

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102918\  
 Data File : PL041483.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2018 01:15  
 Operator : AJ\SJ  
 Sample : J5696-03MSD 5X  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 02:45:28 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 | 17055016 | 8666048  | 2.677   | 2.813     |
| 28)                         | SA Decachlor... | 8.211 | 9.237 | 7269633  | 4577947  | 1.097   | 1.787 #   |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.914 | 4.500 | 81348386 | 40695783 | 8.373   | 8.872     |
| 3)                          | MA gamma-BHC... | 4.197 | 4.788 | 76650680 | 39959444 | 8.580   | 9.425     |
| 4)                          | MA Heptachlor   | 4.494 | 5.304 | 68573388 | 31293111 | 7.482   | 7.696     |
| 5)                          | MB Aldrin       | 4.741 | 5.613 | 48860042 | 28898156 | 5.788   | 7.566 #   |
| 6)                          | B beta-BHC      | 4.450 | 4.958 | 36281782 | 8778985  | 9.626   | 5.112 #   |
| 7)                          | B delta-BHC     | 4.653 | 5.177 | 60659246 | 34258937 | 7.303   | 8.483     |
| 8)                          | B Heptachlo...  | 5.184 | 6.001 | 62844846 | 49922457 | 7.783   | 14.200 #  |
| 9)                          | A Endosulfan I  | 5.523 | 6.361 | 49880962 | 25129481 | 6.703   | 8.086     |
| 10)                         | B gamma-Chl...  | 5.411 | 6.236 | 73402815 | 43164705 | 9.014   | 12.786 #  |
| 11)                         | B alpha-Chl...  | 5.468 | 6.310 | 65132104 | 38546144 | 8.045   | 11.389 #  |
| 12)                         | B 4,4'-DDE      | 5.634 | 6.463 | 39924200 | 26409232 | 5.578   | 8.070 #   |
| 13)                         | MA Dieldrin     | 5.765 | 6.620 | 75978519 | 29863064 | 9.555   | 9.264     |
| 14)                         | MA Endrin       | 6.022 | 6.839 | 55623733 | 21206994 | 7.605   | 7.801     |
| 15)                         | B Endosulfa...  | 6.297 | 7.047 | 58480235 | 23484543 | 8.461   | 8.681     |
| 16)                         | A 4,4'-DDD      | 6.150 | 6.956 | 37721076 | 30753780 | 6.491   | 12.352 #  |
| 17)                         | MA 4,4'-DDT     | 6.388 | 7.256 | 44845077 | 16197945 | 7.371   | 6.443     |
| 18)                         | B Endrin al...  | 6.466 | 7.172 | 38087214 | 18643546 | 6.915   | 8.517     |
| 19)                         | B Endosulfa...  | 6.677 | 7.395 | 62941250 | 20997607 | 9.856   | 8.461     |
| 20)                         | A Methoxychlor  | 6.936 | 7.712 | 29362767 | 10630705 | 8.735   | 8.206     |
| 21)                         | B Endrin ke...  | 7.168 | 7.870 | 52464842 | 23753448 | 7.269   | 9.026     |
| 23)                         | Chlordane-1     | 4.348 | 5.177 | 4838404  | 34258937 | 17.064  | 246.663 # |
| 24)                         | Chlordane-2     | 4.844 | 5.613 | 5785052  | 28898156 | 19.644  | 217.468 # |
| 25)                         | Chlordane-3     | 5.411 | 6.236 | 73402815 | 43164705 | 82.356  | 95.915    |
| 26)                         | Chlordane-4     | 5.468 | 6.310 | 65132104 | 38546144 | 83.188  | 73.727    |
| 27)                         | Chlordane-5     | 6.297 | 7.172 | 58480235 | 18643546 | 234.518 | 190.900   |
| -----                       |                 |       |       |          |          |         |           |

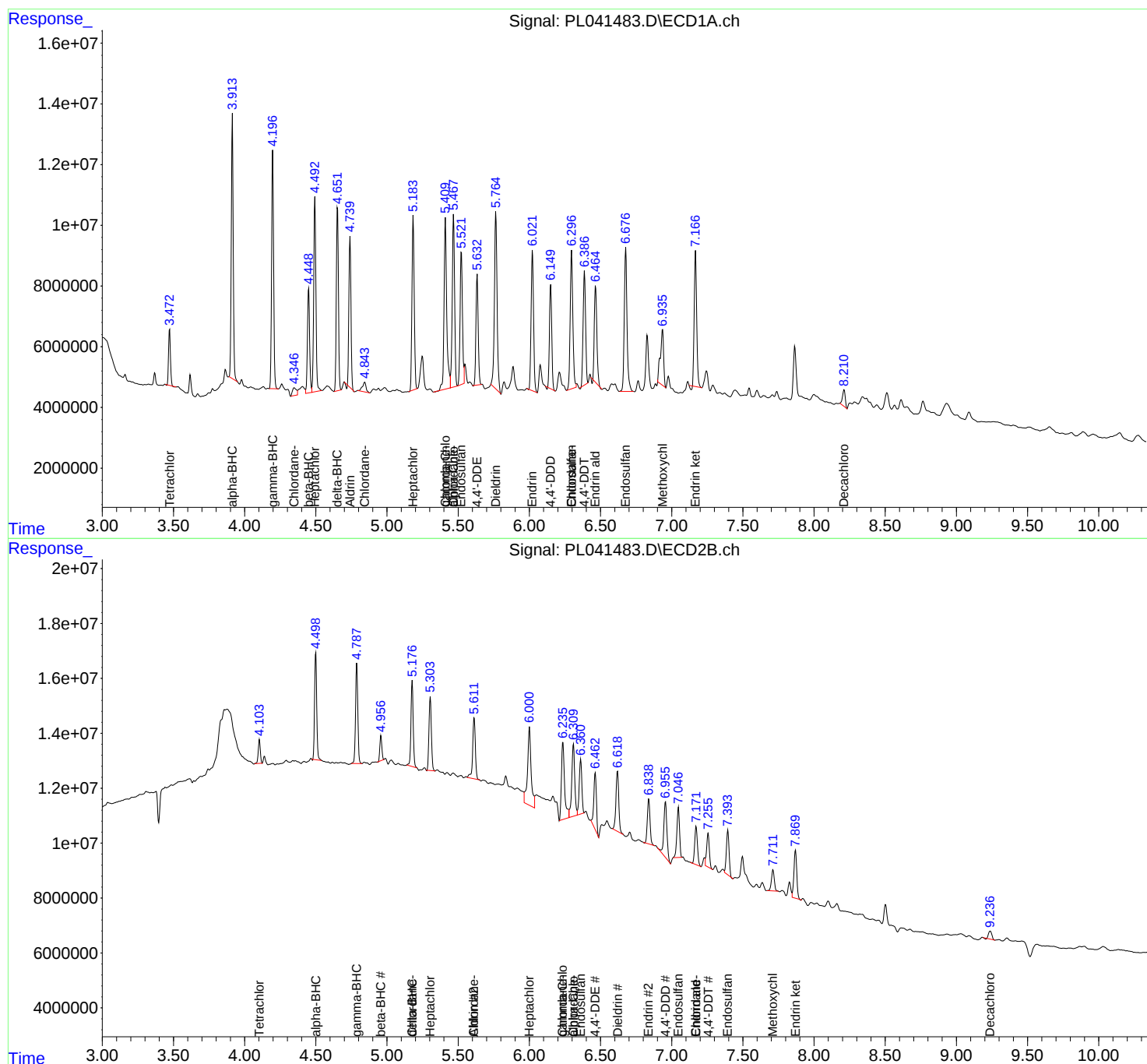
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

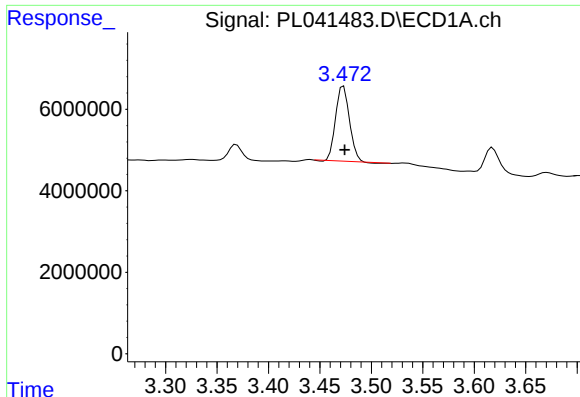
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102918\  
Data File : PL041483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2018 01:15  
Operator : AJ\SJ  
Sample : J5696-03MSD 5X  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 02:45:28 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

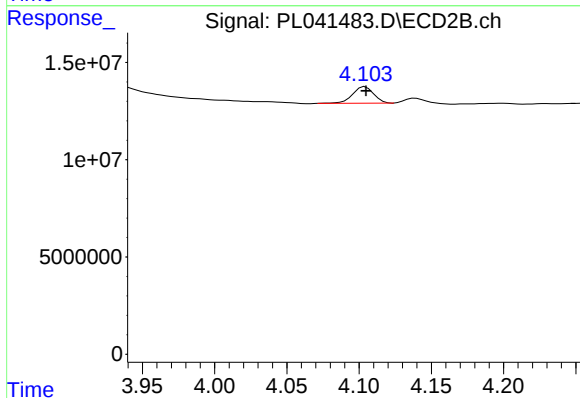




#1 Tetrachloro-m-xylene

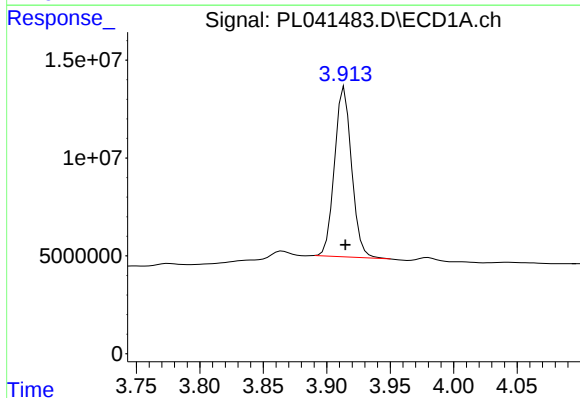
R.T.: 3.473 min  
Delta R.T.: 0.000 min  
Response: 17055016  
Conc: 2.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



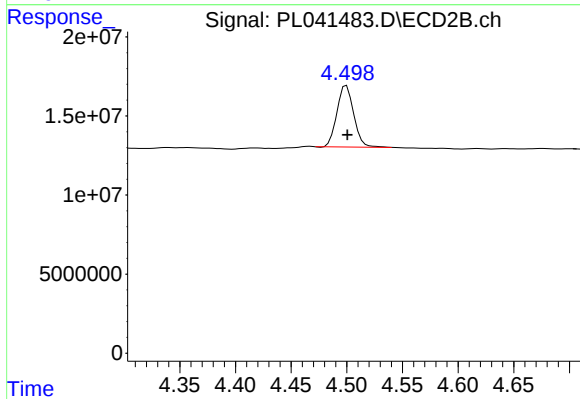
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 8666048  
Conc: 2.81 ng/ml



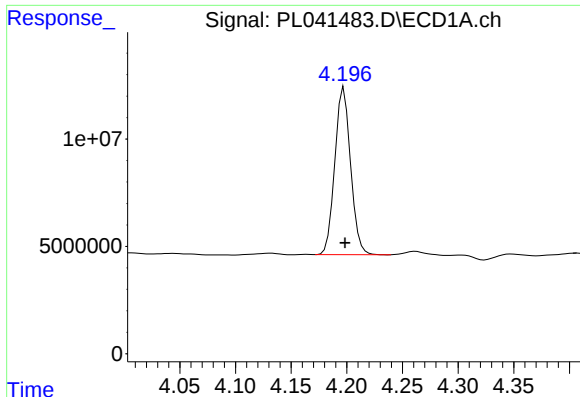
#2 alpha-BHC

R.T.: 3.914 min  
Delta R.T.: 0.000 min  
Response: 81348386  
Conc: 8.37 ng/ml



#2 alpha-BHC

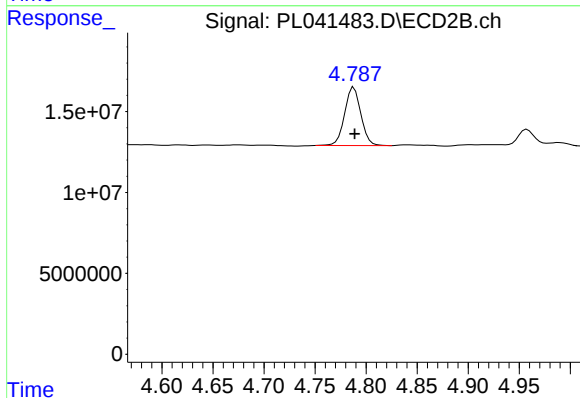
R.T.: 4.500 min  
Delta R.T.: 0.000 min  
Response: 40695783  
Conc: 8.87 ng/ml



#3 gamma-BHC (Lindane)

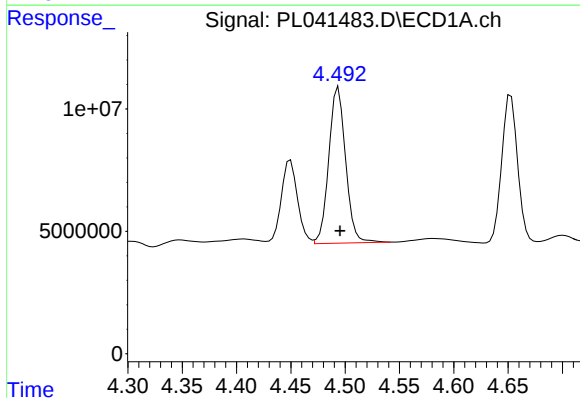
R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 76650680  
Conc: 8.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



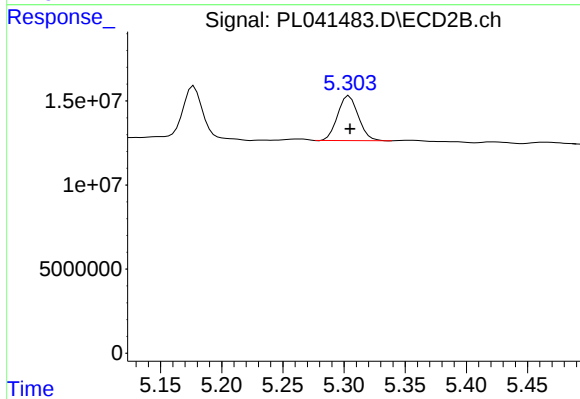
#3 gamma-BHC (Lindane)

R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 39959444  
Conc: 9.43 ng/ml



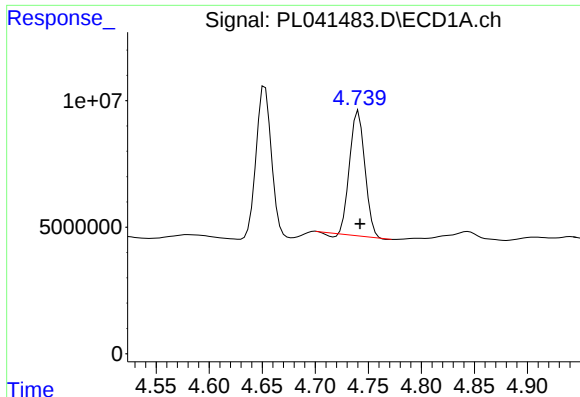
#4 Heptachlor

R.T.: 4.494 min  
Delta R.T.: -0.001 min  
Response: 68573388  
Conc: 7.48 ng/ml



#4 Heptachlor

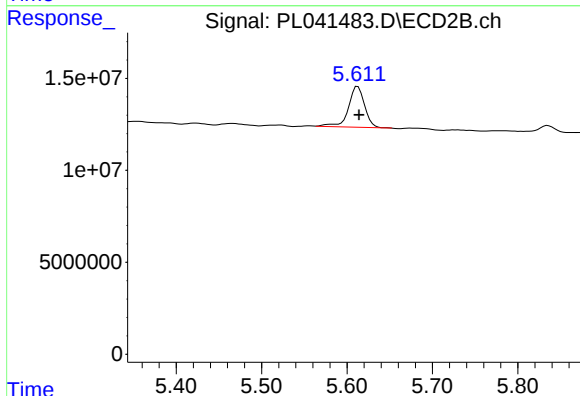
R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 31293111  
Conc: 7.70 ng/ml



#5 Aldrin

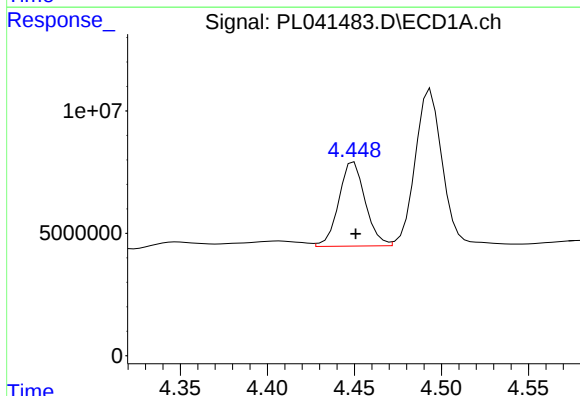
R.T.: 4.741 min  
Delta R.T.: -0.001 min  
Response: 48860042  
Conc: 5.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



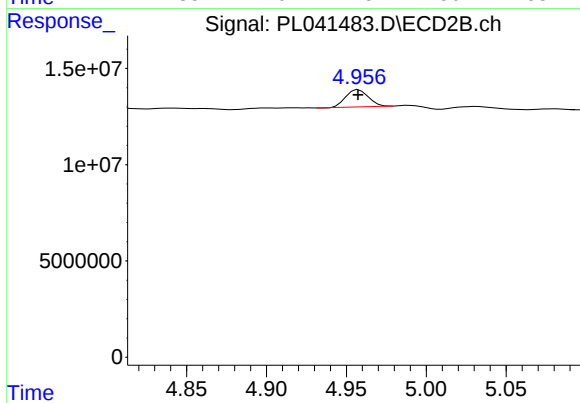
#5 Aldrin

R.T.: 5.613 min  
Delta R.T.: -0.001 min  
Response: 28898156  
Conc: 7.57 ng/ml



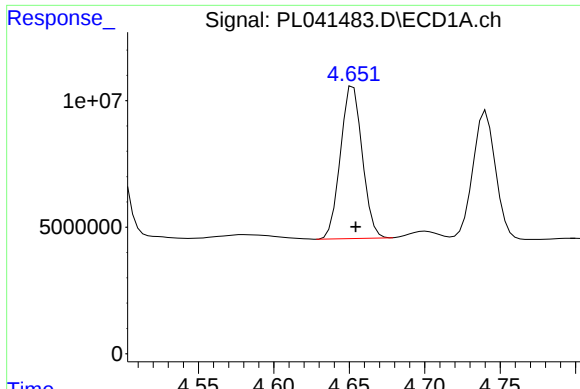
#6 beta-BHC

R.T.: 4.450 min  
Delta R.T.: -0.001 min  
Response: 36281782  
Conc: 9.63 ng/ml



#6 beta-BHC

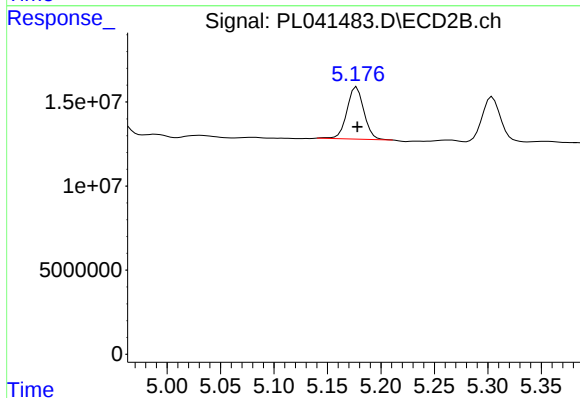
R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 8778985  
Conc: 5.11 ng/ml



#7 delta-BHC

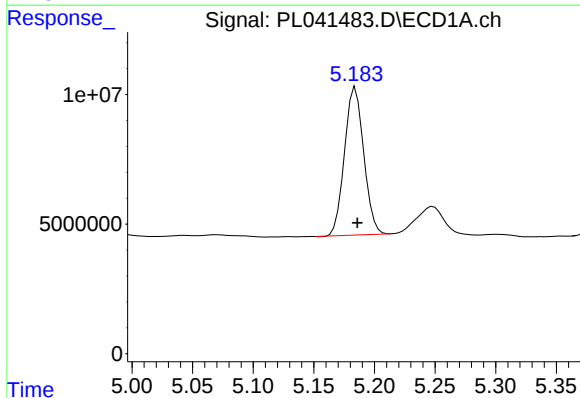
R.T.: 4.653 min  
Delta R.T.: -0.002 min  
Response: 60659246  
Conc: 7.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



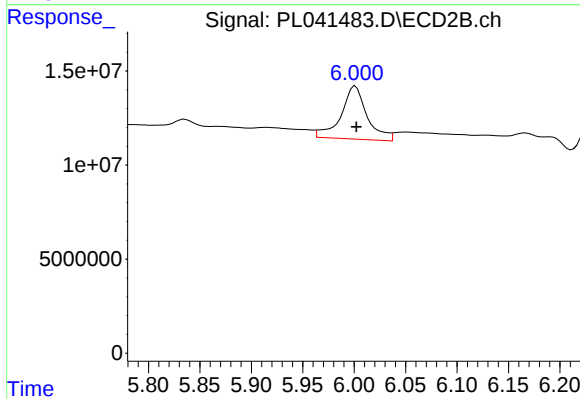
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 34258937  
Conc: 8.48 ng/ml



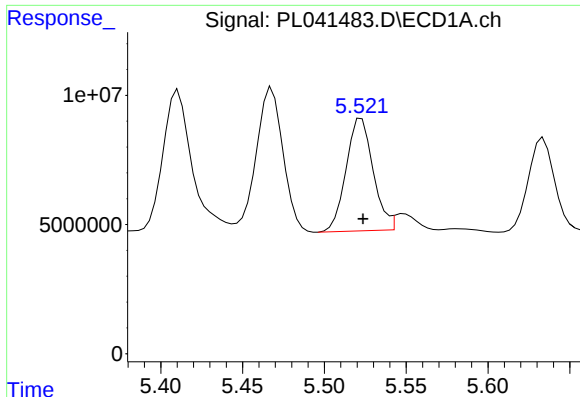
#8 Heptachlor epoxide

R.T.: 5.184 min  
Delta R.T.: -0.001 min  
Response: 62844846  
Conc: 7.78 ng/ml



#8 Heptachlor epoxide

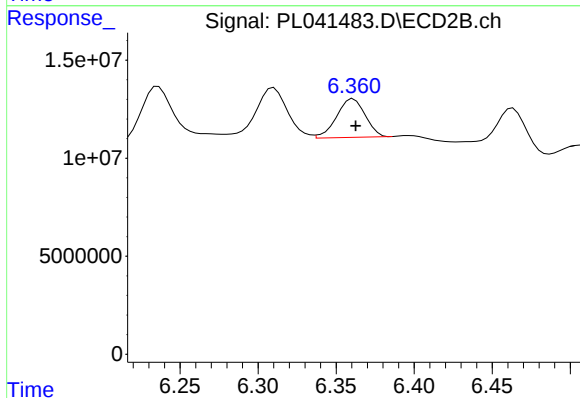
R.T.: 6.001 min  
Delta R.T.: 0.000 min  
Response: 49922457  
Conc: 14.20 ng/ml



#9 Endosulfan I

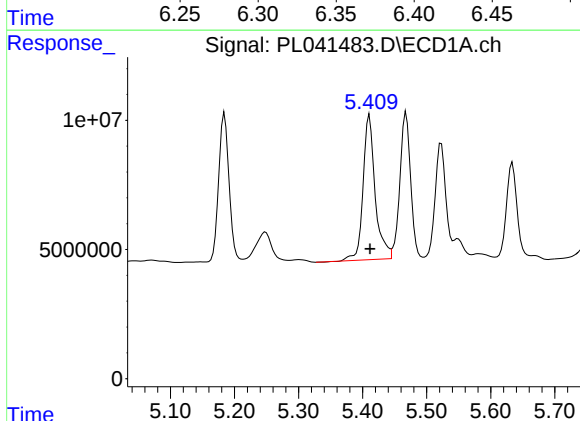
R.T.: 5.523 min  
Delta R.T.: 0.000 min  
Response: 49880962  
Conc: 6.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



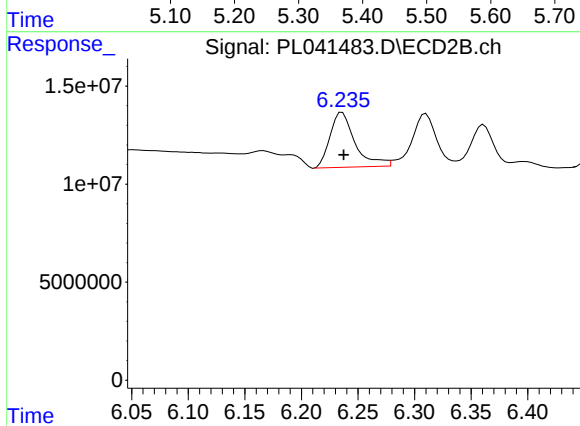
#9 Endosulfan I

R.T.: 6.361 min  
Delta R.T.: -0.001 min  
Response: 25129481  
Conc: 8.09 ng/ml



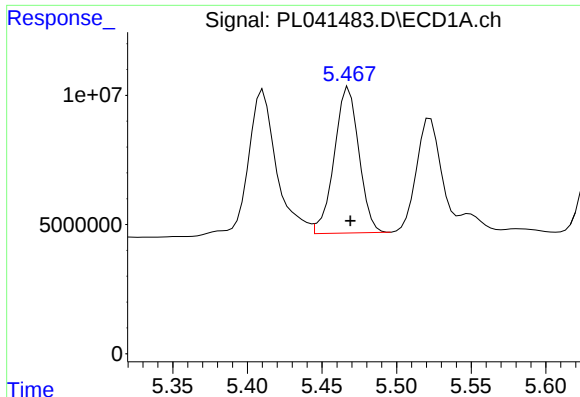
#10 gamma-Chlordane

R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 73402815  
Conc: 9.01 ng/ml



#10 gamma-Chlordane

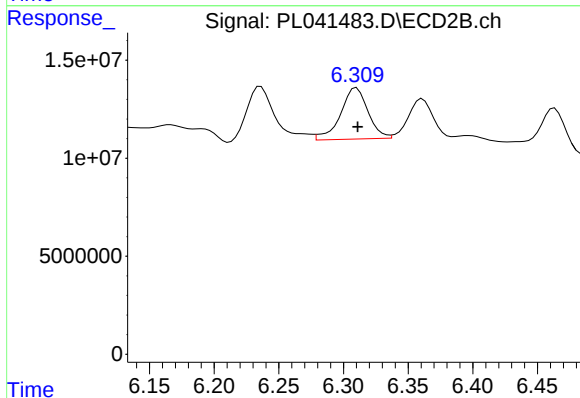
R.T.: 6.236 min  
Delta R.T.: -0.001 min  
Response: 43164705  
Conc: 12.79 ng/ml



#11 alpha-Chlordane

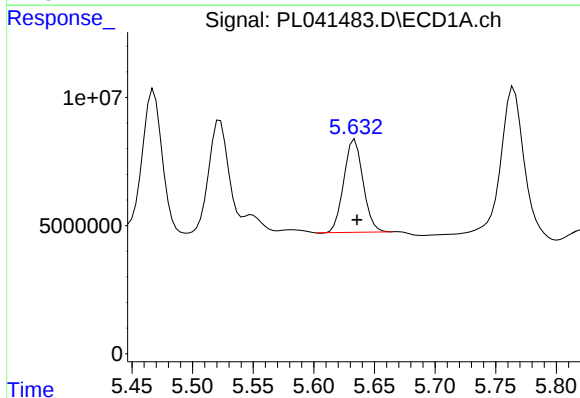
R.T.: 5.468 min  
Delta R.T.: -0.001 min  
Response: 65132104  
Conc: 8.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



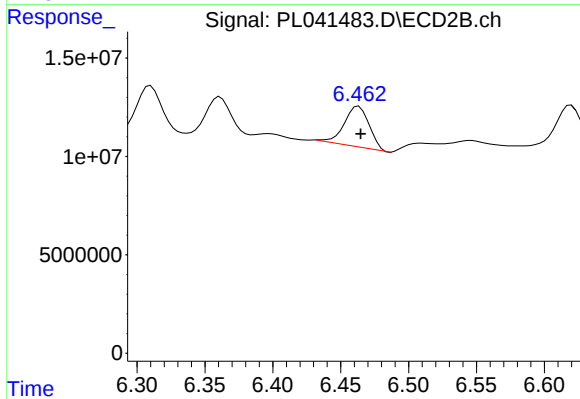
#11 alpha-Chlordane

R.T.: 6.310 min  
Delta R.T.: -0.001 min  
Response: 38546144  
Conc: 11.39 ng/ml



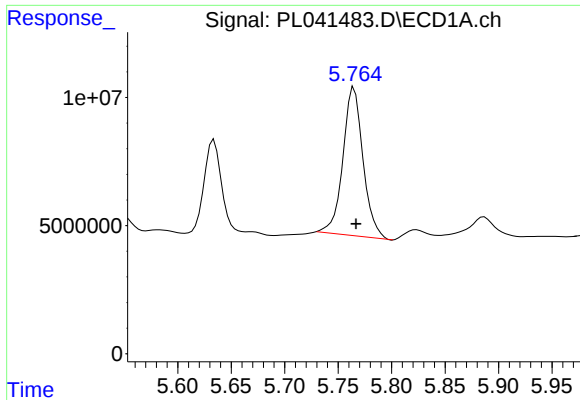
#12 4,4'-DDE

R.T.: 5.634 min  
Delta R.T.: -0.002 min  
Response: 39924200  
Conc: 5.58 ng/ml



#12 4,4'-DDE

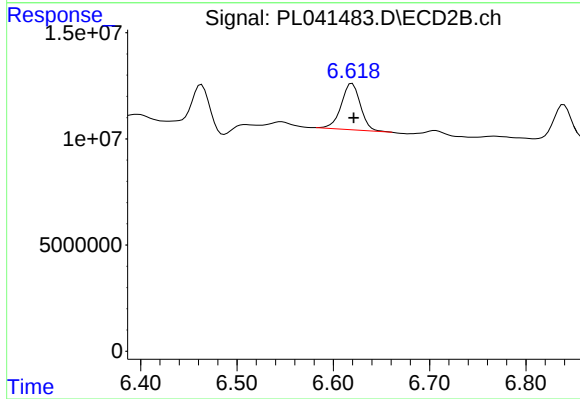
R.T.: 6.463 min  
Delta R.T.: -0.001 min  
Response: 26409232  
Conc: 8.07 ng/ml



#13 Dieldrin

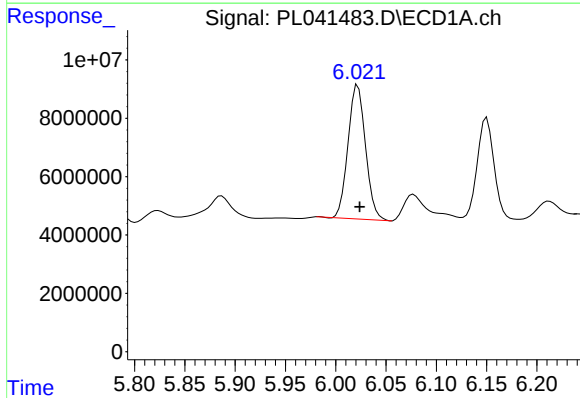
R.T.: 5.765 min  
Delta R.T.: -0.002 min  
Response: 75978519  
Conc: 9.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



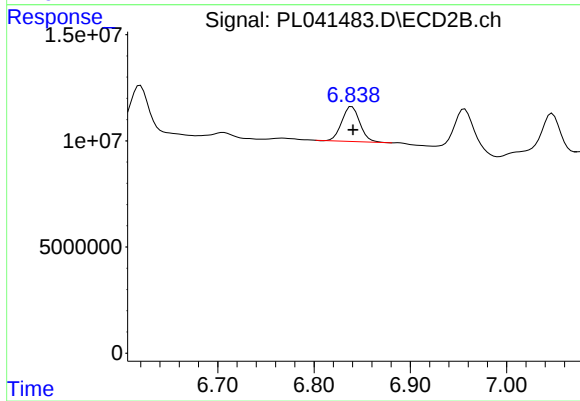
#13 Dieldrin

R.T.: 6.620 min  
Delta R.T.: -0.002 min  
Response: 29863064  
Conc: 9.26 ng/ml



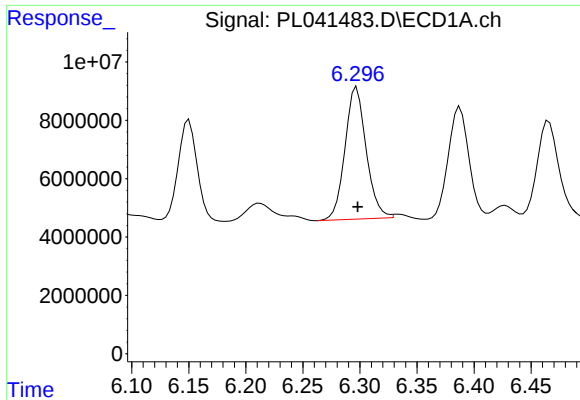
#14 Endrin

R.T.: 6.022 min  
Delta R.T.: -0.002 min  
Response: 55623733  
Conc: 7.60 ng/ml



#14 Endrin

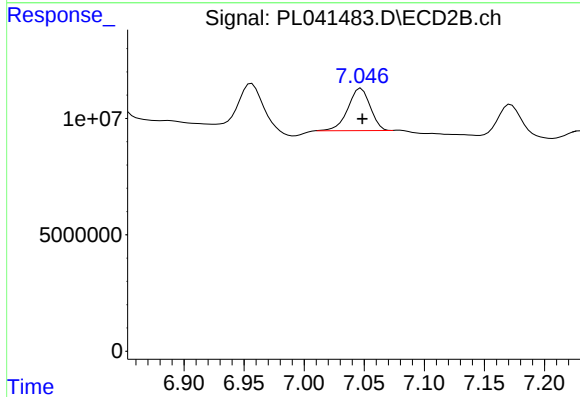
R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 21206994  
Conc: 7.80 ng/ml



#15 Endosulfan II

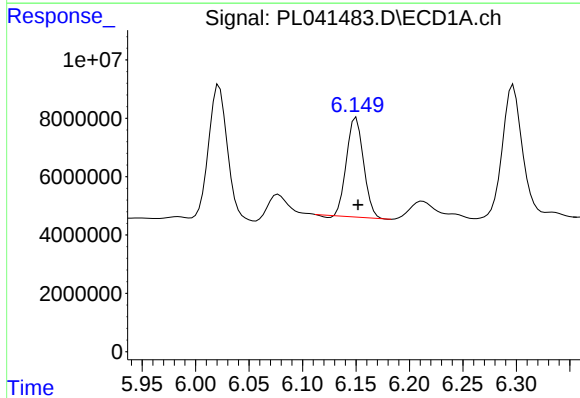
R.T.: 6.297 min  
Delta R.T.: 0.000 min  
Response: 58480235  
Conc: 8.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



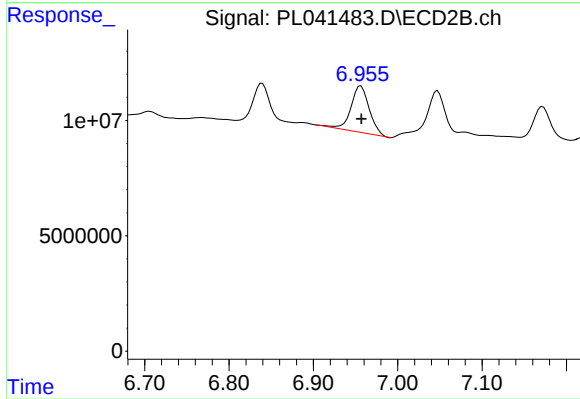
#15 Endosulfan II

R.T.: 7.047 min  
Delta R.T.: -0.001 min  
Response: 23484543  
Conc: 8.68 ng/ml



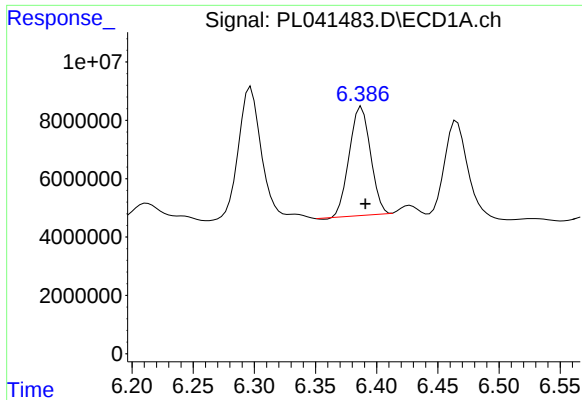
#16 4,4'-DDD

R.T.: 6.150 min  
Delta R.T.: -0.002 min  
Response: 37721076  
Conc: 6.49 ng/ml



#16 4,4'-DDD

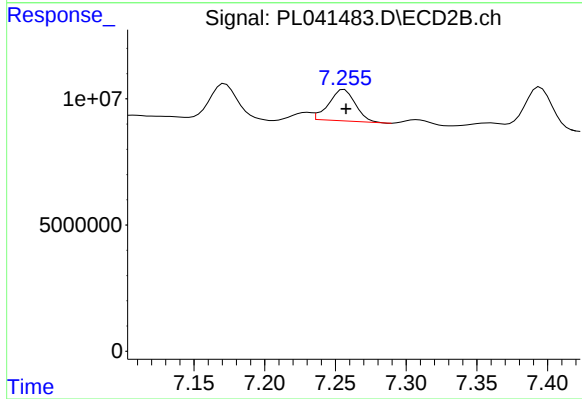
R.T.: 6.956 min  
Delta R.T.: 0.000 min  
Response: 30753780  
Conc: 12.35 ng/ml



#17 4,4'-DDT

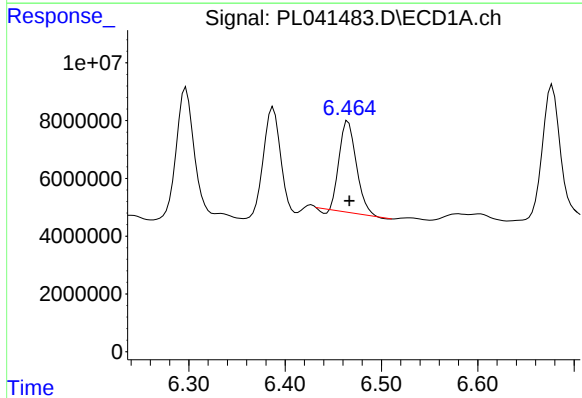
R.T.: 6.388 min  
Delta R.T.: -0.003 min  
Response: 44845077  
Conc: 7.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



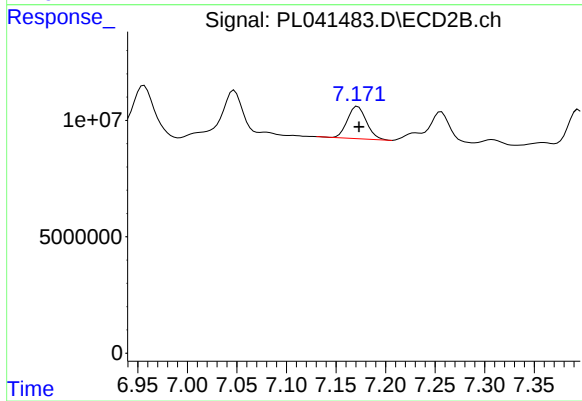
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: -0.001 min  
Response: 16197945  
Conc: 6.44 ng/ml



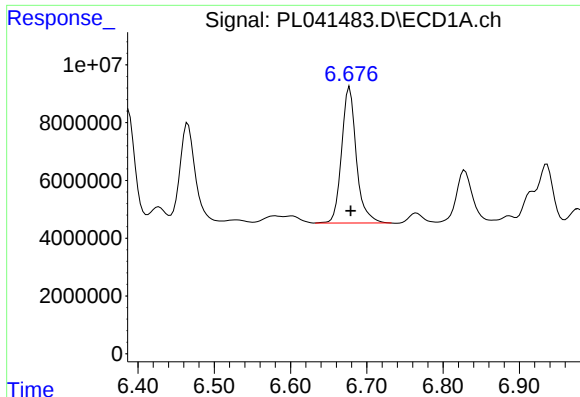
#18 Endrin aldehyde

R.T.: 6.466 min  
Delta R.T.: -0.001 min  
Response: 38087214  
Conc: 6.92 ng/ml



#18 Endrin aldehyde

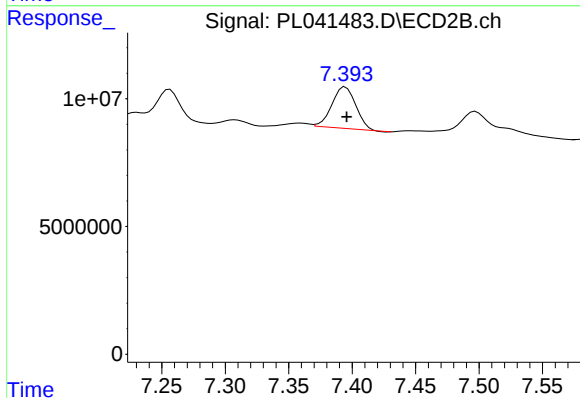
R.T.: 7.172 min  
Delta R.T.: -0.001 min  
Response: 18643546  
Conc: 8.52 ng/ml



#19 Endosulfan Sulfate

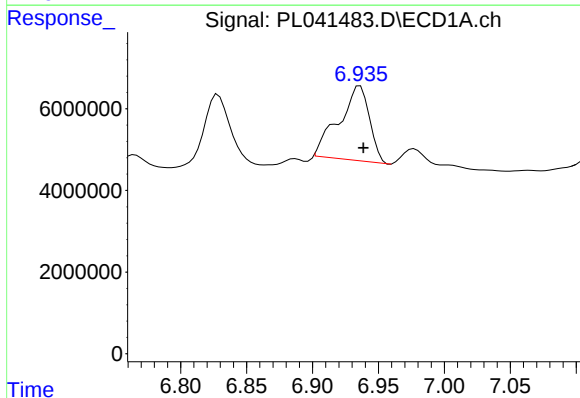
R.T.: 6.677 min  
Delta R.T.: -0.002 min  
Response: 62941250  
Conc: 9.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



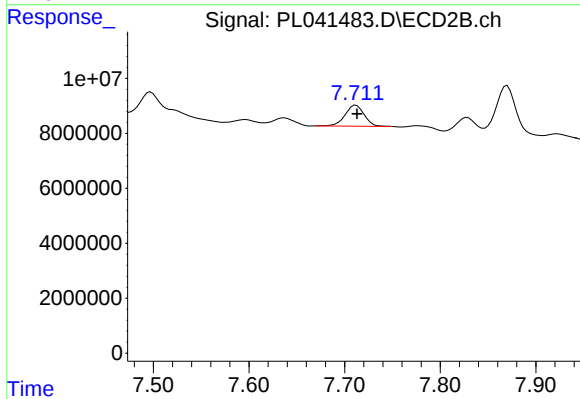
#19 Endosulfan Sulfate

R.T.: 7.395 min  
Delta R.T.: -0.001 min  
Response: 20997607  
Conc: 8.46 ng/ml



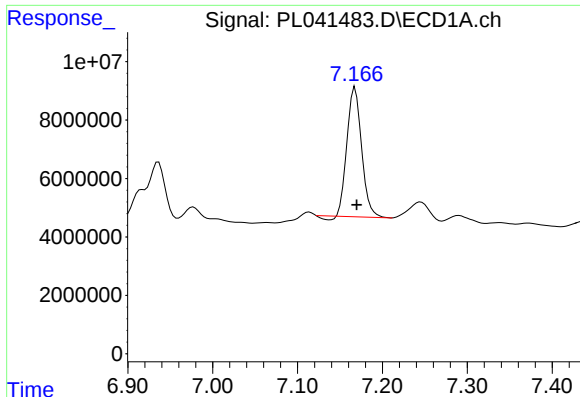
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: -0.003 min  
Response: 29362767  
Conc: 8.73 ng/ml



#20 Methoxychlor

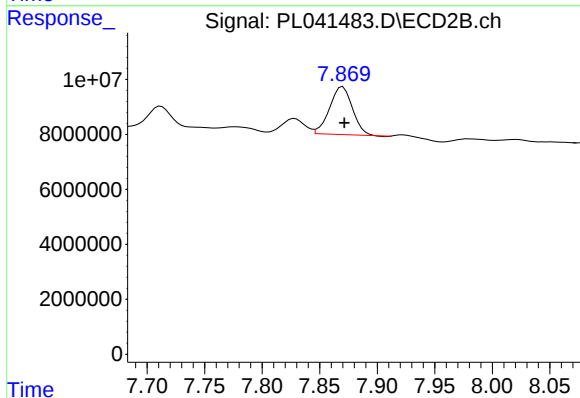
R.T.: 7.712 min  
Delta R.T.: -0.001 min  
Response: 10630705  
Conc: 8.21 ng/ml



#21 Endrin ketone

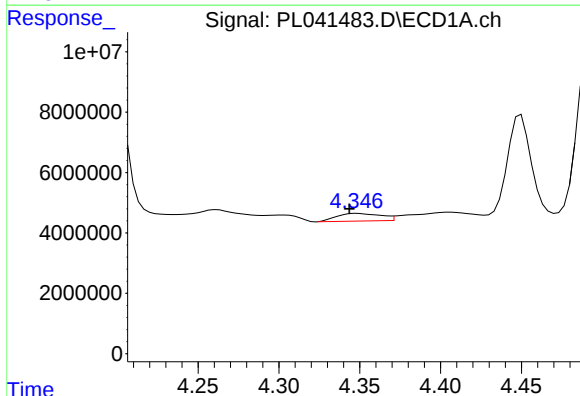
R.T.: 7.168 min  
Delta R.T.: -0.002 min  
Response: 52464842  
Conc: 7.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



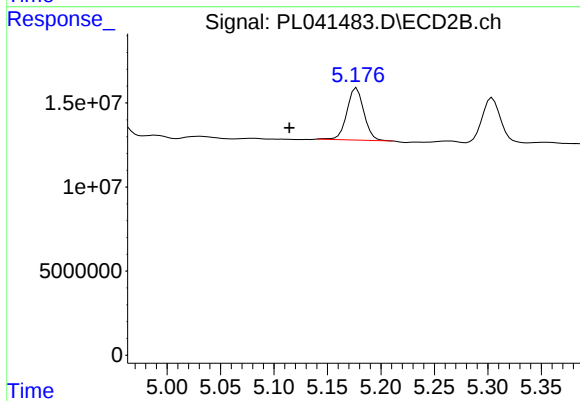
#21 Endrin ketone

R.T.: 7.870 min  
Delta R.T.: -0.001 min  
Response: 23753448  
Conc: 9.03 ng/ml



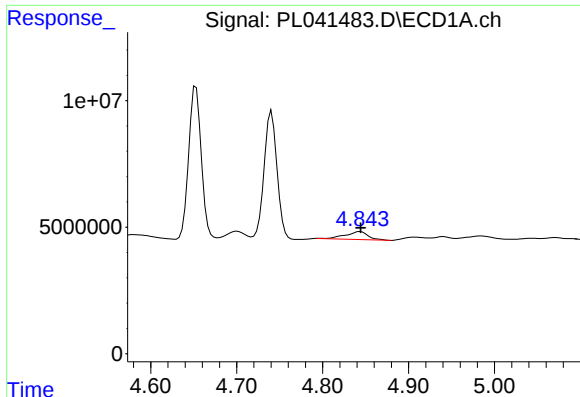
#23 Chlordane-1

R.T.: 4.348 min  
Delta R.T.: 0.005 min  
Response: 4838404  
Conc: 17.06 ng/ml



#23 Chlordane-1

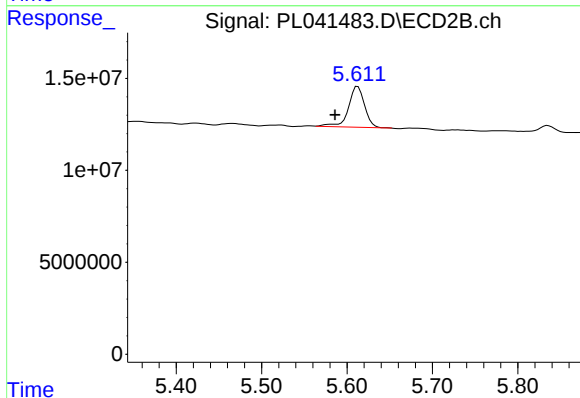
R.T.: 5.177 min  
Delta R.T.: 0.063 min  
Response: 34258937  
Conc: 246.66 ng/ml



#24 Chlordane-2

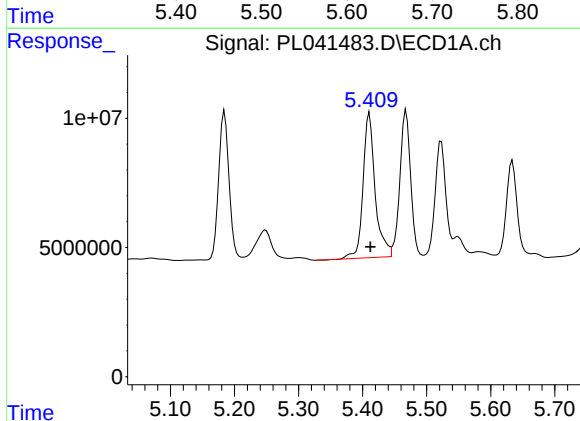
R.T.: 4.844 min  
Delta R.T.: 0.000 min  
Response: 5785052  
Conc: 19.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



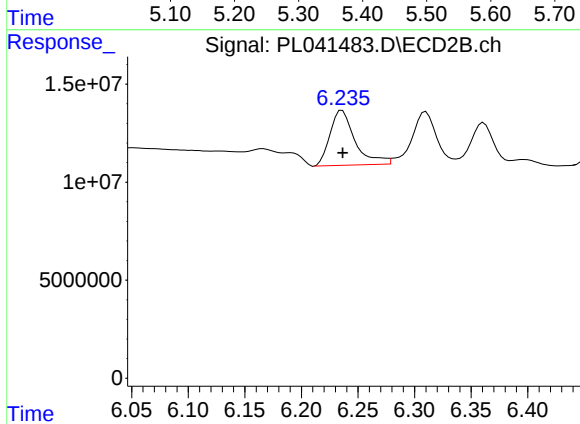
#24 Chlordane-2

R.T.: 5.613 min  
Delta R.T.: 0.027 min  
Response: 28898156  
Conc: 217.47 ng/ml



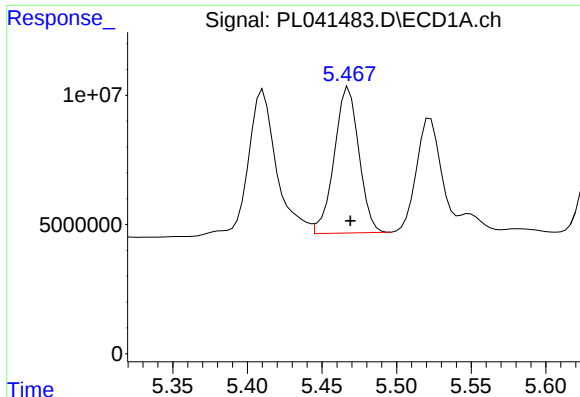
#25 Chlordane-3

R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 73402815  
Conc: 82.36 ng/ml



#25 Chlordane-3

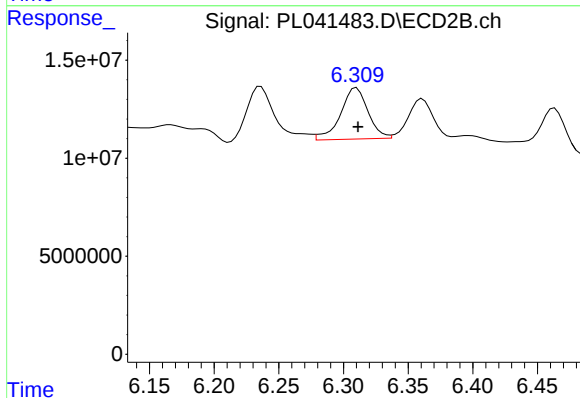
R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 43164705  
Conc: 95.92 ng/ml



#26 Chlordane-4

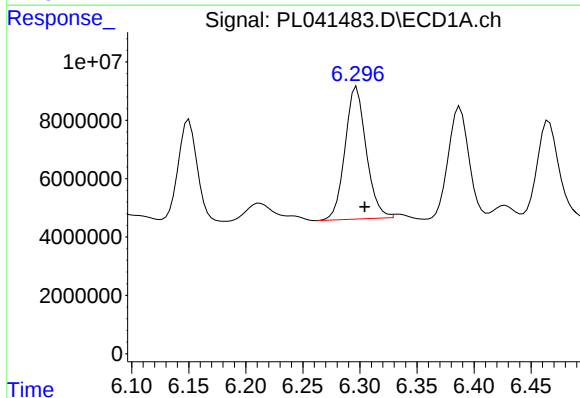
R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 65132104  
Conc: 83.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



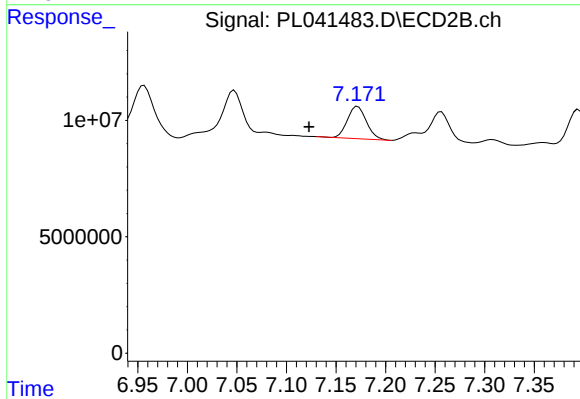
#26 Chlordane-4

R.T.: 6.310 min  
Delta R.T.: -0.001 min  
Response: 38546144  
Conc: 73.73 ng/ml



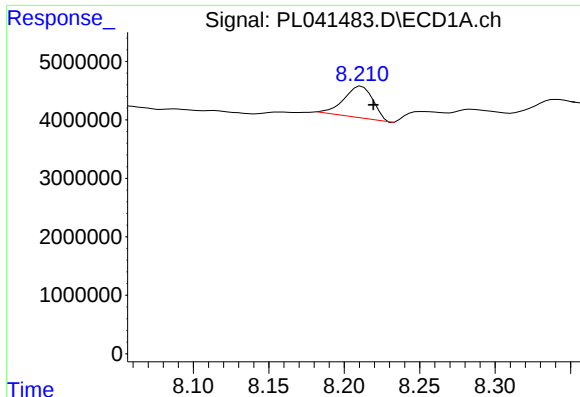
#27 Chlordane-5

R.T.: 6.297 min  
Delta R.T.: -0.007 min  
Response: 58480235  
Conc: 234.52 ng/ml



#27 Chlordane-5

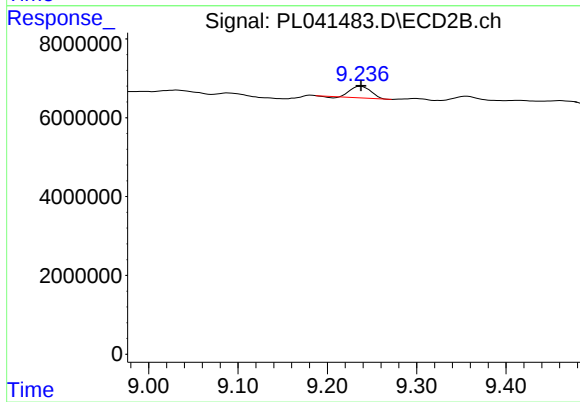
R.T.: 7.172 min  
Delta R.T.: 0.049 min  
Response: 18643546  
Conc: 190.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.211 min  
Delta R.T.: -0.008 min  
Response: 7269633  
Conc: 1.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.237 min  
Delta R.T.: 0.000 min  
Response: 4577947  
Conc: 1.79 ng/ml