

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091819\  
 Data File : PL052558.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2019 09:39  
 Operator : SG\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: Sep 19 01:47:48 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 17 11:25:25 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... | 3.551 | 4.046  | 424.6E6 | 119.5E6  | 54.457   | 54.857     |
| 28)                         | SA Decachlor... | 8.353 | 9.119  | 388.0E6 | 126.4E6  | 44.372   | 52.789     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.997 | 4.437  | 681.0E6 | 174.2E6  | 56.643   | 56.979     |
| 3)                          | MA gamma-BHC... | 4.284 | 4.722  | 630.4E6 | 164.1E6  | 55.717   | 56.823     |
| 4)                          | MA Heptachlor   | 4.594 | 5.231  | 638.8E6 | 170.2E6  | 56.532   | 57.991     |
| 5)                          | MB Aldrin       | 4.846 | 5.537  | 601.5E6 | 153.7E6  | 55.703   | 58.011     |
| 6)                          | B beta-BHC      | 4.533 | 4.889  | 262.7E6 | 74170467 | 53.678   | 55.614     |
| 7)                          | B delta-BHC     | 4.743 | 5.107  | 633.0E6 | 164.4E6  | 56.011   | 57.440     |
| 8)                          | B Heptachlo...  | 5.293 | 5.923  | 559.8E6 | 151.5E6  | 54.792   | 57.784     |
| 9)                          | A Endosulfan I  | 5.636 | 6.279  | 519.2E6 | 129.9E6  | 53.220   | 55.741     |
| 10)                         | B gamma-Chl...  | 5.522 | 6.155  | 576.7E6 | 143.4E6  | 54.300   | 56.365     |
| 11)                         | B alpha-Chl...  | 5.582 | 6.228  | 557.5E6 | 140.0E6  | 53.928   | 56.045     |
| 12)                         | B 4,4'-DDE      | 5.745 | 6.384  | 517.4E6 | 136.0E6  | 55.453   | 55.763     |
| 13)                         | MA Dieldrin     | 5.881 | 6.536  | 553.0E6 | 136.3E6  | 53.350   | 55.815     |
| 14)                         | MA Endrin       | 6.140 | 6.753  | 454.1E6 | 103.4E6  | 54.923   | 53.400     |
| 15)                         | B Endosulfa...  | 6.412 | 6.961  | 466.7E6 | 120.4E6  | 48.110   | 53.941     |
| 16)                         | A 4,4'-DDD      | 6.263 | 6.873  | 410.7E6 | 103.7E6  | 53.618   | 56.312     |
| 17)                         | MA 4,4'-DDT     | 6.507 | 7.172  | 404.7E6 | 101.6E6  | 52.147   | 55.531     |
| 18)                         | B Endrin al...  | 6.581 | 7.085  | 375.5E6 | 101.3E6  | 48.560   | 54.615     |
| 19)                         | B Endosulfa...  | 6.795 | 7.308  | 415.0E6 | 109.4E6  | 50.025   | 53.286     |
| 20)                         | A Methoxychlor  | 7.054 | 7.629  | 203.1E6 | 55574107 | 50.229   | 54.844     |
| 21)                         | B Endrin ke...  | 7.289 | 7.779  | 482.3E6 | 117.1E6  | 46.454   | 52.714     |
| 22)                         | Mirex           | 7.487 | 8.234  | 348.7E6 | 91408915 | 45.598   | 53.411     |
| 24)                         | Chlordane-2     | 0.000 | 5.537f | 0       | 153.7E6  | N.D.     | 1873.620 # |
| 25)                         | Chlordane-3     | 5.522 | 6.155  | 576.7E6 | 143.4E6  | 596.074  | 468.652    |
| 26)                         | Chlordane-4     | 5.582 | 6.228  | 557.5E6 | 140.0E6  | 708.392  | 364.014 #  |
| 27)                         | Chlordane-5     | 6.412 | 0.000  | 466.7E6 | 0        | 1515.412 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

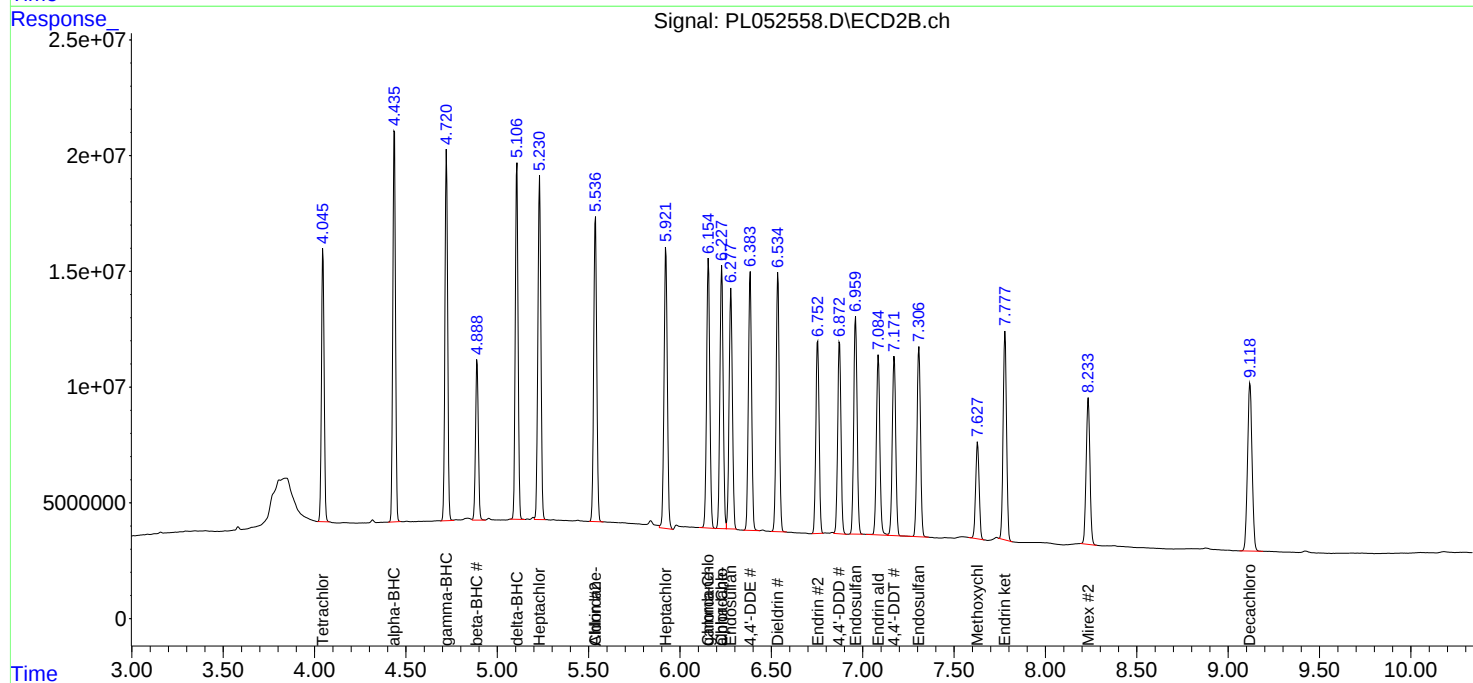
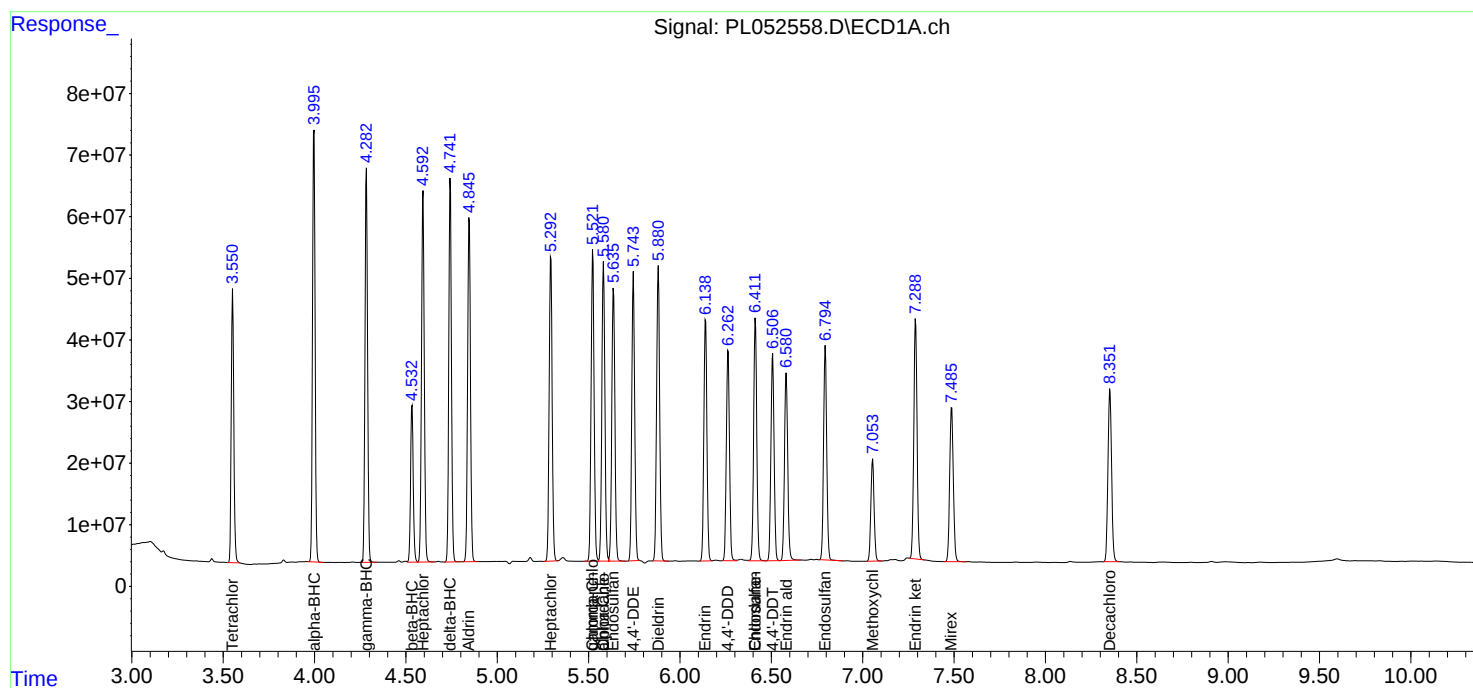
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

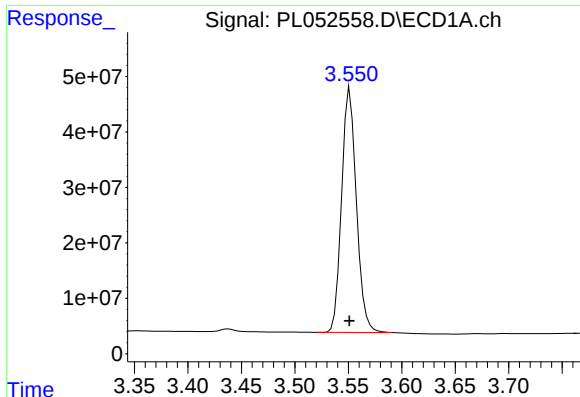
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091819\  
Data File : PL052558.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Sep 2019 09:39  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 19 01:47:48 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 17 11:25:25 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

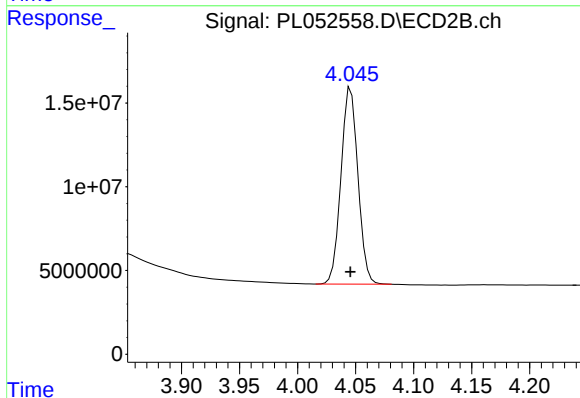




#1 Tetrachloro-m-xylene

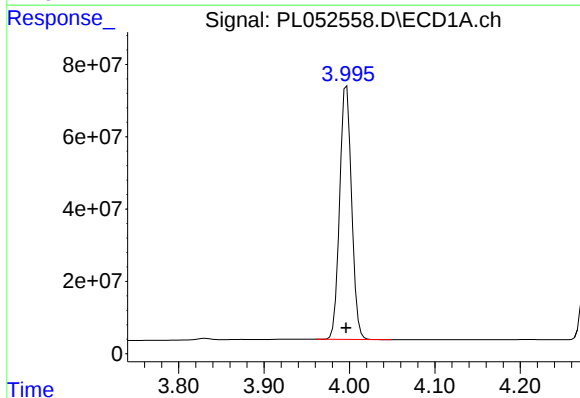
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 424637530  
Conc: 54.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



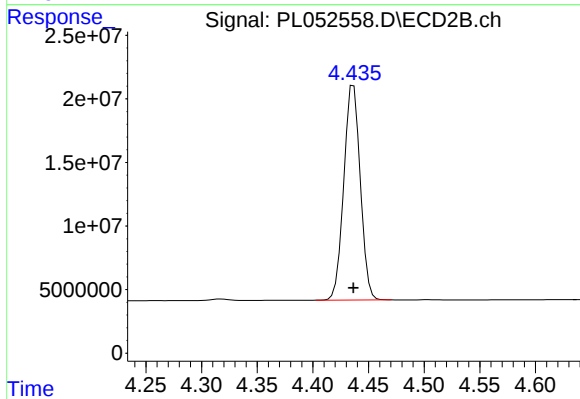
#1 Tetrachloro-m-xylene

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 119530066  
Conc: 54.86 ng/ml



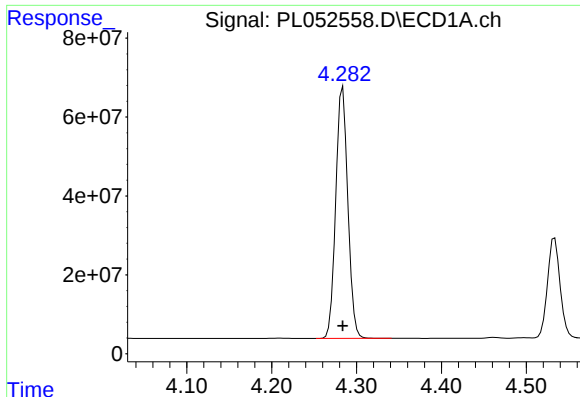
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.000 min  
Response: 680992710  
Conc: 56.64 ng/ml



#2 alpha-BHC

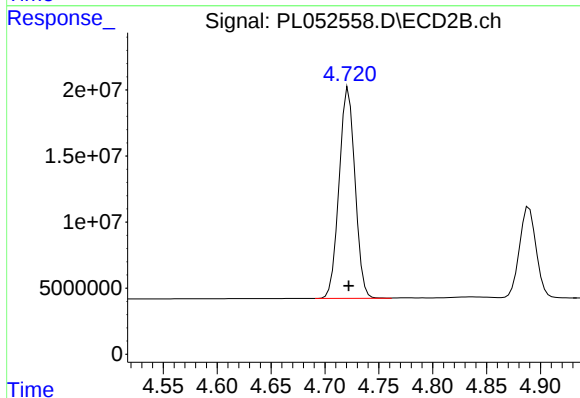
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 174163356  
Conc: 56.98 ng/ml



#3 gamma-BHC (Lindane)

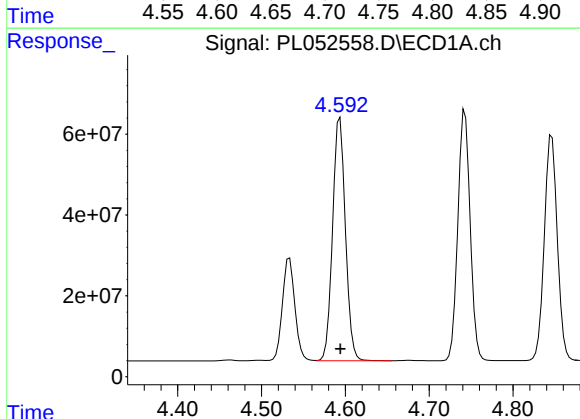
R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 630401160  
Conc: 55.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



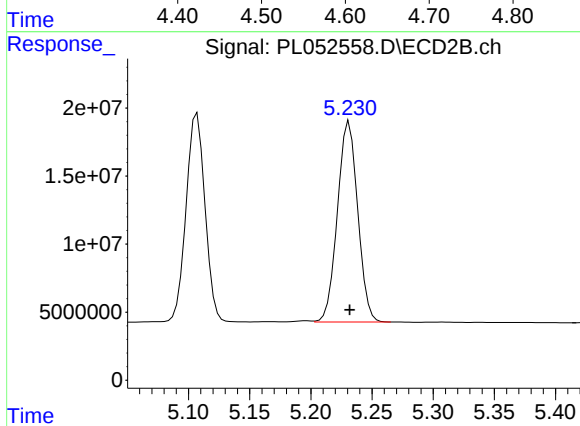
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 164077104  
Conc: 56.82 ng/ml



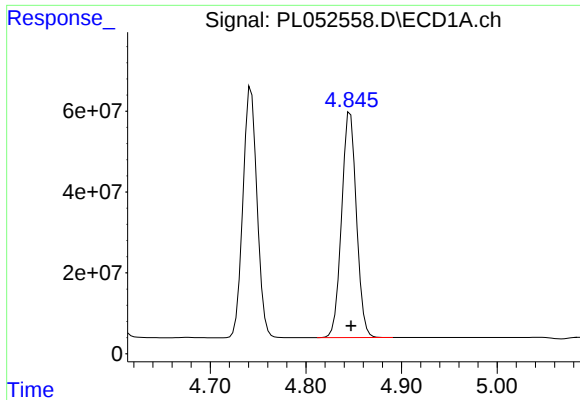
#4 Heptachlor

R.T.: 4.594 min  
Delta R.T.: 0.000 min  
Response: 638756528  
Conc: 56.53 ng/ml



#4 Heptachlor

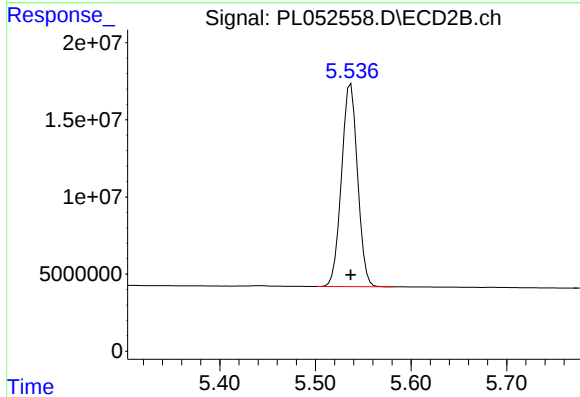
R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 170191633  
Conc: 57.99 ng/ml



#5 Aldrin

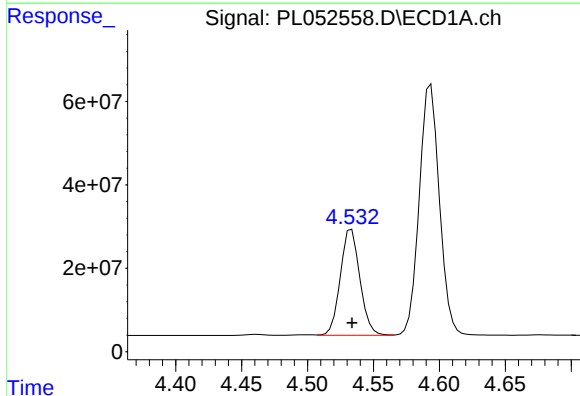
R.T.: 4.846 min  
Delta R.T.: 0.000 min  
Response: 601515481  
Conc: 55.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



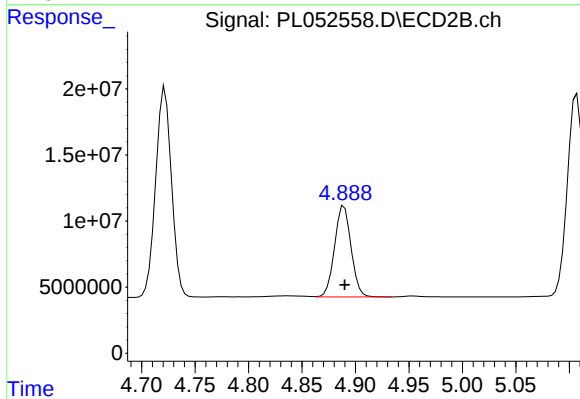
#5 Aldrin

R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 153656602  
Conc: 58.01 ng/ml



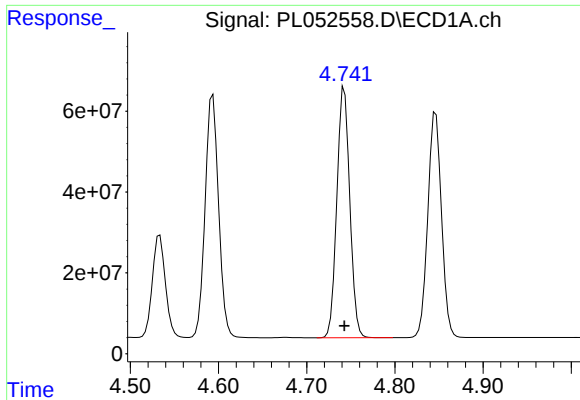
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 262690889  
Conc: 53.68 ng/ml



#6 beta-BHC

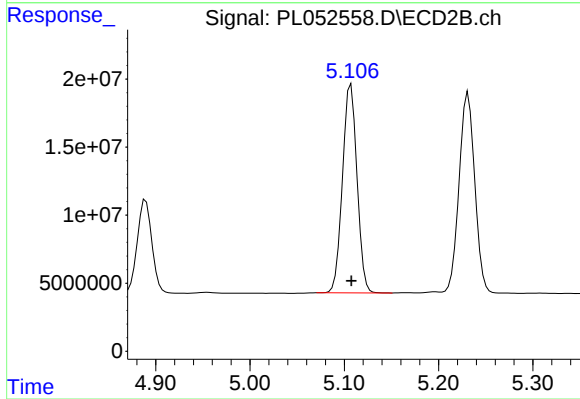
R.T.: 4.889 min  
Delta R.T.: 0.000 min  
Response: 74170467  
Conc: 55.61 ng/ml



#7 delta-BHC

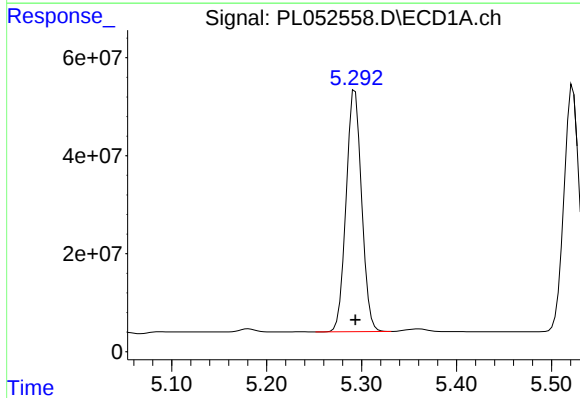
R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 632953390  
Conc: 56.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



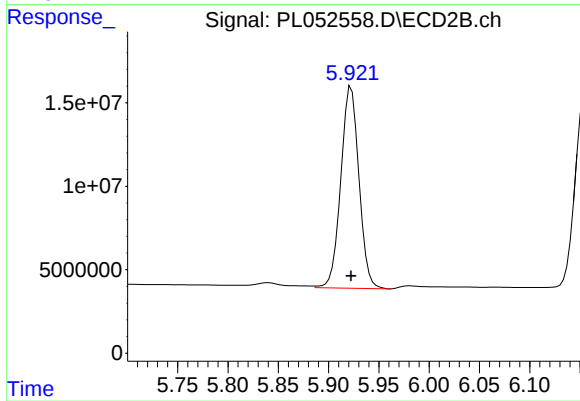
#7 delta-BHC

R.T.: 5.107 min  
Delta R.T.: 0.000 min  
Response: 164442618  
Conc: 57.44 ng/ml



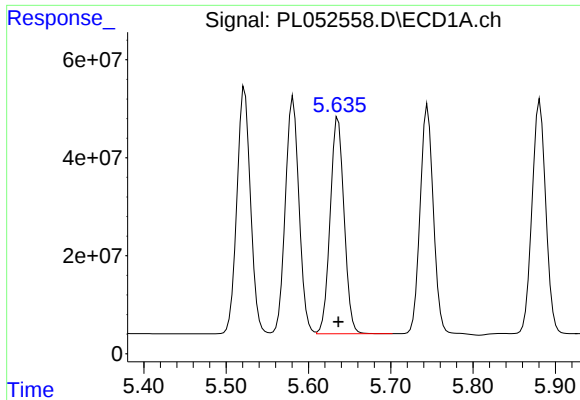
#8 Heptachlor epoxide

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 559820613  
Conc: 54.79 ng/ml



#8 Heptachlor epoxide

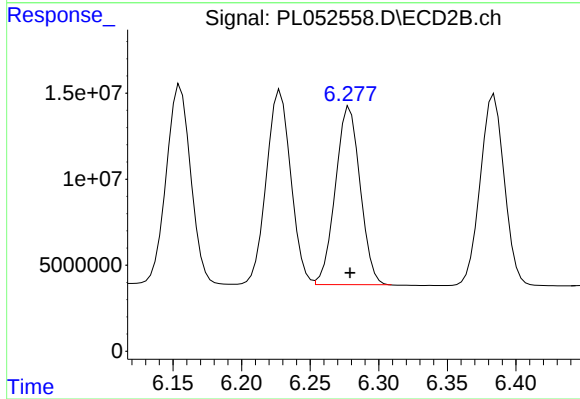
R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 151538198  
Conc: 57.78 ng/ml



#9 Endosulfan I

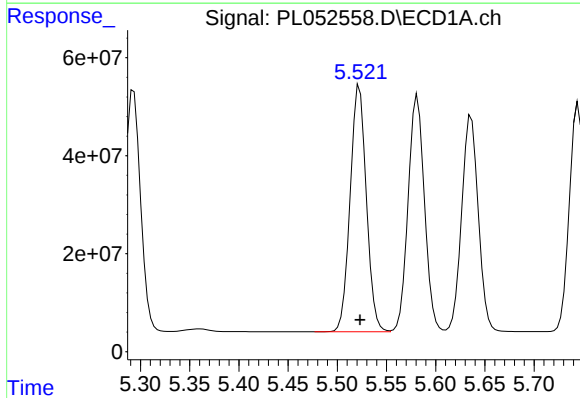
R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 519194319  
Conc: 53.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



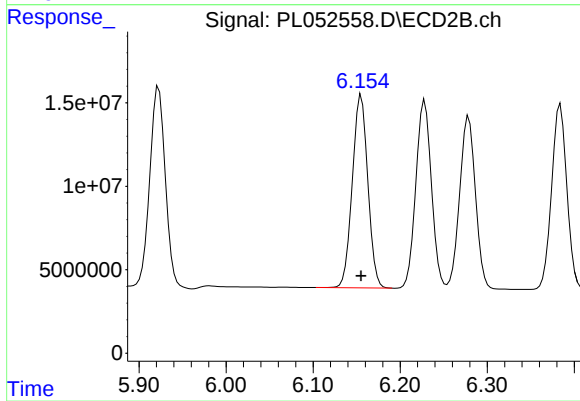
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 129943388  
Conc: 55.74 ng/ml



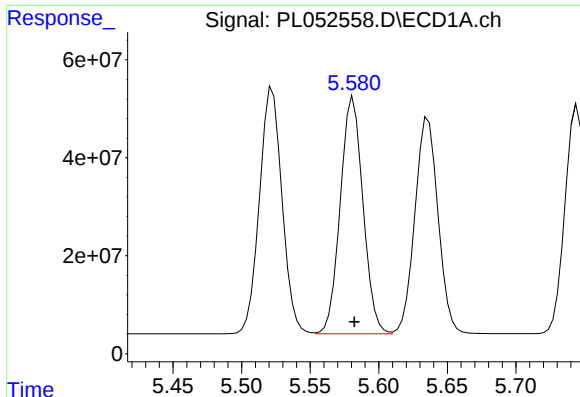
#10 gamma-Chlordane

R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 576677253  
Conc: 54.30 ng/ml



#10 gamma-Chlordane

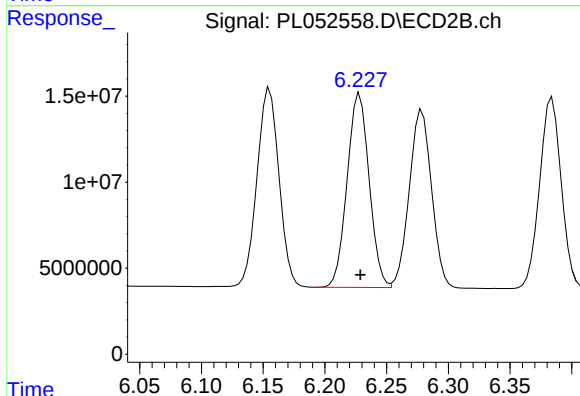
R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 143392964  
Conc: 56.37 ng/ml



#11 alpha-Chlordane

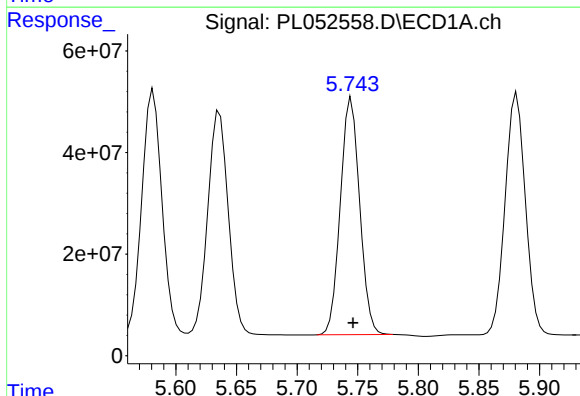
R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 557465531  
Conc: 53.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



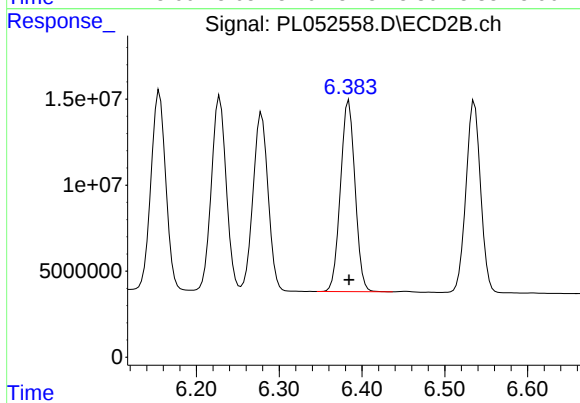
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 140003740  
Conc: 56.05 ng/ml



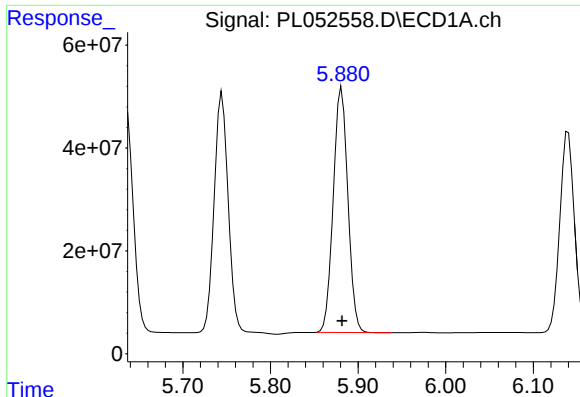
#12 4,4'-DDE

R.T.: 5.745 min  
Delta R.T.: -0.001 min  
Response: 517437720  
Conc: 55.45 ng/ml



#12 4,4'-DDE

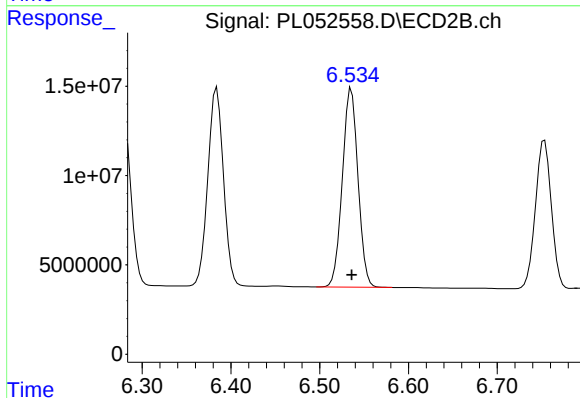
R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 135951472  
Conc: 55.76 ng/ml



#13 Dieldrin

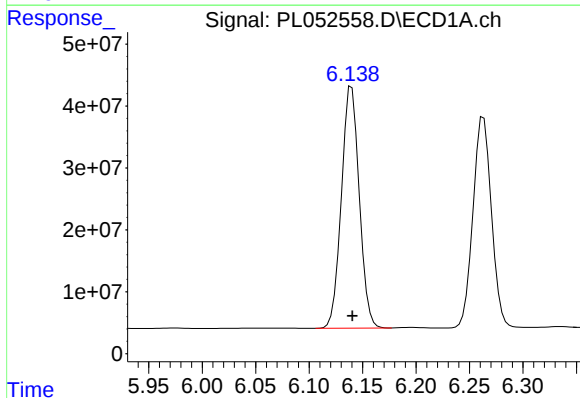
R.T.: 5.881 min  
Delta R.T.: 0.000 min  
Response: 553025792  
Conc: 53.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



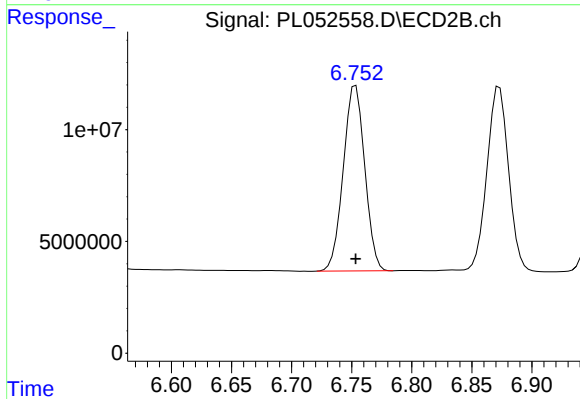
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 136305945  
Conc: 55.82 ng/ml



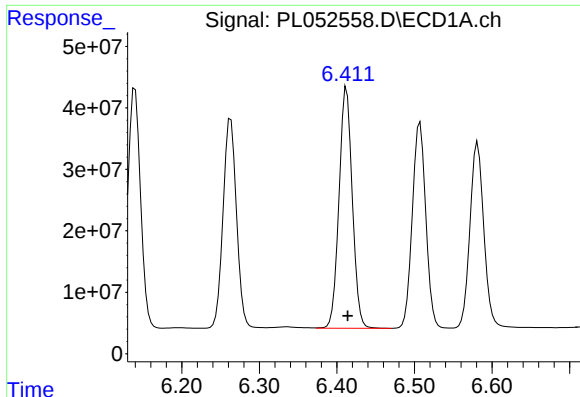
#14 Endrin

R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 454090960  
Conc: 54.92 ng/ml



#14 Endrin

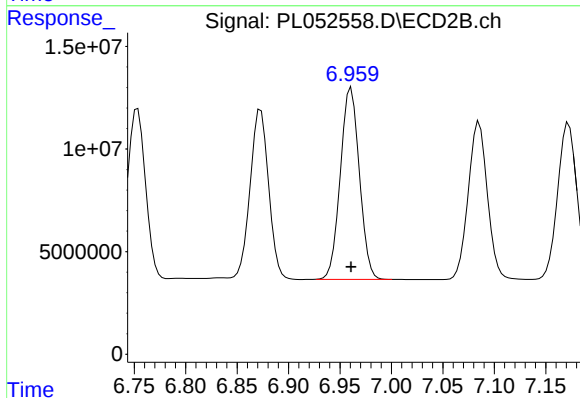
R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 103359859  
Conc: 53.40 ng/ml



#15 Endosulfan II

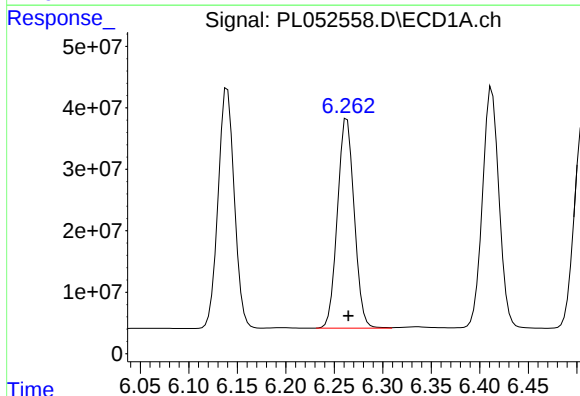
R.T.: 6.412 min  
Delta R.T.: -0.001 min  
Response: 466656902  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



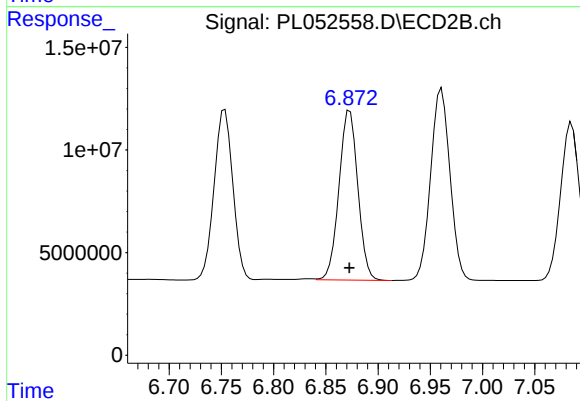
#15 Endosulfan II

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 120406969  
Conc: 53.94 ng/ml



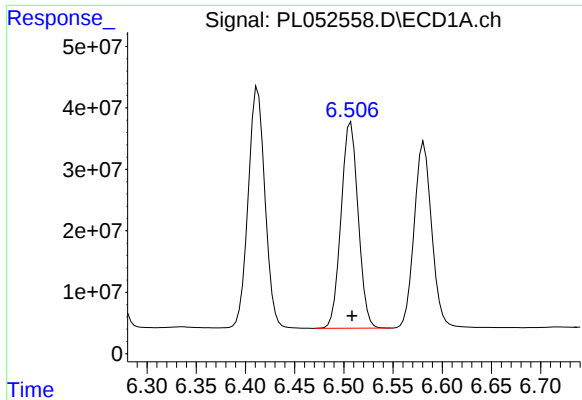
#16 4,4'-DDD

R.T.: 6.263 min  
Delta R.T.: -0.001 min  
Response: 410662542  
Conc: 53.62 ng/ml



#16 4,4'-DDD

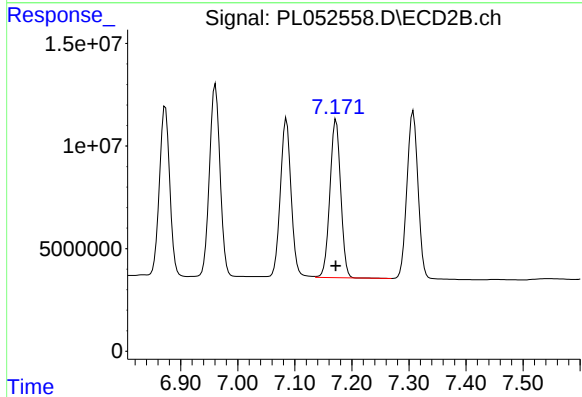
R.T.: 6.873 min  
Delta R.T.: 0.000 min  
Response: 103715897  
Conc: 56.31 ng/ml



#17 4,4'-DDT

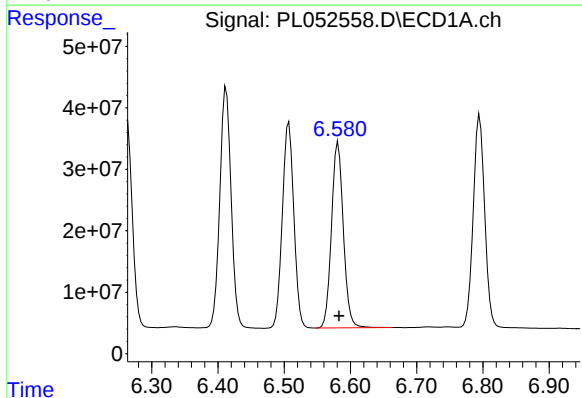
R.T.: 6.507 min  
Delta R.T.: -0.001 min  
Response: 404727534  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



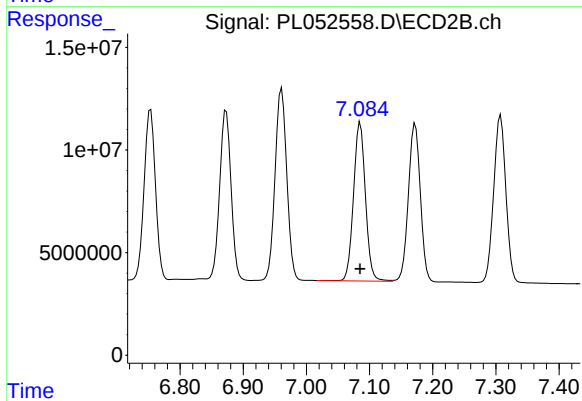
#17 4,4'-DDT

R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 101570693  
Conc: 55.53 ng/ml



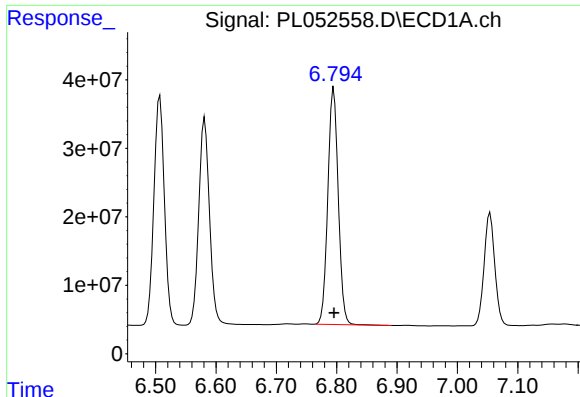
#18 Endrin aldehyde

R.T.: 6.581 min  
Delta R.T.: -0.001 min  
Response: 375453979  
Conc: 48.56 ng/ml



#18 Endrin aldehyde

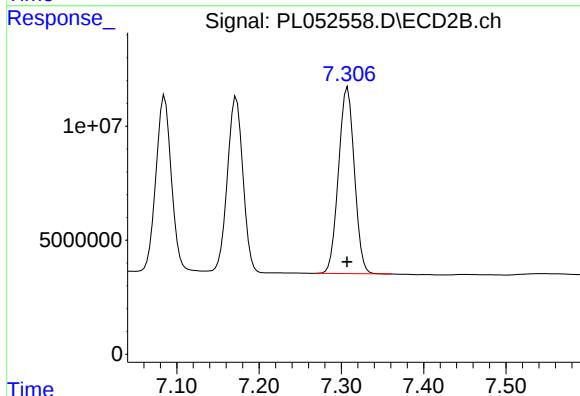
R.T.: 7.085 min  
Delta R.T.: 0.000 min  
Response: 101312969  
Conc: 54.62 ng/ml



#19 Endosulfan Sulfate

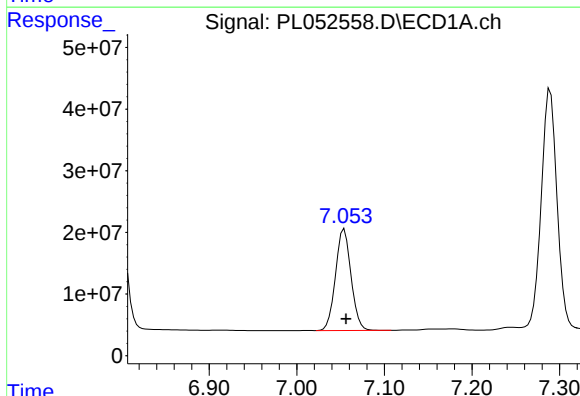
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 414955174  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



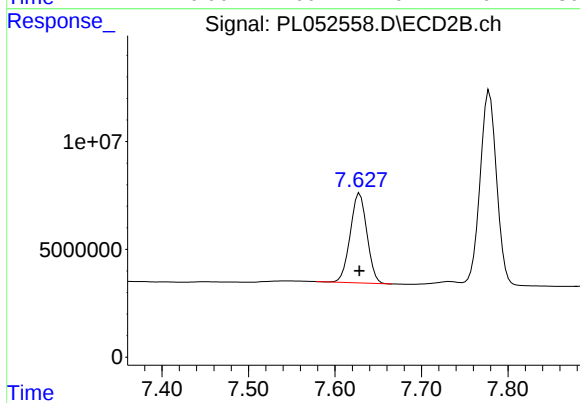
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: 0.000 min  
Response: 109443832  
Conc: 53.29 ng/ml



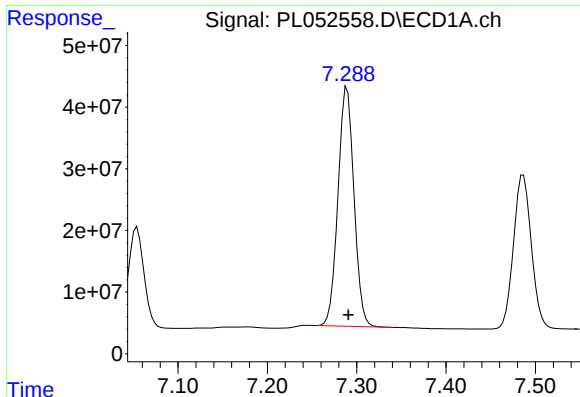
#20 Methoxychlor

R.T.: 7.054 min  
Delta R.T.: -0.002 min  
Response: 203078894  
Conc: 50.23 ng/ml



#20 Methoxychlor

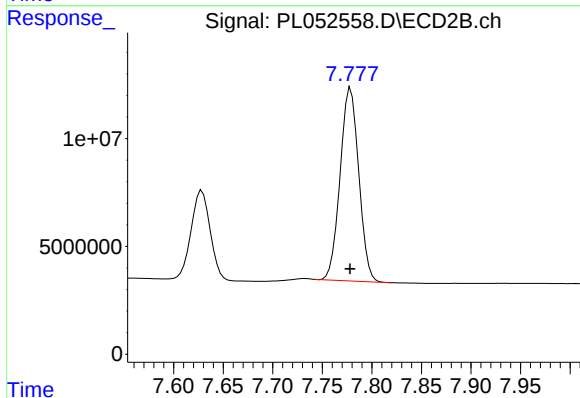
R.T.: 7.629 min  
Delta R.T.: 0.000 min  
Response: 55574107  
Conc: 54.84 ng/ml



#21 Endrin ketone

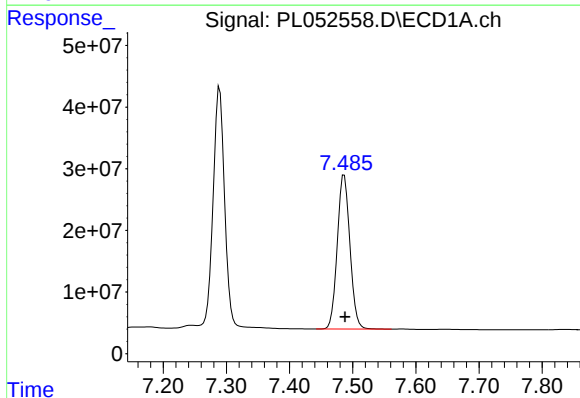
R.T.: 7.289 min  
Delta R.T.: -0.001 min  
Response: 482344282  
Conc: 46.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



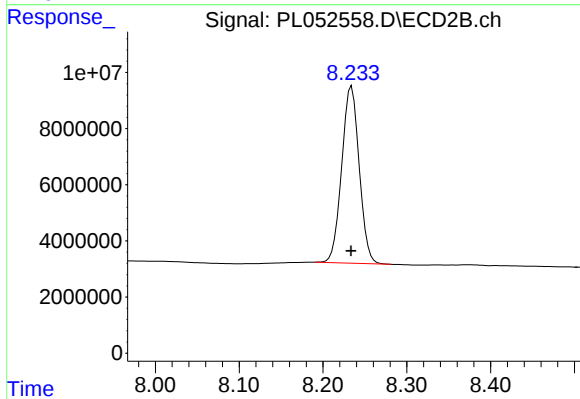
#21 Endrin ketone

R.T.: 7.779 min  
Delta R.T.: 0.000 min  
Response: 117062310  
Conc: 52.71 ng/ml



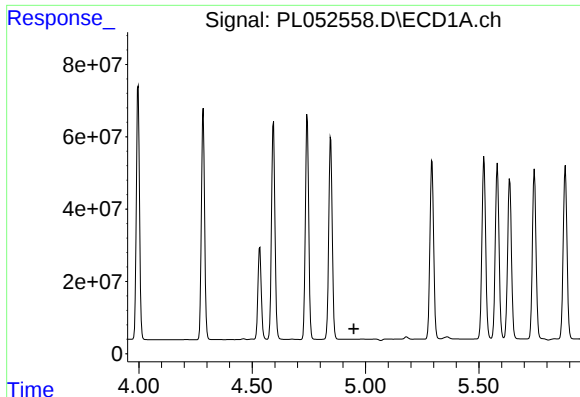
#22 Mirex

R.T.: 7.487 min  
Delta R.T.: -0.001 min  
Response: 348724124  
Conc: 45.60 ng/ml



#22 Mirex

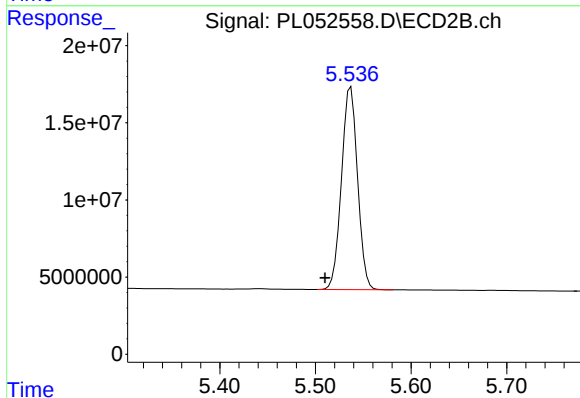
R.T.: 8.234 min  
Delta R.T.: 0.000 min  
Response: 91408915  
Conc: 53.41 ng/ml



#24 Chlordane-2

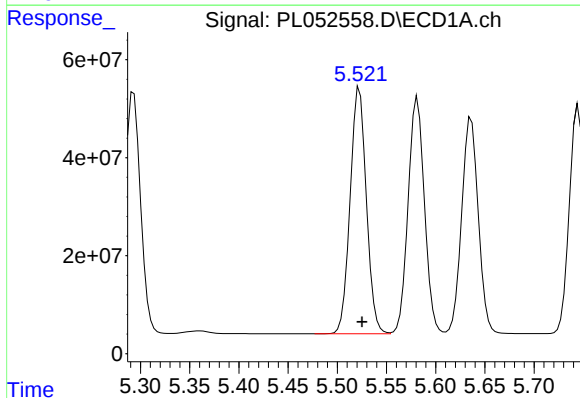
R.T.: 0.000 min  
Exp R.T.: 4.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



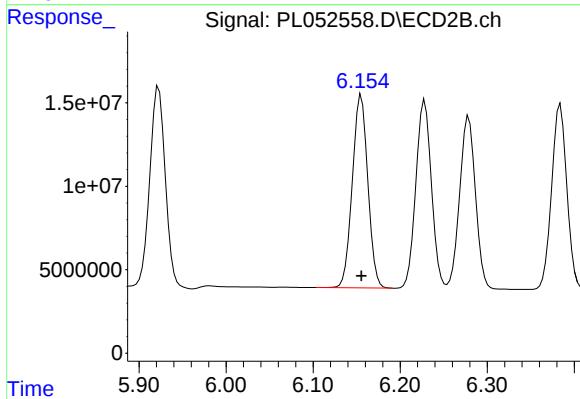
#24 Chlordane-2

R.T.: 5.537 min  
Delta R.T.: 0.027 min  
Response: 153656602  
Conc: 1873.62 ng/ml



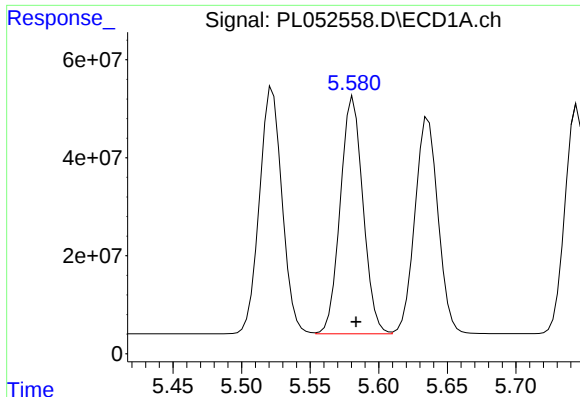
#25 Chlordane-3

R.T.: 5.522 min  
Delta R.T.: -0.003 min  
Response: 576677253  
Conc: 596.07 ng/ml



#25 Chlordane-3

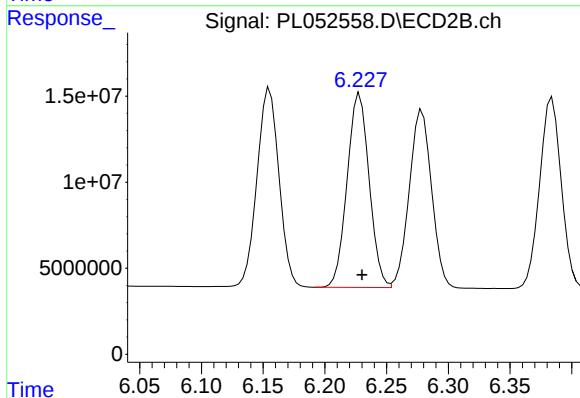
R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 143392964  
Conc: 468.65 ng/ml



#26 Chlordane-4

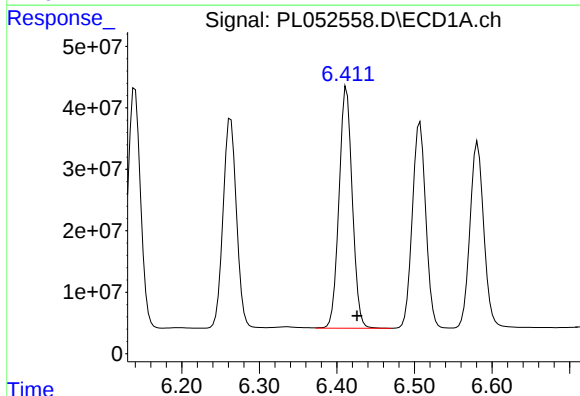
R.T.: 5.582 min  
Delta R.T.: -0.002 min  
Response: 557465531  
Conc: 708.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



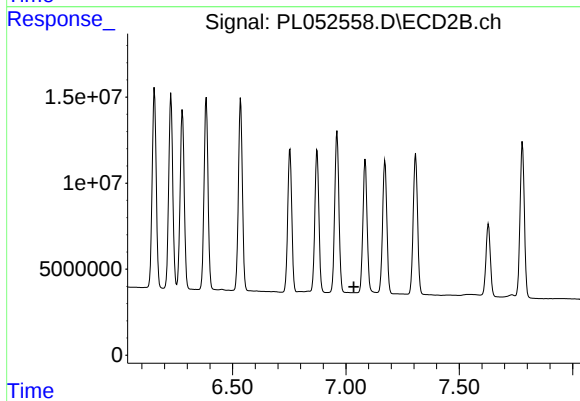
#26 Chlordane-4

R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 140003740  
Conc: 364.01 ng/ml



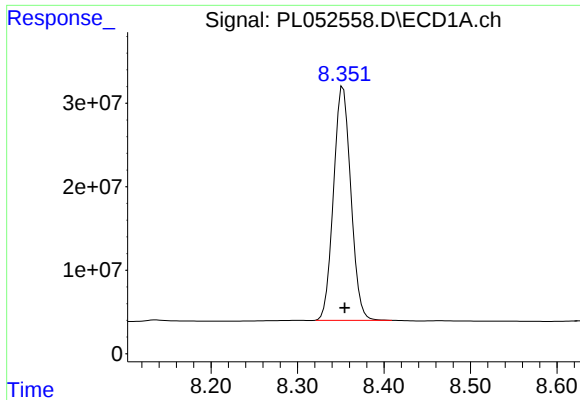
#27 Chlordane-5

R.T.: 6.412 min  
Delta R.T.: -0.014 min  
Response: 466656902  
Conc: 1515.41 ng/ml



#27 Chlordane-5

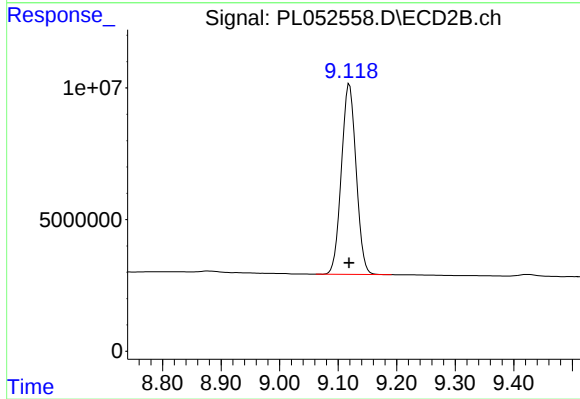
R.T.: 0.000 min  
Exp R.T.: 7.035 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.353 min  
Delta R.T.: -0.002 min  
Response: 388016308  
Conc: 44.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: 0.000 min  
Response: 126411672  
Conc: 52.79 ng/ml