

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031321\  
 Data File : PL065280.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2021 00:22  
 Operator : AR\AJ  
 Sample : PB135086BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB135086BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 02:43:13 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... | 3.294 | 3.885 | 47239548 | 55318611 | 20.051 | 20.083 |
| 28)                         | SA Decachlor... | 7.940 | 8.897 | 41435319 | 37014162 | 19.228 | 20.147 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.719 | 4.277 | 199.2E6  | 217.3E6  | 49.396 | 51.144 |
| 3)                          | MA gamma-BHC... | 3.992 | 4.560 | 181.6E6  | 198.5E6  | 49.168 | 51.637 |
| 4)                          | MA Heptachlor   | 4.278 | 5.055 | 163.1E6  | 173.1E6  | 45.417 | 48.408 |
| 5)                          | MB Aldrin       | 4.516 | 5.356 | 163.5E6  | 171.4E6  | 48.046 | 49.411 |
| 6)                          | B beta-BHC      | 4.242 | 4.743 | 68141144 | 81155421 | 44.643 | 46.499 |
| 7)                          | B delta-BHC     | 4.436 | 4.955 | 174.5E6  | 180.5E6  | 48.007 | 47.209 |
| 8)                          | B Heptachlo...  | 4.949 | 5.745 | 151.9E6  | 156.4E6  | 47.193 | 52.420 |
| 9)                          | A Endosulfan I  | 5.278 | 6.099 | 137.6E6  | 144.2E6  | 49.055 | 51.746 |
| 10)                         | B gamma-Chl...  | 5.171 | 5.978 | 152.0E6  | 153.6E6  | 48.072 | 51.452 |
| 11)                         | B alpha-Chl...  | 5.227 | 6.048 | 147.6E6  | 151.6E6  | 48.738 | 52.081 |
| 12)                         | B 4,4'-DDE      | 5.393 | 6.211 | 138.7E6  | 146.3E6  | 46.858 | 52.731 |
| 13)                         | MA Dieldrin     | 5.515 | 6.357 | 146.8E6  | 154.6E6  | 49.247 | 52.588 |
| 14)                         | MA Endrin       | 5.765 | 6.575 | 117.0E6  | 117.7E6  | 46.200 | 52.012 |
| 15)                         | B Endosulfa...  | 6.037 | 6.792 | 128.3E6  | 131.3E6  | 52.358 | 58.752 |
| 16)                         | A 4,4'-DDD      | 5.901 | 6.705 | 119.6E6  | 129.9E6  | 50.421 | 53.499 |
| 17)                         | MA 4,4'-DDT     | 6.134 | 7.000 | 84904103 | 94706826 | 43.796 | 46.658 |
| 18)                         | B Endrin al...  | 6.205 | 6.917 | 107.0E6  | 108.4E6  | 52.643 | 59.992 |
| 19)                         | B Endosulfa...  | 6.416 | 7.139 | 126.1E6  | 119.5E6  | 49.391 | 50.889 |
| 20)                         | A Methoxychlor  | 6.681 | 7.464 | 44314515 | 45963420 | 47.416 | 49.546 |
| 21)                         | B Endrin ke...  | 6.894 | 7.610 | 142.4E6  | 134.5E6  | 50.039 | 51.461 |
| 22)                         | Mirex           | 7.066 | 8.048 | 96336936 | 83137627 | 49.970 | 51.912 |
| -----                       |                 |       |       |          |          |        |        |

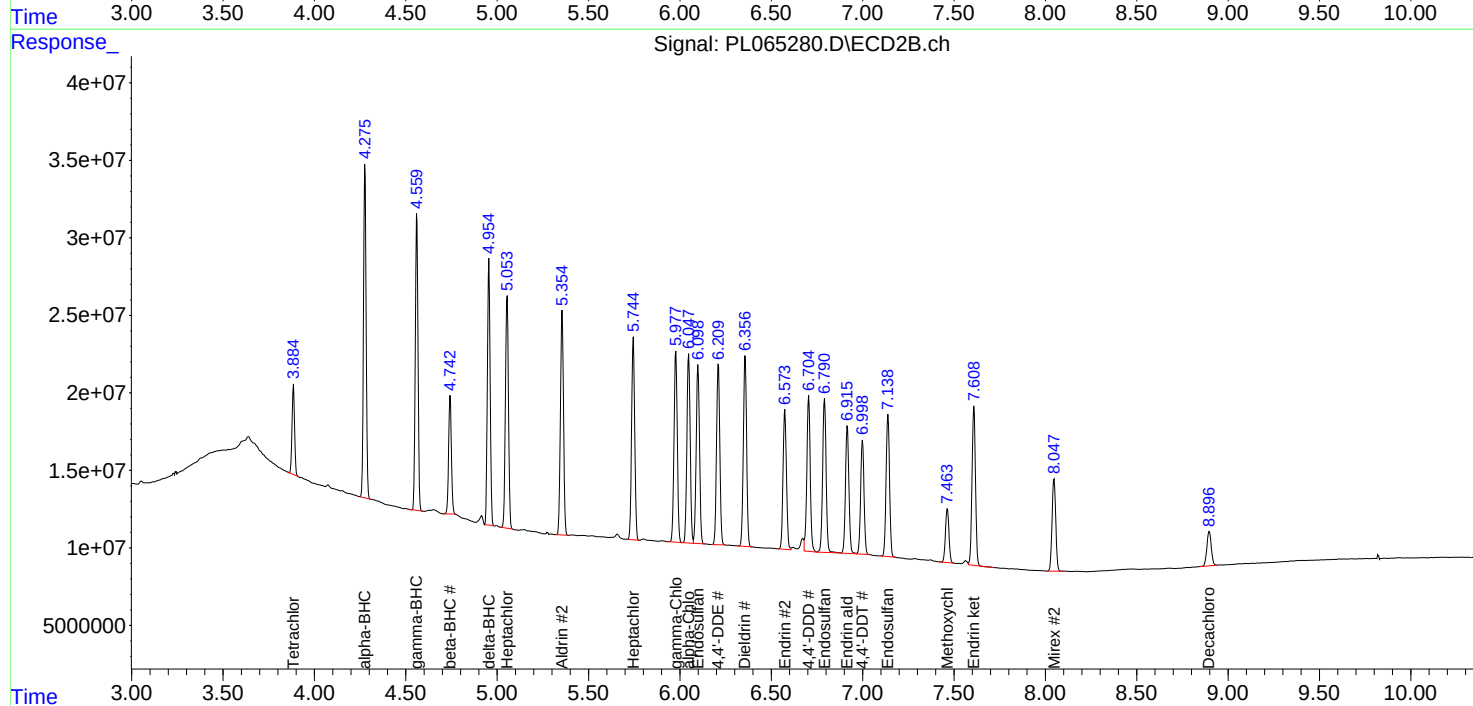
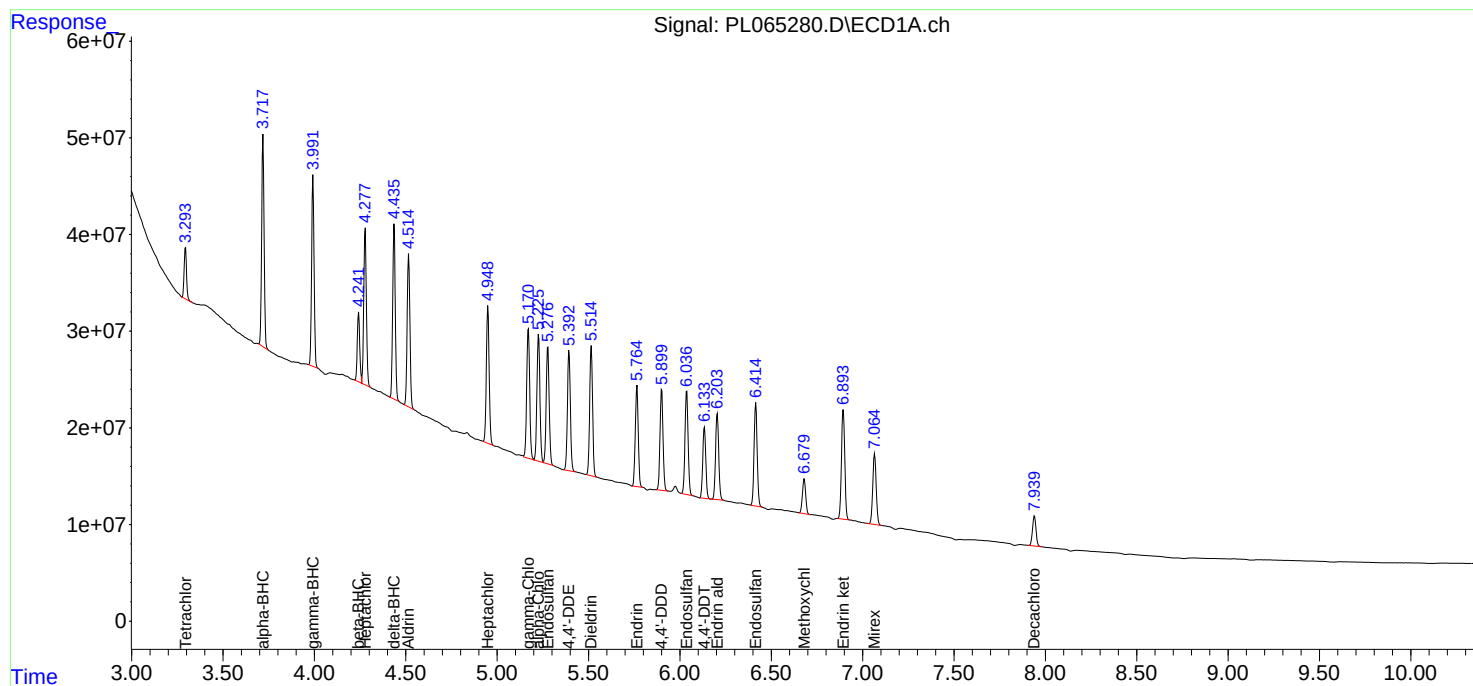
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

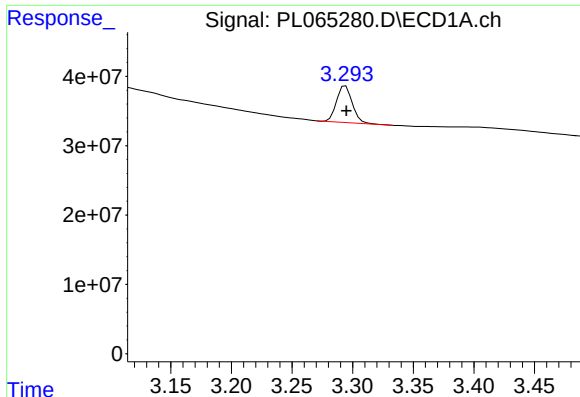
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031321\  
Data File : PL065280.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2021 00:22  
Operator : AR\AJ  
Sample : PB135086BS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 02:43:13 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

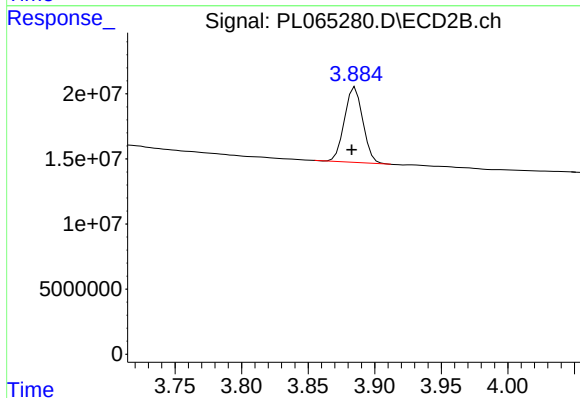




#1 Tetrachloro-m-xylene

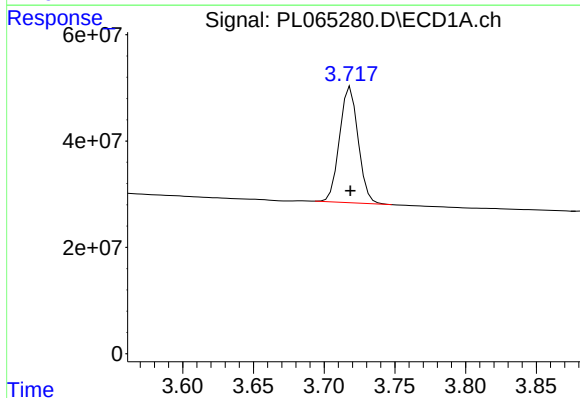
R.T.: 3.294 min  
Delta R.T.: 0.000 min  
Response: 47239548  
Conc: 20.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



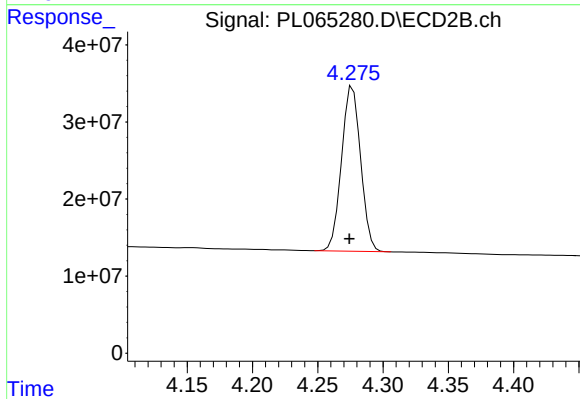
#1 Tetrachloro-m-xylene

R.T.: 3.885 min  
Delta R.T.: 0.003 min  
Response: 55318611  
Conc: 20.08 ng/ml



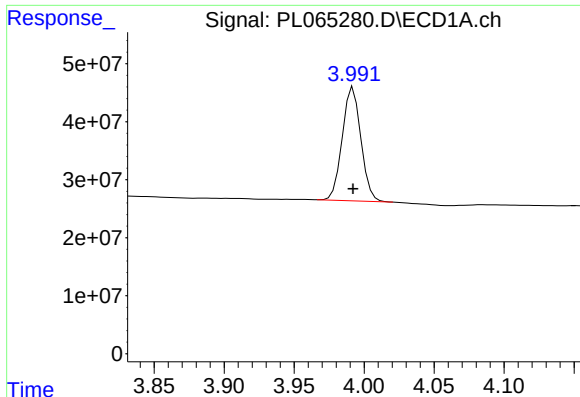
#2 alpha-BHC

R.T.: 3.719 min  
Delta R.T.: 0.000 min  
Response: 199185545  
Conc: 49.40 ng/ml



#2 alpha-BHC

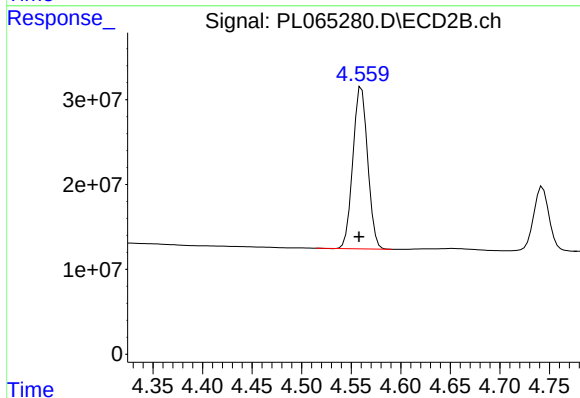
R.T.: 4.277 min  
Delta R.T.: 0.002 min  
Response: 217291335  
Conc: 51.14 ng/ml



#3 gamma-BHC (Lindane)

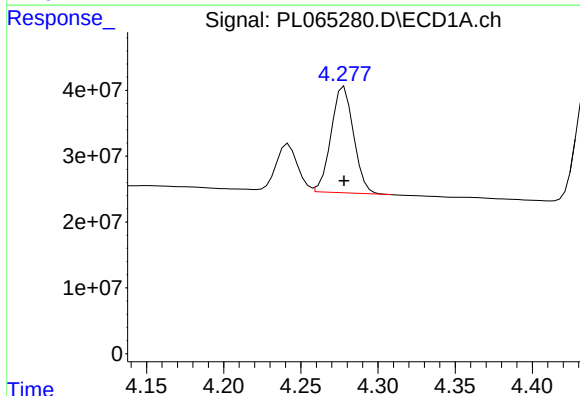
R.T.: 3.992 min  
Delta R.T.: 0.000 min  
Response: 181627874  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



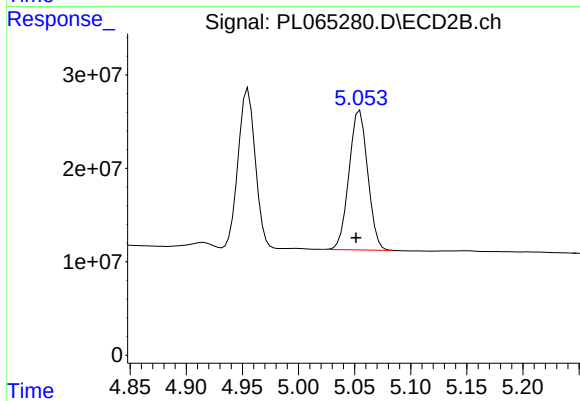
#3 gamma-BHC (Lindane)

R.T.: 4.560 min  
Delta R.T.: 0.003 min  
Response: 198472591  
Conc: 51.64 ng/ml



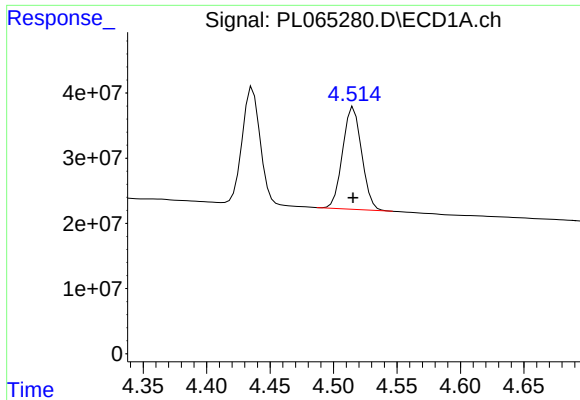
#4 Heptachlor

R.T.: 4.278 min  
Delta R.T.: 0.000 min  
Response: 163101912  
Conc: 45.42 ng/ml



#4 Heptachlor

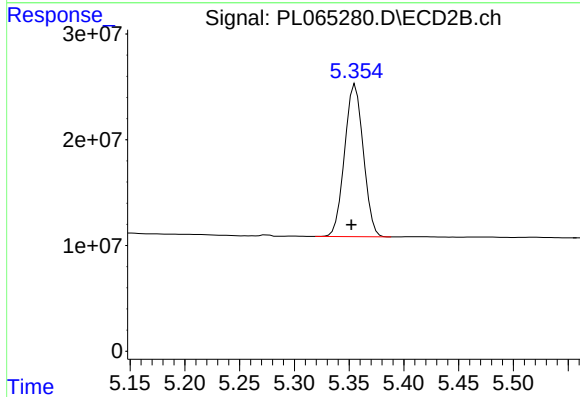
R.T.: 5.055 min  
Delta R.T.: 0.003 min  
Response: 173142215  
Conc: 48.41 ng/ml



#5 Aldrin

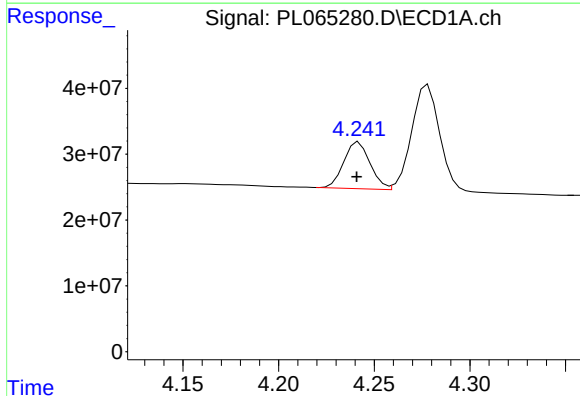
R.T.: 4.516 min  
Delta R.T.: 0.000 min  
Response: 163475934  
Conc: 48.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



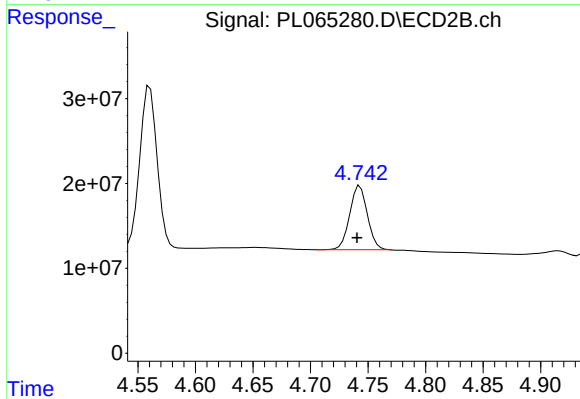
#5 Aldrin

R.T.: 5.356 min  
Delta R.T.: 0.003 min  
Response: 171394646  
Conc: 49.41 ng/ml



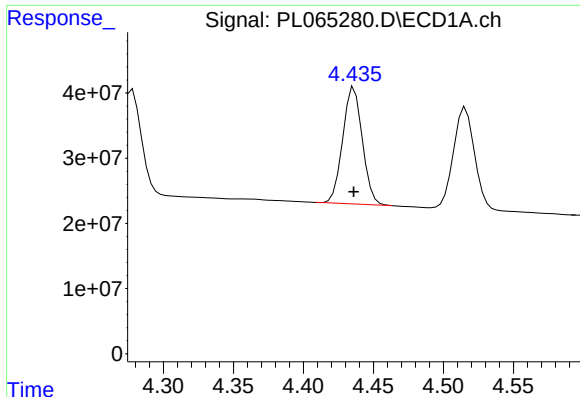
#6 beta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.001 min  
Response: 68141144  
Conc: 44.64 ng/ml



#6 beta-BHC

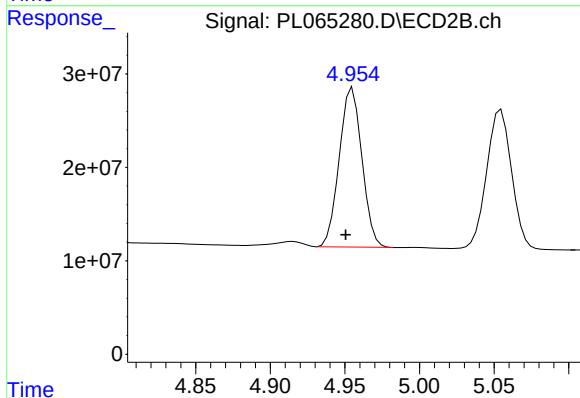
R.T.: 4.743 min  
Delta R.T.: 0.002 min  
Response: 81155421  
Conc: 46.50 ng/ml



#7 delta-BHC

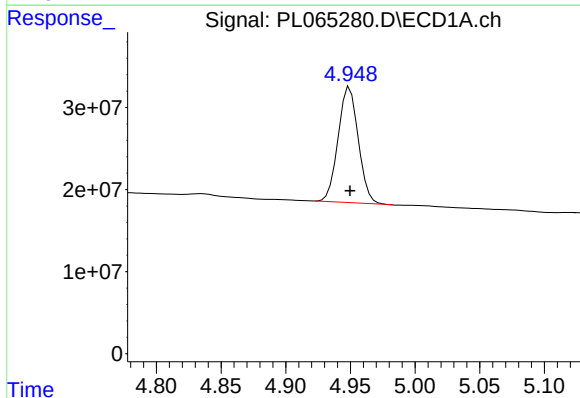
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 174481675  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



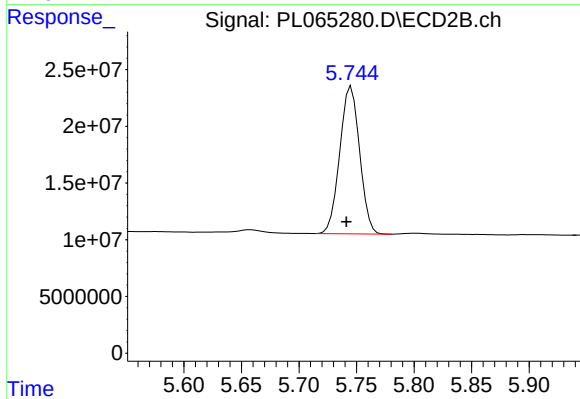
#7 delta-BHC

R.T.: 4.955 min  
Delta R.T.: 0.004 min  
Response: 180492829  
Conc: 47.21 ng/ml



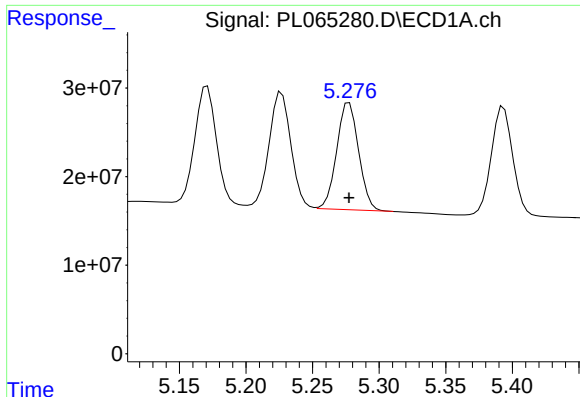
#8 Heptachlor epoxide

R.T.: 4.949 min  
Delta R.T.: 0.000 min  
Response: 151910293  
Conc: 47.19 ng/ml



#8 Heptachlor epoxide

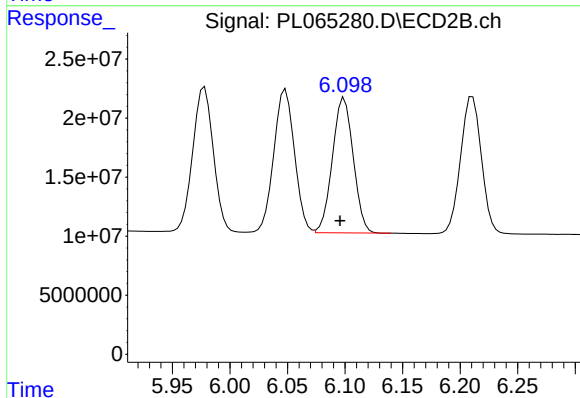
R.T.: 5.745 min  
Delta R.T.: 0.004 min  
Response: 156363678  
Conc: 52.42 ng/ml



#9 Endosulfan I

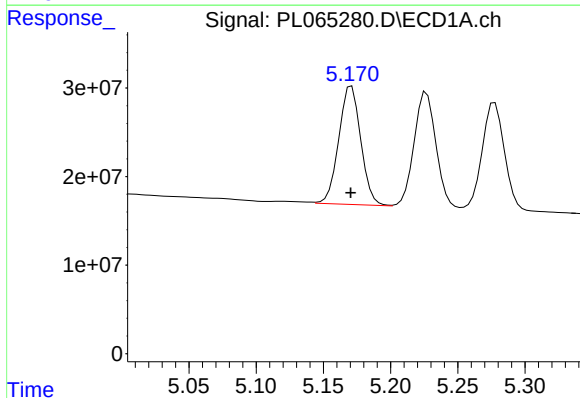
R.T.: 5.278 min  
Delta R.T.: 0.000 min  
Response: 137628516  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



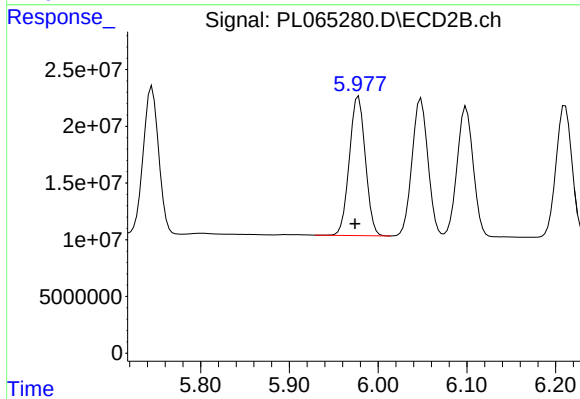
#9 Endosulfan I

R.T.: 6.099 min  
Delta R.T.: 0.004 min  
Response: 144161247  
Conc: 51.75 ng/ml



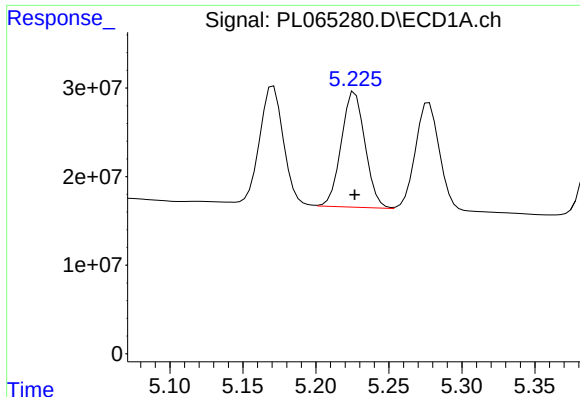
#10 gamma-Chlordane

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 152037653  
Conc: 48.07 ng/ml



#10 gamma-Chlordane

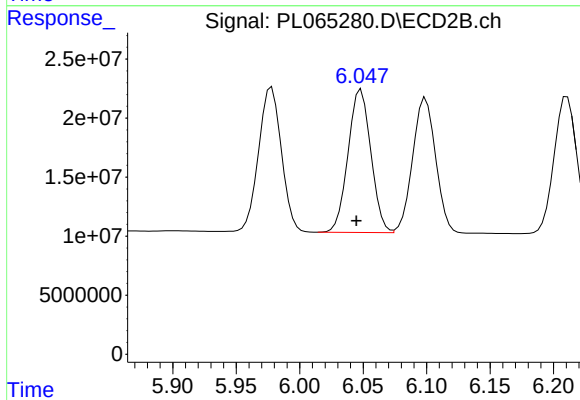
R.T.: 5.978 min  
Delta R.T.: 0.004 min  
Response: 153583945  
Conc: 51.45 ng/ml



#11 alpha-Chlordane

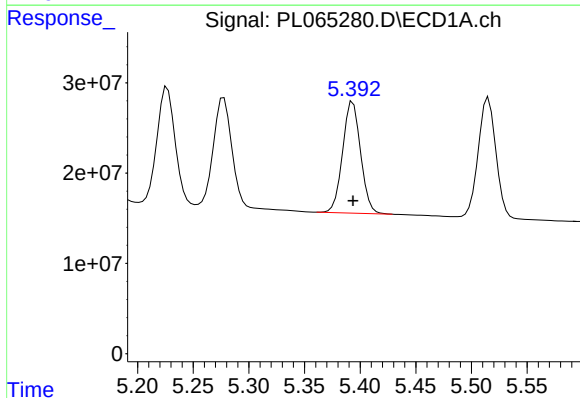
R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 147645518  
Conc: 48.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



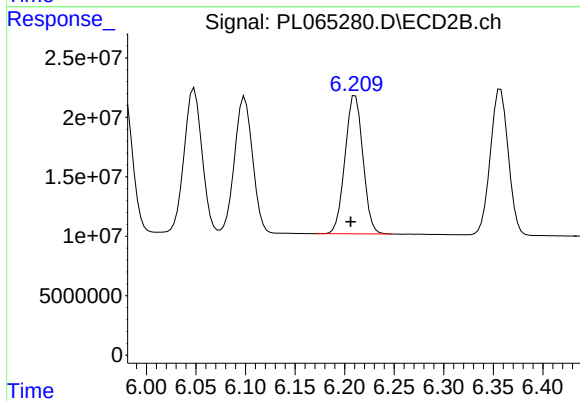
#11 alpha-Chlordane

R.T.: 6.048 min  
Delta R.T.: 0.004 min  
Response: 151611719  
Conc: 52.08 ng/ml



#12 4,4'-DDE

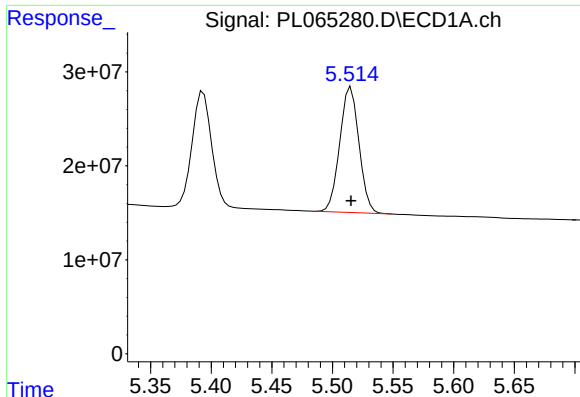
R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 138686725  
Conc: 46.86 ng/ml



#12 4,4'-DDE

R.T.: 6.211 min  
Delta R.T.: 0.004 min  
Response: 146280777  
Conc: 52.73 ng/ml

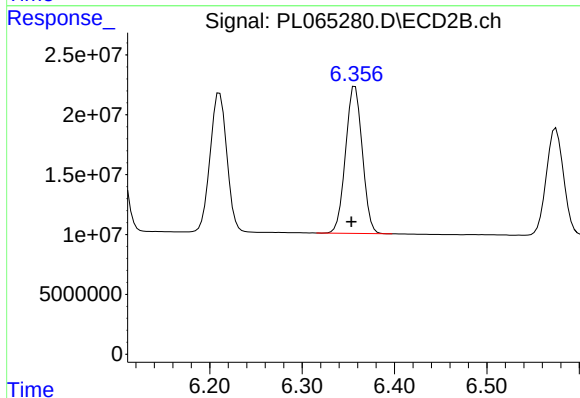




#13 Dieldrin

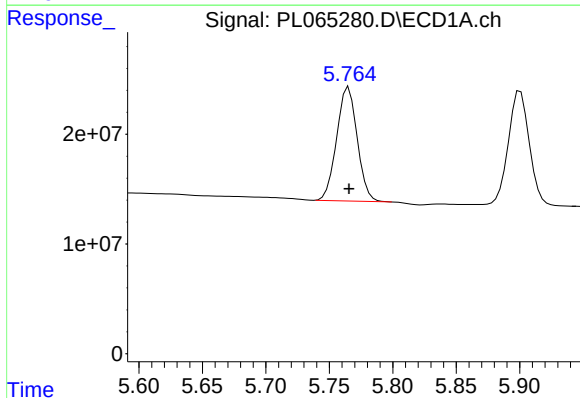
R.T.: 5.515 min  
Delta R.T.: 0.000 min  
Response: 146817180  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



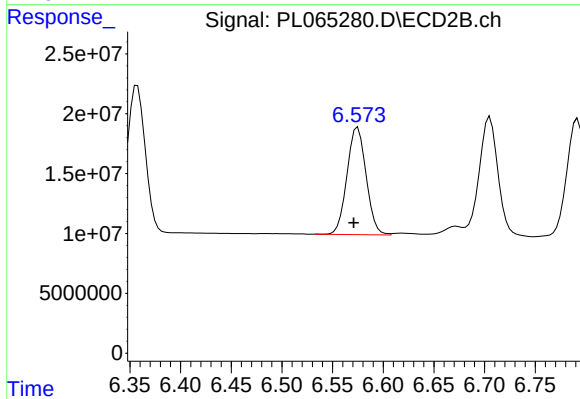
#13 Dieldrin

R.T.: 6.357 min  
Delta R.T.: 0.004 min  
Response: 154639083  
Conc: 52.59 ng/ml



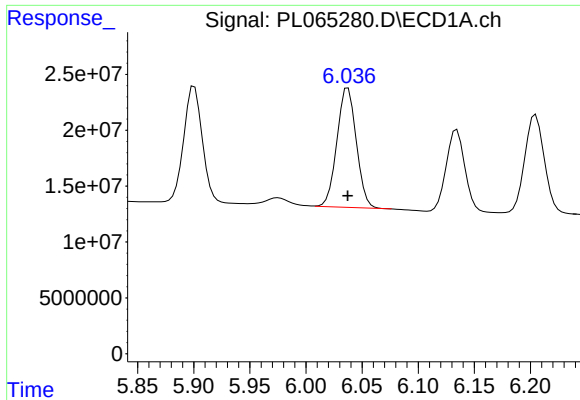
#14 Endrin

R.T.: 5.765 min  
Delta R.T.: 0.000 min  
Response: 117034604  
Conc: 46.20 ng/ml



#14 Endrin

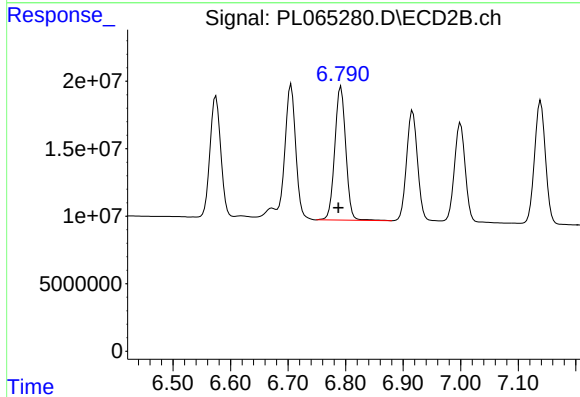
R.T.: 6.575 min  
Delta R.T.: 0.004 min  
Response: 117680179  
Conc: 52.01 ng/ml



#15 Endosulfan II

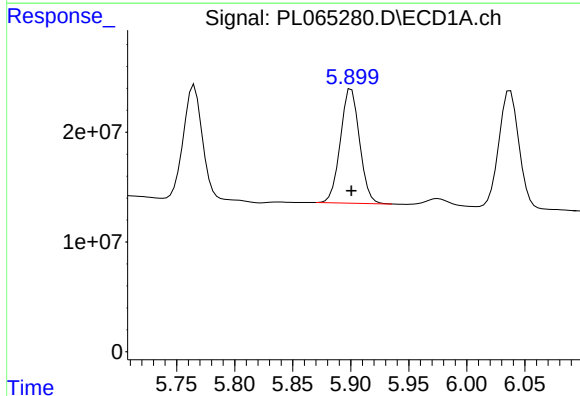
R.T.: 6.037 min  
Delta R.T.: 0.000 min  
Response: 128289645  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



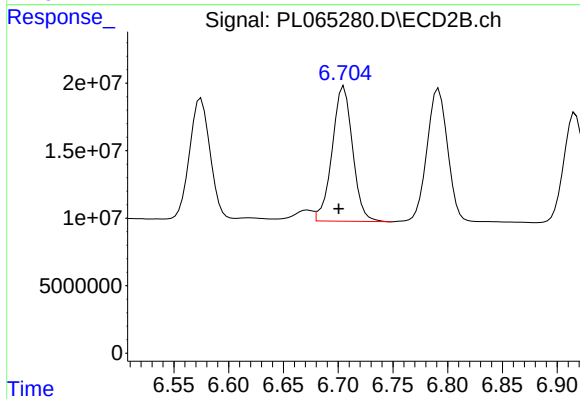
#15 Endosulfan II

R.T.: 6.792 min  
Delta R.T.: 0.004 min  
Response: 131273421  
Conc: 58.75 ng/ml



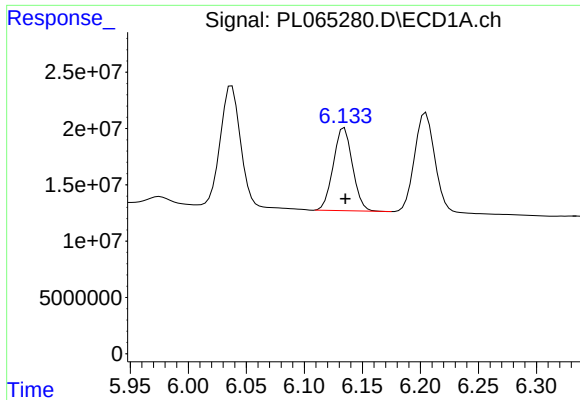
#16 4,4'-DDD

R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 119557614  
Conc: 50.42 ng/ml



#16 4,4'-DDD

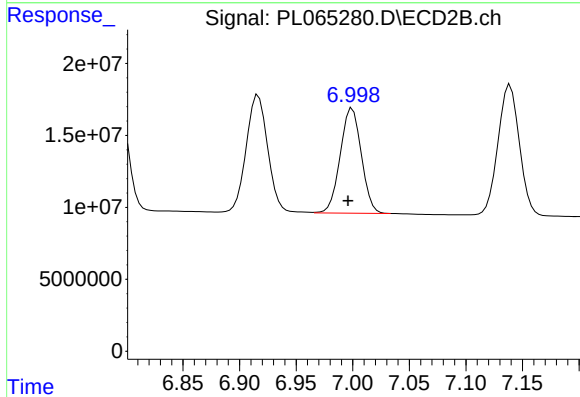
R.T.: 6.705 min  
Delta R.T.: 0.005 min  
Response: 129860108  
Conc: 53.50 ng/ml



#17 4,4'-DDT

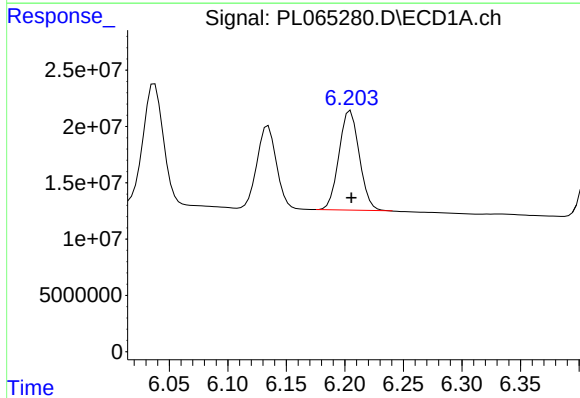
R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 84904103  
Conc: 43.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



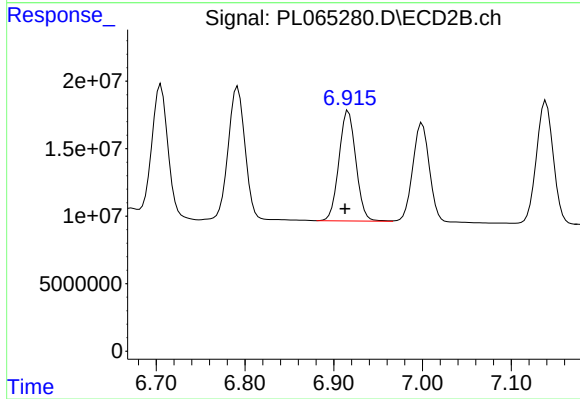
#17 4,4'-DDT

R.T.: 7.000 min  
Delta R.T.: 0.004 min  
Response: 94706826  
Conc: 46.66 ng/ml



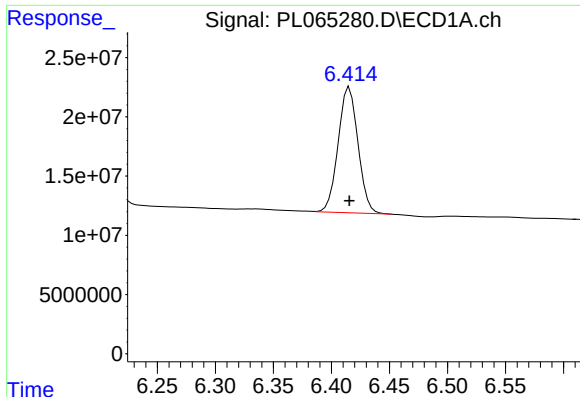
#18 Endrin aldehyde

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 106969555  
Conc: 52.64 ng/ml



#18 Endrin aldehyde

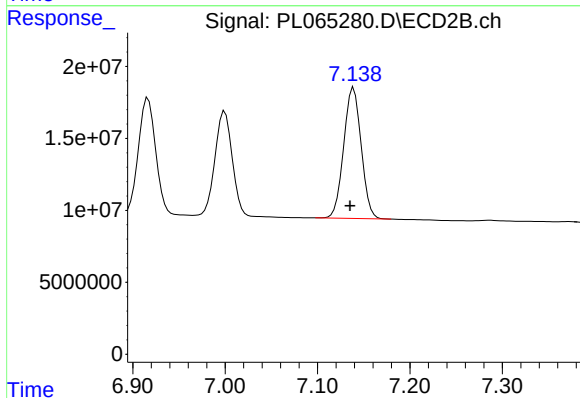
R.T.: 6.917 min  
Delta R.T.: 0.004 min  
Response: 108357224  
Conc: 59.99 ng/ml



#19 Endosulfan Sulfate

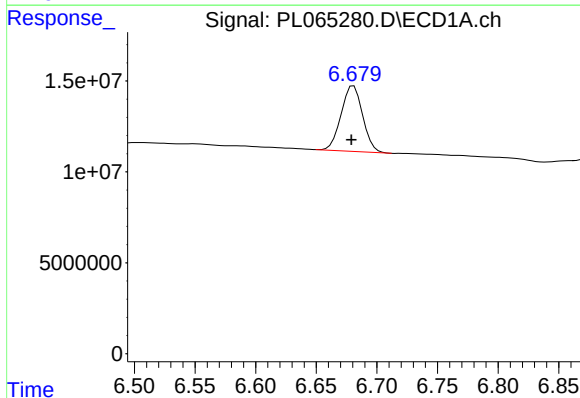
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 126058004  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



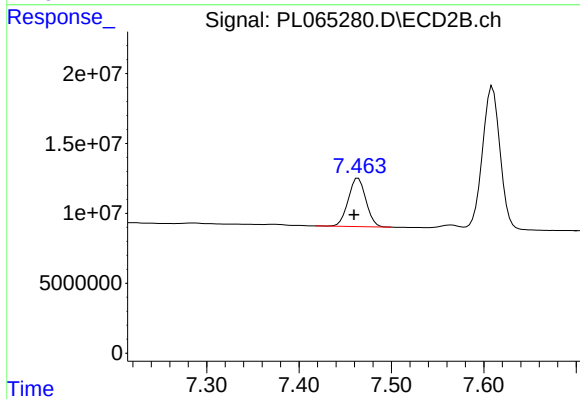
#19 Endosulfan Sulfate

R.T.: 7.139 min  
Delta R.T.: 0.004 min  
Response: 119452660  
Conc: 50.89 ng/ml



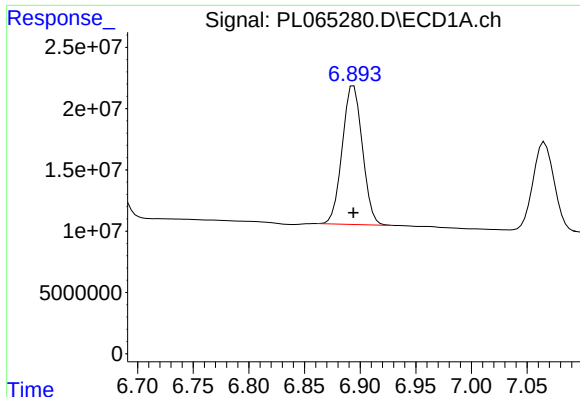
#20 Methoxychlor

R.T.: 6.681 min  
Delta R.T.: 0.002 min  
Response: 44314515  
Conc: 47.42 ng/ml



#20 Methoxychlor

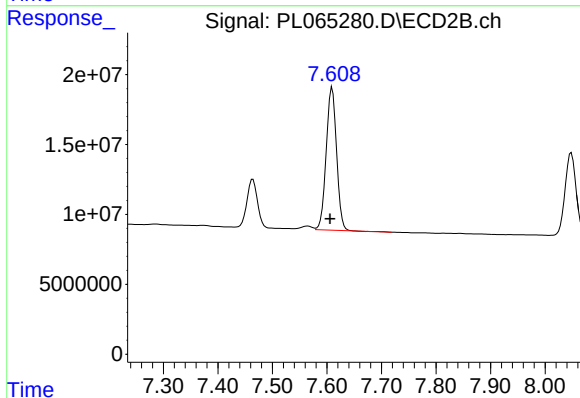
R.T.: 7.464 min  
Delta R.T.: 0.004 min  
Response: 45963420  
Conc: 49.55 ng/ml



#21 Endrin ketone

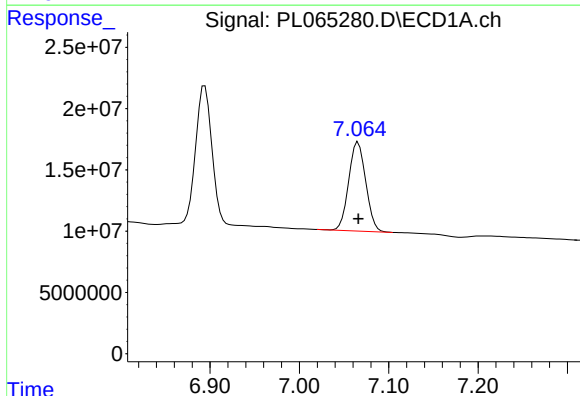
R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 142413894  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



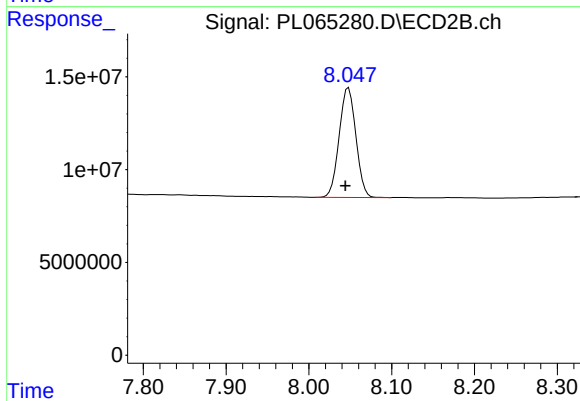
#21 Endrin ketone

R.T.: 7.610 min  
Delta R.T.: 0.004 min  
Response: 134542643  
Conc: 51.46 ng/ml



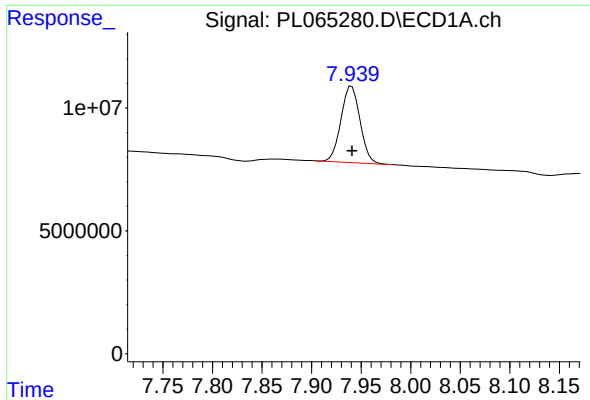
#22 Mirex

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 96336936  
Conc: 49.97 ng/ml



#22 Mirex

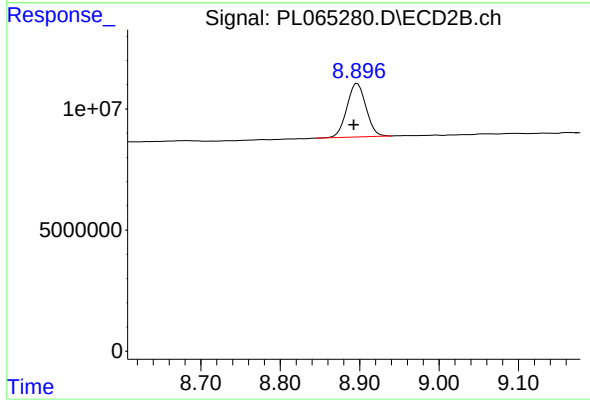
R.T.: 8.048 min  
Delta R.T.: 0.004 min  
Response: 83137627  
Conc: 51.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min  
Delta R.T.: 0.000 min  
Response: 41435319  
Conc: 19.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135086BS



#28 Decachlorobiphenyl

R.T.: 8.897 min  
Delta R.T.: 0.005 min  
Response: 37014162  
Conc: 20.15 ng/ml