

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091119\  
 Data File : PL052372.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Sep 2019 19:54  
 Operator : SG\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 12 03:46:57 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 12 03:37:35 2019  
 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... | 3.314 | 3.924  | 445.7E6 | 106.2E6  | 49.471   | 48.770     |
| 28)                         | SA Decachlor... | 7.970 | 8.949  | 660.7E6 | 141.7E6  | 47.093   | 47.764     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.741 | 4.312  | 755.8E6 | 158.1E6  | 49.966   | 49.133     |
| 3)                          | MA gamma-BHC... | 4.016 | 4.595  | 711.2E6 | 152.8E6  | 49.877   | 48.865     |
| 4)                          | MA Heptachlor   | 4.299 | 5.096  | 782.5E6 | 167.9E6  | 49.251   | 47.917     |
| 5)                          | MB Aldrin       | 4.537 | 5.397  | 720.7E6 | 161.4E6  | 49.282   | 47.067     |
| 6)                          | B beta-BHC      | 4.271 | 4.773  | 291.2E6 | 72534665 | 49.138   | 46.110     |
| 7)                          | B delta-BHC     | 4.463 | 4.986  | 759.6E6 | 155.1E6  | 49.194   | 48.901     |
| 8)                          | B Heptachlo...  | 4.972 | 5.784  | 718.0E6 | 158.0E6  | 48.696   | 44.714     |
| 9)                          | A Endosulfan I  | 5.302 | 6.139  | 698.2E6 | 157.6E6  | 47.042   | 46.366     |
| 10)                         | B gamma-Chl...  | 5.194 | 6.018  | 773.5E6 | 176.3E6  | 47.213   | 46.444     |
| 11)                         | B alpha-Chl...  | 5.250 | 6.089  | 748.1E6 | 170.7E6  | 47.058   | 46.756     |
| 12)                         | B 4,4'-DDE      | 5.417 | 6.250  | 768.6E6 | 171.5E6  | 47.850   | 46.760     |
| 13)                         | MA Dieldrin     | 5.540 | 6.395  | 790.6E6 | 168.7E6  | 47.295   | 46.877     |
| 14)                         | MA Endrin       | 5.793 | 6.612  | 756.5E6 | 147.3E6  | 47.156   | 46.998     |
| 15)                         | B Endosulfa...  | 6.068 | 6.825  | 714.0E6 | 157.3E6  | 45.881   | 45.665     |
| 16)                         | A 4,4'-DDD      | 5.928 | 6.740  | 633.1E6 | 136.1E6  | 46.831   | 46.598     |
| 17)                         | MA 4,4'-DDT     | 6.160 | 7.037  | 685.3E6 | 149.2E6  | 48.683   | 46.973     |
| 18)                         | B Endrin al...  | 6.234 | 6.949  | 602.1E6 | 136.6E6  | 47.228   | 46.230     |
| 19)                         | B Endosulfa...  | 6.446 | 7.172  | 678.2E6 | 150.8E6  | 45.781   | 46.197     |
| 20)                         | A Methoxychlor  | 6.705 | 7.498  | 358.2E6 | 80526660 | 49.128   | 47.120     |
| 21)                         | B Endrin ke...  | 6.927 | 7.640  | 772.5E6 | 161.4E6  | 47.190   | 47.143     |
| 22)                         | Mirex           | 7.100 | 8.087  | 571.6E6 | 124.5E6  | 47.417   | 46.304     |
| 24)                         | Chlordane-2     | 0.000 | 5.397f | 0       | 161.4E6  | N.D.     | 1596.938 # |
| 25)                         | Chlordane-3     | 5.194 | 6.018  | 773.5E6 | 176.3E6  | 580.994  | 403.815 #  |
| 26)                         | Chlordane-4     | 5.250 | 6.089  | 748.1E6 | 170.7E6  | 593.790  | 325.718 #  |
| 27)                         | Chlordane-5     | 6.068 | 0.000  | 714.0E6 | 0        | 1381.061 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

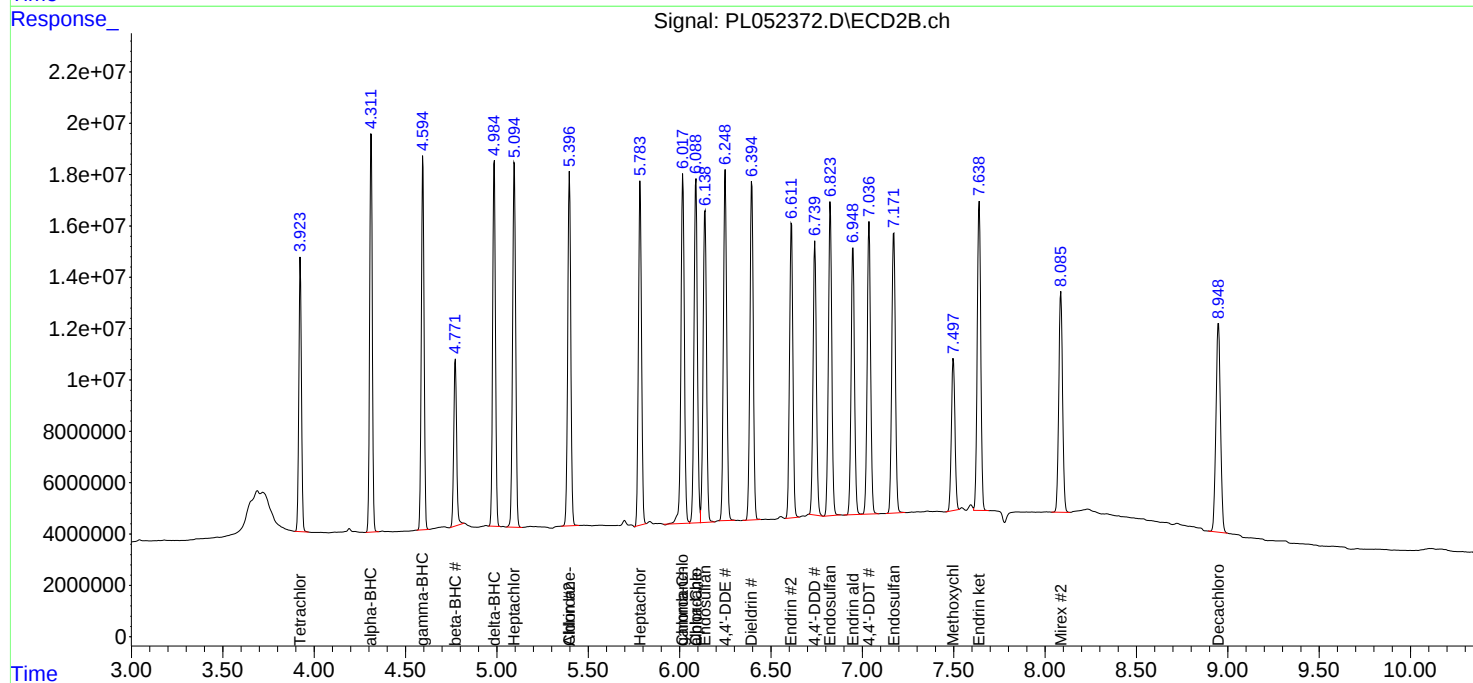
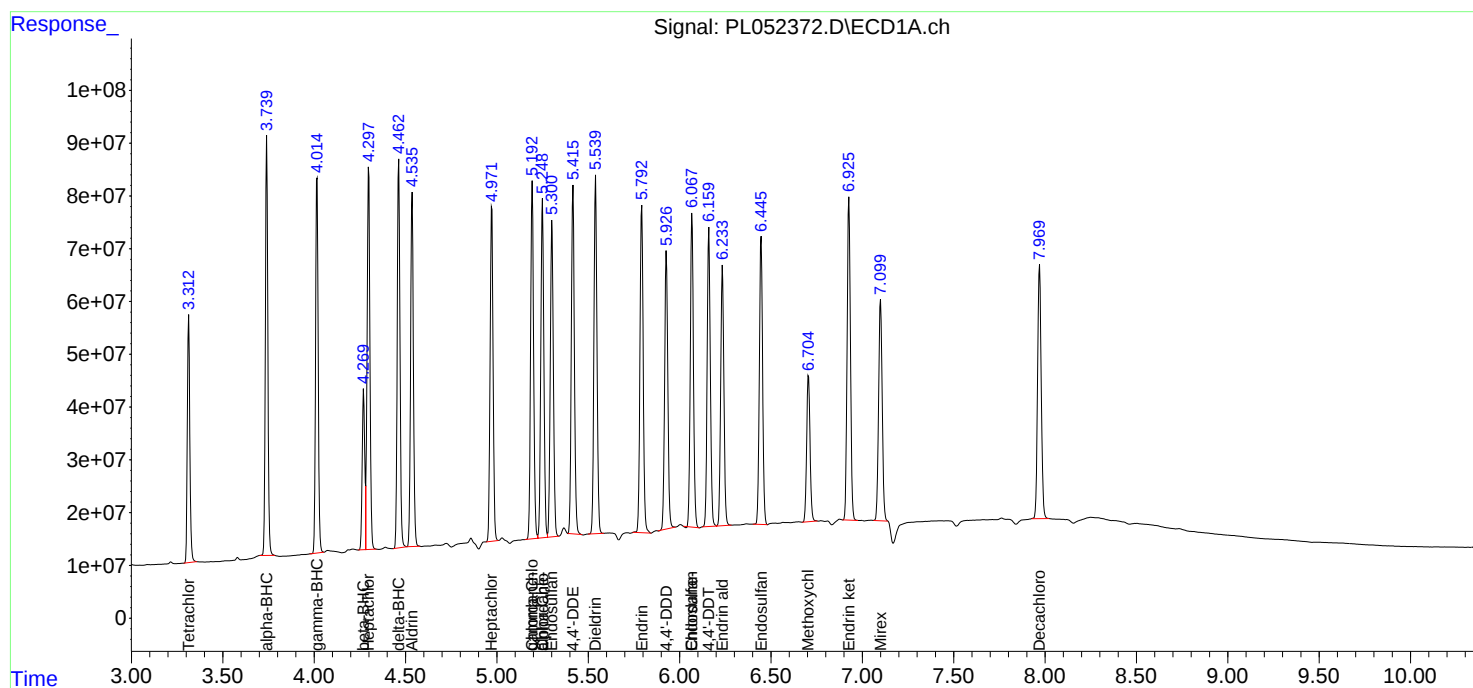
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

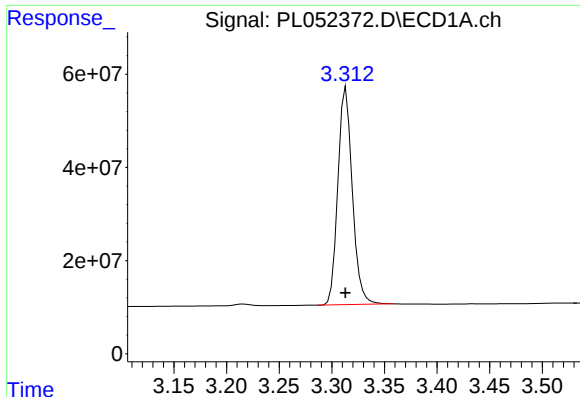
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091119\  
Data File : PL052372.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Sep 2019 19:54  
Operator : SG\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 12 03:46:57 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091119.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 12 03:37:35 2019  
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

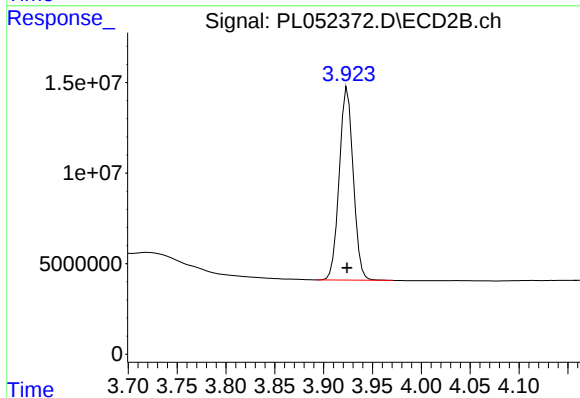




#1 Tetrachloro-m-xylene

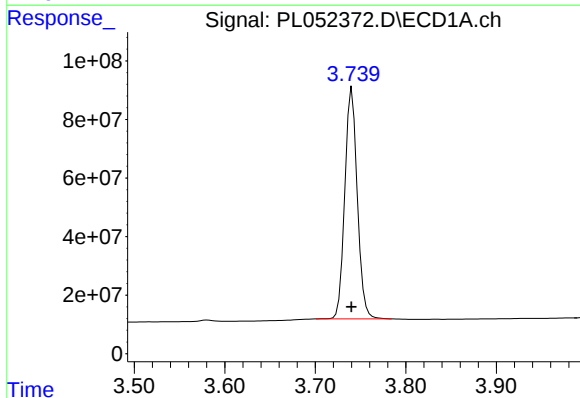
R.T.: 3.314 min  
Delta R.T.: 0.000 min  
Response: 445719655  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



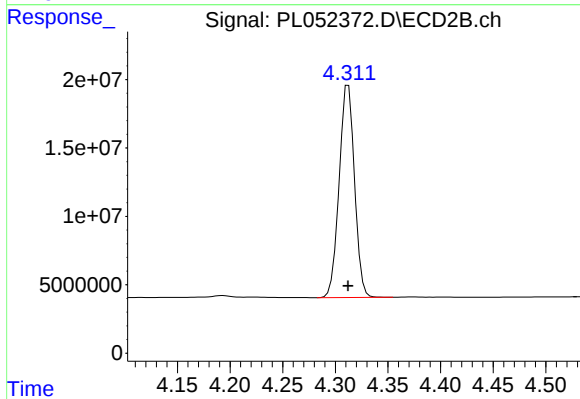
#1 Tetrachloro-m-xylene

R.T.: 3.924 min  
Delta R.T.: 0.000 min  
Response: 106209674  
Conc: 48.77 ng/ml



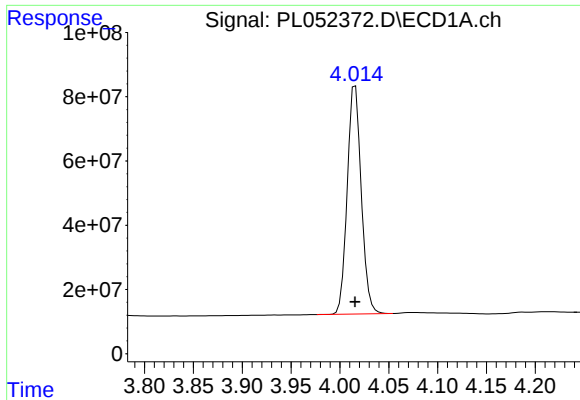
#2 alpha-BHC

R.T.: 3.741 min  
Delta R.T.: 0.000 min  
Response: 755769642  
Conc: 49.97 ng/ml



#2 alpha-BHC

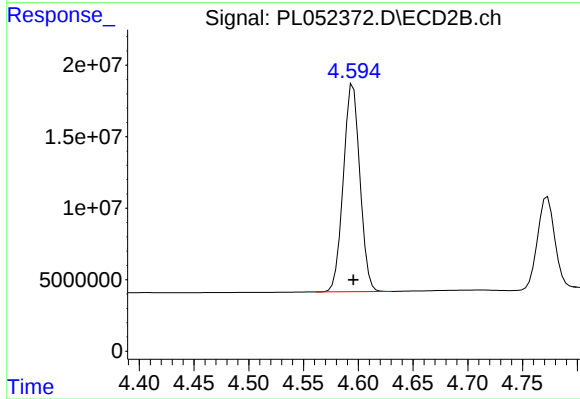
R.T.: 4.312 min  
Delta R.T.: 0.000 min  
Response: 158061462  
Conc: 49.13 ng/ml



#3 gamma-BHC (Lindane)

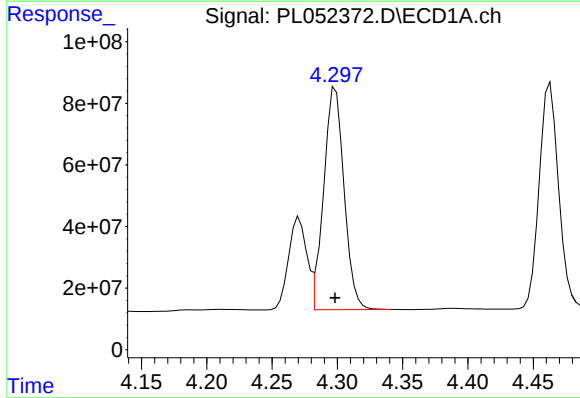
R.T.: 4.016 min  
Delta R.T.: 0.000 min  
Response: 711189892  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



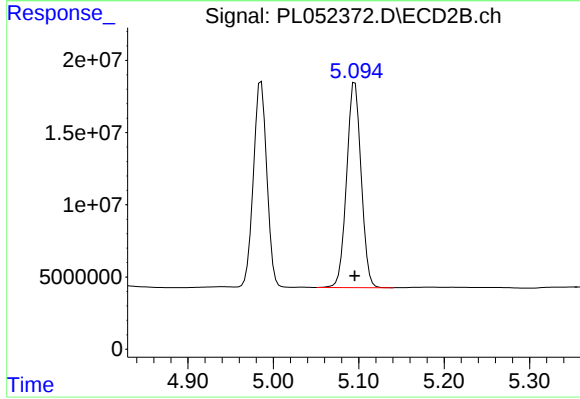
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: 0.000 min  
Response: 152780112  
Conc: 48.87 ng/ml



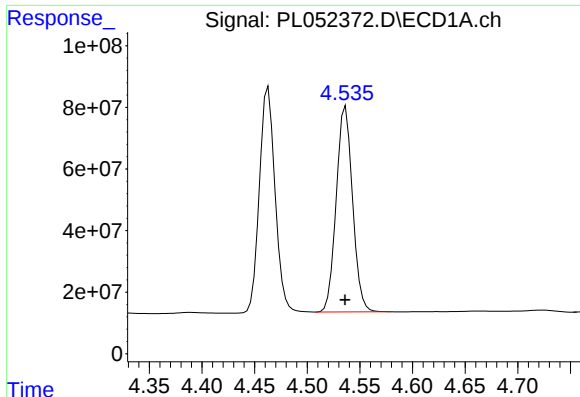
#4 Heptachlor

R.T.: 4.299 min  
Delta R.T.: 0.000 min  
Response: 782543129  
Conc: 49.25 ng/ml



#4 Heptachlor

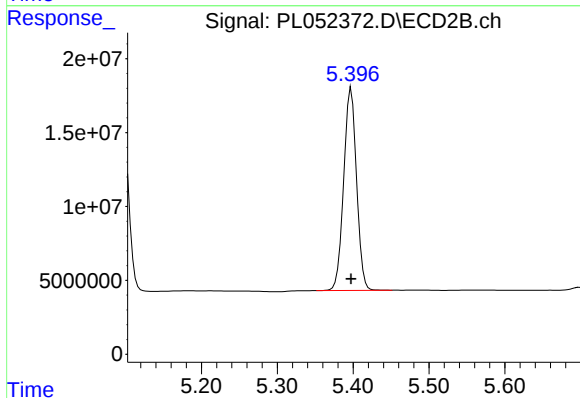
R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 167926225  
Conc: 47.92 ng/ml



#5 Aldrin

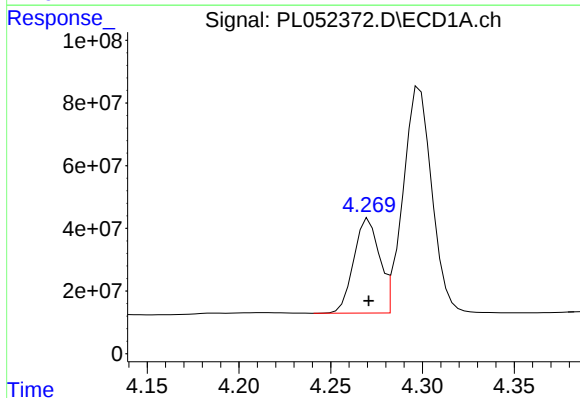
R.T.: 4.537 min  
Delta R.T.: 0.000 min  
Response: 720718416  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



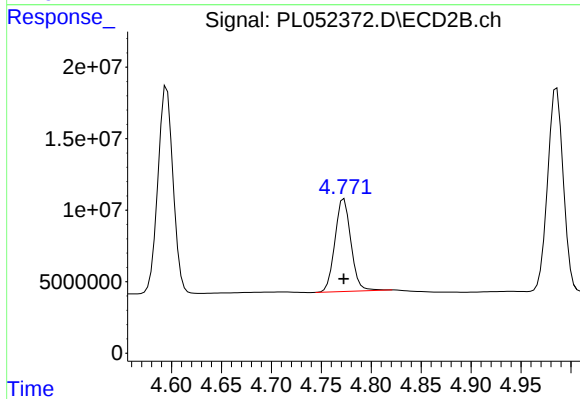
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 161372570  
Conc: 47.07 ng/ml



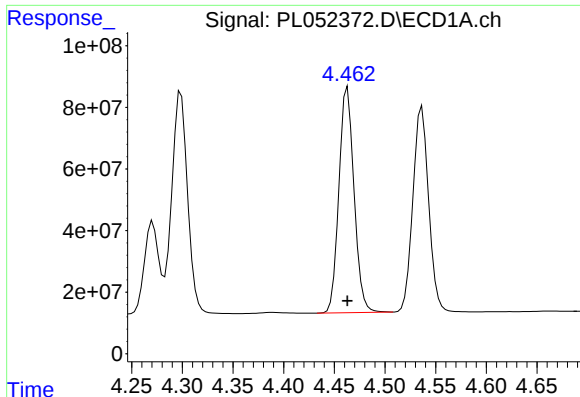
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: 0.000 min  
Response: 291237423  
Conc: 49.14 ng/ml



#6 beta-BHC

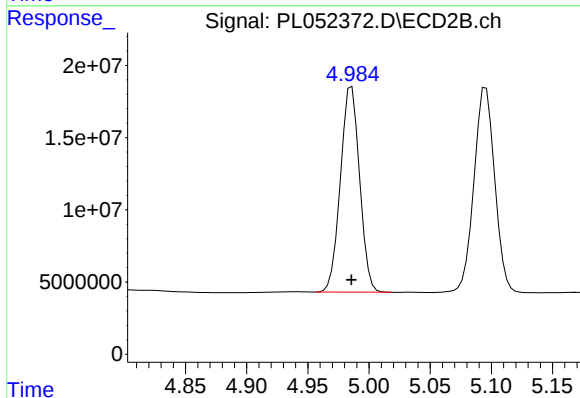
R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 72534665  
Conc: 46.11 ng/ml



#7 delta-BHC

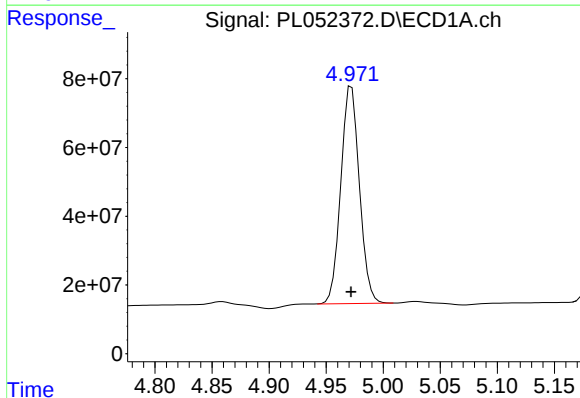
R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 759630293  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



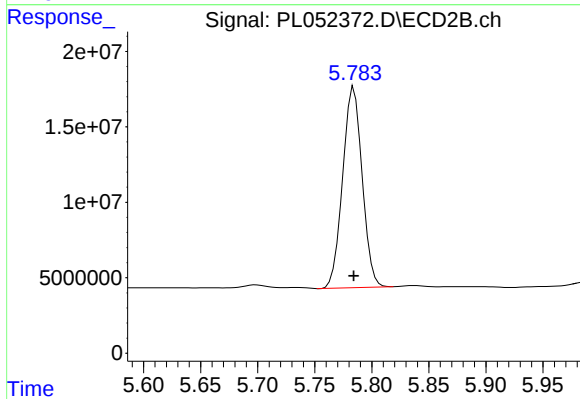
#7 delta-BHC

R.T.: 4.986 min  
Delta R.T.: 0.000 min  
Response: 155067283  
Conc: 48.90 ng/ml



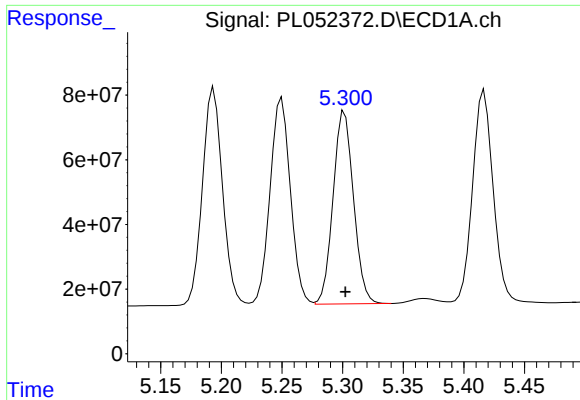
#8 Heptachlor epoxide

R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 718031162  
Conc: 48.70 ng/ml



#8 Heptachlor epoxide

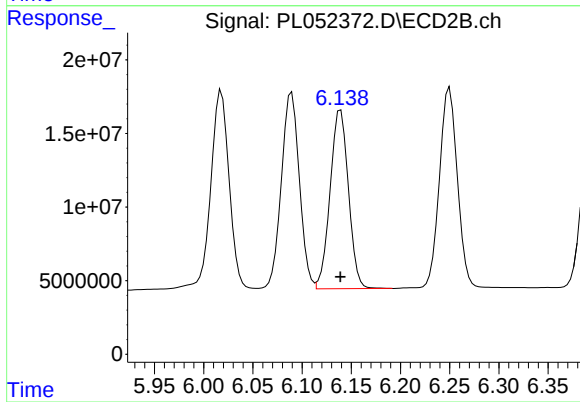
R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 158032088  
Conc: 44.71 ng/ml



#9 Endosulfan I

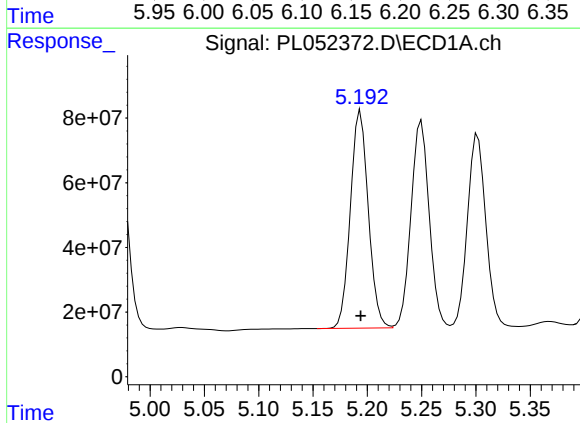
R.T.: 5.302 min  
Delta R.T.: 0.000 min  
Response: 698241236  
Conc: 47.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



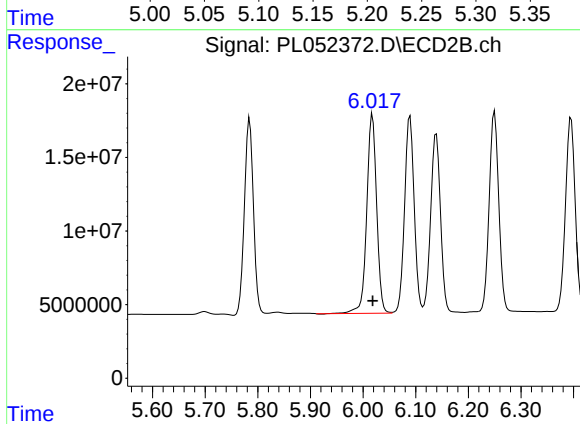
#9 Endosulfan I

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 157598556  
Conc: 46.37 ng/ml



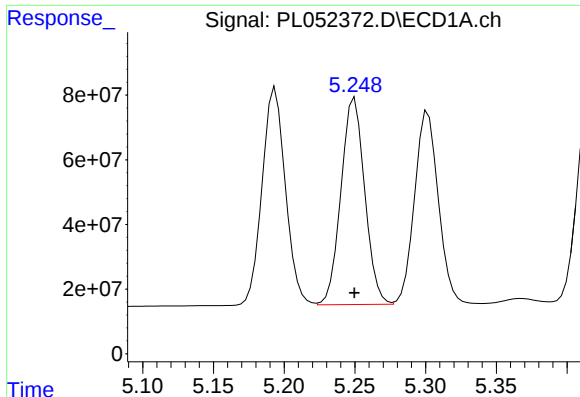
#10 gamma-Chlordane

R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 773524717  
Conc: 47.21 ng/ml



#10 gamma-Chlordane

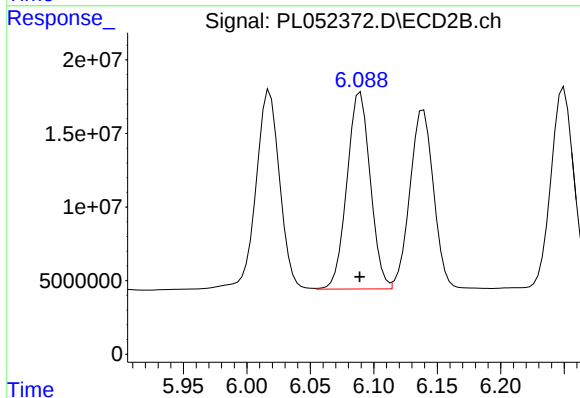
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 176332210  
Conc: 46.44 ng/ml



#11 alpha-Chlordane

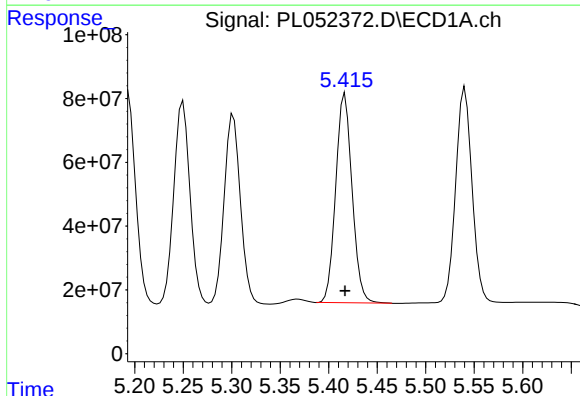
R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 748093591  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



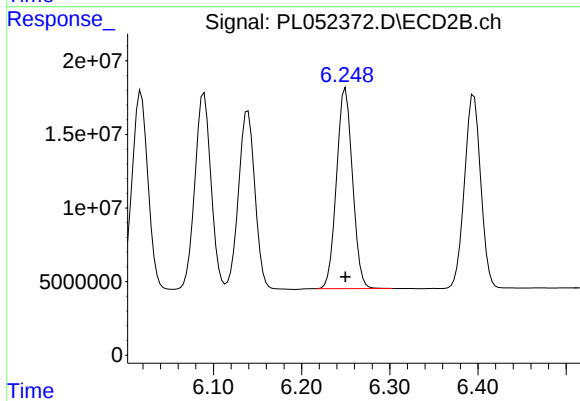
#11 alpha-Chlordane

R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 170709702  
Conc: 46.76 ng/ml



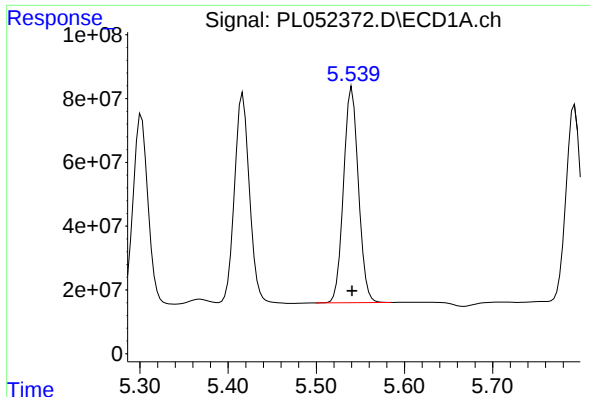
#12 4,4'-DDE

R.T.: 5.417 min  
Delta R.T.: 0.000 min  
Response: 768626700  
Conc: 47.85 ng/ml



#12 4,4'-DDE

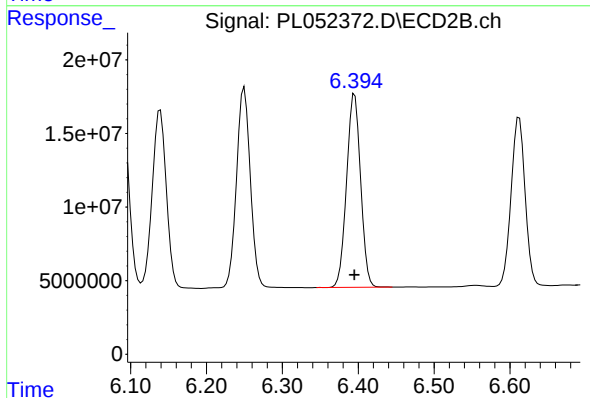
R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 171549810  
Conc: 46.76 ng/ml



#13 Dieldrin

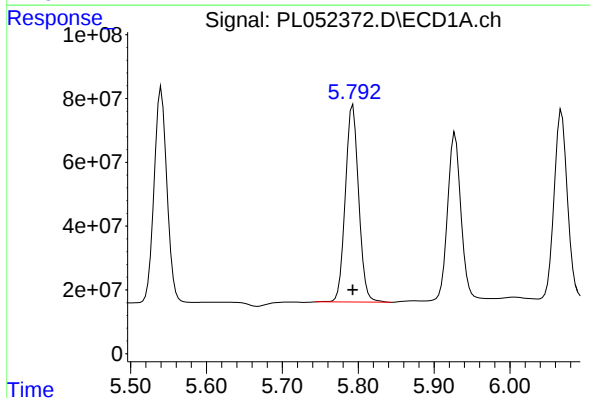
R.T.: 5.540 min  
Delta R.T.: 0.000 min  
Response: 790556317  
Conc: 47.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



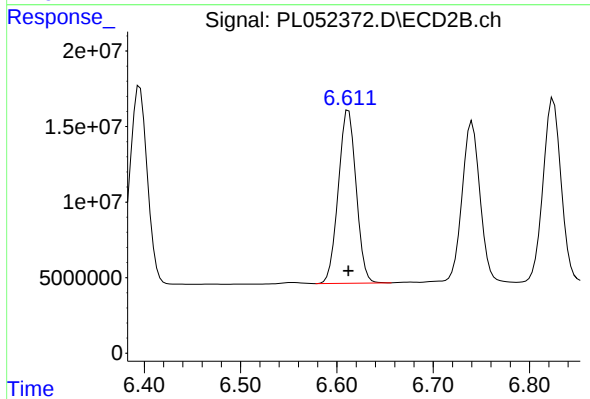
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 168740544  
Conc: 46.88 ng/ml



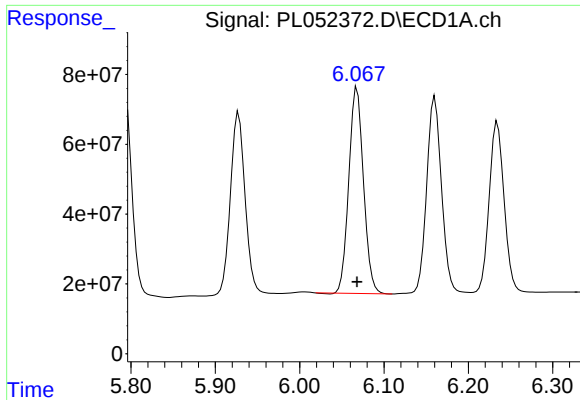
#14 Endrin

R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 756525044  
Conc: 47.16 ng/ml



#14 Endrin

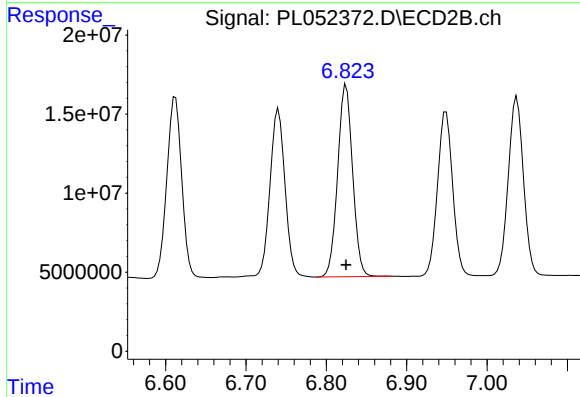
R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 147264672  
Conc: 47.00 ng/ml



#15 Endosulfan II

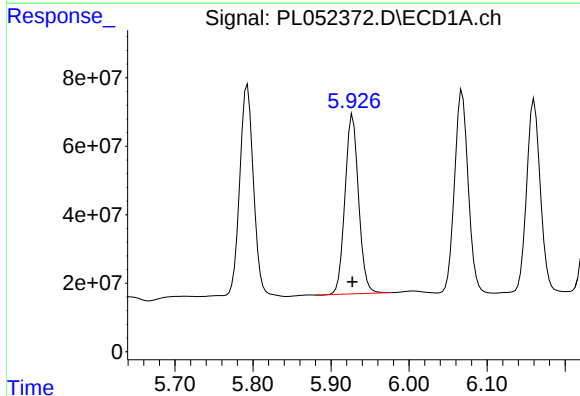
R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 713981545  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



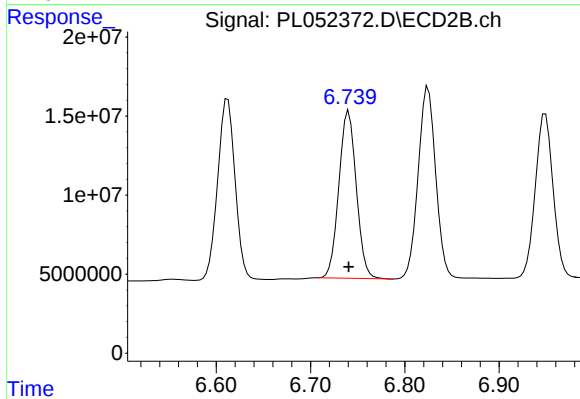
#15 Endosulfan II

R.T.: 6.825 min  
Delta R.T.: 0.000 min  
Response: 157255424  
Conc: 45.66 ng/ml



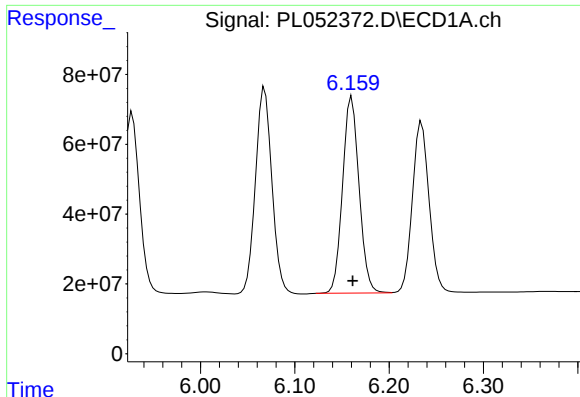
#16 4,4'-DDD

R.T.: 5.928 min  
Delta R.T.: 0.000 min  
Response: 633122059  
Conc: 46.83 ng/ml



#16 4,4'-DDD

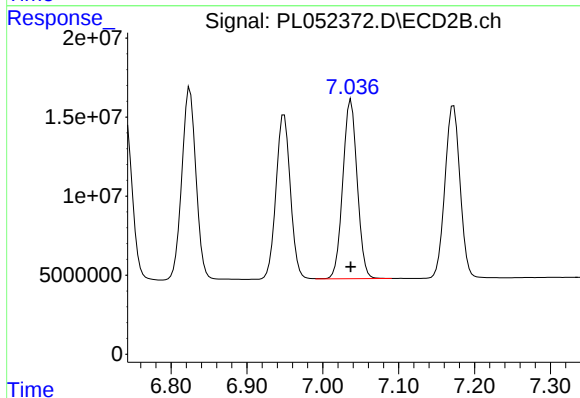
R.T.: 6.740 min  
Delta R.T.: 0.000 min  
Response: 136131681  
Conc: 46.60 ng/ml



#17 4,4'-DDT

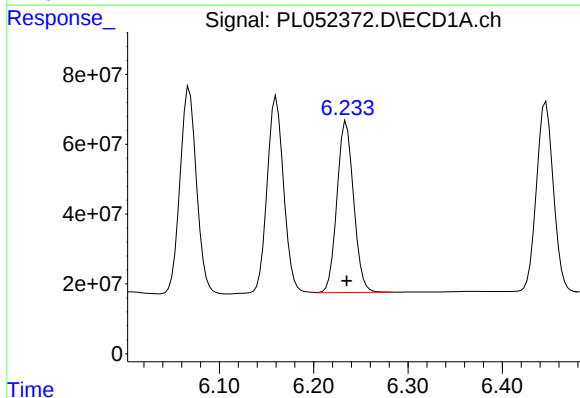
R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 685348064  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



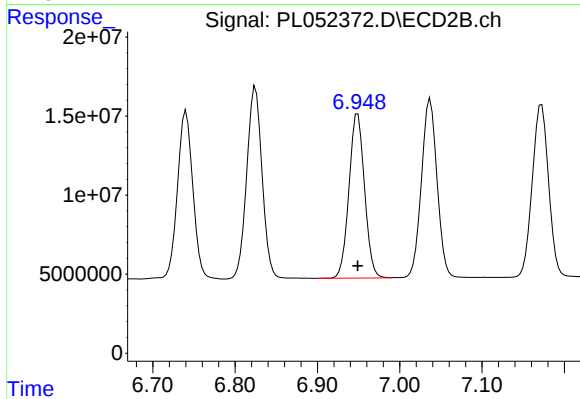
#17 4,4'-DDT

R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 149224397  
Conc: 46.97 ng/ml



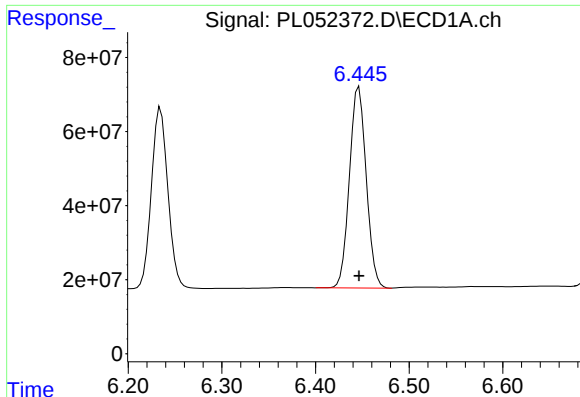
#18 Endrin aldehyde

R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 602117041  
Conc: 47.23 ng/ml



#18 Endrin aldehyde

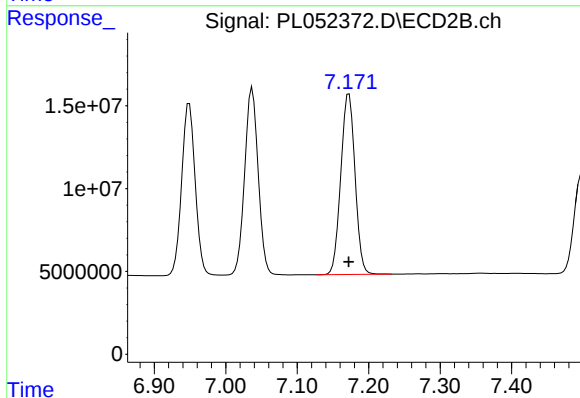
R.T.: 6.949 min  
Delta R.T.: 0.000 min  
Response: 136575638  
Conc: 46.23 ng/ml



#19 Endosulfan Sulfate

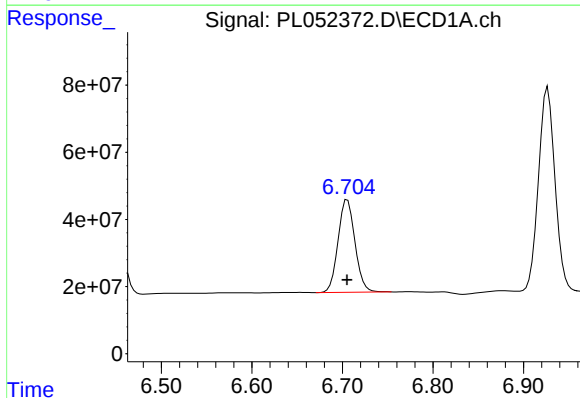
R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 678212282  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



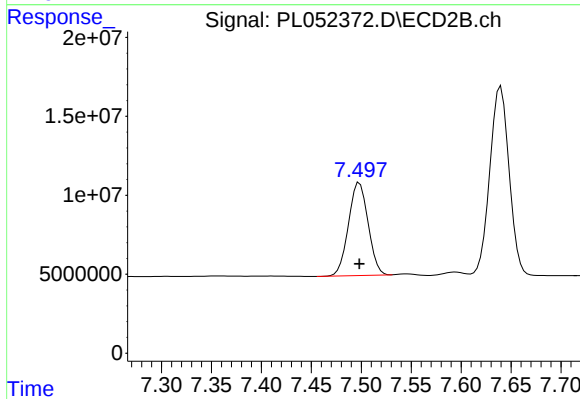
#19 Endosulfan Sulfate

R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 150751568  
Conc: 46.20 ng/ml



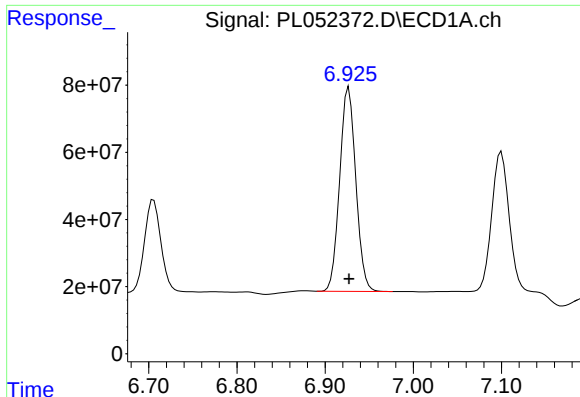
#20 Methoxychlor

R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 358238708  
Conc: 49.13 ng/ml



#20 Methoxychlor

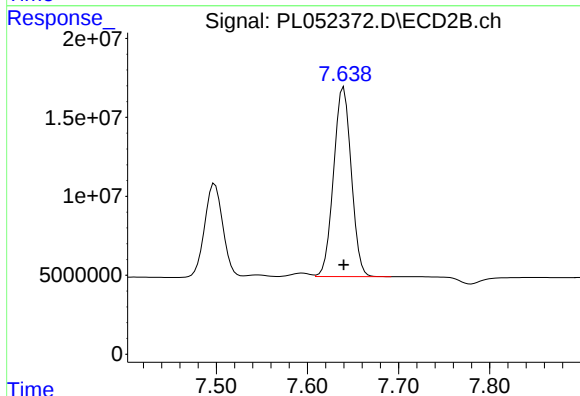
R.T.: 7.498 min  
Delta R.T.: 0.000 min  
Response: 80526660  
Conc: 47.12 ng/ml



#21 Endrin ketone

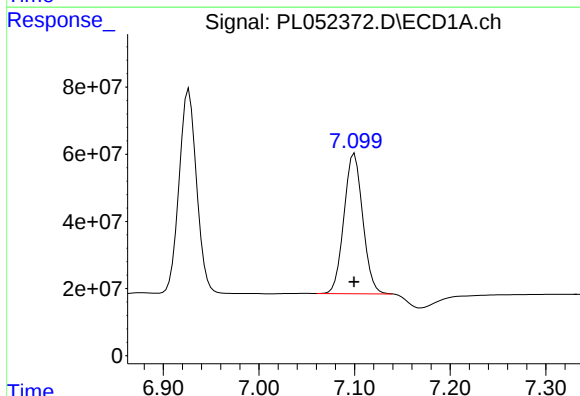
R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 772535144  
Conc: 47.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



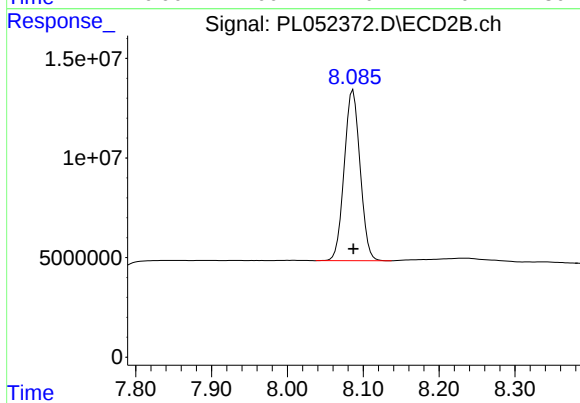
#21 Endrin ketone

R.T.: 7.640 min  
Delta R.T.: 0.000 min  
Response: 161422433  
Conc: 47.14 ng/ml



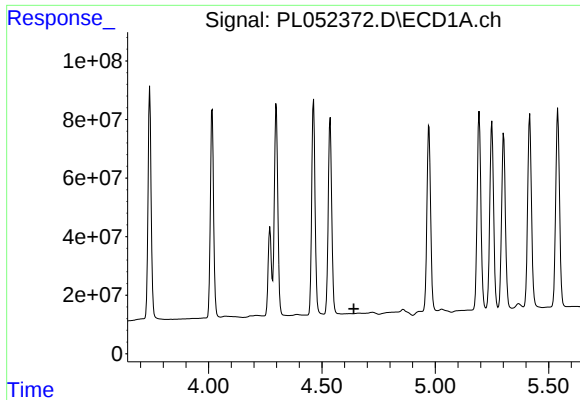
#22 Mirex

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 571645843  
Conc: 47.42 ng/ml



#22 Mirex

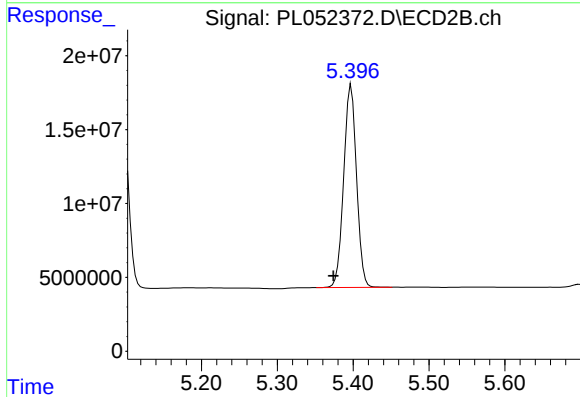
R.T.: 8.087 min  
Delta R.T.: 0.000 min  
Response: 124486781  
Conc: 46.30 ng/ml



#24 Chlordane-2

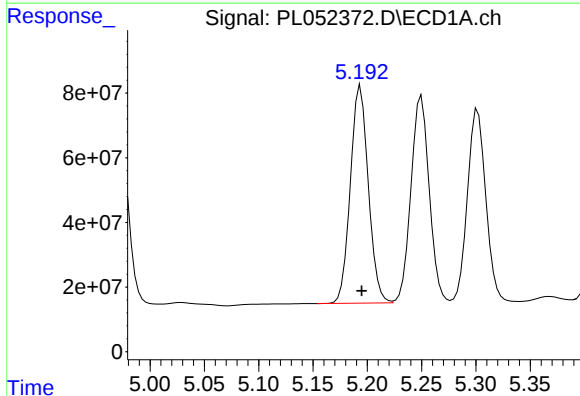
R.T.: 0.000 min  
Exp R.T.: 4.641 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



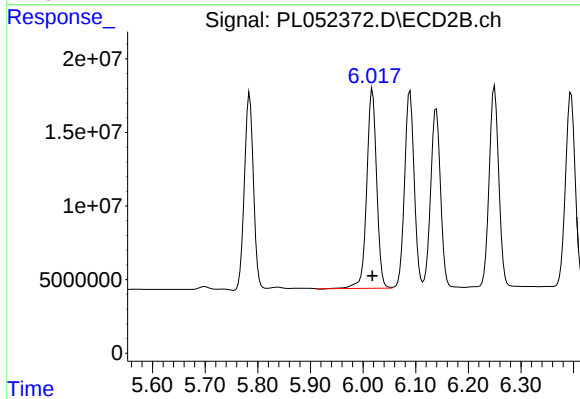
#24 Chlordane-2

R.T.: 5.397 min  
Delta R.T.: 0.023 min  
Response: 161372570  
Conc: 1596.94 ng/ml



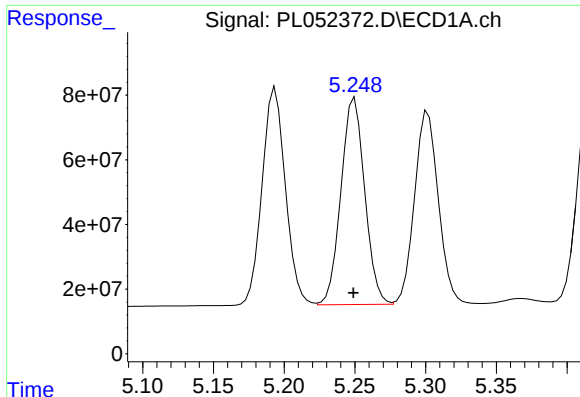
#25 Chlordane-3

R.T.: 5.194 min  
Delta R.T.: -0.001 min  
Response: 773524717  
Conc: 580.99 ng/ml



#25 Chlordane-3

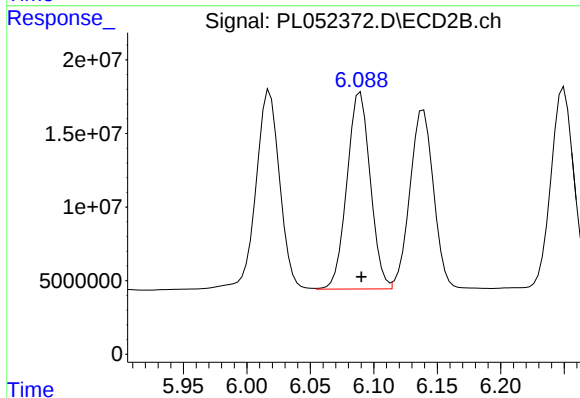
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 176332210  
Conc: 403.81 ng/ml



#26 Chlordane-4

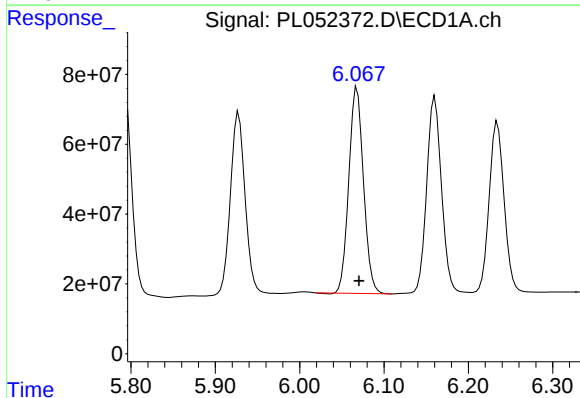
R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 748093591  
Conc: 593.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



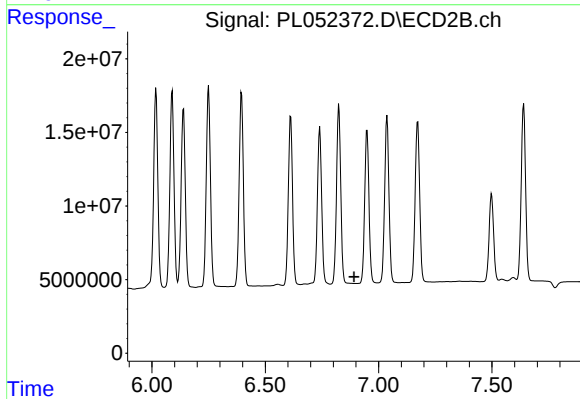
#26 Chlordane-4

R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 170709702  
Conc: 325.72 ng/ml



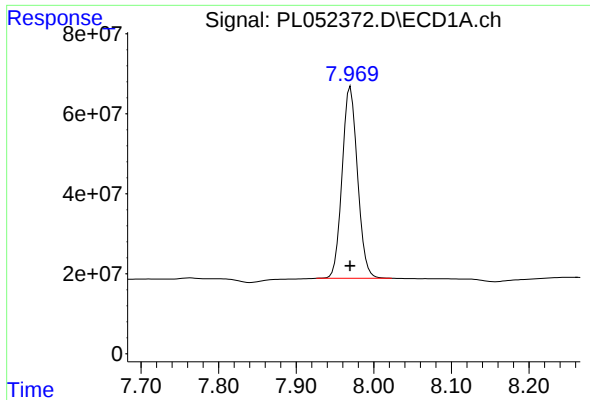
#27 Chlordane-5

R.T.: 6.068 min  
Delta R.T.: -0.002 min  
Response: 713981545  
Conc: 1381.06 ng/ml



#27 Chlordane-5

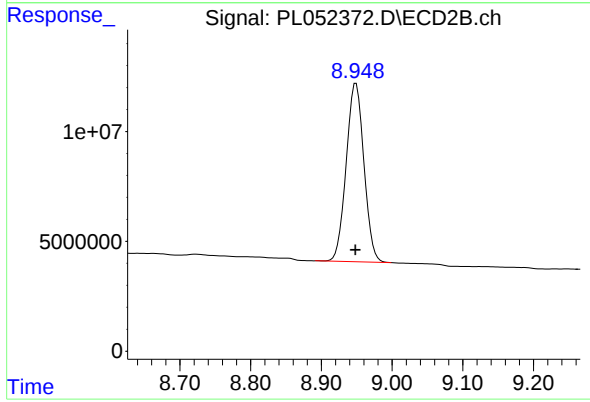
R.T.: 0.000 min  
Exp R.T.: 6.893 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.970 min  
Delta R.T.: 0.000 min  
Response: 660744760  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.949 min  
Delta R.T.: 0.000 min  
Response: 141717052  
Conc: 47.76 ng/ml