

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092019\  
 Data File : PL052651.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2019 11:56  
 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 20 22:43:10 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... | 3.552 | 4.047  | 388.0E6 | 114.2E6  | 49.754   | 52.391     |
| 2)                          | SA Decachlor... | 8.351 | 9.122  | 379.6E6 | 123.6E6  | 43.411   | 51.611     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.997 | 4.437  | 685.8E6 | 165.4E6  | 57.046   | 54.112     |
| 3)                          | MA gamma-BHC... | 4.284 | 4.723  | 575.3E6 | 154.9E6  | 50.847   | 53.629     |
| 4)                          | MA Heptachlor   | 4.593 | 5.232  | 579.1E6 | 161.4E6  | 51.252   | 55.008     |
| 5)                          | MB Aldrin       | 4.846 | 5.538  | 545.3E6 | 146.7E6  | 50.501   | 55.377     |
| 6)                          | B beta-BHC      | 4.533 | 4.890  | 240.6E6 | 74744909 | 49.170   | 56.045     |
| 7)                          | B delta-BHC     | 4.743 | 5.108  | 576.8E6 | 155.0E6  | 51.043   | 54.145     |
| 8)                          | B Heptachlo...  | 5.292 | 5.923  | 493.1E6 | 153.9E6  | 48.259   | 58.674     |
| 9)                          | A Endosulfan I  | 5.635 | 6.280  | 469.0E6 | 125.1E6  | 48.070   | 53.670     |
| 10)                         | B gamma-Chl...  | 5.521 | 6.157  | 520.3E6 | 140.1E6  | 48.993   | 55.066     |
| 11)                         | B alpha-Chl...  | 5.580 | 6.229  | 501.3E6 | 134.0E6  | 48.497   | 53.637     |
| 12)                         | B 4,4'-DDE      | 5.744 | 6.385  | 457.1E6 | 129.7E6  | 48.992   | 53.190     |
| 13)                         | MA Dieldrin     | 5.880 | 6.537  | 504.6E6 | 128.4E6  | 48.676   | 52.582     |
| 14)                         | MA Endrin       | 6.139 | 6.754  | 413.3E6 | 96856648 | 49.984   | 50.040     |
| 15)                         | B Endosulfa...  | 6.412 | 6.962  | 431.3E6 | 113.9E6  | 44.462   | 51.038     |
| 16)                         | A 4,4'-DDD      | 6.262 | 6.874  | 375.6E6 | 98974330 | 49.036   | 53.738     |
| 17)                         | MA 4,4'-DDT     | 6.506 | 7.173  | 380.0E6 | 98534086 | 48.962   | 53.871     |
| 18)                         | B Endrin al...  | 6.580 | 7.086  | 368.2E6 | 96219808 | 47.620   | 51.870     |
| 19)                         | B Endosulfa...  | 6.794 | 7.309  | 346.8E6 | 105.2E6  | 41.806   | 51.205     |
| 20)                         | A Methoxychlor  | 7.053 | 7.630  | 191.0E6 | 53034561 | 47.253   | 52.338     |
| 21)                         | B Endrin ke...  | 7.288 | 7.780  | 450.6E6 | 116.0E6  | 43.398   | 52.213     |
| 22)                         | Mirex           | 7.484 | 8.235  | 315.4E6 | 85851878 | 41.242   | 50.164     |
| 24)                         | Chlordane-2     | 0.000 | 5.538f | 0       | 146.7E6  | N.D.     | 1788.562 # |
| 25)                         | Chlordane-3     | 5.521 | 6.157  | 520.3E6 | 140.1E6  | 537.810  | 457.849    |
| 26)                         | Chlordane-4     | 5.580 | 6.229  | 501.3E6 | 134.0E6  | 637.059  | 348.374 #  |
| 27)                         | Chlordane-5     | 6.412 | 0.000  | 431.3E6 | 0        | 1400.506 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

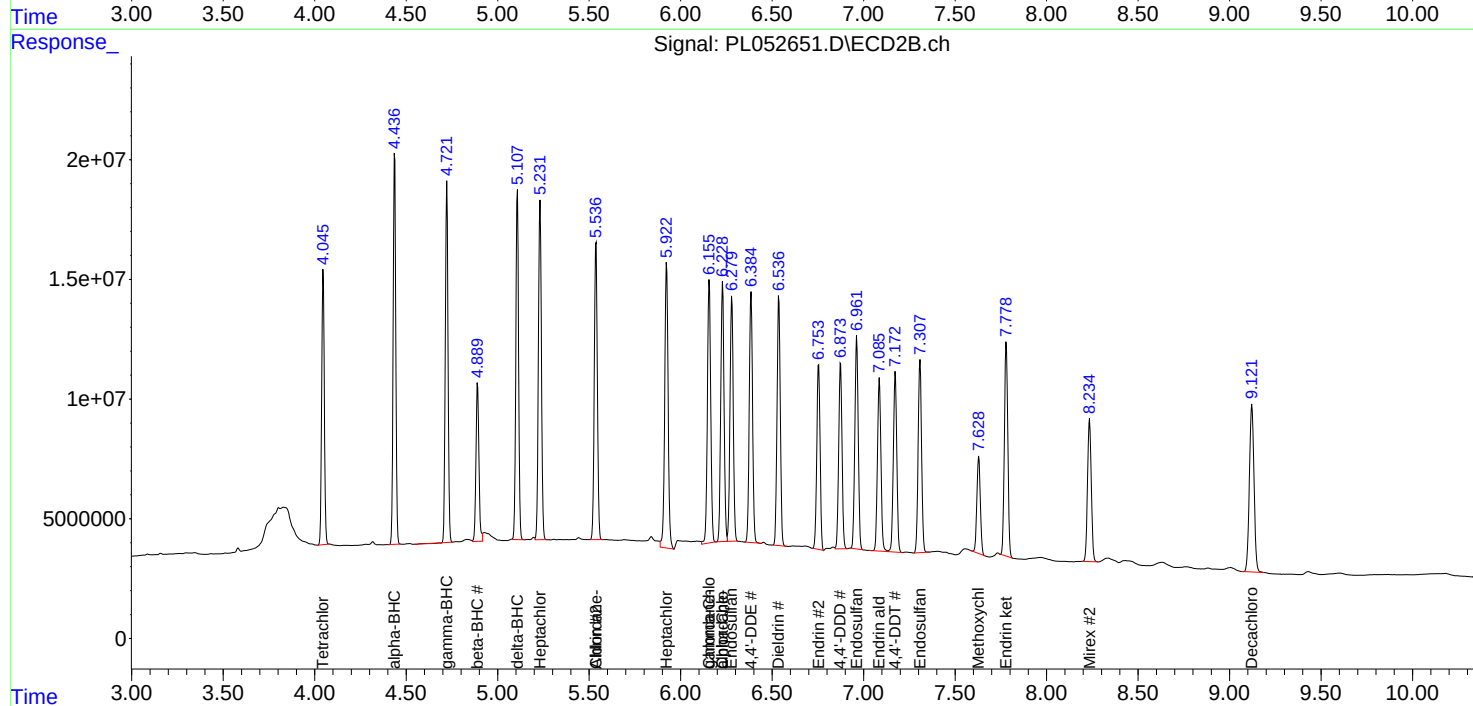
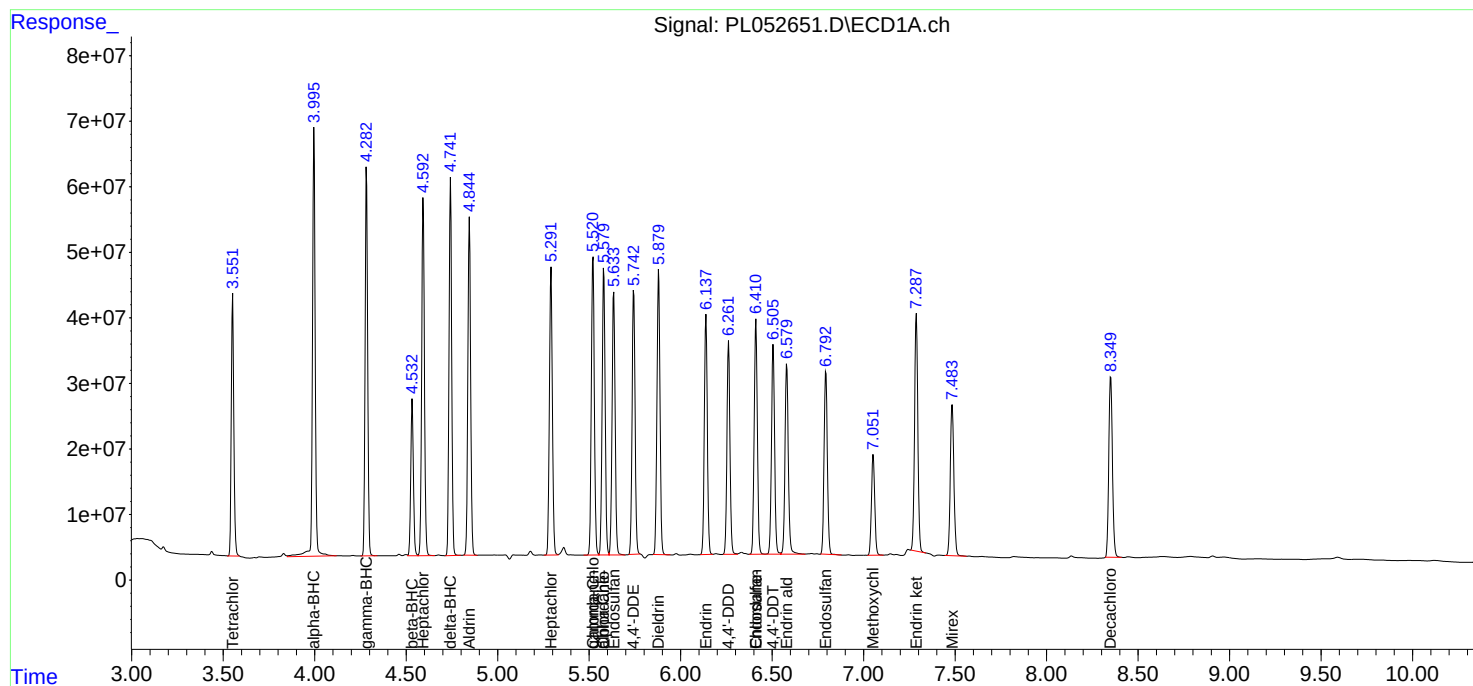
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

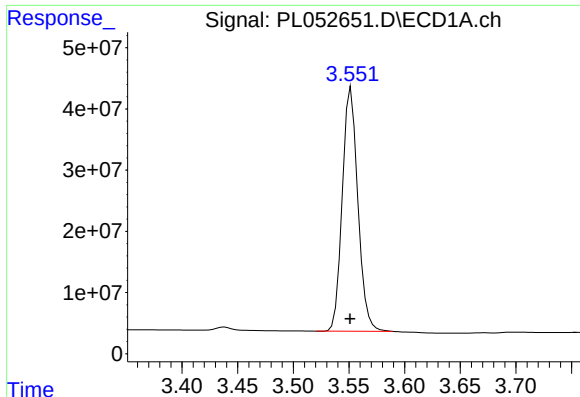
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092019\  
Data File : PL052651.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Sep 2019 11:56  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 20 22:43:10 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

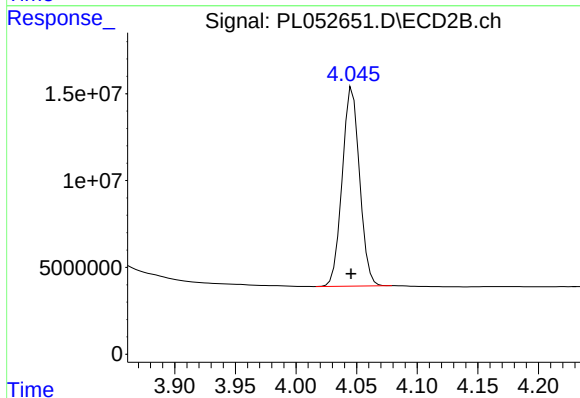




#1 Tetrachloro-m-xylene

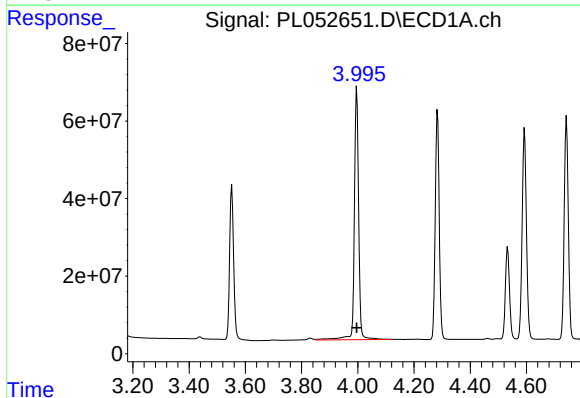
R.T.: 3.552 min  
Delta R.T.: 0.000 min  
Response: 387969801  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



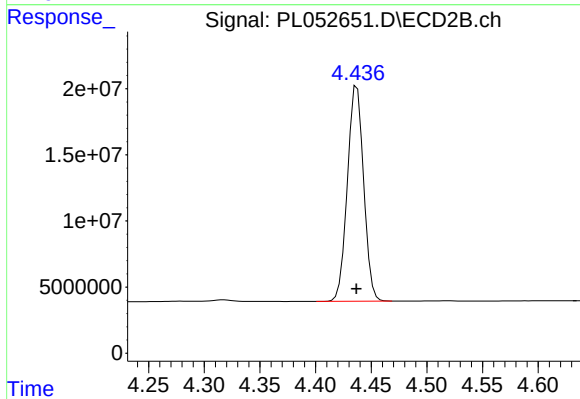
#1 Tetrachloro-m-xylene

R.T.: 4.047 min  
Delta R.T.: 0.001 min  
Response: 114156942  
Conc: 52.39 ng/ml



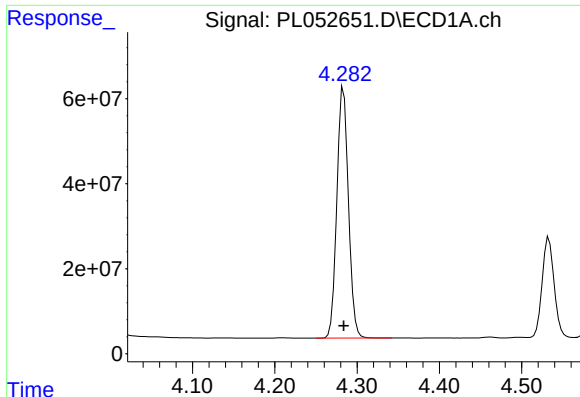
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.000 min  
Response: 685837854  
Conc: 57.05 ng/ml



#2 alpha-BHC

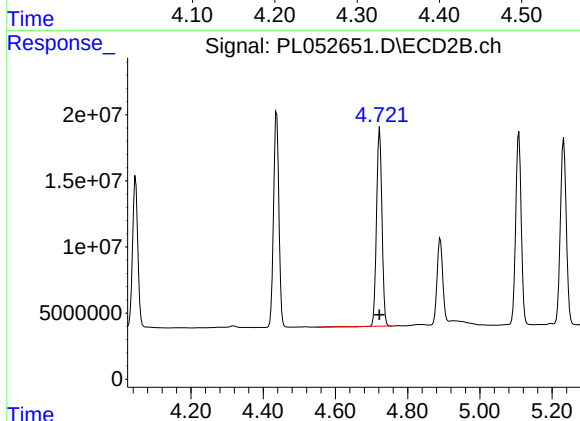
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 165398575  
Conc: 54.11 ng/ml



#3 gamma-BHC (Lindane)

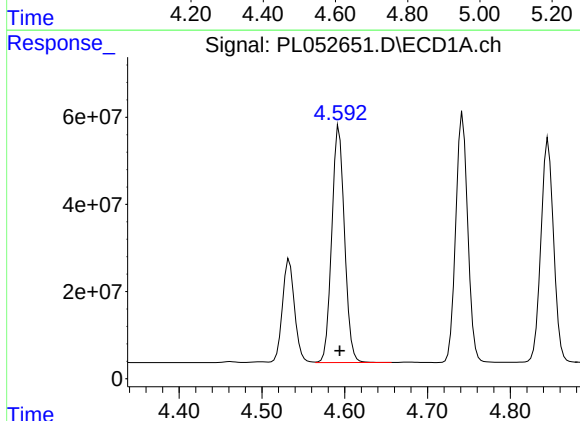
R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 575297660  
Conc: 50.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



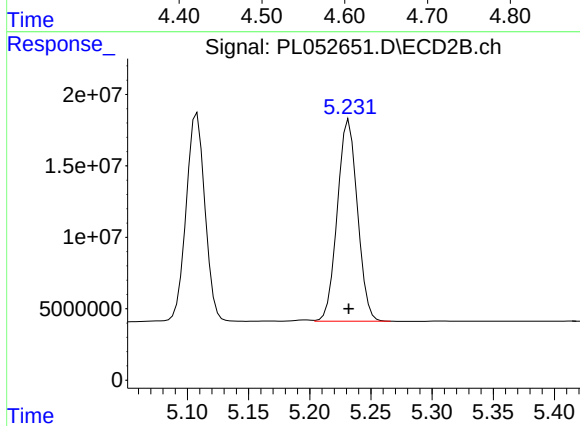
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 154853111  
Conc: 53.63 ng/ml



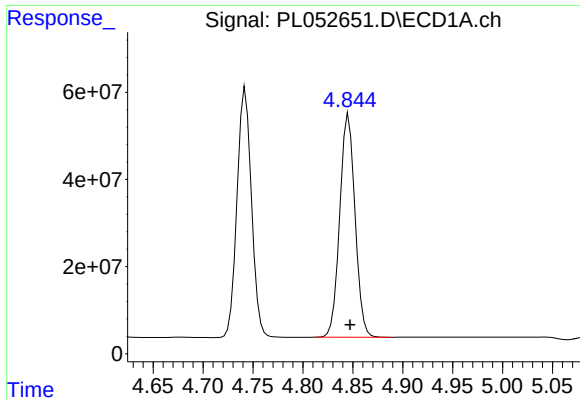
#4 Heptachlor

R.T.: 4.593 min  
Delta R.T.: 0.000 min  
Response: 579095261  
Conc: 51.25 ng/ml



#4 Heptachlor

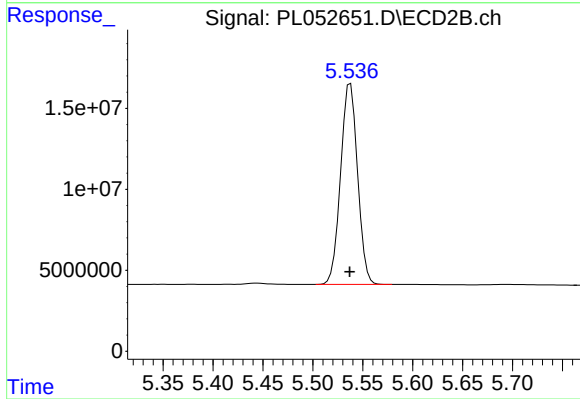
R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 161436108  
Conc: 55.01 ng/ml



#5 Aldrin

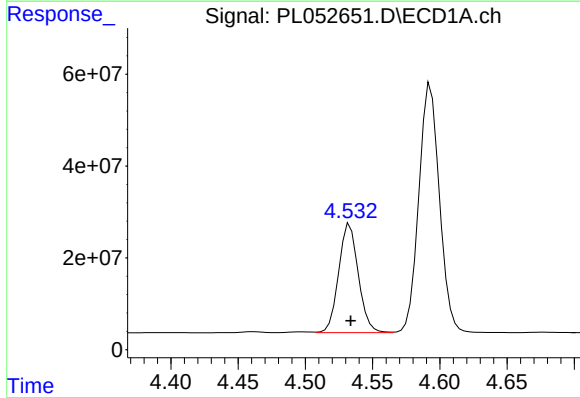
R.T.: 4.846 min  
Delta R.T.: -0.001 min  
Response: 545338952  
Conc: 50.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



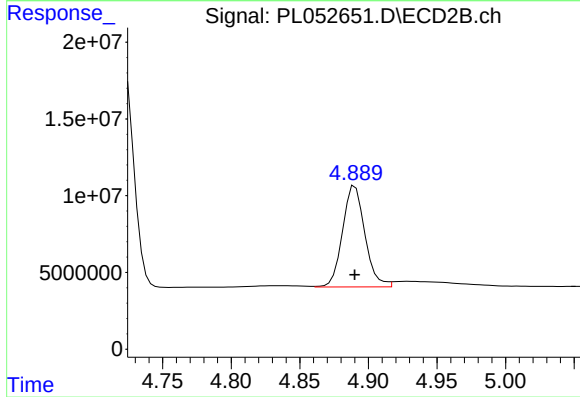
#5 Aldrin

R.T.: 5.538 min  
Delta R.T.: 0.000 min  
Response: 146680978  
Conc: 55.38 ng/ml



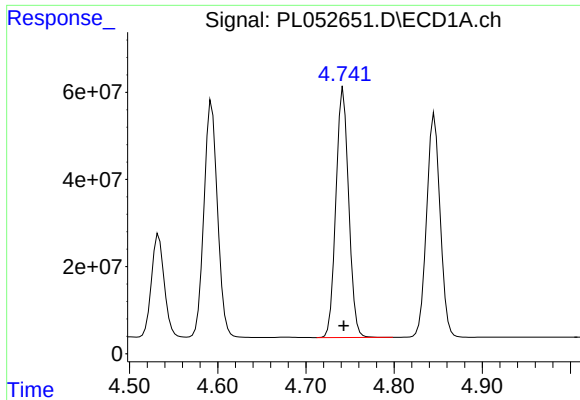
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 240628645  
Conc: 49.17 ng/ml



#6 beta-BHC

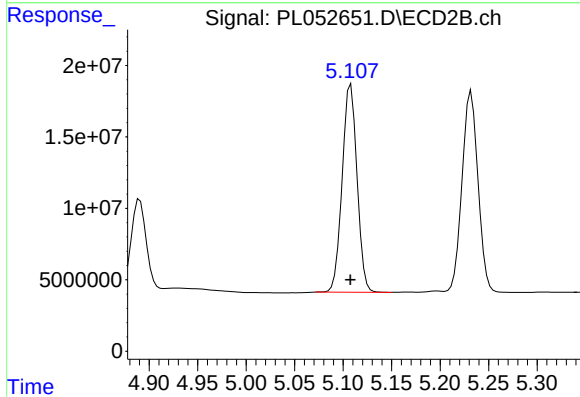
R.T.: 4.890 min  
Delta R.T.: 0.000 min  
Response: 74744909  
Conc: 56.05 ng/ml



#7 delta-BHC

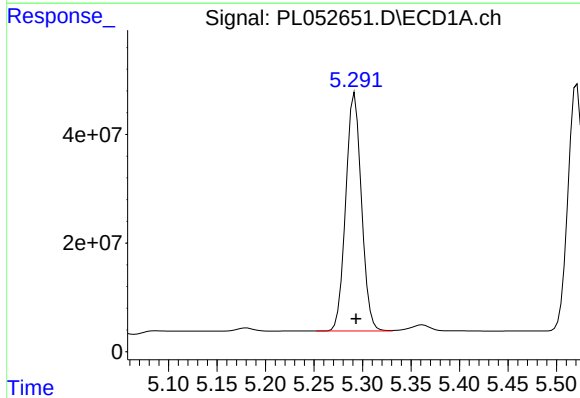
R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 576815176  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



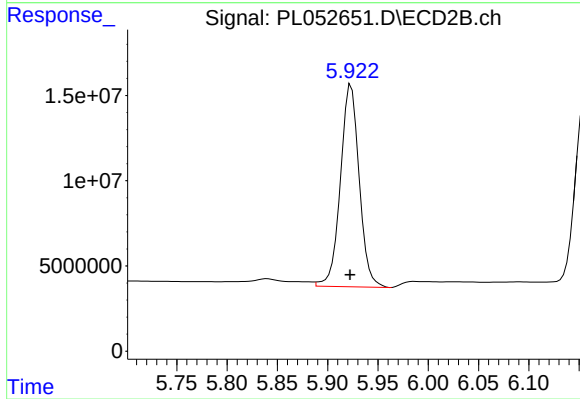
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 155008455  
Conc: 54.14 ng/ml



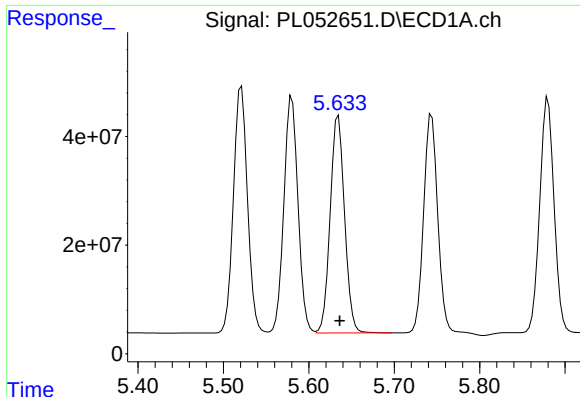
#8 Heptachlor epoxide

R.T.: 5.292 min  
Delta R.T.: -0.001 min  
Response: 493072574  
Conc: 48.26 ng/ml



#8 Heptachlor epoxide

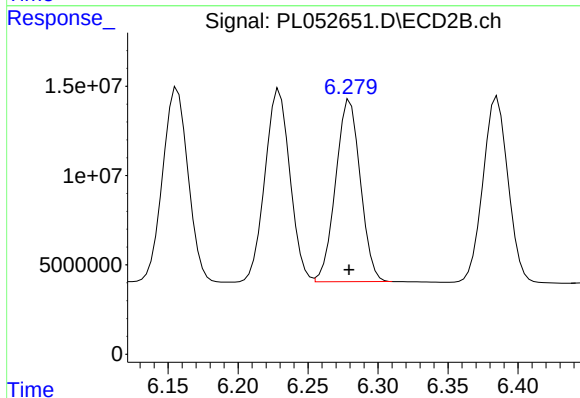
R.T.: 5.923 min  
Delta R.T.: 0.001 min  
Response: 153871508  
Conc: 58.67 ng/ml



#9 Endosulfan I

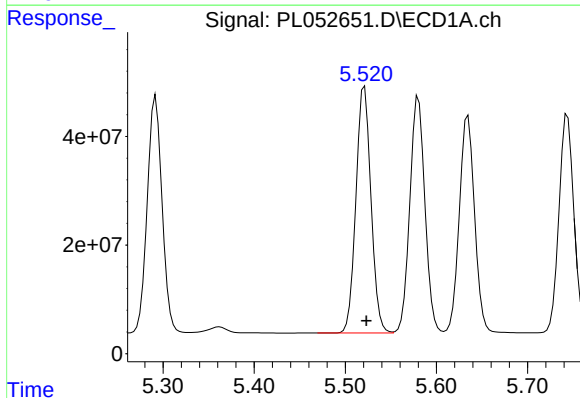
R.T.: 5.635 min  
Delta R.T.: -0.002 min  
Response: 468951781  
Conc: 48.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



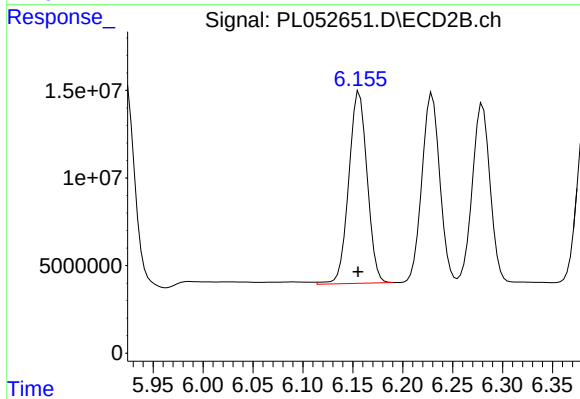
#9 Endosulfan I

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 125116928  
Conc: 53.67 ng/ml



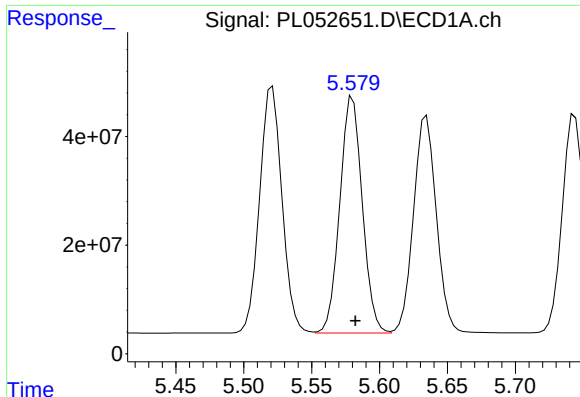
#10 gamma-Chlordane

R.T.: 5.521 min  
Delta R.T.: -0.002 min  
Response: 520309200  
Conc: 48.99 ng/ml



#10 gamma-Chlordane

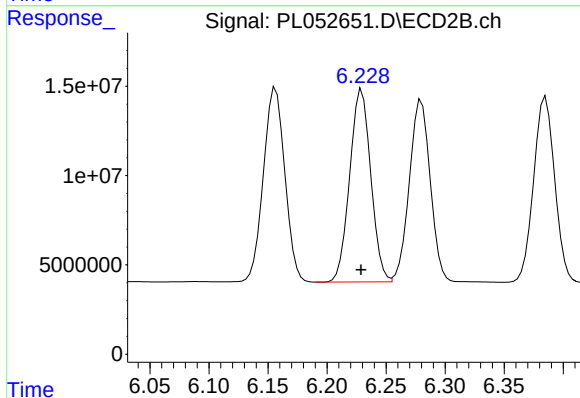
R.T.: 6.157 min  
Delta R.T.: 0.001 min  
Response: 140087661  
Conc: 55.07 ng/ml



#11 alpha-Chlordane

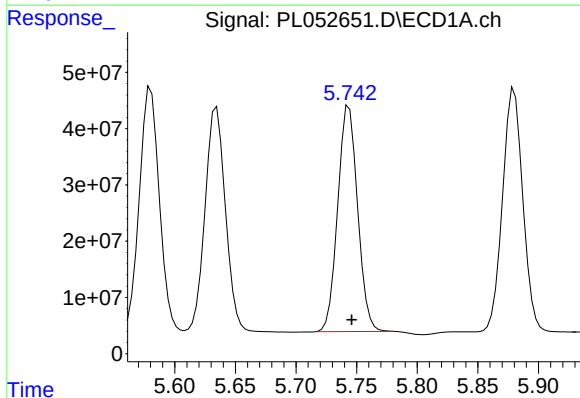
R.T.: 5.580 min  
Delta R.T.: -0.002 min  
Response: 501330255  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



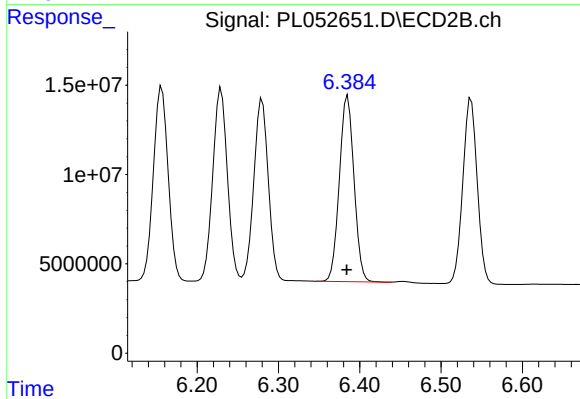
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 133988403  
Conc: 53.64 ng/ml



#12 4,4'-DDE

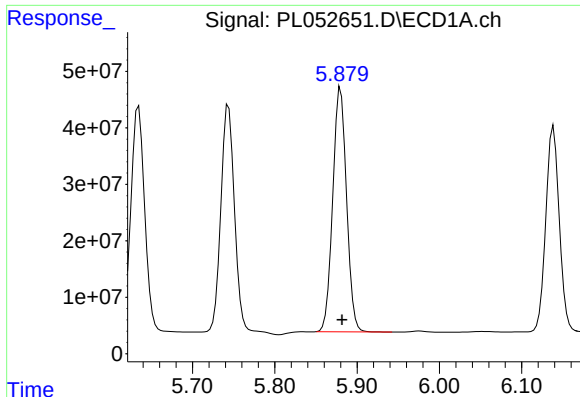
R.T.: 5.744 min  
Delta R.T.: -0.002 min  
Response: 457145541  
Conc: 48.99 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 129678355  
Conc: 53.19 ng/ml

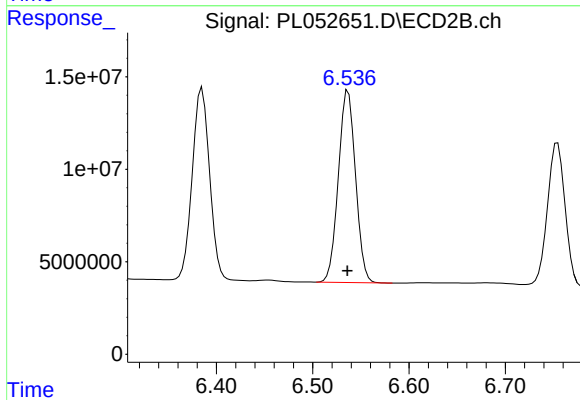




#13 Dieldrin

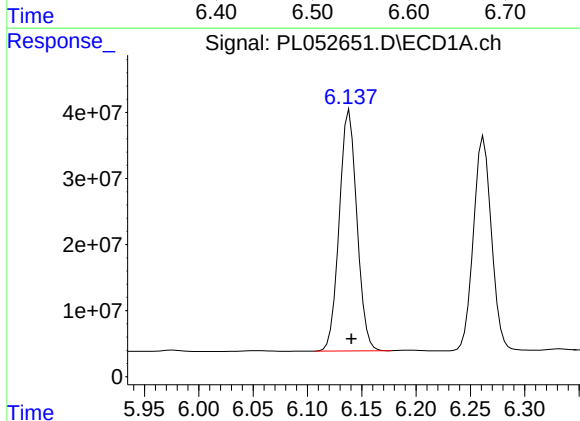
R.T.: 5.880 min  
Delta R.T.: -0.002 min  
Response: 504576323  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



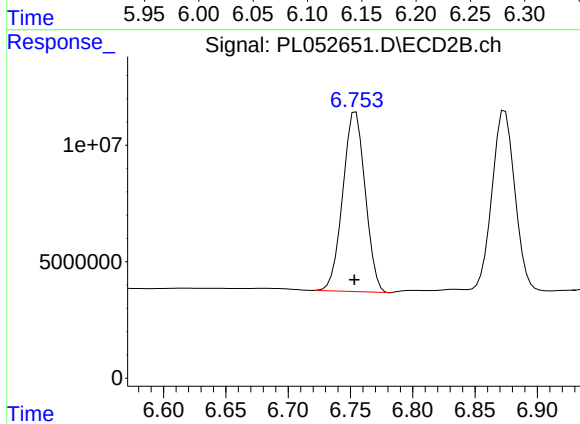
#13 Dieldrin

R.T.: 6.537 min  
Delta R.T.: 0.000 min  
Response: 128409043  
Conc: 52.58 ng/ml



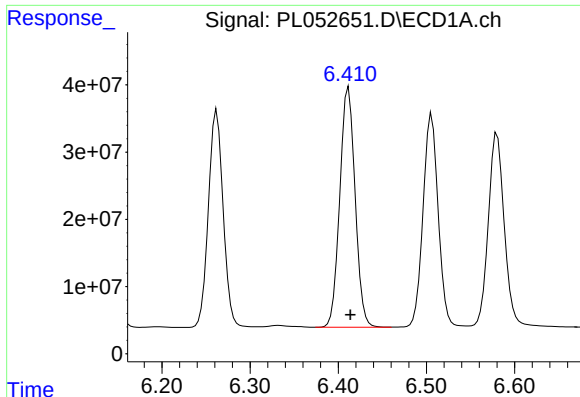
#14 Endrin

R.T.: 6.139 min  
Delta R.T.: -0.002 min  
Response: 413250183  
Conc: 49.98 ng/ml



#14 Endrin

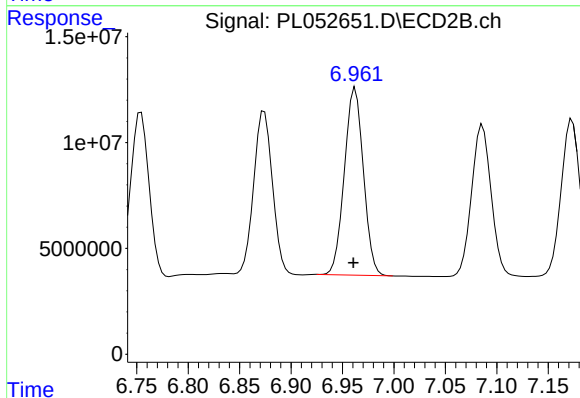
R.T.: 6.754 min  
Delta R.T.: 0.000 min  
Response: 96856648  
Conc: 50.04 ng/ml



#15 Endosulfan II

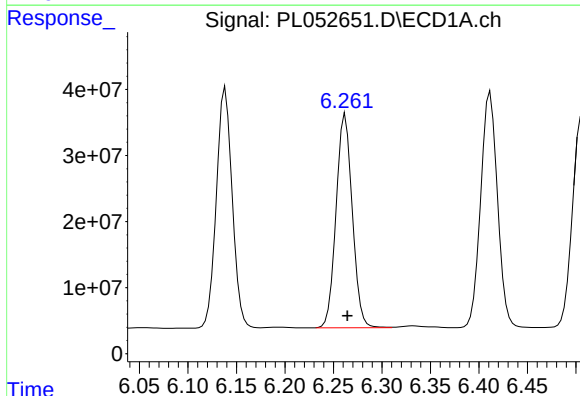
R.T.: 6.412 min  
Delta R.T.: -0.002 min  
Response: 431272785  
Conc: 44.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



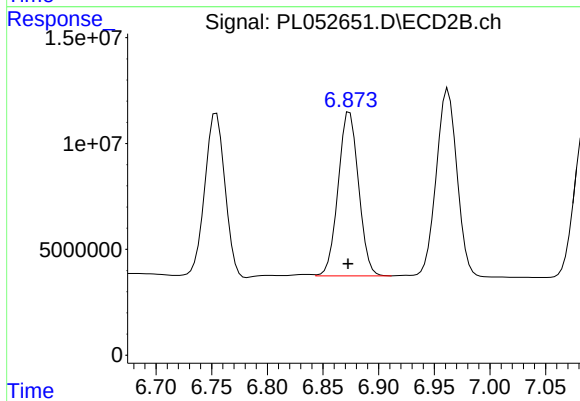
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: 0.002 min  
Response: 113925913  
Conc: 51.04 ng/ml



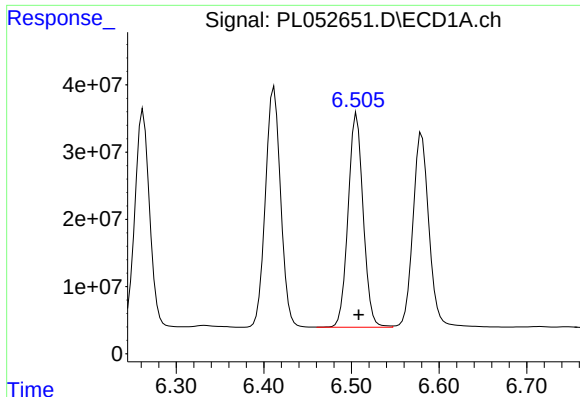
#16 4,4'-DDD

R.T.: 6.262 min  
Delta R.T.: -0.002 min  
Response: 375567438  
Conc: 49.04 ng/ml



#16 4,4'-DDD

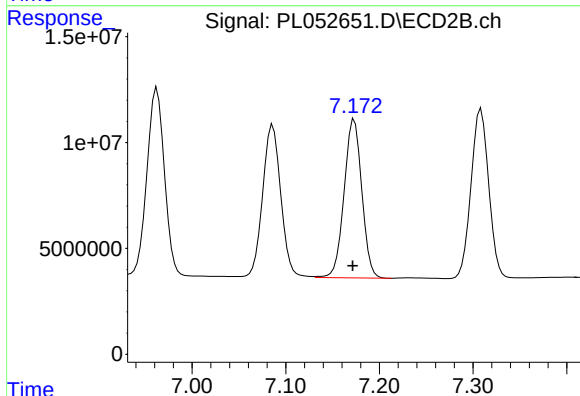
R.T.: 6.874 min  
Delta R.T.: 0.001 min  
Response: 98974330  
Conc: 53.74 ng/ml



#17 4,4'-DDT

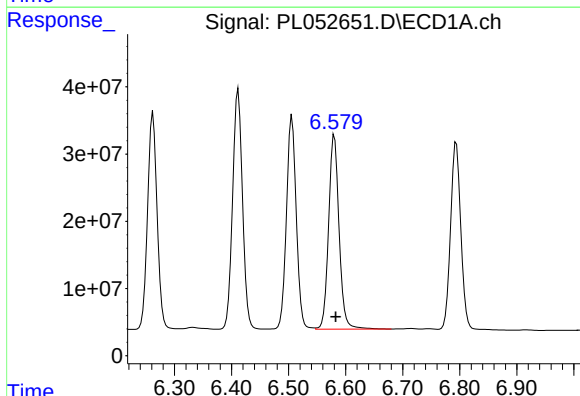
R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 380011412  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



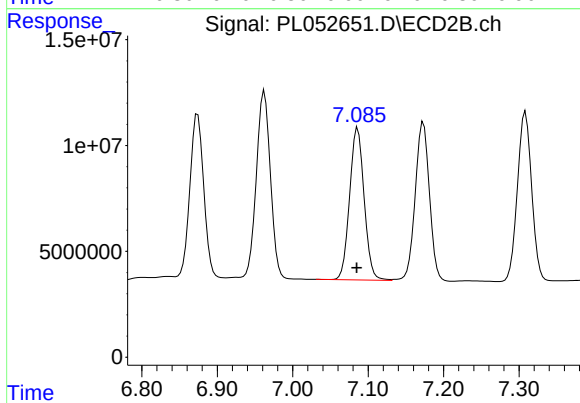
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: 0.002 min  
Response: 98534086  
Conc: 53.87 ng/ml



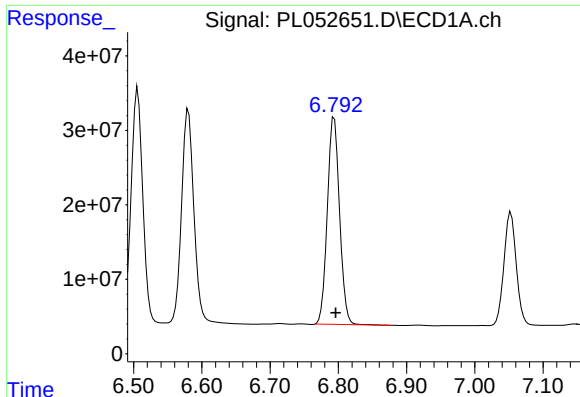
#18 Endrin aldehyde

R.T.: 6.580 min  
Delta R.T.: -0.003 min  
Response: 368184064  
Conc: 47.62 ng/ml



#18 Endrin aldehyde

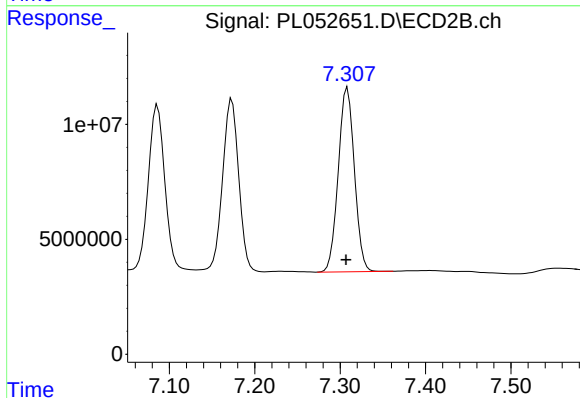
R.T.: 7.086 min  
Delta R.T.: 0.001 min  
Response: 96219808  
Conc: 51.87 ng/ml



#19 Endosulfan Sulfate

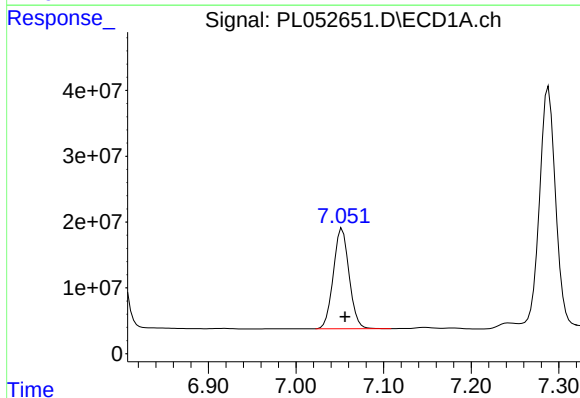
R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 346778835  
Conc: 41.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



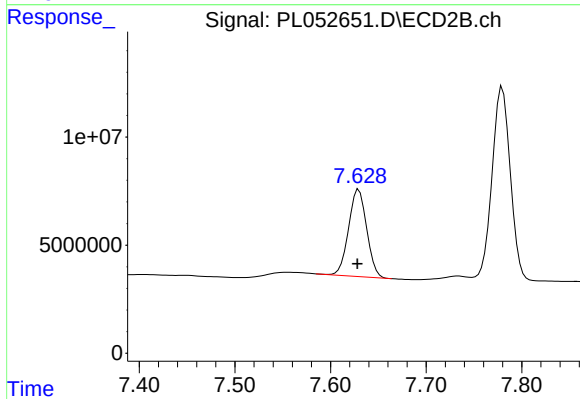
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: 0.002 min  
Response: 105168580  
Conc: 51.20 ng/ml



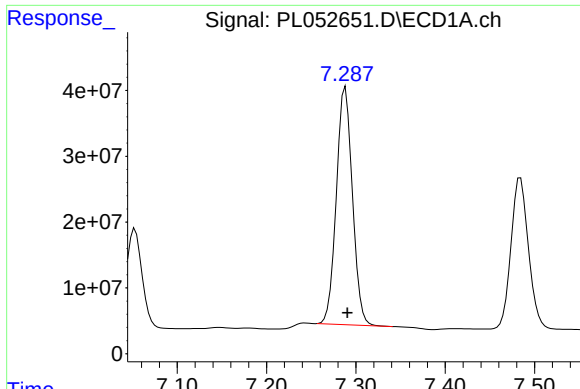
#20 Methoxychlor

R.T.: 7.053 min  
Delta R.T.: -0.003 min  
Response: 191046166  
Conc: 47.25 ng/ml



#20 Methoxychlor

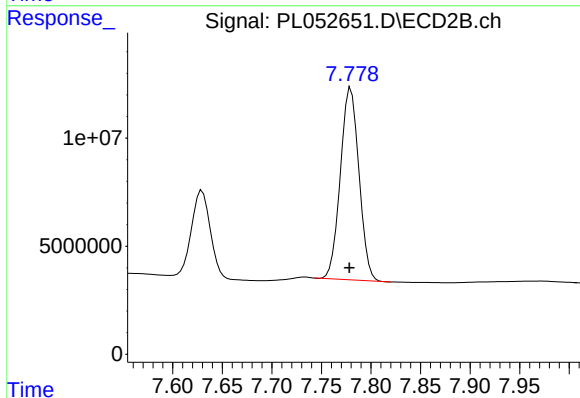
R.T.: 7.630 min  
Delta R.T.: 0.001 min  
Response: 53034561  
Conc: 52.34 ng/ml



#21 Endrin ketone

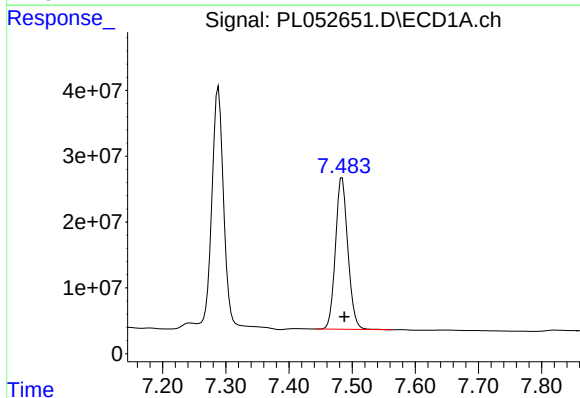
R.T.: 7.288 min  
Delta R.T.: -0.002 min  
Response: 450610454  
Conc: 43.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



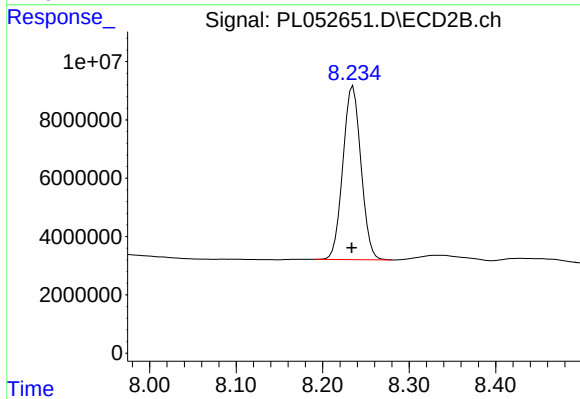
#21 Endrin ketone

R.T.: 7.780 min  
Delta R.T.: 0.002 min  
Response: 115950207  
Conc: 52.21 ng/ml



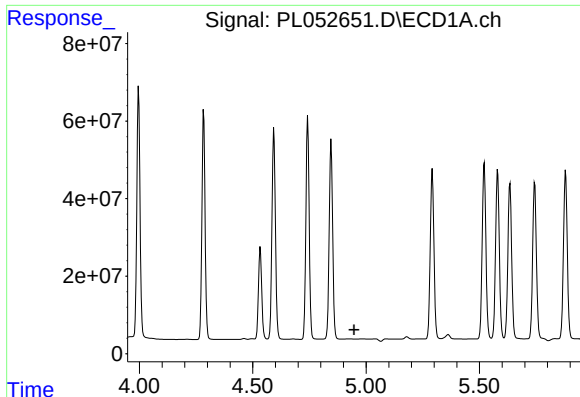
#22 Mirex

R.T.: 7.484 min  
Delta R.T.: -0.004 min  
Response: 315408646  
Conc: 41.24 ng/ml



#22 Mirex

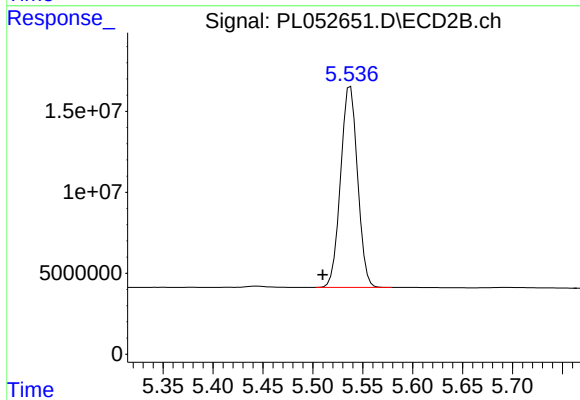
R.T.: 8.235 min  
Delta R.T.: 0.001 min  
Response: 85851878  
Conc: 50.16 ng/ml



#24 Chlordane-2

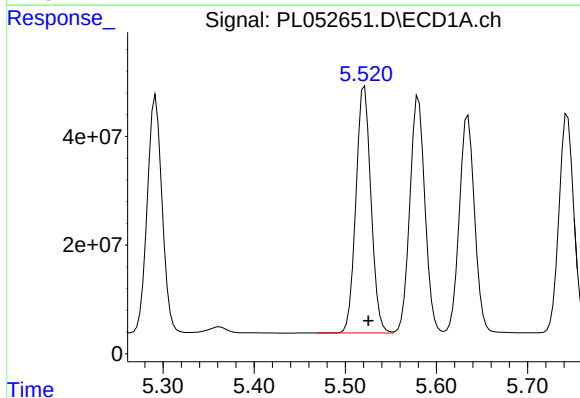
R.T.: 0.000 min  
Exp R.T.: 4.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



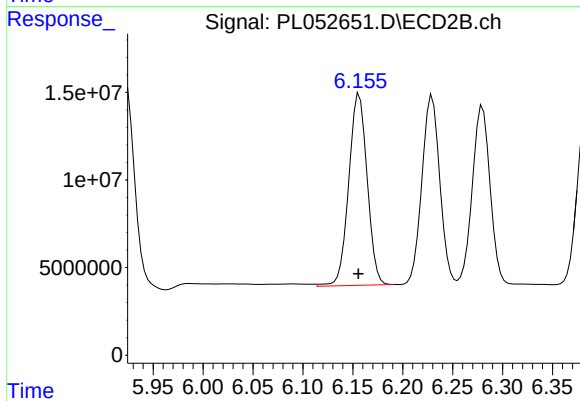
#24 Chlordane-2

R.T.: 5.538 min  
Delta R.T.: 0.028 min  
Response: 146680978  
Conc: 1788.56 ng/ml



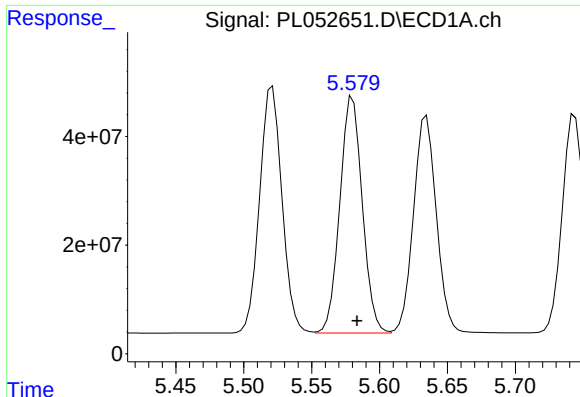
#25 Chlordane-3

R.T.: 5.521 min  
Delta R.T.: -0.004 min  
Response: 520309200  
Conc: 537.81 ng/ml



#25 Chlordane-3

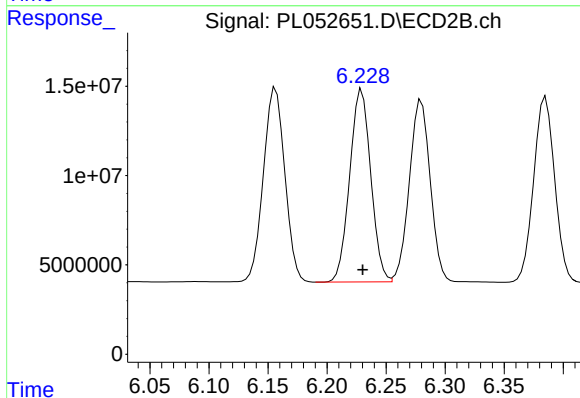
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 140087661  
Conc: 457.85 ng/ml



#26 Chlordane-4

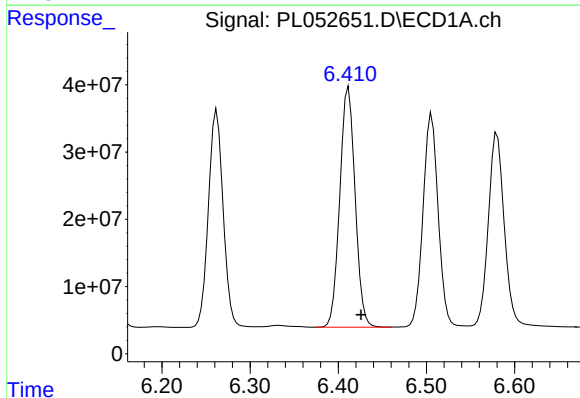
R.T.: 5.580 min  
Delta R.T.: -0.003 min  
Response: 501330255  
Conc: 637.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



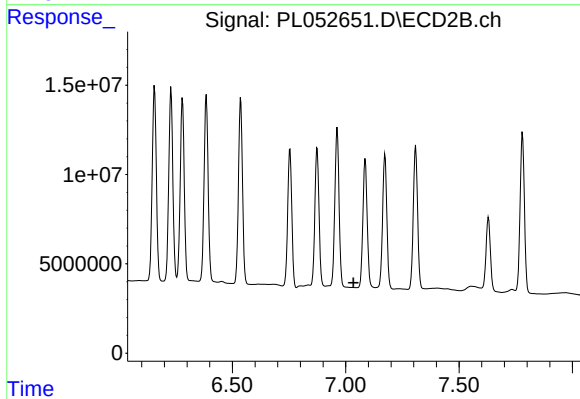
#26 Chlordane-4

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 133988403  
Conc: 348.37 ng/ml



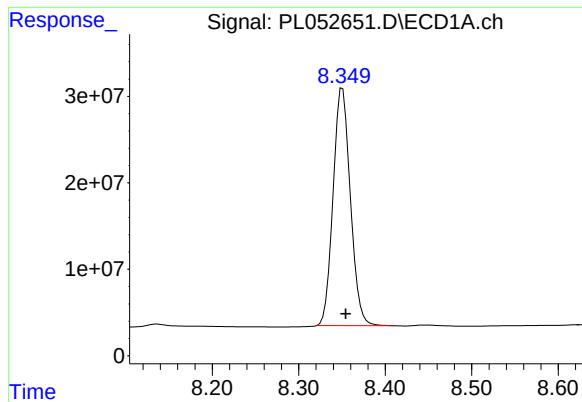
#27 Chlordane-5

R.T.: 6.412 min  
Delta R.T.: -0.014 min  
Response: 431272785  
Conc: 1400.51 ng/ml



#27 Chlordane-5

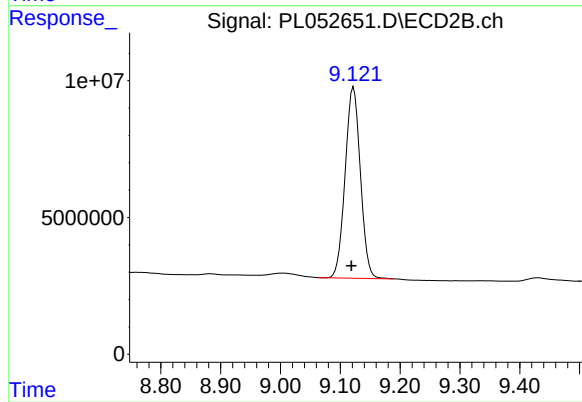
R.T.: 0.000 min  
Exp R.T.: 7.035 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.351 min  
Delta R.T.: -0.004 min  
Response: 379608323  
Conc: 43.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: 0.004 min  
Response: 123589944  
Conc: 51.61 ng/ml