

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080323\  
 Data File : PL084503.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2023 02:45  
 Operator : AR\AJ  
 Sample : 03886-01  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 04 05:19:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 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... | 3.477  | 2.687  | 39240328 | 18147977 | 16.889 | 16.689  |
| 28)                         | SA Decachlor... | 9.024  | 7.868  | 29897469 | 21967549 | 18.375 | 17.619  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.175f | 0        | 127520   | N.D.   | 0.083 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.526  | 0        | 285950   | N.D.   | 0.188 # |
| 4)                          | MA Heptachlor   | 4.854  | 3.840f | 575928   | -121029  | 0.171  | N.D. #  |
| 5)                          | MB Aldrin       | 5.206  | 4.134  | -7474    | 13659    | N.D.   | 0.009   |
| 6)                          | B beta-BHC      | 4.486f | 3.840f | 859516   | -121029  | 0.615  | N.D. #  |
| 7)                          | B delta-BHC     | 4.715  | 4.054  | 1303212  | 58958    | 0.404  | 0.039 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.042f | 0        | 448121   | N.D.   | 0.362 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.932f | 0        | 238797   | N.D.   | 0.176 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.972  | 0        | 176476   | N.D.   | 0.130 # |
| 12)                         | B 4,4'-DDE      | 6.171f | 5.169  | 178989   | 197329   | 0.078  | 0.160 # |
| 13)                         | MA Dieldrin     | 6.300  | 5.293  | 506811   | 239992   | 0.192  | 0.177   |
| 14)                         | MA Endrin       | 6.530  | 5.581f | 149796   | 327713   | 0.069  | 0.268 # |
| 15)                         | B Endosulfa...  | 6.746  | 5.860  | 970272   | 421274   | 0.459  | 0.349   |
| 16)                         | A 4,4'-DDD      | 6.679  | 0.000  | 1852719  | 0        | 1.105  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.966  | 0        | 788947   | N.D.   | 0.680 # |
| 18)                         | B Endrin al...  | 6.892f | 6.016f | 828943   | 3524003  | 0.491  | 3.553 # |
| 19)                         | B Endosulfa...  | 7.099  | 6.270  | 2043009  | 3709225  | 1.023  | 3.119 # |
| 21)                         | B Endrin ke...  | 7.580f | 0.000  | 6771178  | 0        | 3.385  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.703  | 0        | 100665   | N.D.   | 2.626 # |
| 24)                         | Chlordane-2     | 5.206f | 4.255  | -7474    | 70572    | N.D.   | 1.409   |
| 25)                         | Chlordane-3     | 0.000  | 4.932f | 0        | 238797   | N.D.   | 1.724 # |
| 26)                         | Chlordane-4     | 0.000  | 4.972  | 0        | 176476   | N.D.   | 1.230 # |
| 27)                         | Chlordane-5     | 6.796f | 5.860  | 688779   | 421274   | 9.252  | 8.271   |
| -----                       |                 |        |        |          |          |        |         |

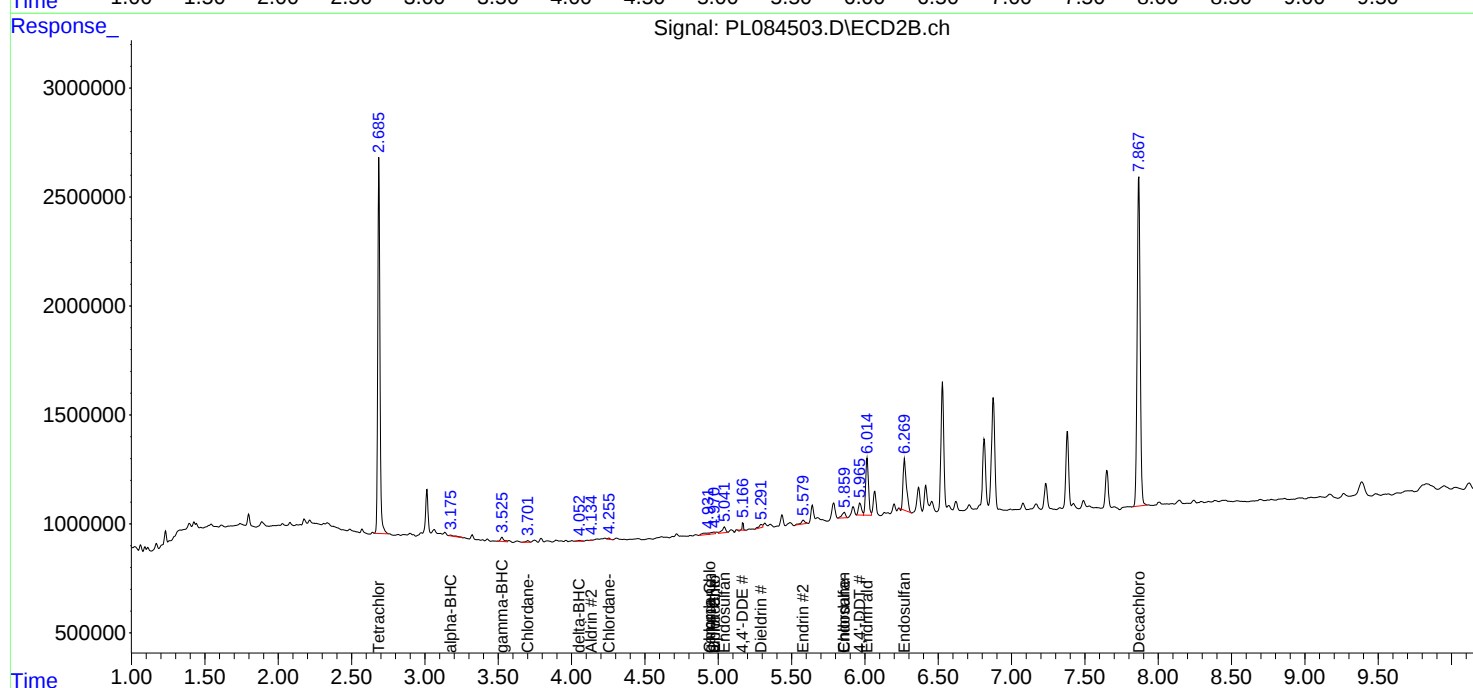
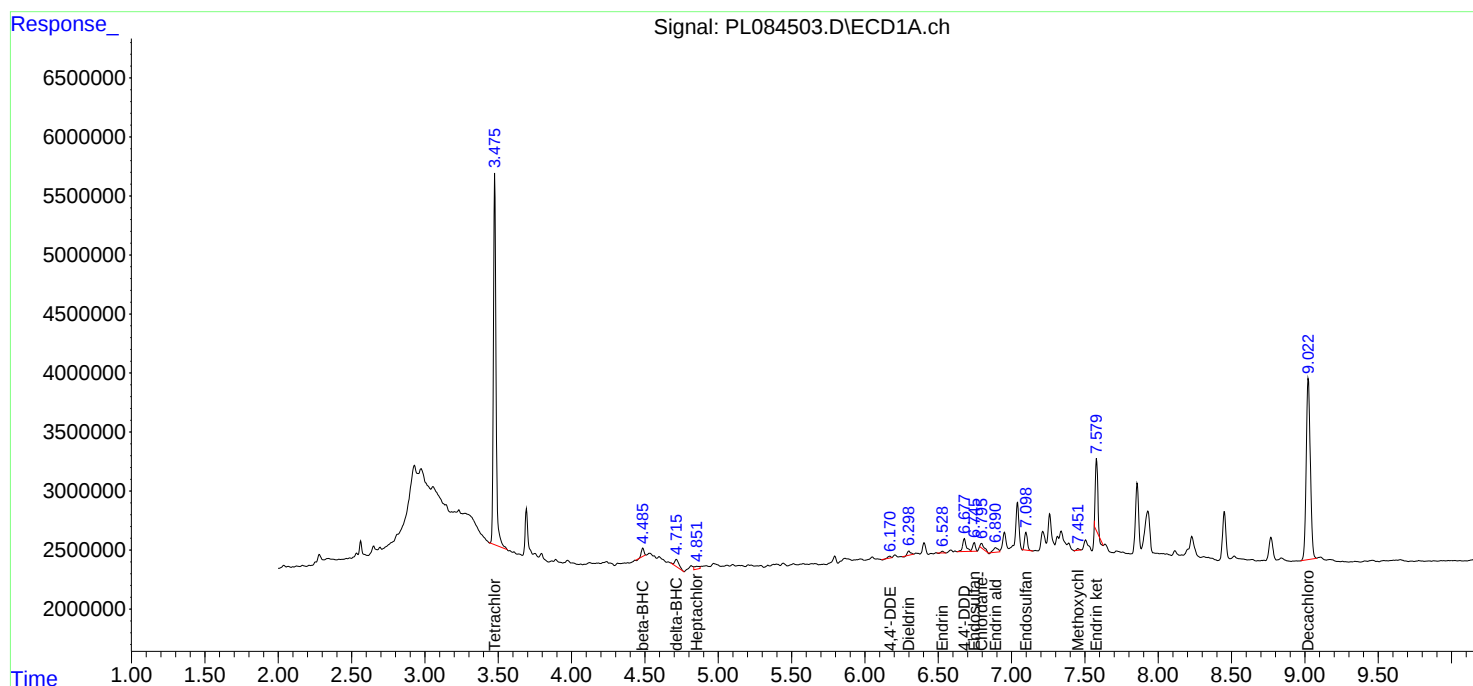
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

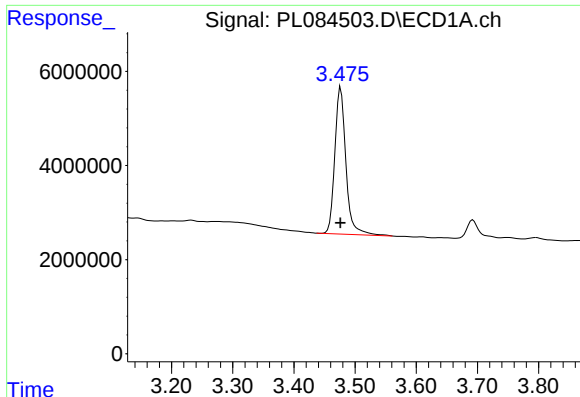
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080323\  
Data File : PL084503.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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ECD\_L  
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Quant Time: Aug 04 05:19:50 2023  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

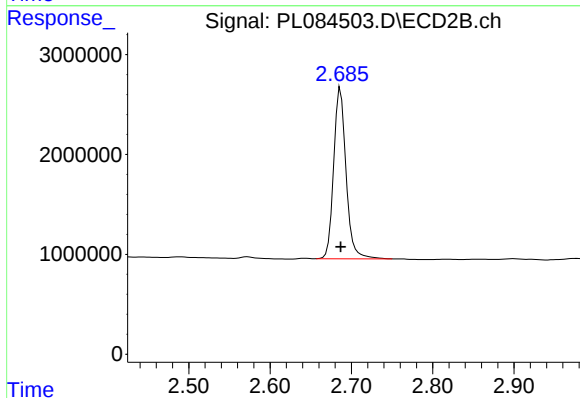




#1 Tetrachloro-m-xylene

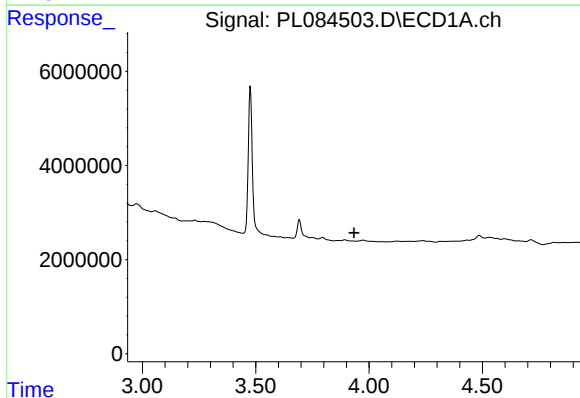
R.T.: 3.477 min  
Delta R.T.: 0.000 min  
Response: 39240328  
Conc: 16.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



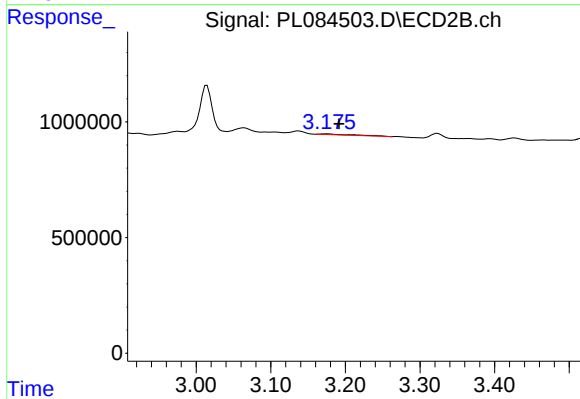
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 18147977  
Conc: 16.69 ng/ml



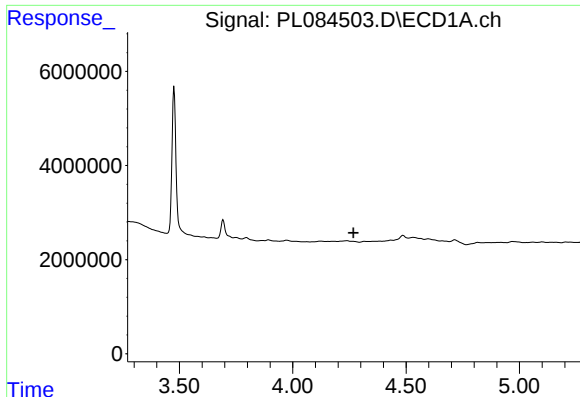
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.934 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

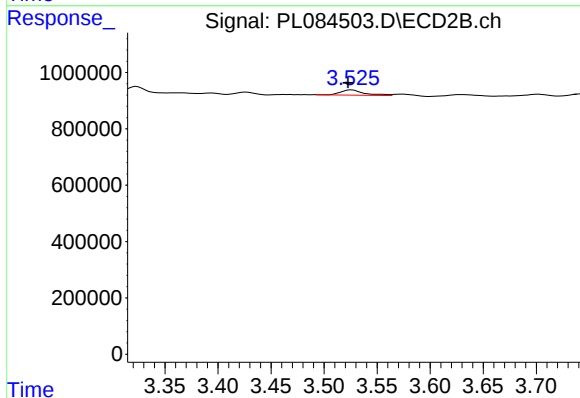
R.T.: 3.175 min  
Delta R.T.: -0.016 min  
Response: 127520  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

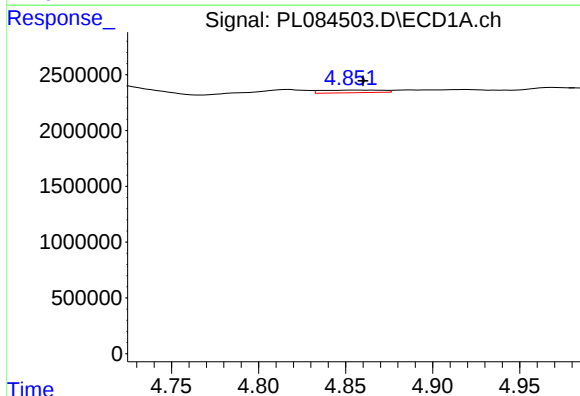
R.T.: 0.000 min  
Exp R.T.: 4.268 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



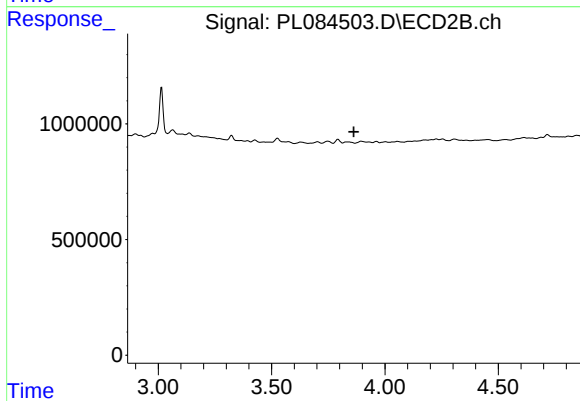
#3 gamma-BHC (Lindane)

R.T.: 3.526 min  
Delta R.T.: 0.004 min  
Response: 285950  
Conc: 0.19 ng/ml



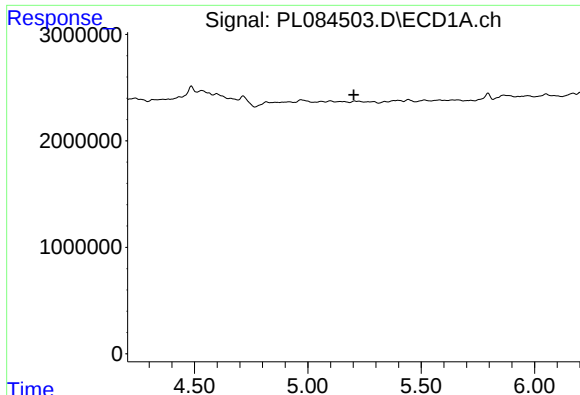
#4 Heptachlor

R.T.: 4.854 min  
Delta R.T.: -0.006 min  
Response: 575928  
Conc: 0.17 ng/ml



#4 Heptachlor

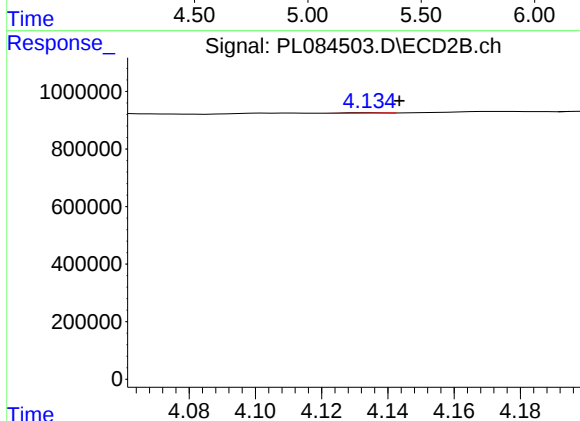
R.T.: 3.840 min  
Delta R.T.: -0.023 min  
Response: -121029  
Conc: N.D.



#5 Aldrin

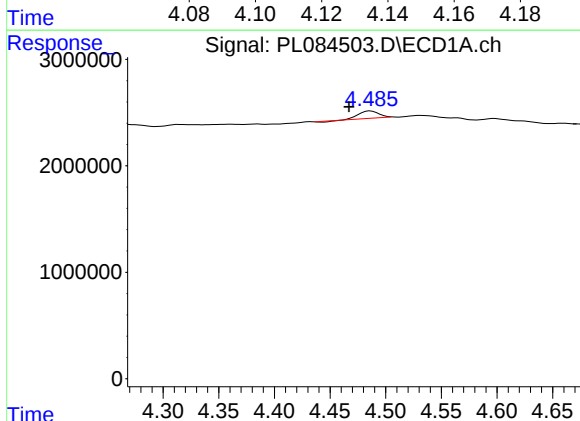
R.T.: 5.206 min  
Delta R.T.: 0.003 min  
Response: -7474  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



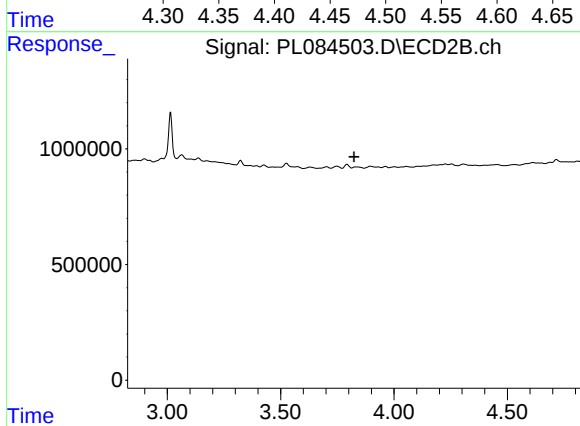
#5 Aldrin

R.T.: 4.134 min  
Delta R.T.: -0.009 min  
Response: 13659  
Conc: 0.01 ng/ml



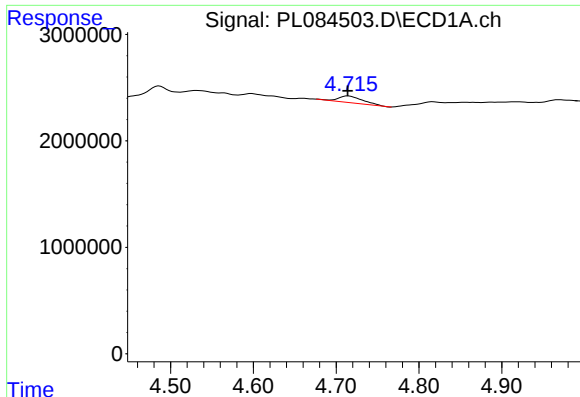
#6 beta-BHC

R.T.: 4.486 min  
Delta R.T.: 0.019 min  
Response: 859516  
Conc: 0.62 ng/ml



#6 beta-BHC

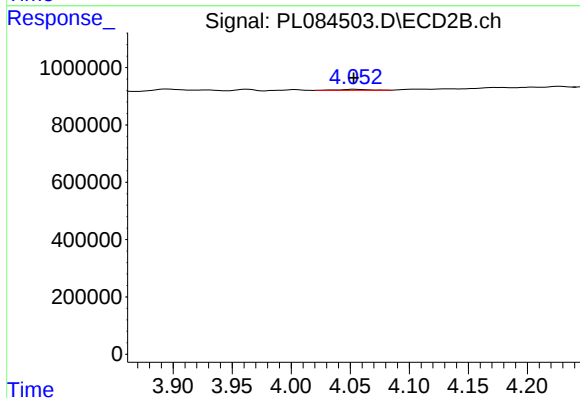
R.T.: 3.840 min  
Delta R.T.: 0.016 min  
Response: -121029  
Conc: N.D.



#7 delta-BHC

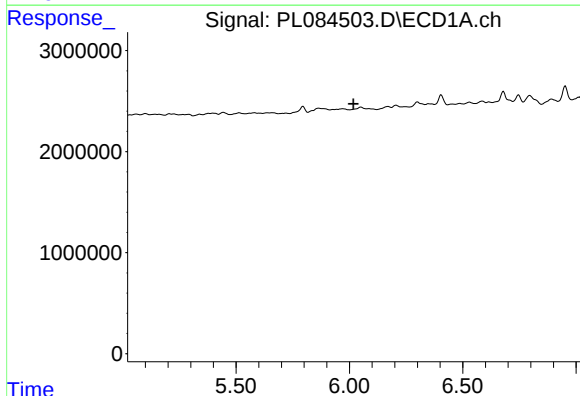
R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 1303212  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



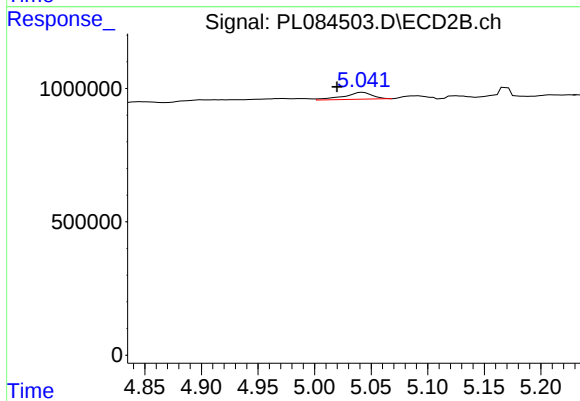
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.001 min  
Response: 58958  
Conc: 0.04 ng/ml



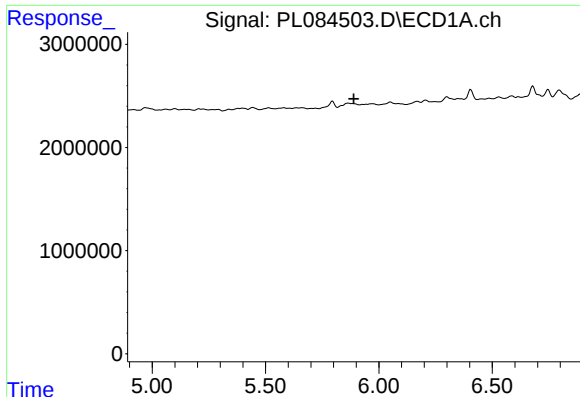
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.018 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

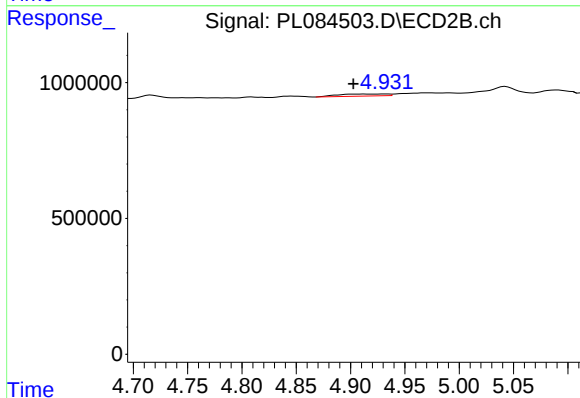
R.T.: 5.042 min  
Delta R.T.: 0.023 min  
Response: 448121  
Conc: 0.36 ng/ml



#10 gamma-Chlordane

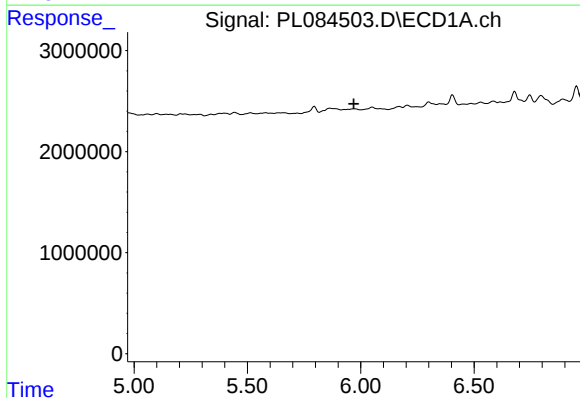
R.T.: 0.000 min  
Exp R.T.: 5.889 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



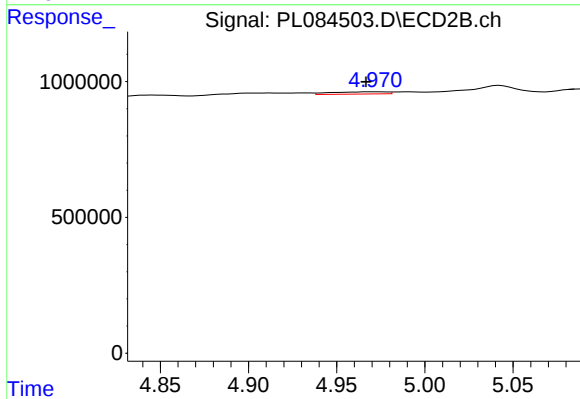
#10 gamma-Chlordane

R.T.: 4.932 min  
Delta R.T.: 0.030 min  
Response: 238797  
Conc: 0.18 ng/ml



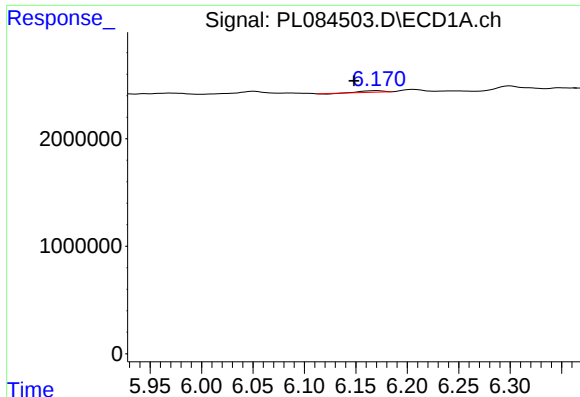
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

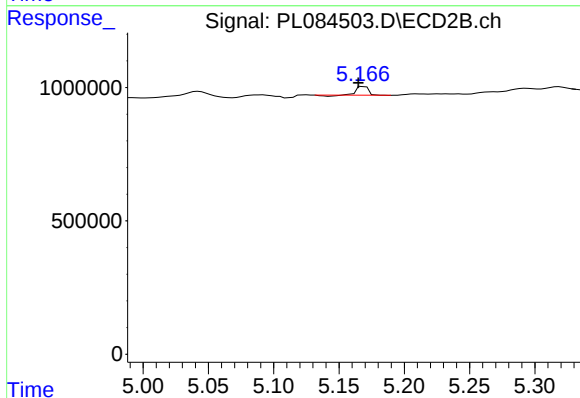
R.T.: 4.972 min  
Delta R.T.: 0.005 min  
Response: 176476  
Conc: 0.13 ng/ml



#12 4,4'-DDE

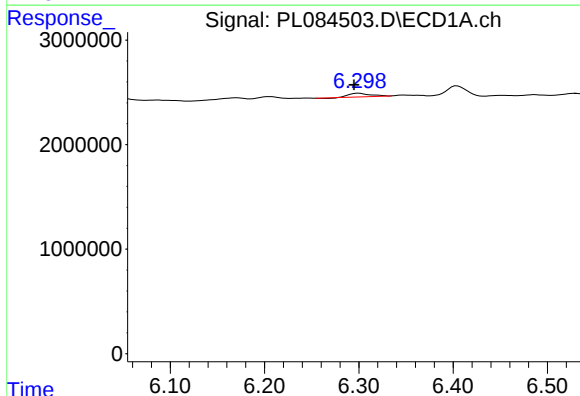
R.T.: 6.171 min  
Delta R.T.: 0.022 min  
Response: 178989  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



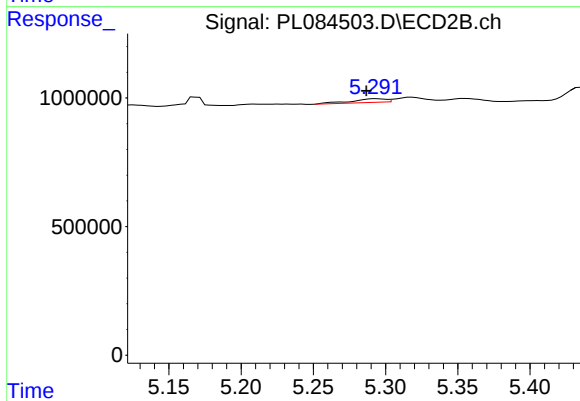
#12 4,4'-DDE

R.T.: 5.169 min  
Delta R.T.: 0.004 min  
Response: 197329  
Conc: 0.16 ng/ml



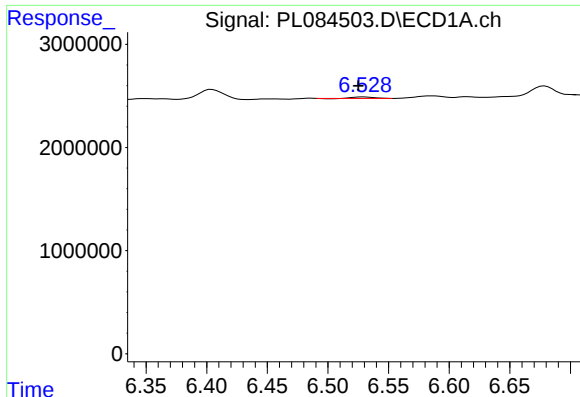
#13 Dieldrin

R.T.: 6.300 min  
Delta R.T.: 0.005 min  
Response: 506811  
Conc: 0.19 ng/ml



#13 Dieldrin

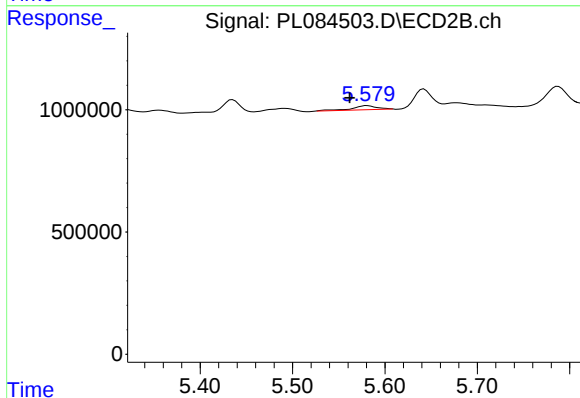
R.T.: 5.293 min  
Delta R.T.: 0.007 min  
Response: 239992  
Conc: 0.18 ng/ml



#14 Endrin

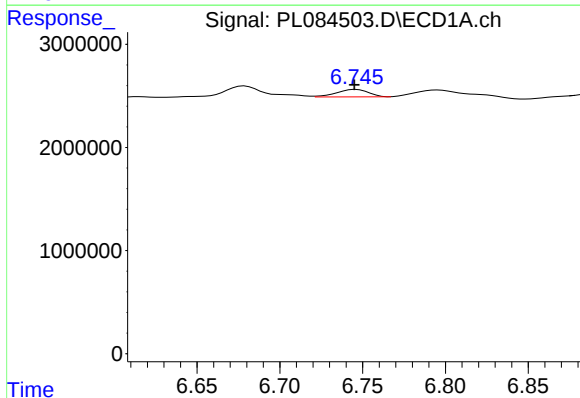
R.T.: 6.530 min  
Delta R.T.: 0.005 min  
Response: 149796  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



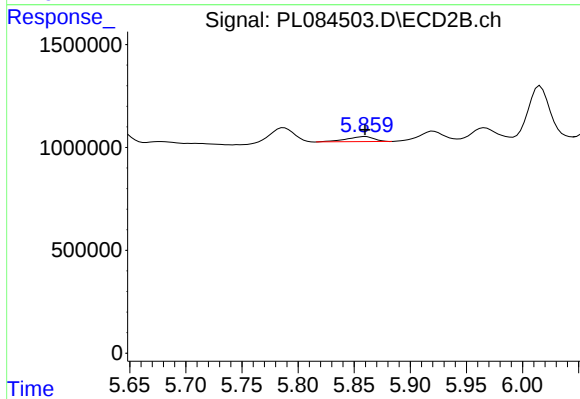
#14 Endrin

R.T.: 5.581 min  
Delta R.T.: 0.019 min  
Response: 327713  
Conc: 0.27 ng/ml



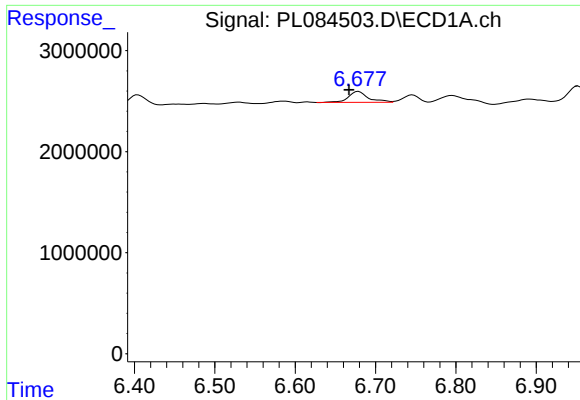
#15 Endosulfan II

R.T.: 6.746 min  
Delta R.T.: 0.001 min  
Response: 970272  
Conc: 0.46 ng/ml



#15 Endosulfan II

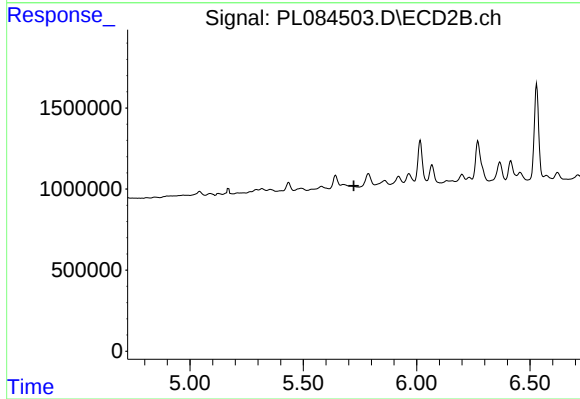
R.T.: 5.860 min  
Delta R.T.: 0.000 min  
Response: 421274  
Conc: 0.35 ng/ml



#16 4,4'-DDD

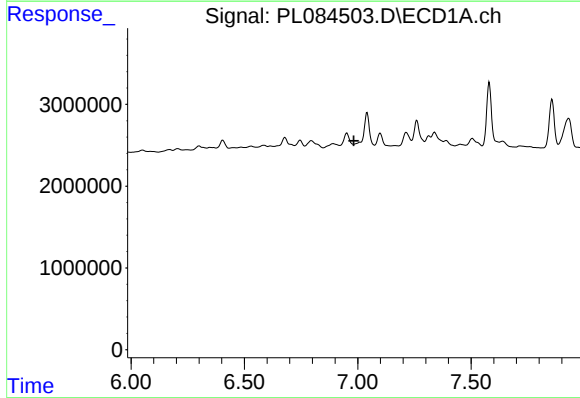
R.T.: 6.679 min  
Delta R.T.: 0.012 min  
Response: 1852719  
Conc: 1.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



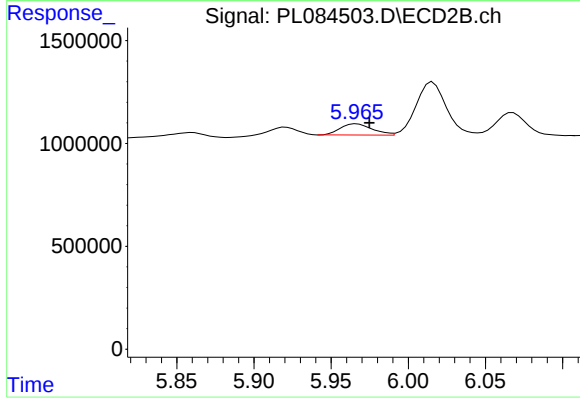
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.723 min  
Response: 0  
Conc: N.D.



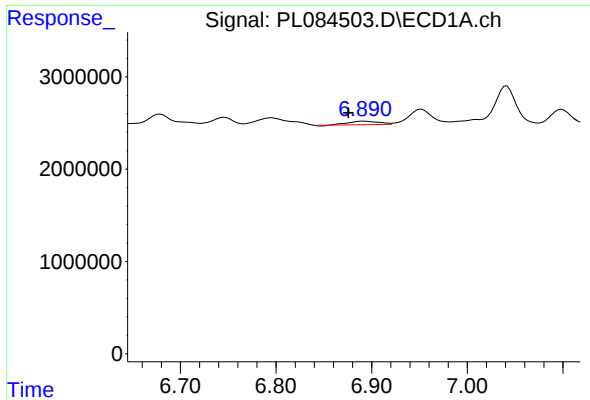
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.983 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

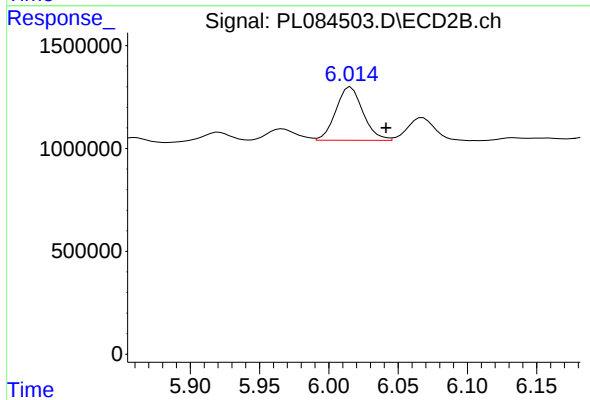
R.T.: 5.966 min  
Delta R.T.: -0.008 min  
Response: 788947  
Conc: 0.68 ng/ml



#18 Endrin aldehyde

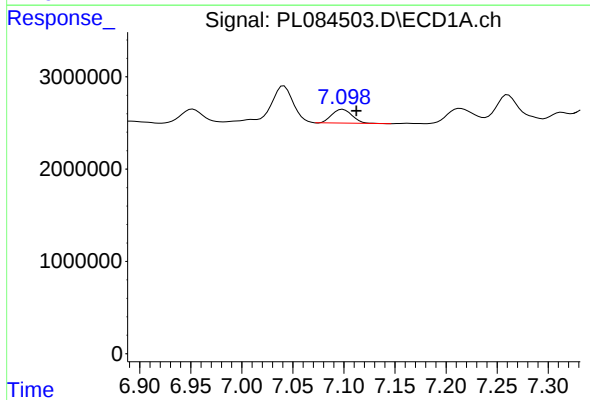
R.T.: 6.892 min  
Delta R.T.: 0.016 min  
Response: 828943  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



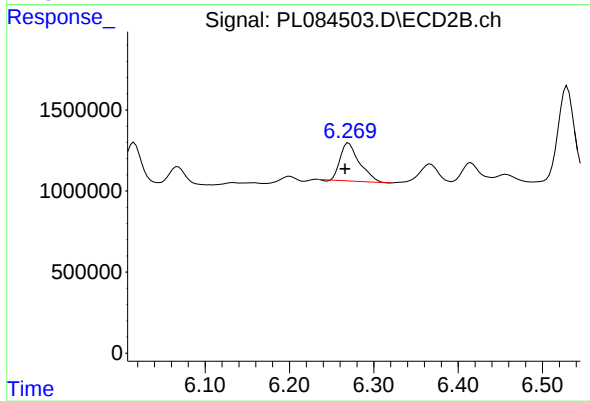
#18 Endrin aldehyde

R.T.: 6.016 min  
Delta R.T.: -0.025 min  
Response: 3524003  
Conc: 3.55 ng/ml



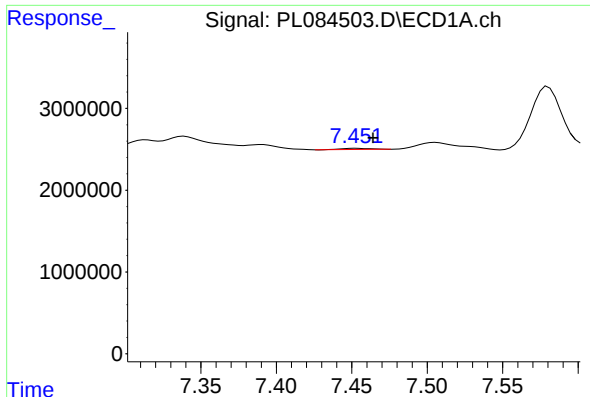
#19 Endosulfan Sulfate

R.T.: 7.099 min  
Delta R.T.: -0.013 min  
Response: 2043009  
Conc: 1.02 ng/ml



#19 Endosulfan Sulfate

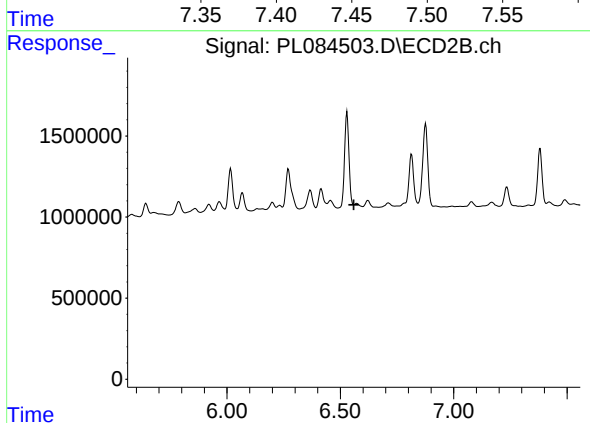
R.T.: 6.270 min  
Delta R.T.: 0.004 min  
Response: 3709225  
Conc: 3.12 ng/ml



#20 Methoxychlor

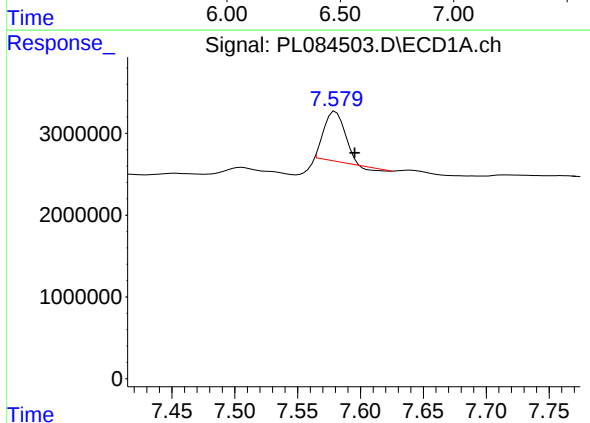
R.T.: 7.453 min  
Delta R.T.: -0.011 min  
Response: 174386  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



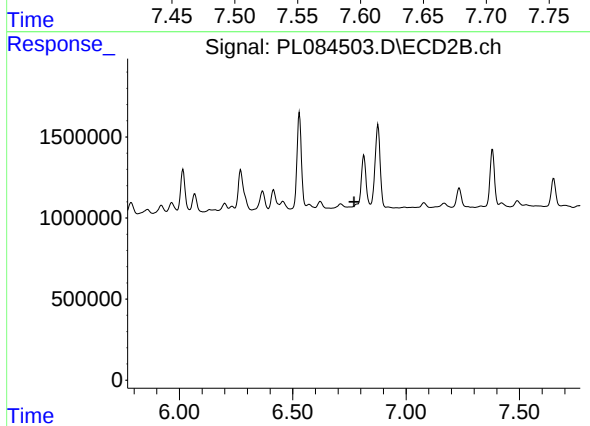
#20 Methoxychlor

R.T.: 6.572 min  
Delta R.T.: 0.013 min  
Response: -3414047  
Conc: N.D.



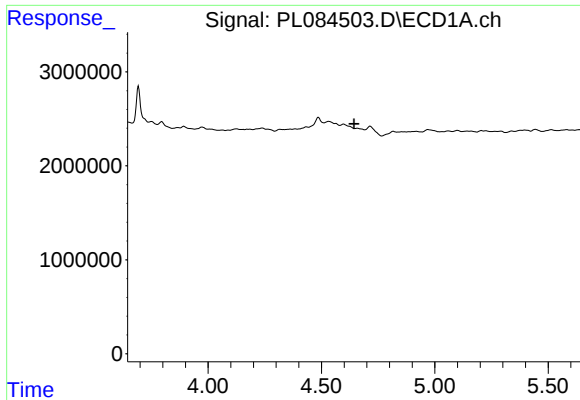
#21 Endrin ketone

R.T.: 7.580 min  
Delta R.T.: -0.015 min  
Response: 6771178  
Conc: 3.38 ng/ml



#21 Endrin ketone

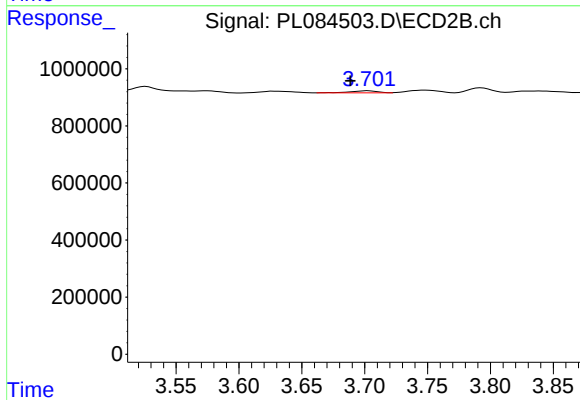
R.T.: 0.000 min  
Exp R.T.: 6.771 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

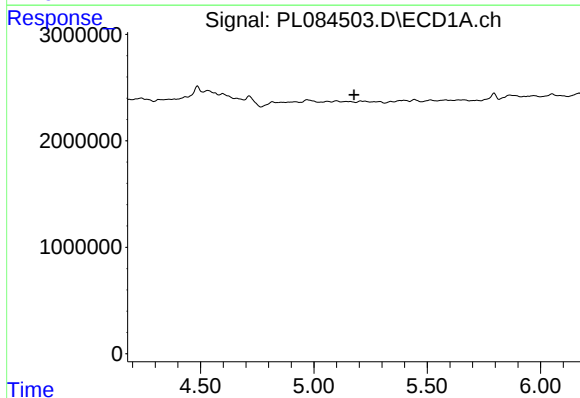
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



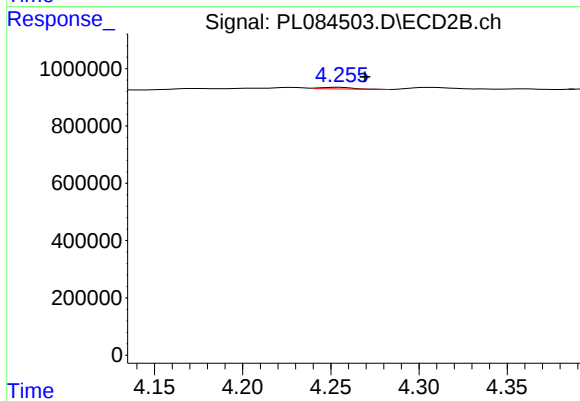
#23 Chlordane-1

R.T.: 3.703 min  
Delta R.T.: 0.014 min  
Response: 100665  
Conc: 2.63 ng/ml



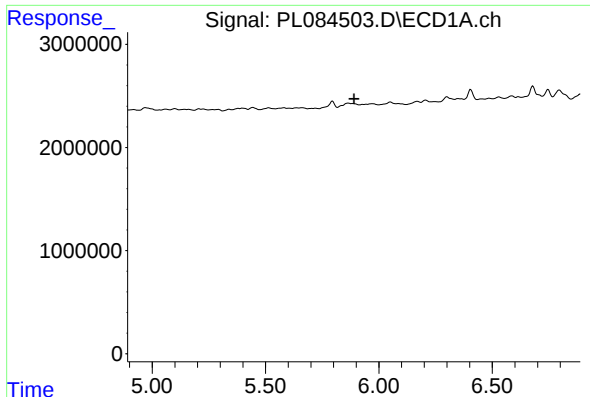
#24 Chlordane-2

R.T.: 5.206 min  
Delta R.T.: 0.029 min  
Response: -7474  
Conc: N.D.



#24 Chlordane-2

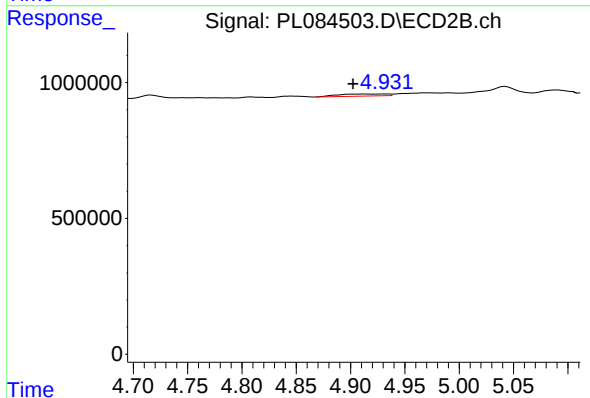
R.T.: 4.255 min  
Delta R.T.: -0.014 min  
Response: 70572  
Conc: 1.41 ng/ml



#25 Chlordane-3

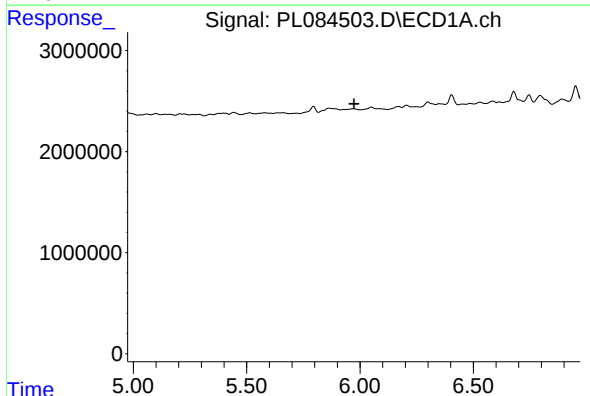
R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



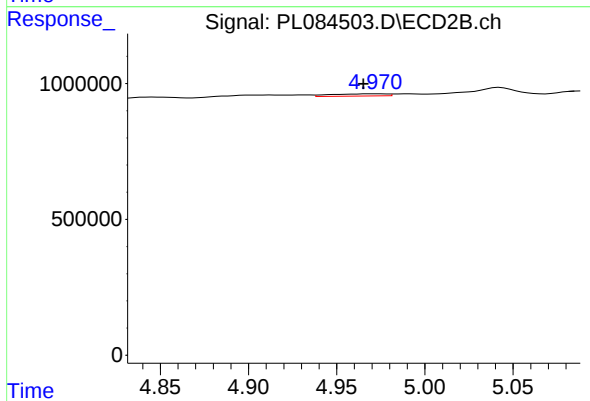
#25 Chlordane-3

R.T.: 4.932 min  
Delta R.T.: 0.030 min  
Response: 238797  
Conc: 1.72 ng/ml



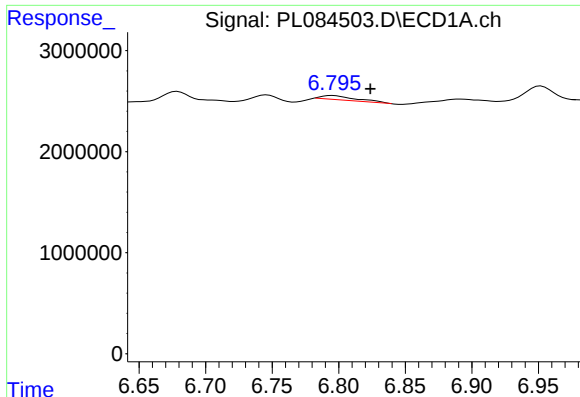
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

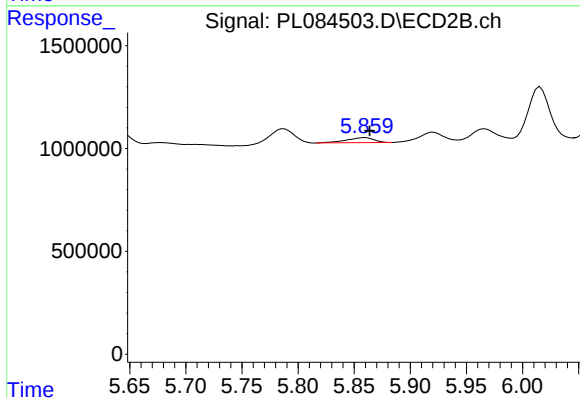
R.T.: 4.972 min  
Delta R.T.: 0.007 min  
Response: 176476  
Conc: 1.23 ng/ml



#27 Chlordane-5

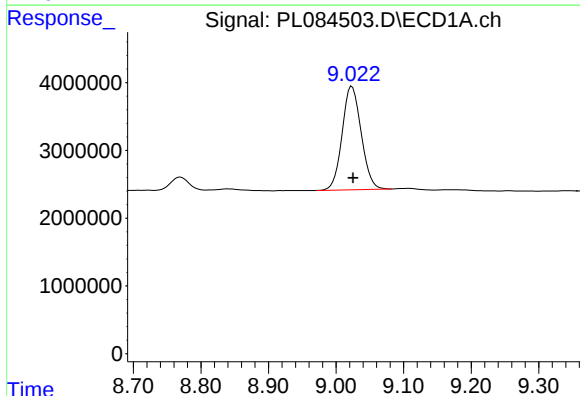
R.T.: 6.796 min  
Delta R.T.: -0.028 min  
Response: 688779  
Conc: 9.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



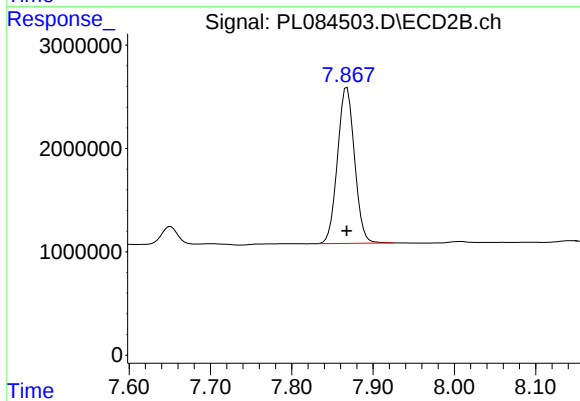
#27 Chlordane-5

R.T.: 5.860 min  
Delta R.T.: -0.004 min  
Response: 421274  
Conc: 8.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: -0.001 min  
Response: 29897469  
Conc: 18.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 21967549  
Conc: 17.62 ng/ml