

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031521\  
 Data File : PL065305.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2021 15:14  
 Operator : AR\AJ  
 Sample : PB135156BS  
 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: Mar 16 02:06:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031321.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 13 01:11:50 2021  
 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... | 3.293 | 3.884  | 46688517 | 56895581 | 19.817   | 20.655     |
| 28)                         | SA Decachlor... | 7.938 | 8.893  | 46620101 | 37842756 | 21.634   | 20.598     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.718 | 4.275  | 200.9E6  | 215.9E6  | 49.820   | 50.814     |
| 3)                          | MA gamma-BHC... | 3.991 | 4.559  | 182.9E6  | 194.7E6  | 49.506   | 50.664     |
| 4)                          | MA Heptachlor   | 4.277 | 5.053  | 159.8E6  | 168.1E6  | 44.507   | 46.990     |
| 5)                          | MB Aldrin       | 4.515 | 5.354  | 163.1E6  | 166.7E6  | 47.922   | 48.049     |
| 6)                          | B beta-BHC      | 4.241 | 4.742  | 69046127 | 81208475 | 45.236   | 46.529     |
| 7)                          | B delta-BHC     | 4.435 | 4.953  | 176.7E6  | 177.0E6  | 48.606   | 46.289     |
| 8)                          | B Heptachlo...  | 4.948 | 5.743  | 150.8E6  | 152.9E6  | 46.851   | 51.273     |
| 9)                          | A Endosulfan I  | 5.276 | 6.098  | 134.0E6  | 140.7E6  | 47.769   | 50.515     |
| 10)                         | B gamma-Chl...  | 5.169 | 5.976  | 144.3E6  | 150.7E6  | 45.611   | 50.498     |
| 11)                         | B alpha-Chl...  | 5.226 | 6.046  | 142.4E6  | 147.6E6  | 47.014   | 50.695     |
| 12)                         | B 4,4'-DDE      | 5.392 | 6.209  | 129.8E6  | 142.3E6  | 43.839   | 51.283     |
| 13)                         | MA Dieldrin     | 5.514 | 6.355  | 142.5E6  | 149.7E6  | 47.806   | 50.904     |
| 14)                         | MA Endrin       | 5.764 | 6.573  | 116.4E6  | 116.3E6  | 45.966   | 51.400     |
| 15)                         | B Endosulfa...  | 6.036 | 6.789  | 130.6E6  | 126.5E6  | 53.317   | 56.614     |
| 16)                         | A 4,4'-DDD      | 5.899 | 6.702  | 116.1E6  | 124.0E6  | 48.978   | 51.100     |
| 17)                         | MA 4,4'-DDT     | 6.133 | 6.997  | 84037914 | 92562262 | 43.349   | 45.601     |
| 18)                         | B Endrin al...  | 6.203 | 6.914  | 109.8E6  | 104.8E6  | 54.030   | 58.002     |
| 19)                         | B Endosulfa...  | 6.414 | 7.136  | 128.5E6  | 116.4E6  | 50.351   | 49.585     |
| 20)                         | A Methoxychlor  | 6.679 | 7.461  | 47797523 | 46355997 | 51.143   | 49.970     |
| 21)                         | B Endrin ke...  | 6.892 | 7.607  | 145.8E6  | 131.7E6  | 51.228   | 50.392     |
| 22)                         | Mirex           | 7.064 | 8.045  | 104.7E6  | 83770855 | 54.331   | 52.307     |
| 24)                         | Chlordane-2     | 0.000 | 5.354f | 0        | 166.7E6  | N.D.     | 1619.395 # |
| 25)                         | Chlordane-3     | 5.169 | 5.976  | 144.3E6  | 150.7E6  | 479.651  | 368.794    |
| 26)                         | Chlordane-4     | 5.226 | 6.046  | 142.4E6  | 147.6E6  | 523.483  | 311.271 #  |
| 27)                         | Chlordane-5     | 6.036 | 0.000  | 130.6E6  | 0        | 1439.029 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

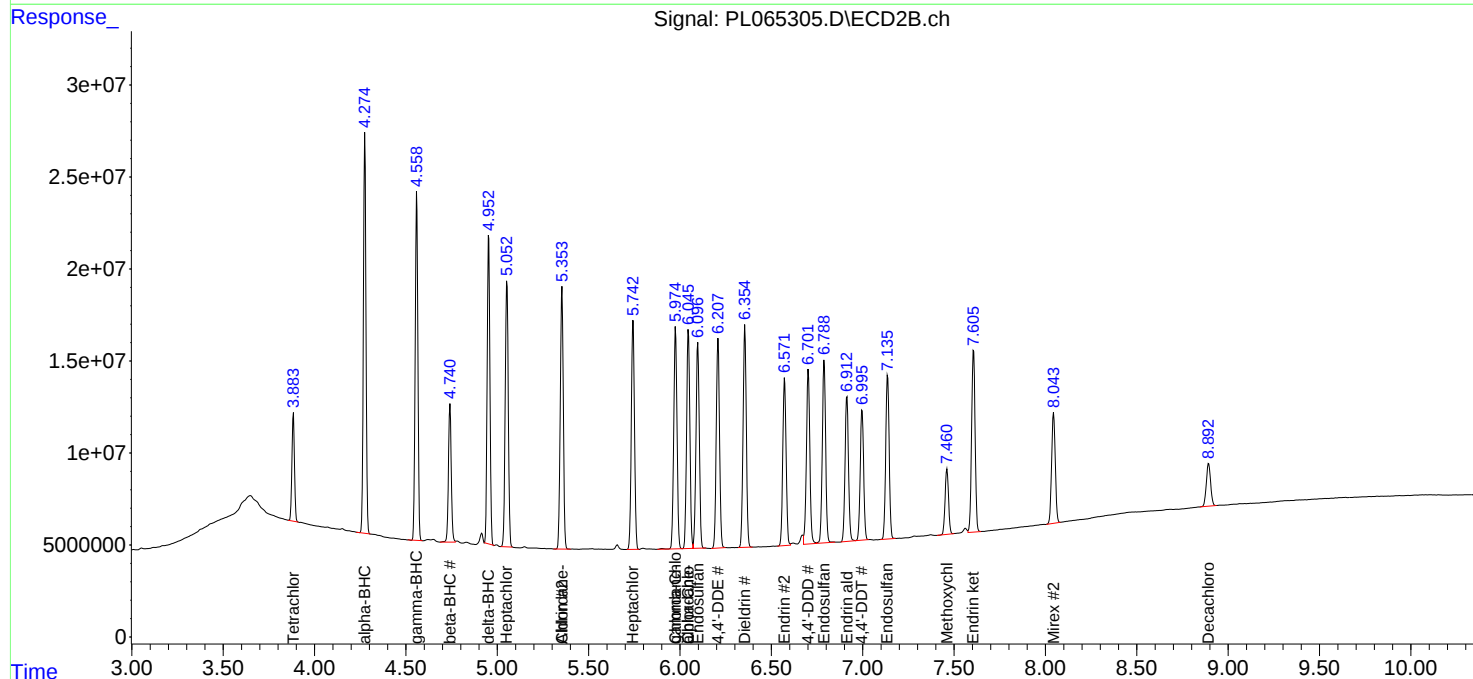
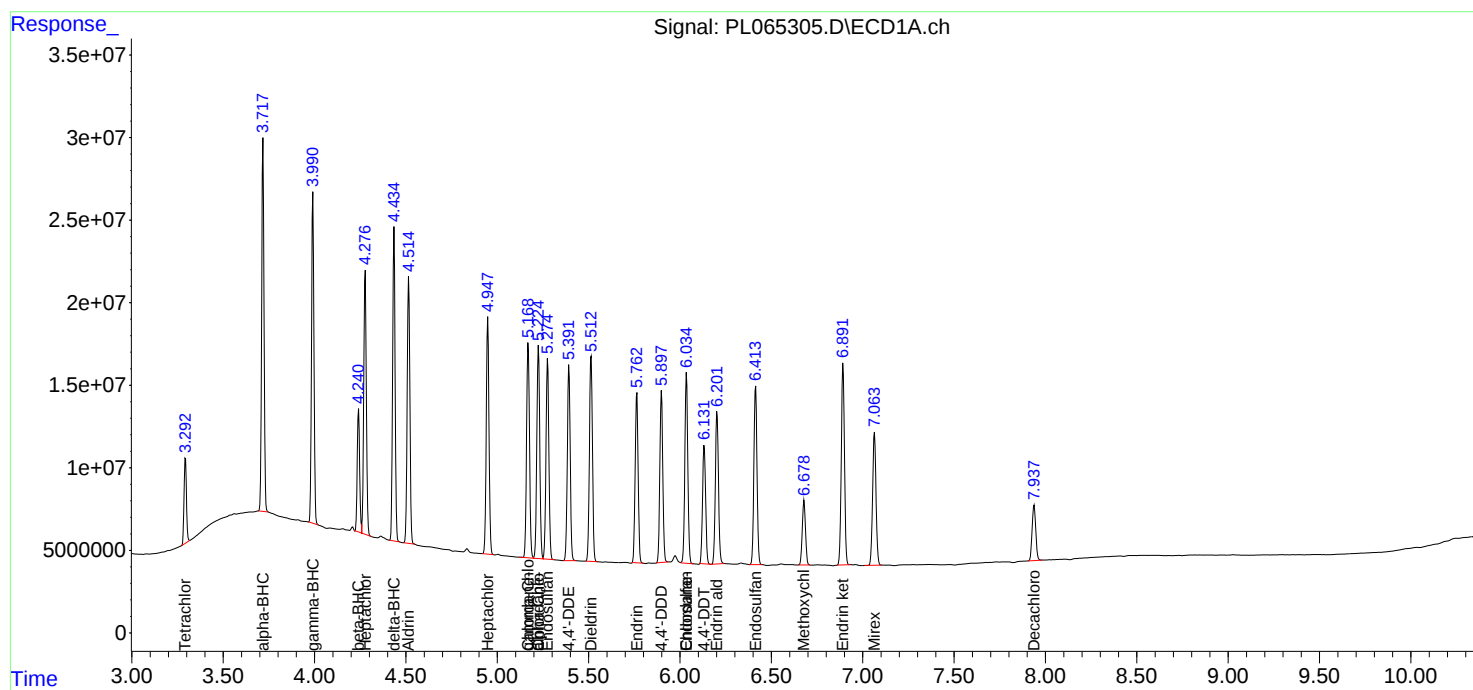
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

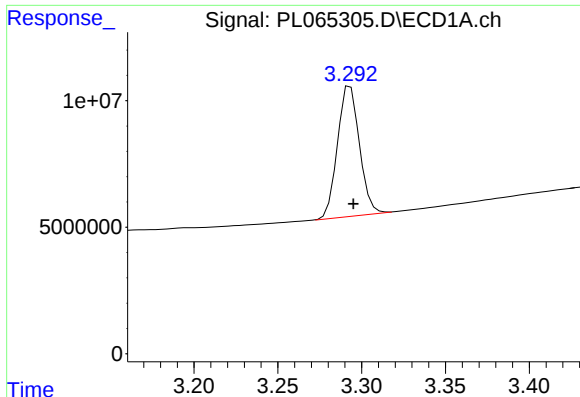
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031521\  
Data File : PL065305.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2021 15:14  
Operator : AR\AJ  
Sample : PB135156BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 02:06:25 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031321.M  
Quant Title : GC Extractables  
QLast Update : Sat Mar 13 01:11:50 2021  
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

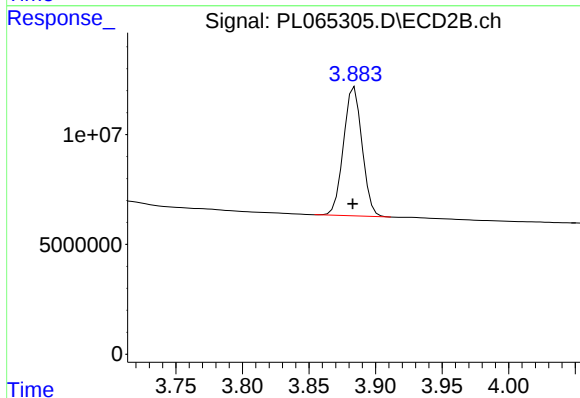




#1 Tetrachloro-m-xylene

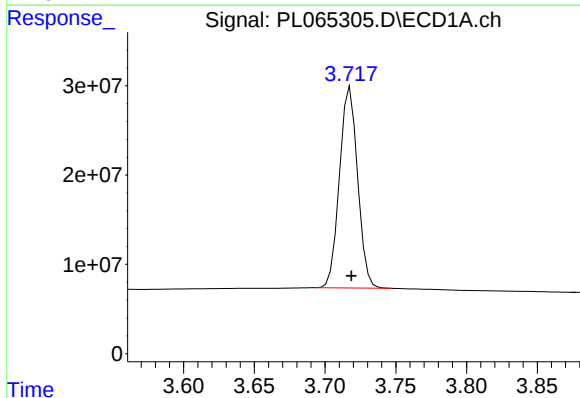
R.T.: 3.293 min  
Delta R.T.: -0.002 min  
Response: 46688517  
Conc: 19.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



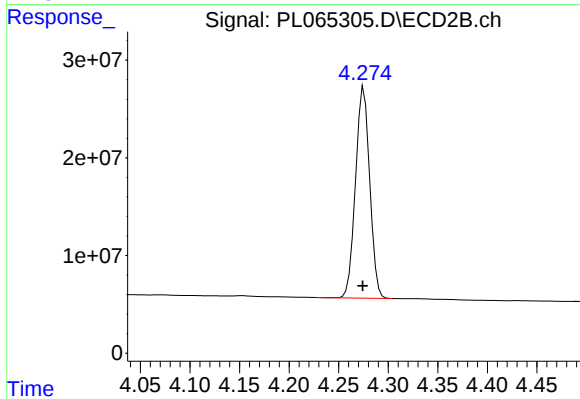
#1 Tetrachloro-m-xylene

R.T.: 3.884 min  
Delta R.T.: 0.002 min  
Response: 56895581  
Conc: 20.66 ng/ml



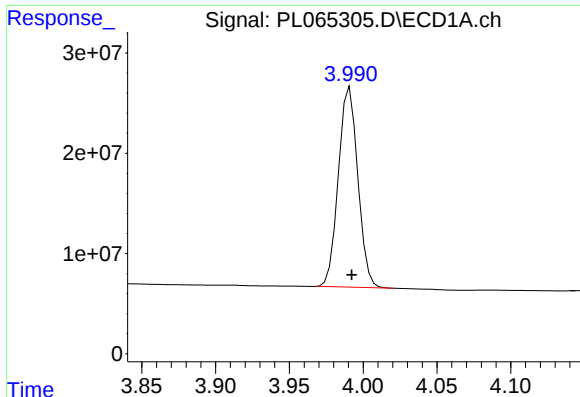
#2 alpha-BHC

R.T.: 3.718 min  
Delta R.T.: 0.000 min  
Response: 200894569  
Conc: 49.82 ng/ml



#2 alpha-BHC

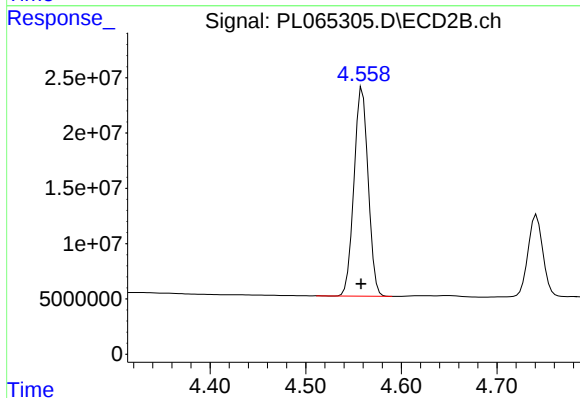
R.T.: 4.275 min  
Delta R.T.: 0.001 min  
Response: 215888717  
Conc: 50.81 ng/ml



#3 gamma-BHC (Lindane)

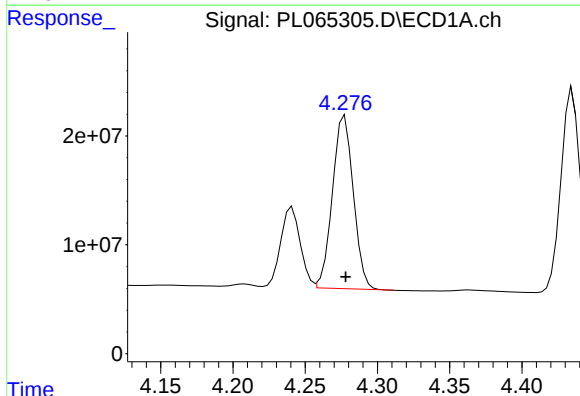
R.T.: 3.991 min  
Delta R.T.: -0.001 min  
Response: 182876270  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



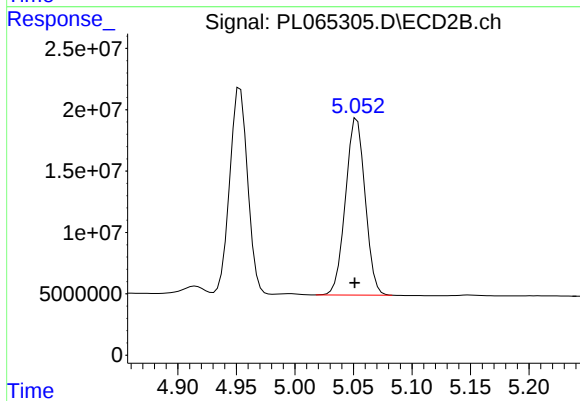
#3 gamma-BHC (Lindane)

R.T.: 4.559 min  
Delta R.T.: 0.001 min  
Response: 194735030  
Conc: 50.66 ng/ml



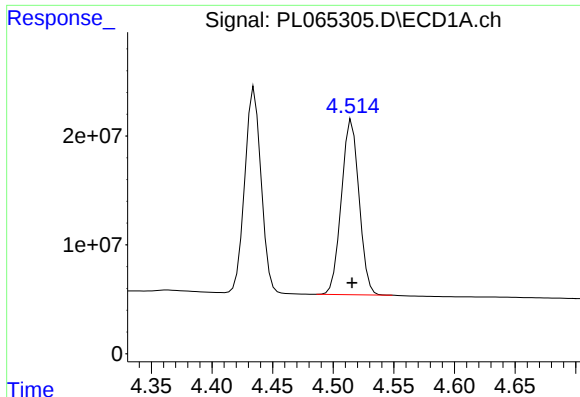
#4 Heptachlor

R.T.: 4.277 min  
Delta R.T.: 0.000 min  
Response: 159835296  
Conc: 44.51 ng/ml



#4 Heptachlor

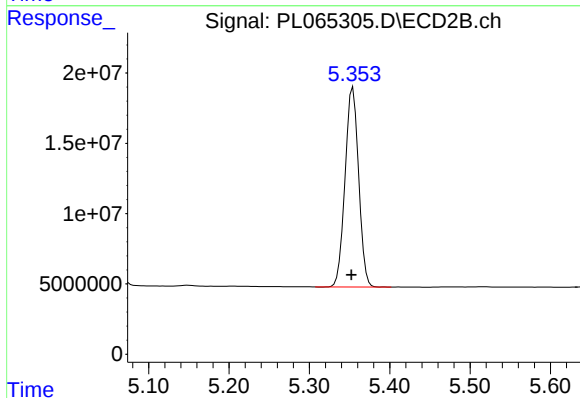
R.T.: 5.053 min  
Delta R.T.: 0.002 min  
Response: 168068308  
Conc: 46.99 ng/ml



#5 Aldrin

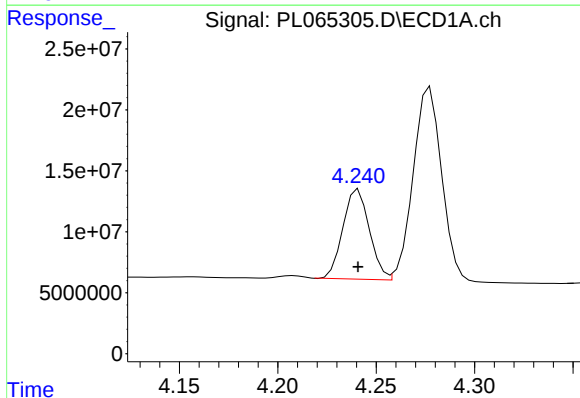
R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 163052504  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



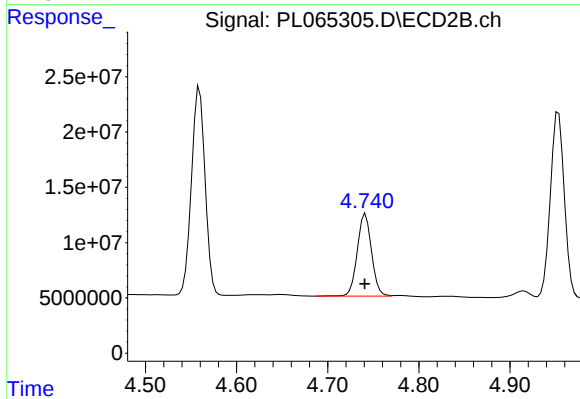
#5 Aldrin

R.T.: 5.354 min  
Delta R.T.: 0.002 min  
Response: 166671517  
Conc: 48.05 ng/ml



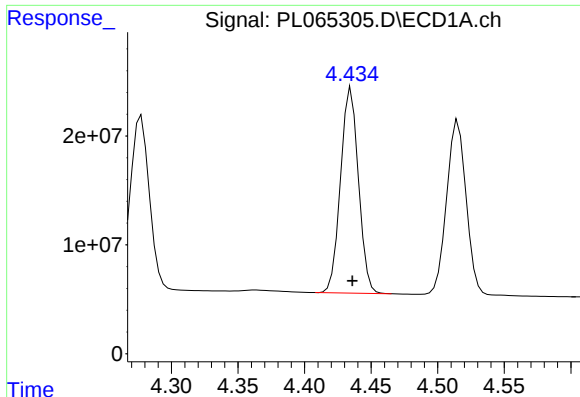
#6 beta-BHC

R.T.: 4.241 min  
Delta R.T.: 0.000 min  
Response: 69046127  
Conc: 45.24 ng/ml



#6 beta-BHC

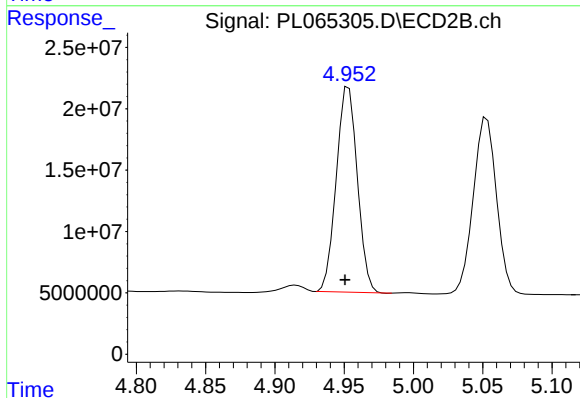
R.T.: 4.742 min  
Delta R.T.: 0.001 min  
Response: 81208475  
Conc: 46.53 ng/ml



#7 delta-BHC

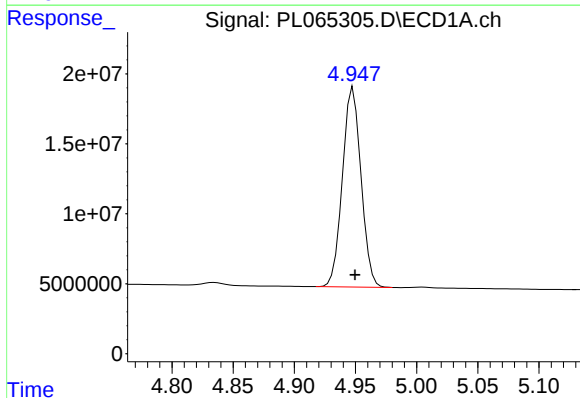
R.T.: 4.435 min  
Delta R.T.: 0.000 min  
Response: 176659481  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



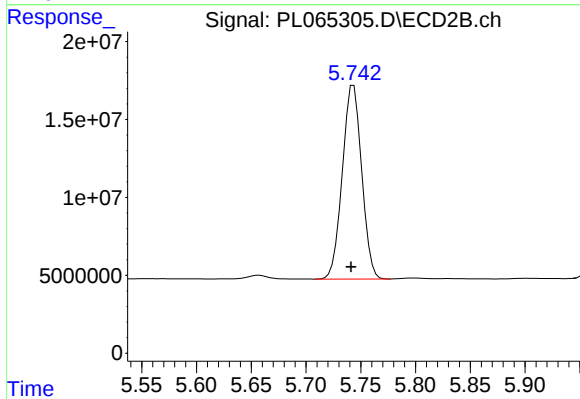
#7 delta-BHC

R.T.: 4.953 min  
Delta R.T.: 0.003 min  
Response: 176976517  
Conc: 46.29 ng/ml



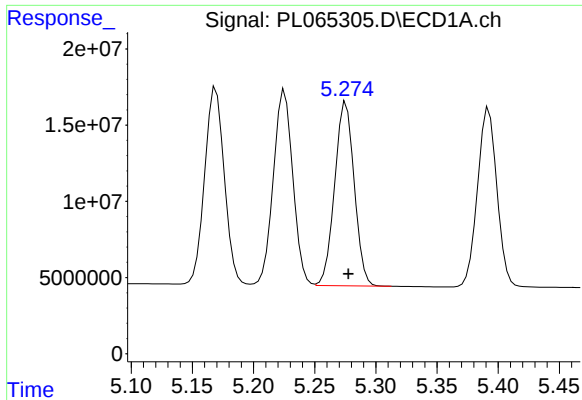
#8 Heptachlor epoxide

R.T.: 4.948 min  
Delta R.T.: -0.002 min  
Response: 150810569  
Conc: 46.85 ng/ml



#8 Heptachlor epoxide

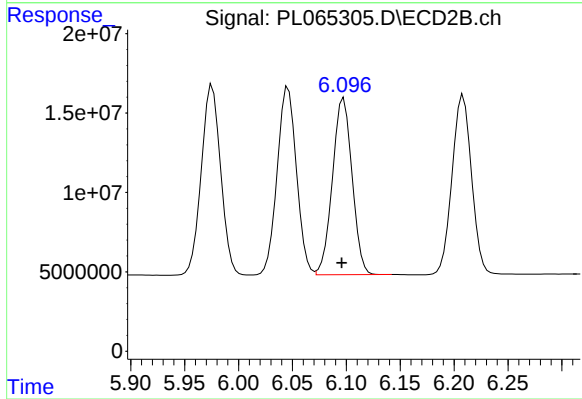
R.T.: 5.743 min  
Delta R.T.: 0.002 min  
Response: 152942184  
Conc: 51.27 ng/ml



#9 Endosulfan I

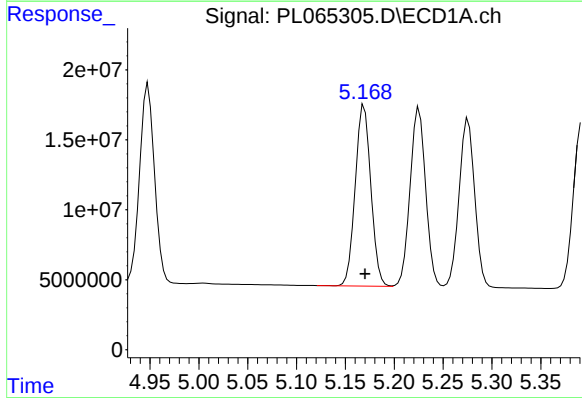
R.T.: 5.276 min  
Delta R.T.: -0.002 min  
Response: 134019881  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



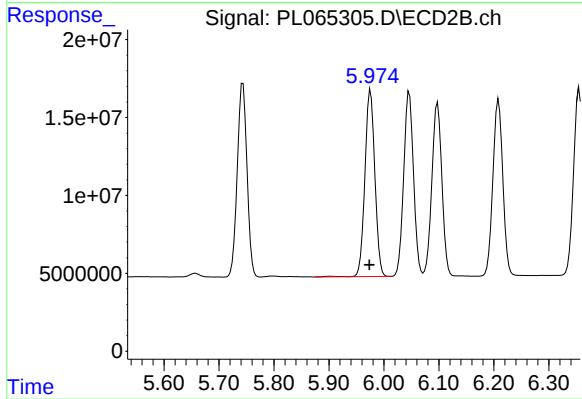
#9 Endosulfan I

R.T.: 6.098 min  
Delta R.T.: 0.002 min  
Response: 140732331  
Conc: 50.51 ng/ml



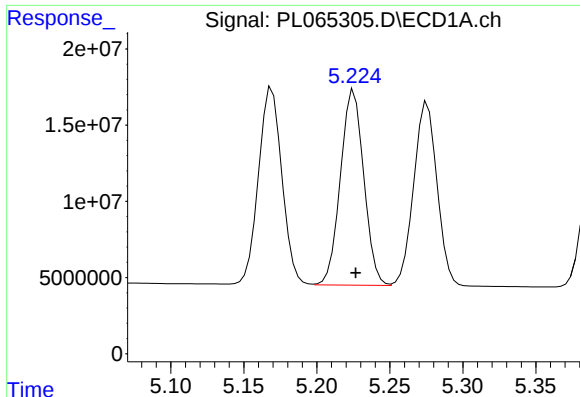
#10 gamma-Chlordane

R.T.: 5.169 min  
Delta R.T.: -0.001 min  
Response: 144255574  
Conc: 45.61 ng/ml



#10 gamma-Chlordane

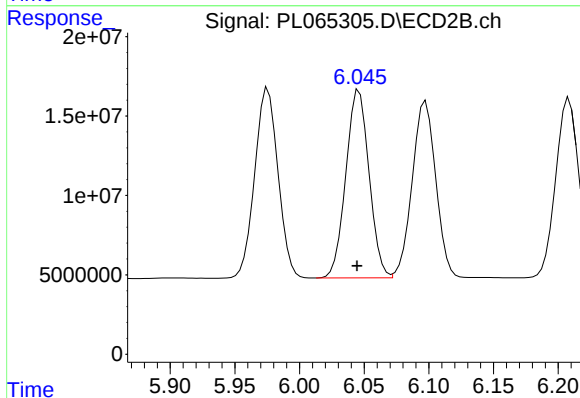
R.T.: 5.976 min  
Delta R.T.: 0.002 min  
Response: 150734244  
Conc: 50.50 ng/ml



#11 alpha-Chlordane

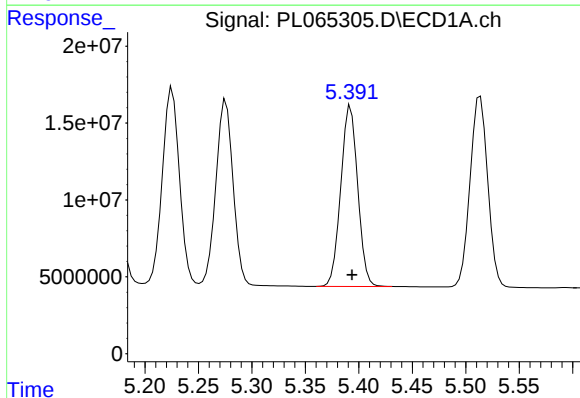
R.T.: 5.226 min  
Delta R.T.: -0.001 min  
Response: 142421143  
Conc: 47.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



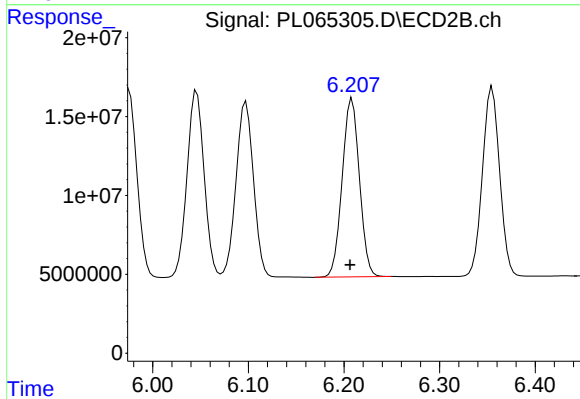
#11 alpha-Chlordane

R.T.: 6.046 min  
Delta R.T.: 0.002 min  
Response: 147576087  
Conc: 50.70 ng/ml



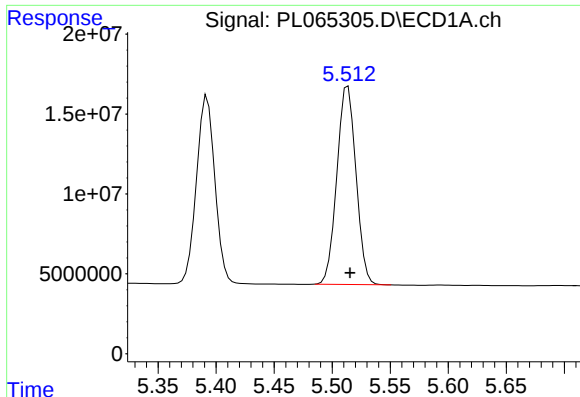
#12 4,4'-DDE

R.T.: 5.392 min  
Delta R.T.: -0.001 min  
Response: 129750451  
Conc: 43.84 ng/ml



#12 4,4'-DDE

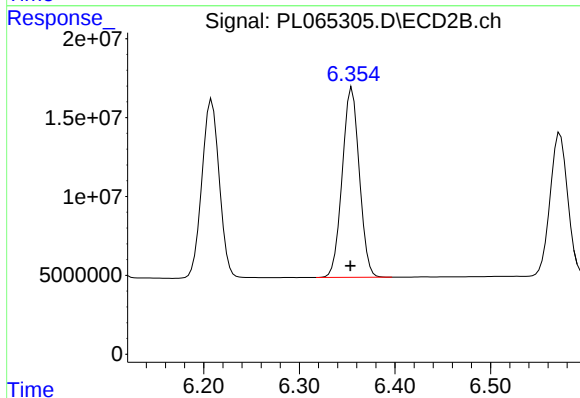
R.T.: 6.209 min  
Delta R.T.: 0.002 min  
Response: 142263334  
Conc: 51.28 ng/ml



#13 Dieldrin

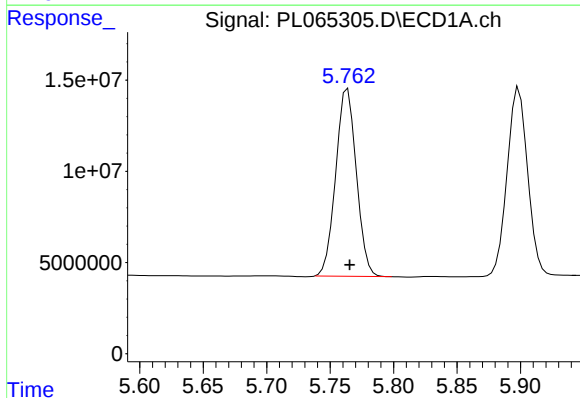
R.T.: 5.514 min  
Delta R.T.: -0.002 min  
Response: 142520992  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



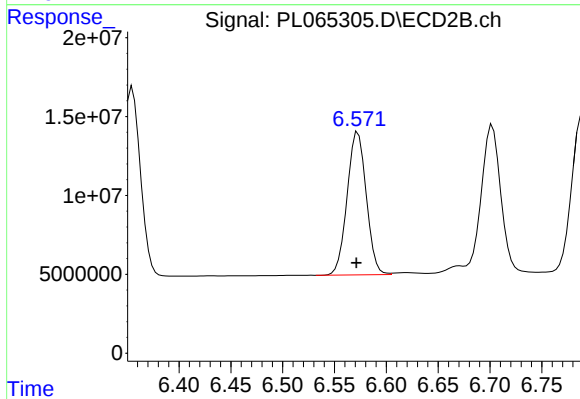
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: 0.002 min  
Response: 149685858  
Conc: 50.90 ng/ml



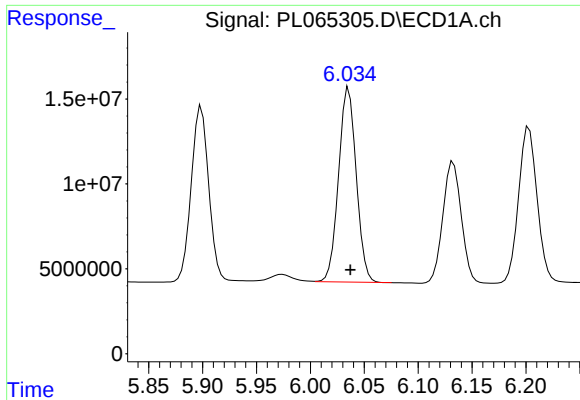
#14 Endrin

R.T.: 5.764 min  
Delta R.T.: -0.002 min  
Response: 116443255  
Conc: 45.97 ng/ml



#14 Endrin

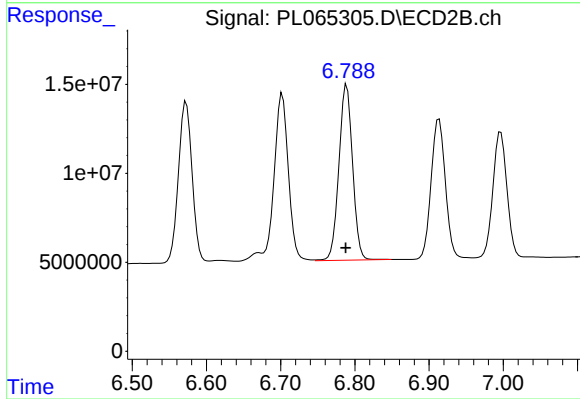
R.T.: 6.573 min  
Delta R.T.: 0.002 min  
Response: 116295864  
Conc: 51.40 ng/ml



#15 Endosulfan II

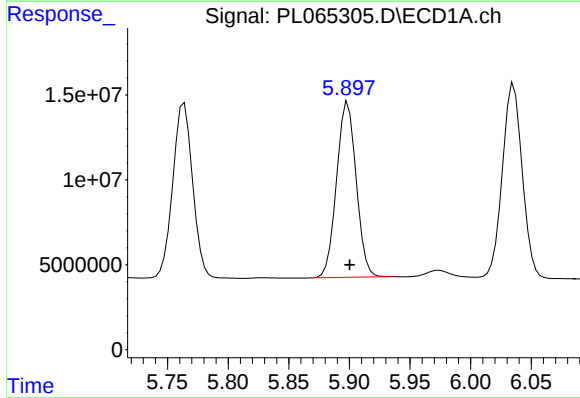
R.T.: 6.036 min  
Delta R.T.: -0.001 min  
Response: 130638256  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



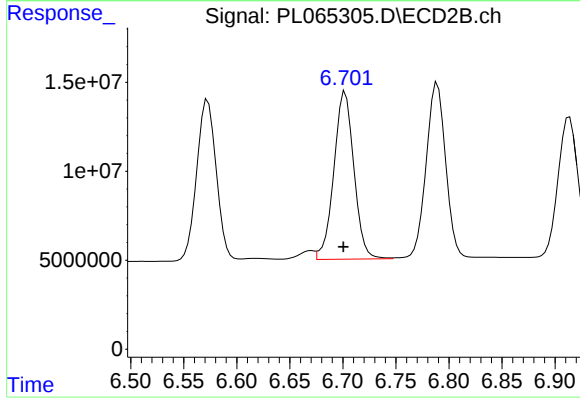
#15 Endosulfan II

R.T.: 6.789 min  
Delta R.T.: 0.001 min  
Response: 126495545  
Conc: 56.61 ng/ml



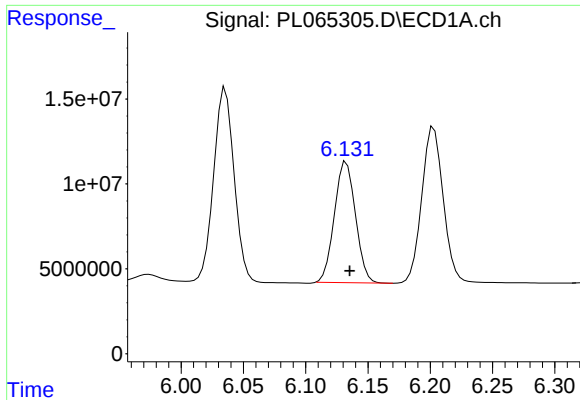
#16 4,4'-DDD

R.T.: 5.899 min  
Delta R.T.: -0.002 min  
Response: 116135855  
Conc: 48.98 ng/ml



#16 4,4'-DDD

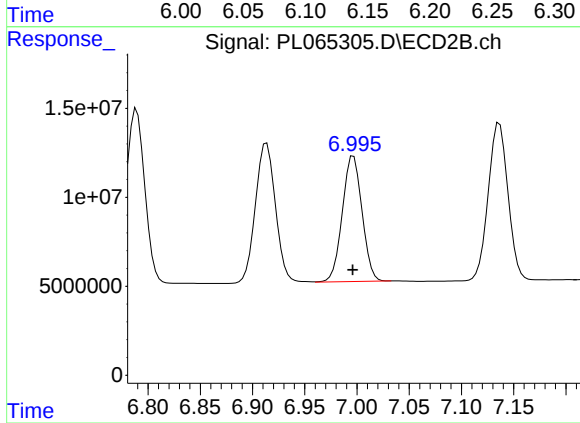
R.T.: 6.702 min  
Delta R.T.: 0.002 min  
Response: 124037174  
Conc: 51.10 ng/ml



#17 4,4'-DDT

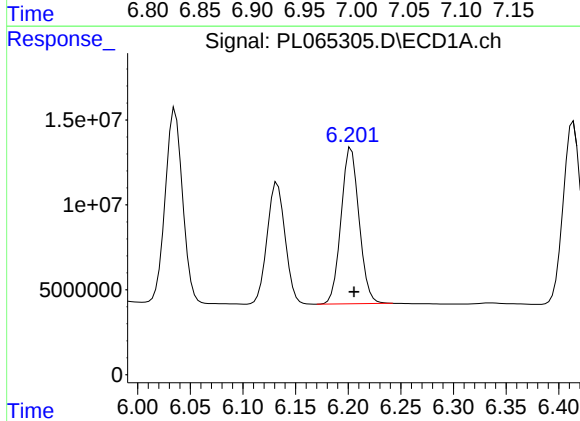
R.T.: 6.133 min  
Delta R.T.: -0.003 min  
Response: 84037914  
Conc: 43.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



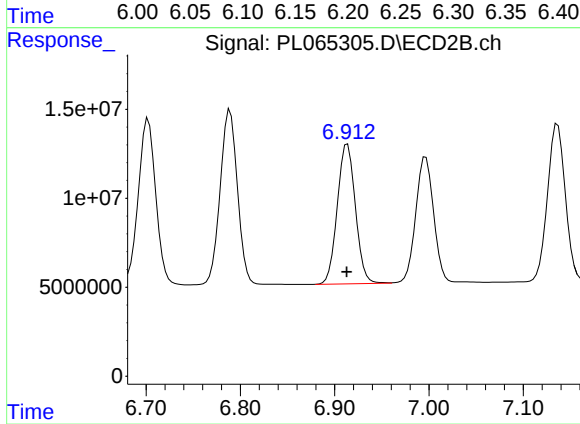
#17 4,4'-DDT

R.T.: 6.997 min  
Delta R.T.: 0.000 min  
Response: 92562262  
Conc: 45.60 ng/ml



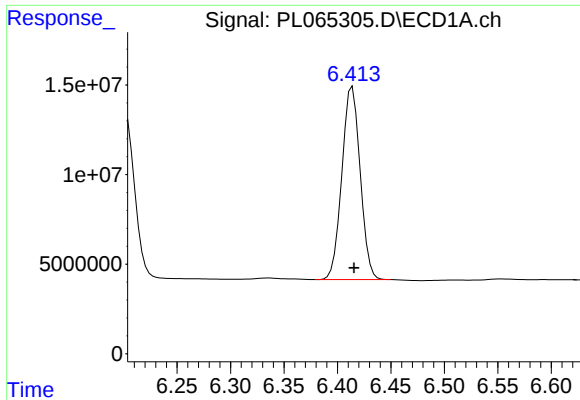
#18 Endrin aldehyde

R.T.: 6.203 min  
Delta R.T.: -0.003 min  
Response: 109787484  
Conc: 54.03 ng/ml



#18 Endrin aldehyde

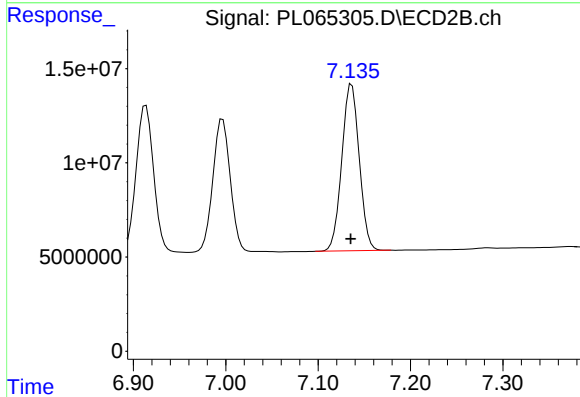
R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 104763320  
Conc: 58.00 ng/ml



#19 Endosulfan Sulfate

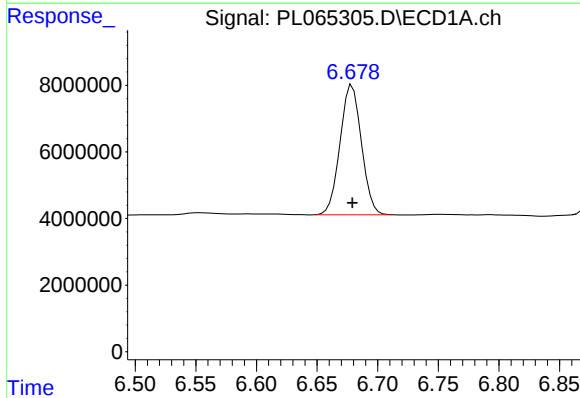
R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 128508630  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



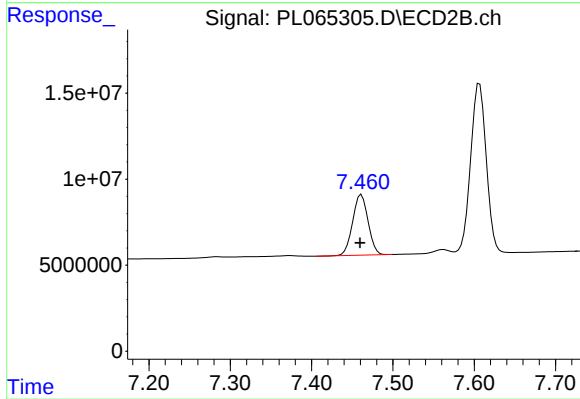
#19 Endosulfan Sulfate

R.T.: 7.136 min  
Delta R.T.: 0.001 min  
Response: 116392176  
Conc: 49.59 ng/ml



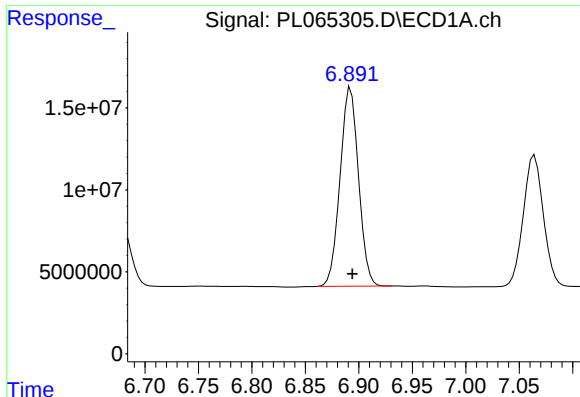
#20 Methoxychlor

R.T.: 6.679 min  
Delta R.T.: 0.000 min  
Response: 47797523  
Conc: 51.14 ng/ml



#20 Methoxychlor

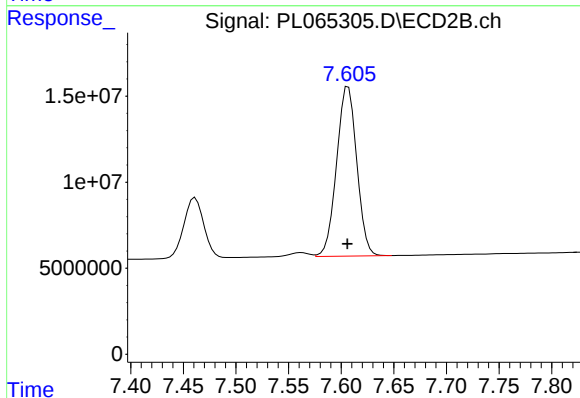
R.T.: 7.461 min  
Delta R.T.: 0.002 min  
Response: 46355997  
Conc: 49.97 ng/ml



#21 Endrin ketone

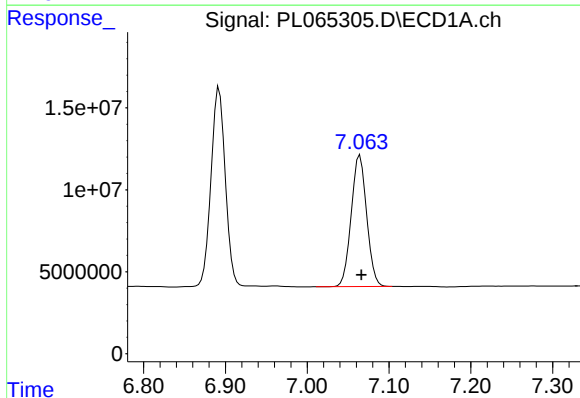
R.T.: 6.892 min  
Delta R.T.: -0.002 min  
Response: 145797715  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



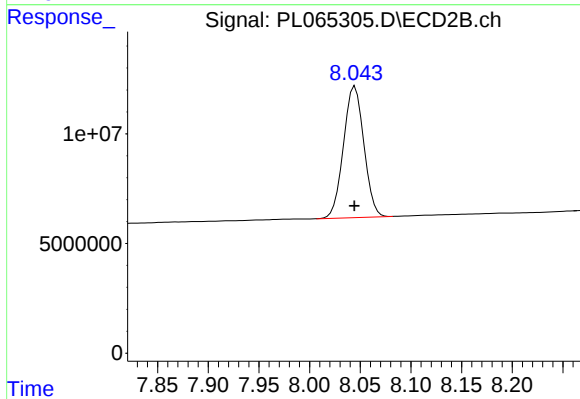
#21 Endrin ketone

R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 131749868  
Conc: 50.39 ng/ml



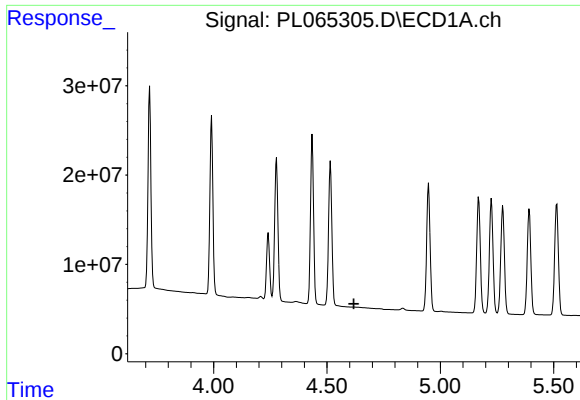
#22 Mirex

R.T.: 7.064 min  
Delta R.T.: -0.002 min  
Response: 104744291  
Conc: 54.33 ng/ml



#22 Mirex

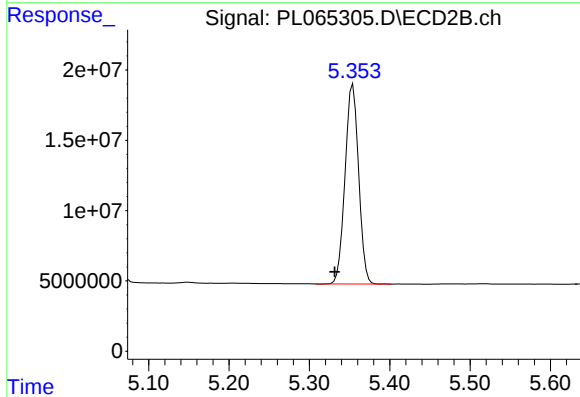
R.T.: 8.045 min  
Delta R.T.: 0.000 min  
Response: 83770855  
Conc: 52.31 ng/ml



#24 Chlordane-2

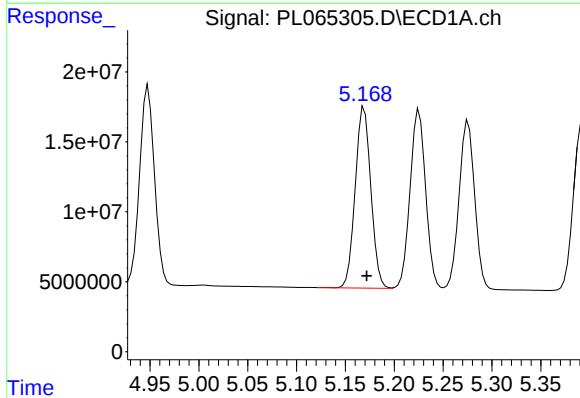
R.T.: 0.000 min  
Exp R.T.: 4.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



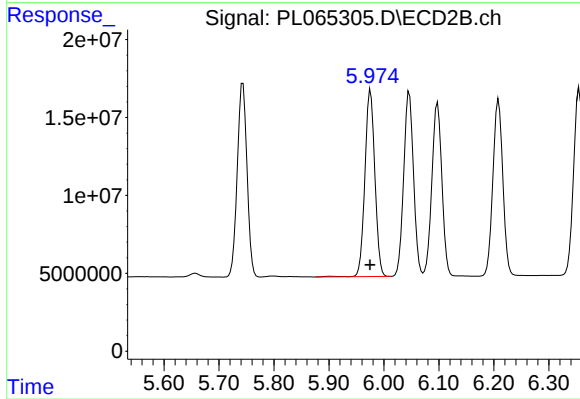
#24 Chlordane-2

R.T.: 5.354 min  
Delta R.T.: 0.023 min  
Response: 166671517  
Conc: 1619.39 ng/ml



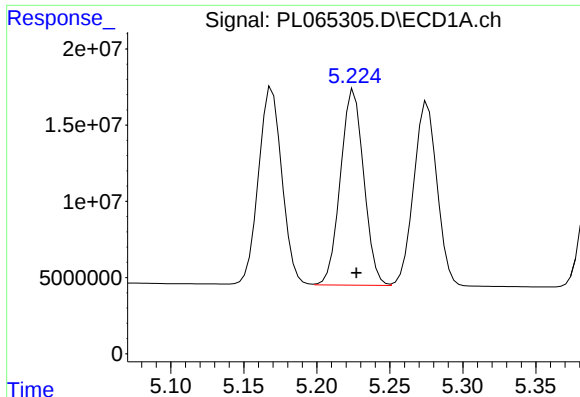
#25 Chlordane-3

R.T.: 5.169 min  
Delta R.T.: -0.003 min  
Response: 144255574  
Conc: 479.65 ng/ml



#25 Chlordane-3

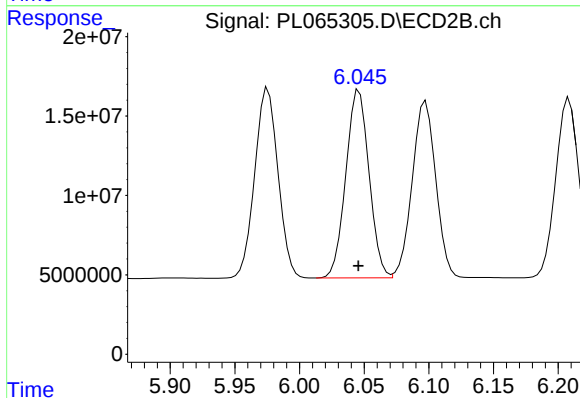
R.T.: 5.976 min  
Delta R.T.: 0.001 min  
Response: 150734244  
Conc: 368.79 ng/ml



#26 Chlordane-4

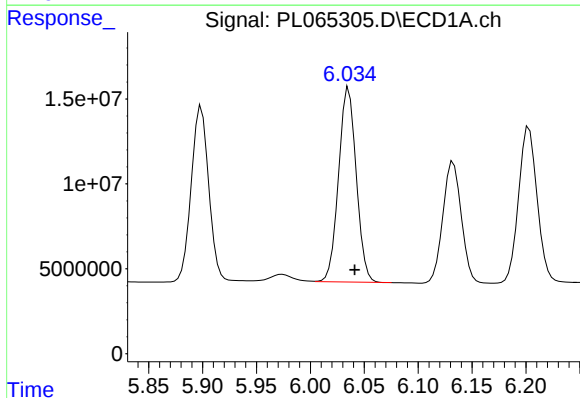
R.T.: 5.226 min  
Delta R.T.: -0.001 min  
Response: 142421143  
Conc: 523.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



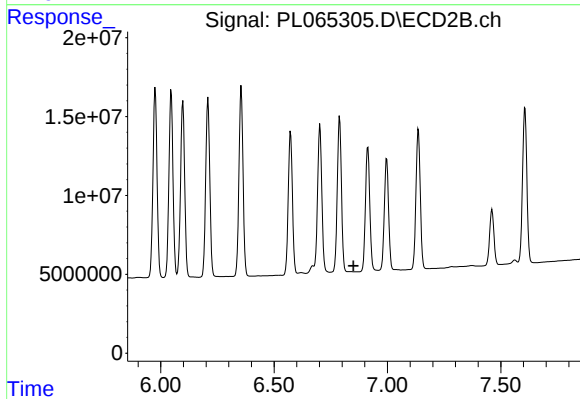
#26 Chlordane-4

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 147576087  
Conc: 311.27 ng/ml



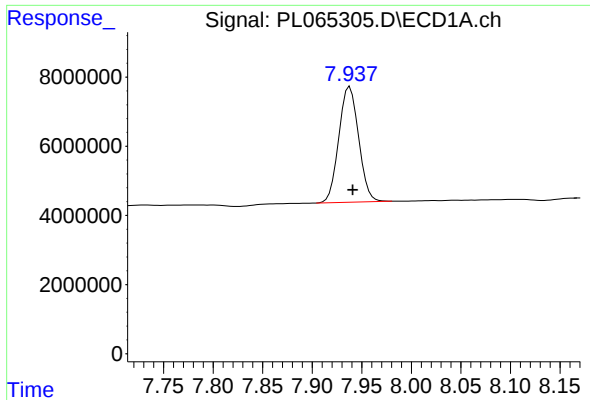
#27 Chlordane-5

R.T.: 6.036 min  
Delta R.T.: -0.006 min  
Response: 130638256  
Conc: 1439.03 ng/ml



#27 Chlordane-5

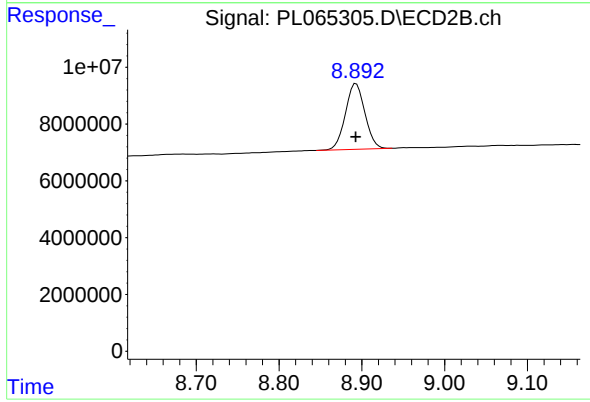
R.T.: 0.000 min  
Exp R.T.: 6.850 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.938 min  
Delta R.T.: -0.003 min  
Response: 46620101  
Conc: 21.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.893 min  
Delta R.T.: 0.000 min  
Response: 37842756  
Conc: 20.60 ng/ml