

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072220\  
 Data File : PL060111.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2020 20:24  
 Operator : DD\AJ  
 Sample : PB130372BS  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB130372BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 02:54:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 2020  
 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... | 3.465 | 4.013  | 42790518 | 58995608 | 22.123   | 22.261     |
| 28)                         | SA Decachlor... | 8.225 | 9.101  | 34213562 | 44928265 | 20.797   | 21.482     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.903 | 4.402  | 159.7E6  | 220.5E6  | 55.566   | 57.124     |
| 3)                          | MA gamma-BHC... | 4.186 | 4.688  | 138.5E6  | 201.9E6  | 56.098   | 55.665     |
| 4)                          | MA Heptachlor   | 4.489 | 5.198  | 127.8E6  | 194.8E6  | 56.984   | 57.898     |
| 5)                          | MB Aldrin       | 4.737 | 5.504  | 110.7E6  | 176.2E6  | 56.083   | 56.570     |
| 6)                          | B beta-BHC      | 4.437 | 4.857  | 58941911 | 91022864 | 57.715   | 60.207     |
| 7)                          | B delta-BHC     | 4.641 | 5.075  | 128.1E6  | 182.2E6  | 57.604   | 58.485     |
| 8)                          | B Heptachlo...  | 5.180 | 5.891  | 102.5E6  | 155.5E6  | 55.868   | 57.753     |
| 9)                          | A Endosulfan I  | 5.519 | 6.249  | 95493964 | 152.3E6  | 56.764   | 57.100     |
| 10)                         | B gamma-Chl...  | 5.408 | 6.126  | 102.4E6  | 162.8E6  | 56.470   | 56.837     |
| 11)                         | B alpha-Chl...  | 5.466 | 6.199  | 99734064 | 161.4E6  | 55.306   | 56.450     |
| 12)                         | B 4,4'-DDE      | 5.631 | 6.356  | 94173695 | 153.5E6  | 56.549   | 57.361     |
| 13)                         | MA Dieldrin     | 5.762 | 6.506  | 100.6E6  | 159.1E6  | 57.034   | 57.518     |
| 14)                         | MA Endrin       | 6.019 | 6.725  | 88276115 | 132.9E6  | 60.647   | 62.447     |
| 15)                         | B Endosulfa...  | 6.292 | 6.934  | 86886727 | 133.4E6  | 52.024   | 53.129     |
| 16)                         | A 4,4'-DDD      | 6.146 | 6.847  | 78797617 | 129.1E6  | 51.618   | 56.229     |
| 17)                         | MA 4,4'-DDT     | 6.388 | 7.147  | 76662226 | 120.4E6  | 58.963   | 61.144     |
| 18)                         | B Endrin al...  | 6.460 | 7.058  | 76015607 | 118.4E6  | 53.285   | 54.519     |
| 19)                         | B Endosulfa...  | 6.673 | 7.282  | 91290411 | 135.6E6  | 55.536   | 57.966     |
| 20)                         | A Methoxychlor  | 6.934 | 7.607  | 44791810 | 66786078 | 59.883   | 58.830     |
| 21)                         | B Endrin ke...  | 7.163 | 7.754  | 101.5E6  | 141.5E6  | 54.068   | 54.787     |
| 22)                         | Mirex           | 7.354 | 8.210  | 71872239 | 94668188 | 50.519   | 51.221     |
| 24)                         | Chlordane-2     | 0.000 | 5.504f | 0        | 176.2E6  | N.D.     | 1537.866 # |
| 25)                         | Chlordane-3     | 5.408 | 6.126  | 102.4E6  | 162.8E6  | 605.769  | 420.649 #  |
| 26)                         | Chlordane-4     | 5.466 | 6.199  | 99734064 | 161.4E6  | 714.839  | 348.685 #  |
| 27)                         | Chlordane-5     | 6.292 | 0.000  | 86886727 | 0        | 1531.301 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

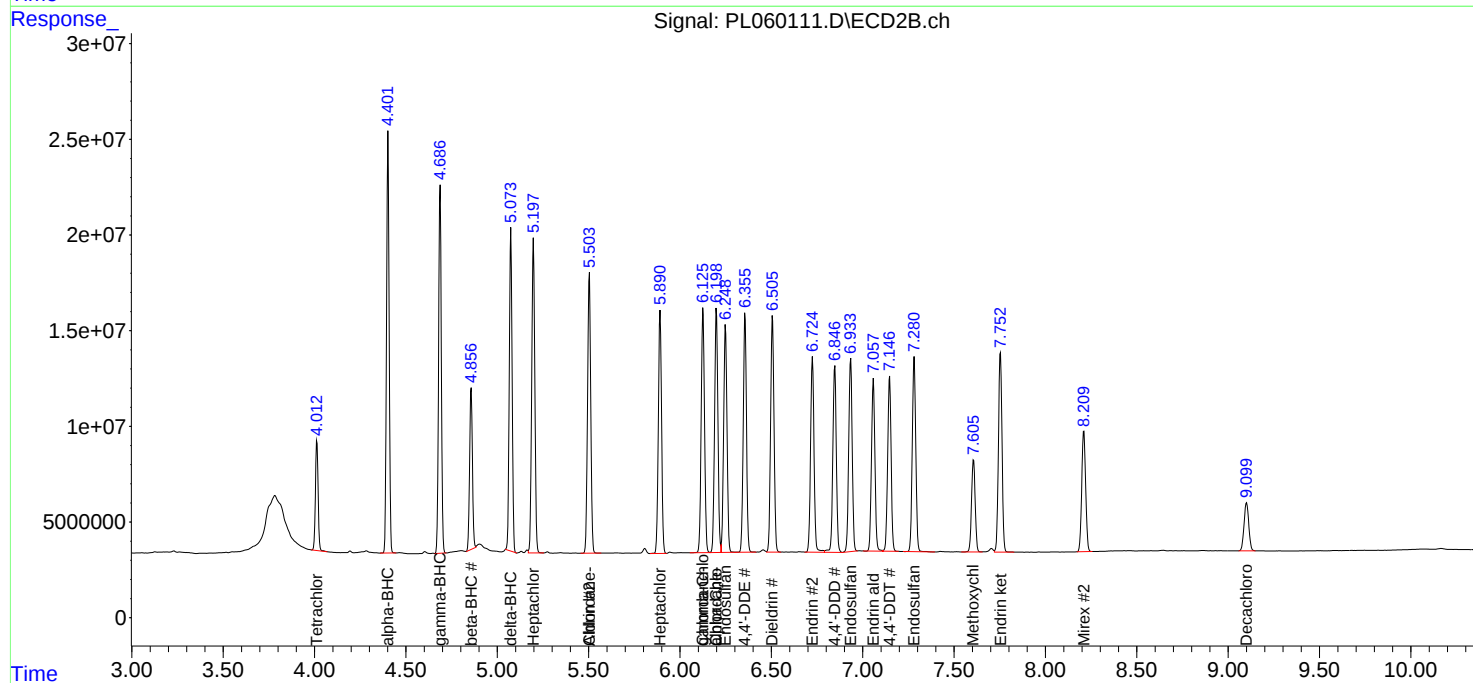
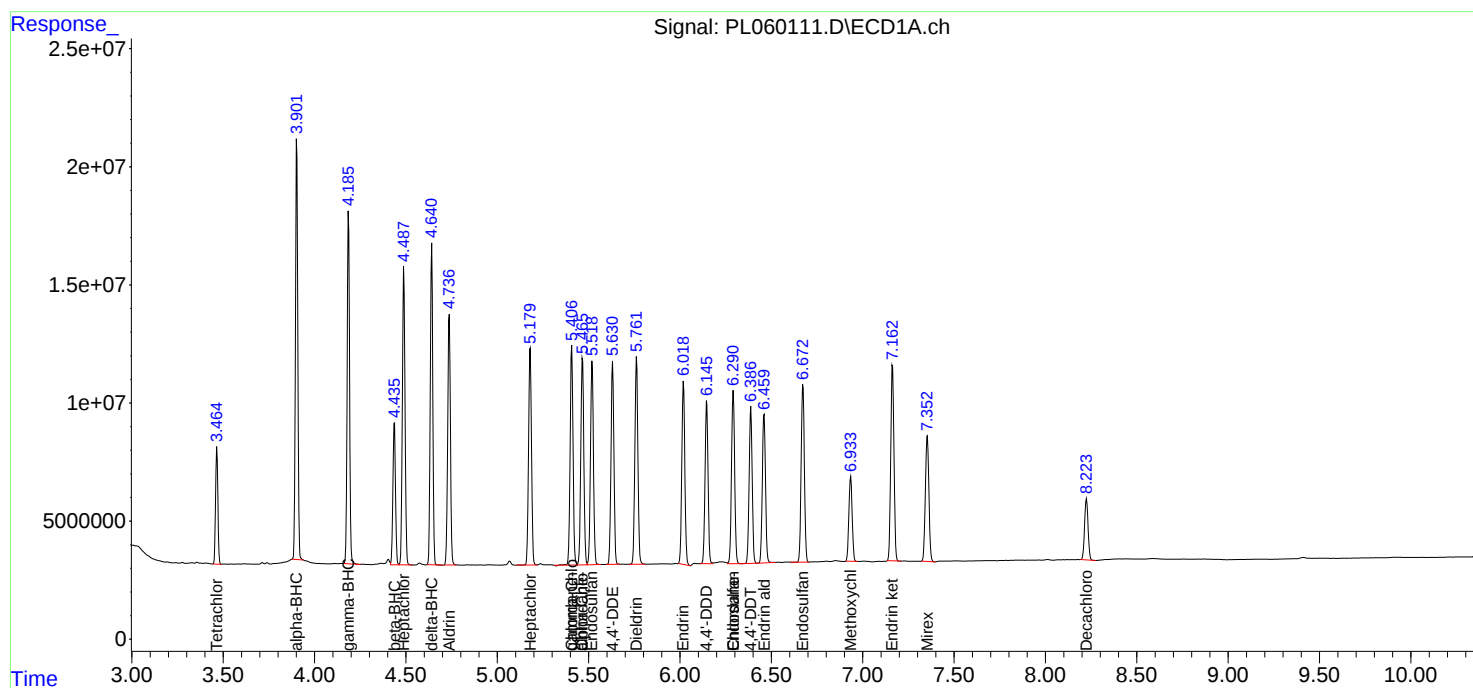
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

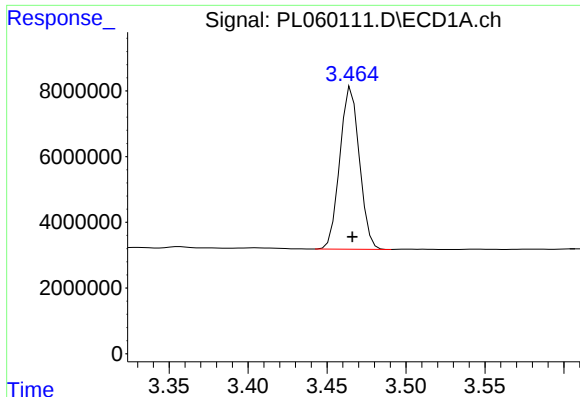
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072220\  
Data File : PL060111.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2020 20:24  
Operator : DD\AJ  
Sample : PB130372BS  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB130372BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 02:54:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 2020  
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

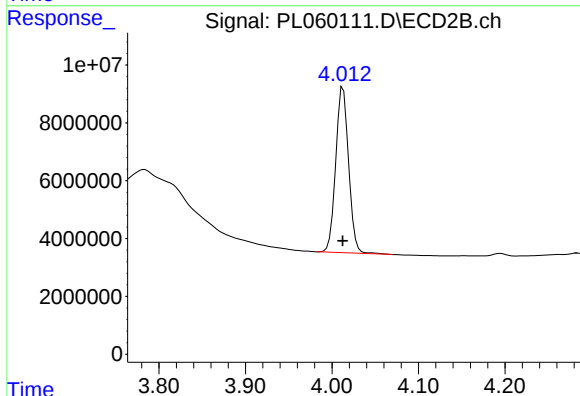




#1 Tetrachloro-m-xylene

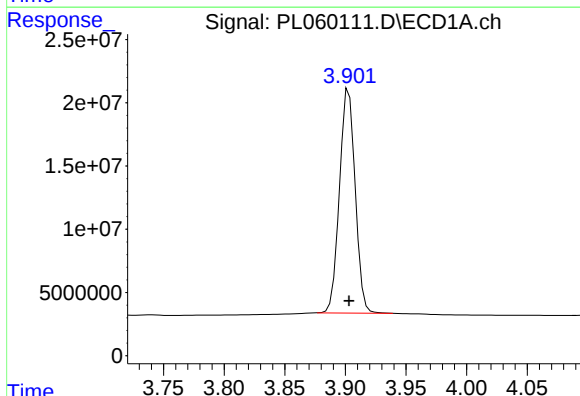
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 42790518  
Conc: 22.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



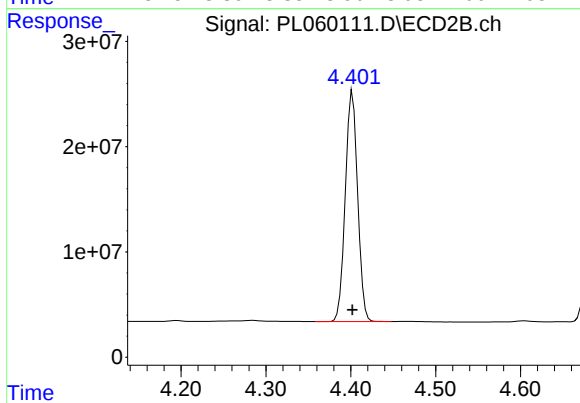
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 58995608  
Conc: 22.26 ng/ml



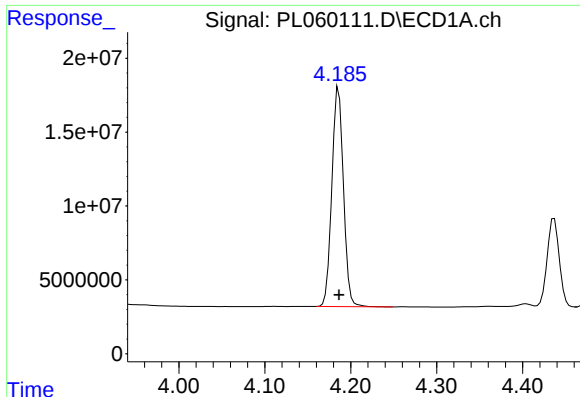
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 159714169  
Conc: 55.57 ng/ml



#2 alpha-BHC

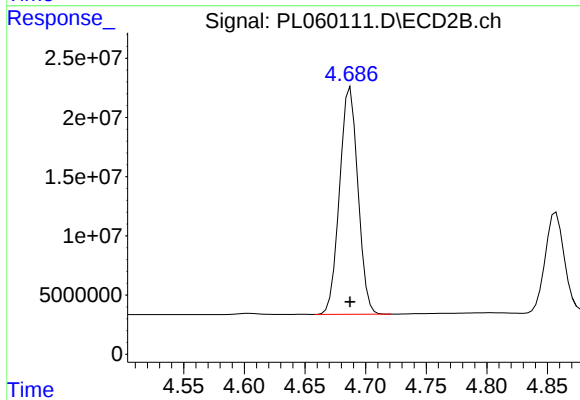
R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 220530733  
Conc: 57.12 ng/ml



#3 gamma-BHC (Lindane)

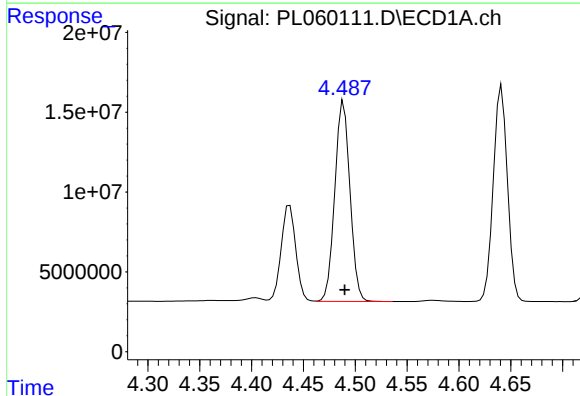
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 138541297  
Conc: 56.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



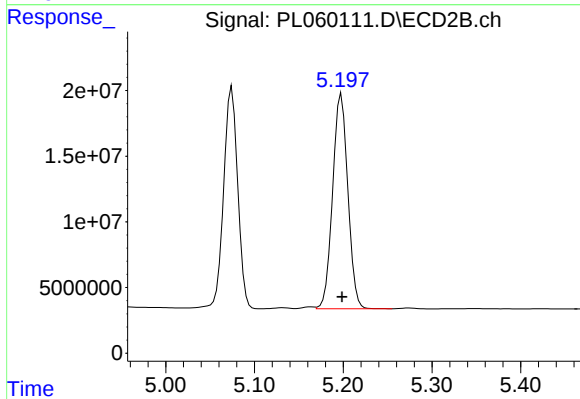
#3 gamma-BHC (Lindane)

R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 201893703  
Conc: 55.67 ng/ml



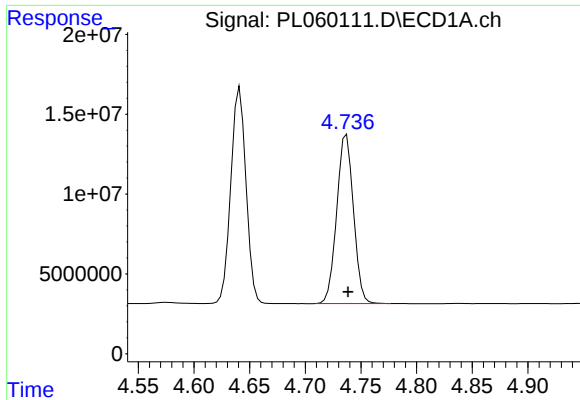
#4 Heptachlor

R.T.: 4.489 min  
Delta R.T.: 0.000 min  
Response: 127798792  
Conc: 56.98 ng/ml



#4 Heptachlor

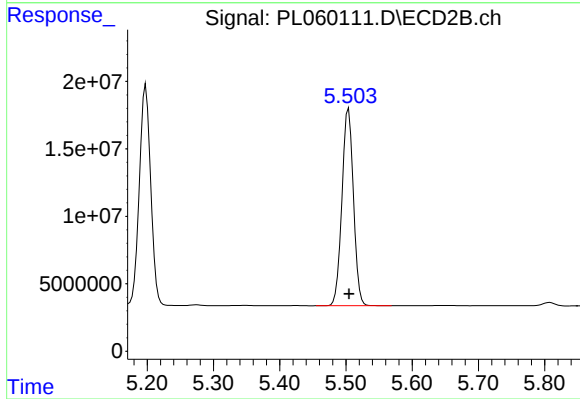
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 194774767  
Conc: 57.90 ng/ml



#5 Aldrin

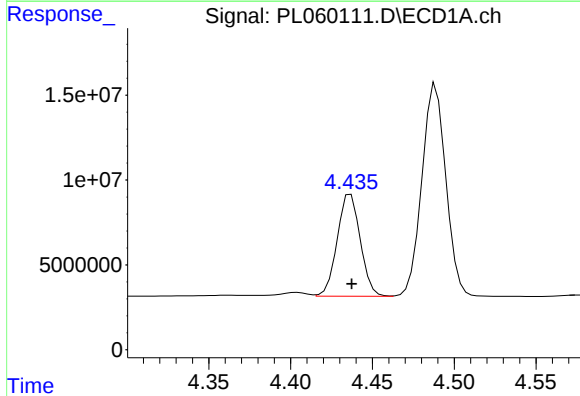
R.T.: 4.737 min  
Delta R.T.: -0.001 min  
Response: 110665173  
Conc: 56.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



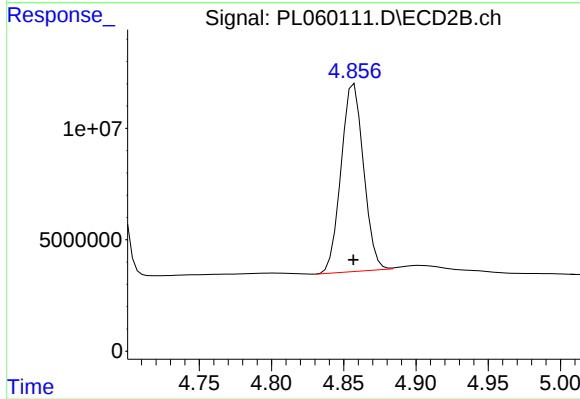
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 176201243  
Conc: 56.57 ng/ml



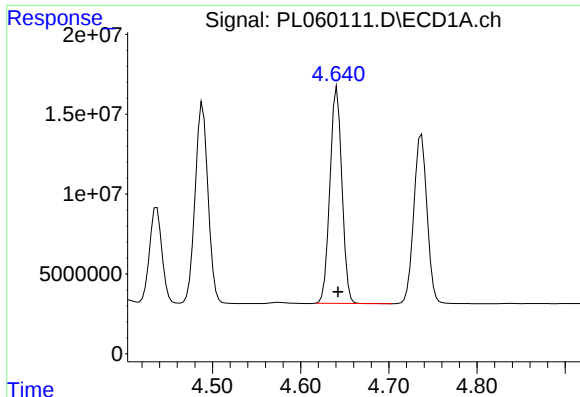
#6 beta-BHC

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 58941911  
Conc: 57.72 ng/ml



#6 beta-BHC

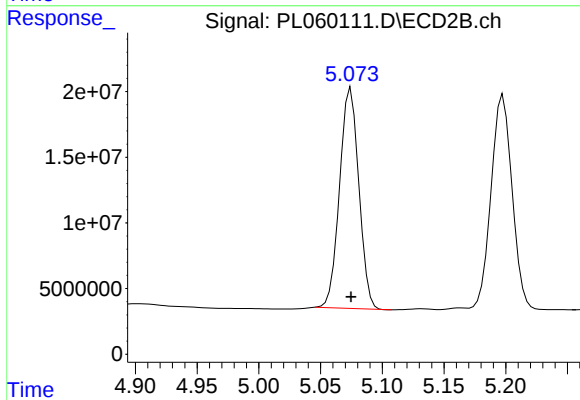
R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 91022864  
Conc: 60.21 ng/ml



#7 delta-BHC

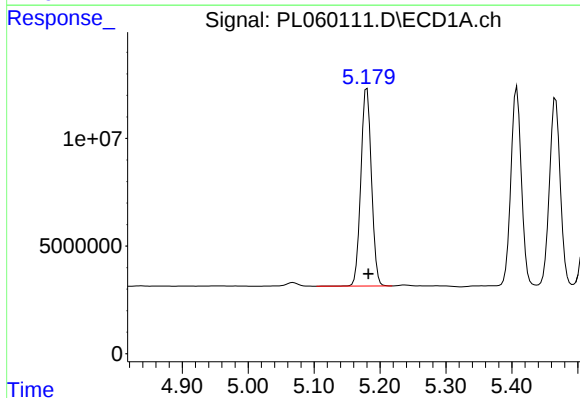
R.T.: 4.641 min  
Delta R.T.: 0.000 min  
Response: 128056920  
Conc: 57.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



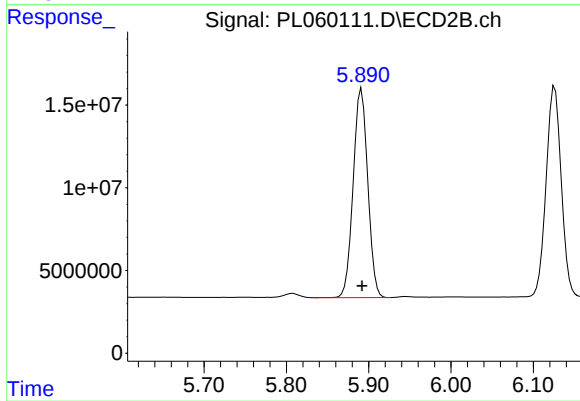
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 182220020  
Conc: 58.48 ng/ml



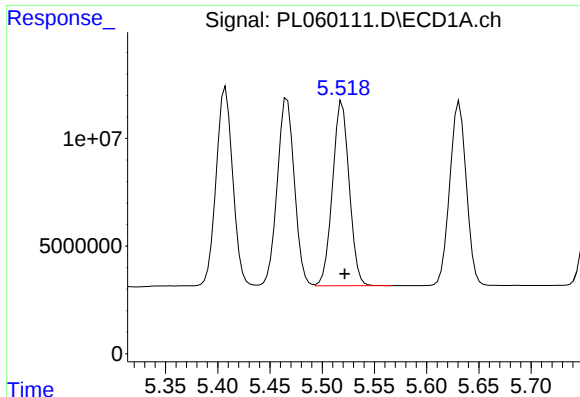
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.002 min  
Response: 102546196  
Conc: 55.87 ng/ml



#8 Heptachlor epoxide

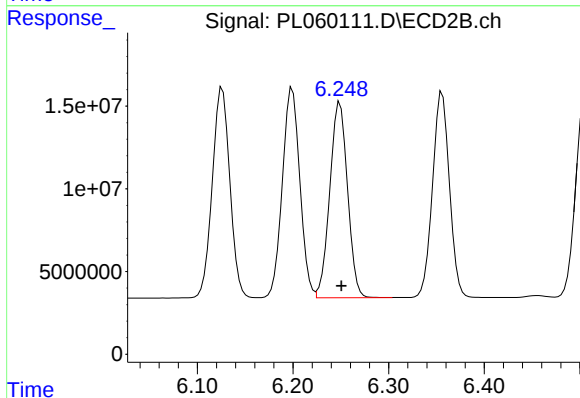
R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 155542188  
Conc: 57.75 ng/ml



#9 Endosulfan I

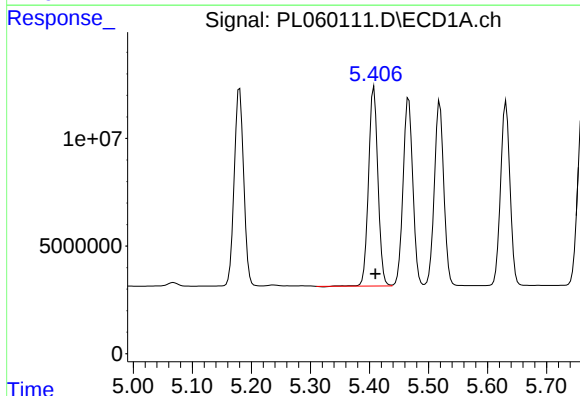
R.T.: 5.519 min  
Delta R.T.: -0.002 min  
Response: 95493964  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



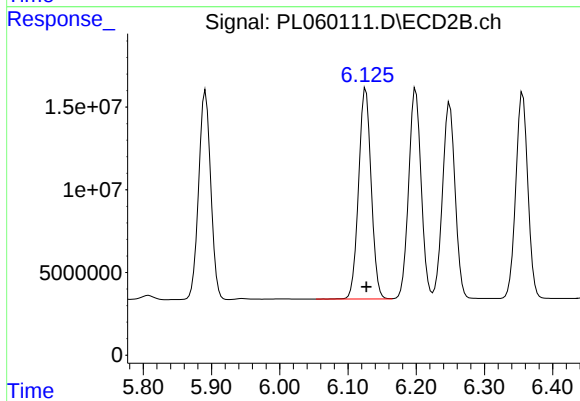
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: -0.001 min  
Response: 152303287  
Conc: 57.10 ng/ml



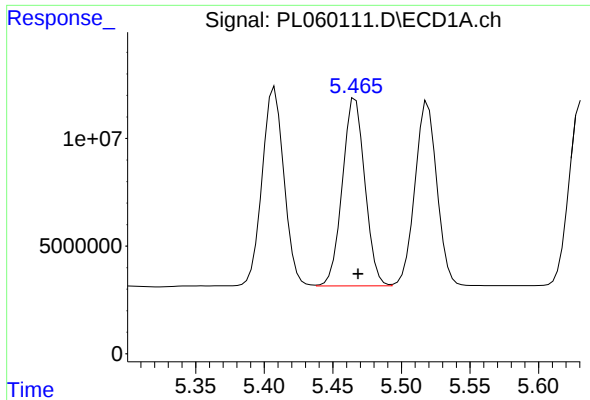
#10 gamma-Chlordane

R.T.: 5.408 min  
Delta R.T.: -0.002 min  
Response: 102444952  
Conc: 56.47 ng/ml



#10 gamma-Chlordane

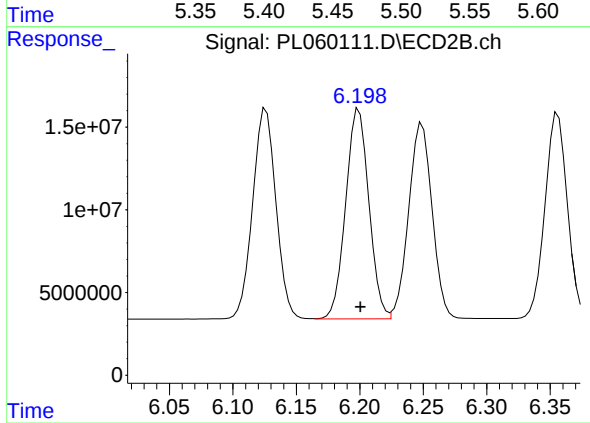
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 162756575  
Conc: 56.84 ng/ml



#11 alpha-Chlordane

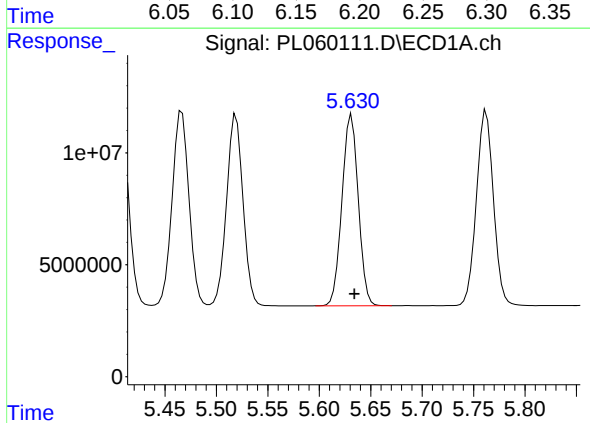
R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 99734064  
Conc: 55.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



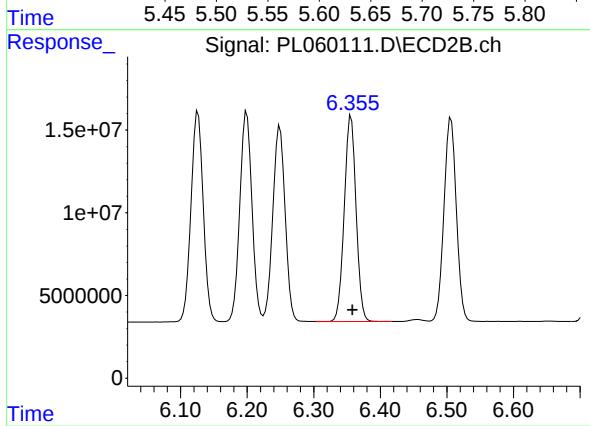
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: -0.001 min  
Response: 161406224  
Conc: 56.45 ng/ml



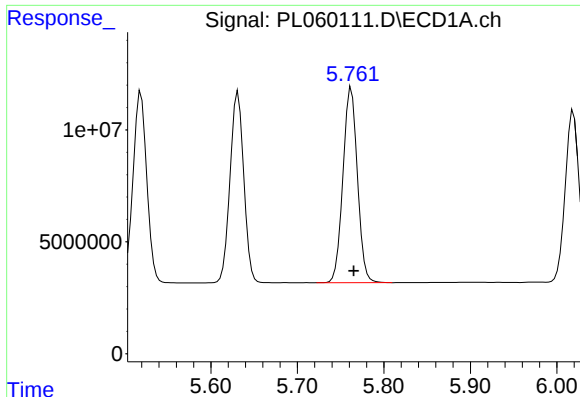
#12 4,4'-DDE

R.T.: 5.631 min  
Delta R.T.: -0.003 min  
Response: 94173695  
Conc: 56.55 ng/ml



#12 4,4'-DDE

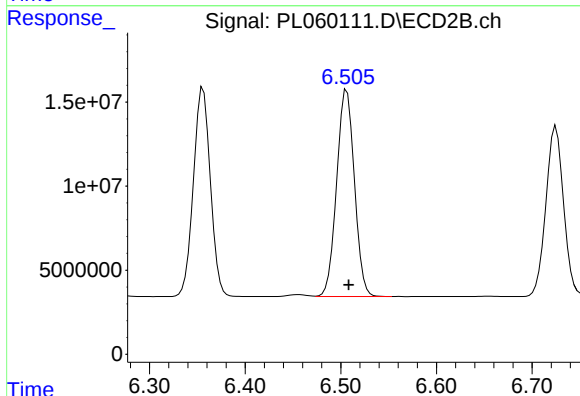
R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 153537573  
Conc: 57.36 ng/ml



#13 Dieldrin

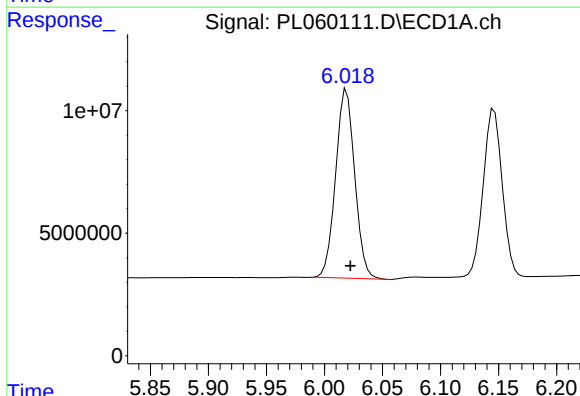
R.T.: 5.762 min  
Delta R.T.: -0.003 min  
Response: 100638387  
Conc: 57.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



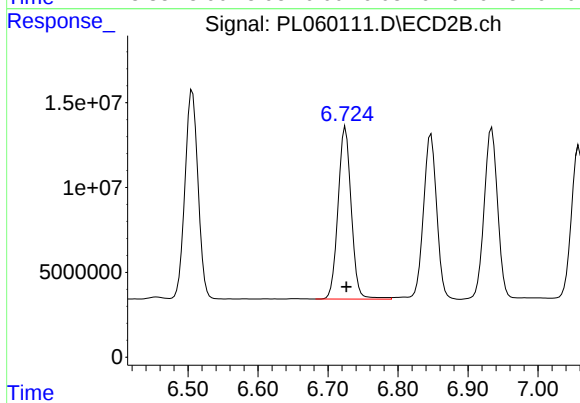
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 159108164  
Conc: 57.52 ng/ml



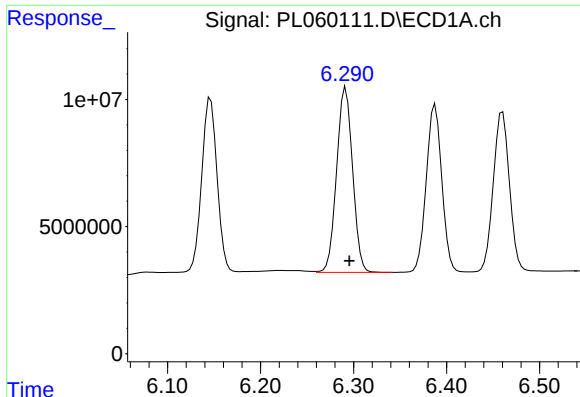
#14 Endrin

R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 88276115  
Conc: 60.65 ng/ml



#14 Endrin

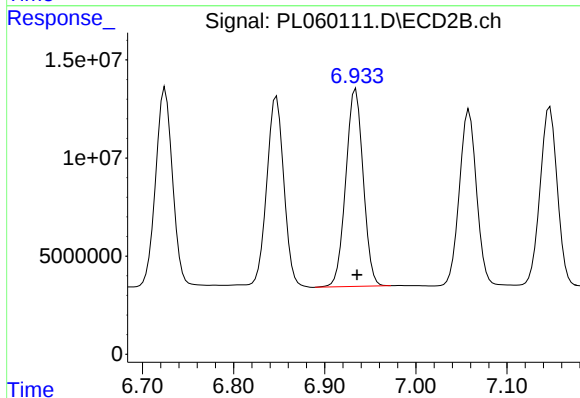
R.T.: 6.725 min  
Delta R.T.: -0.002 min  
Response: 132893096  
Conc: 62.45 ng/ml



#15 Endosulfan II

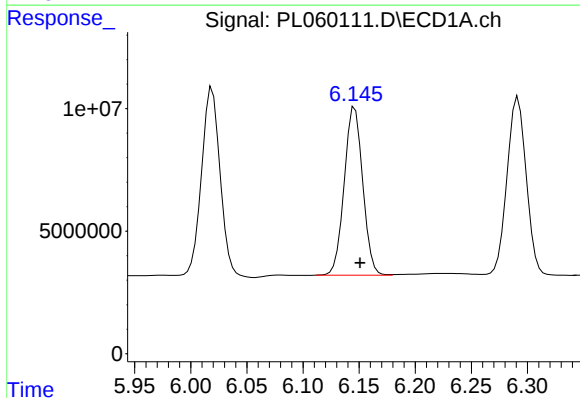
R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 86886727  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



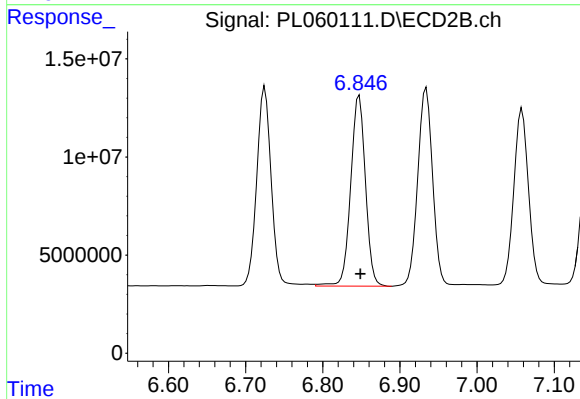
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 133440507  
Conc: 53.13 ng/ml



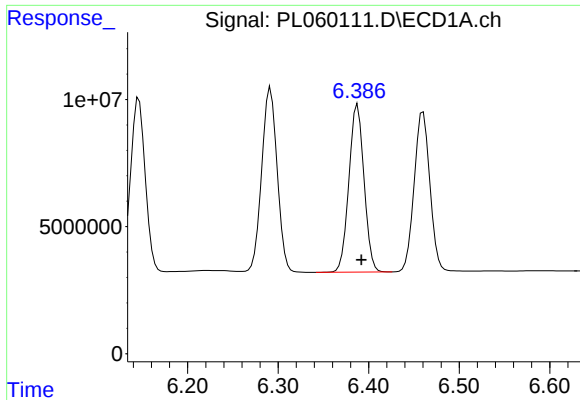
#16 4,4'-DDD

R.T.: 6.146 min  
Delta R.T.: -0.004 min  
Response: 78797617  
Conc: 51.62 ng/ml



#16 4,4'-DDD

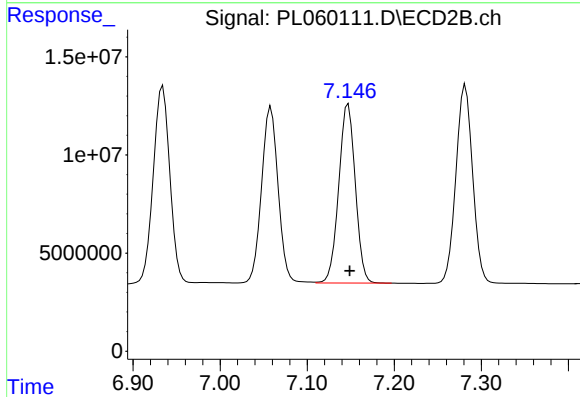
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 129072739  
Conc: 56.23 ng/ml



#17 4,4'-DDT

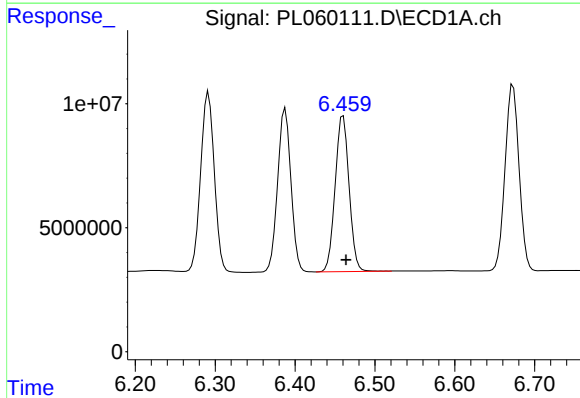
R.T.: 6.388 min  
Delta R.T.: -0.004 min  
Response: 76662226  
Conc: 58.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



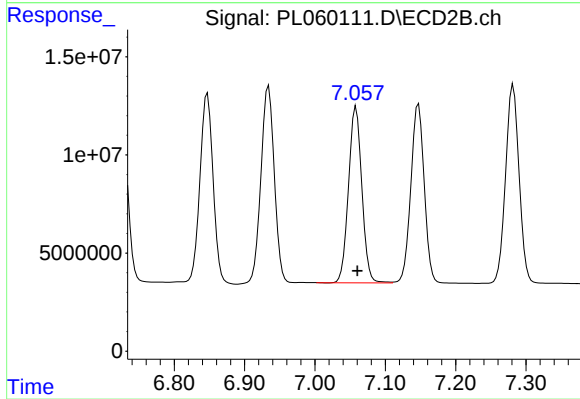
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 120396498  
Conc: 61.14 ng/ml



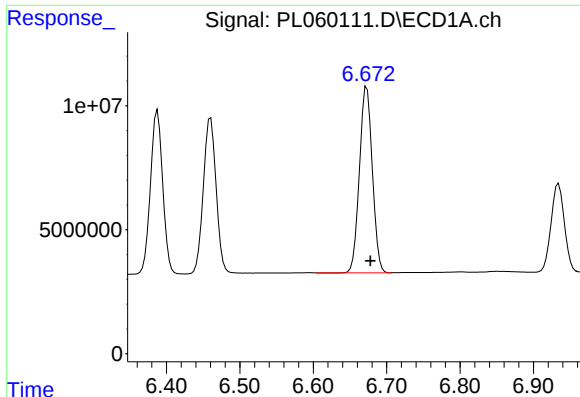
#18 Endrin aldehyde

R.T.: 6.460 min  
Delta R.T.: -0.004 min  
Response: 76015607  
Conc: 53.29 ng/ml



#18 Endrin aldehyde

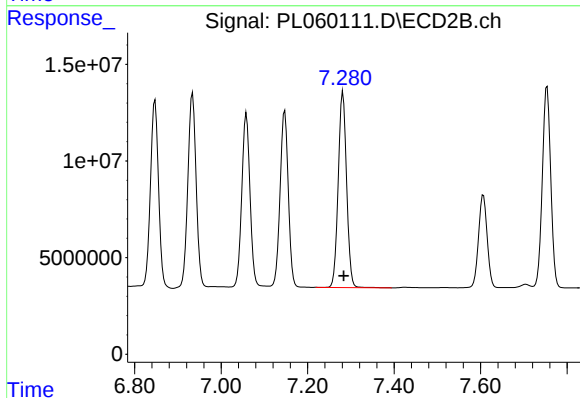
R.T.: 7.058 min  
Delta R.T.: -0.002 min  
Response: 118406607  
Conc: 54.52 ng/ml



#19 Endosulfan Sulfate

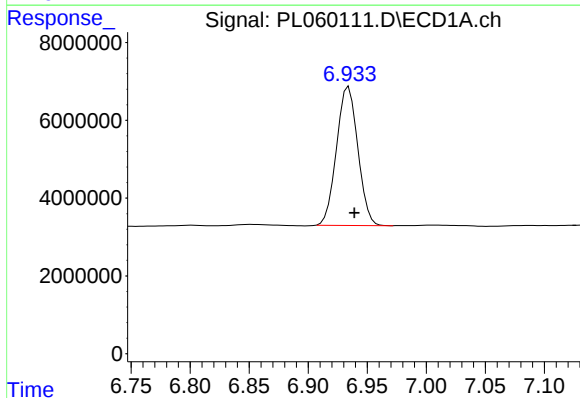
R.T.: 6.673 min  
Delta R.T.: -0.005 min  
Response: 91290411  
Conc: 55.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



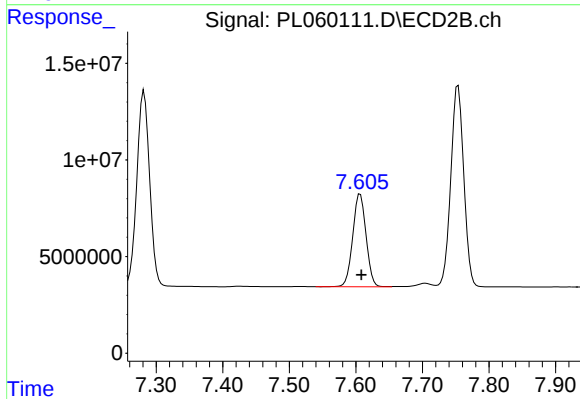
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: -0.002 min  
Response: 135578389  
Conc: 57.97 ng/ml



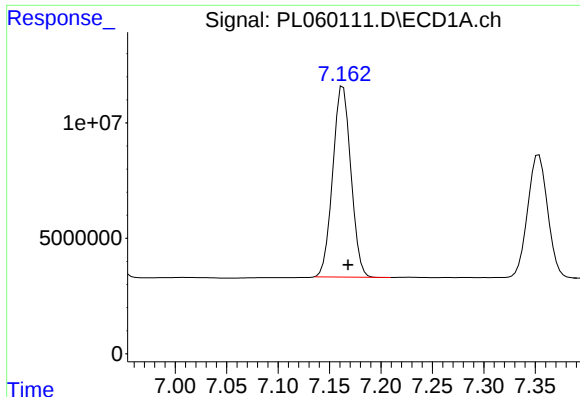
#20 Methoxychlor

R.T.: 6.934 min  
Delta R.T.: -0.005 min  
Response: 44791810  
Conc: 59.88 ng/ml



#20 Methoxychlor

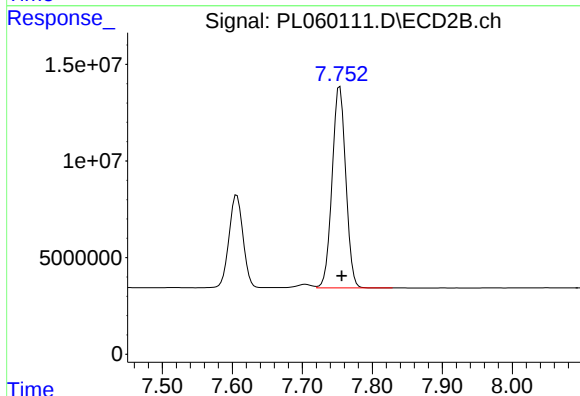
R.T.: 7.607 min  
Delta R.T.: -0.002 min  
Response: 66786078  
Conc: 58.83 ng/ml



#21 Endrin ketone

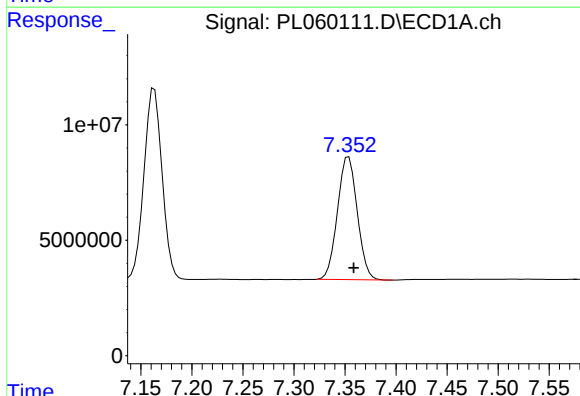
R.T.: 7.163 min  
Delta R.T.: -0.005 min  
Response: 101471715  
Conc: 54.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



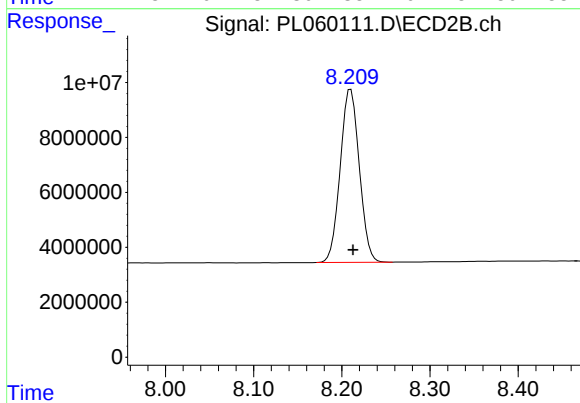
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: -0.003 min  
Response: 141498291  
Conc: 54.79 ng/ml



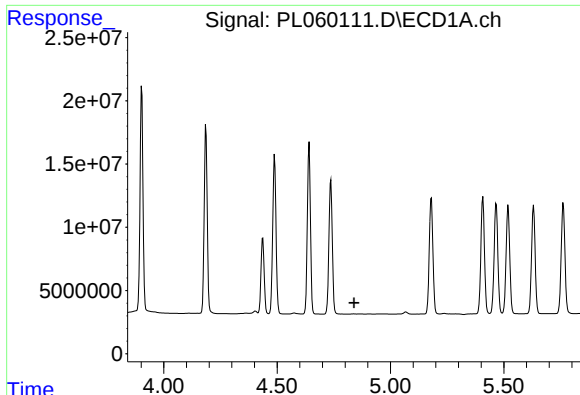
#22 Mirex

R.T.: 7.354 min  
Delta R.T.: -0.005 min  
Response: 71872239  
Conc: 50.52 ng/ml



#22 Mirex

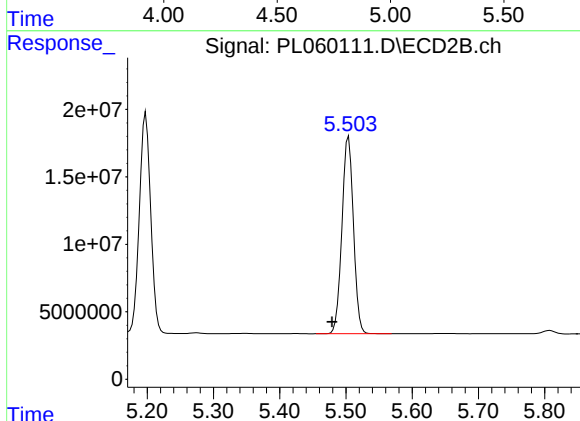
R.T.: 8.210 min  
Delta R.T.: -0.003 min  
Response: 94668188  
Conc: 51.22 ng/ml



#24 Chlordane-2

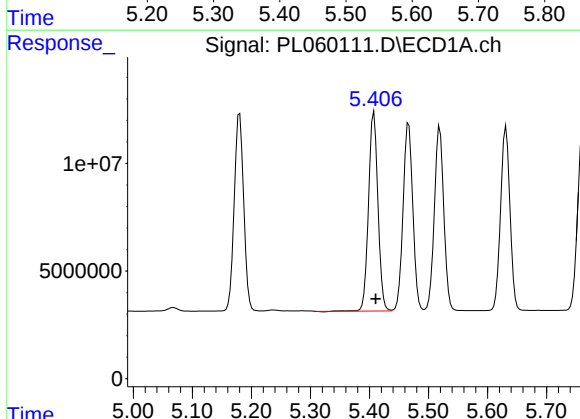
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



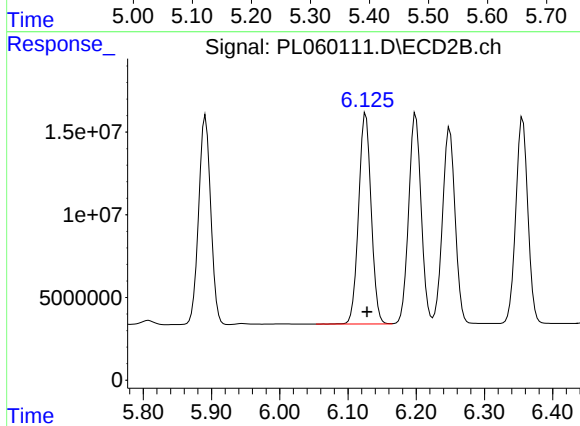
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.025 min  
Response: 176201243  
Conc: 1537.87 ng/ml



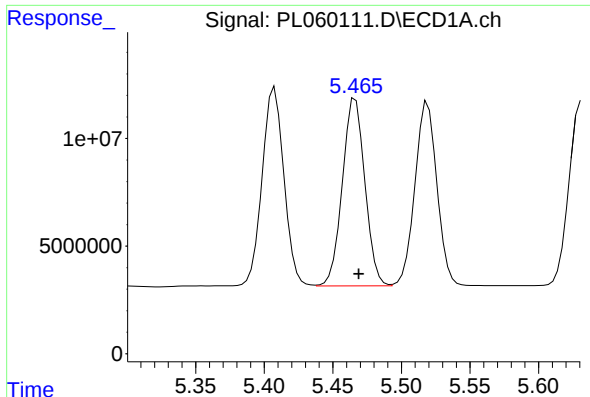
#25 Chlordane-3

R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 102444952  
Conc: 605.77 ng/ml



#25 Chlordane-3

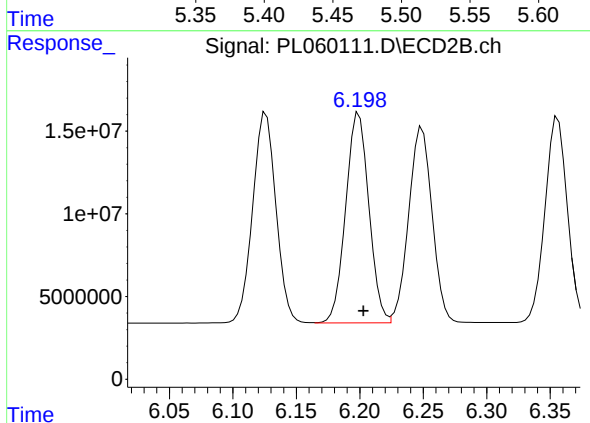
R.T.: 6.126 min  
Delta R.T.: -0.002 min  
Response: 162756575  
Conc: 420.65 ng/ml



#26 Chlordane-4

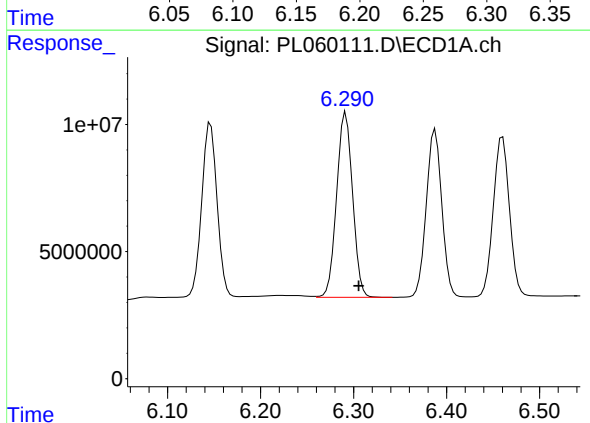
R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 99734064  
Conc: 714.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



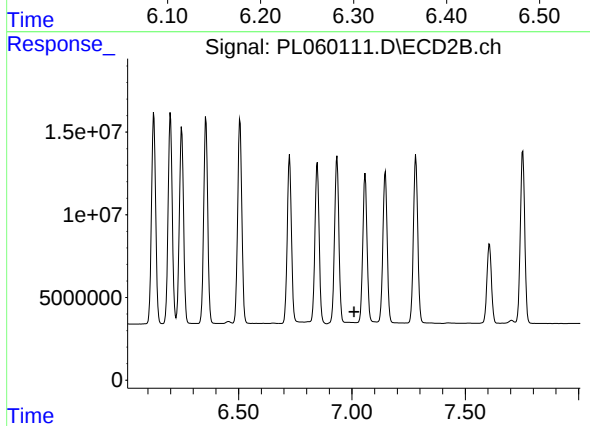
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: -0.004 min  
Response: 161406224  
Conc: 348.69 ng/ml



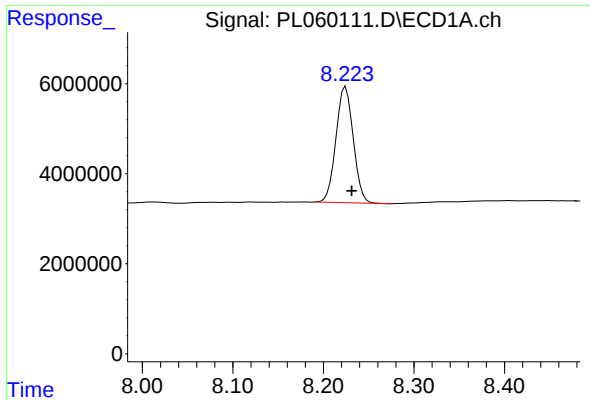
#27 Chlordane-5

R.T.: 6.292 min  
Delta R.T.: -0.014 min  
Response: 86886727  
Conc: 1531.30 ng/ml



#27 Chlordane-5

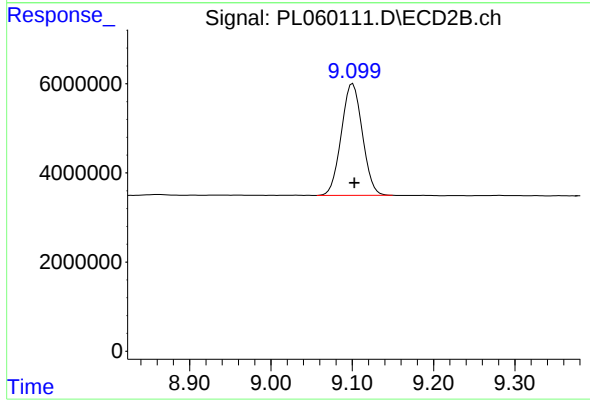
R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.225 min  
Delta R.T.: -0.007 min  
Response: 34213562  
Conc: 20.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130372BS



#28 Decachlorobiphenyl

R.T.: 9.101 min  
Delta R.T.: -0.002 min  
Response: 44928265  
Conc: 21.48 ng/ml