

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052423\  
 Data File : PL082970.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 May 2023 21:08  
 Operator : AR\AJ  
 Sample : PB153017BS  
 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: May 25 05:30:52 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.325 | 2.634  | 71743155 | 58578841 | 24.411  | 22.564     |
| 28)                         | SA Decachlor... | 8.745 | 7.745  | 54976043 | 60829085 | 26.212  | 24.463     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.775 | 3.131  | 244.3E6  | 188.4E6  | 55.042  | 50.481     |
| 3)                          | MA gamma-BHC... | 4.103 | 3.458  | 213.6E6  | 175.0E6  | 51.552  | 52.510     |
| 4)                          | MA Heptachlor   | 4.681 | 3.789  | 212.3E6  | 155.0E6  | 55.550  | 42.339     |
| 5)                          | MB Aldrin       | 5.018 | 4.066  | 198.4E6  | 168.3E6  | 56.388  | 51.740     |
| 6)                          | B beta-BHC      | 4.308 | 3.759  | 92788832 | 70512450 | 49.284  | 49.306     |
| 7)                          | B delta-BHC     | 4.549 | 3.985  | 218.4E6  | 167.9E6  | 63.502  | 51.241     |
| 8)                          | B Heptachlo...  | 5.445 | 4.568  | 175.4E6  | 152.4E6  | 54.830  | 51.342     |
| 9)                          | A Endosulfan I  | 5.825 | 4.936  | 164.8E6  | 139.7E6  | 54.908  | 49.979     |
| 10)                         | B gamma-Chl...  | 5.699 | 4.817  | 187.8E6  | 151.1E6  | 59.115  | 50.296     |
| 11)                         | B alpha-Chl...  | 5.778 | 4.880  | 179.0E6  | 148.2E6  | 55.776  | 49.373     |
| 12)                         | B 4,4'-DDE      | 5.956 | 5.071  | 156.8E6  | 130.1E6  | 56.881  | 53.554     |
| 13)                         | MA Dieldrin     | 6.100 | 5.200  | 170.3E6  | 148.6E6  | 56.619  | 52.651     |
| 14)                         | MA Endrin       | 6.327 | 5.475  | 143.3E6  | 135.3E6  | 53.309  | 53.350     |
| 15)                         | B Endosulfa...  | 6.550 | 5.772  | 140.3E6  | 121.8E6  | 53.356  | 49.225     |
| 16)                         | A 4,4'-DDD      | 6.472 | 5.626  | 131.8E6  | 103.7E6  | 60.649  | 53.942     |
| 17)                         | MA 4,4'-DDT     | 6.783 | 5.874  | 143.0E6  | 112.0E6  | 57.136  | 50.185     |
| 18)                         | B Endrin al...  | 6.680 | 5.952  | 115.9E6  | 102.1E6  | 57.619  | 51.612     |
| 19)                         | B Endosulfa...  | 6.914 | 6.174  | 145.0E6  | 126.0E6  | 56.576  | 51.460     |
| 20)                         | A Methoxychlor  | 7.264 | 6.453  | 74131800 | 60441573 | 56.059  | 47.526     |
| 21)                         | B Endrin ke...  | 7.394 | 6.678  | 143.1E6  | 135.3E6  | 56.097  | 50.021     |
| 22)                         | Mirex           | 7.857 | 6.850  | 113.0E6  | 118.7E6  | 53.914  | 50.714     |
| 24)                         | Chlordane-2     | 0.000 | 4.212f | 0        | 952369   | N.D.    | 10.697 #   |
| 25)                         | Chlordane-3     | 5.699 | 4.817  | 187.8E6  | 151.1E6  | 452.652 | 566.814 #  |
| 26)                         | Chlordane-4     | 5.778 | 4.880  | 179.0E6  | 148.2E6  | 353.494 | 526.060 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.772  | 0        | 121.8E6  | N.D.    | 1253.693 # |
| -----                       |                 |       |        |          |          |         |            |

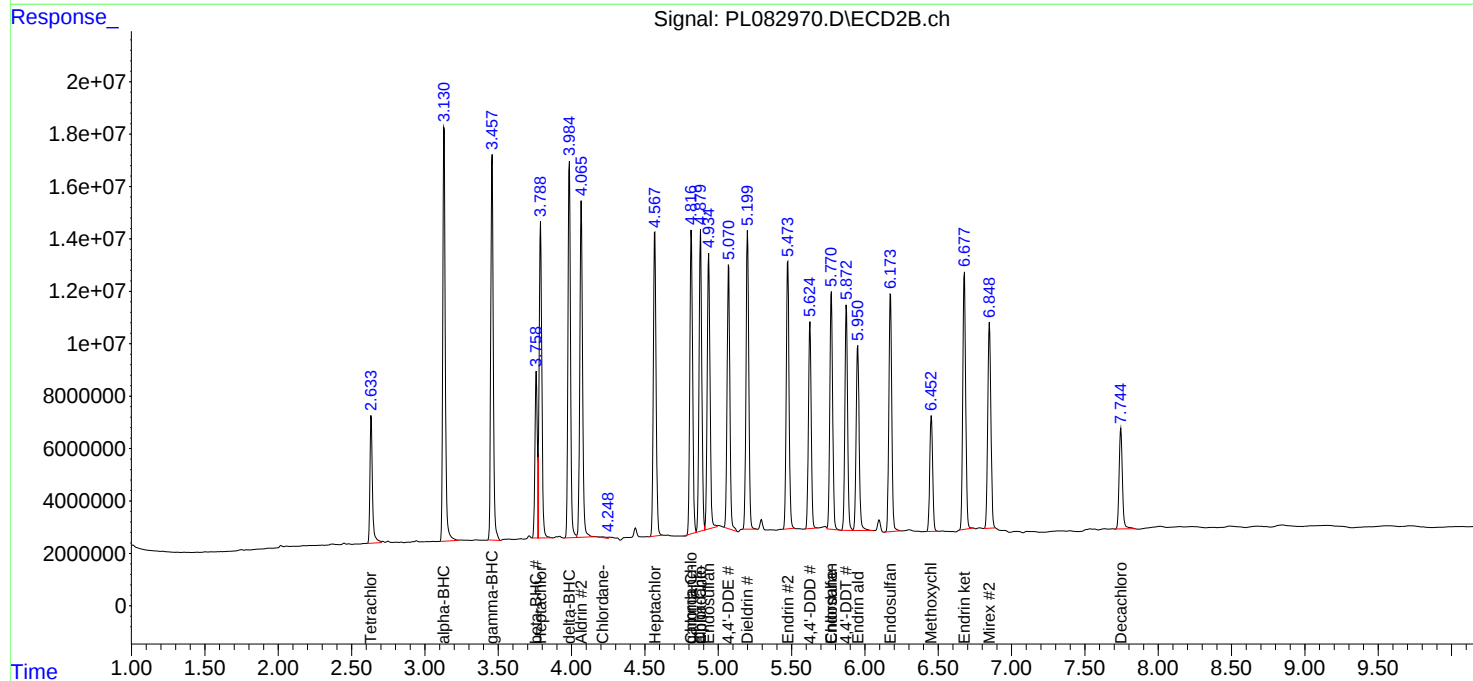
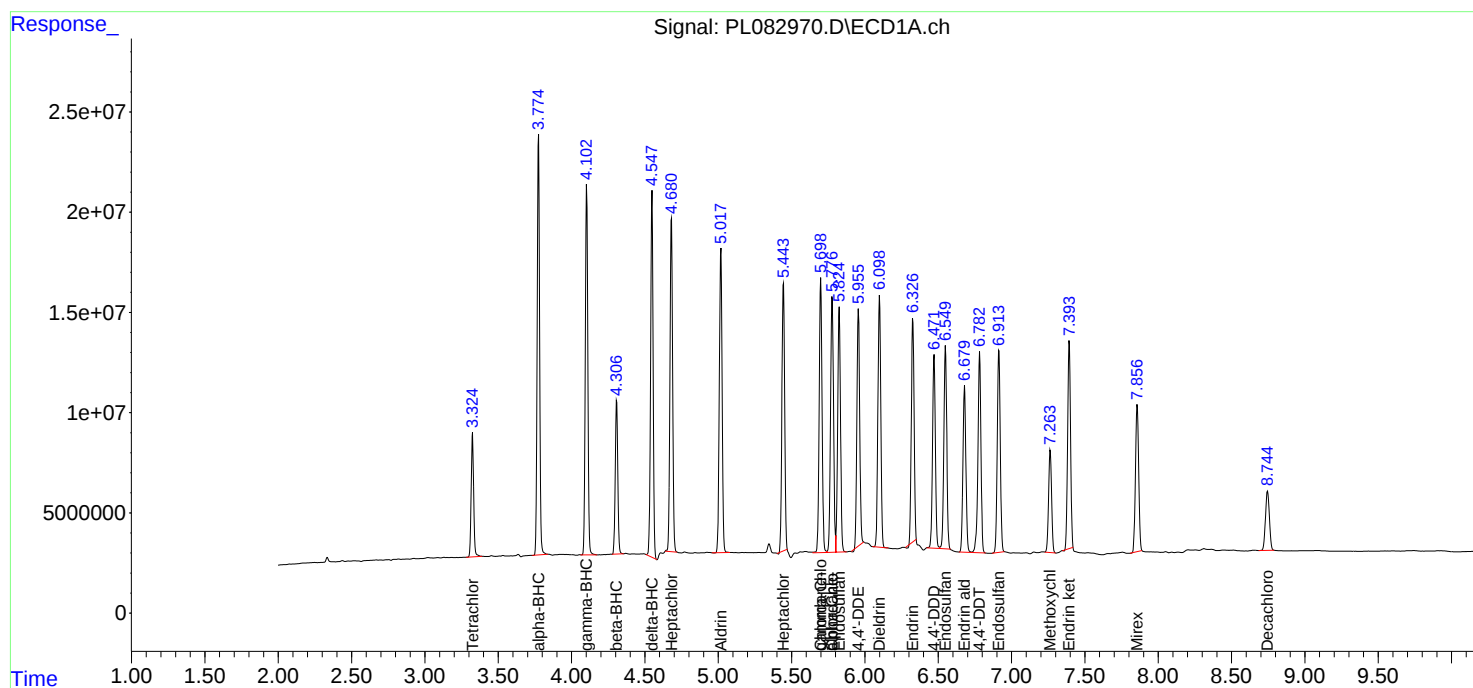
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

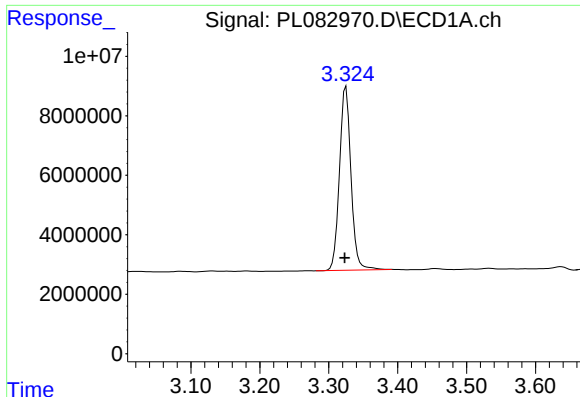
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052423\  
Data File : PL082970.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 May 2023 21:08  
Operator : AR\AJ  
Sample : PB153017BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 25 05:30:52 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

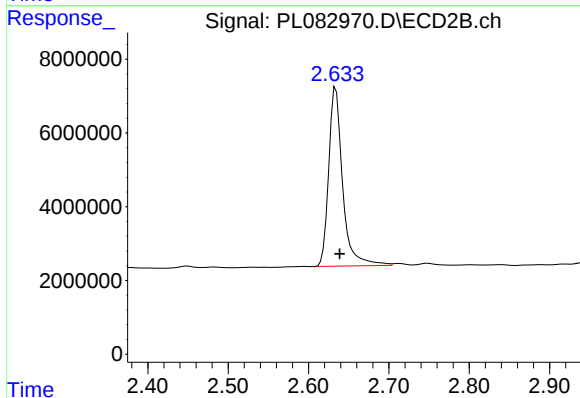




#1 Tetrachloro-m-xylene

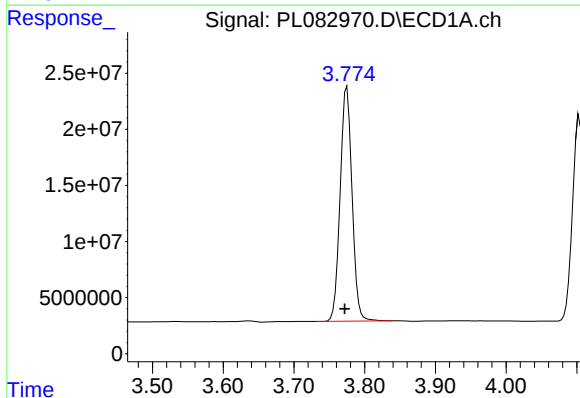
R.T.: 3.325 min  
Delta R.T.: 0.002 min  
Response: 71743155  
Conc: 24.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



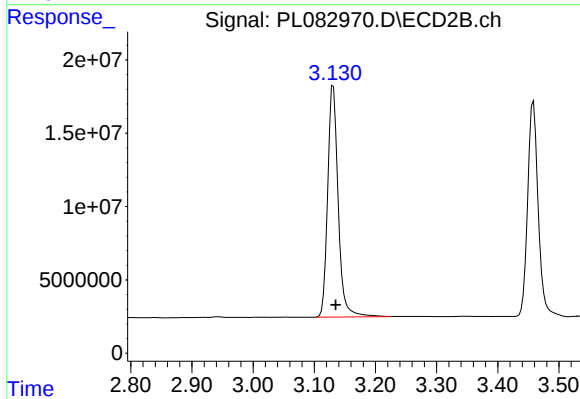
#1 Tetrachloro-m-xylene

R.T.: 2.634 min  
Delta R.T.: -0.005 min  
Response: 58578841  
Conc: 22.56 ng/ml



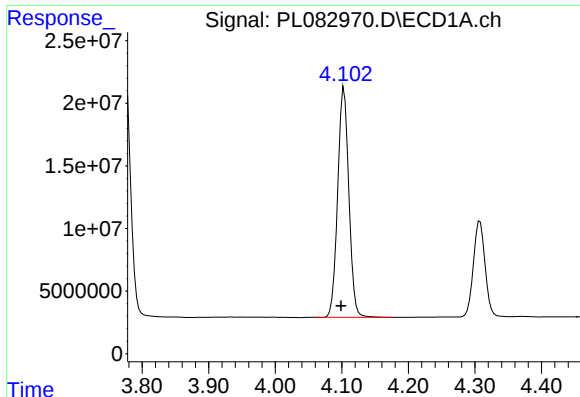
#2 alpha-BHC

R.T.: 3.775 min  
Delta R.T.: 0.003 min  
Response: 244346393  
Conc: 55.04 ng/ml



#2 alpha-BHC

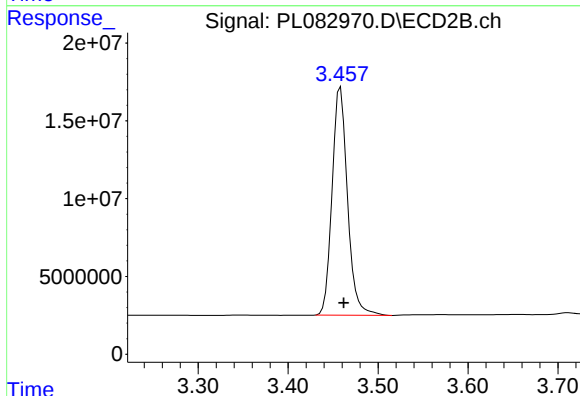
R.T.: 3.131 min  
Delta R.T.: -0.004 min  
Response: 188366129  
Conc: 50.48 ng/ml



#3 gamma-BHC (Lindane)

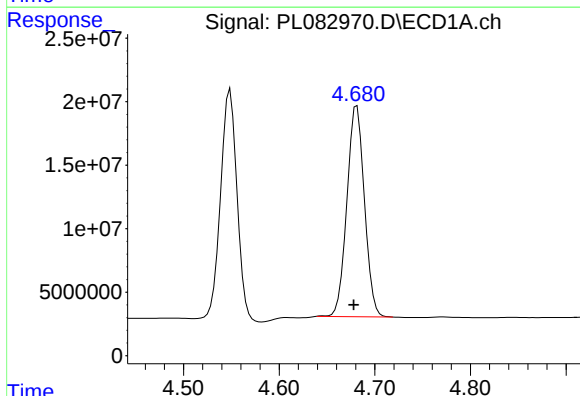
R.T.: 4.103 min  
Delta R.T.: 0.004 min  
Response: 213576561  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



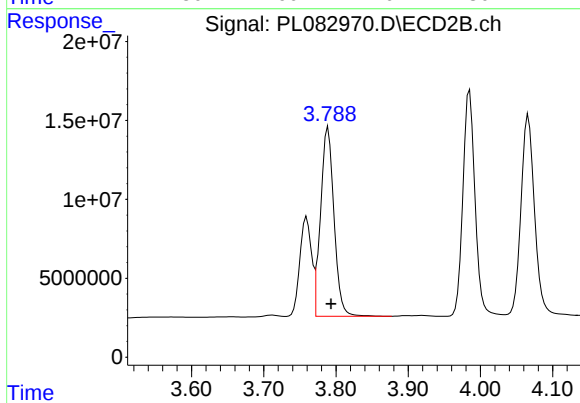
#3 gamma-BHC (Lindane)

R.T.: 3.458 min  
Delta R.T.: -0.004 min  
Response: 175031134  
Conc: 52.51 ng/ml



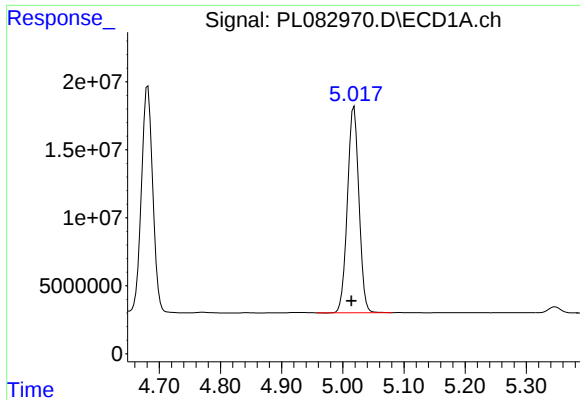
#4 Heptachlor

R.T.: 4.681 min  
Delta R.T.: 0.003 min  
Response: 212337118  
Conc: 55.55 ng/ml



#4 Heptachlor

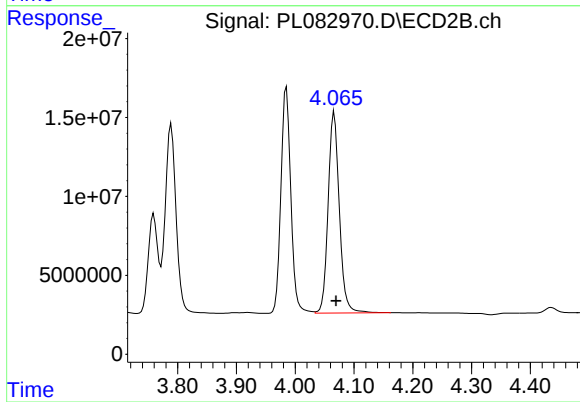
R.T.: 3.789 min  
Delta R.T.: -0.004 min  
Response: 155008038  
Conc: 42.34 ng/ml



#5 Aldrin

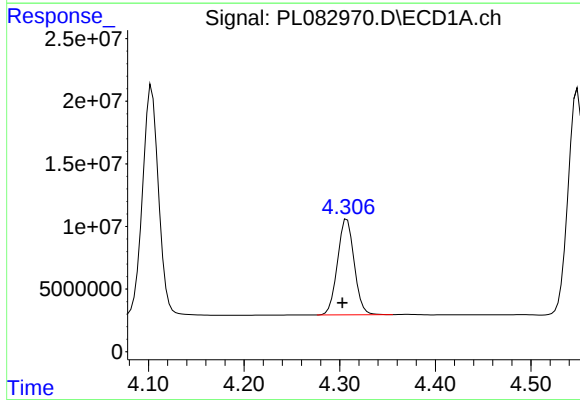
R.T.: 5.018 min  
Delta R.T.: 0.004 min  
Response: 198378125  
Conc: 56.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



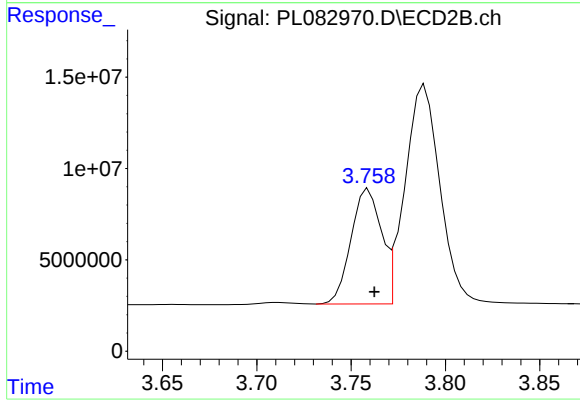
#5 Aldrin

R.T.: 4.066 min  
Delta R.T.: -0.003 min  
Response: 168341120  
Conc: 51.74 ng/ml



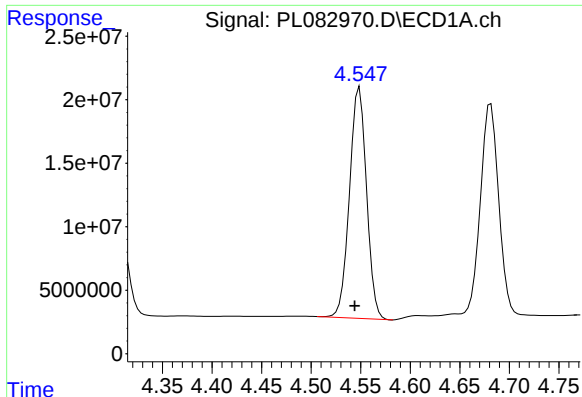
#6 beta-BHC

R.T.: 4.308 min  
Delta R.T.: 0.005 min  
Response: 92788832  
Conc: 49.28 ng/ml



#6 beta-BHC

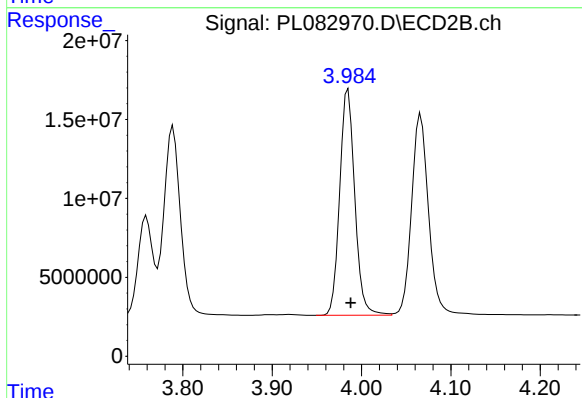
R.T.: 3.759 min  
Delta R.T.: -0.003 min  
Response: 70512450  
Conc: 49.31 ng/ml



#7 delta-BHC

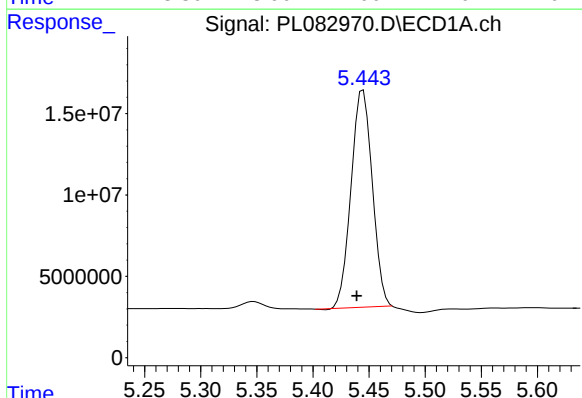
R.T.: 4.549 min  
Delta R.T.: 0.005 min  
Response: 218378264  
Conc: 63.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



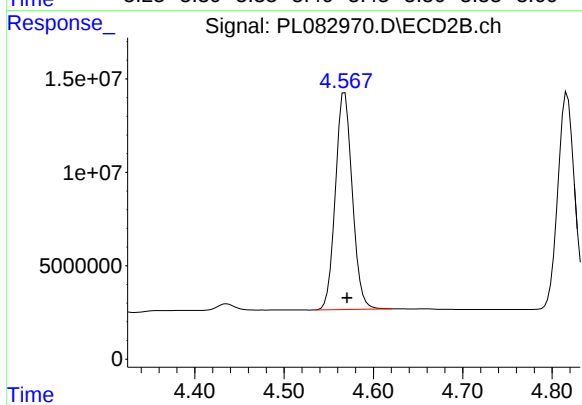
#7 delta-BHC

R.T.: 3.985 min  
Delta R.T.: -0.003 min  
Response: 167889325  
Conc: 51.24 ng/ml



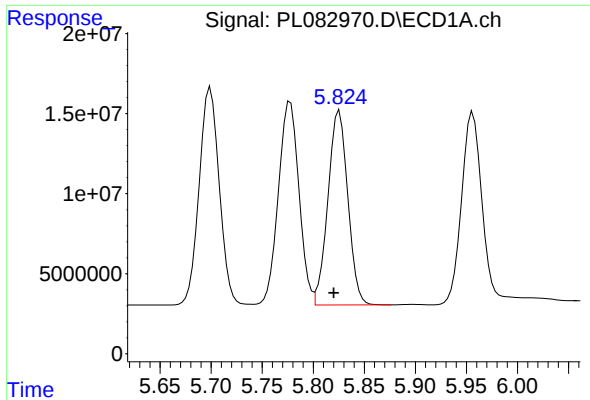
#8 Heptachlor epoxide

R.T.: 5.445 min  
Delta R.T.: 0.006 min  
Response: 175385719  
Conc: 54.83 ng/ml



#8 Heptachlor epoxide

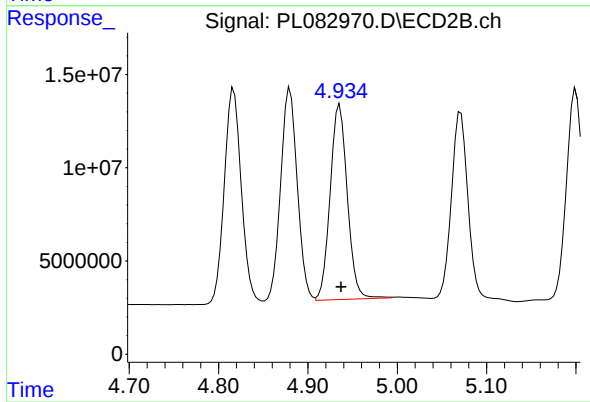
R.T.: 4.568 min  
Delta R.T.: -0.002 min  
Response: 152377816  
Conc: 51.34 ng/ml



#9 Endosulfan I

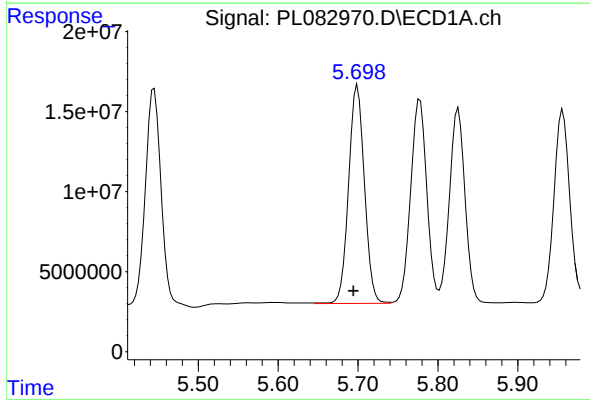
R.T.: 5.825 min  
Delta R.T.: 0.005 min  
Response: 164757174  
Conc: 54.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



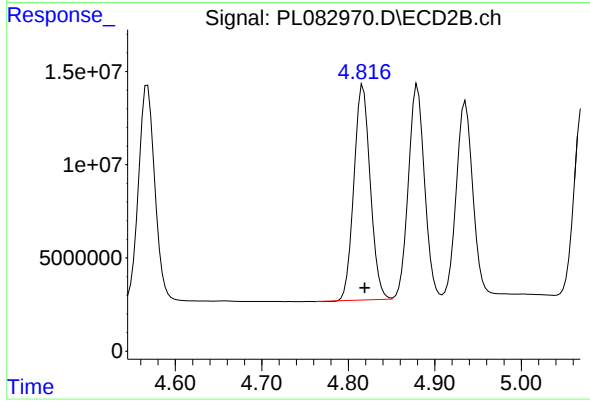
#9 Endosulfan I

R.T.: 4.936 min  
Delta R.T.: -0.002 min  
Response: 139658953  
Conc: 49.98 ng/ml



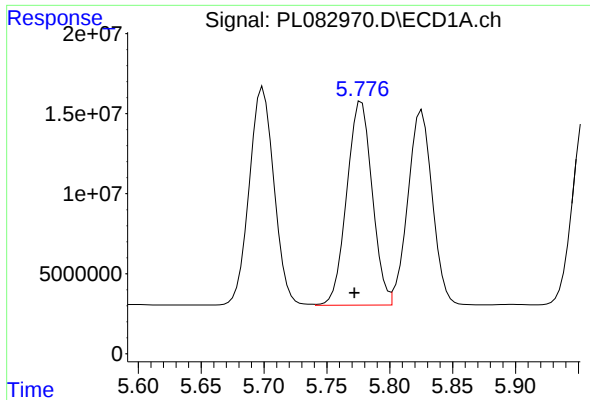
#10 gamma-Chlordane

R.T.: 5.699 min  
Delta R.T.: 0.005 min  
Response: 187806887  
Conc: 59.12 ng/ml



#10 gamma-Chlordane

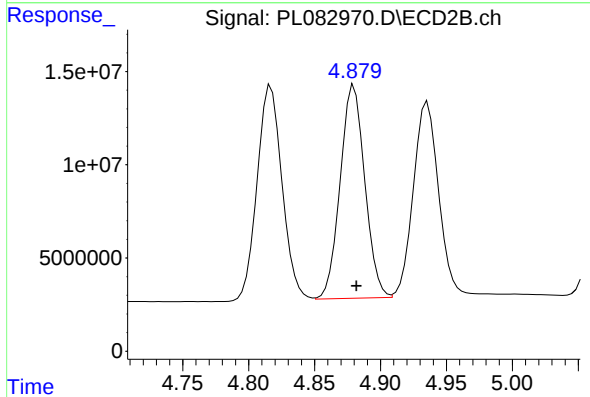
R.T.: 4.817 min  
Delta R.T.: -0.002 min  
Response: 151058688  
Conc: 50.30 ng/ml



#11 alpha-Chlordane

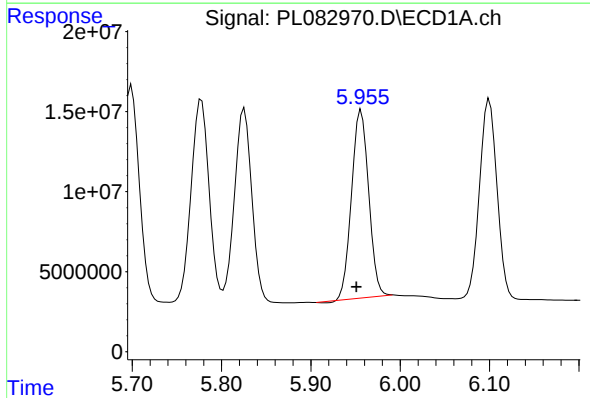
R.T.: 5.778 min  
Delta R.T.: 0.006 min  
Response: 179001023  
Conc: 55.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



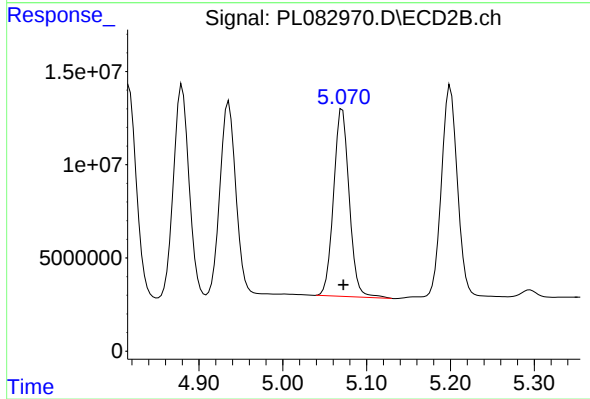
#11 alpha-Chlordane

R.T.: 4.880 min  
Delta R.T.: -0.002 min  
Response: 148218064  
Conc: 49.37 ng/ml



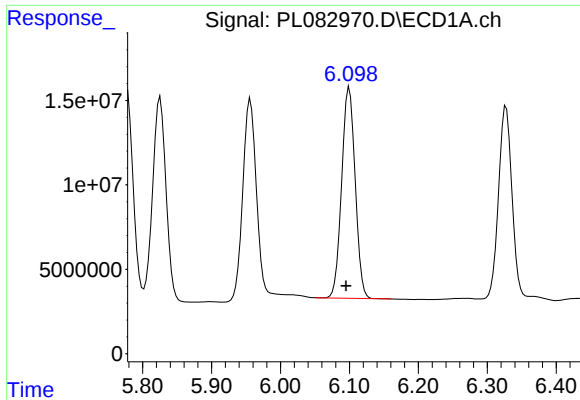
#12 4,4'-DDE

R.T.: 5.956 min  
Delta R.T.: 0.005 min  
Response: 156793981  
Conc: 56.88 ng/ml



#12 4,4'-DDE

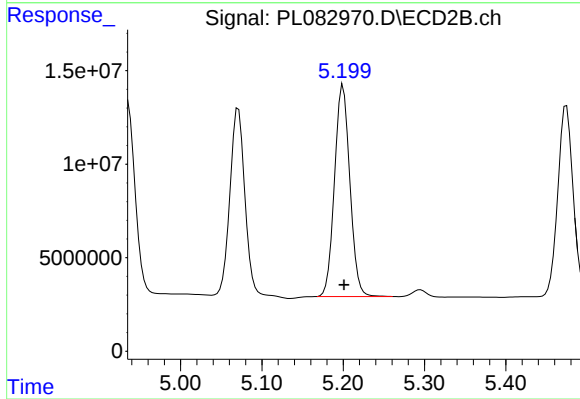
R.T.: 5.071 min  
Delta R.T.: -0.001 min  
Response: 130069138  
Conc: 53.55 ng/ml



#13 Dieldrin

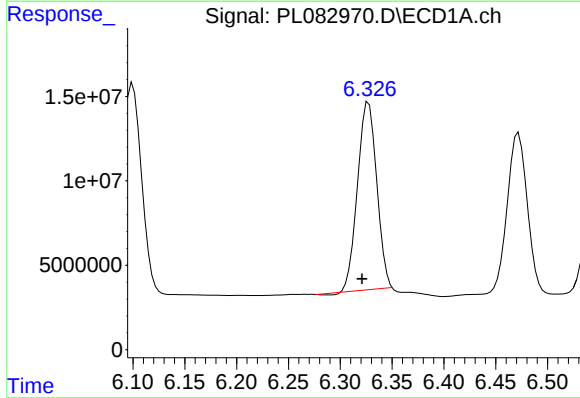
R.T.: 6.100 min  
Delta R.T.: 0.005 min  
Response: 170301400  
Conc: 56.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



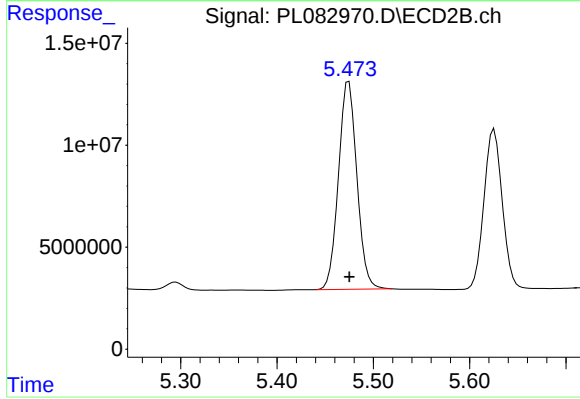
#13 Dieldrin

R.T.: 5.200 min  
Delta R.T.: -0.001 min  
Response: 148630221  
Conc: 52.65 ng/ml



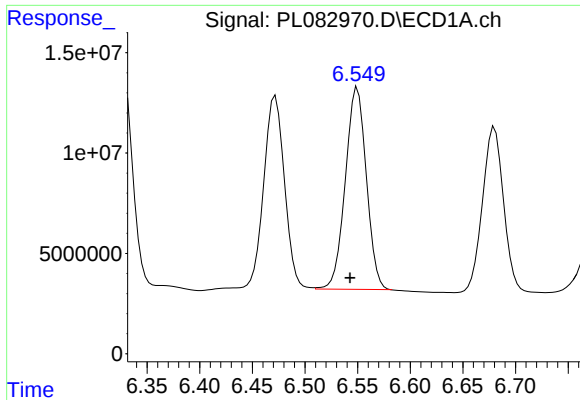
#14 Endrin

R.T.: 6.327 min  
Delta R.T.: 0.006 min  
Response: 143253877  
Conc: 53.31 ng/ml



#14 Endrin

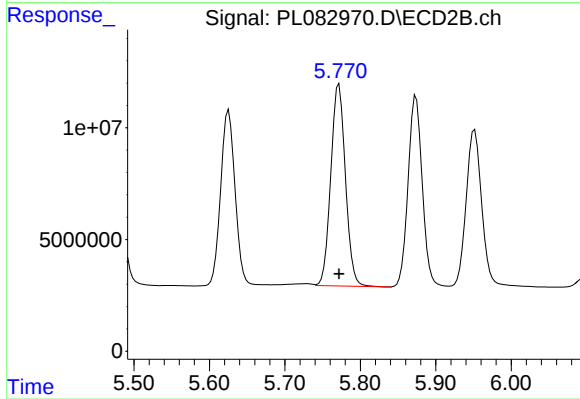
R.T.: 5.475 min  
Delta R.T.: 0.000 min  
Response: 135345243  
Conc: 53.35 ng/ml



#15 Endosulfan II

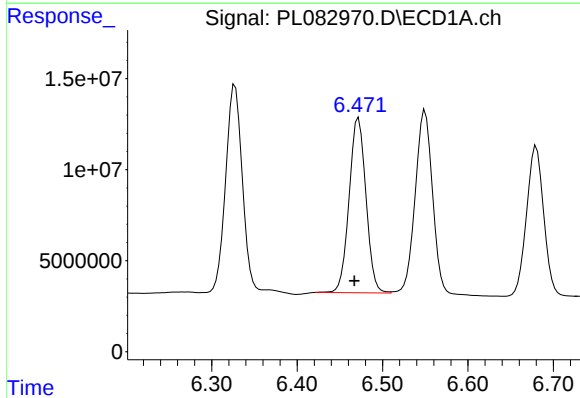
R.T.: 6.550 min  
Delta R.T.: 0.007 min  
Response: 140336587  
Conc: 53.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



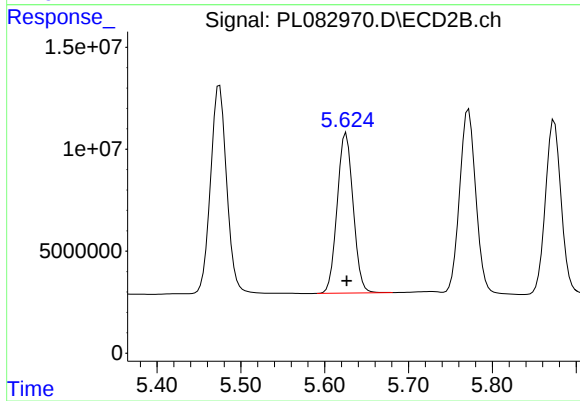
#15 Endosulfan II

R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 121791558  
Conc: 49.22 ng/ml



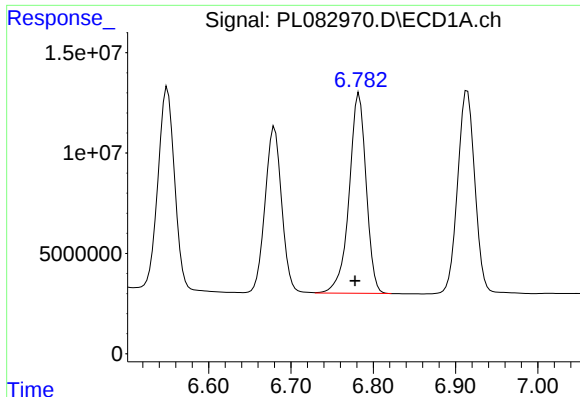
#16 4,4'-DDD

R.T.: 6.472 min  
Delta R.T.: 0.005 min  
Response: 131794440  
Conc: 60.65 ng/ml



#16 4,4'-DDD

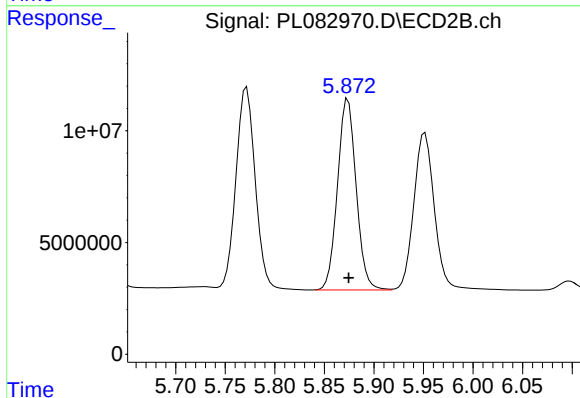
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 103743926  
Conc: 53.94 ng/ml



#17 4,4'-DDT

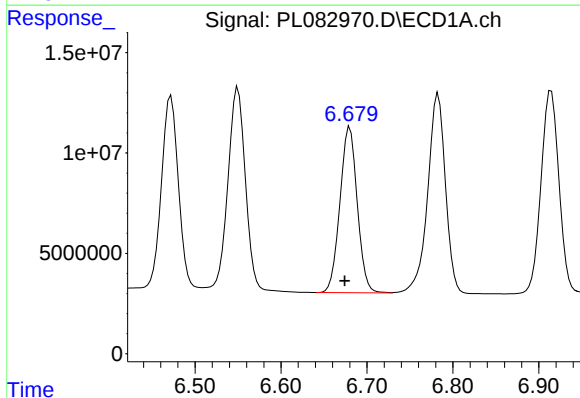
R.T.: 6.783 min  
Delta R.T.: 0.005 min  
Response: 143020931  
Conc: 57.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



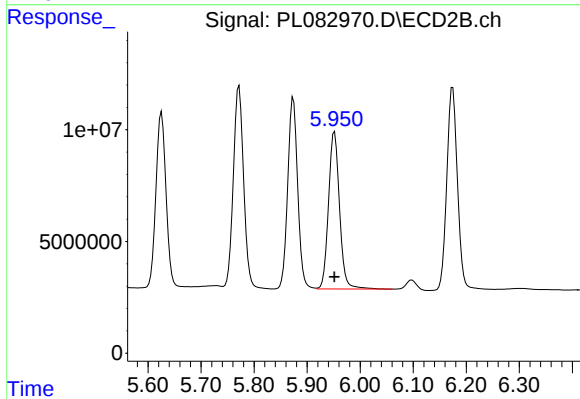
#17 4,4'-DDT

R.T.: 5.874 min  
Delta R.T.: 0.000 min  
Response: 111963476  
Conc: 50.18 ng/ml



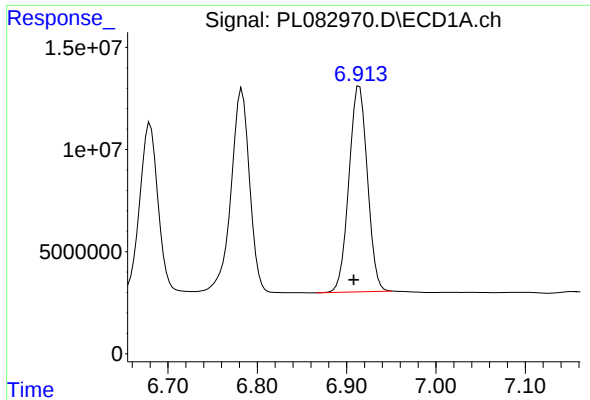
#18 Endrin aldehyde

R.T.: 6.680 min  
Delta R.T.: 0.006 min  
Response: 115851708  
Conc: 57.62 ng/ml



#18 Endrin aldehyde

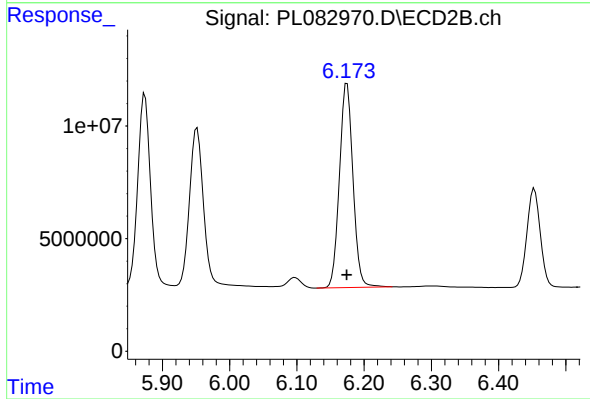
R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 102060176  
Conc: 51.61 ng/ml



#19 Endosulfan Sulfate

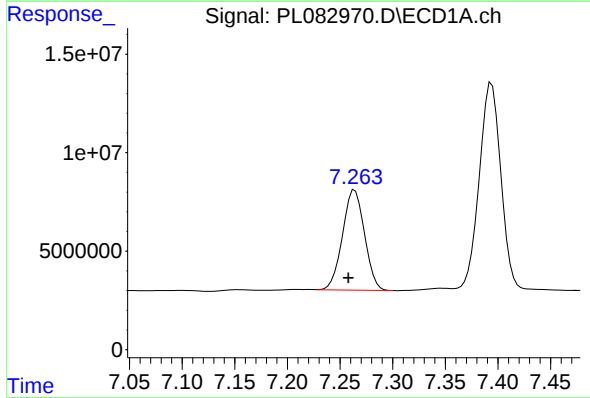
R.T.: 6.914 min  
Delta R.T.: 0.006 min  
Response: 145045332  
Conc: 56.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



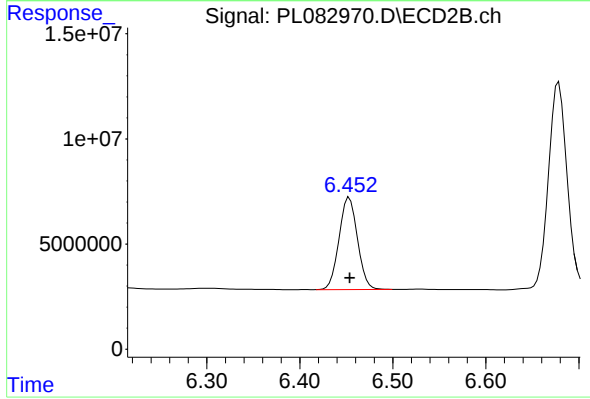
#19 Endosulfan Sulfate

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 126025647  
Conc: 51.46 ng/ml



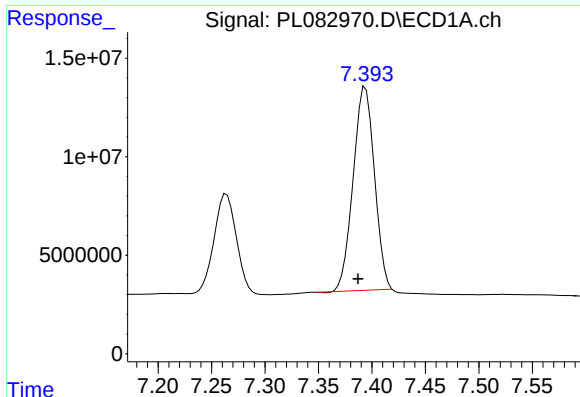
#20 Methoxychlor

R.T.: 7.264 min  
Delta R.T.: 0.006 min  
Response: 74131800  
Conc: 56.06 ng/ml



#20 Methoxychlor

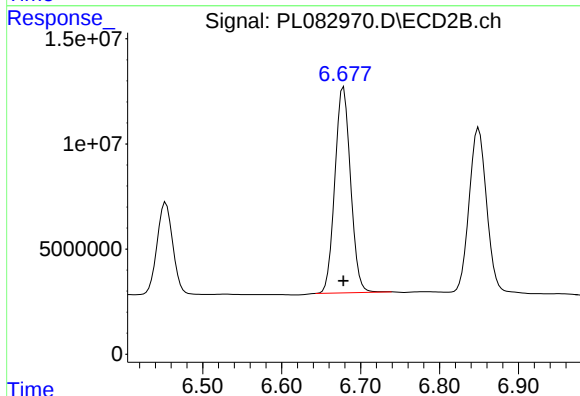
R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 60441573  
Conc: 47.53 ng/ml



#21 Endrin ketone

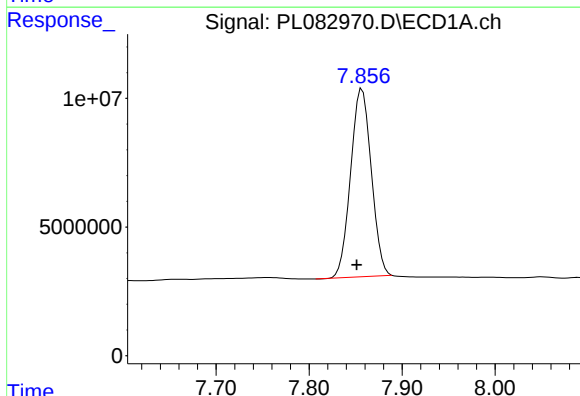
R.T.: 7.394 min  
Delta R.T.: 0.007 min  
Response: 143091758  
Conc: 56.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



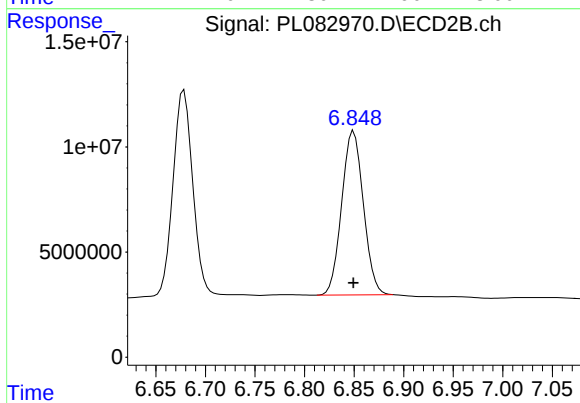
#21 Endrin ketone

R.T.: 6.678 min  
Delta R.T.: 0.000 min  
Response: 135250221  
Conc: 50.02 ng/ml



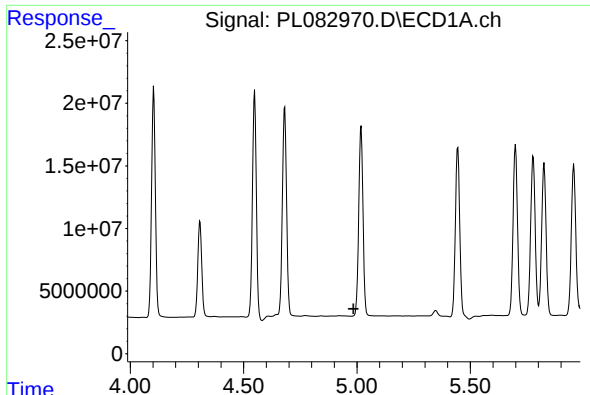
#22 Mirex

R.T.: 7.857 min  
Delta R.T.: 0.006 min  
Response: 113006409  
Conc: 53.91 ng/ml



#22 Mirex

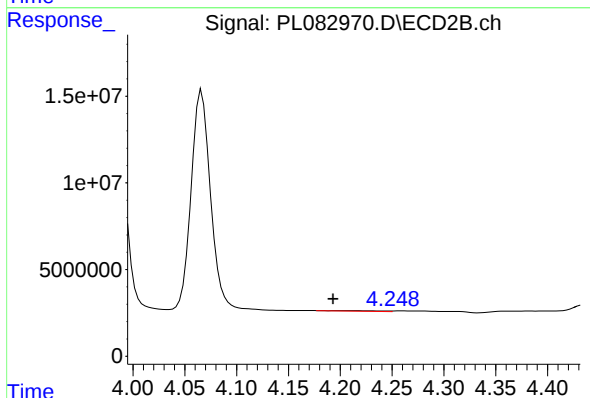
R.T.: 6.850 min  
Delta R.T.: 0.000 min  
Response: 118661395  
Conc: 50.71 ng/ml



#24 Chlordane-2

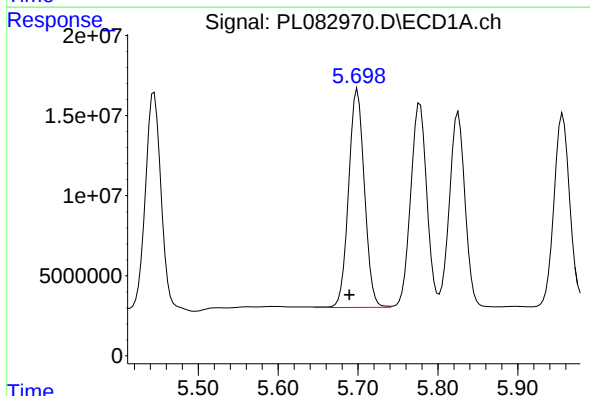
R.T.: 0.000 min  
Exp R.T.: 4.985 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



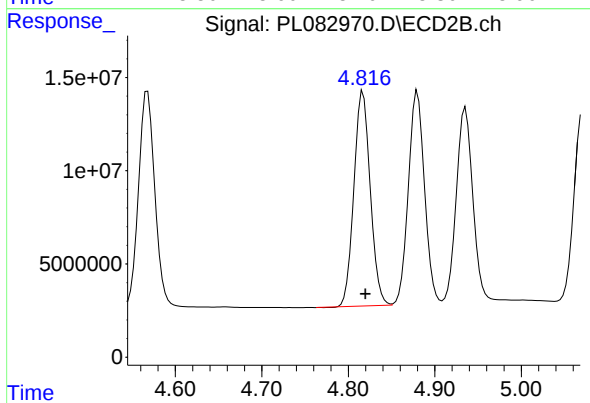
#24 Chlordane-2

R.T.: 4.212 min  
Delta R.T.: 0.019 min  
Response: 952369  
Conc: 10.70 ng/ml



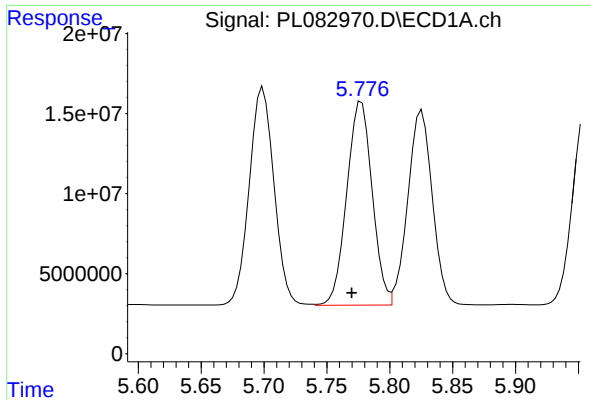
#25 Chlordane-3

R.T.: 5.699 min  
Delta R.T.: 0.010 min  
Response: 187806887  
Conc: 452.65 ng/ml



#25 Chlordane-3

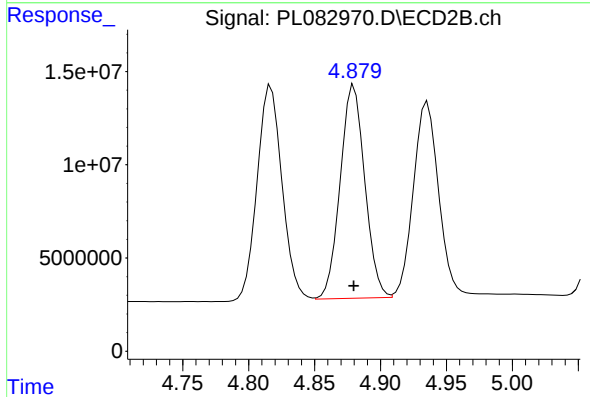
R.T.: 4.817 min  
Delta R.T.: -0.003 min  
Response: 151058688  
Conc: 566.81 ng/ml



#26 Chlordane-4

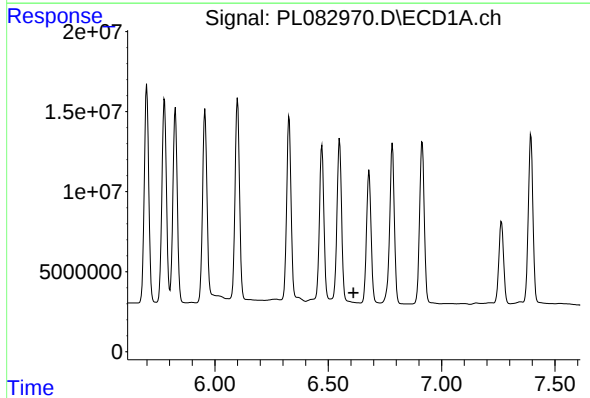
R.T.: 5.778 min  
Delta R.T.: 0.008 min  
Response: 179001023  
Conc: 353.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



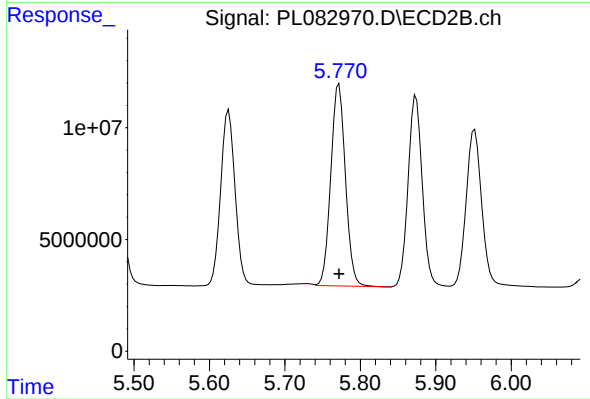
#26 Chlordane-4

R.T.: 4.880 min  
Delta R.T.: 0.000 min  
Response: 148218064  
Conc: 526.06 ng/ml



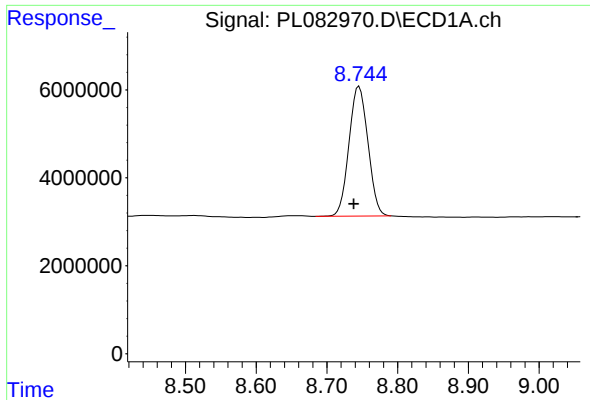
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

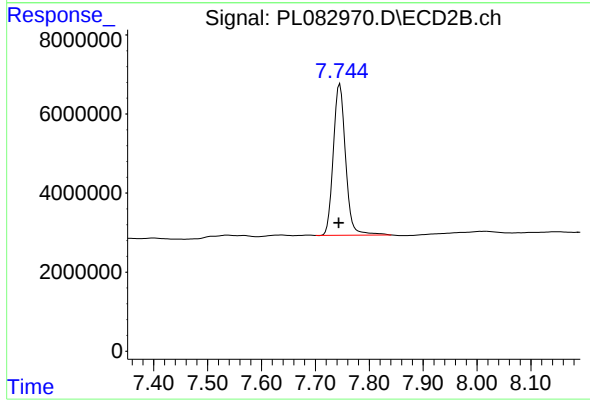
R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 121791558  
Conc: 1253.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.745 min  
Delta R.T.: 0.007 min  
Response: 54976043  
Conc: 26.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.745 min  
Delta R.T.: 0.002 min  
Response: 60829085  
Conc: 24.46 ng/ml