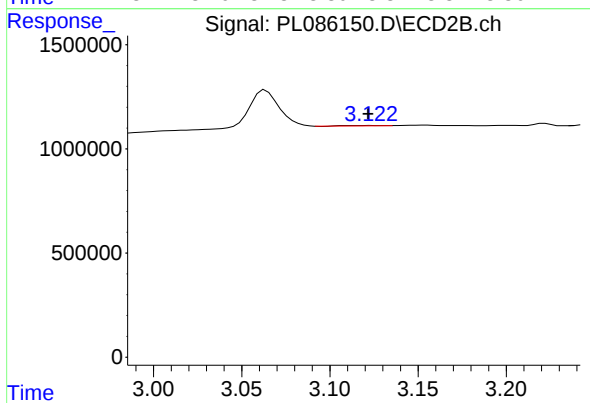
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: -0.002 min  
Response: 9059234  
Conc: 9.70 ng/ml



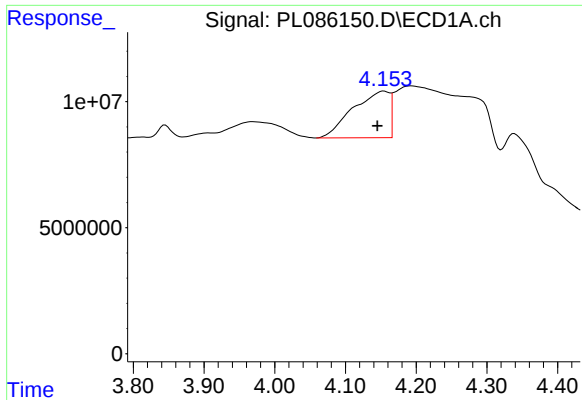
#2 alpha-BHC

R.T.: 3.815 min  
Delta R.T.: 0.002 min  
Response: 2795835  
Conc: 0.65 ng/ml



#2 alpha-BHC

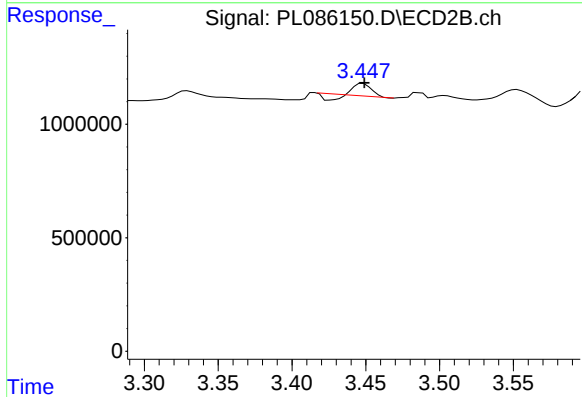
R.T.: 3.123 min  
Delta R.T.: 0.002 min  
Response: 25403  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

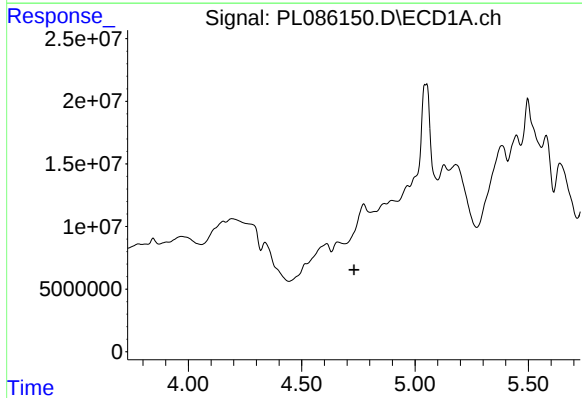
R.T.: 4.154 min  
Delta R.T.: 0.009 min  
Response: 66531647  
Conc: 16.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



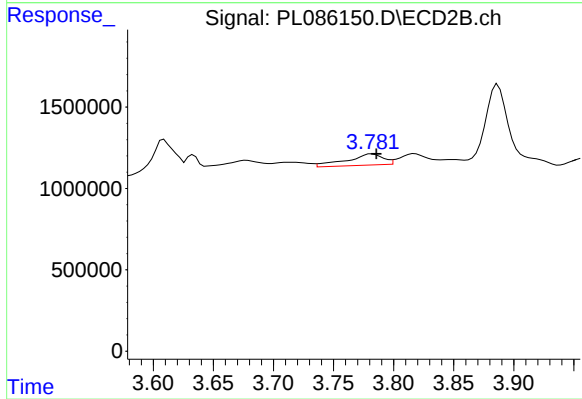
#3 gamma-BHC (Lindane)

R.T.: 3.448 min  
Delta R.T.: 0.000 min  
Response: 271725  
Conc: 0.22 ng/ml



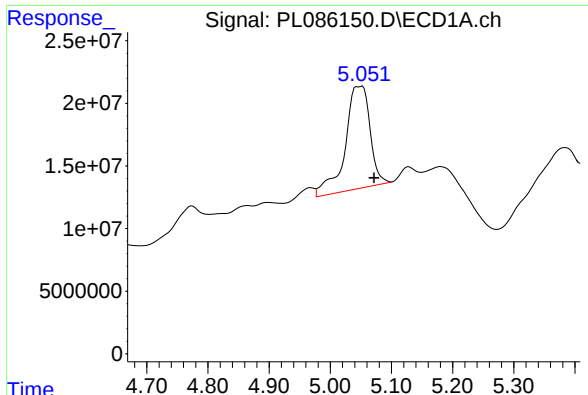
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.731 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

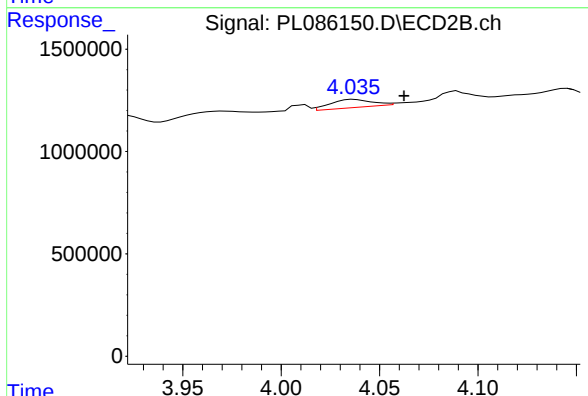
R.T.: 3.782 min  
Delta R.T.: -0.004 min  
Response: 1453820  
Conc: 1.25 ng/ml



#5 Aldrin

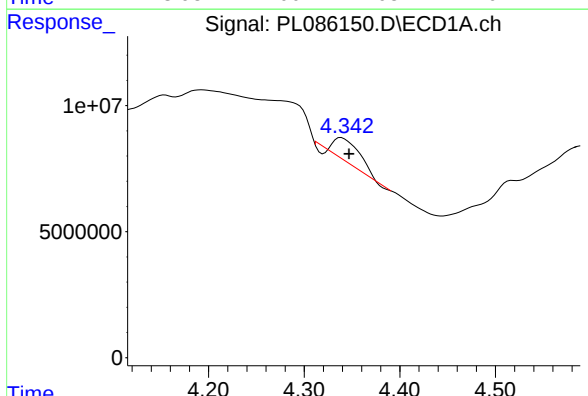
R.T.: 5.052 min  
Delta R.T.: -0.020 min  
Response: 231561628  
Conc: 59.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



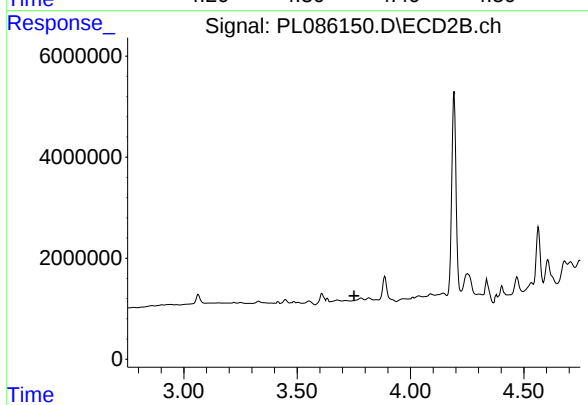
#5 Aldrin

R.T.: 4.037 min  
Delta R.T.: -0.026 min  
Response: 583630  
Conc: 0.52 ng/ml



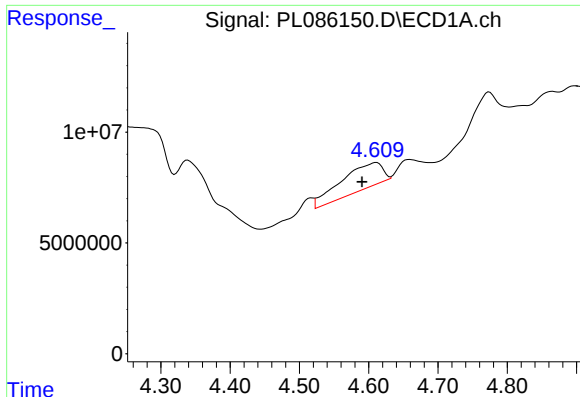
#6 beta-BHC

R.T.: 4.339 min  
Delta R.T.: -0.008 min  
Response: 12860752  
Conc: 7.78 ng/ml



#6 beta-BHC

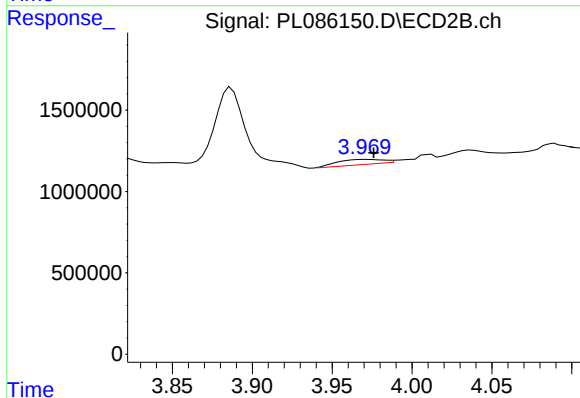
R.T.: 0.000 min  
Exp R.T. : 3.751 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

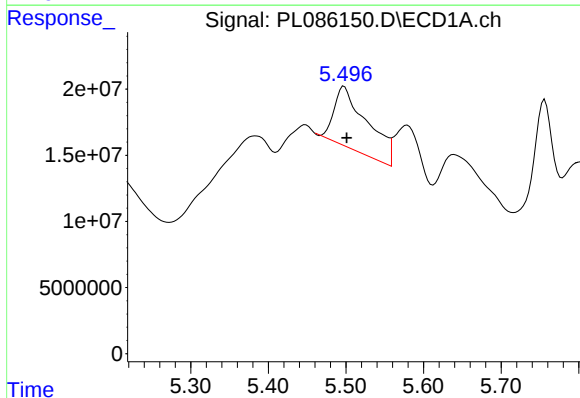
R.T.: 4.611 min  
Delta R.T.: 0.021 min  
Response: 47908522  
Conc: 12.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



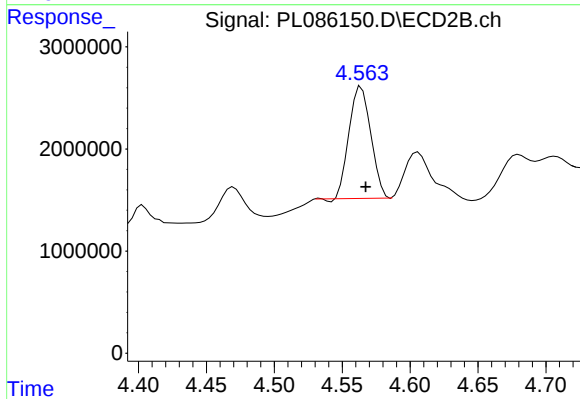
#7 delta-BHC

R.T.: 3.971 min  
Delta R.T.: -0.005 min  
Response: 621573  
Conc: 0.54 ng/ml



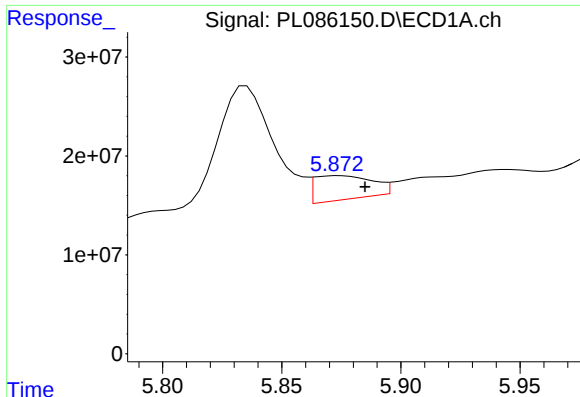
#8 Heptachlor epoxide

R.T.: 5.498 min  
Delta R.T.: -0.003 min  
Response: 137581935  
Conc: 39.88 ng/ml



#8 Heptachlor epoxide

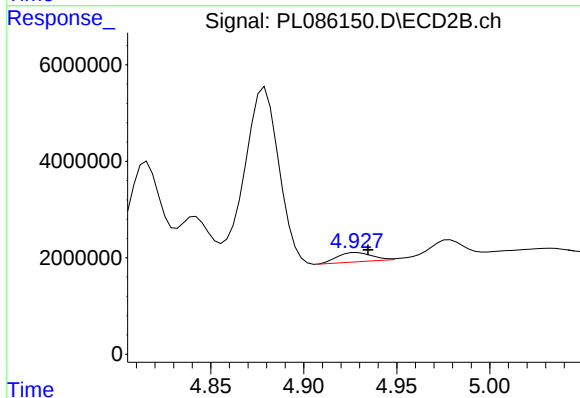
R.T.: 4.564 min  
Delta R.T.: -0.003 min  
Response: 12251153  
Conc: 12.20 ng/ml



#9 Endosulfan I

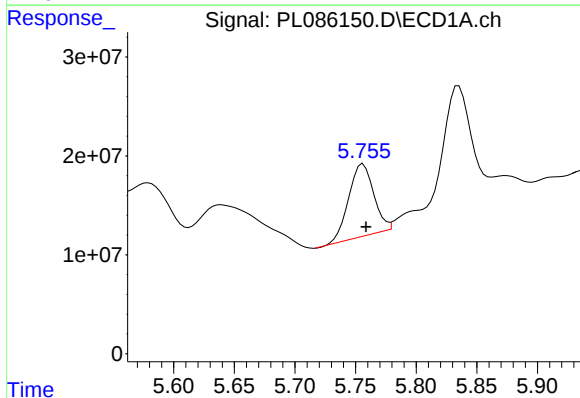
R.T.: 5.874 min  
Delta R.T.: -0.011 min  
Response: 40634708  
Conc: 12.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



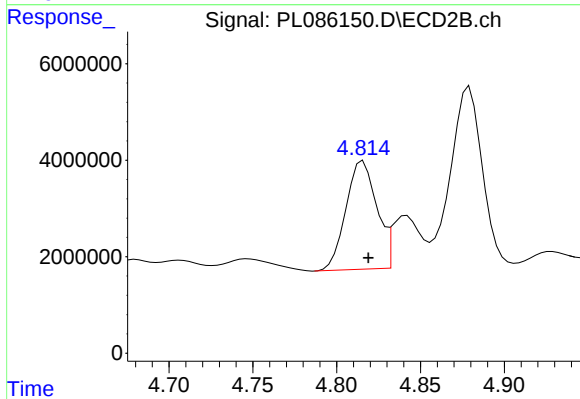
#9 Endosulfan I

R.T.: 4.929 min  
Delta R.T.: -0.006 min  
Response: 2517690  
Conc: 2.35 ng/ml



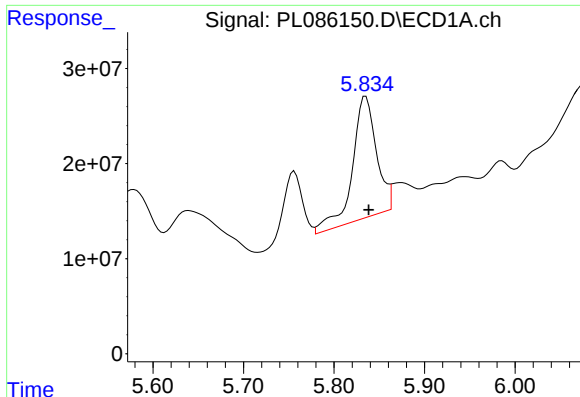
#10 gamma-Chlordane

R.T.: 5.756 min  
Delta R.T.: -0.003 min  
Response: 104103920  
Conc: 30.43 ng/ml



#10 gamma-Chlordane

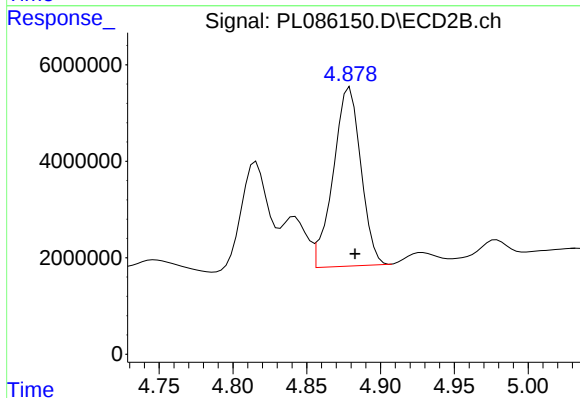
R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 28620395  
Conc: 28.90 ng/ml



#11 alpha-Chlordane

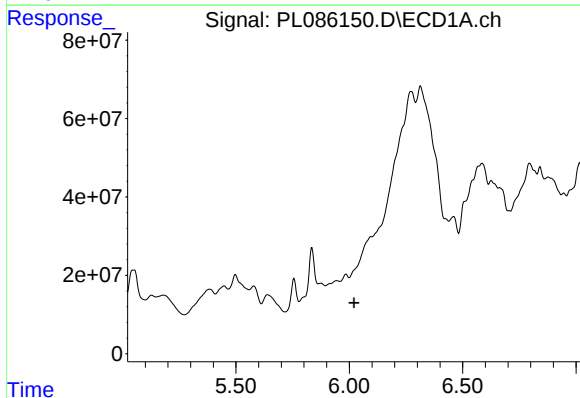
R.T.: 5.835 min  
Delta R.T.: -0.003 min  
Response: 235264770  
Conc: 68.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



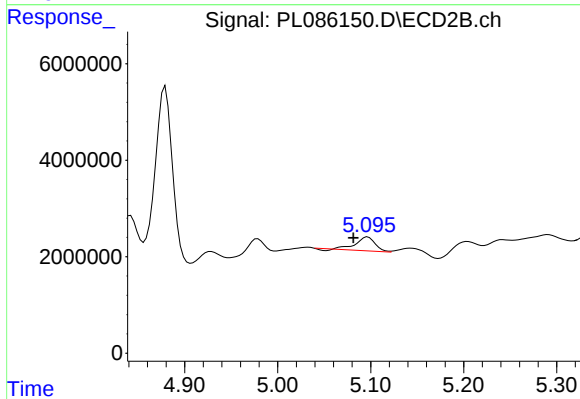
#11 alpha-Chlordane

R.T.: 4.879 min  
Delta R.T.: -0.004 min  
Response: 48344377  
Conc: 44.32 ng/ml



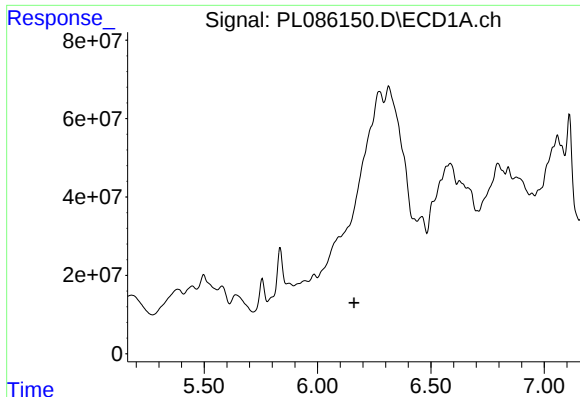
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.021 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

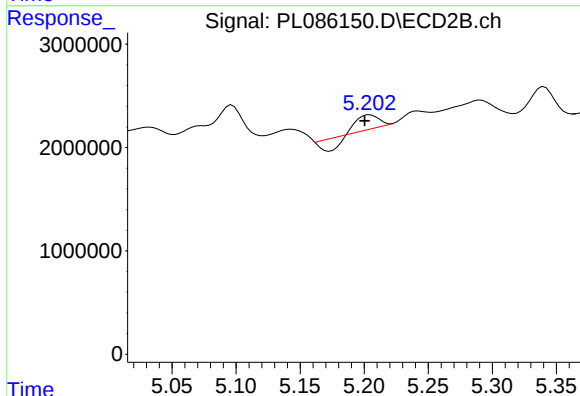
R.T.: 5.097 min  
Delta R.T.: 0.015 min  
Response: 4022537  
Conc: 4.90 ng/ml



#13 Dieldrin

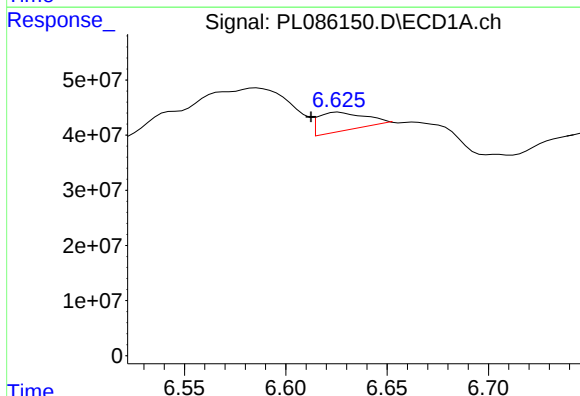
R.T.: 0.000 min  
Exp R.T.: 6.162 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



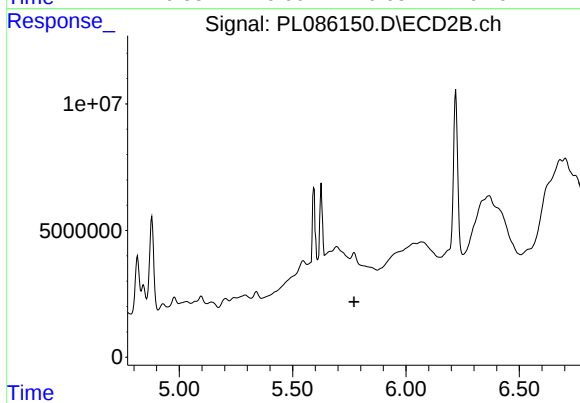
#13 Dieldrin

R.T.: 5.204 min  
Delta R.T.: 0.004 min  
Response: 536570  
Conc: 0.55 ng/ml



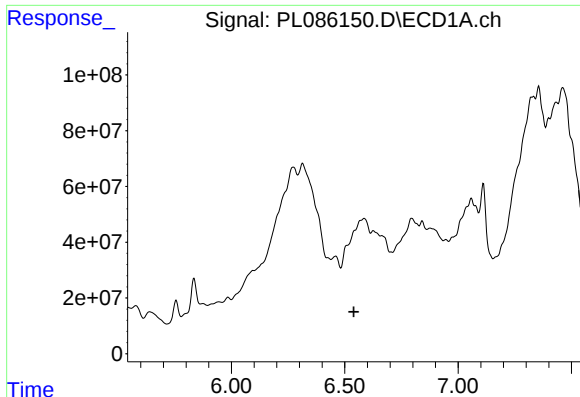
#15 Endosulfan II

R.T.: 6.626 min  
Delta R.T.: 0.014 min  
Response: 51564683  
Conc: 18.71 ng/ml



#15 Endosulfan II

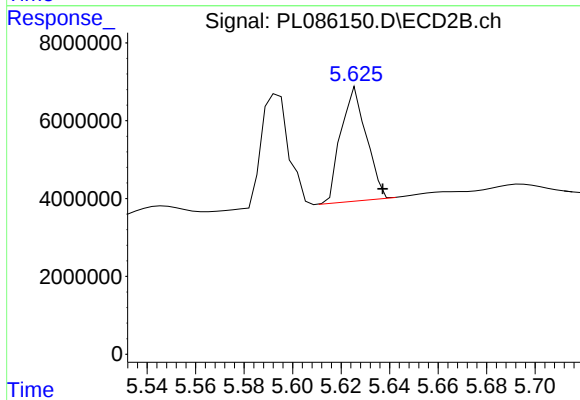
R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: -337391  
Conc: N.D.



#16 4,4'-DDD

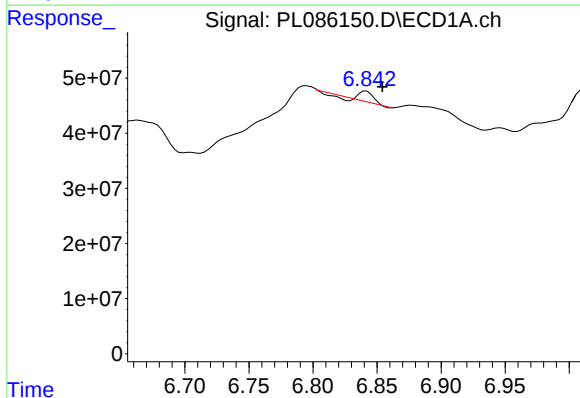
R.T.: 0.000 min  
Exp R.T.: 6.539 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



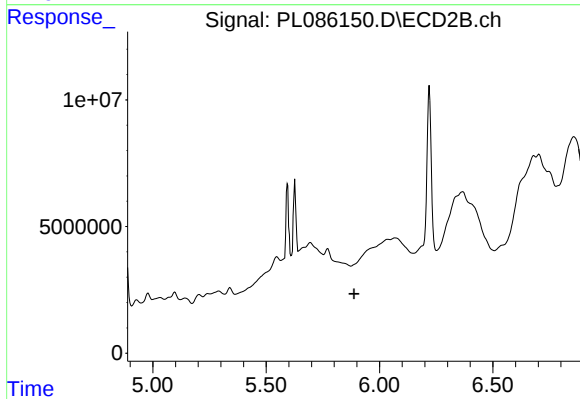
#16 4,4'-DDD

R.T.: 5.627 min  
Delta R.T.: -0.011 min  
Response: 21361185  
Conc: 30.69 ng/ml



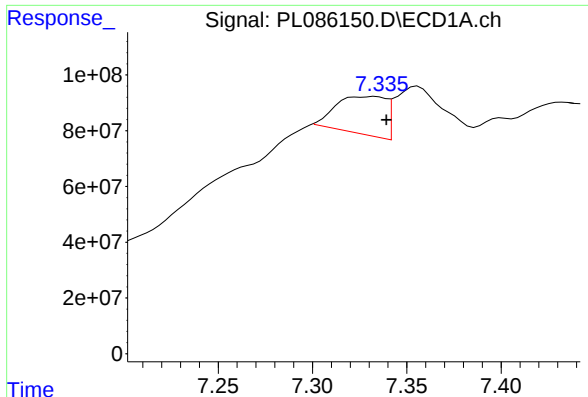
#17 4,4'-DDT

R.T.: 6.842 min  
Delta R.T.: -0.012 min  
Response: 12213393  
Conc: 5.18 ng/ml



#17 4,4'-DDT

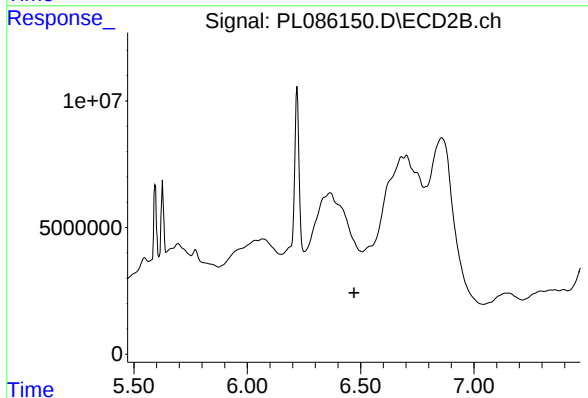
R.T.: 0.000 min  
Exp R.T.: 5.888 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

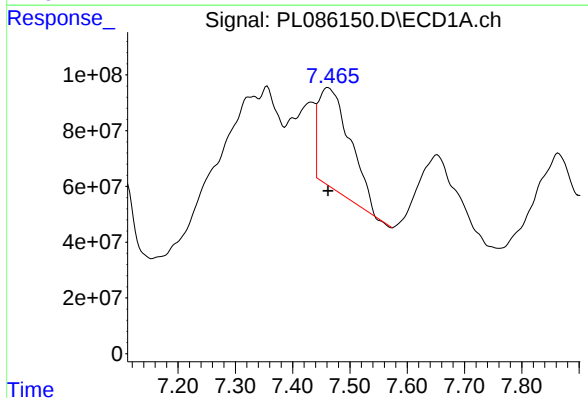
R.T.: 7.334 min  
Delta R.T.: -0.006 min  
Response: 248905035  
Conc: 178.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



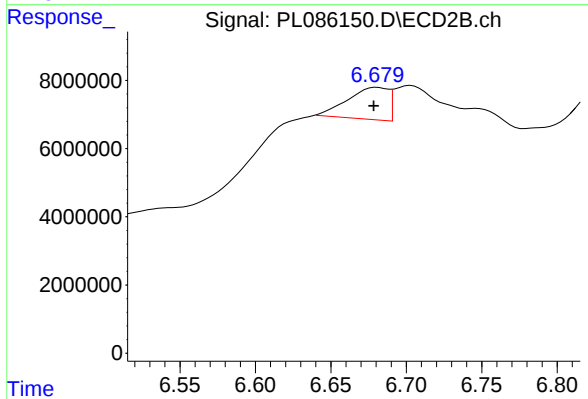
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.472 min  
Response: 0  
Conc: N.D.



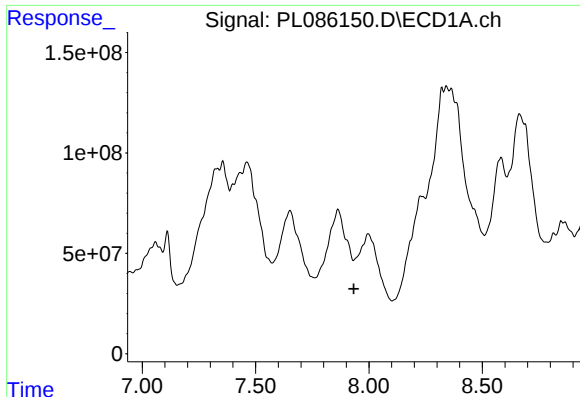
#21 Endrin ketone

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 1397635511  
Conc: 485.24 ng/ml



#21 Endrin ketone

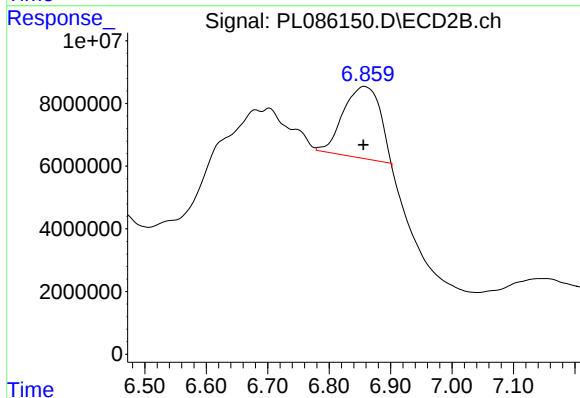
R.T.: 6.680 min  
Delta R.T.: 0.002 min  
Response: 17541371  
Conc: 15.26 ng/ml



#22 Mirex

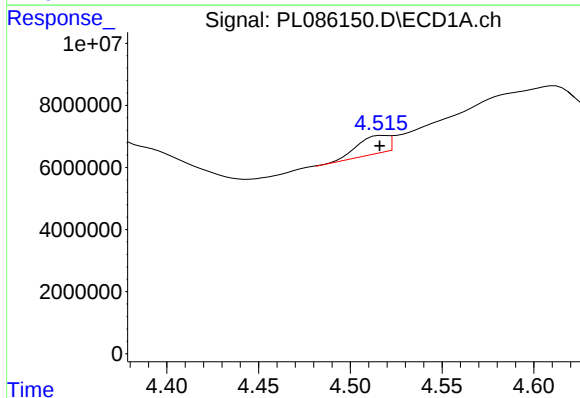
R.T.: 0.000 min  
Exp R.T.: 7.933 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



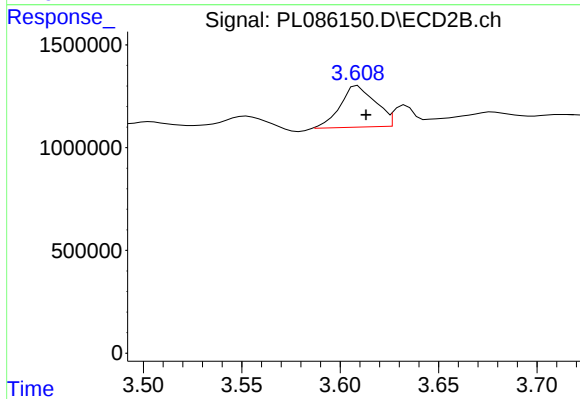
#22 Mirex

R.T.: 6.858 min  
Delta R.T.: 0.002 min  
Response: 94387372  
Conc: 100.07 ng/ml



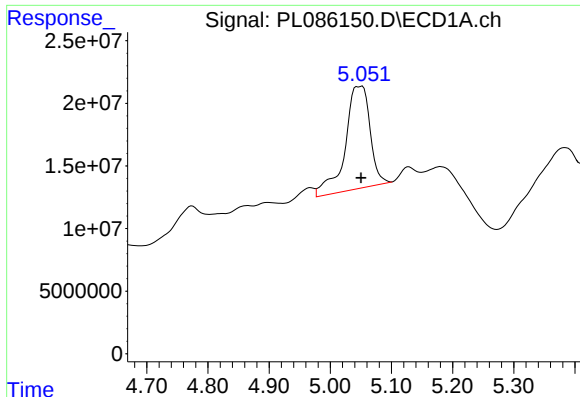
#23 Chlordane-1

R.T.: 4.518 min  
Delta R.T.: 0.002 min  
Response: 6524685  
Conc: 54.28 ng/ml



#23 Chlordane-1

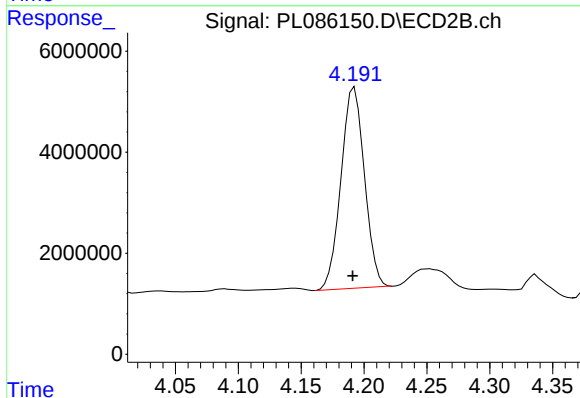
R.T.: 3.609 min  
Delta R.T.: -0.004 min  
Response: 2477083  
Conc: 75.99 ng/ml



#24 Chlordane-2

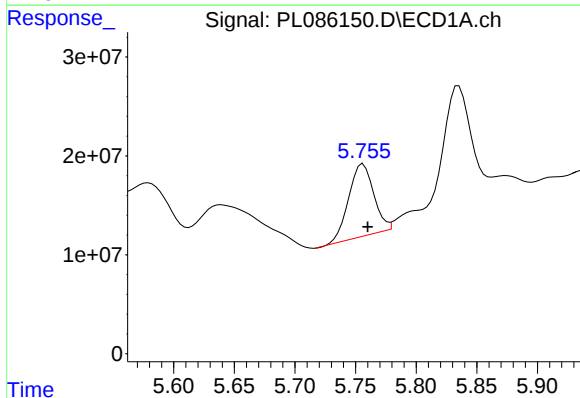
R.T.: 5.052 min  
Delta R.T.: 0.002 min  
Response: 231561628  
Conc: 1780.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



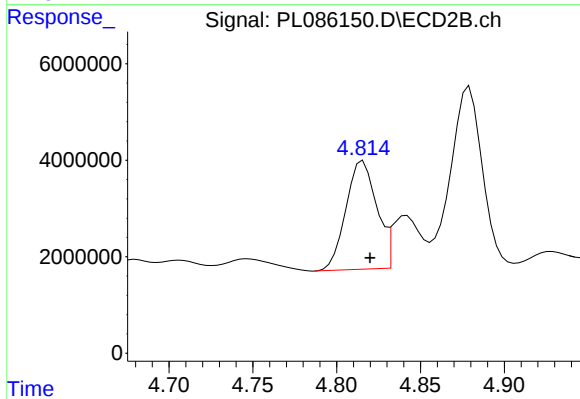
#24 Chlordane-2

R.T.: 4.192 min  
Delta R.T.: 0.001 min  
Response: 51690486  
Conc: 1328.33 ng/ml



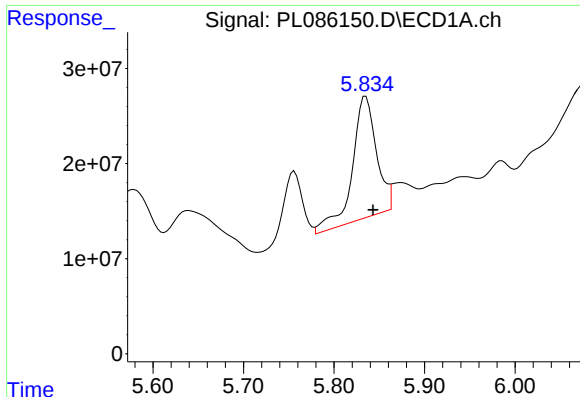
#25 Chlordane-3

R.T.: 5.756 min  
Delta R.T.: -0.004 min  
Response: 104103920  
Conc: 204.04 ng/ml



#25 Chlordane-3

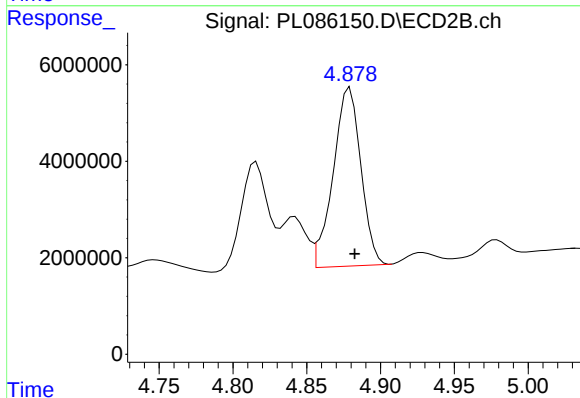
R.T.: 4.816 min  
Delta R.T.: -0.004 min  
Response: 28620395  
Conc: 283.24 ng/ml



#26 Chlordane-4

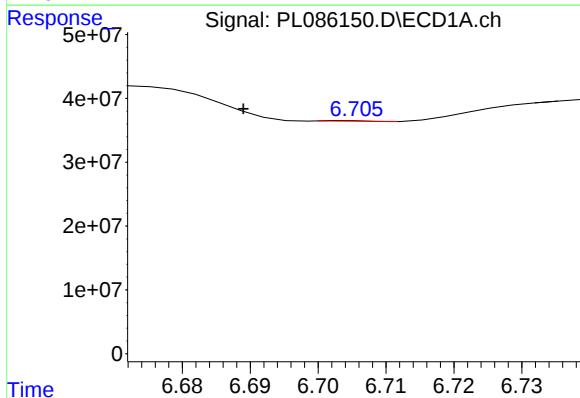
R.T.: 5.835 min  
Delta R.T.: -0.008 min  
Response: 235264770  
Conc: 370.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



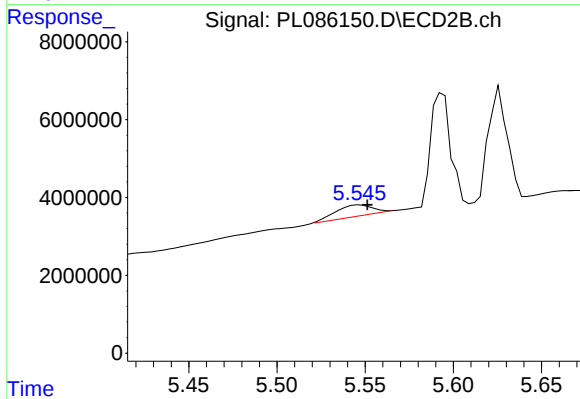
#26 Chlordane-4

R.T.: 4.879 min  
Delta R.T.: -0.003 min  
Response: 48344377  
Conc: 417.54 ng/ml



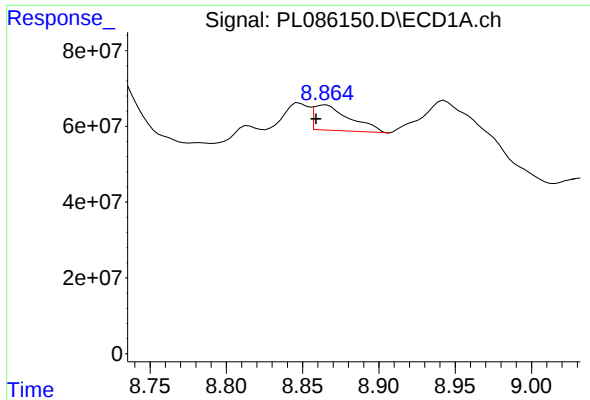
#27 Chlordane-5

R.T.: 6.705 min  
Delta R.T.: 0.016 min  
Response: 391036  
Conc: 3.81 ng/ml



#27 Chlordane-5

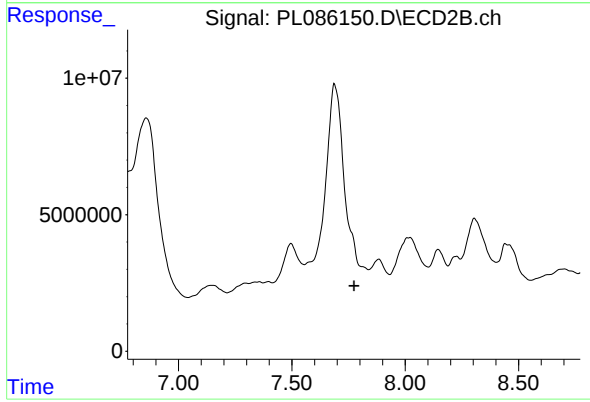
R.T.: 5.547 min  
Delta R.T.: -0.004 min  
Response: 4096564  
Conc: 146.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.865 min  
Delta R.T.: 0.007 min  
Response: 109715625  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 7.775 min  
Response: 0  
Conc: N.D.