

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072320\  
 Data File : PL060128.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2020 12:35  
 Operator : DD\AJ  
 Sample : L3378-14MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 DRUM-COMPMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 01:57:26 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... | 3.466 | 4.012  | 44255325 | 60567845 | 22.880   | 22.854     |
| 28)                         | SA Decachlor... | 8.224 | 9.100  | 28472276 | 35990742 | 17.307   | 17.209     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.903 | 4.402  | 169.3E6  | 234.0E6  | 58.887   | 60.602     |
| 3)                          | MA gamma-BHC... | 4.186 | 4.687  | 145.2E6  | 212.8E6  | 58.815   | 58.674     |
| 4)                          | MA Heptachlor   | 4.488 | 5.198  | 132.4E6  | 199.3E6  | 59.029   | 59.236     |
| 5)                          | MB Aldrin       | 4.737 | 5.504  | 114.5E6  | 182.3E6  | 58.003   | 58.524     |
| 6)                          | B beta-BHC      | 4.437 | 4.857  | 61922204 | 95234325 | 60.633   | 62.992     |
| 7)                          | B delta-BHC     | 4.641 | 5.075  | 132.9E6  | 178.2E6  | 59.797   | 57.204     |
| 8)                          | B Heptachlo...  | 5.180 | 5.891  | 105.3E6  | 157.1E6  | 57.393   | 58.320     |
| 9)                          | A Endosulfan I  | 5.519 | 6.249  | 95531904 | 155.0E6  | 56.787   | 58.094     |
| 10)                         | B gamma-Chl...  | 5.408 | 6.126  | 106.9E6  | 165.1E6  | 58.915   | 57.653     |
| 11)                         | B alpha-Chl...  | 5.466 | 6.199  | 102.7E6  | 165.7E6  | 56.935   | 57.950     |
| 12)                         | B 4,4'-DDE      | 5.631 | 6.356  | 95369722 | 155.0E6  | 57.267   | 57.913     |
| 13)                         | MA Dieldrin     | 5.762 | 6.507  | 102.3E6  | 160.9E6  | 57.970   | 58.155     |
| 14)                         | MA Endrin       | 6.018 | 6.724  | 89653946 | 131.9E6  | 61.594   | 61.959     |
| 15)                         | B Endosulfa...  | 6.292 | 6.933  | 86766140 | 133.6E6  | 51.951   | 53.209     |
| 16)                         | A 4,4'-DDD      | 6.146 | 6.847  | 79531687 | 129.8E6  | 52.099   | 56.529     |
| 17)                         | MA 4,4'-DDT     | 6.387 | 7.147  | 77658688 | 116.3E6  | 59.729   | 59.079     |
| 18)                         | B Endrin al...  | 6.459 | 7.058  | 75235192 | 112.7E6  | 52.738   | 51.896     |
| 19)                         | B Endosulfa...  | 6.673 | 7.282  | 91437488 | 136.4E6  | 55.626   | 58.331     |
| 20)                         | A Methoxychlor  | 6.934 | 7.607  | 43555459 | 84718431 | 58.231   | 74.626 #   |
| 21)                         | B Endrin ke...  | 7.163 | 7.754  | 101.6E6  | 139.4E6  | 54.149   | 53.960     |
| 22)                         | Mirex           | 7.353 | 8.210  | 72798797 | 90667275 | 51.170   | 49.057     |
| 24)                         | Chlordane-2     | 0.000 | 5.504f | 0        | 182.3E6  | N.D.     | 1590.971 # |
| 25)                         | Chlordane-3     | 5.408 | 6.126  | 106.9E6  | 165.1E6  | 632.002  | 426.689 #  |
| 26)                         | Chlordane-4     | 5.466 | 6.199  | 102.7E6  | 165.7E6  | 735.891  | 357.951 #  |
| 27)                         | Chlordane-5     | 6.292 | 6.981f | 86766140 | 1503641  | 1529.176 | 19.361 #   |
| -----                       |                 |       |        |          |          |          |            |

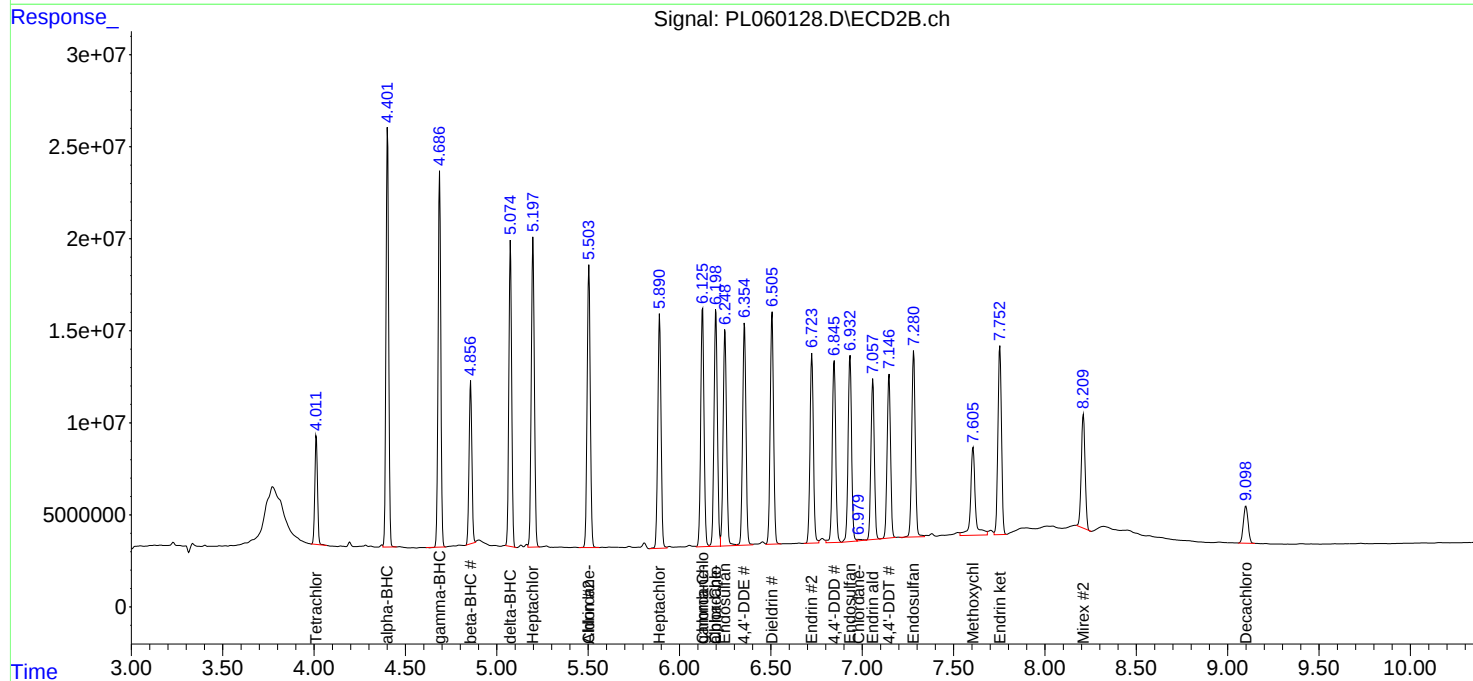
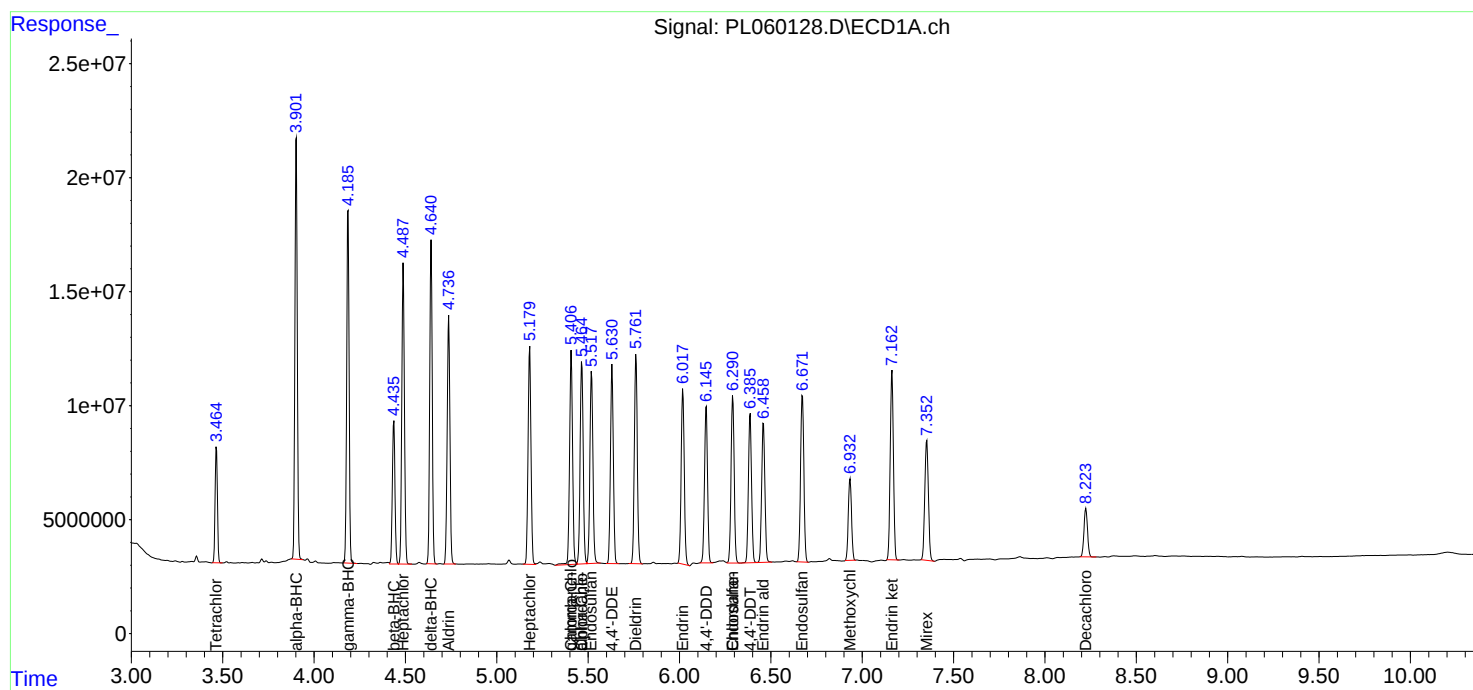
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

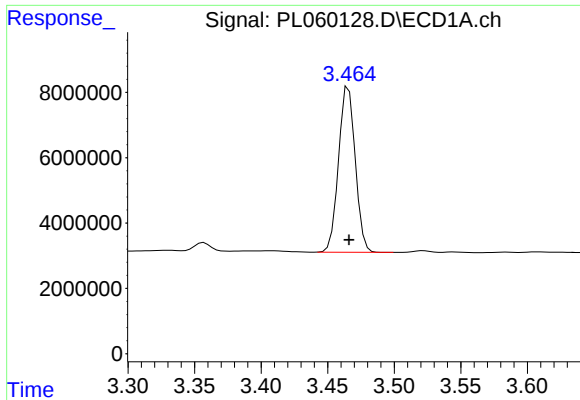
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072320\  
Data File : PL060128.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2020 12:35  
Operator : DD\AJ  
Sample : L3378-14MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
DRUM-COMPMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 01:57:26 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

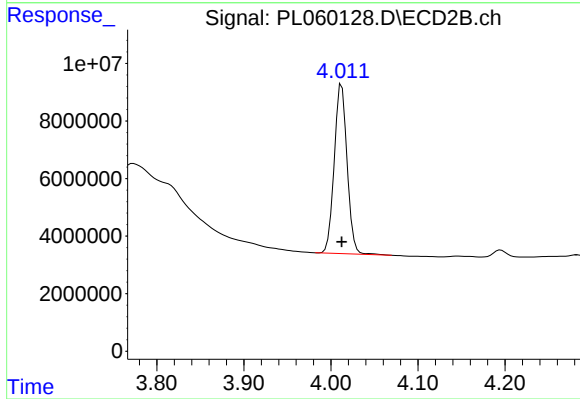




#1 Tetrachloro-m-xylene

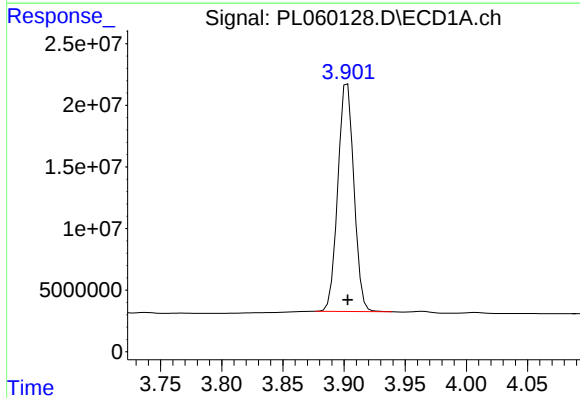
R.T.: 3.466 min  
Delta R.T.: 0.000 min  
Response: 44255325  
Conc: 22.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



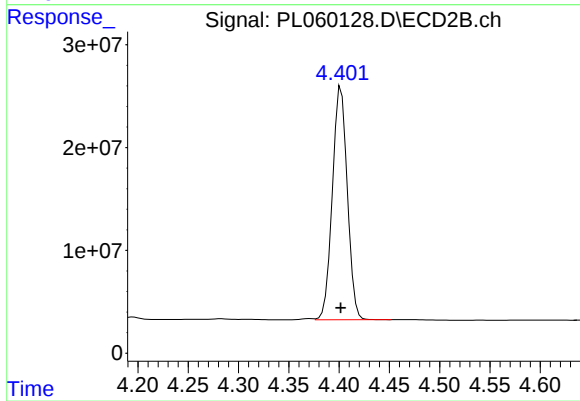
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 60567845  
Conc: 22.85 ng/ml



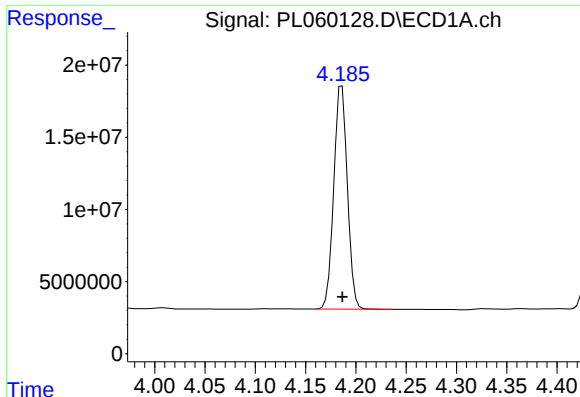
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 169259570  
Conc: 58.89 ng/ml



#2 alpha-BHC

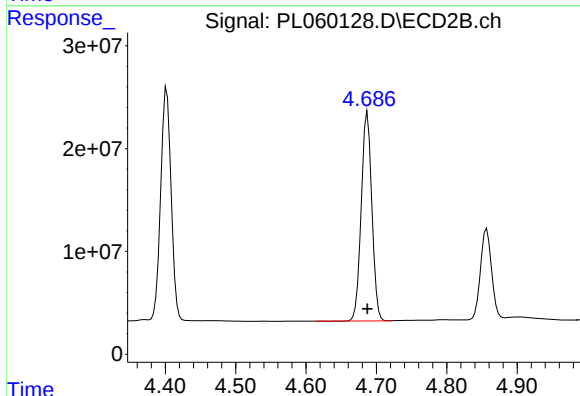
R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 233956007  
Conc: 60.60 ng/ml



#3 gamma-BHC (Lindane)

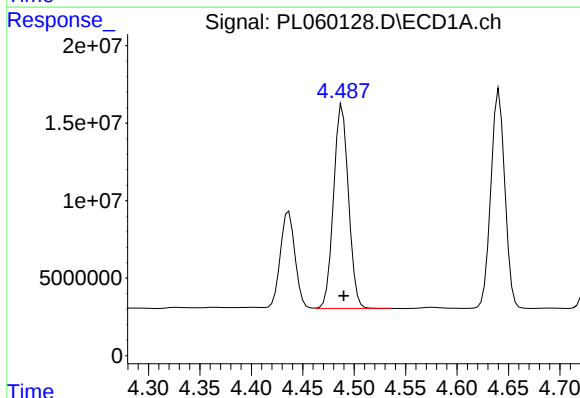
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 145249694  
Conc: 58.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



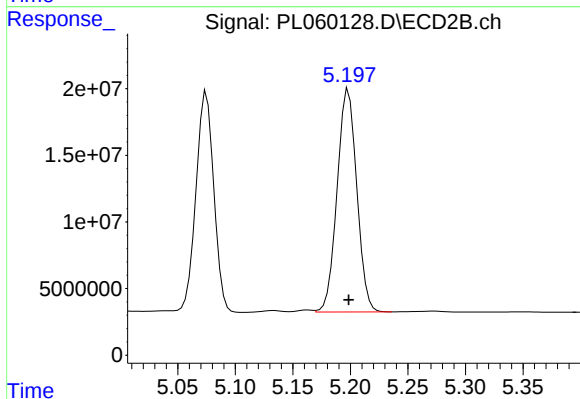
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 212805882  
Conc: 58.67 ng/ml



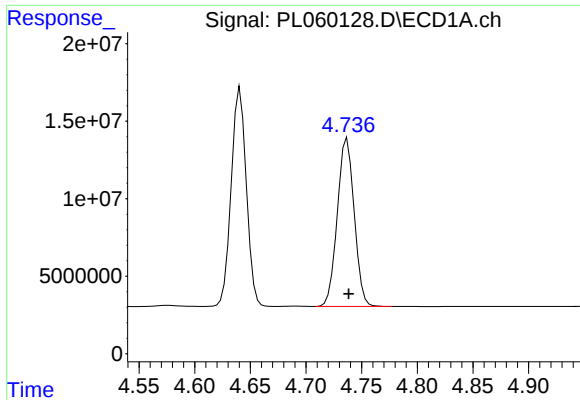
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: -0.001 min  
Response: 132386755  
Conc: 59.03 ng/ml



#4 Heptachlor

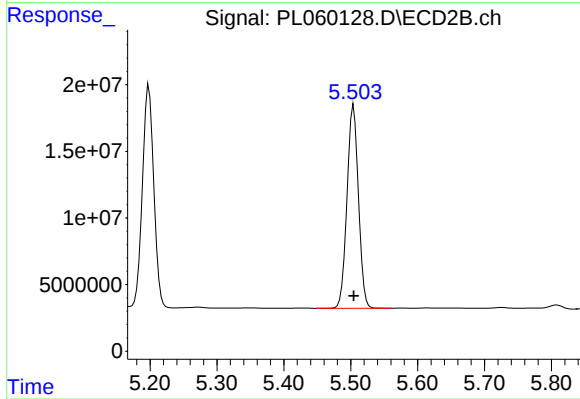
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 199277622  
Conc: 59.24 ng/ml



#5 Aldrin

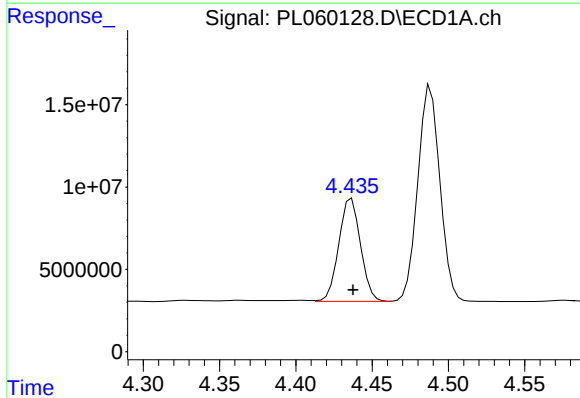
R.T.: 4.737 min  
Delta R.T.: -0.001 min  
Response: 114454162  
Conc: 58.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



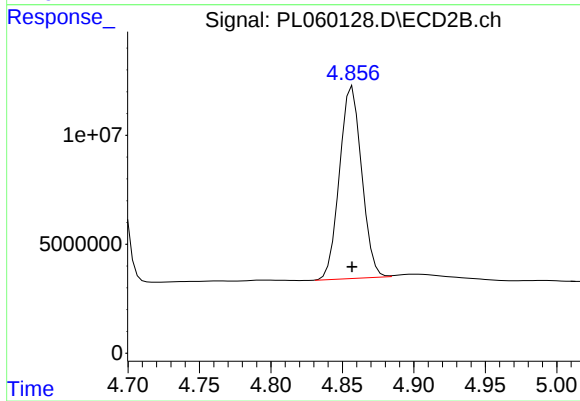
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 182285695  
Conc: 58.52 ng/ml



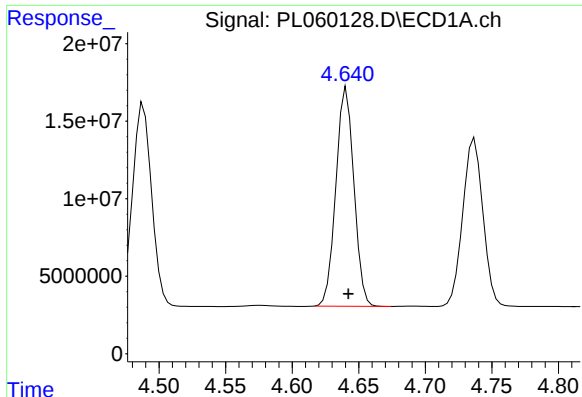
#6 beta-BHC

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 61922204  
Conc: 60.63 ng/ml



#6 beta-BHC

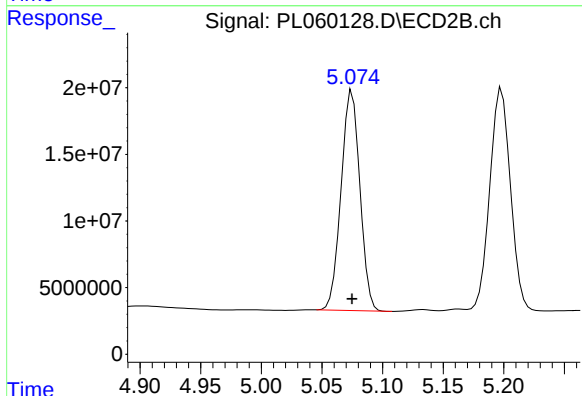
R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 95234325  
Conc: 62.99 ng/ml



#7 delta-BHC

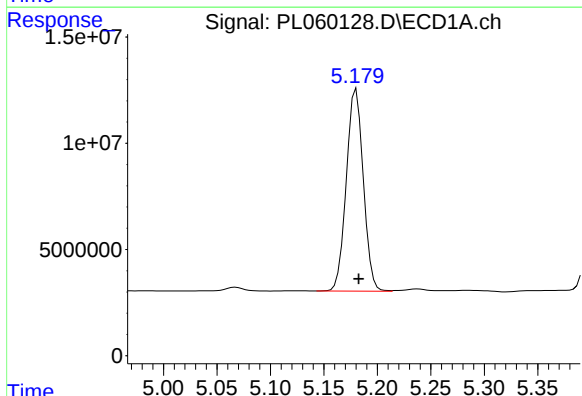
R.T.: 4.641 min  
Delta R.T.: -0.001 min  
Response: 132931991  
Conc: 59.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



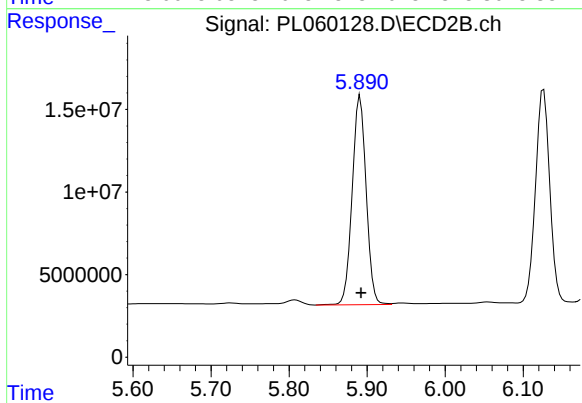
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 178230489  
Conc: 57.20 ng/ml



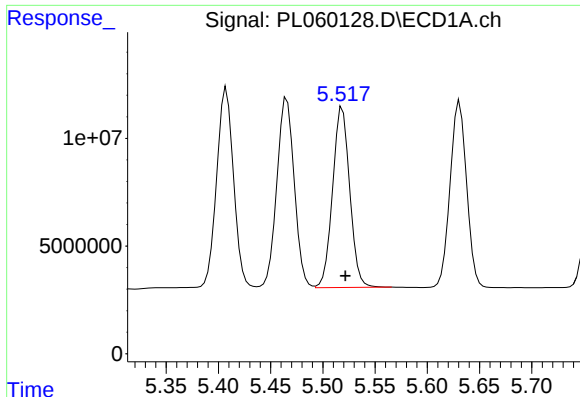
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.002 min  
Response: 105344963  
Conc: 57.39 ng/ml



#8 Heptachlor epoxide

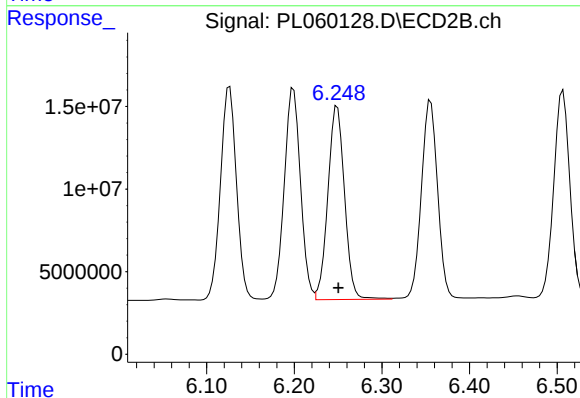
R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 157068633  
Conc: 58.32 ng/ml



#9 Endosulfan I

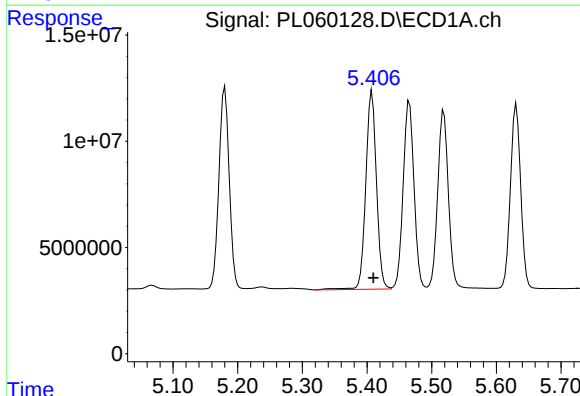
R.T.: 5.519 min  
Delta R.T.: -0.003 min  
Response: 95531904  
Conc: 56.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



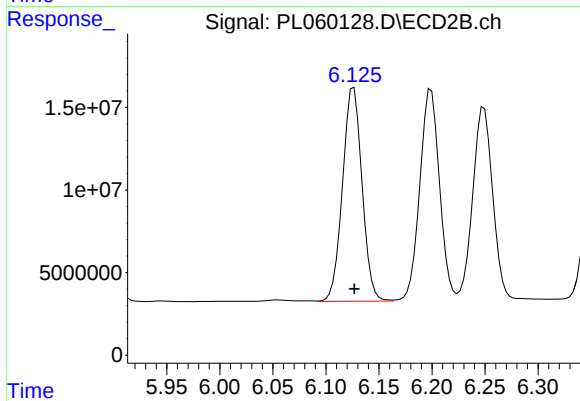
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: -0.001 min  
Response: 154955890  
Conc: 58.09 ng/ml



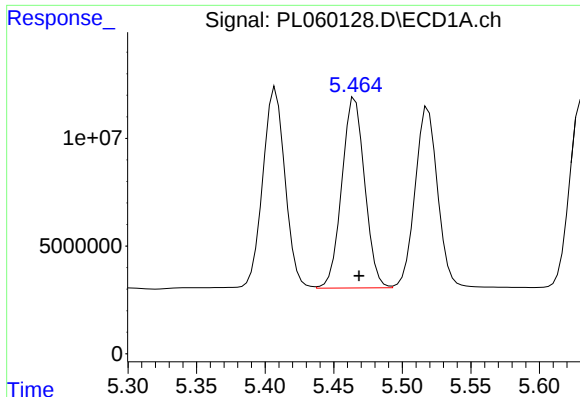
#10 gamma-Chlordane

R.T.: 5.408 min  
Delta R.T.: -0.002 min  
Response: 106881256  
Conc: 58.92 ng/ml



#10 gamma-Chlordane

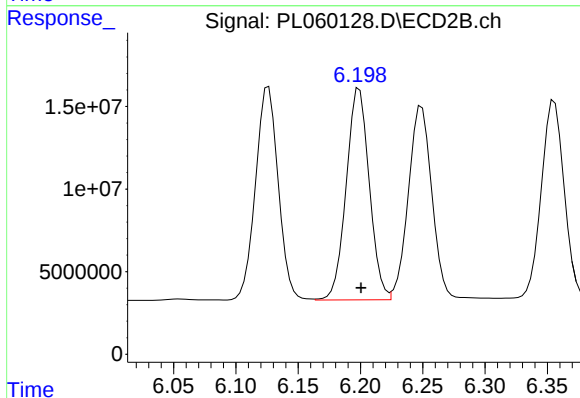
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 165093688  
Conc: 57.65 ng/ml



#11 alpha-Chlordane

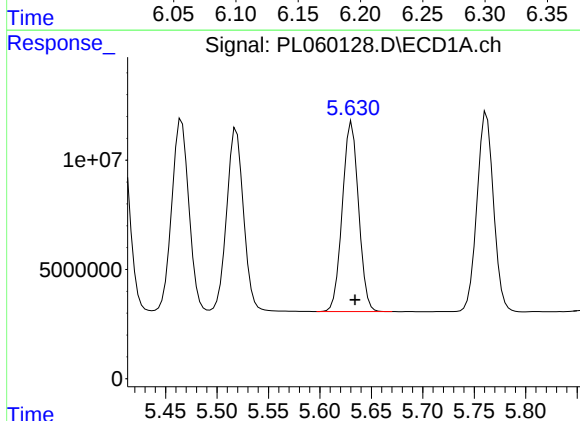
R.T.: 5.466 min  
Delta R.T.: -0.003 min  
Response: 102671220  
Conc: 56.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



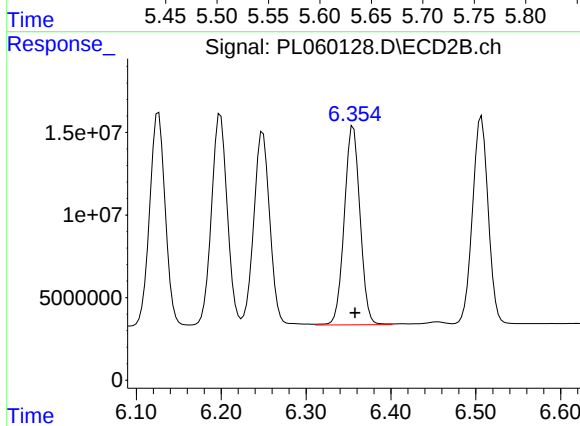
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: -0.001 min  
Response: 165695067  
Conc: 57.95 ng/ml



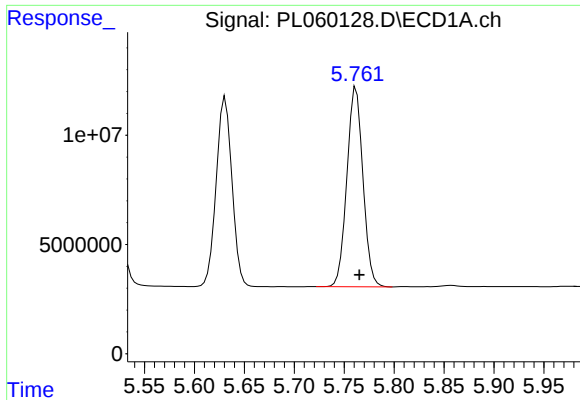
#12 4,4'-DDE

R.T.: 5.631 min  
Delta R.T.: -0.003 min  
Response: 95369722  
Conc: 57.27 ng/ml



#12 4,4'-DDE

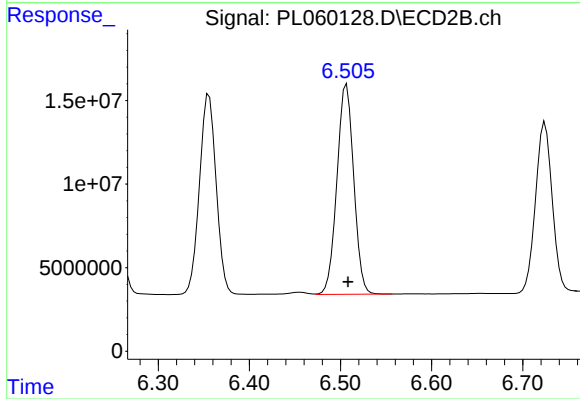
R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 155014630  
Conc: 57.91 ng/ml



#13 Dieldrin

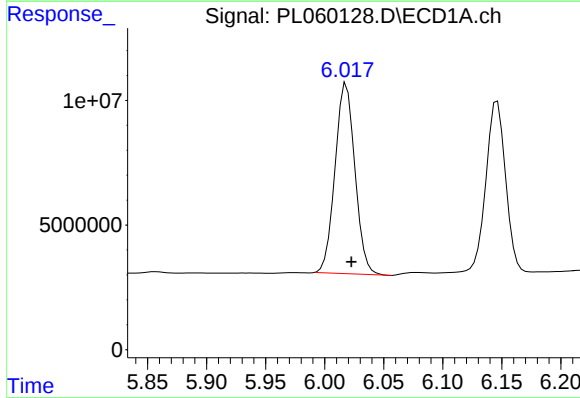
R.T.: 5.762 min  
Delta R.T.: -0.003 min  
Response: 102290695  
Conc: 57.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



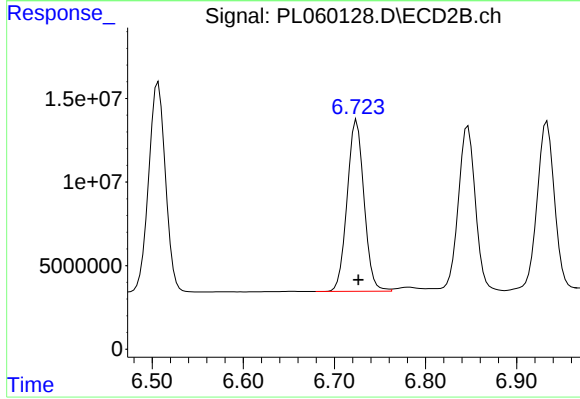
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: -0.002 min  
Response: 160870653  
Conc: 58.16 ng/ml



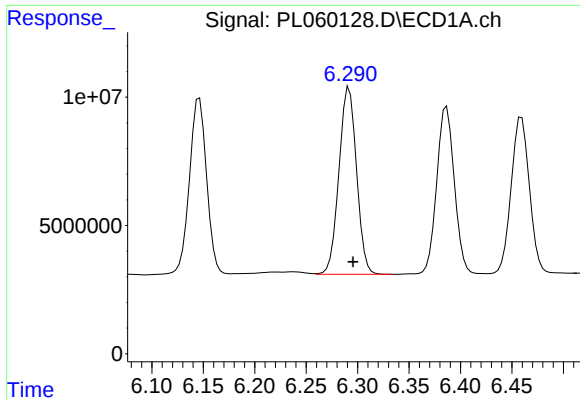
#14 Endrin

R.T.: 6.018 min  
Delta R.T.: -0.004 min  
Response: 89653946  
Conc: 61.59 ng/ml



#14 Endrin

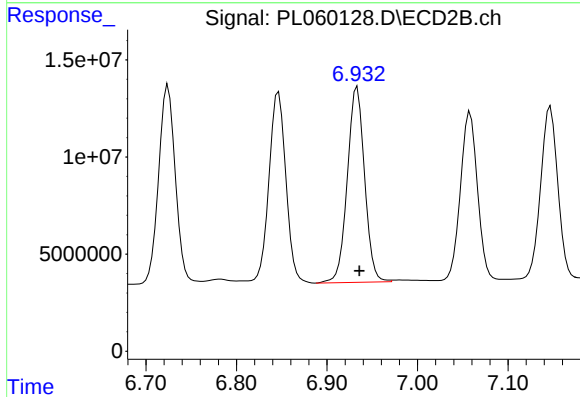
R.T.: 6.724 min  
Delta R.T.: -0.002 min  
Response: 131854238  
Conc: 61.96 ng/ml



#15 Endosulfan II

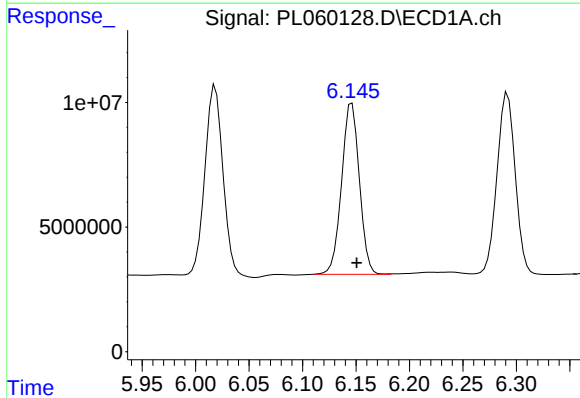
R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 86766140  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



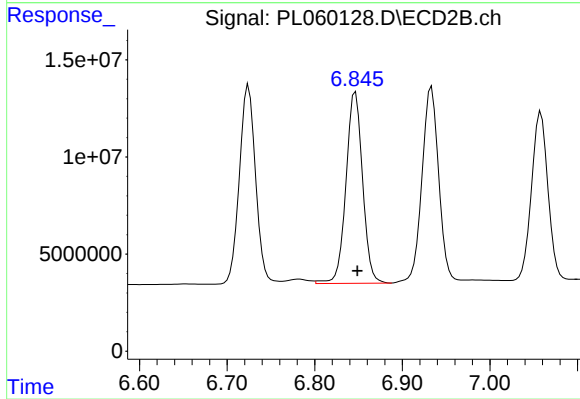
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.002 min  
Response: 133641312  
Conc: 53.21 ng/ml



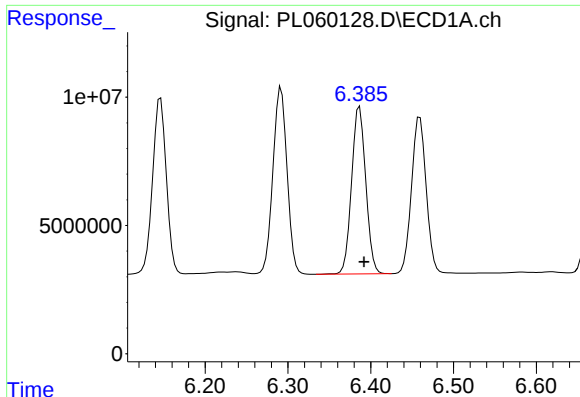
#16 4,4'-DDD

R.T.: 6.146 min  
Delta R.T.: -0.004 min  
Response: 79531687  
Conc: 52.10 ng/ml



#16 4,4'-DDD

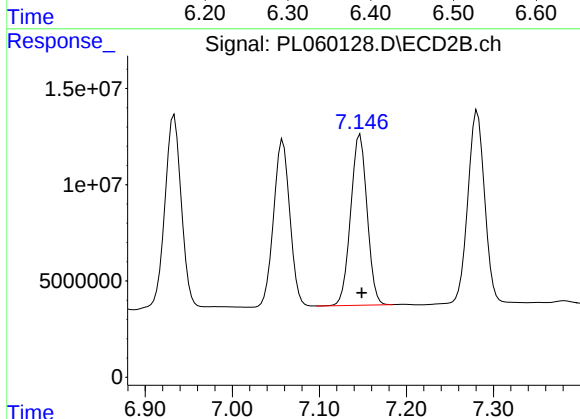
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 129762817  
Conc: 56.53 ng/ml



#17 4,4'-DDT

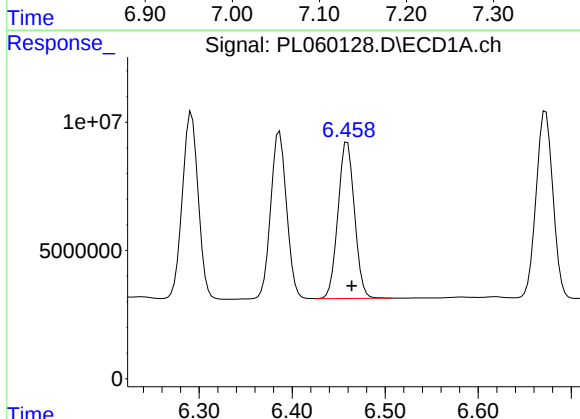
R.T.: 6.387 min  
Delta R.T.: -0.005 min  
Response: 77658688  
Conc: 59.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



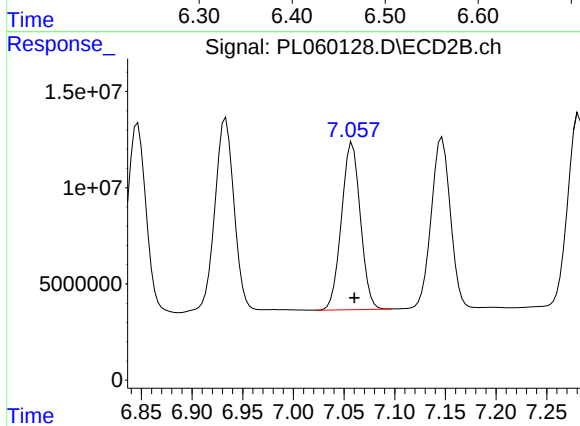
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 116329841  
Conc: 59.08 ng/ml



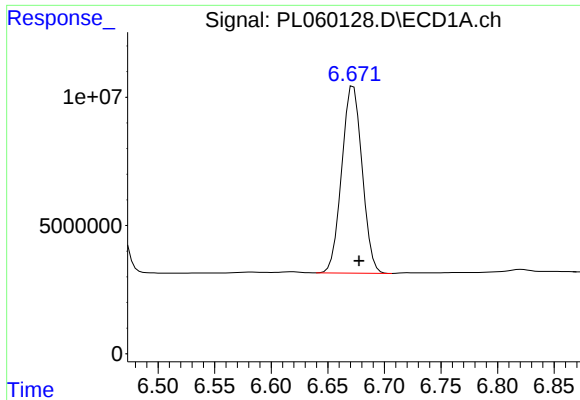
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: -0.005 min  
Response: 75235192  
Conc: 52.74 ng/ml



#18 Endrin aldehyde

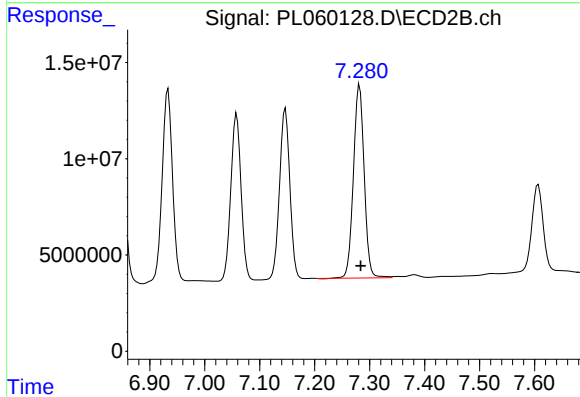
R.T.: 7.058 min  
Delta R.T.: -0.002 min  
Response: 112710210  
Conc: 51.90 ng/ml



#19 Endosulfan Sulfate

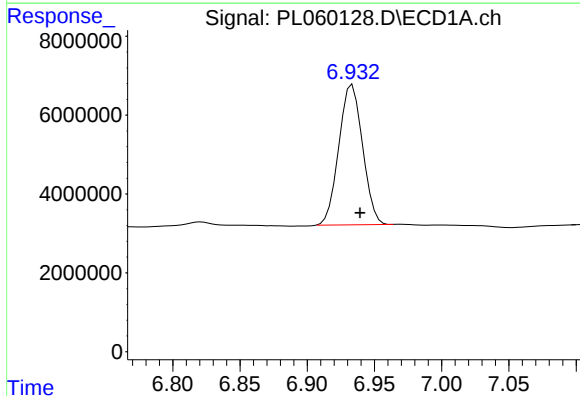
R.T.: 6.673 min  
Delta R.T.: -0.005 min  
Response: 91437488  
Conc: 55.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



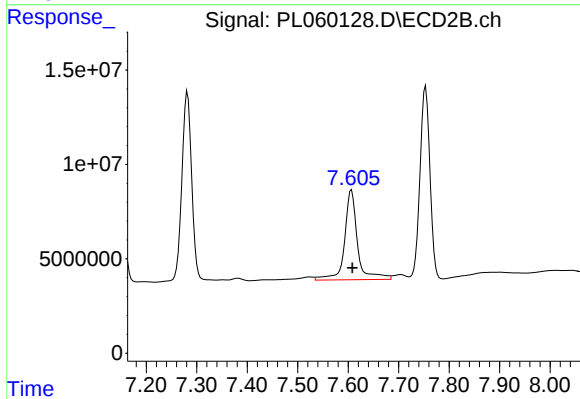
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: -0.002 min  
Response: 136432201  
Conc: 58.33 ng/ml



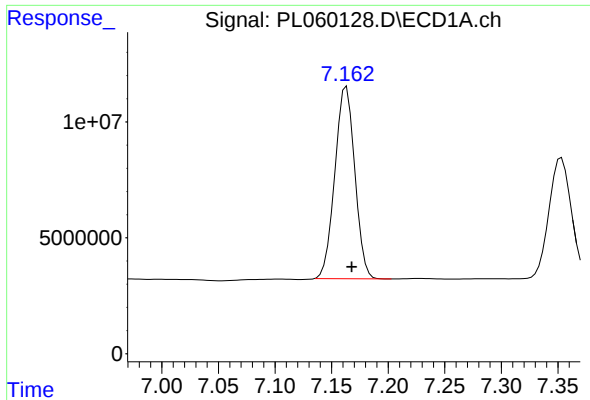
#20 Methoxychlor

R.T.: 6.934 min  
Delta R.T.: -0.006 min  
Response: 43555459  
Conc: 58.23 ng/ml



#20 Methoxychlor

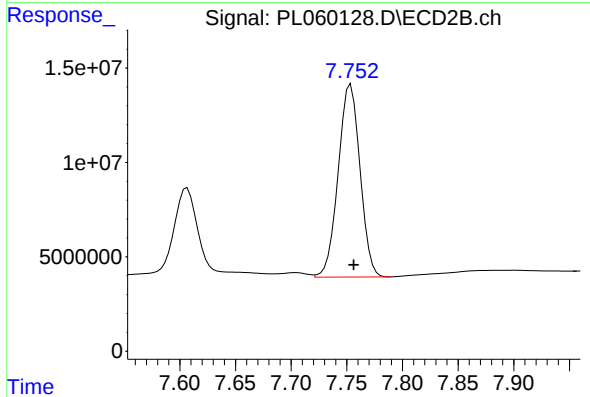
R.T.: 7.607 min  
Delta R.T.: -0.002 min  
Response: 84718431  
Conc: 74.63 ng/ml



#21 Endrin ketone

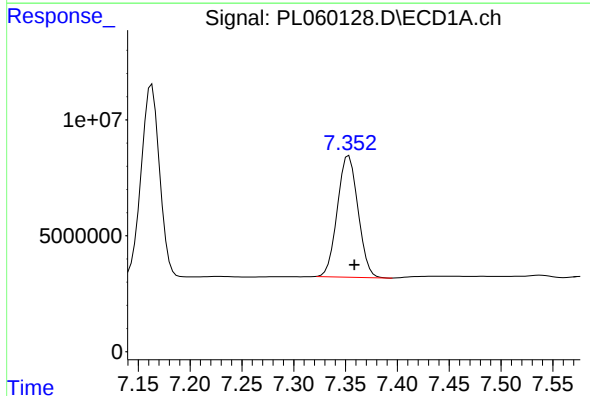
R.T.: 7.163 min  
Delta R.T.: -0.005 min  
Response: 101625018  
Conc: 54.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



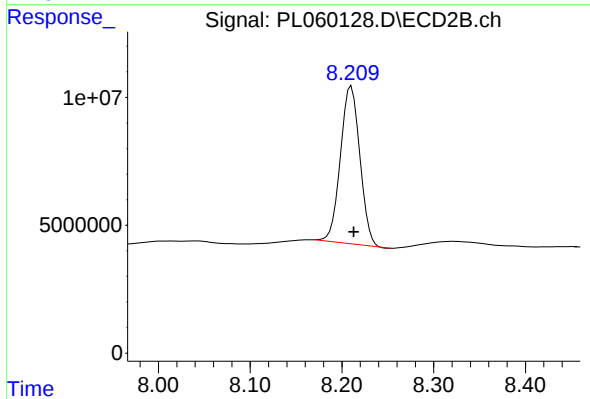
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: -0.003 min  
Response: 139361437  
Conc: 53.96 ng/ml



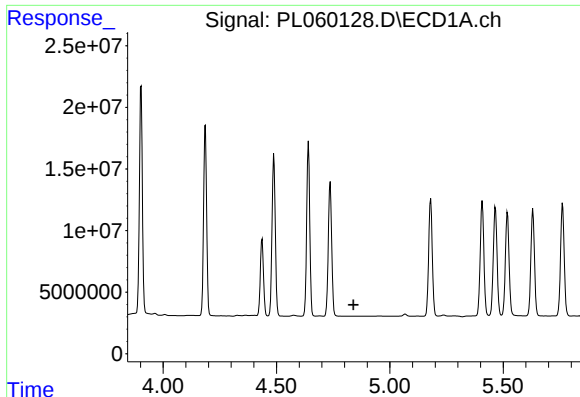
#22 Mirex

R.T.: 7.353 min  
Delta R.T.: -0.005 min  
Response: 72798797  
Conc: 51.17 ng/ml



#22 Mirex

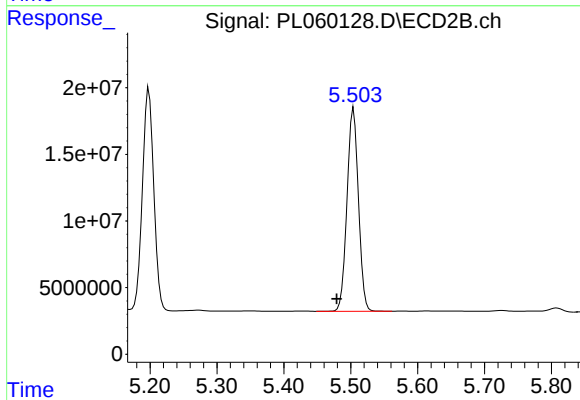
R.T.: 8.210 min  
Delta R.T.: -0.003 min  
Response: 90667275  
Conc: 49.06 ng/ml



#24 Chlordane-2

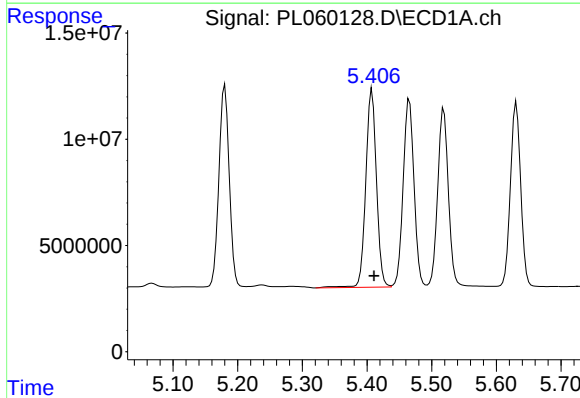
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



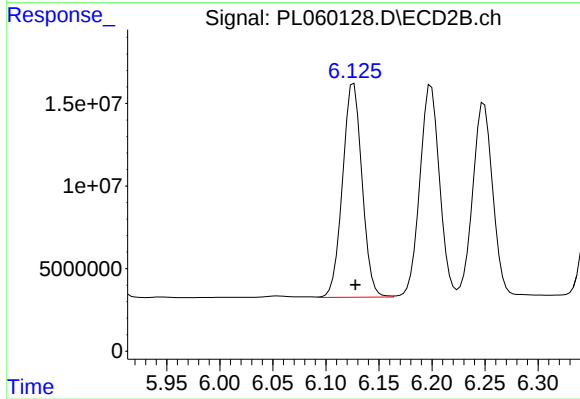
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.025 min  
Response: 182285695  
Conc: 1590.97 ng/ml



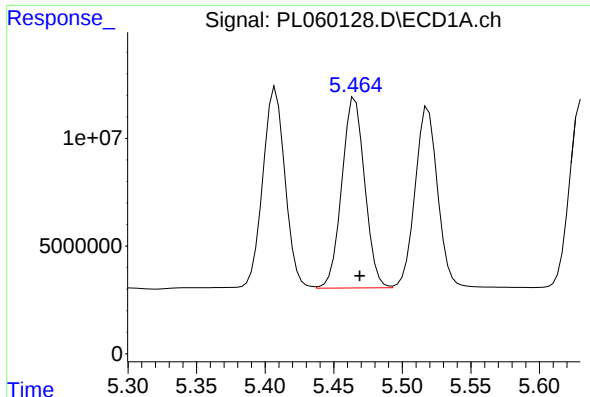
#25 Chlordane-3

R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 106881256  
Conc: 632.00 ng/ml



#25 Chlordane-3

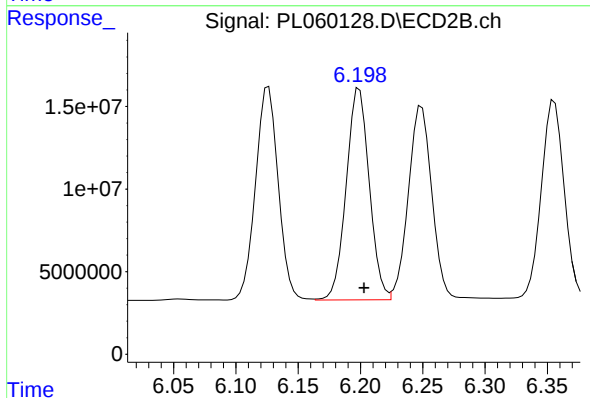
R.T.: 6.126 min  
Delta R.T.: -0.002 min  
Response: 165093688  
Conc: 426.69 ng/ml



#26 Chlordane-4

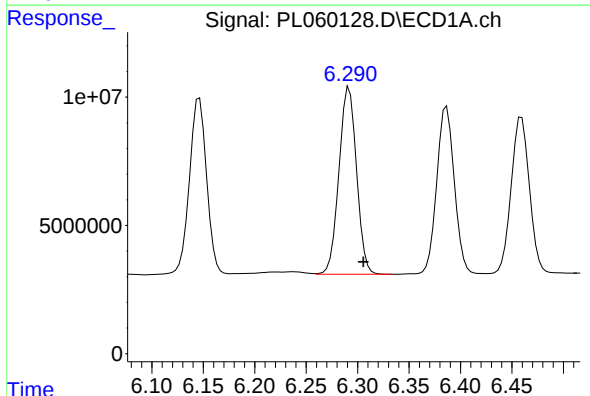
R.T.: 5.466 min  
Delta R.T.: -0.003 min  
Response: 102671220  
Conc: 735.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



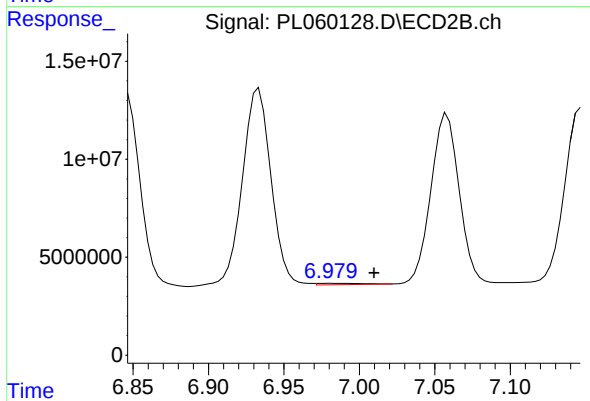
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: -0.004 min  
Response: 165695067  
Conc: 357.95 ng/ml



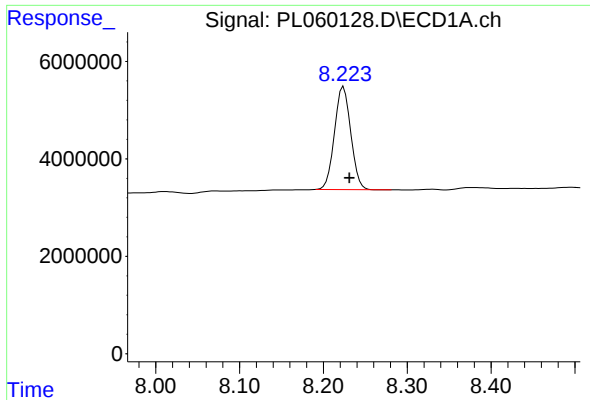
#27 Chlordane-5

R.T.: 6.292 min  
Delta R.T.: -0.014 min  
Response: 86766140  
Conc: 1529.18 ng/ml



#27 Chlordane-5

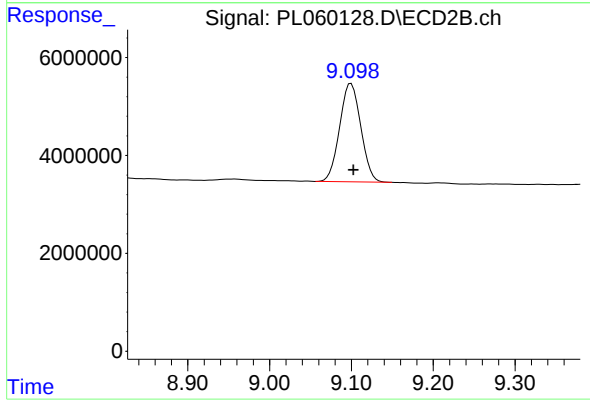
R.T.: 6.981 min  
Delta R.T.: -0.029 min  
Response: 1503641  
Conc: 19.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.224 min  
Delta R.T.: -0.007 min  
Response: 28472276  
Conc: 17.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMS



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: -0.003 min  
Response: 35990742  
Conc: 17.21 ng/ml