

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122320\  
 Data File : PL063780.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2020 14:55  
 Operator : AR\AJ  
 Sample : PB133774BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB133774BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 23 22:23:28 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 22 14:02:42 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... | 3.440 | 4.111 | 67315503 | 56058230 | 22.454 | 21.958 |
| 2)                          | SA Decachlor... | 8.180 | 9.267 | 50651930 | 36964941 | 18.384 | 18.749 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.875 | 4.512 | 262.2E6  | 188.5E6  | 52.516 | 52.336 |
| 3)                          | MA gamma-BHC... | 4.156 | 4.804 | 238.7E6  | 174.5E6  | 52.226 | 51.141 |
| 4)                          | MA Heptachlor   | 4.456 | 5.316 | 217.5E6  | 158.3E6  | 51.637 | 49.562 |
| 5)                          | MB Aldrin       | 4.702 | 5.627 | 203.0E6  | 138.0E6  | 50.832 | 48.227 |
| 6)                          | B beta-BHC      | 4.404 | 4.979 | 98783658 | 83450285 | 51.109 | 47.541 |
| 7)                          | B delta-BHC     | 4.607 | 5.201 | 239.0E6  | 168.6E6  | 52.732 | 51.277 |
| 8)                          | B Heptachlo...  | 5.144 | 6.020 | 196.8E6  | 135.6E6  | 52.371 | 48.863 |
| 9)                          | A Endosulfan I  | 5.480 | 6.382 | 181.8E6  | 120.6E6  | 52.504 | 47.940 |
| 10)                         | B gamma-Chl...  | 5.370 | 6.255 | 196.7E6  | 131.7E6  | 51.728 | 47.596 |
| 11)                         | B alpha-Chl...  | 5.428 | 6.328 | 191.8E6  | 129.5E6  | 51.124 | 46.919 |
| 12)                         | B 4,4'-DDE      | 5.595 | 6.484 | 174.5E6  | 113.1E6  | 50.761 | 45.776 |
| 13)                         | MA Dieldrin     | 5.723 | 6.643 | 186.4E6  | 122.0E6  | 51.436 | 46.843 |
| 14)                         | MA Endrin       | 5.977 | 6.864 | 156.2E6  | 94319313 | 53.595 | 48.603 |
| 15)                         | B Endosulfa...  | 6.249 | 7.077 | 153.4E6  | 100.6E6  | 46.524 | 42.681 |
| 16)                         | A 4,4'-DDD      | 6.109 | 6.982 | 144.5E6  | 95691917 | 49.394 | 45.262 |
| 17)                         | MA 4,4'-DDT     | 6.349 | 7.282 | 134.4E6  | 90566879 | 50.703 | 46.553 |
| 18)                         | B Endrin al...  | 6.418 | 7.203 | 117.8E6  | 81881444 | 42.550 | 40.615 |
| 19)                         | B Endosulfa...  | 6.630 | 7.426 | 153.0E6  | 100.6E6  | 48.601 | 44.731 |
| 20)                         | A Methoxychlor  | 6.896 | 7.740 | 64625658 | 47124093 | 49.190 | 44.665 |
| 21)                         | B Endrin ke...  | 7.118 | 7.905 | 161.2E6  | 108.0E6  | 46.361 | 43.811 |
| 22)                         | Mirex           | 7.305 | 8.357 | 113.3E6  | 75365576 | 45.125 | 41.781 |
| -----                       |                 |       |       |          |          |        |        |

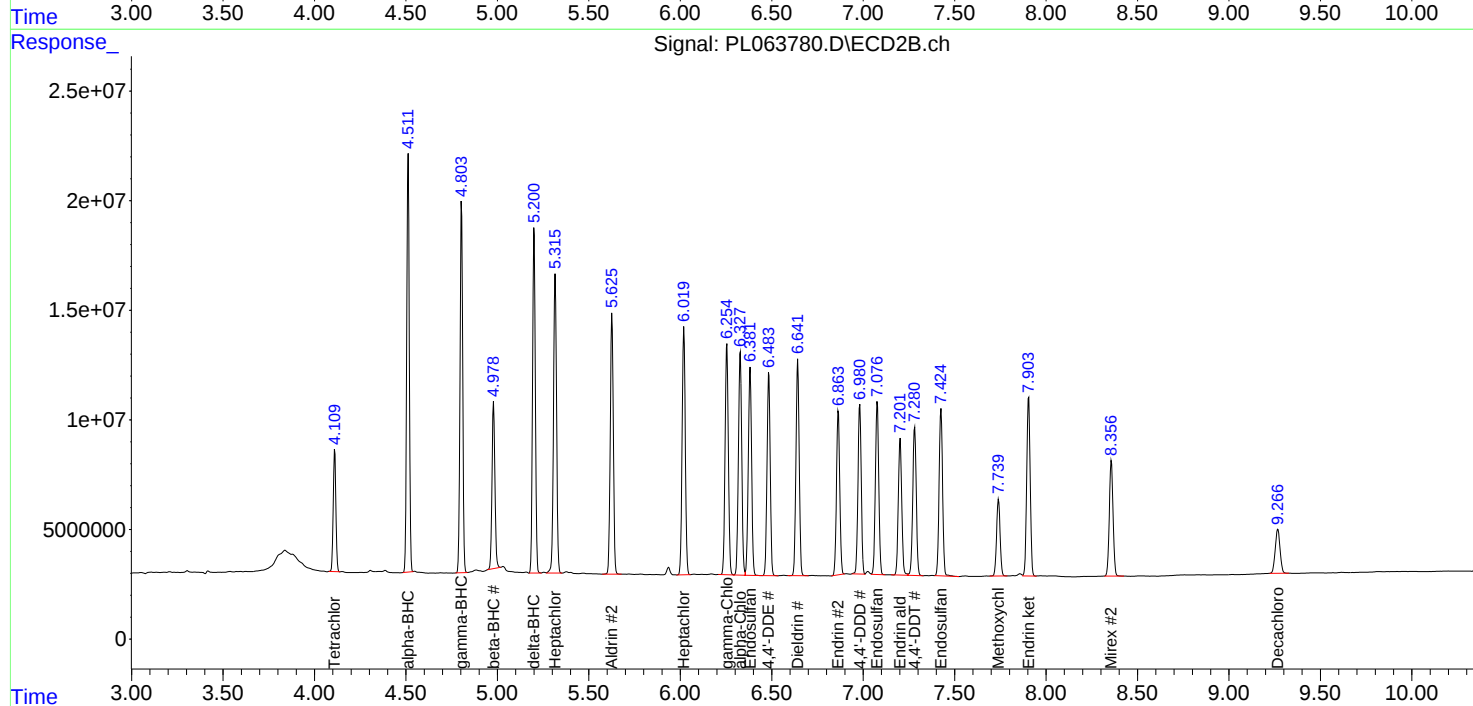
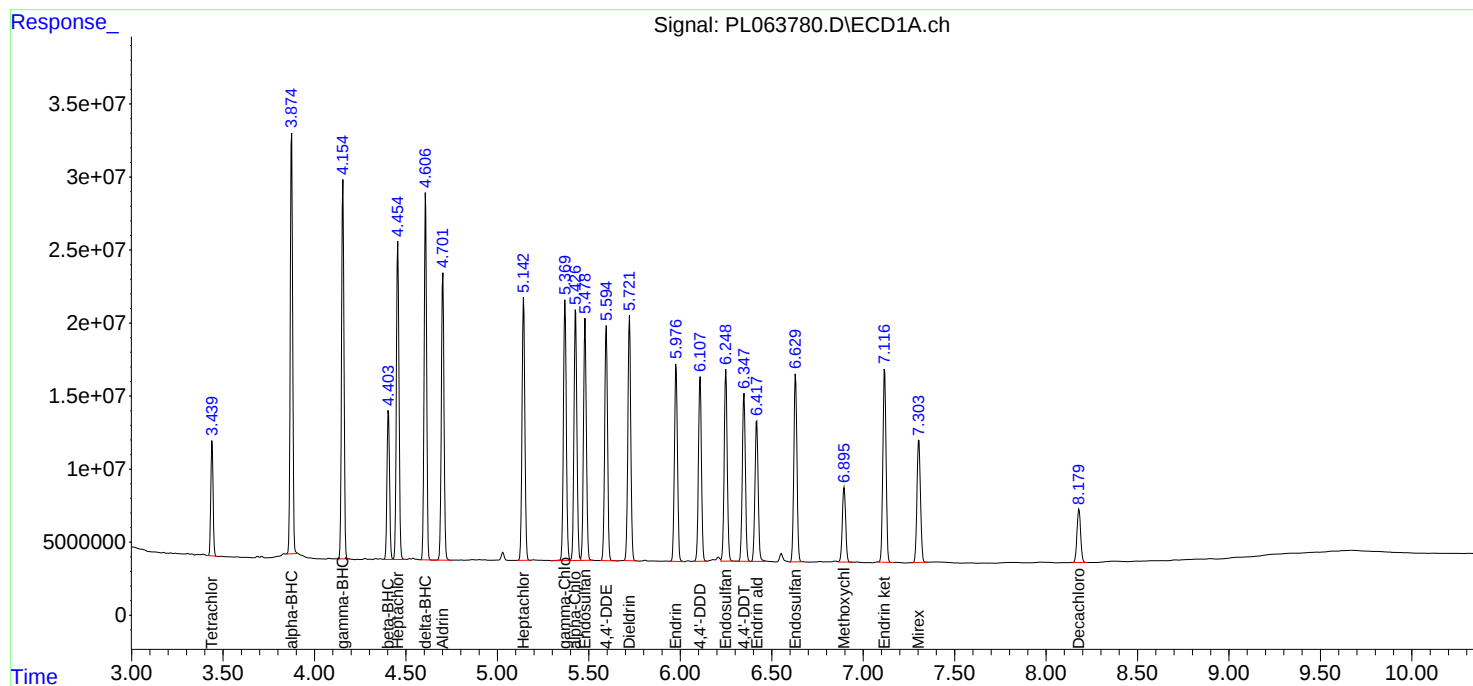
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

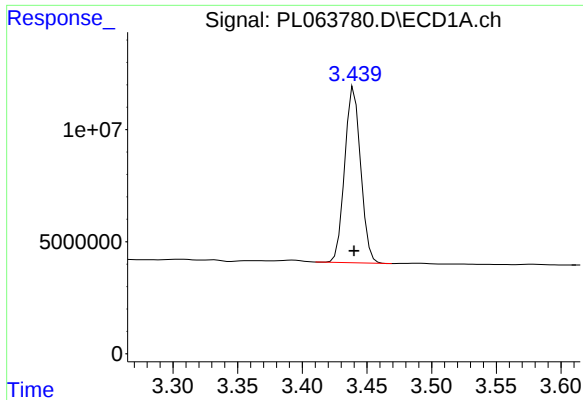
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122320\  
Data File : PL063780.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Dec 2020 14:55  
Operator : AR\AJ  
Sample : PB133774BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 23 22:23:28 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122220.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 22 14:02:42 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

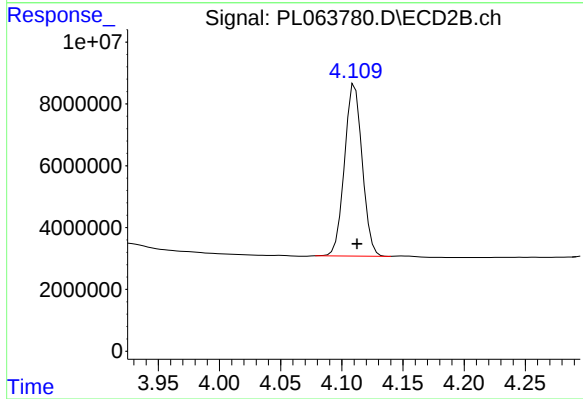




#1 Tetrachloro-m-xylene

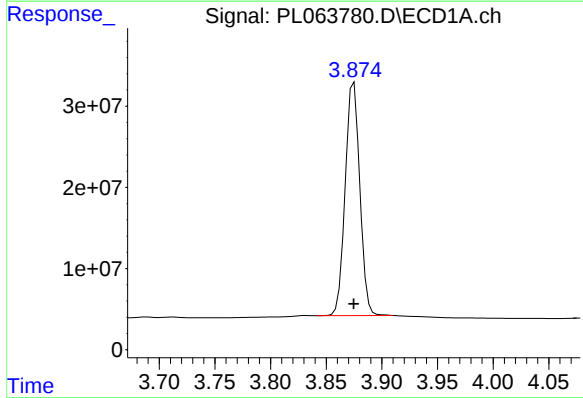
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 67315503  
Conc: 22.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



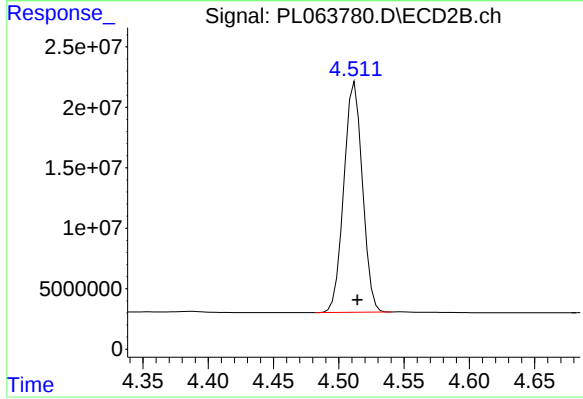
#1 Tetrachloro-m-xylene

R.T.: 4.111 min  
Delta R.T.: -0.002 min  
Response: 56058230  
Conc: 21.96 ng/ml



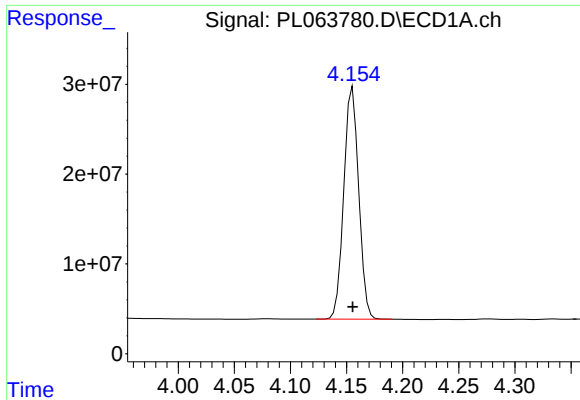
#2 alpha-BHC

R.T.: 3.875 min  
Delta R.T.: 0.000 min  
Response: 262160592  
Conc: 52.52 ng/ml



#2 alpha-BHC

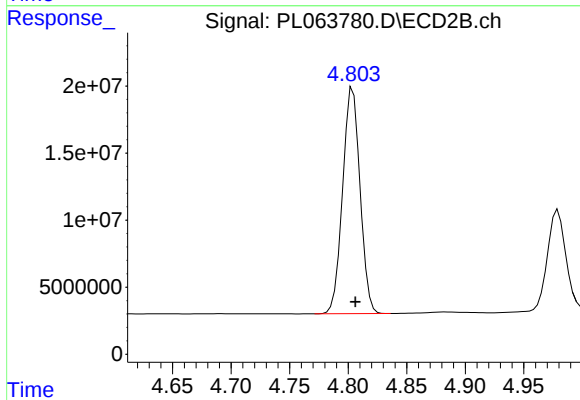
R.T.: 4.512 min  
Delta R.T.: -0.002 min  
Response: 188538044  
Conc: 52.34 ng/ml



#3 gamma-BHC (Lindane)

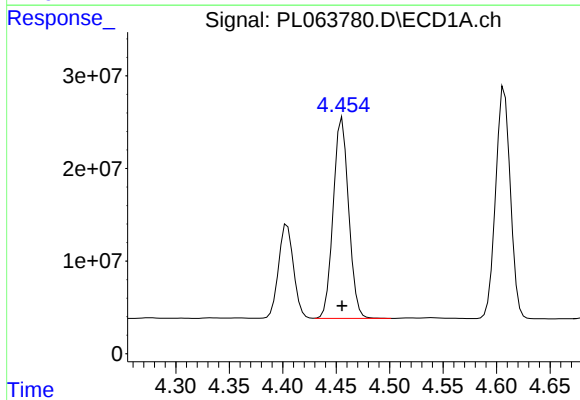
R.T.: 4.156 min  
Delta R.T.: 0.000 min  
Response: 238729069  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



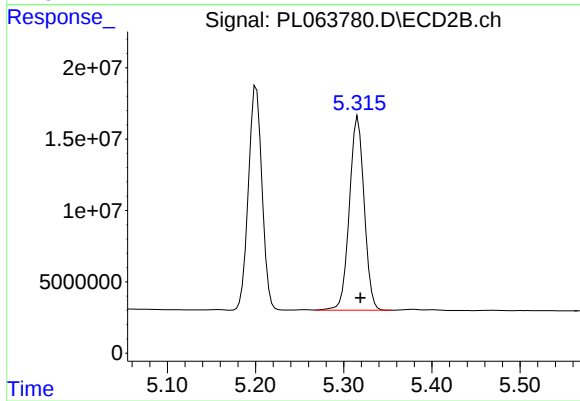
#3 gamma-BHC (Lindane)

R.T.: 4.804 min  
Delta R.T.: -0.002 min  
Response: 174456162  
Conc: 51.14 ng/ml



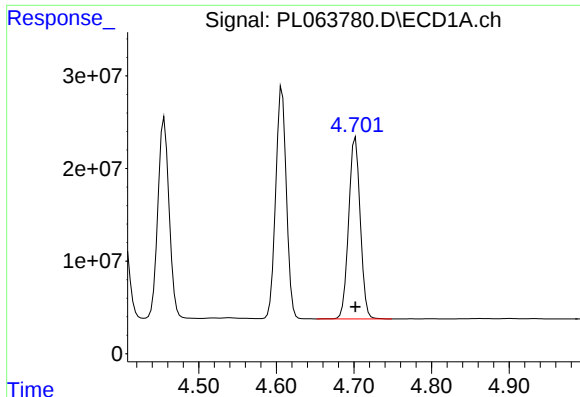
#4 Heptachlor

R.T.: 4.456 min  
Delta R.T.: 0.000 min  
Response: 217452570  
Conc: 51.64 ng/ml



#4 Heptachlor

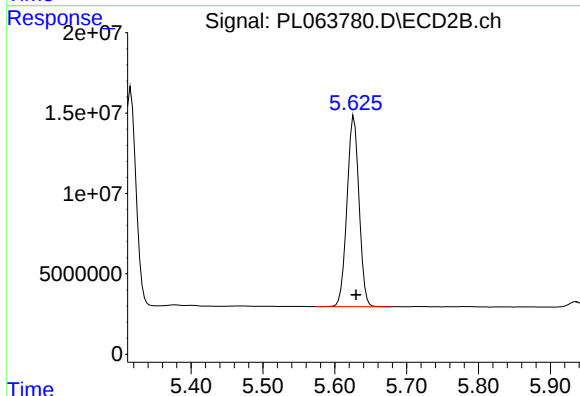
R.T.: 5.316 min  
Delta R.T.: -0.002 min  
Response: 158251753  
Conc: 49.56 ng/ml



#5 Aldrin

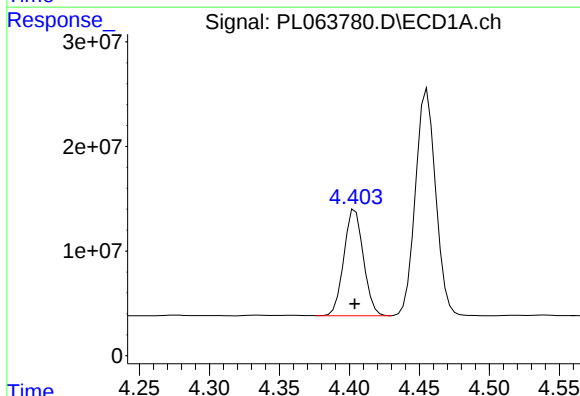
R.T.: 4.702 min  
Delta R.T.: 0.000 min  
Response: 203031854  
Conc: 50.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



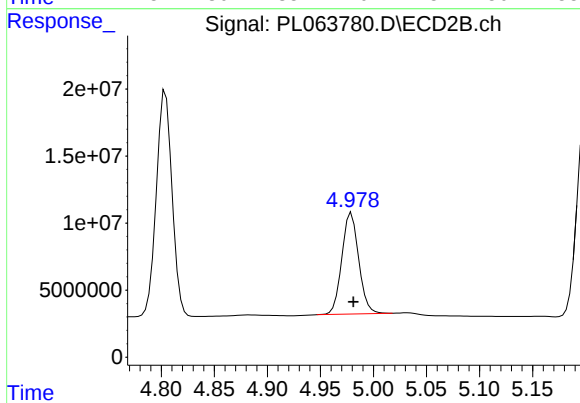
#5 Aldrin

R.T.: 5.627 min  
Delta R.T.: -0.003 min  
Response: 138043253  
Conc: 48.23 ng/ml



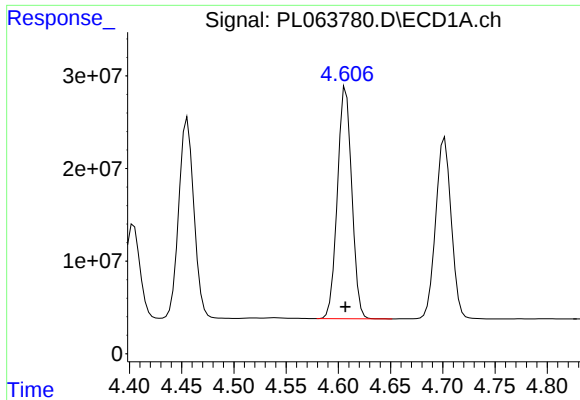
#6 beta-BHC

R.T.: 4.404 min  
Delta R.T.: 0.000 min  
Response: 98783658  
Conc: 51.11 ng/ml



#6 beta-BHC

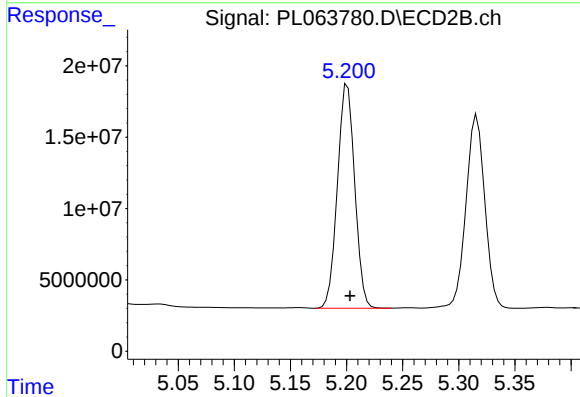
R.T.: 4.979 min  
Delta R.T.: -0.002 min  
Response: 83450285  
Conc: 47.54 ng/ml



#7 delta-BHC

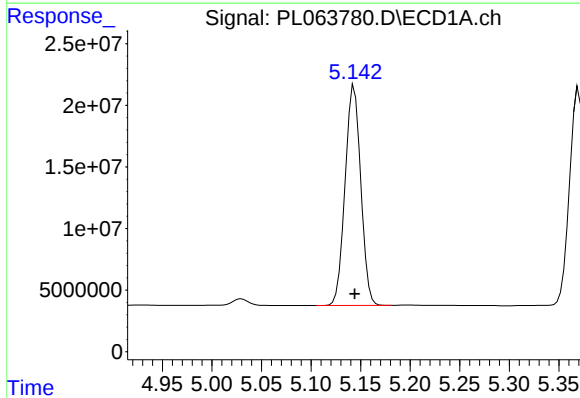
R.T.: 4.607 min  
Delta R.T.: 0.000 min  
Response: 238994955  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



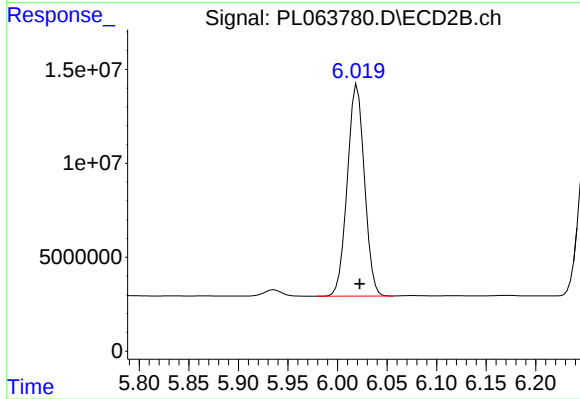
#7 delta-BHC

R.T.: 5.201 min  
Delta R.T.: -0.002 min  
Response: 168568403  
Conc: 51.28 ng/ml



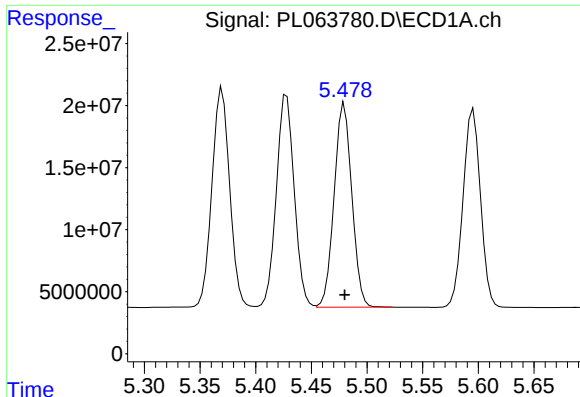
#8 Heptachlor epoxide

R.T.: 5.144 min  
Delta R.T.: 0.000 min  
Response: 196756484  
Conc: 52.37 ng/ml



#8 Heptachlor epoxide

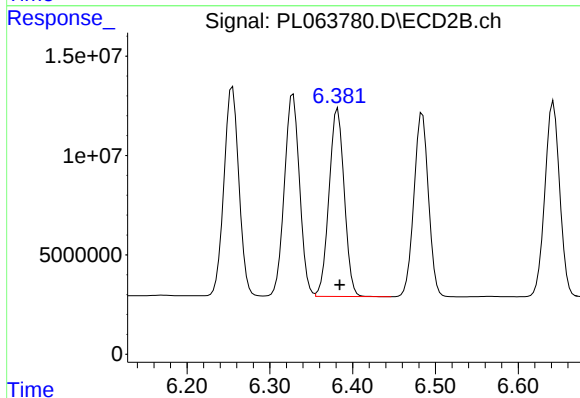
R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 135599881  
Conc: 48.86 ng/ml



#9 Endosulfan I

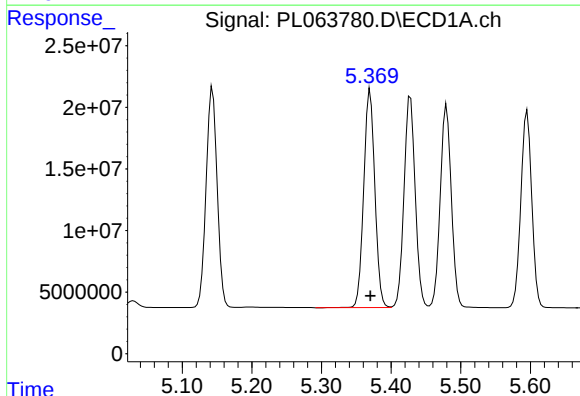
R.T.: 5.480 min  
Delta R.T.: 0.000 min  
Response: 181788596  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



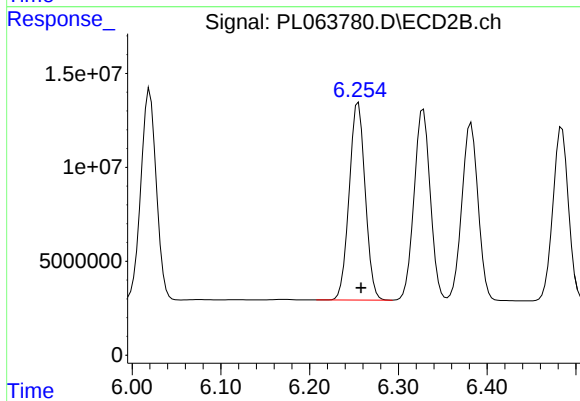
#9 Endosulfan I

R.T.: 6.382 min  
Delta R.T.: -0.002 min  
Response: 120590854  
Conc: 47.94 ng/ml



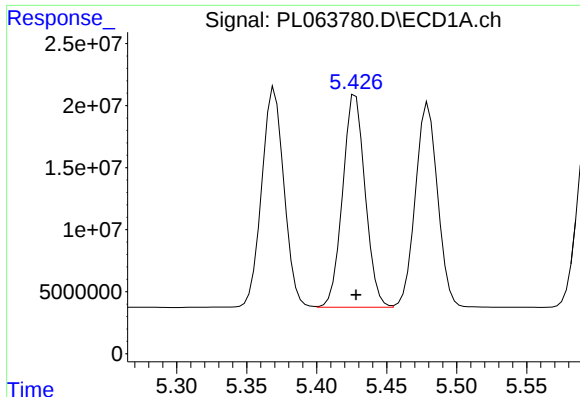
#10 gamma-Chlordane

R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 196661662  
Conc: 51.73 ng/ml



#10 gamma-Chlordane

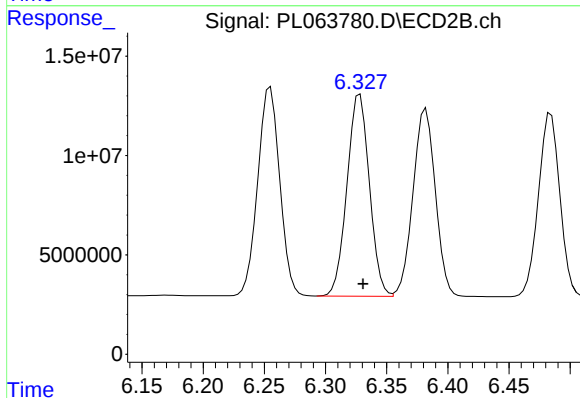
R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 131694671  
Conc: 47.60 ng/ml



#11 alpha-Chlordane

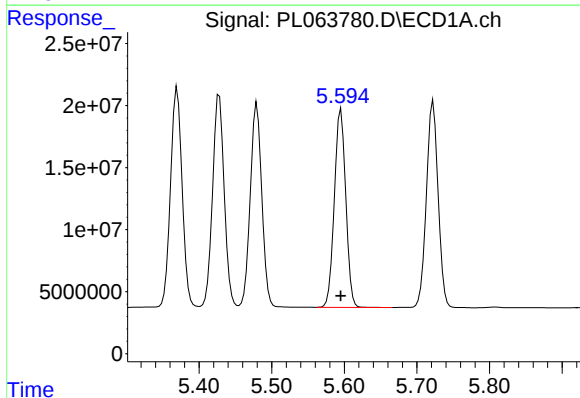
R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 191786401  
Conc: 51.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



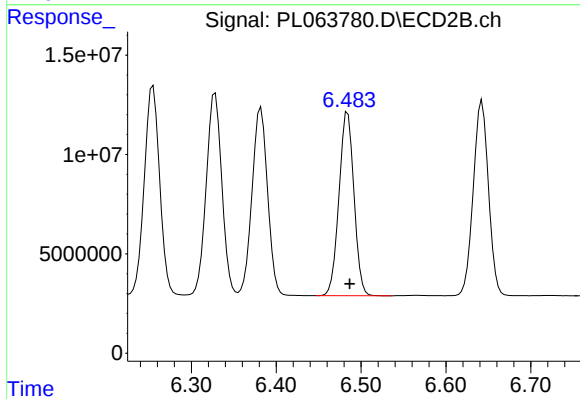
#11 alpha-Chlordane

R.T.: 6.328 min  
Delta R.T.: -0.002 min  
Response: 129506568  
Conc: 46.92 ng/ml



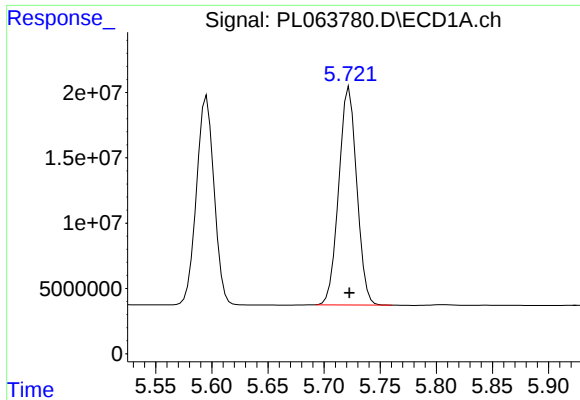
#12 4,4'-DDE

R.T.: 5.595 min  
Delta R.T.: 0.000 min  
Response: 174505896  
Conc: 50.76 ng/ml



#12 4,4'-DDE

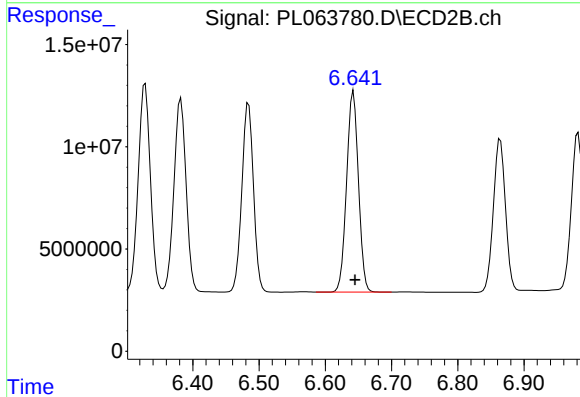
R.T.: 6.484 min  
Delta R.T.: -0.002 min  
Response: 113050383  
Conc: 45.78 ng/ml



#13 Dieldrin

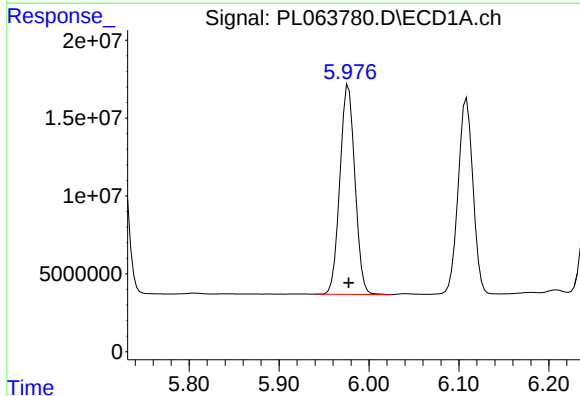
R.T.: 5.723 min  
Delta R.T.: 0.000 min  
Response: 186429103  
Conc: 51.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



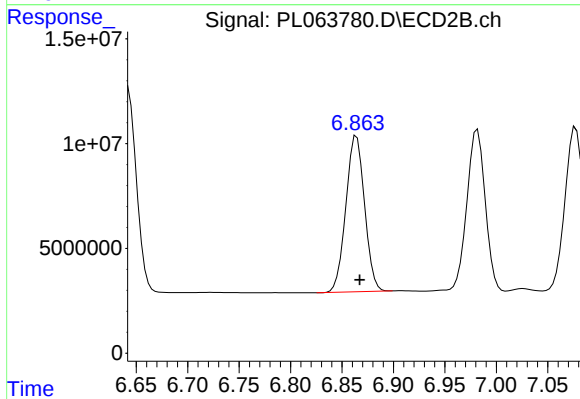
#13 Dieldrin

R.T.: 6.643 min  
Delta R.T.: -0.003 min  
Response: 122028197  
Conc: 46.84 ng/ml



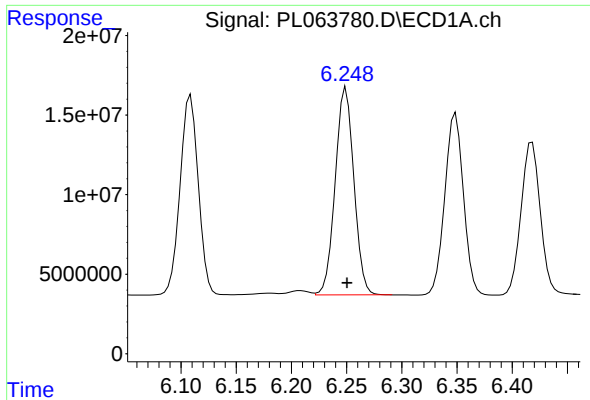
#14 Endrin

R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 156194871  
Conc: 53.59 ng/ml



#14 Endrin

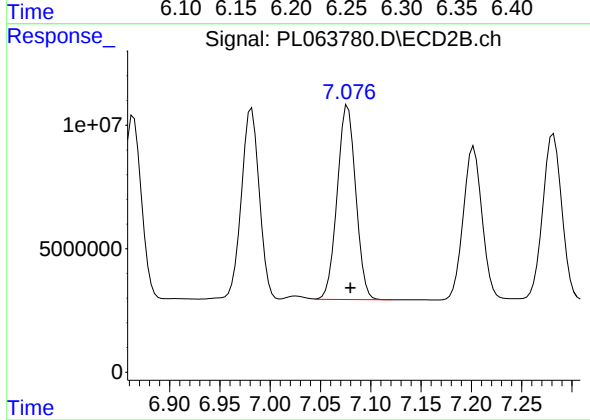
R.T.: 6.864 min  
Delta R.T.: -0.003 min  
Response: 94319313  
Conc: 48.60 ng/ml



#15 Endosulfan II

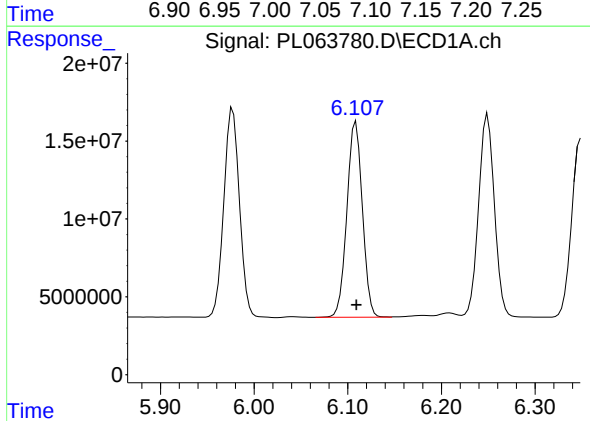
R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 153358952  
Conc: 46.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



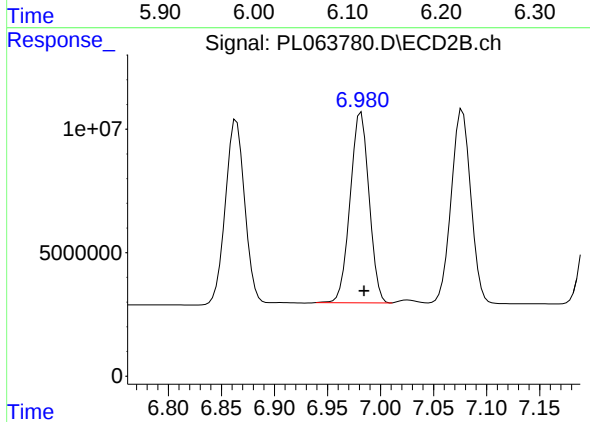
#15 Endosulfan II

R.T.: 7.077 min  
Delta R.T.: -0.003 min  
Response: 100615403  
Conc: 42.68 ng/ml



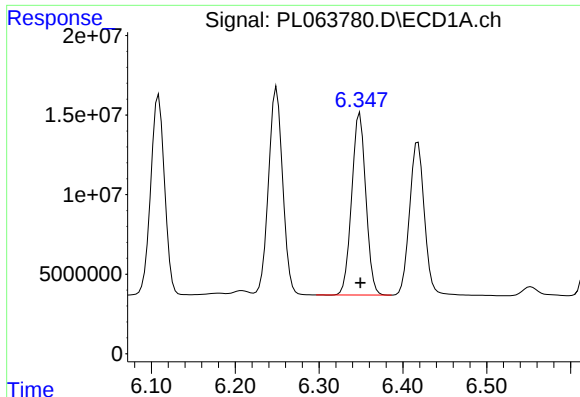
#16 4,4'-DDD

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 144469077  
Conc: 49.39 ng/ml



#16 4,4'-DDD

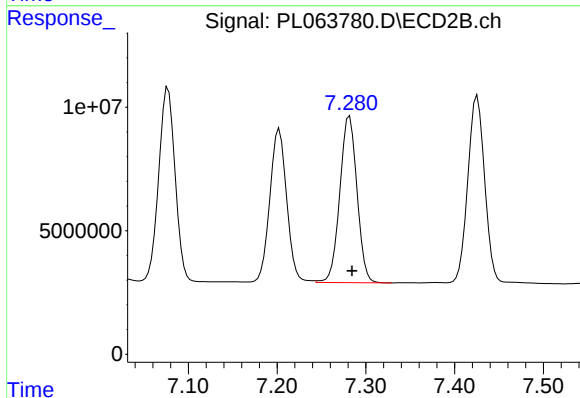
R.T.: 6.982 min  
Delta R.T.: -0.003 min  
Response: 95691917  
Conc: 45.26 ng/ml



#17 4,4'-DDT

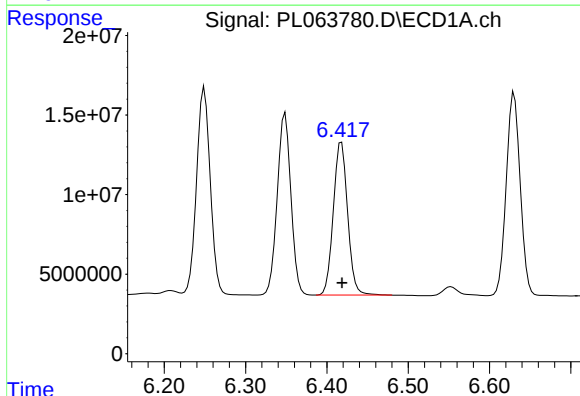
R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 134364779  
Conc: 50.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



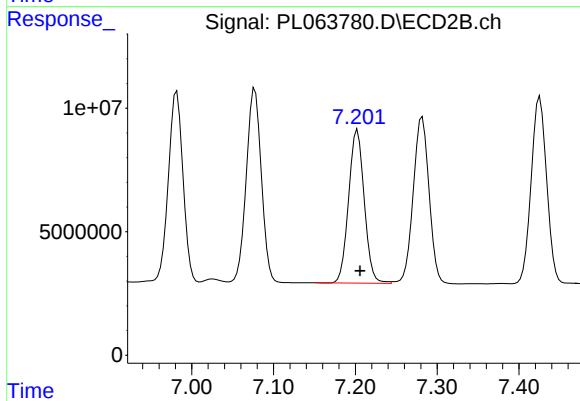
#17 4,4'-DDT

R.T.: 7.282 min  
Delta R.T.: -0.003 min  
Response: 90566879  
Conc: 46.55 ng/ml



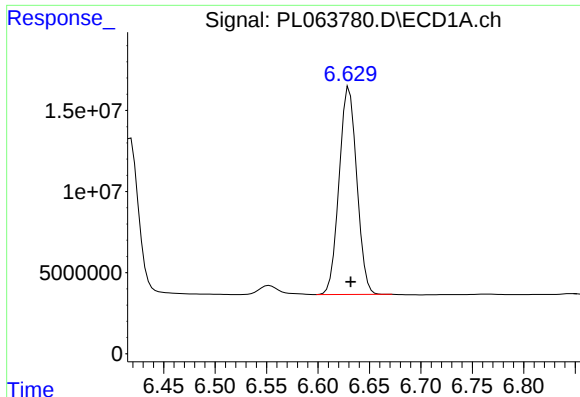
#18 Endrin aldehyde

R.T.: 6.418 min  
Delta R.T.: 0.000 min  
Response: 117758202  
Conc: 42.55 ng/ml



#18 Endrin aldehyde

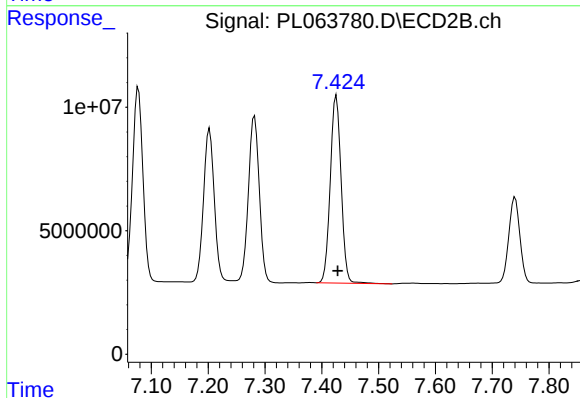
R.T.: 7.203 min  
Delta R.T.: -0.003 min  
Response: 81881444  
Conc: 40.62 ng/ml



#19 Endosulfan Sulfate

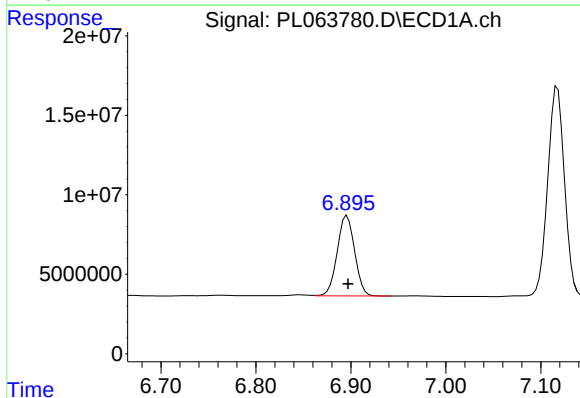
R.T.: 6.630 min  
Delta R.T.: -0.001 min  
Response: 153037349  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



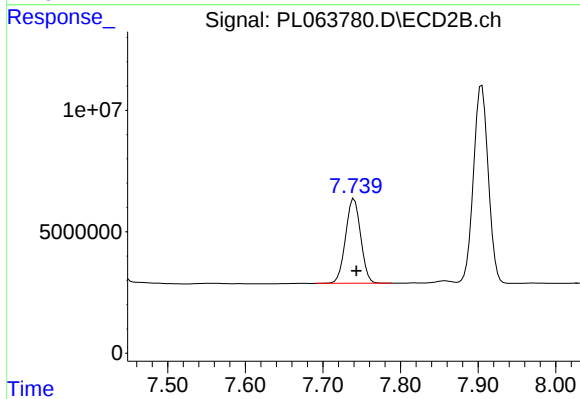
#19 Endosulfan Sulfate

R.T.: 7.426 min  
Delta R.T.: -0.003 min  
Response: 100596270  
Conc: 44.73 ng/ml



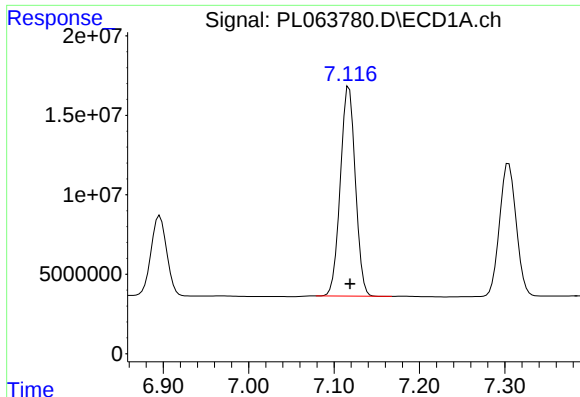
#20 Methoxychlor

R.T.: 6.896 min  
Delta R.T.: -0.001 min  
Response: 64625658  
Conc: 49.19 ng/ml



#20 Methoxychlor

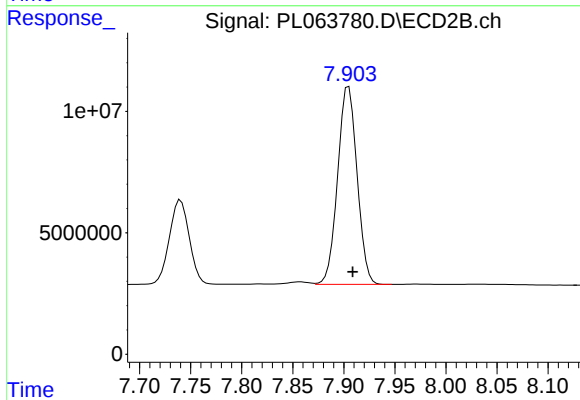
R.T.: 7.740 min  
Delta R.T.: -0.003 min  
Response: 47124093  
Conc: 44.67 ng/ml



#21 Endrin ketone

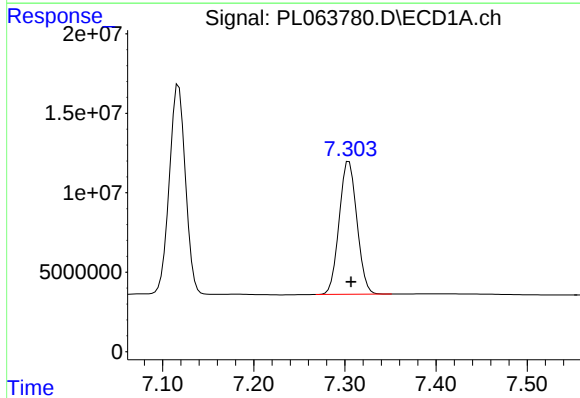
R.T.: 7.118 min  
Delta R.T.: -0.001 min  
Response: 161181590  
Conc: 46.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



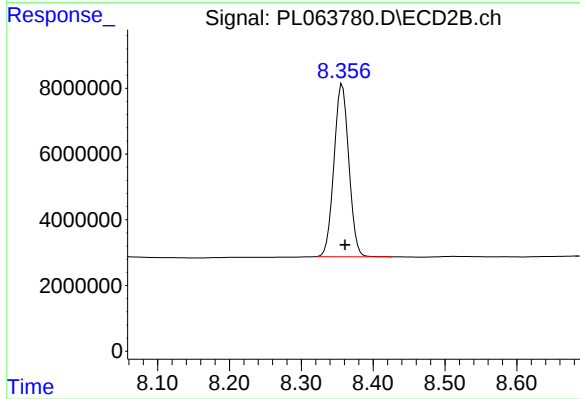
#21 Endrin ketone

R.T.: 7.905 min  
Delta R.T.: -0.004 min  
Response: 108040074  
Conc: 43.81 ng/ml



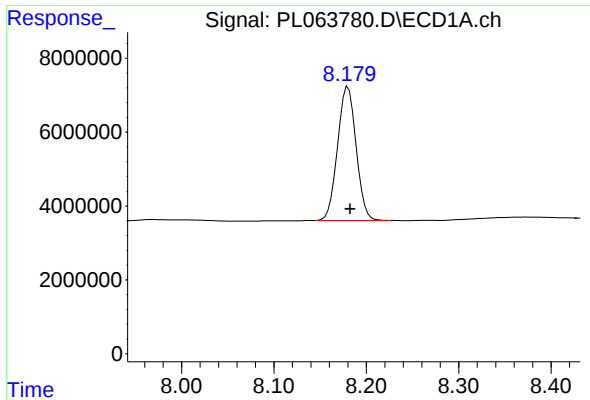
#22 Mirex

R.T.: 7.305 min  
Delta R.T.: -0.002 min  
Response: 113308615  
Conc: 45.12 ng/ml



#22 Mirex

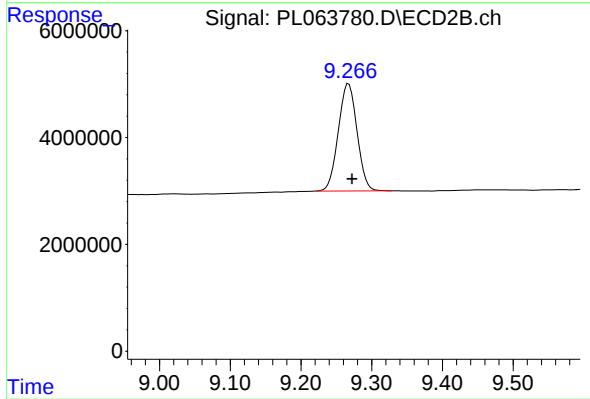
R.T.: 8.357 min  
Delta R.T.: -0.004 min  
Response: 75365576  
Conc: 41.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.180 min  
Delta R.T.: -0.002 min  
Response: 50651930  
Conc: 18.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB133774BS



#28 Decachlorobiphenyl

R.T.: 9.267 min  
Delta R.T.: -0.005 min  
Response: 36964941  
Conc: 18.75 ng/ml