

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103018\  
 Data File : PL041500.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2018 14:16  
 Operator : AJ\SJ  
 Sample : PB114299BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 04:02:20 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 30 01:26:00 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.473 | 4.104 | 101.6E6 | 51652463 | 15.947   | 16.769     |
| 28)                         | SA Decachlor... | 8.217 | 9.235 | 104.8E6 | 41803734 | 15.828   | 16.316     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.914 | 4.499 | 476.4E6 | 220.3E6  | 49.034   | 48.031     |
| 3)                          | MA gamma-BHC... | 4.197 | 4.788 | 439.4E6 | 204.8E6  | 49.182   | 48.309     |
| 4)                          | MA Heptachlor   | 4.494 | 5.304 | 454.0E6 | 200.4E6  | 49.533   | 49.280     |
| 5)                          | MB Aldrin       | 4.741 | 5.613 | 429.8E6 | 192.9E6  | 50.910   | 50.511     |
| 6)                          | B beta-BHC      | 4.449 | 4.956 | 181.0E6 | 84986069 | 48.017   | 49.483     |
| 7)                          | B delta-BHC     | 4.653 | 5.177 | 392.7E6 | 185.7E6  | 47.278   | 45.982     |
| 8)                          | B Heptachlo...  | 5.184 | 6.001 | 393.3E6 | 164.3E6  | 48.708   | 46.736     |
| 9)                          | A Endosulfan I  | 5.522 | 6.361 | 359.7E6 | 149.4E6  | 48.331   | 48.073     |
| 10)                         | B gamma-Chl...  | 5.410 | 6.236 | 394.9E6 | 162.9E6  | 48.487   | 48.259     |
| 11)                         | B alpha-Chl...  | 5.468 | 6.309 | 386.5E6 | 160.0E6  | 47.734   | 47.285     |
| 12)                         | B 4,4'-DDE      | 5.634 | 6.463 | 355.0E6 | 159.0E6  | 49.601   | 48.586     |
| 13)                         | MA Dieldrin     | 5.765 | 6.619 | 387.3E6 | 157.8E6  | 48.710   | 48.948     |
| 14)                         | MA Endrin       | 6.021 | 6.839 | 354.3E6 | 132.7E6  | 48.435   | 48.804     |
| 15)                         | B Endosulfa...  | 6.296 | 7.047 | 319.8E6 | 124.7E6  | 46.275   | 46.106     |
| 16)                         | A 4,4'-DDD      | 6.150 | 6.955 | 282.6E6 | 123.1E6  | 48.640   | 49.449     |
| 17)                         | MA 4,4'-DDT     | 6.388 | 7.256 | 295.0E6 | 121.5E6  | 48.483   | 48.316     |
| 18)                         | B Endrin al...  | 6.465 | 7.171 | 254.1E6 | 105.5E6  | 46.128   | 48.206     |
| 19)                         | B Endosulfa...  | 6.676 | 7.394 | 313.4E6 | 122.6E6  | 49.081   | 49.397     |
| 20)                         | A Methoxychlor  | 6.936 | 7.711 | 160.4E6 | 63275150 | 47.714   | 48.842     |
| 21)                         | B Endrin ke...  | 7.167 | 7.869 | 346.2E6 | 126.0E6  | 47.964   | 47.875     |
| 23)                         | Chlordane-1     | 0.000 | 5.177 | 0       | 185.7E6  | N.D.     | 1336.949 # |
| 24)                         | Chlordane-2     | 0.000 | 5.613 | 0       | 192.9E6  | N.D.     | 1451.750 # |
| 25)                         | Chlordane-3     | 5.410 | 6.236 | 394.9E6 | 162.9E6  | 443.016  | 362.013    |
| 26)                         | Chlordane-4     | 5.468 | 6.309 | 386.5E6 | 160.0E6  | 493.603  | 306.098 #  |
| 27)                         | Chlordane-5     | 6.296 | 7.171 | 319.8E6 | 105.5E6  | 1282.658 | 1080.419   |
| -----                       |                 |       |       |         |          |          |            |

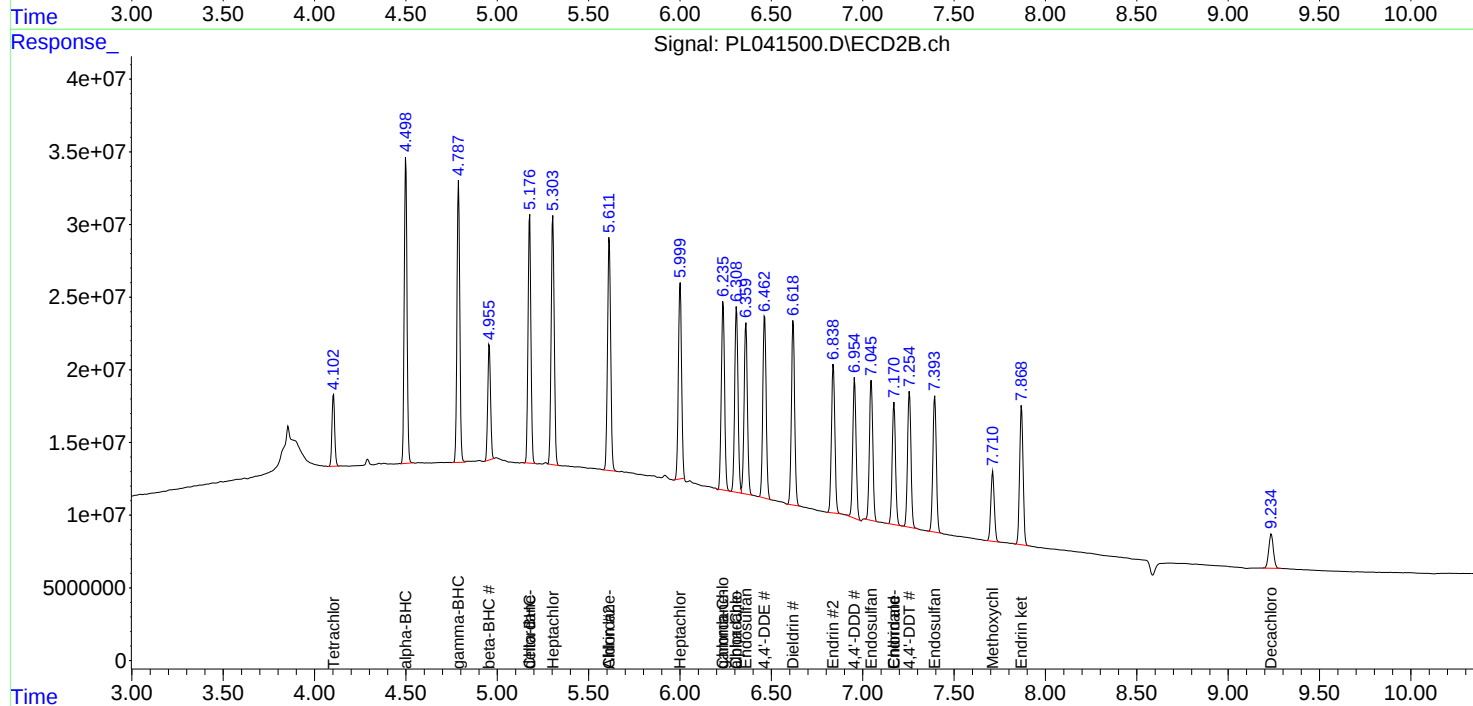
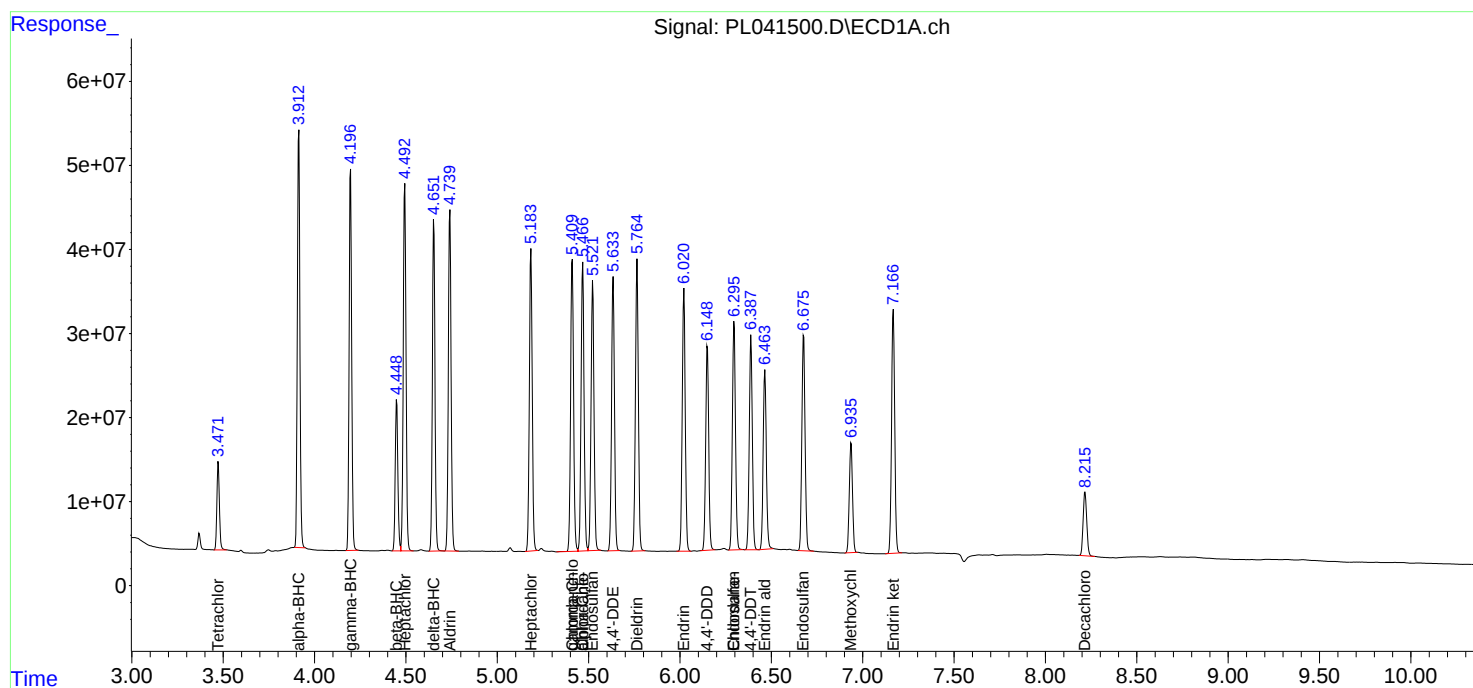
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

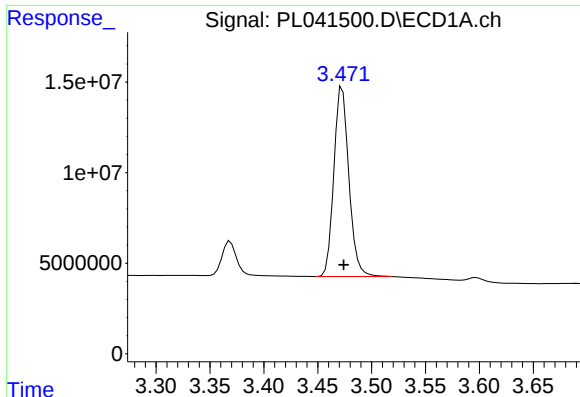
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103018\  
Data File : PL041500.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2018 14:16  
Operator : AJ\SJ  
Sample : PB114299BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 04:02:20 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 30 01:26:00 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

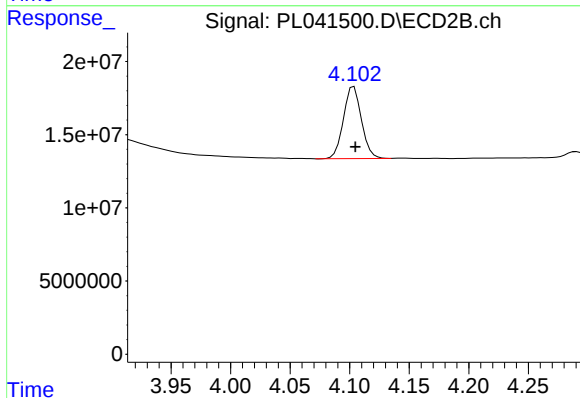




#1 Tetrachloro-m-xylene

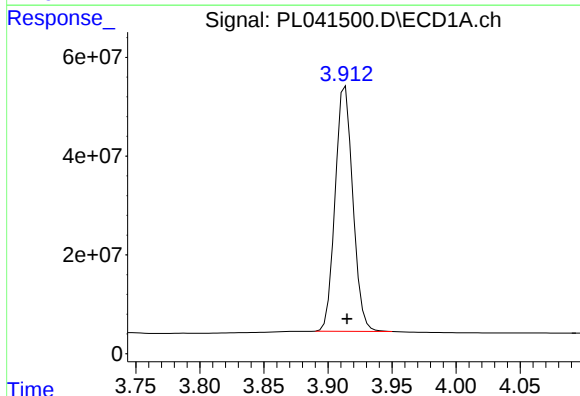
R.T.: 3.473 min  
Delta R.T.: -0.001 min  
Response: 101586944  
Conc: 15.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



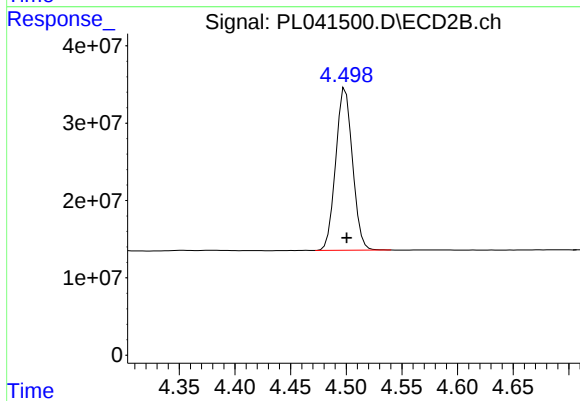
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: -0.001 min  
Response: 51652463  
Conc: 16.77 ng/ml



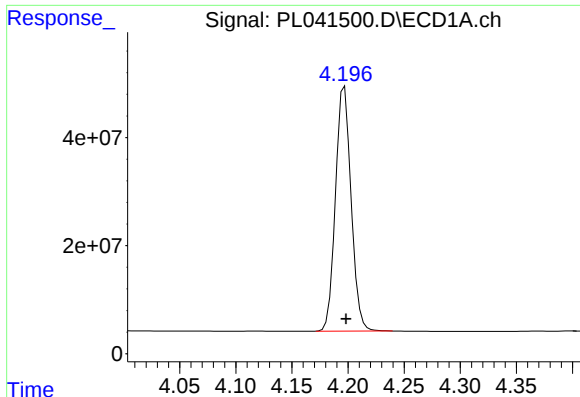
#2 alpha-BHC

R.T.: 3.914 min  
Delta R.T.: -0.001 min  
Response: 476388674  
Conc: 49.03 ng/ml



#2 alpha-BHC

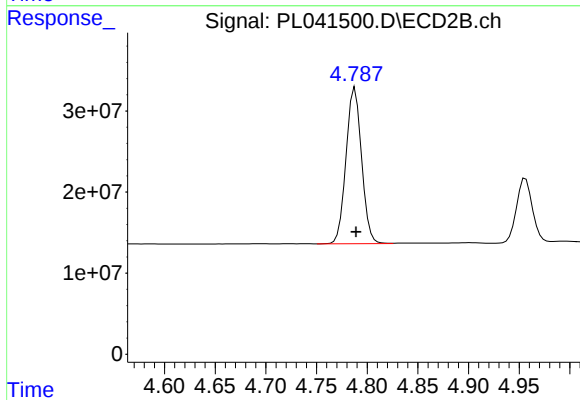
R.T.: 4.499 min  
Delta R.T.: -0.001 min  
Response: 220309892  
Conc: 48.03 ng/ml



#3 gamma-BHC (Lindane)

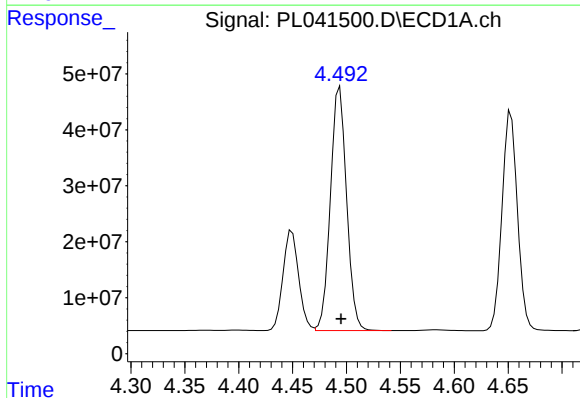
R.T.: 4.197 min  
Delta R.T.: -0.001 min  
Response: 439388275  
Conc: 49.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



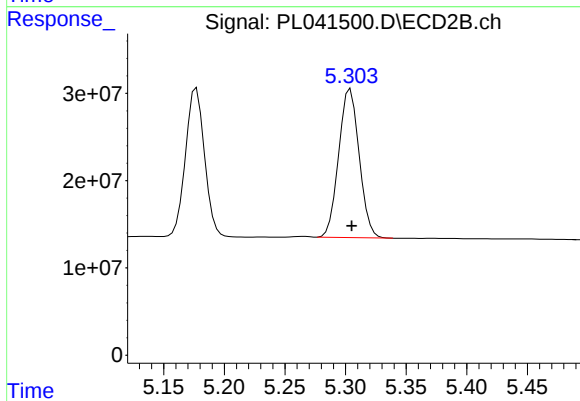
#3 gamma-BHC (Lindane)

R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 204811638  
Conc: 48.31 ng/ml



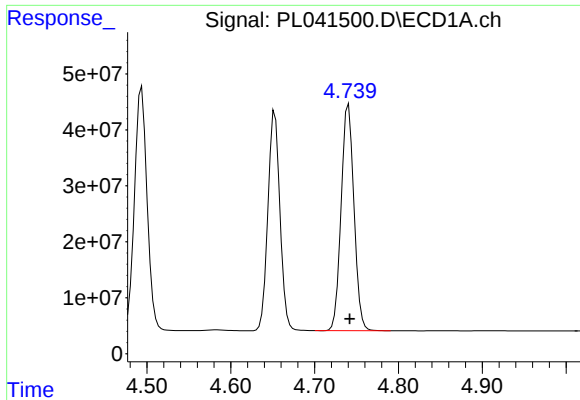
#4 Heptachlor

R.T.: 4.494 min  
Delta R.T.: -0.001 min  
Response: 453972627  
Conc: 49.53 ng/ml



#4 Heptachlor

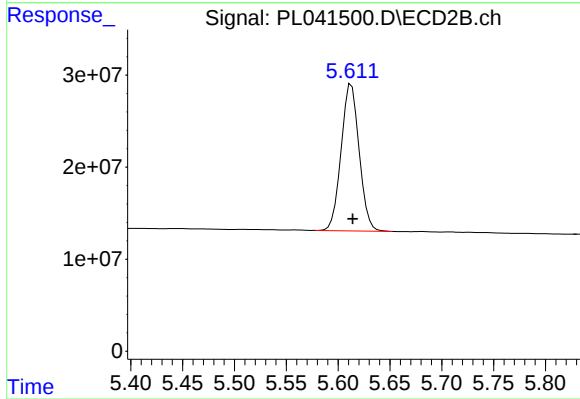
R.T.: 5.304 min  
Delta R.T.: -0.001 min  
Response: 200388385  
Conc: 49.28 ng/ml



#5 Aldrin

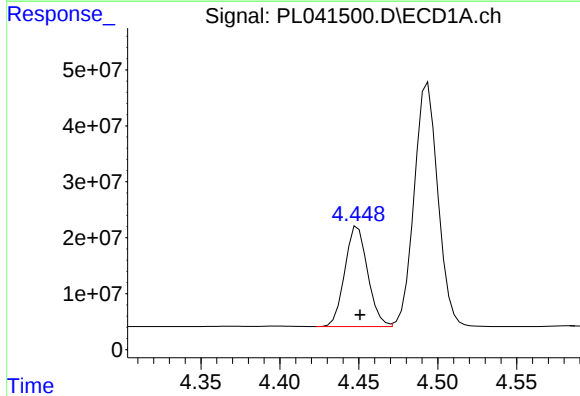
R.T.: 4.741 min  
Delta R.T.: -0.002 min  
Response: 429795399  
Conc: 50.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



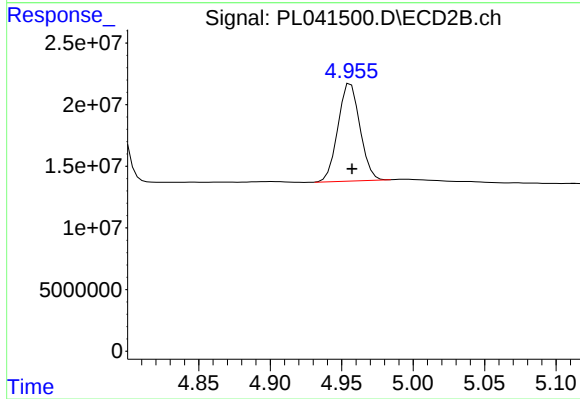
#5 Aldrin

R.T.: 5.613 min  
Delta R.T.: -0.001 min  
Response: 192915083  
Conc: 50.51 ng/ml



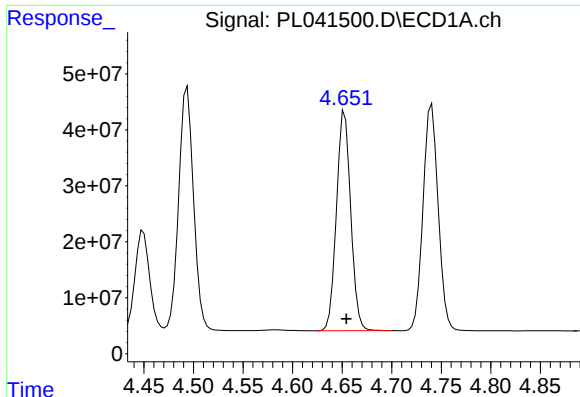
#6 beta-BHC

R.T.: 4.449 min  
Delta R.T.: -0.001 min  
Response: 180984165  
Conc: 48.02 ng/ml



#6 beta-BHC

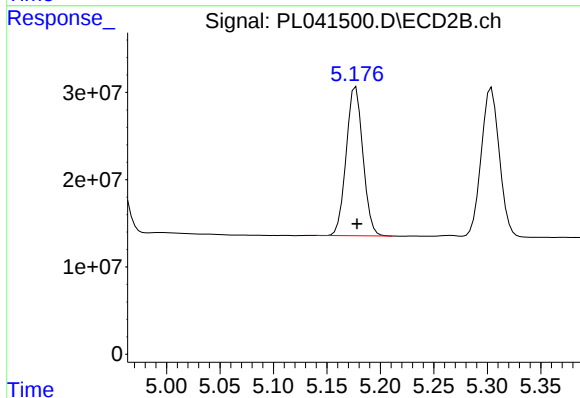
R.T.: 4.956 min  
Delta R.T.: 0.000 min  
Response: 84986069  
Conc: 49.48 ng/ml



#7 delta-BHC

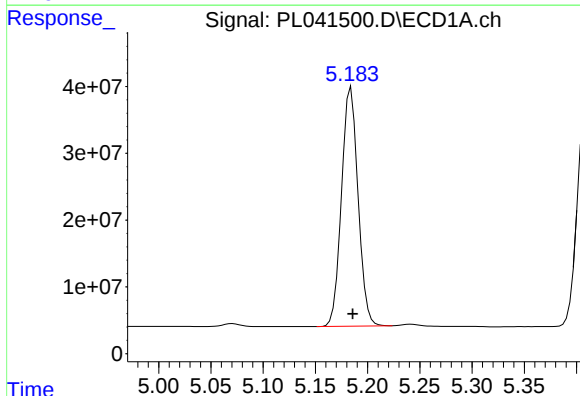
R.T.: 4.653 min  
Delta R.T.: -0.002 min  
Response: 392680435  
Conc: 47.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



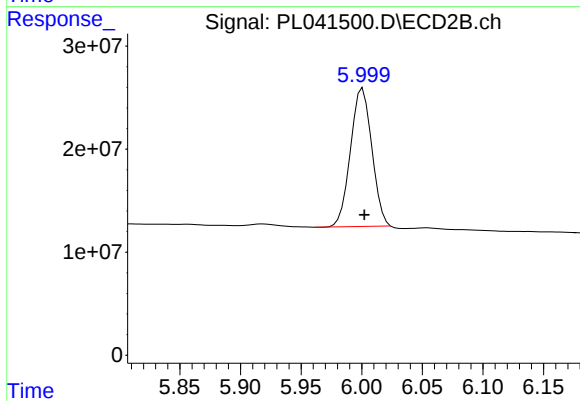
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: -0.001 min  
Response: 185688665  
Conc: 45.98 ng/ml



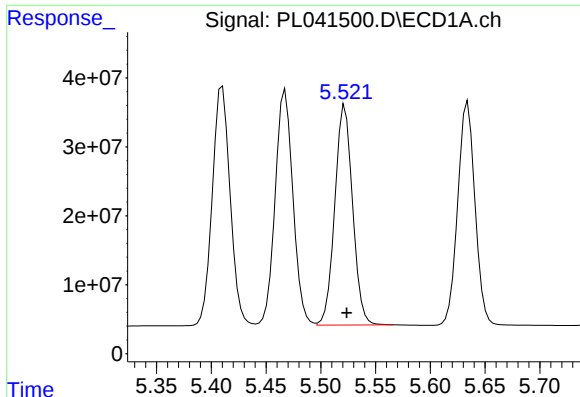
#8 Heptachlor epoxide

R.T.: 5.184 min  
Delta R.T.: -0.002 min  
Response: 393285560  
Conc: 48.71 ng/ml



#8 Heptachlor epoxide

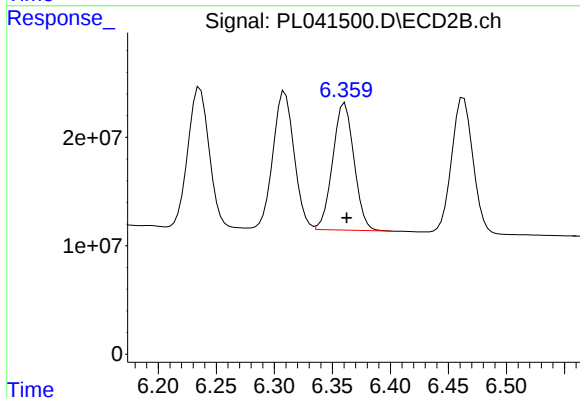
R.T.: 6.001 min  
Delta R.T.: -0.001 min  
Response: 164307148  
Conc: 46.74 ng/ml



#9 Endosulfan I

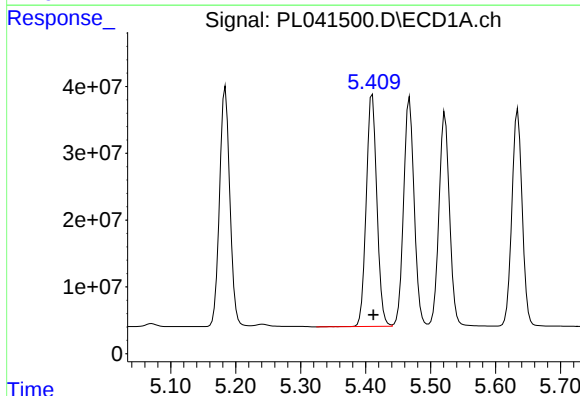
R.T.: 5.522 min  
Delta R.T.: -0.002 min  
Response: 359650478  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



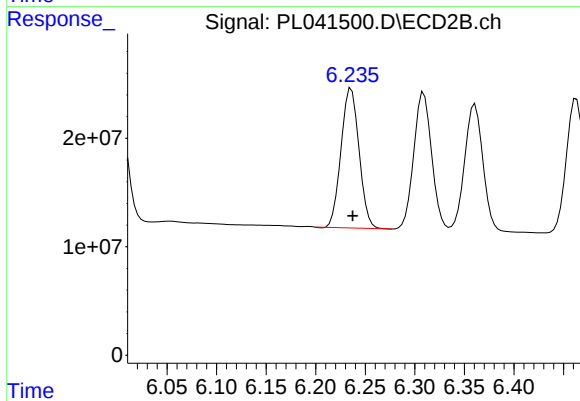
#9 Endosulfan I

R.T.: 6.361 min  
Delta R.T.: -0.002 min  
Response: 149407751  
Conc: 48.07 ng/ml



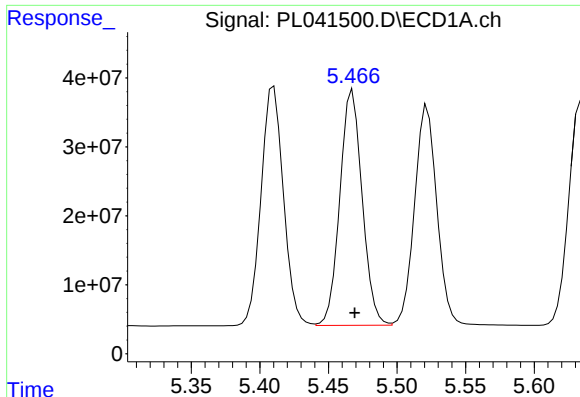
#10 gamma-Chlordane

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 394853248  
Conc: 48.49 ng/ml



#10 gamma-Chlordane

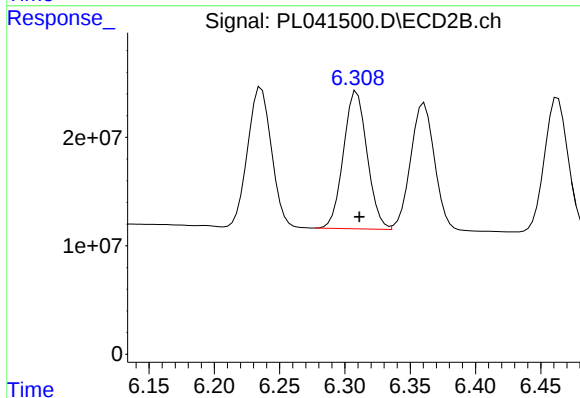
R.T.: 6.236 min  
Delta R.T.: -0.001 min  
Response: 162916054  
Conc: 48.26 ng/ml



#11 alpha-Chlordane

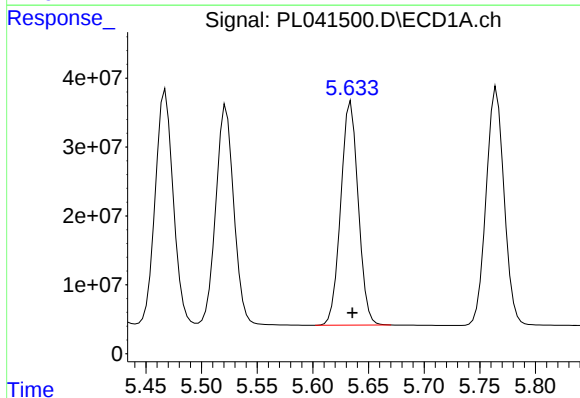
R.T.: 5.468 min  
Delta R.T.: -0.001 min  
Response: 386467738  
Conc: 47.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



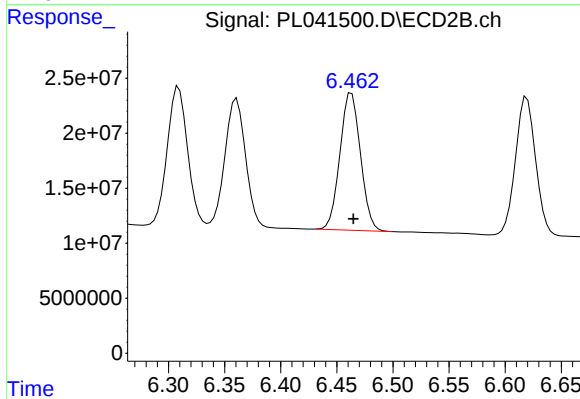
#11 alpha-Chlordane

R.T.: 6.309 min  
Delta R.T.: -0.002 min  
Response: 160034252  
Conc: 47.28 ng/ml



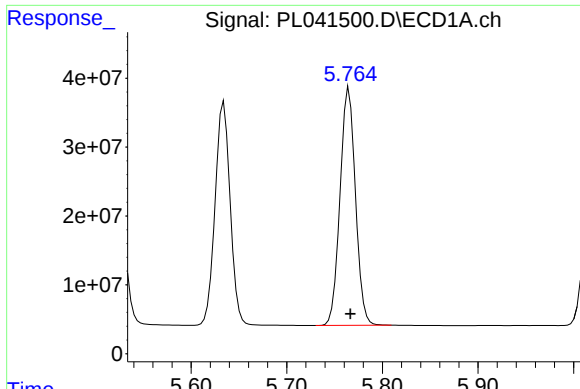
#12 4,4'-DDE

R.T.: 5.634 min  
Delta R.T.: -0.001 min  
Response: 355048487  
Conc: 49.60 ng/ml



#12 4,4'-DDE

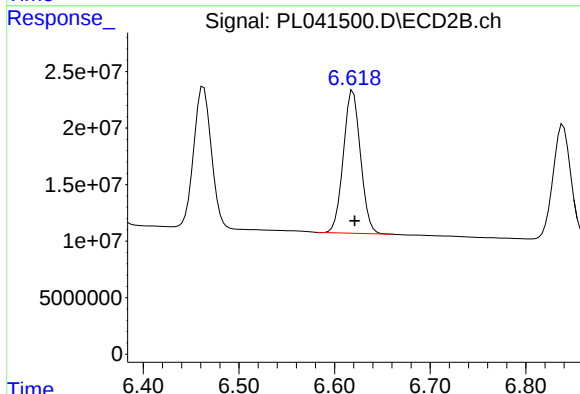
R.T.: 6.463 min  
Delta R.T.: -0.002 min  
Response: 158995011  
Conc: 48.59 ng/ml



#13 Dieldrin

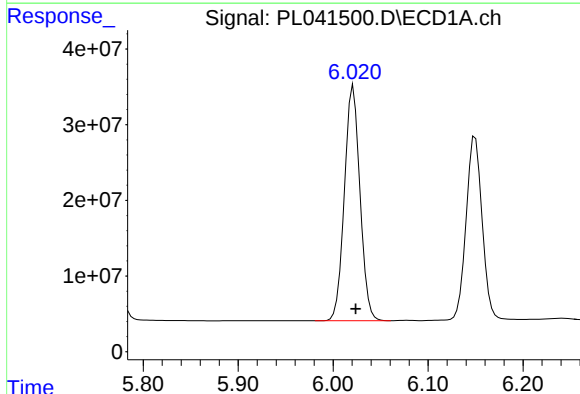
R.T.: 5.765 min  
Delta R.T.: -0.002 min  
Response: 387349136  
Conc: 48.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



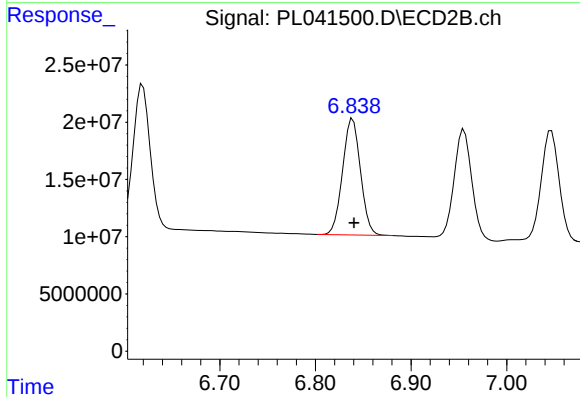
#13 Dieldrin

R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 157780983  
Conc: 48.95 ng/ml



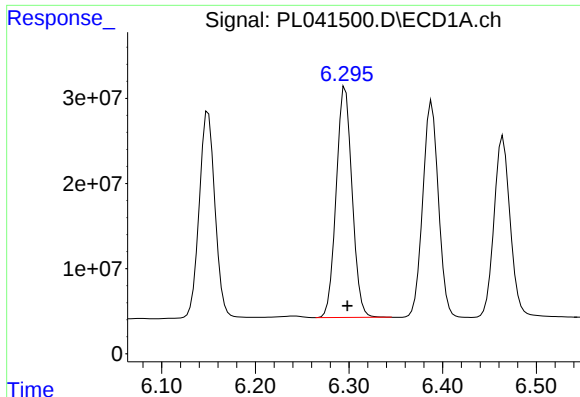
#14 Endrin

R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 354258377  
Conc: 48.43 ng/ml



#14 Endrin

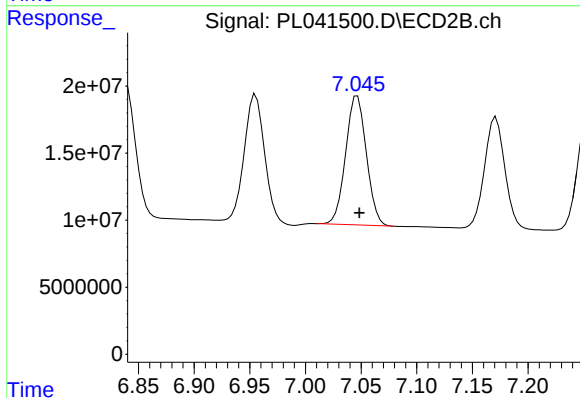
R.T.: 6.839 min  
Delta R.T.: -0.001 min  
Response: 132675450  
Conc: 48.80 ng/ml



#15 Endosulfan II

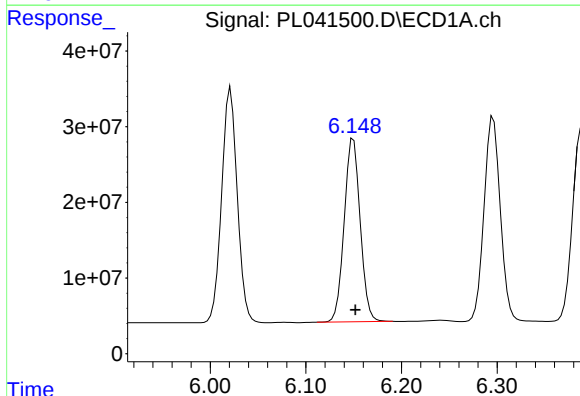
R.T.: 6.296 min  
Delta R.T.: -0.002 min  
Response: 319848438  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



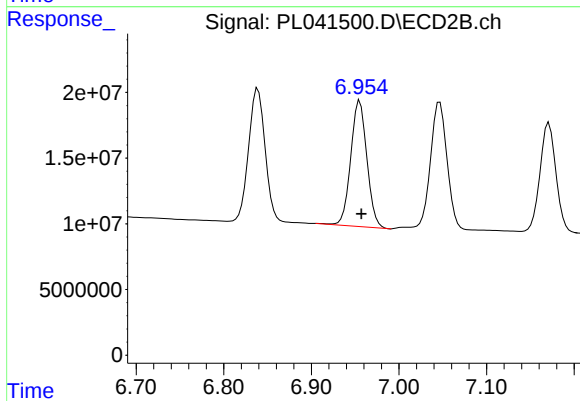
#15 Endosulfan II

R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 124733291  
Conc: 46.11 ng/ml



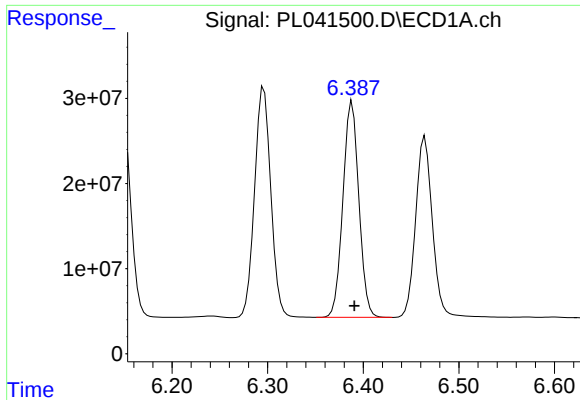
#16 4,4'-DDD

R.T.: 6.150 min  
Delta R.T.: -0.002 min  
Response: 282643221  
Conc: 48.64 ng/ml



#16 4,4'-DDD

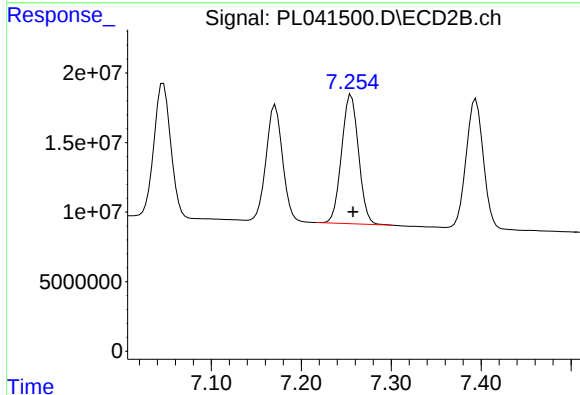
R.T.: 6.955 min  
Delta R.T.: -0.002 min  
Response: 123120610  
Conc: 49.45 ng/ml



#17 4,4'-DDT

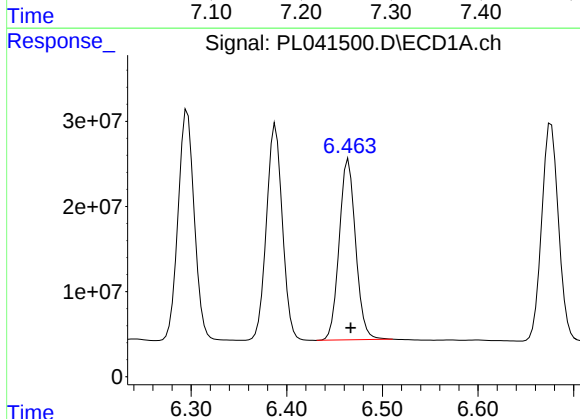
R.T.: 6.388 min  
Delta R.T.: -0.002 min  
Response: 294957593  
Conc: 48.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



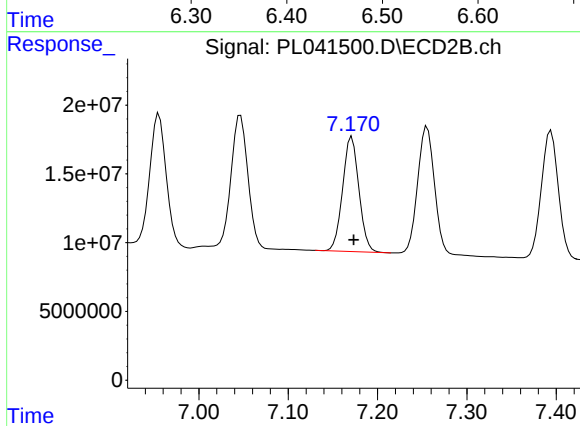
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: -0.002 min  
Response: 121468038  
Conc: 48.32 ng/ml



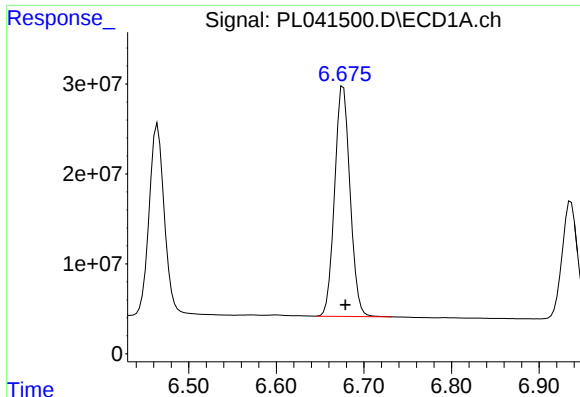
#18 Endrin aldehyde

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 254063176  
Conc: 46.13 ng/ml



#18 Endrin aldehyde

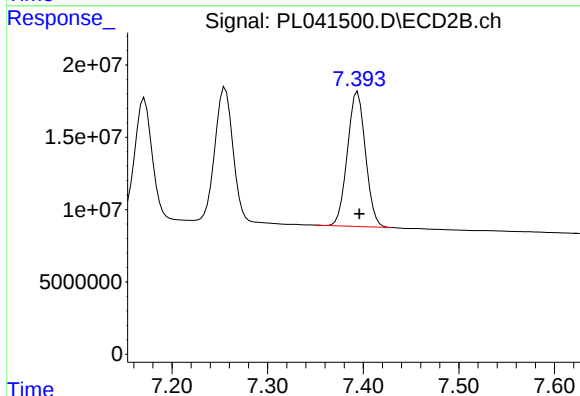
R.T.: 7.171 min  
Delta R.T.: -0.002 min  
Response: 105515078  
Conc: 48.21 ng/ml



#19 Endosulfan Sulfate

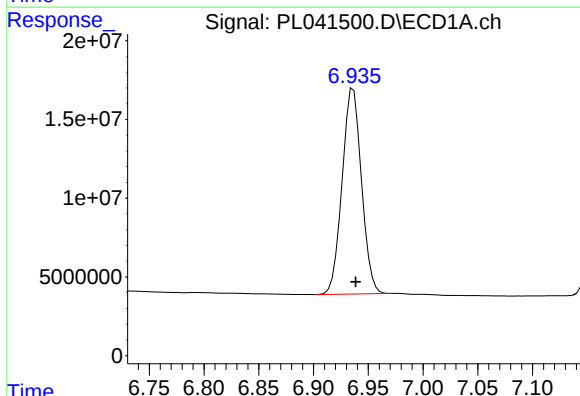
R.T.: 6.676 min  
Delta R.T.: -0.002 min  
Response: 313445951  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



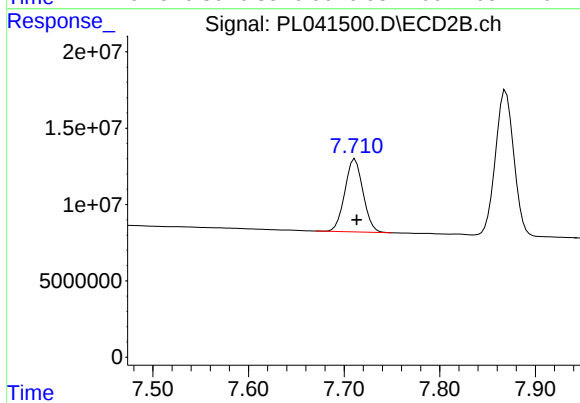
#19 Endosulfan Sulfate

R.T.: 7.394 min  
Delta R.T.: -0.002 min  
Response: 122582134  
Conc: 49.40 ng/ml



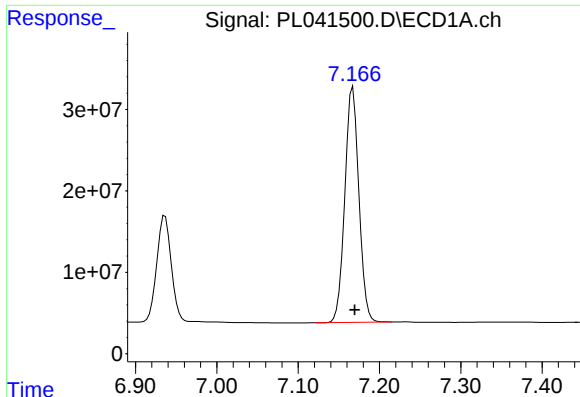
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: -0.002 min  
Response: 160389453  
Conc: 47.71 ng/ml



#20 Methoxychlor

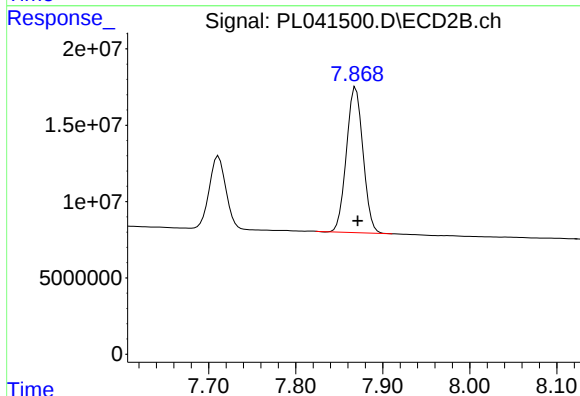
R.T.: 7.711 min  
Delta R.T.: -0.002 min  
Response: 63275150  
Conc: 48.84 ng/ml



#21 Endrin ketone

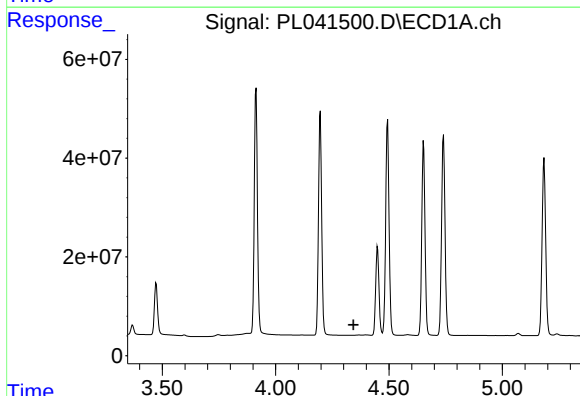
R.T.: 7.167 min  
Delta R.T.: -0.002 min  
Response: 346184838  
Conc: 47.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



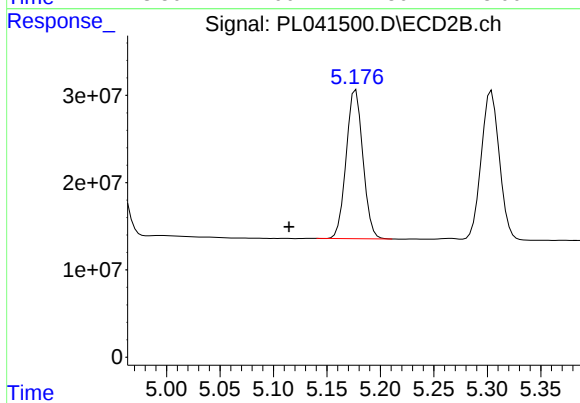
#21 Endrin ketone

R.T.: 7.869 min  
Delta R.T.: -0.002 min  
Response: 125991925  
Conc: 47.88 ng/ml



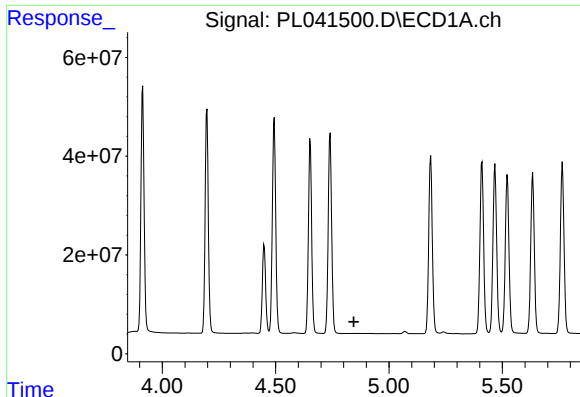
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

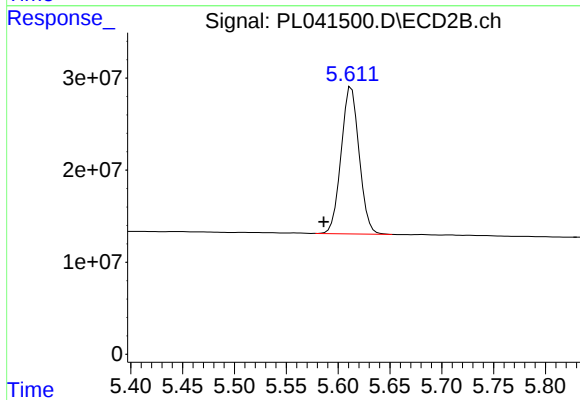
R.T.: 5.177 min  
Delta R.T.: 0.063 min  
Response: 185688665  
Conc: 1336.95 ng/ml



#24 Chlordane-2

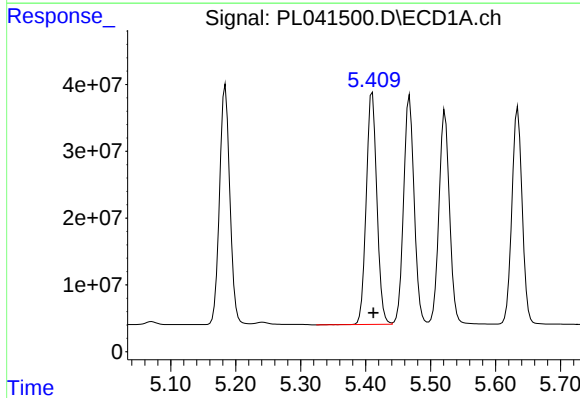
R.T.: 0.000 min  
Exp R.T.: 4.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



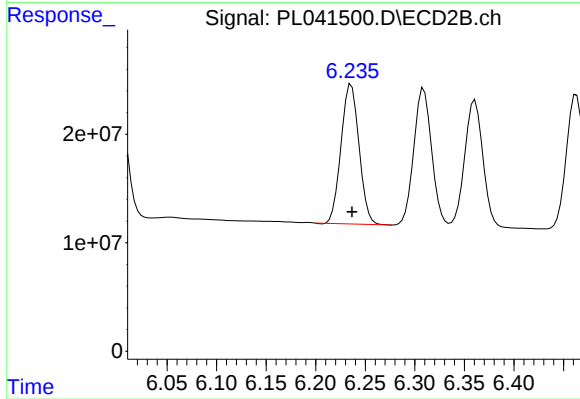
#24 Chlordane-2

R.T.: 5.613 min  
Delta R.T.: 0.027 min  
Response: 192915083  
Conc: 1451.75 ng/ml



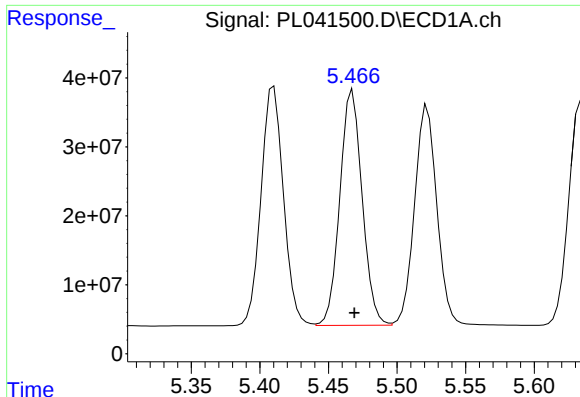
#25 Chlordane-3

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 394853248  
Conc: 443.02 ng/ml



#25 Chlordane-3

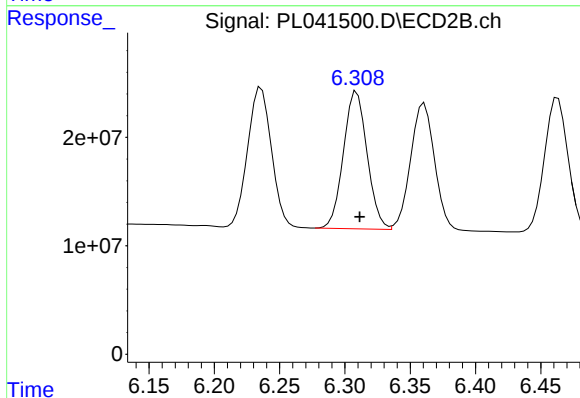
R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 162916054  
Conc: 362.01 ng/ml



#26 Chlordane-4

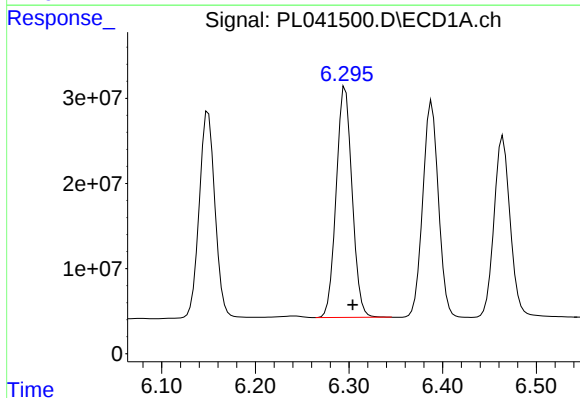
R.T.: 5.468 min  
Delta R.T.: -0.001 min  
Response: 386467738  
Conc: 493.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



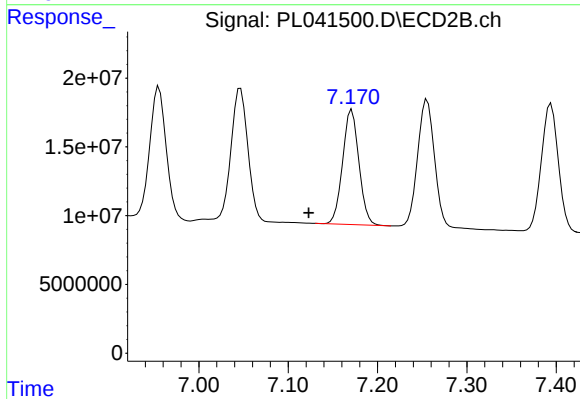
#26 Chlordane-4

R.T.: 6.309 min  
Delta R.T.: -0.002 min  
Response: 160034252  
Conc: 306.10 ng/ml



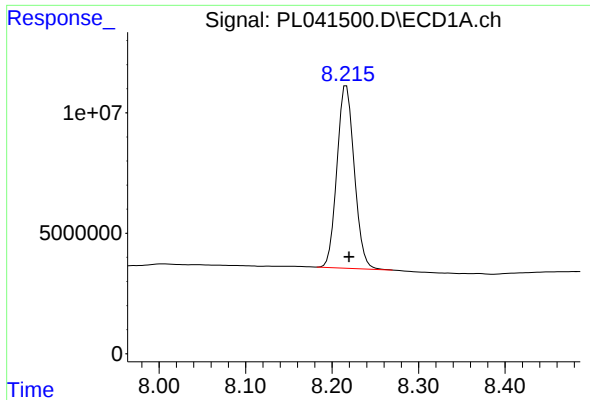
#27 Chlordane-5

R.T.: 6.296 min  
Delta R.T.: -0.008 min  
Response: 319848438  
Conc: 1282.66 ng/ml



#27 Chlordane-5

R.T.: 7.171 min  
Delta R.T.: 0.048 min  
Response: 105515078  
Conc: 1080.42 ng/ml



#28 Decachlorobiphenyl

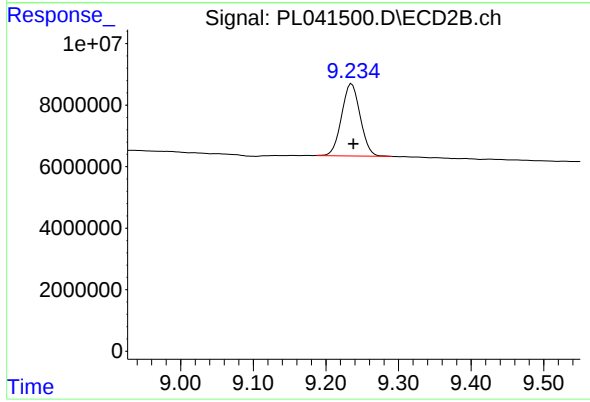
R.T.: 8.217 min

Delta R.T.: -0.003 min

Response: 104843124

Conc: 15.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.235 min

Delta R.T.: -0.002 min

Response: 41803734

Conc: 16.32 ng/ml