

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051023\  
 Data File : PL082624.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 May 2023 18:37  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 10 21:26:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.319  | 2.641  | 133.3E6  | 121.0E6  | 49.902   | 52.229     |
| 28)                         | SA Decachlor... | 8.736  | 7.750  | 94836293 | 109.8E6  | 49.676   | 48.089     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.768  | 3.139  | 207.7E6  | 180.9E6  | 52.178   | 53.159     |
| 3)                          | MA gamma-BHC... | 4.097  | 3.466  | 194.1E6  | 166.1E6  | 51.904   | 51.668     |
| 4)                          | MA Heptachlor   | 4.674  | 3.797  | 186.3E6  | 172.5E6  | 50.978   | 50.398     |
| 5)                          | MB Aldrin       | 5.011  | 4.074  | 171.9E6  | 173.1E6  | 52.143   | 54.967     |
| 6)                          | B beta-BHC      | 4.300  | 3.766  | 85745059 | 68745293 | 50.276   | 50.385     |
| 7)                          | B delta-BHC     | 4.541  | 3.992  | 190.2E6  | 166.8E6  | 52.871   | 54.372     |
| 8)                          | B Heptachlo...  | 5.437  | 4.575  | 157.6E6  | 148.0E6  | 51.666   | 51.367     |
| 9)                          | A Endosulfan I  | 5.818  | 4.942  | 146.2E6  | 139.1E6  | 52.731   | 52.115     |
| 10)                         | B gamma-Chl...  | 5.692  | 4.824  | 164.2E6  | 150.7E6  | 54.610   | 51.917     |
| 11)                         | B alpha-Chl...  | 5.769  | 4.887  | 157.8E6  | 150.4E6  | 52.876   | 51.823     |
| 12)                         | B 4,4'-DDE      | 5.948  | 5.077  | 135.5E6  | 129.2E6  | 53.317   | 56.178     |
| 13)                         | MA Dieldrin     | 6.092  | 5.206  | 142.8E6  | 135.8E6  | 51.739   | 50.285     |
| 14)                         | MA Endrin       | 6.320  | 5.481  | 124.4E6  | 117.0E6  | 51.305   | 47.844     |
| 15)                         | B Endosulfa...  | 6.542  | 5.777  | 117.7E6  | 117.7E6  | 48.337   | 52.220     |
| 16)                         | A 4,4'-DDD      | 6.464  | 5.631  | 112.5E6  | 108.5E6  | 55.514   | 58.020     |
| 17)                         | MA 4,4'-DDT     | 6.775  | 5.880  | 110.4E6  | 106.3E6  | 48.249   | 50.296     |
| 18)                         | B Endrin al...  | 6.672  | 5.957  | 94980289 | 94734545 | 50.410   | 50.623     |
| 19)                         | B Endosulfa...  | 6.906  | 6.179  | 120.9E6  | 121.4E6  | 50.998   | 51.555     |
| 20)                         | A Methoxychlor  | 7.256  | 6.459  | 58038220 | 53730368 | 47.559   | 44.338     |
| 21)                         | B Endrin ke...  | 7.385  | 6.684  | 125.0E6  | 117.5E6  | 52.221   | 46.296     |
| 22)                         | Mirex           | 7.849  | 6.856  | 95442751 | 99450315 | 48.787   | 43.159     |
| 23)                         | Chlordane-1     | 0.000  | 3.662f | 0        | 941700   | N.D.     | 10.618 #   |
| 24)                         | Chlordane-2     | 5.011f | 4.216  | 171.9E6  | 5353726  | 1444.278 | 47.740 #   |
| 25)                         | Chlordane-3     | 5.692  | 4.824  | 164.2E6  | 150.7E6  | 380.368  | 530.269 #  |
| 26)                         | Chlordane-4     | 5.769  | 4.887  | 157.8E6  | 150.4E6  | 303.539  | 504.120 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.777  | 0        | 117.7E6  | N.D.     | 1192.458 # |
| -----                       |                 |        |        |          |          |          |            |

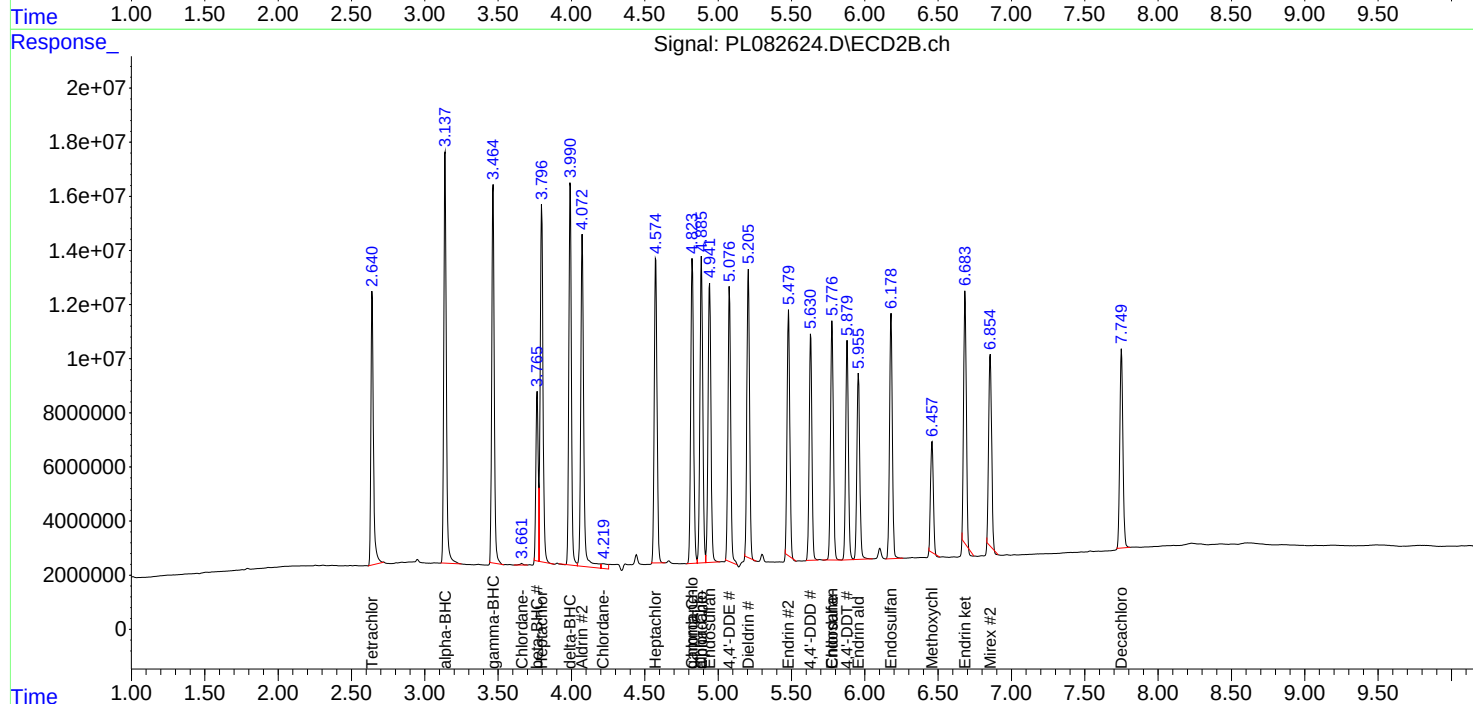
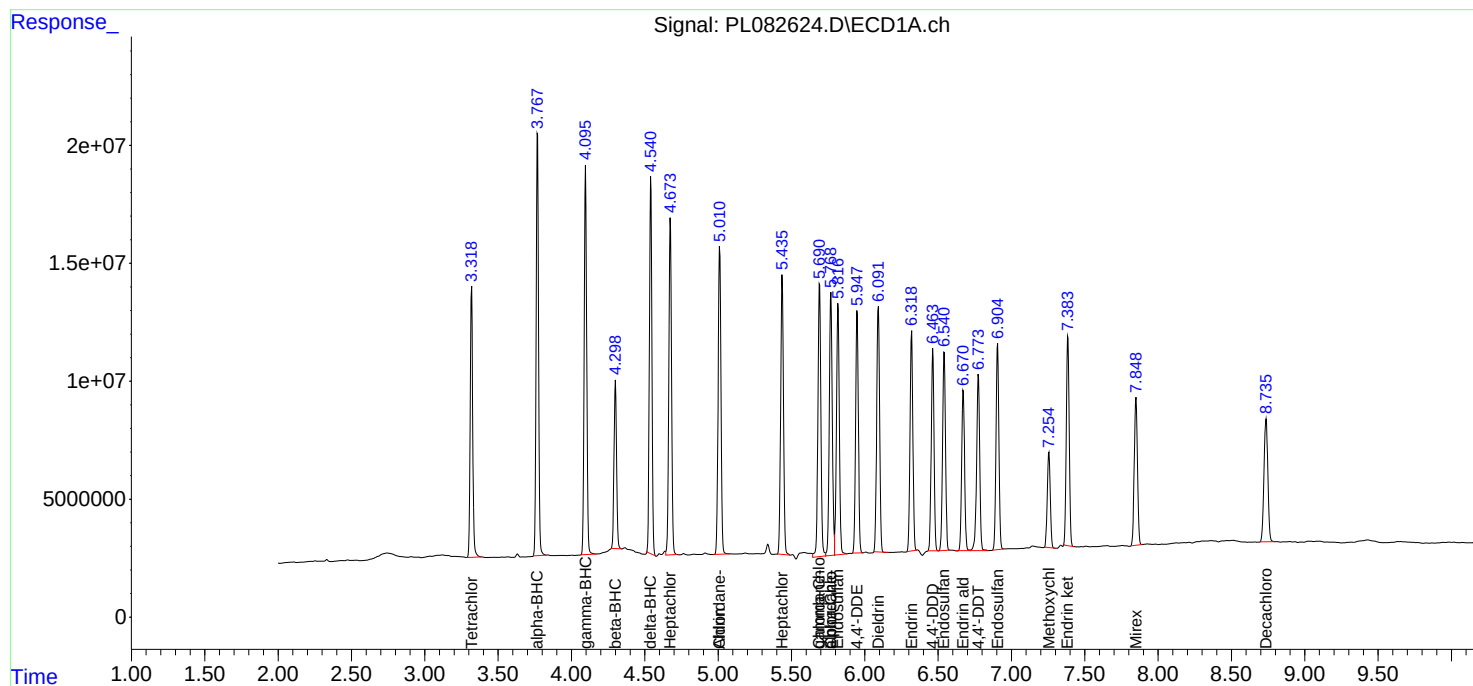
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

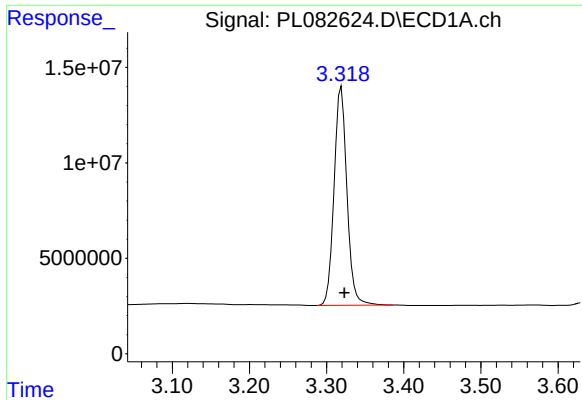
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051023\  
Data File : PL082624.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 May 2023 18:37  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 10 21:26:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

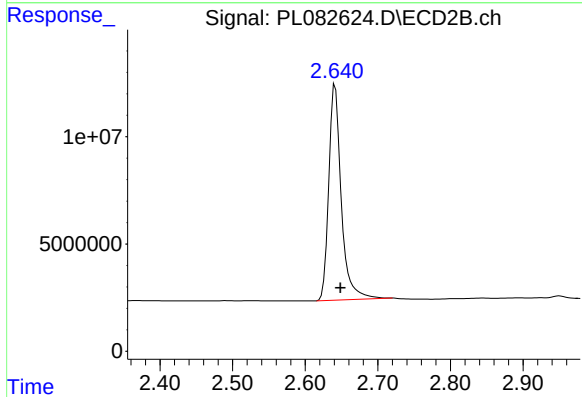




#1 Tetrachloro-m-xylene

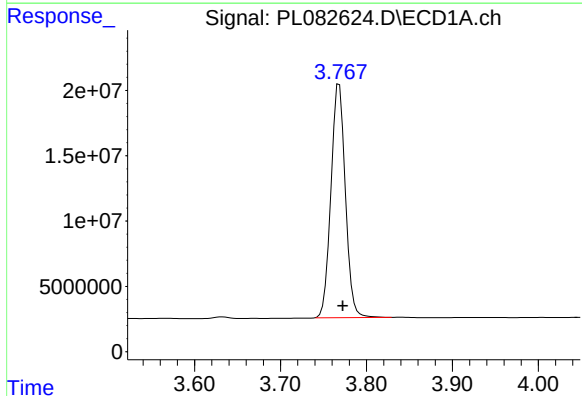
R.T.: 3.319 min  
Delta R.T.: -0.004 min  
Response: 133297889  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



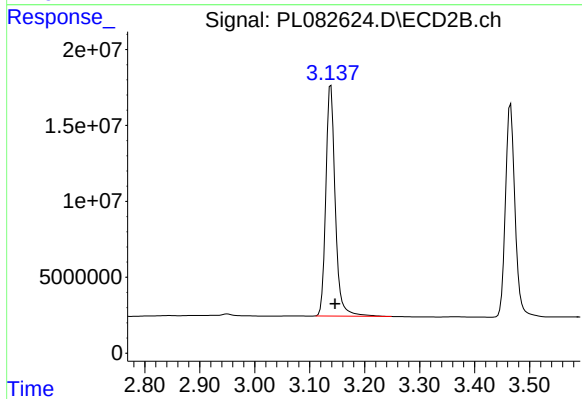
#1 Tetrachloro-m-xylene

R.T.: 2.641 min  
Delta R.T.: -0.007 min  
Response: 120999753  
Conc: 52.23 ng/ml



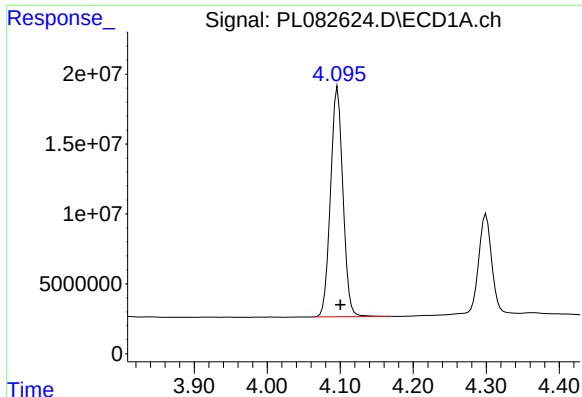
#2 alpha-BHC

R.T.: 3.768 min  
Delta R.T.: -0.004 min  
Response: 207681095  
Conc: 52.18 ng/ml



#2 alpha-BHC

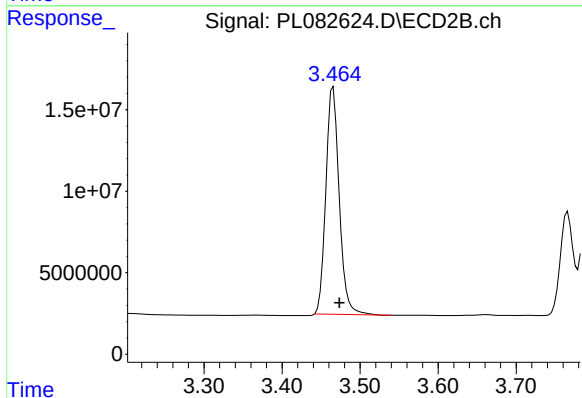
R.T.: 3.139 min  
Delta R.T.: -0.008 min  
Response: 180925309  
Conc: 53.16 ng/ml



#3 gamma-BHC (Lindane)

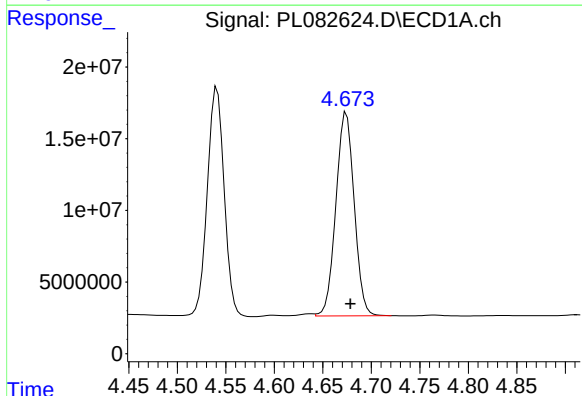
R.T.: 4.097 min  
Delta R.T.: -0.004 min  
Response: 194063695  
Conc: 51.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



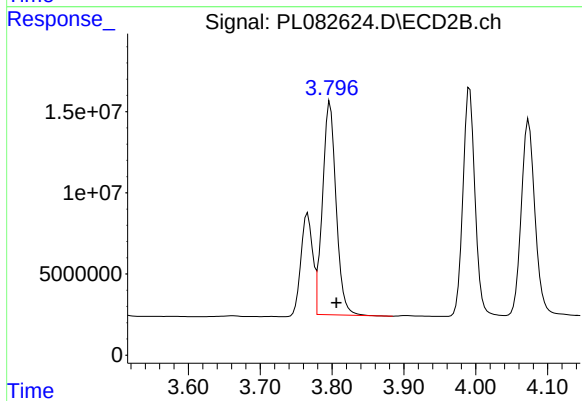
#3 gamma-BHC (Lindane)

R.T.: 3.466 min  
Delta R.T.: -0.008 min  
Response: 166127286  
Conc: 51.67 ng/ml



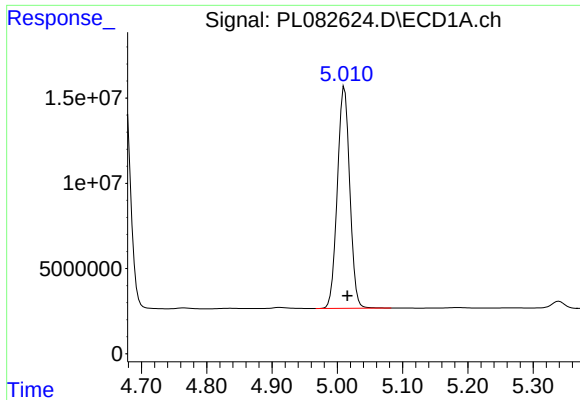
#4 Heptachlor

R.T.: 4.674 min  
Delta R.T.: -0.004 min  
Response: 186269154  
Conc: 50.98 ng/ml



#4 Heptachlor

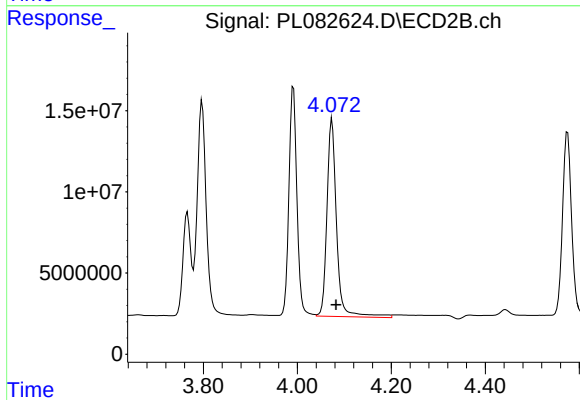
R.T.: 3.797 min  
Delta R.T.: -0.009 min  
Response: 172525608  
Conc: 50.40 ng/ml



#5 Aldrin

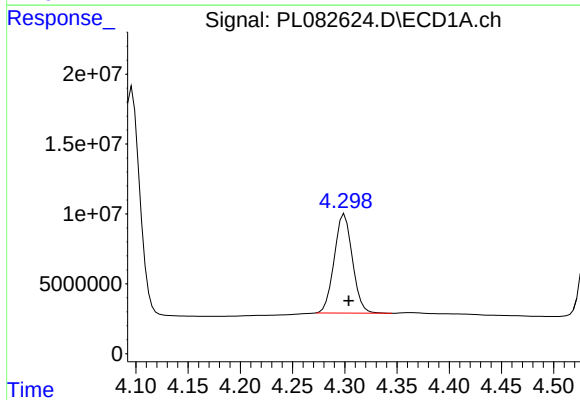
R.T.: 5.011 min  
Delta R.T.: -0.005 min  
Response: 171944813  
Conc: 52.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



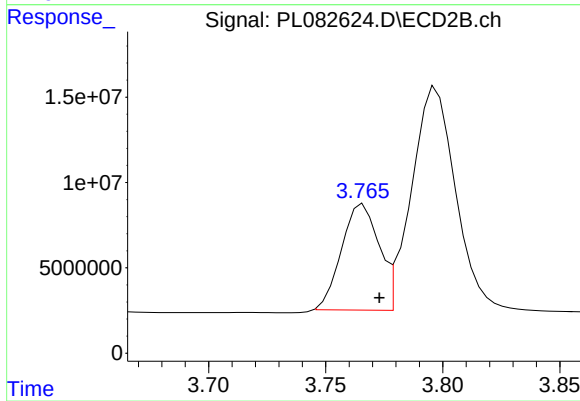
#5 Aldrin

R.T.: 4.074 min  
Delta R.T.: -0.009 min  
Response: 173137274  
Conc: 54.97 ng/ml



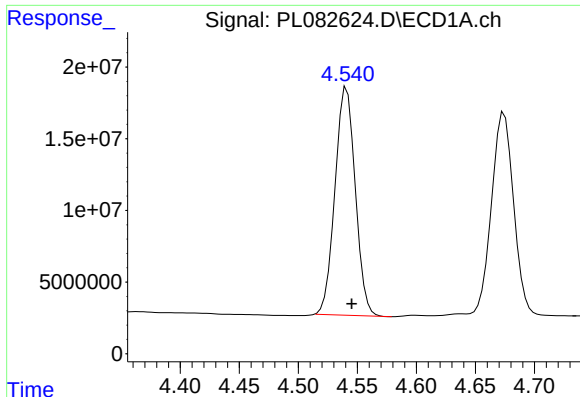
#6 beta-BHC

R.T.: 4.300 min  
Delta R.T.: -0.004 min  
Response: 85745059  
Conc: 50.28 ng/ml



#6 beta-BHC

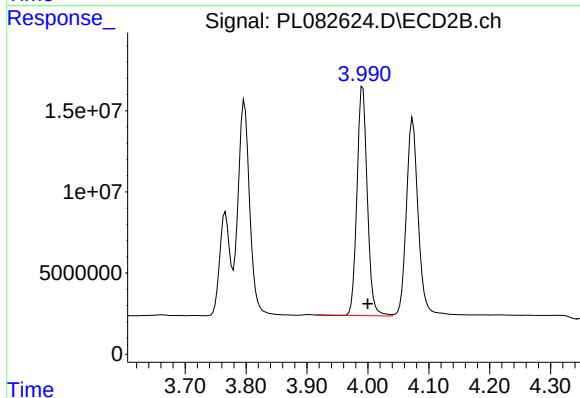
R.T.: 3.766 min  
Delta R.T.: -0.007 min  
Response: 68745293  
Conc: 50.38 ng/ml



#7 delta-BHC

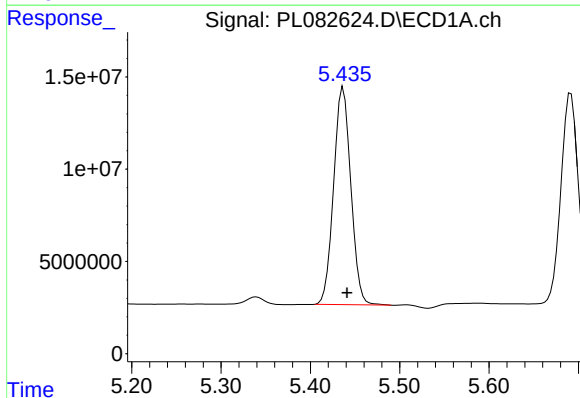
R.T.: 4.541 min  
Delta R.T.: -0.004 min  
Response: 190218194  
Conc: 52.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



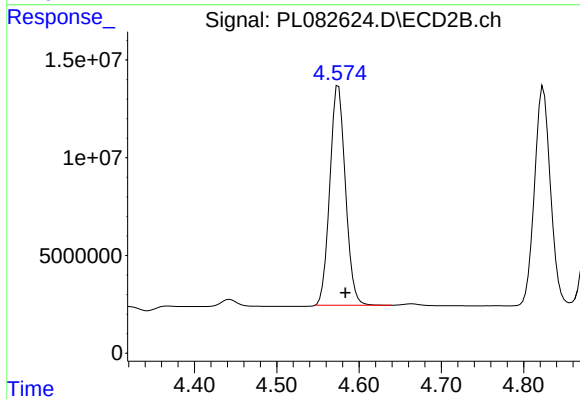
#7 delta-BHC

R.T.: 3.992 min  
Delta R.T.: -0.008 min  
Response: 166781315  
Conc: 54.37 ng/ml



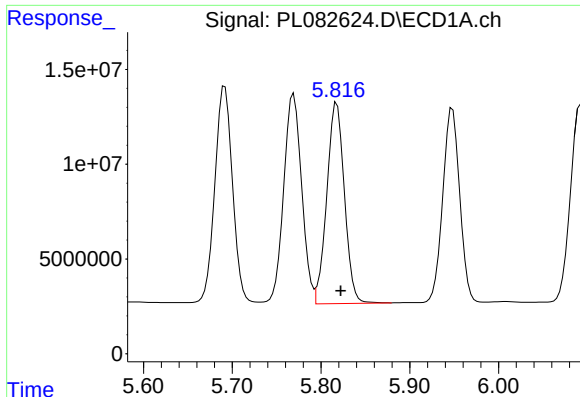
#8 Heptachlor epoxide

R.T.: 5.437 min  
Delta R.T.: -0.004 min  
Response: 157598424  
Conc: 51.67 ng/ml



#8 Heptachlor epoxide

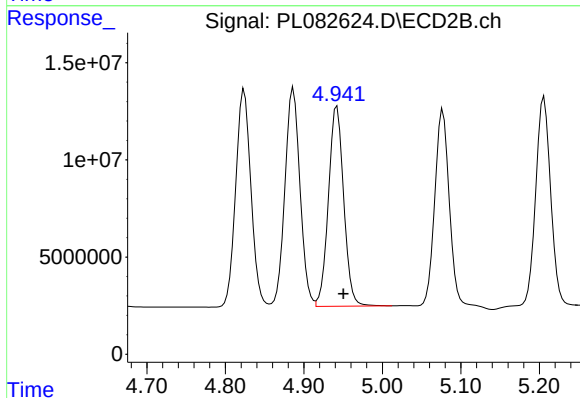
R.T.: 4.575 min  
Delta R.T.: -0.008 min  
Response: 147983134  
Conc: 51.37 ng/ml



#9 Endosulfan I

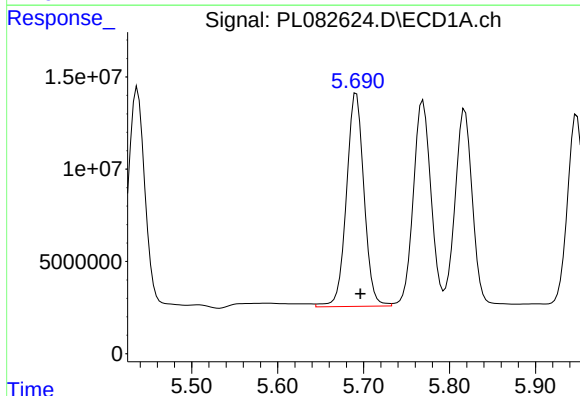
R.T.: 5.818 min  
Delta R.T.: -0.004 min  
Response: 146209475  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



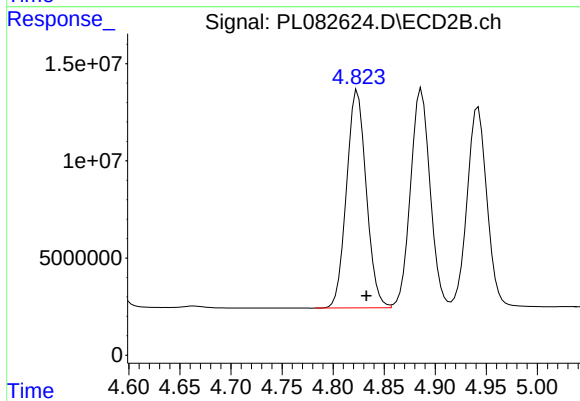
#9 Endosulfan I

R.T.: 4.942 min  
Delta R.T.: -0.008 min  
Response: 139117133  
Conc: 52.11 ng/ml



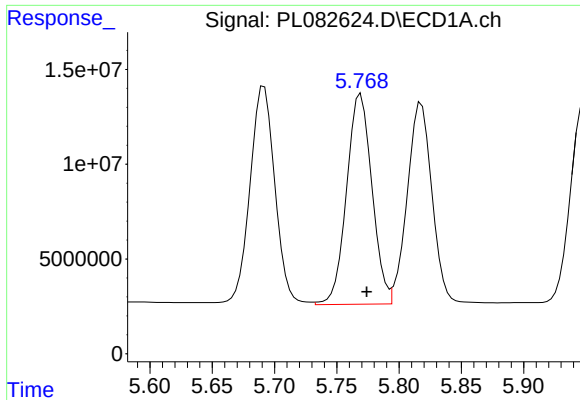
#10 gamma-Chlordane

R.T.: 5.692 min  
Delta R.T.: -0.005 min  
Response: 164206202  
Conc: 54.61 ng/ml



#10 gamma-Chlordane

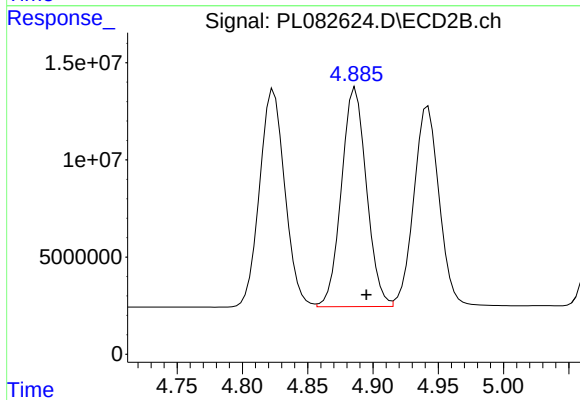
R.T.: 4.824 min  
Delta R.T.: -0.009 min  
Response: 150654665  
Conc: 51.92 ng/ml



#11 alpha-Chlordane

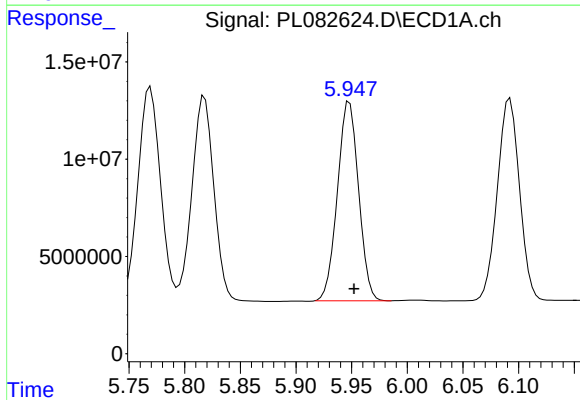
R.T.: 5.769 min  
Delta R.T.: -0.005 min  
Response: 157814268  
Conc: 52.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



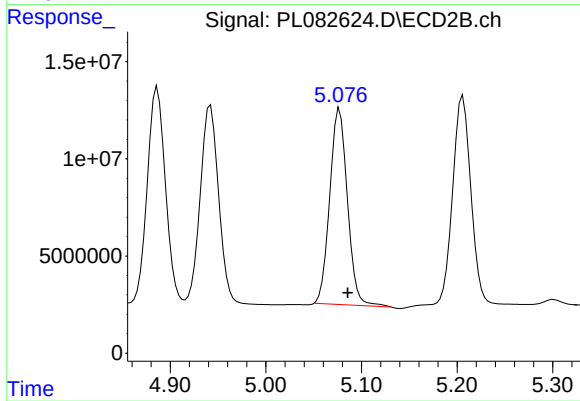
#11 alpha-Chlordane

R.T.: 4.887 min  
Delta R.T.: -0.008 min  
Response: 150432871  
Conc: 51.82 ng/ml



#12 4,4'-DDE

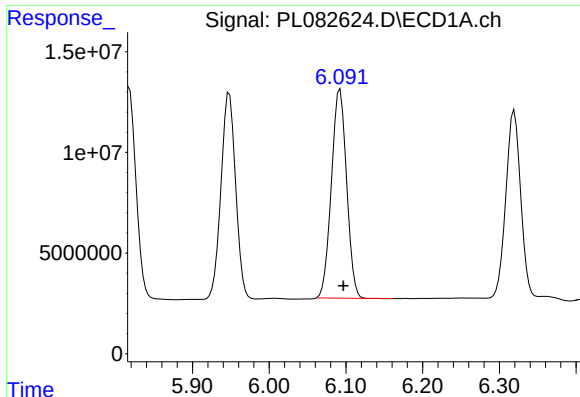
R.T.: 5.948 min  
Delta R.T.: -0.004 min  
Response: 135534565  
Conc: 53.32 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min  
Delta R.T.: -0.008 min  
Response: 129151259  
Conc: 56.18 ng/ml

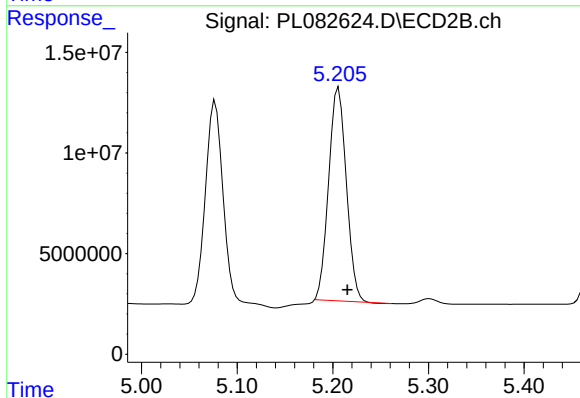




#13 Dieldrin

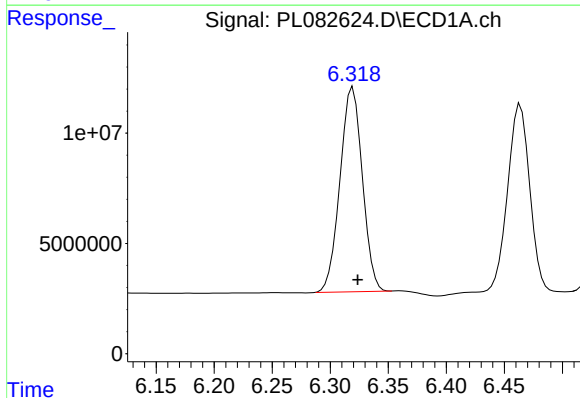
R.T.: 6.092 min  
Delta R.T.: -0.004 min  
Response: 142755502  
Conc: 51.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



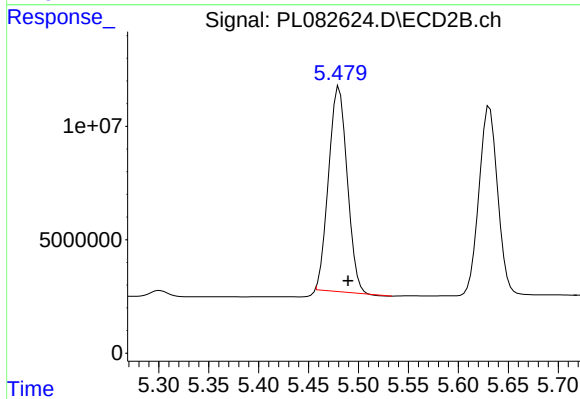
#13 Dieldrin

R.T.: 5.206 min  
Delta R.T.: -0.009 min  
Response: 135788316  
Conc: 50.28 ng/ml



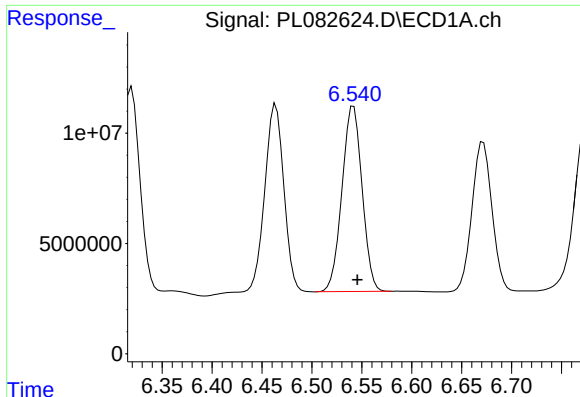
#14 Endrin

R.T.: 6.320 min  
Delta R.T.: -0.004 min  
Response: 124392275  
Conc: 51.31 ng/ml



#14 Endrin

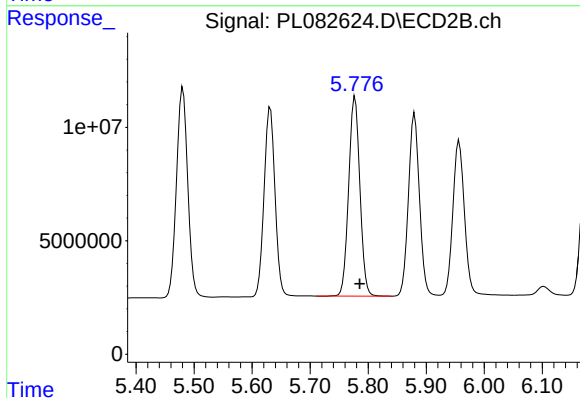
R.T.: 5.481 min  
Delta R.T.: -0.009 min  
Response: 117025274  
Conc: 47.84 ng/ml



#15 Endosulfan II

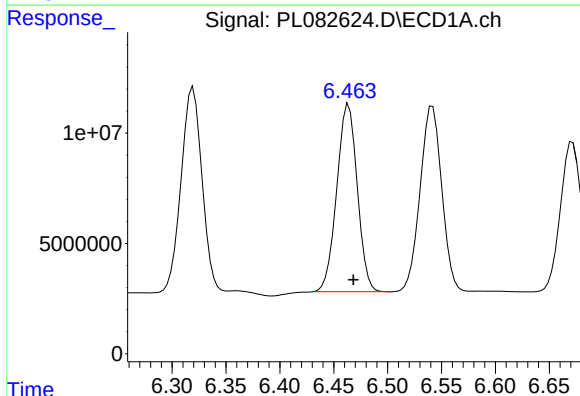
R.T.: 6.542 min  
Delta R.T.: -0.004 min  
Response: 117680223  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



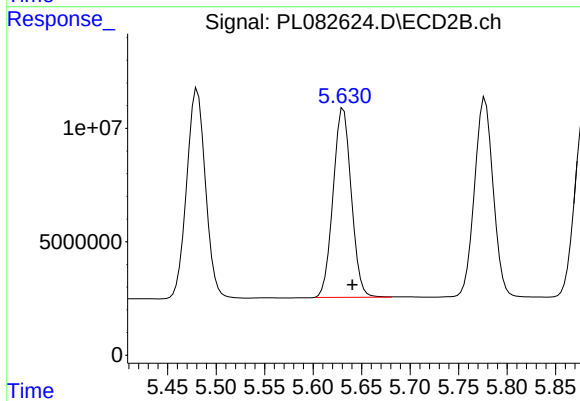
#15 Endosulfan II

R.T.: 5.777 min  
Delta R.T.: -0.008 min  
Response: 117710421  
Conc: 52.22 ng/ml



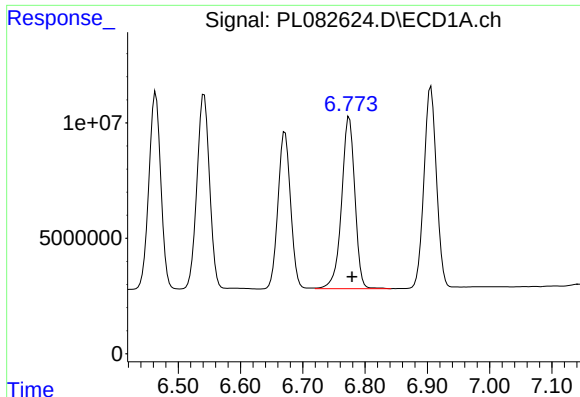
#16 4,4'-DDD

R.T.: 6.464 min  
Delta R.T.: -0.004 min  
Response: 112538197  
Conc: 55.51 ng/ml



#16 4,4'-DDD

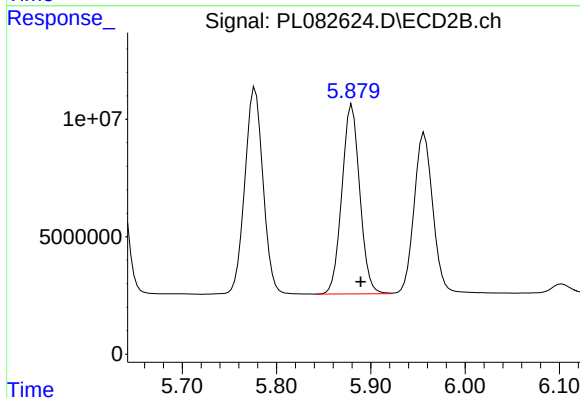
R.T.: 5.631 min  
Delta R.T.: -0.009 min  
Response: 108520836  
Conc: 58.02 ng/ml



#17 4,4'-DDT

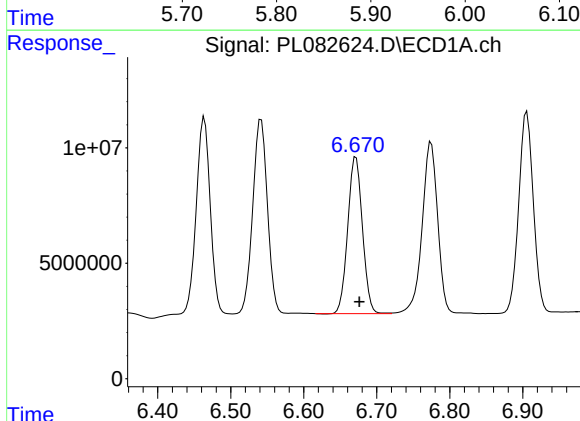
R.T.: 6.775 min  
Delta R.T.: -0.004 min  
Response: 110380768  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



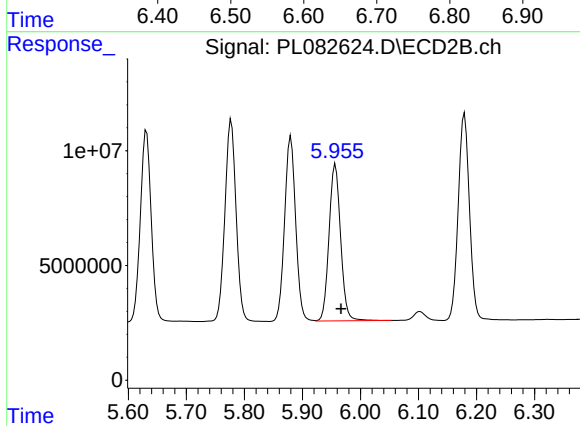
#17 4,4'-DDT

R.T.: 5.880 min  
Delta R.T.: -0.009 min  
Response: 106255213  
Conc: 50.30 ng/ml



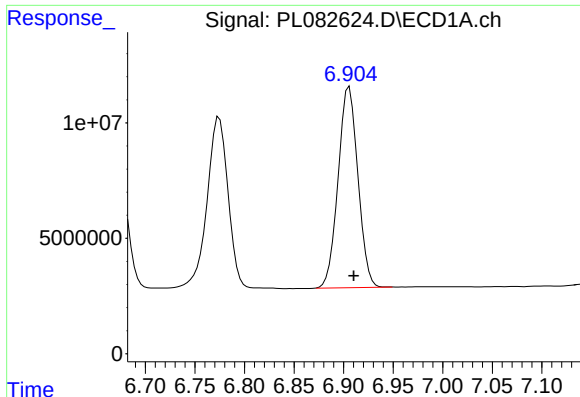
#18 Endrin aldehyde

R.T.: 6.672 min  
Delta R.T.: -0.005 min  
Response: 94980289  
Conc: 50.41 ng/ml



#18 Endrin aldehyde

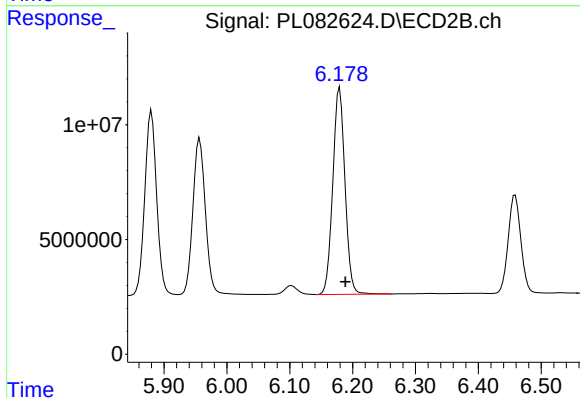
R.T.: 5.957 min  
Delta R.T.: -0.010 min  
Response: 94734545  
Conc: 50.62 ng/ml



#19 Endosulfan Sulfate

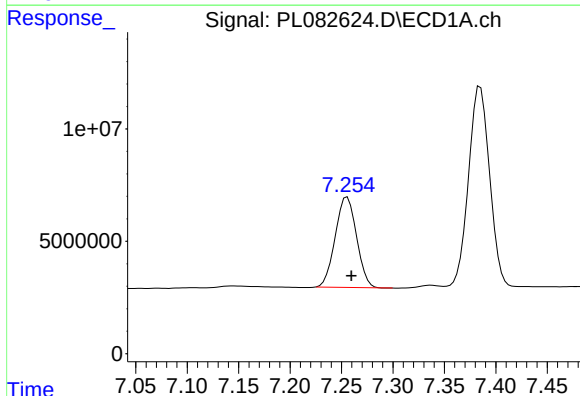
R.T.: 6.906 min  
Delta R.T.: -0.004 min  
Response: 120944121  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



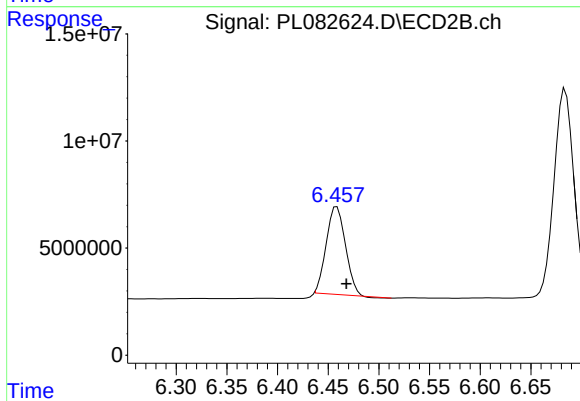
#19 Endosulfan Sulfate

R.T.: 6.179 min  
Delta R.T.: -0.009 min  
Response: 121375323  
Conc: 51.56 ng/ml



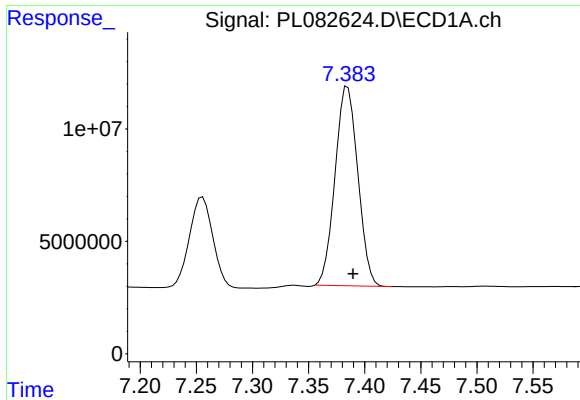
#20 Methoxychlor

R.T.: 7.256 min  
Delta R.T.: -0.004 min  
Response: 58038220  
Conc: 47.56 ng/ml



#20 Methoxychlor

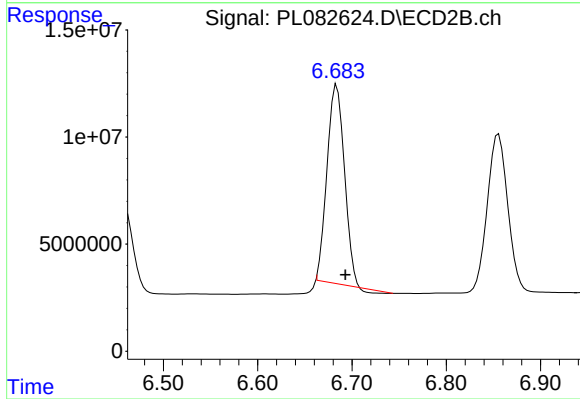
R.T.: 6.459 min  
Delta R.T.: -0.010 min  
Response: 53730368  
Conc: 44.34 ng/ml



#21 Endrin ketone

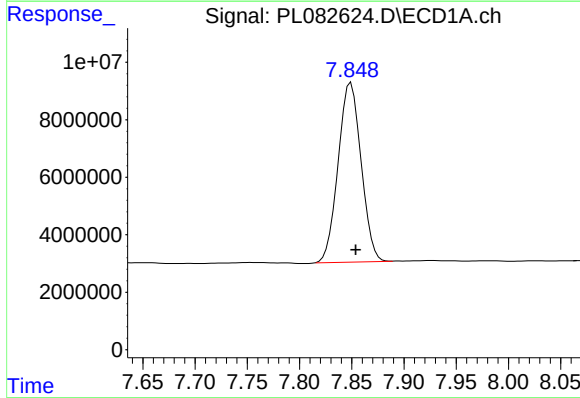
R.T.: 7.385 min  
Delta R.T.: -0.005 min  
Response: 125037226  
Conc: 52.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



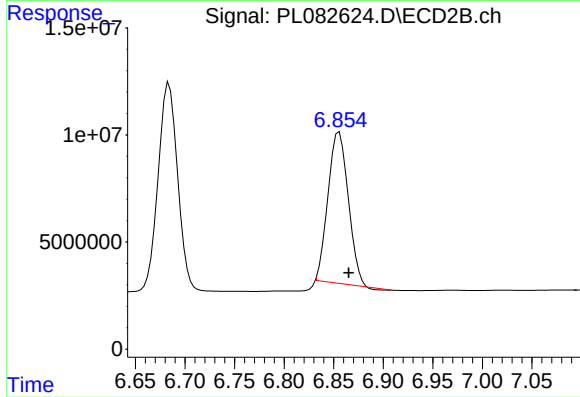
#21 Endrin ketone

R.T.: 6.684 min  
Delta R.T.: -0.009 min  
Response: 117507611  
Conc: 46.30 ng/ml



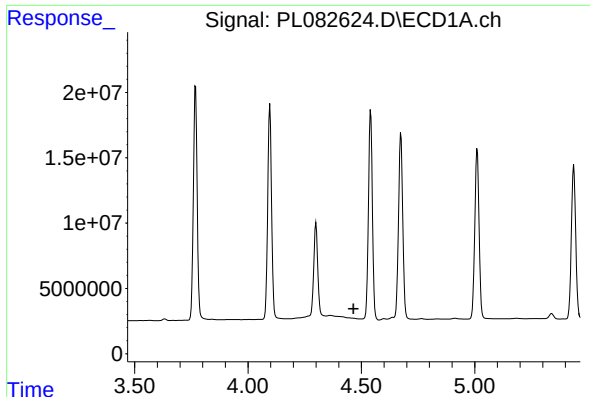
#22 Mirex

R.T.: 7.849 min  
Delta R.T.: -0.005 min  
Response: 95442751  
Conc: 48.79 ng/ml



#22 Mirex

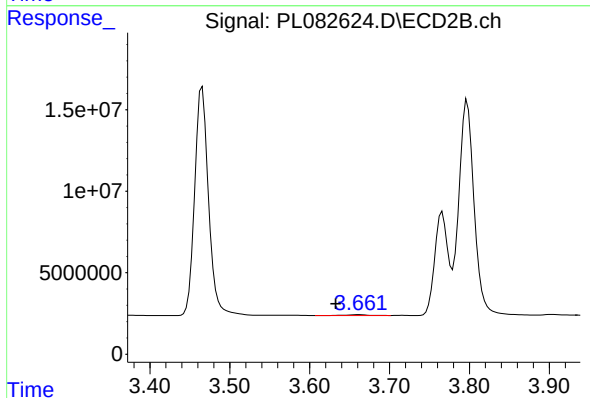
R.T.: 6.856 min  
Delta R.T.: -0.009 min  
Response: 99450315  
Conc: 43.16 ng/ml



#23 Chlordane-1

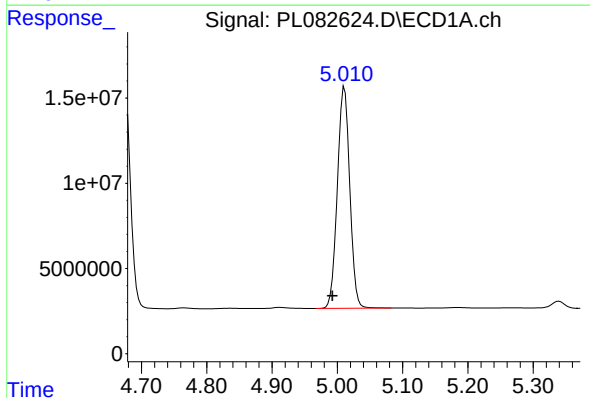
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



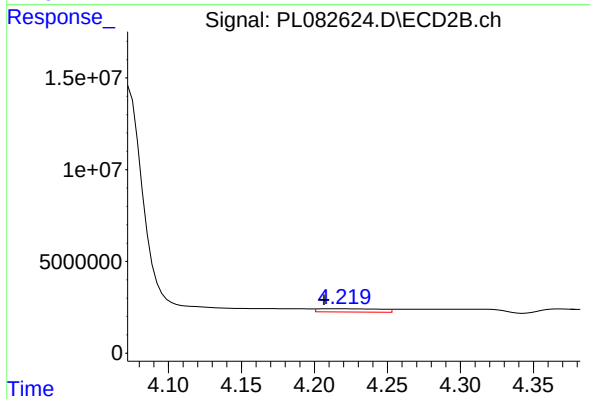
#23 Chlordane-1

R.T.: 3.662 min  
Delta R.T.: 0.029 min  
Response: 941700  
Conc: 10.62 ng/ml



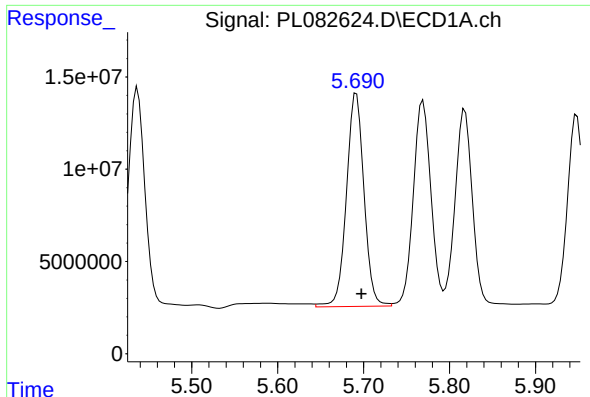
#24 Chlordane-2

R.T.: 5.011 min  
Delta R.T.: 0.019 min  
Response: 171944813  
Conc: 1444.28 ng/ml



#24 Chlordane-2

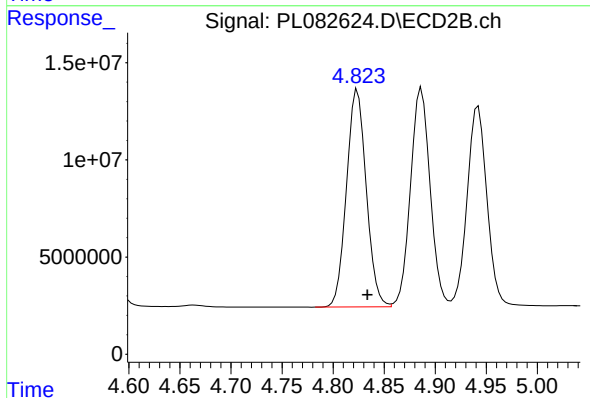
R.T.: 4.216 min  
Delta R.T.: 0.010 min  
Response: 5353726  
Conc: 47.74 ng/ml



#25 Chlordane-3

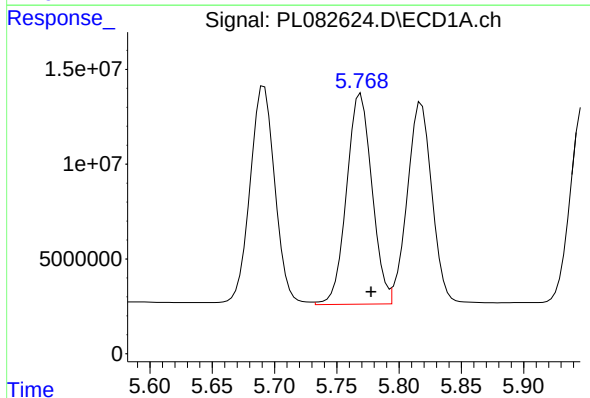
R.T.: 5.692 min  
Delta R.T.: -0.006 min  
Response: 164206202  
Conc: 380.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



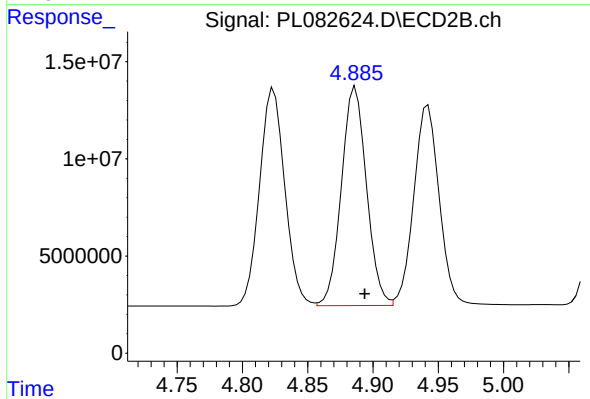
#25 Chlordane-3

R.T.: 4.824 min  
Delta R.T.: -0.010 min  
Response: 150654665  
Conc: 530.27 ng/ml



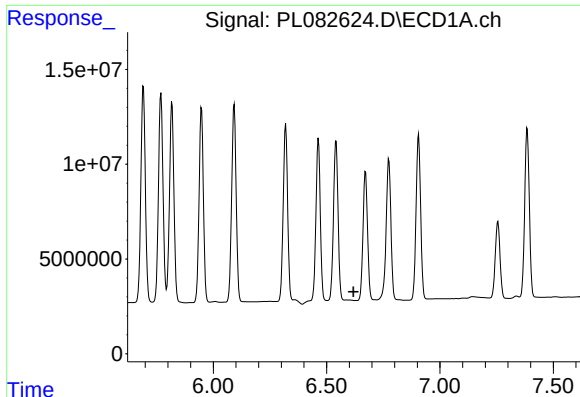
#26 Chlordane-4

R.T.: 5.769 min  
Delta R.T.: -0.008 min  
Response: 157814268  
Conc: 303.54 ng/ml



#26 Chlordane-4

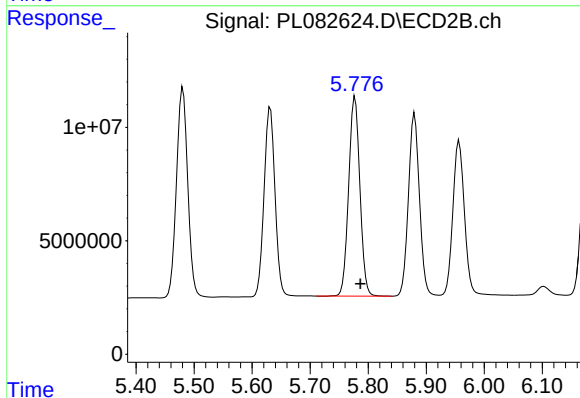
R.T.: 4.887 min  
Delta R.T.: -0.007 min  
Response: 150432871  
Conc: 504.12 ng/ml



#27 Chlordane-5

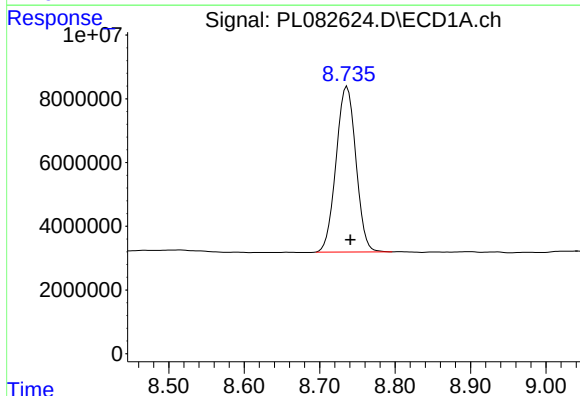
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



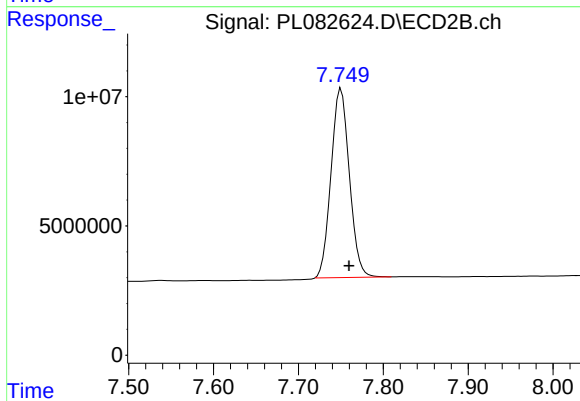
#27 Chlordane-5

R.T.: 5.777 min  
Delta R.T.: -0.009 min  
Response: 117710421  
Conc: 1192.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.736 min  
Delta R.T.: -0.005 min  
Response: 94836293  
Conc: 49.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.750 min  
Delta R.T.: -0.010 min  
Response: 109763715  
Conc: 48.09 ng/ml