

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102423\  
 Data File : PL086132.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2023 19:38  
 Operator : AR\AJ  
 Sample : 05011-05  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 21:24:01 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... | 3.355  | 2.621  | 20103210 | 7314213  | 6.759  | 7.830     |
| 28)                         | SA Decachlor... | 8.853  | 7.771  | 28169237 | 14052765 | 12.933 | 15.225    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 4)                          | MA Heptachlor   | 4.727  | 3.784  | 85890    | 117430   | 0.022  | 0.101 #   |
| 5)                          | MB Aldrin       | 5.065  | 4.054  | 463347   | 491897   | 0.120  | 0.440 #   |
| 6)                          | B beta-BHC      | 4.363f | 3.755  | 71865    | 34149    | 0.043  | 0.066 #   |
| 7)                          | B delta-BHC     | 0.000  | 3.980  | 0        | 11374    | N.D.   | 0.010 #   |
| 8)                          | B Heptachlo...  | 5.497  | 4.555  | 2057757  | 23102    | 0.596  | 0.023 #   |
| 10)                         | B gamma-Chl...  | 5.756  | 4.804f | 7355363  | 2216624  | 2.150  | 2.238     |
| 11)                         | B alpha-Chl...  | 5.840  | 4.876  | 22734346 | 2745754  | 6.652  | 2.517 #   |
| 12)                         | B 4,4'-DDE      | 6.017  | 5.078  | 7876905  | 827662   | 2.817  | 1.008 #   |
| 13)                         | MA Dieldrin     | 6.166  | 5.208  | 9556463  | 872829   | 2.908  | 0.900 #   |
| 14)                         | MA Endrin       | 6.396  | 5.491f | 1997765  | 1704042  | 0.701  | 1.895 #   |
| 15)                         | B Endosulfa...  | 6.611  | 5.770  | 7480240  | 1901589  | 2.715  | 2.000 #   |
| 16)                         | A 4,4'-DDD      | 6.546  | 0.000  | 23872144 | 0        | 11.849 | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.849  | 5.879  | 6157420  | 11507739 | 2.612  | 14.553 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.978f | 0        | 3696471  | N.D.   | 4.957 #   |
| 19)                         | B Endosulfa...  | 6.965  | 6.179  | 8083237  | 5998811  | 3.221  | 6.650 #   |
| 21)                         | B Endrin ke...  | 7.447f | 0.000  | 39421425 | 0        | 13.687 | N.D. #    |
| 22)                         | Mirex           | 0.000  | 6.859  | 0        | 66246    | N.D.   | 0.070 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.612  | 0        | 169520   | N.D.   | 5.200 #   |
| 24)                         | Chlordane-2     | 5.044  | 4.189  | 451561   | 380965   | 3.472  | 9.790 #   |
| 25)                         | Chlordane-3     | 5.756  | 4.804f | 7355363  | 2216624  | 14.417 | 21.936 #  |
| 26)                         | Chlordane-4     | 5.840  | 4.876  | 22734346 | 2745754  | 35.834 | 23.714 #  |
| 27)                         | Chlordane-5     | 6.669f | 5.554  | 9578845  | 8172159  | 93.371 | 293.210 # |
| -----                       |                 |        |        |          |          |        |           |

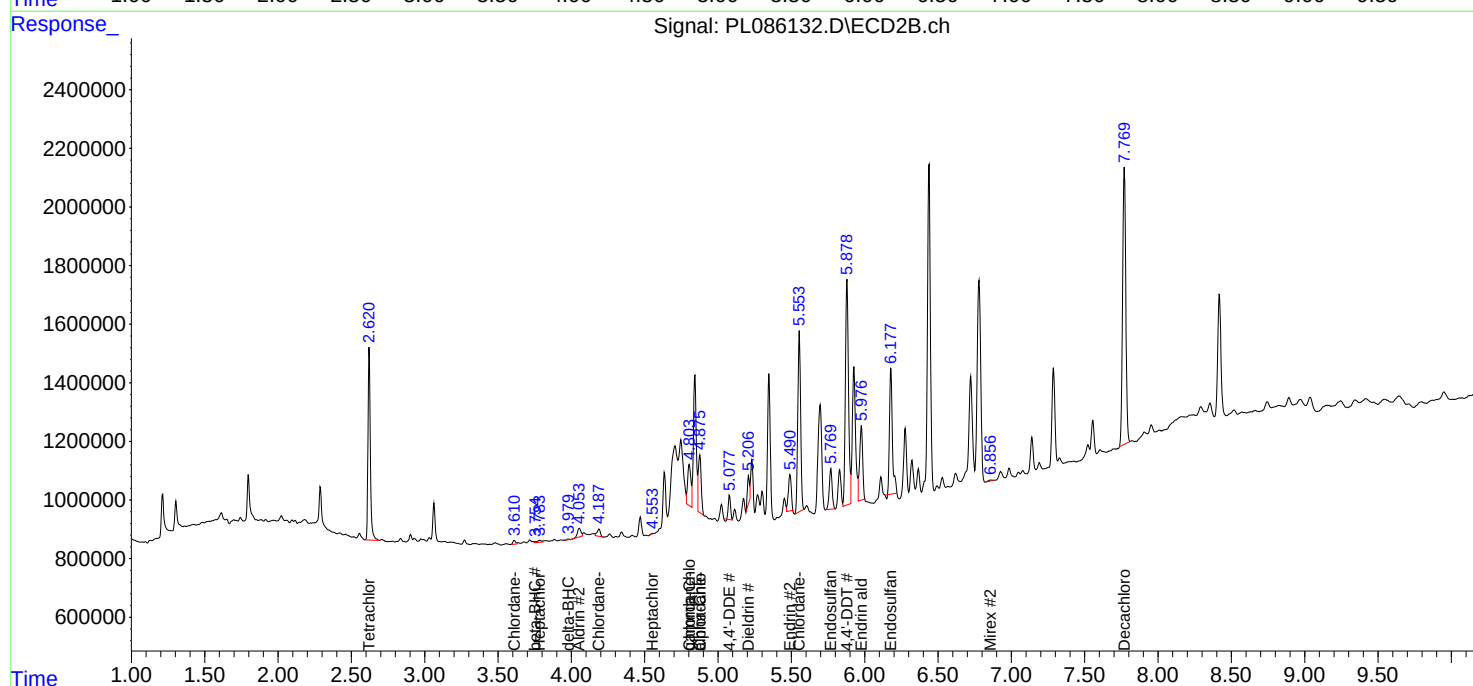
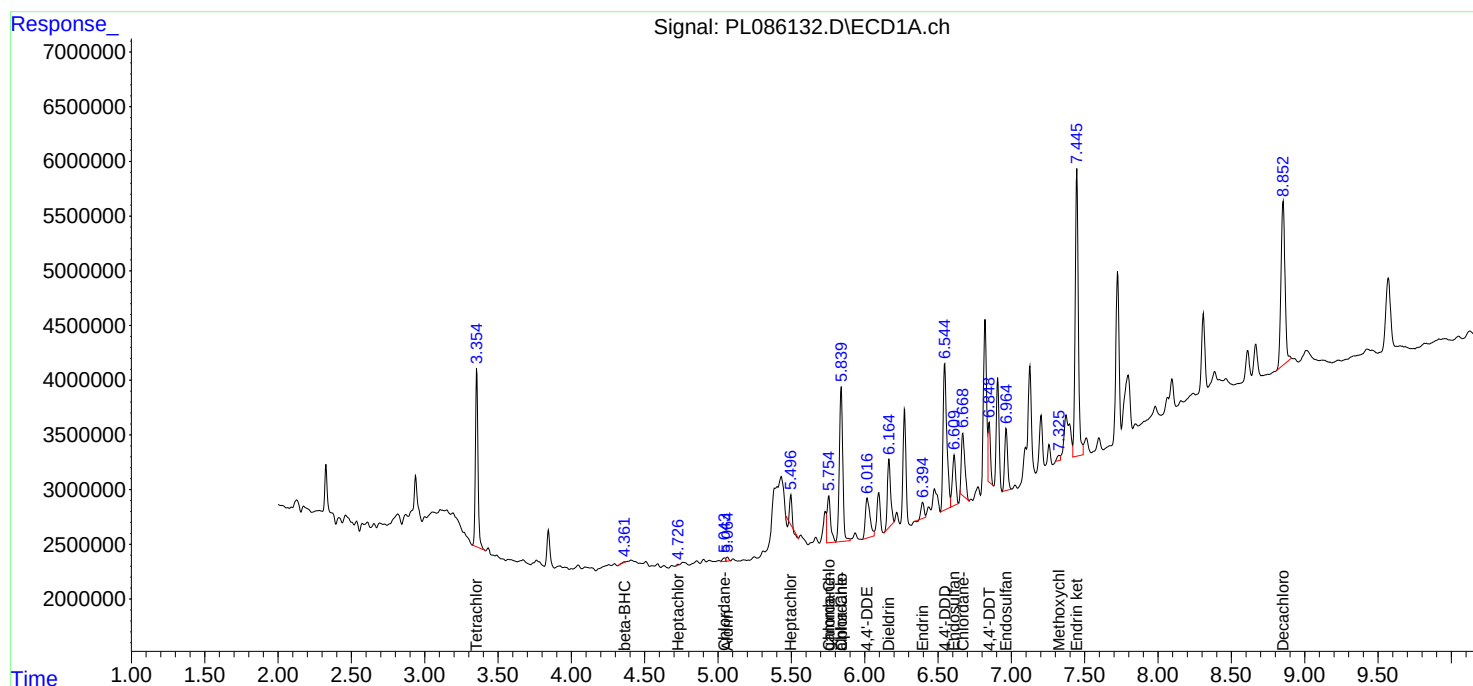
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

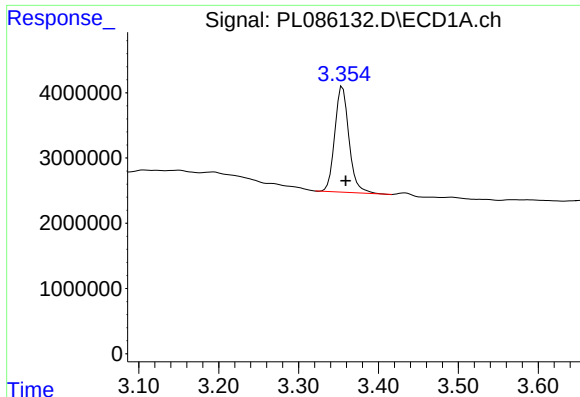
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102423\  
Data File : PL086132.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2023 19:38  
Operator : AR\AJ  
Sample : 05011-05  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 21:24:01 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

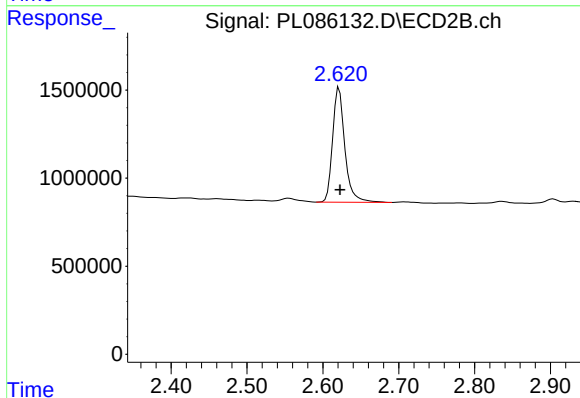




#1 Tetrachloro-m-xylene

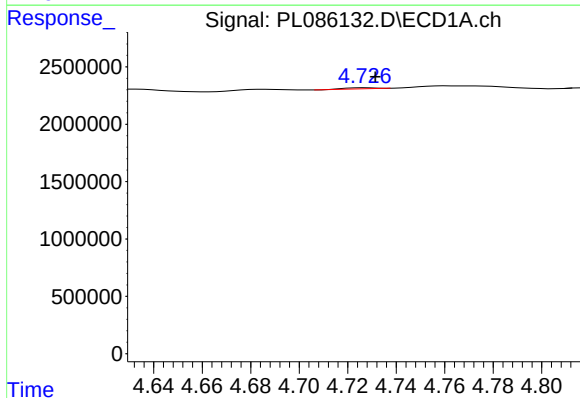
R.T.: 3.355 min  
Delta R.T.: -0.004 min  
Response: 20103210  
Conc: 6.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



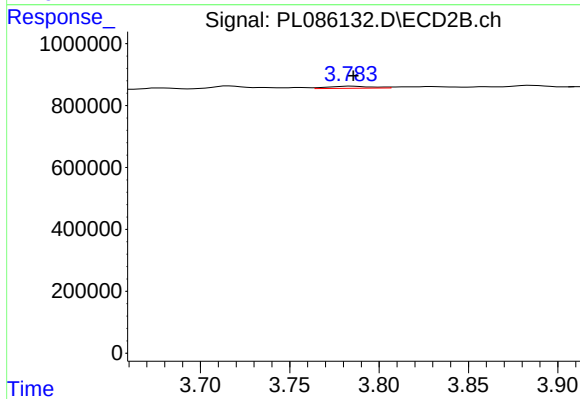
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: -0.001 min  
Response: 7314213  
Conc: 7.83 ng/ml



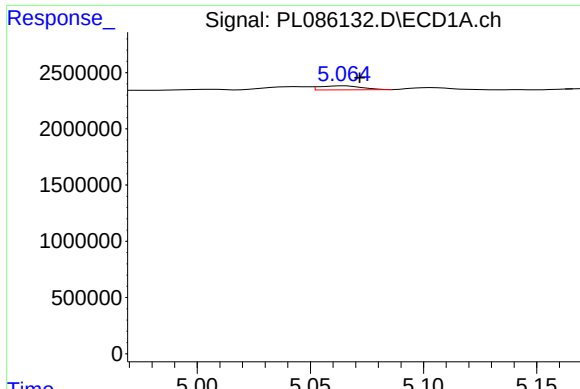
#4 Heptachlor

R.T.: 4.727 min  
Delta R.T.: -0.004 min  
Response: 85890  
Conc: 0.02 ng/ml



#4 Heptachlor

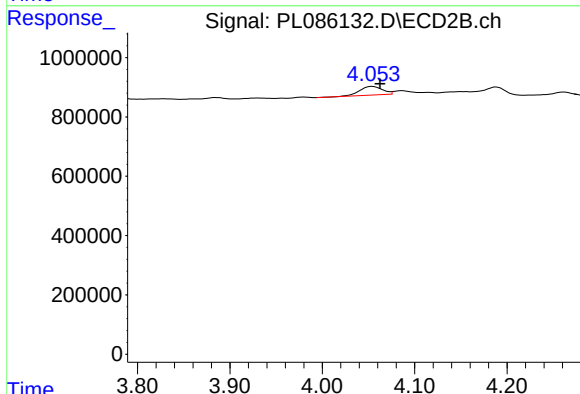
R.T.: 3.784 min  
Delta R.T.: -0.001 min  
Response: 117430  
Conc: 0.10 ng/ml



#5 Aldrin

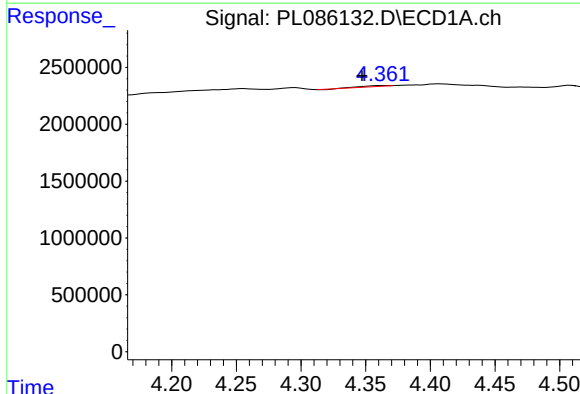
R.T.: 5.065 min  
Delta R.T.: -0.007 min  
Response: 463347  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



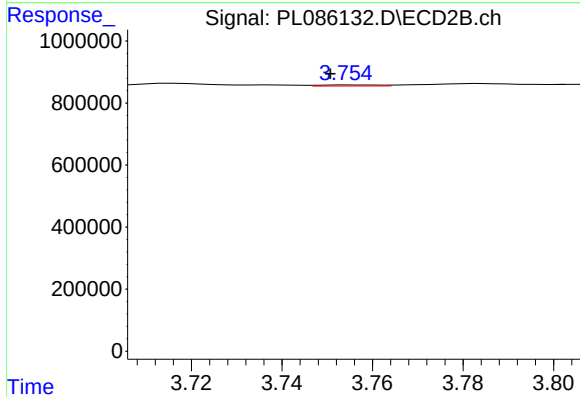
#5 Aldrin

R.T.: 4.054 min  
Delta R.T.: -0.008 min  
Response: 491897  
Conc: 0.44 ng/ml



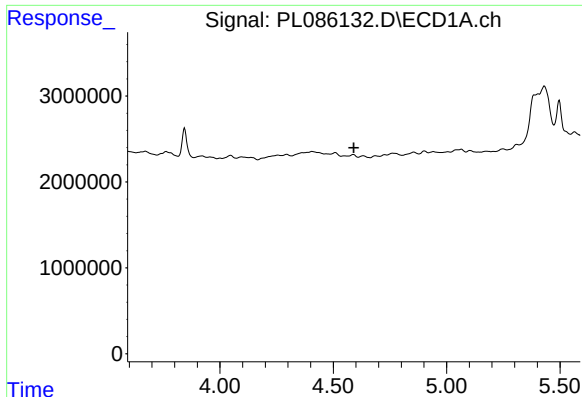
#6 beta-BHC

R.T.: 4.363 min  
Delta R.T.: 0.016 min  
Response: 71865  
Conc: 0.04 ng/ml



#6 beta-BHC

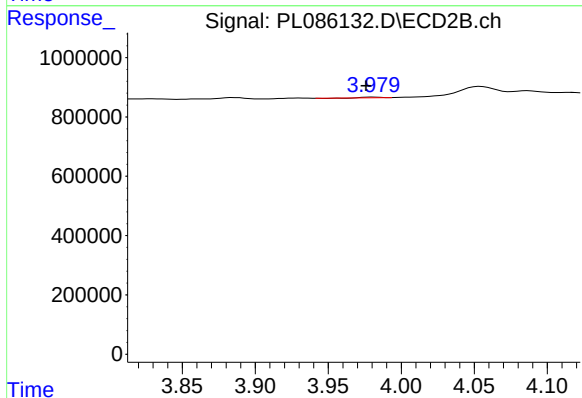
R.T.: 3.755 min  
Delta R.T.: 0.005 min  
Response: 34149  
Conc: 0.07 ng/ml



#7 delta-BHC

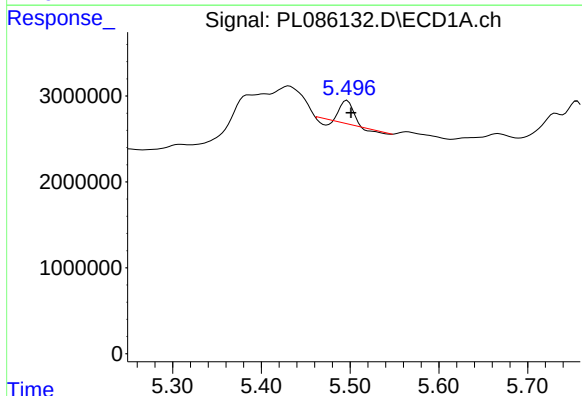
R.T.: 0.000 min  
Exp R.T.: 4.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



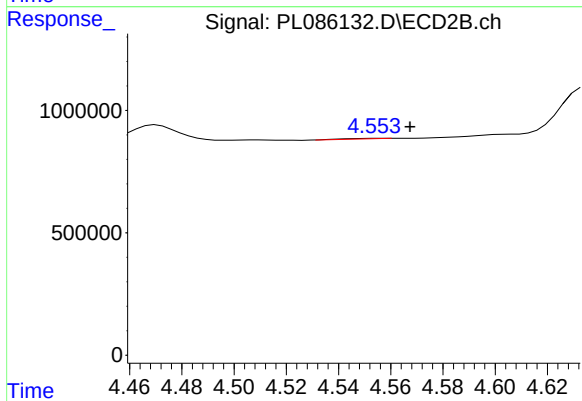
#7 delta-BHC

R.T.: 3.980 min  
Delta R.T.: 0.004 min  
Response: 11374  
Conc: 0.01 ng/ml



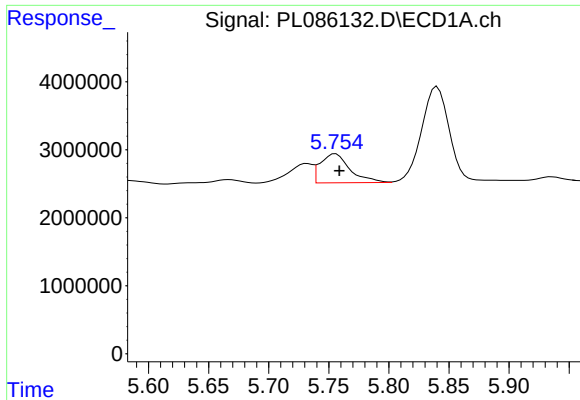
#8 Heptachlor epoxide

R.T.: 5.497 min  
Delta R.T.: -0.004 min  
Response: 2057757  
Conc: 0.60 ng/ml



#8 Heptachlor epoxide

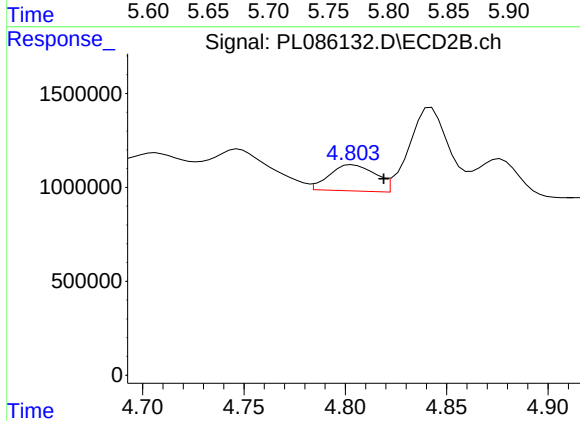
R.T.: 4.555 min  
Delta R.T.: -0.013 min  
Response: 23102  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

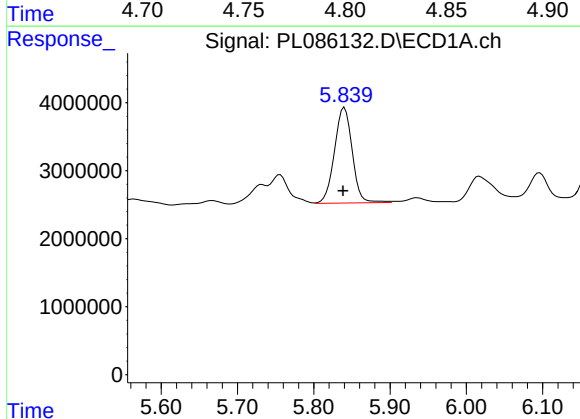
R.T.: 5.756 min  
Delta R.T.: -0.003 min  
Response: 7355363  
Conc: 2.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



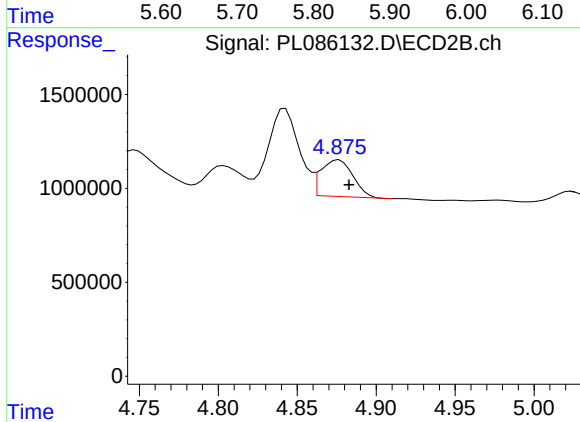
#10 gamma-Chlordane

R.T.: 4.804 min  
Delta R.T.: -0.015 min  
Response: 2216624  
Conc: 2.24 ng/ml



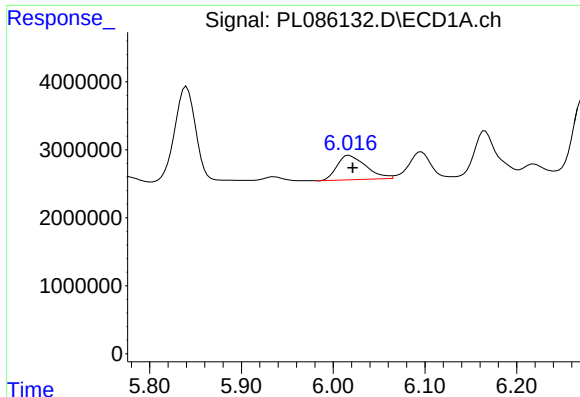
#11 alpha-Chlordane

R.T.: 5.840 min  
Delta R.T.: 0.002 min  
Response: 22734346  
Conc: 6.65 ng/ml



#11 alpha-Chlordane

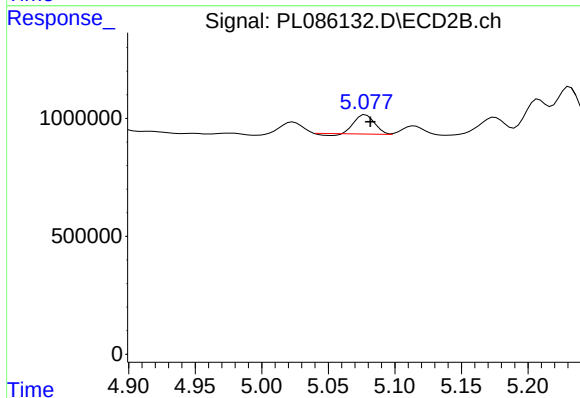
R.T.: 4.876 min  
Delta R.T.: -0.006 min  
Response: 2745754  
Conc: 2.52 ng/ml



#12 4,4'-DDE

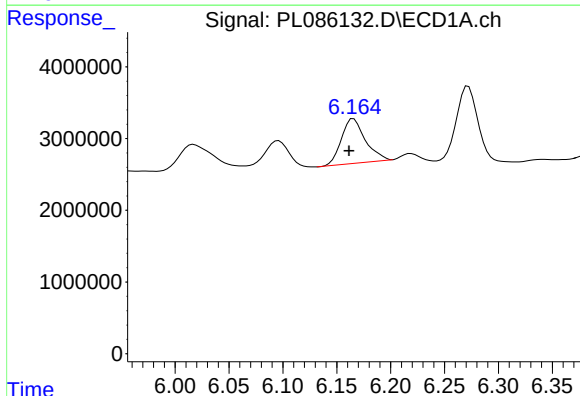
R.T.: 6.017 min  
Delta R.T.: -0.004 min  
Response: 7876905  
Conc: 2.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



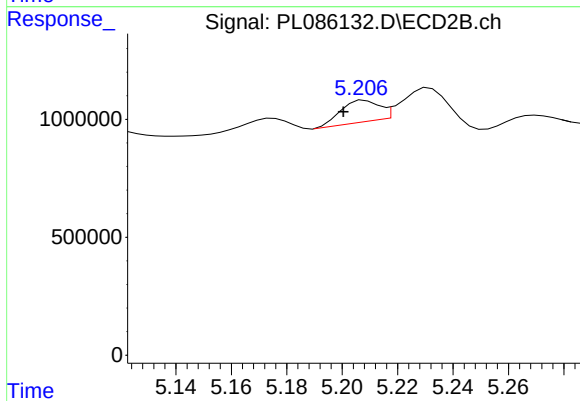
#12 4,4'-DDE

R.T.: 5.078 min  
Delta R.T.: -0.004 min  
Response: 827662  
Conc: 1.01 ng/ml



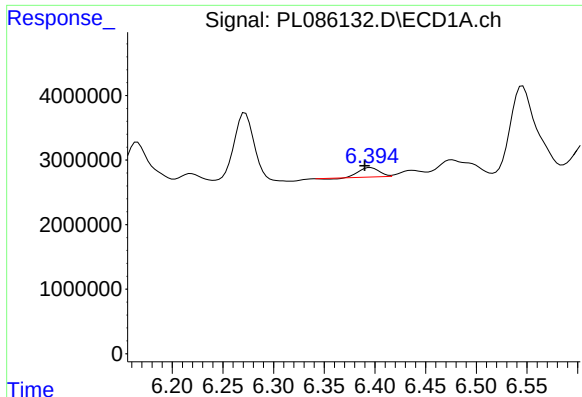
#13 Dieldrin

R.T.: 6.166 min  
Delta R.T.: 0.004 min  
Response: 9556463  
Conc: 2.91 ng/ml



#13 Dieldrin

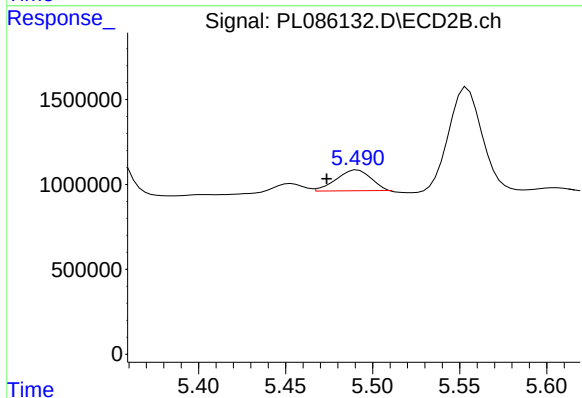
R.T.: 5.208 min  
Delta R.T.: 0.008 min  
Response: 872829  
Conc: 0.90 ng/ml



#14 Endrin

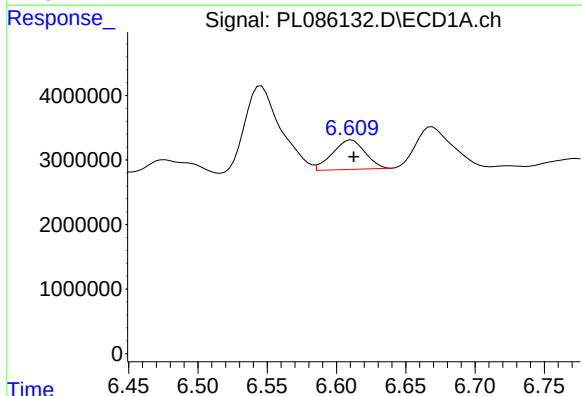
R.T.: 6.396 min  
Delta R.T.: 0.006 min  
Response: 1997765  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



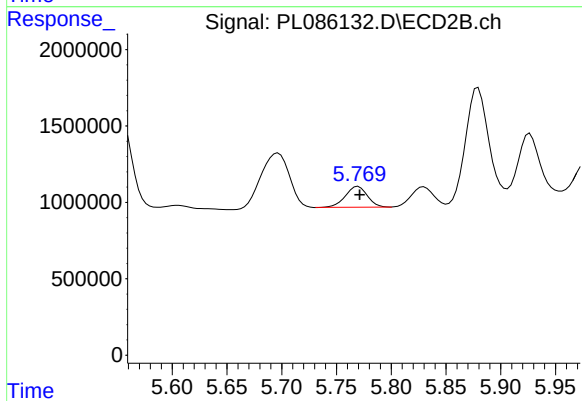
#14 Endrin

R.T.: 5.491 min  
Delta R.T.: 0.018 min  
Response: 1704042  
Conc: 1.90 ng/ml



#15 Endosulfan II

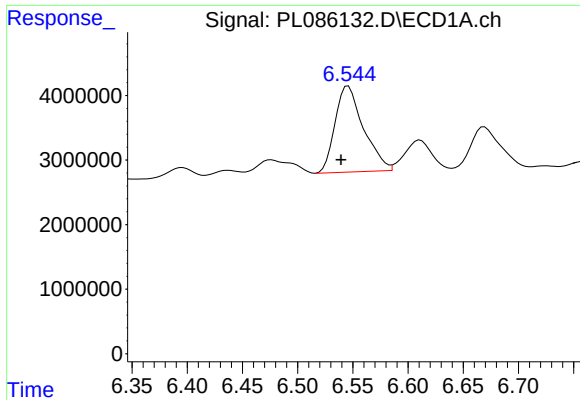
R.T.: 6.611 min  
Delta R.T.: -0.002 min  
Response: 7480240  
Conc: 2.71 ng/ml



#15 Endosulfan II

R.T.: 5.770 min  
Delta R.T.: -0.001 min  
Response: 1901589  
Conc: 2.00 ng/ml

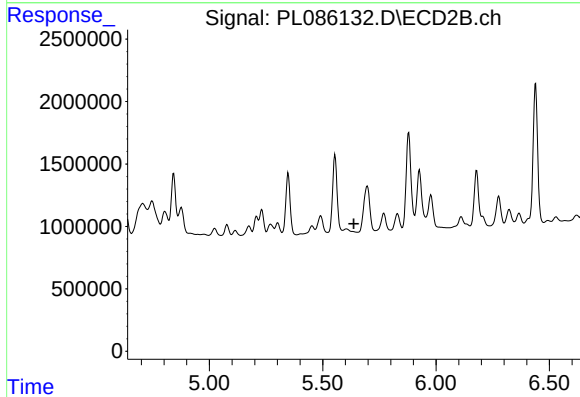




#16 4,4'-DDD

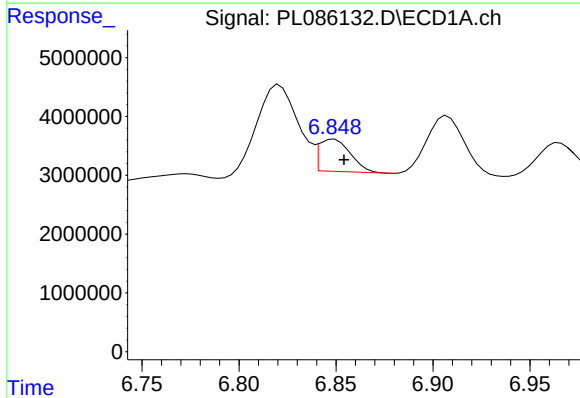
R.T.: 6.546 min  
Delta R.T.: 0.006 min  
Response: 23872144  
Conc: 11.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



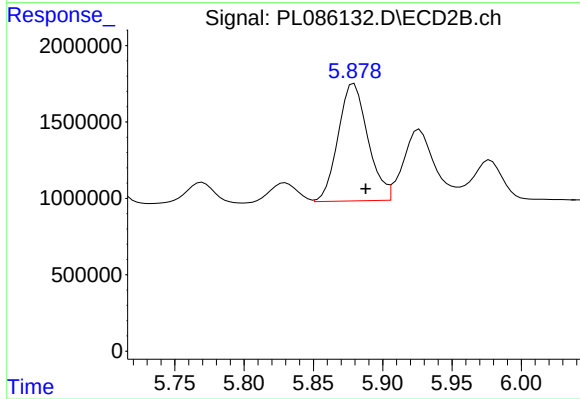
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.637 min  
Response: 0  
Conc: N.D.



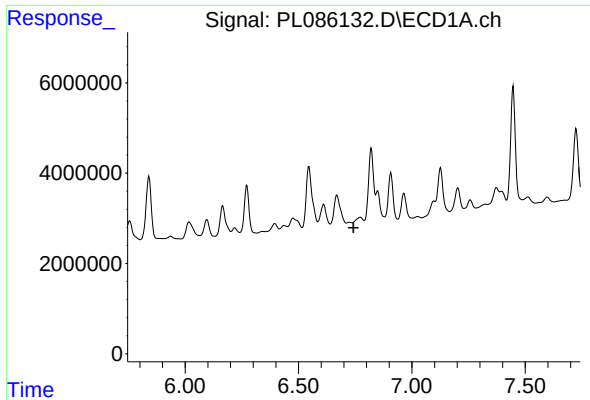
#17 4,4'-DDT

R.T.: 6.849 min  
Delta R.T.: -0.005 min  
Response: 6157420  
Conc: 2.61 ng/ml



#17 4,4'-DDT

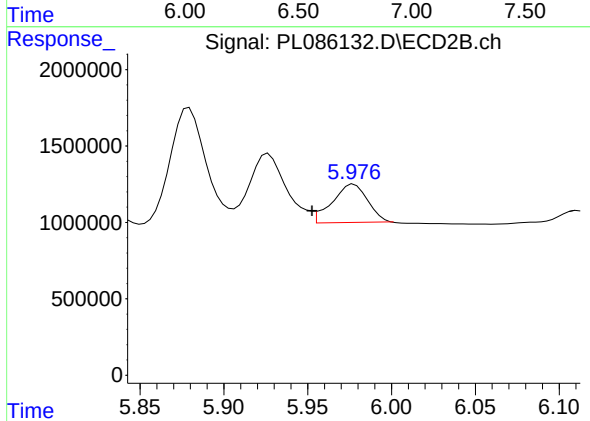
R.T.: 5.879 min  
Delta R.T.: -0.008 min  
Response: 11507739  
Conc: 14.55 ng/ml



#18 Endrin aldehyde

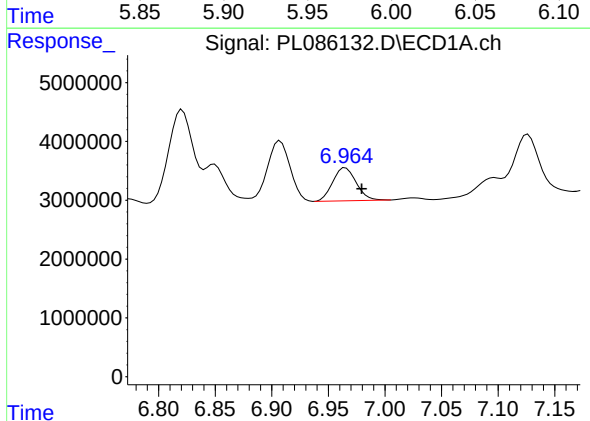
R.T.: 0.000 min  
Exp R.T.: 6.743 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



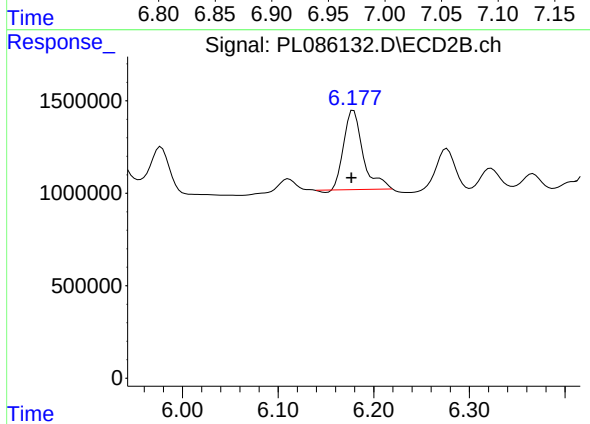
#18 Endrin aldehyde

R.T.: 5.978 min  
Delta R.T.: 0.025 min  
Response: 3696471  
Conc: 4.96 ng/ml



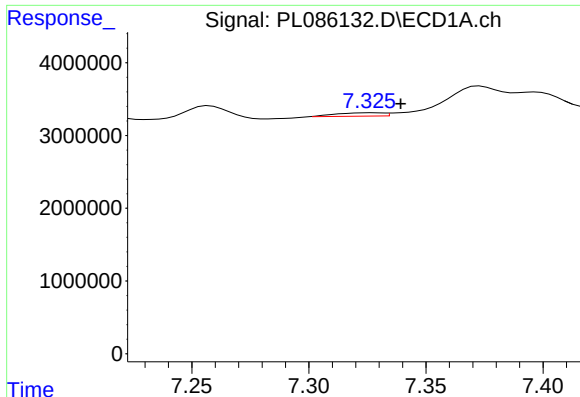
#19 Endosulfan Sulfate

R.T.: 6.965 min  
Delta R.T.: -0.014 min  
Response: 8083237  
Conc: 3.22 ng/ml



#19 Endosulfan Sulfate

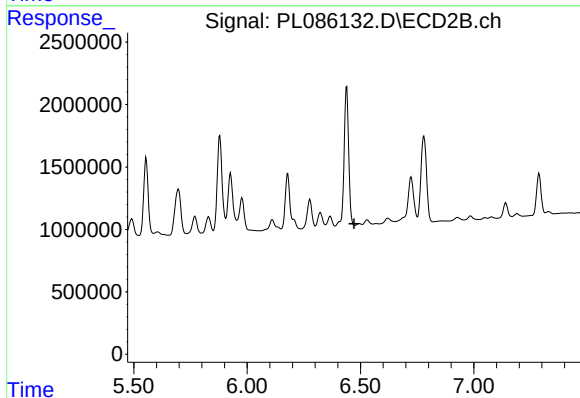
R.T.: 6.179 min  
Delta R.T.: 0.002 min  
Response: 5998811  
Conc: 6.65 ng/ml



#20 Methoxychlor

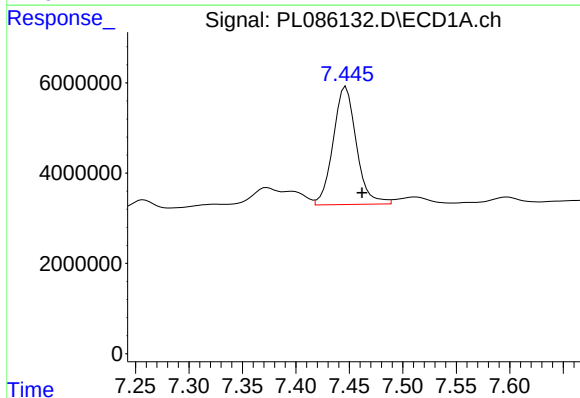
R.T.: 7.326 min  
Delta R.T.: -0.013 min  
Response: 651892  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



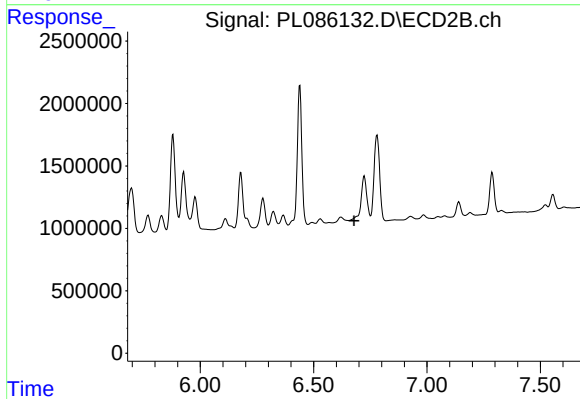
#20 Methoxychlor

R.T.: 6.494 min  
Delta R.T.: 0.023 min  
Response: -8467871  
Conc: N.D.



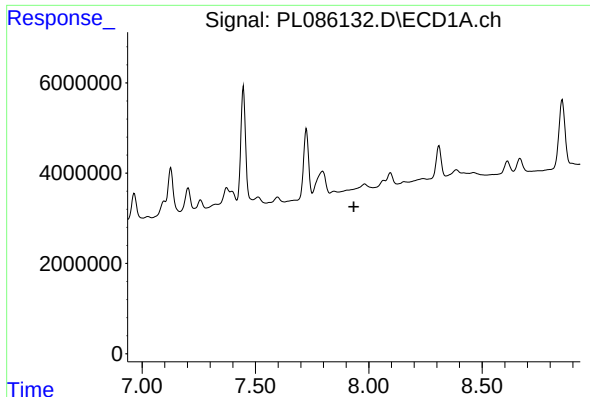
#21 Endrin ketone

R.T.: 7.447 min  
Delta R.T.: -0.015 min  
Response: 39421425  
Conc: 13.69 ng/ml



#21 Endrin ketone

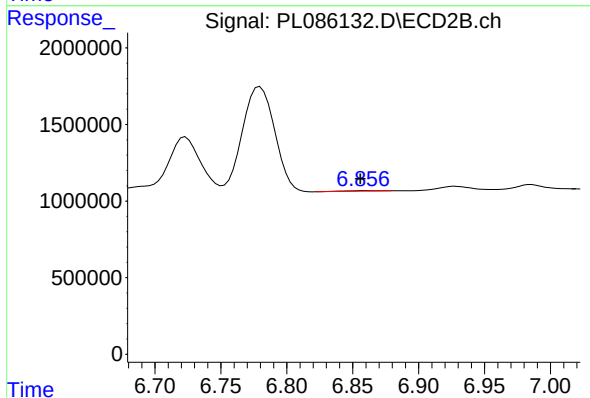
R.T.: 0.000 min  
Exp R.T.: 6.678 min  
Response: 0  
Conc: N.D.



#22 Mirex

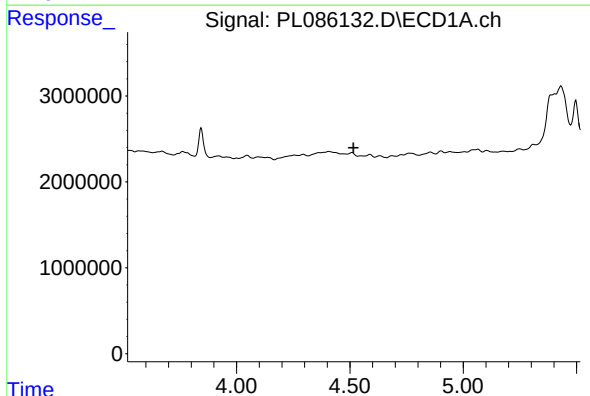
R.T.: 0.000 min  
Exp R.T.: 7.933 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



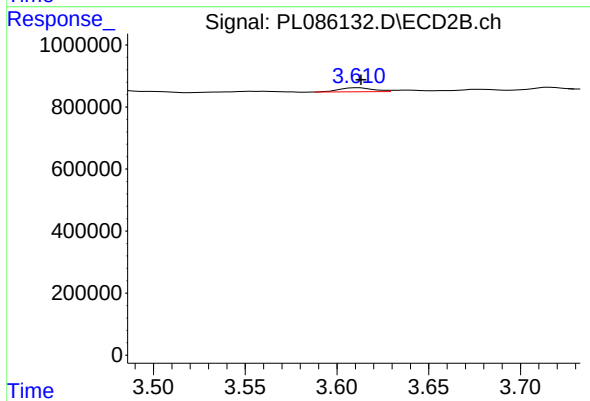
#22 Mirex

R.T.: 6.859 min  
Delta R.T.: 0.003 min  
Response: 66246  
Conc: 0.07 ng/ml



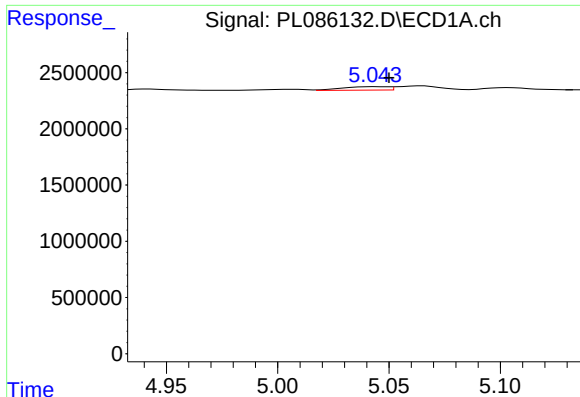
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

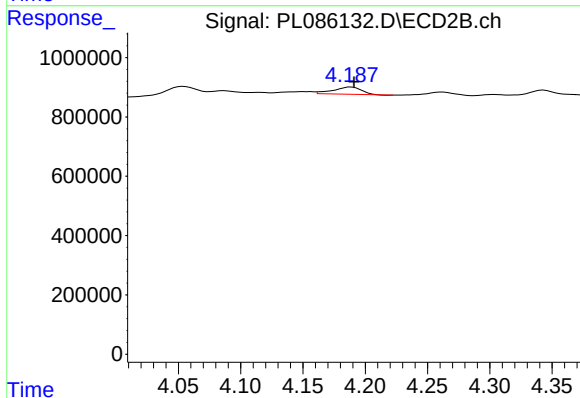
R.T.: 3.612 min  
Delta R.T.: -0.002 min  
Response: 169520  
Conc: 5.20 ng/ml



#24 Chlordane-2

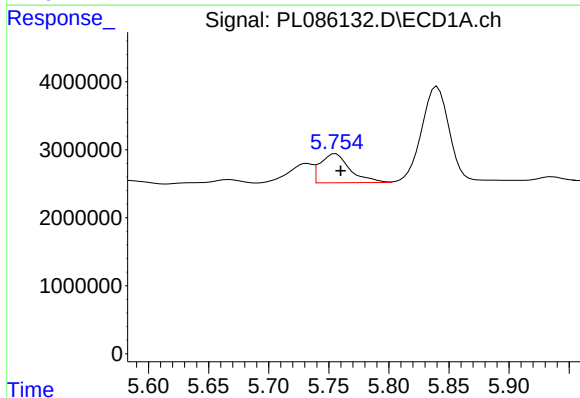
R.T.: 5.044 min  
Delta R.T.: -0.006 min  
Response: 451561  
Conc: 3.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



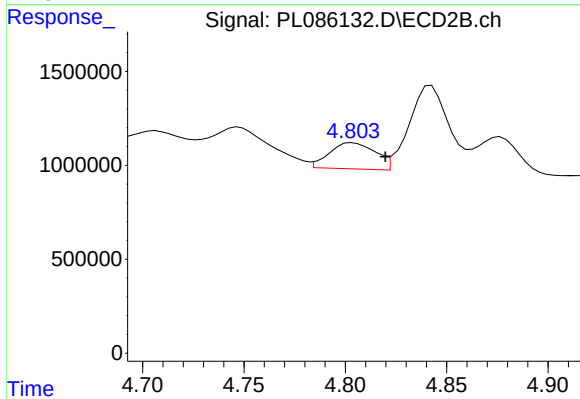
#24 Chlordane-2

R.T.: 4.189 min  
Delta R.T.: -0.002 min  
Response: 380965  
Conc: 9.79 ng/ml



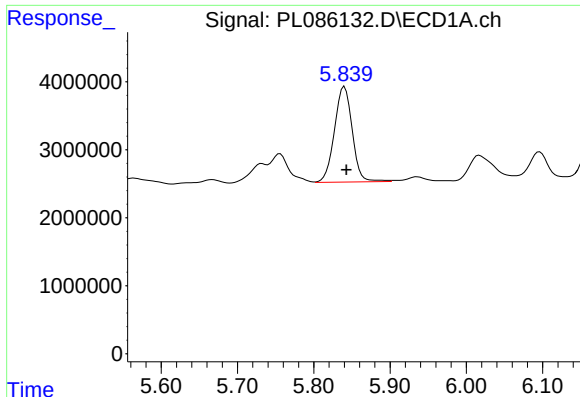
#25 Chlordane-3

R.T.: 5.756 min  
Delta R.T.: -0.004 min  
Response: 7355363  
Conc: 14.42 ng/ml



#25 Chlordane-3

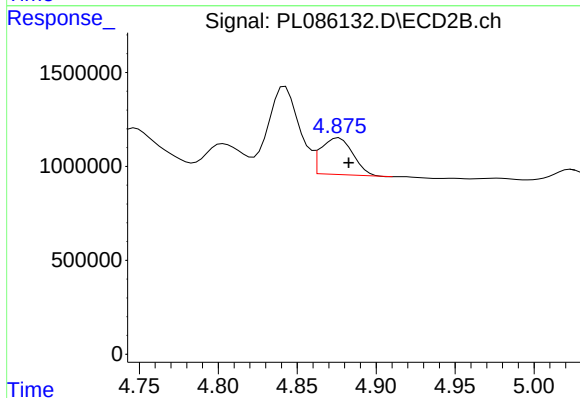
R.T.: 4.804 min  
Delta R.T.: -0.016 min  
Response: 2216624  
Conc: 21.94 ng/ml



#26 Chlordane-4

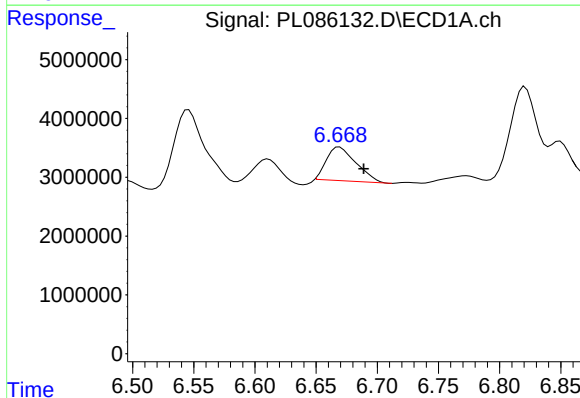
R.T.: 5.840 min  
Delta R.T.: -0.003 min  
Response: 22734346  
Conc: 35.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



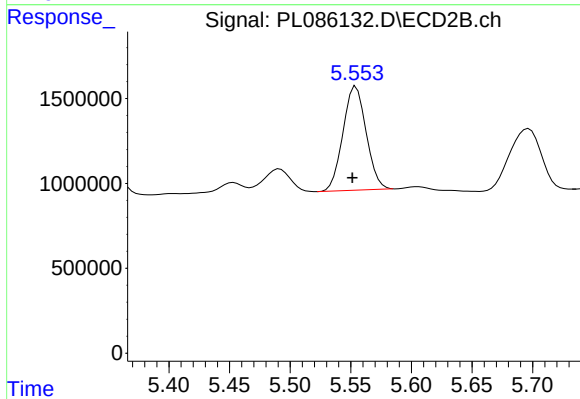
#26 Chlordane-4

R.T.: 4.876 min  
Delta R.T.: -0.006 min  
Response: 2745754  
Conc: 23.71 ng/ml



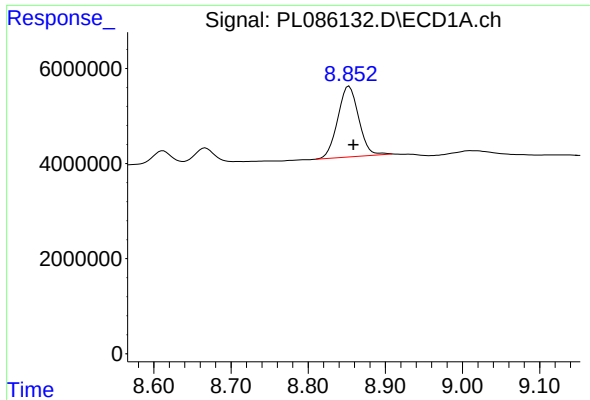
#27 Chlordane-5

R.T.: 6.669 min  
Delta R.T.: -0.020 min  
Response: 9578845  
Conc: 93.37 ng/ml



#27 Chlordane-5

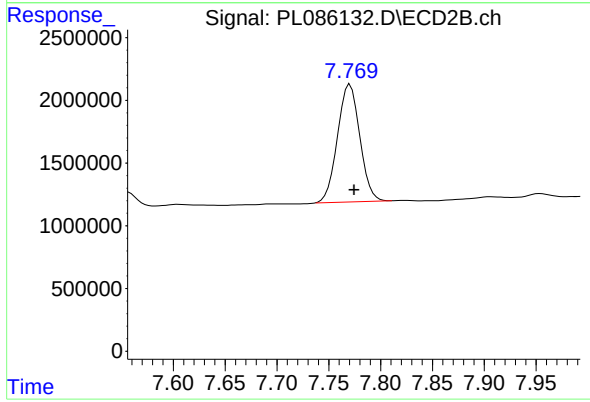
R.T.: 5.554 min  
Delta R.T.: 0.003 min  
Response: 8172159  
Conc: 293.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.853 min  
Delta R.T.: -0.006 min  
Response: 28169237  
Conc: 12.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.771 min  
Delta R.T.: -0.004 min  
Response: 14052765  
Conc: 15.23 ng/ml