

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
 Data File : PL059981.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2020 20:58  
 Operator : DD\AJ  
 Sample : PB130243BS  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB130243BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 04:54:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.465 | 4.012 | 41461097 | 56804918 | 21.435 | 21.434 |
| 28)                         | SA Decachlor... | 8.226 | 9.100 | 30476706 | 41112471 | 18.526 | 19.658 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.902 | 4.402 | 154.9E6  | 212.2E6  | 53.901 | 54.959 |
| 3)                          | MA gamma-BHC... | 4.186 | 4.686 | 131.5E6  | 192.9E6  | 53.261 | 53.178 |
| 4)                          | MA Heptachlor   | 4.489 | 5.198 | 118.6E6  | 178.5E6  | 52.878 | 53.056 |
| 5)                          | MB Aldrin       | 4.737 | 5.504 | 106.2E6  | 167.6E6  | 53.797 | 53.813 |
| 6)                          | B beta-BHC      | 4.436 | 4.857 | 57272119 | 87883156 | 56.080 | 58.130 |
| 7)                          | B delta-BHC     | 4.641 | 5.074 | 123.9E6  | 176.4E6  | 55.747 | 56.616 |
| 8)                          | B Heptachlo...  | 5.180 | 5.891 | 98378842 | 151.2E6  | 53.598 | 56.144 |
| 9)                          | A Endosulfan I  | 5.519 | 6.249 | 91762336 | 145.1E6  | 54.546 | 54.397 |
| 10)                         | B gamma-Chl...  | 5.408 | 6.126 | 98006955 | 156.0E6  | 54.024 | 54.466 |
| 11)                         | B alpha-Chl...  | 5.466 | 6.199 | 95839764 | 154.2E6  | 53.147 | 53.946 |
| 12)                         | B 4,4'-DDE      | 5.632 | 6.357 | 90732902 | 144.4E6  | 54.483 | 53.950 |
| 13)                         | MA Dieldrin     | 5.762 | 6.507 | 97015156 | 148.5E6  | 54.980 | 53.699 |
| 14)                         | MA Endrin       | 6.019 | 6.725 | 73119152 | 107.1E6  | 50.234 | 50.328 |
| 15)                         | B Endosulfa...  | 6.292 | 6.934 | 85454520 | 122.8E6  | 51.166 | 48.890 |
| 16)                         | A 4,4'-DDD      | 6.148 | 6.848 | 82399201 | 123.8E6  | 53.978 | 53.947 |
| 17)                         | MA 4,4'-DDT     | 6.388 | 7.148 | 64906946 | 92972575 | 49.922 | 47.217 |
| 18)                         | B Endrin al...  | 6.461 | 7.059 | 76313609 | 110.8E6  | 53.494 | 51.011 |
| 19)                         | B Endosulfa...  | 6.673 | 7.283 | 87249670 | 122.5E6  | 53.078 | 52.354 |
| 20)                         | A Methoxychlor  | 6.935 | 7.607 | 36580750 | 50992169 | 48.906 | 44.918 |
| 21)                         | B Endrin ke...  | 7.164 | 7.754 | 101.6E6  | 130.5E6  | 54.134 | 50.511 |
| 22)                         | Mirex           | 7.354 | 8.211 | 67788650 | 84064206 | 47.649 | 45.484 |
| -----                       |                 |       |       |          |          |        |        |

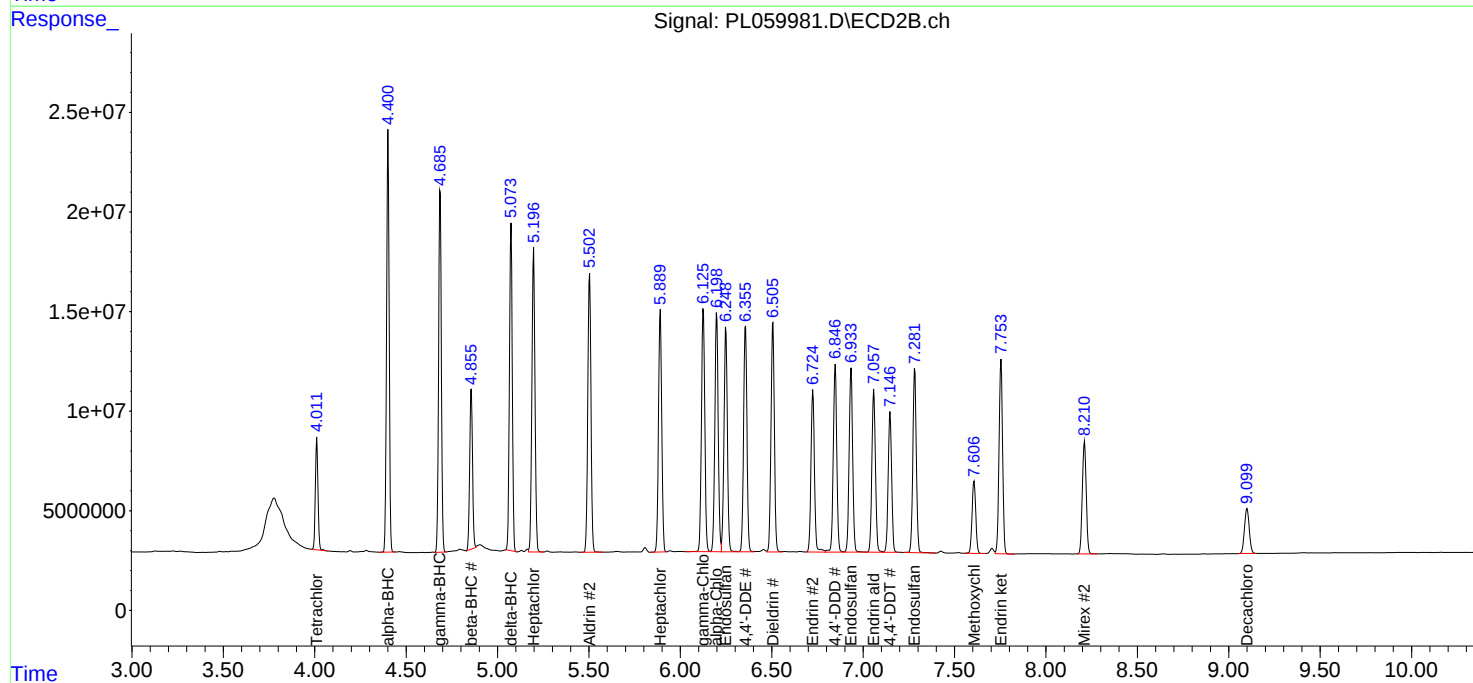
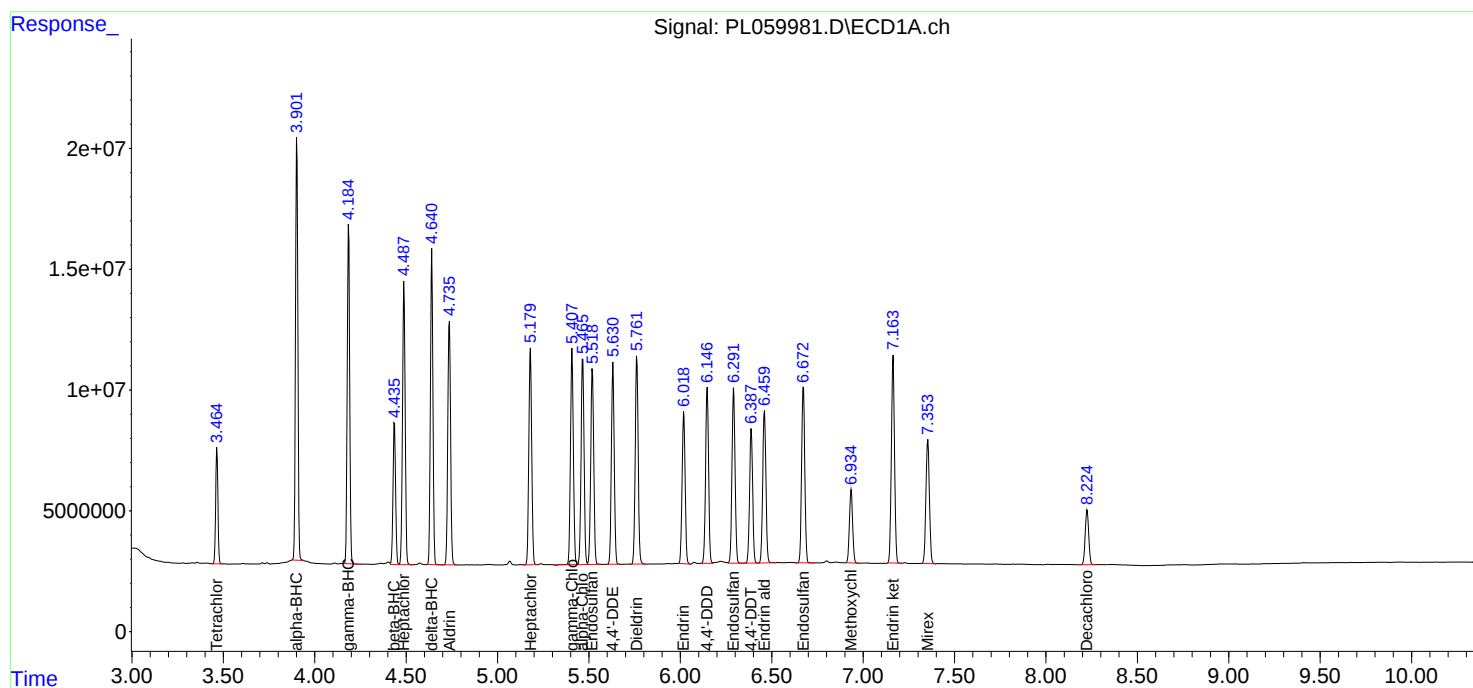
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

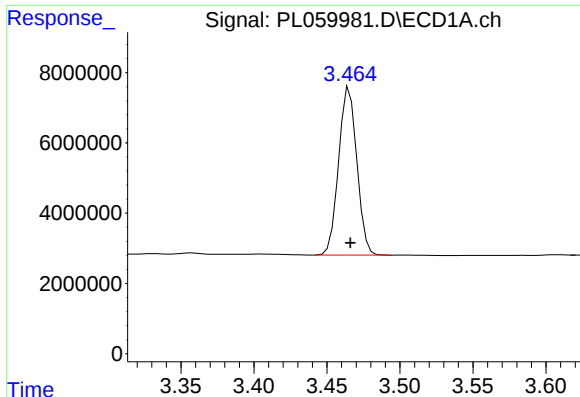
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
Data File : PL059981.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2020 20:58  
Operator : DD\AJ  
Sample : PB130243BS  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB130243BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 04:54:39 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 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

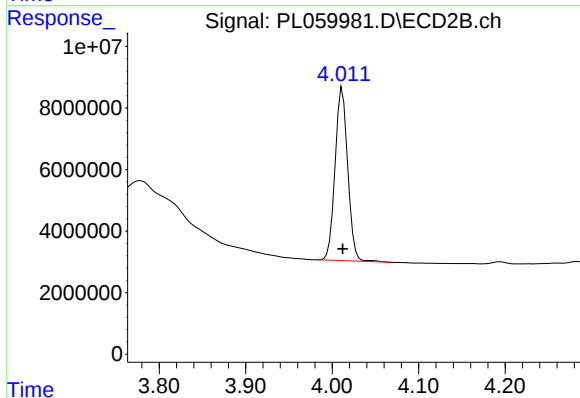




#1 Tetrachloro-m-xylene

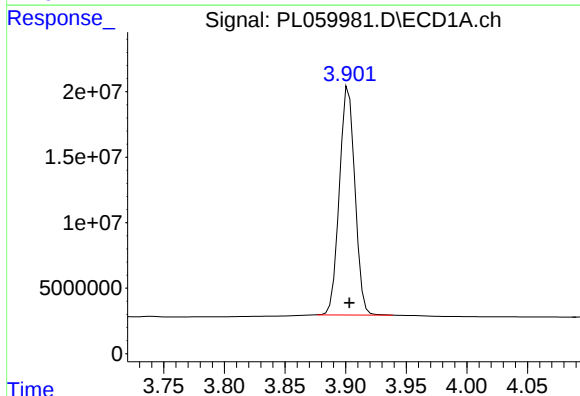
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 41461097  
Conc: 21.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



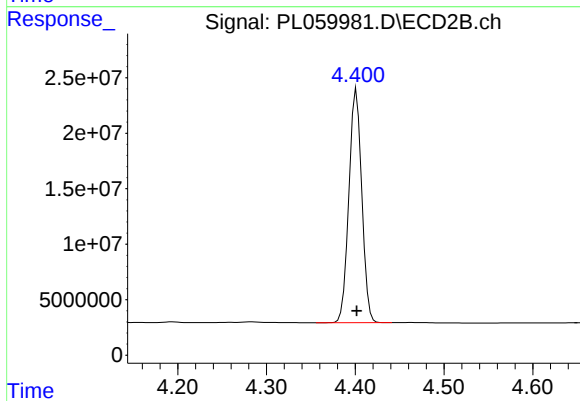
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 56804918  
Conc: 21.43 ng/ml



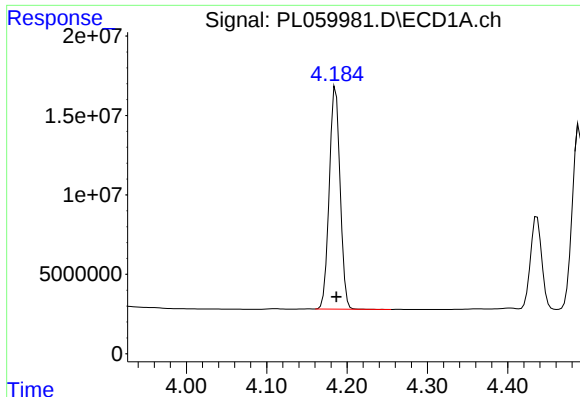
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 154929153  
Conc: 53.90 ng/ml



#2 alpha-BHC

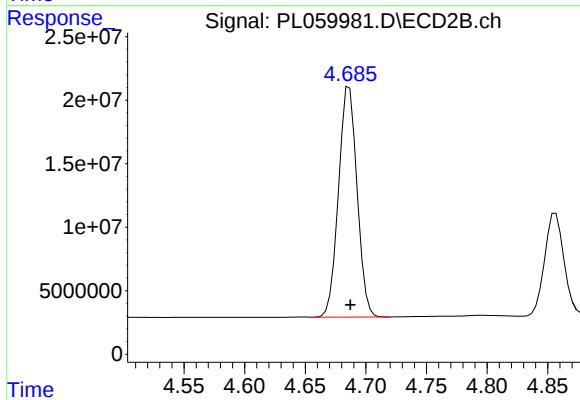
R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 212174304  
Conc: 54.96 ng/ml



#3 gamma-BHC (Lindane)

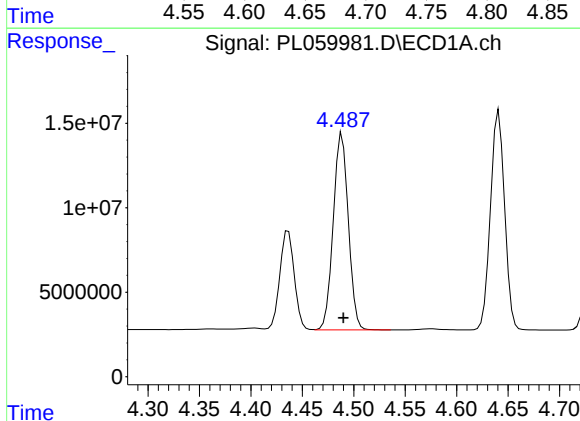
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 131533446  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



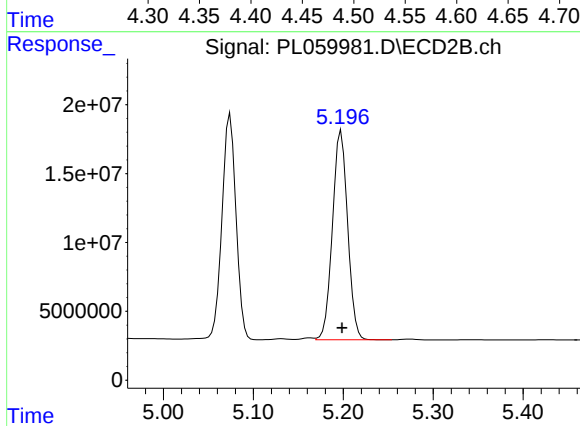
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 192874850  
Conc: 53.18 ng/ml



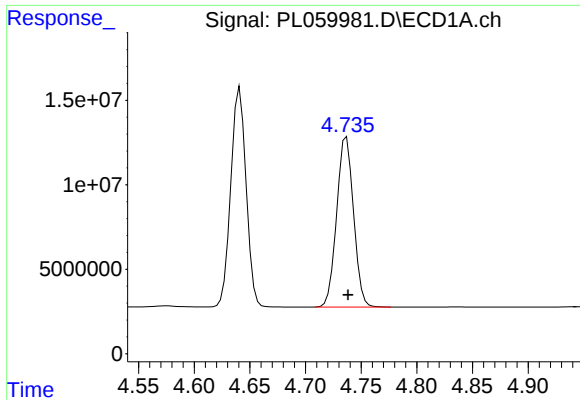
#4 Heptachlor

R.T.: 4.489 min  
Delta R.T.: -0.001 min  
Response: 118590170  
Conc: 52.88 ng/ml



#4 Heptachlor

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 178486471  
Conc: 53.06 ng/ml



#5 Aldrin

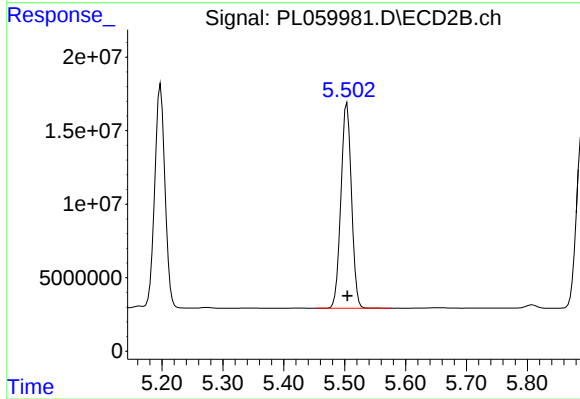
R.T.: 4.737 min

Delta R.T.: -0.001 min

Response: 106155066

Conc: 53.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



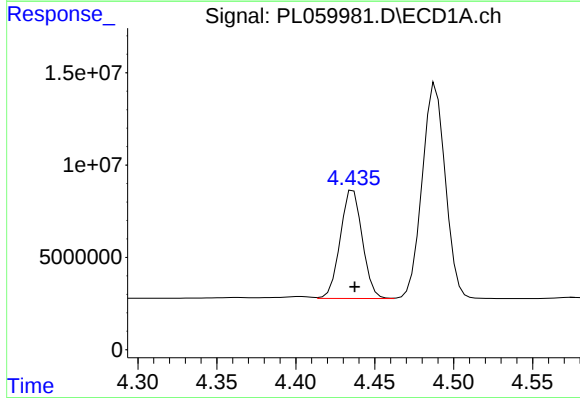
#5 Aldrin

R.T.: 5.504 min

Delta R.T.: 0.000 min

Response: 167612689

Conc: 53.81 ng/ml



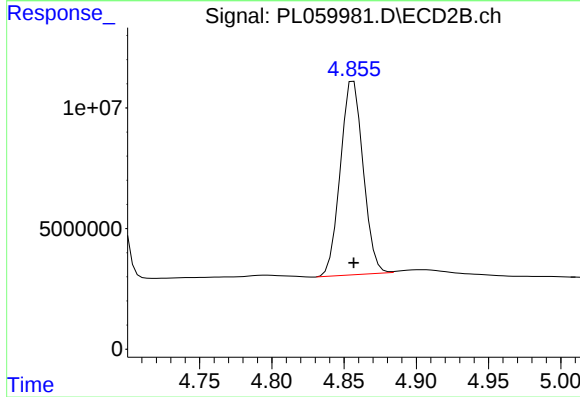
#6 beta-BHC

R.T.: 4.436 min

Delta R.T.: 0.000 min

Response: 57272119

Conc: 56.08 ng/ml



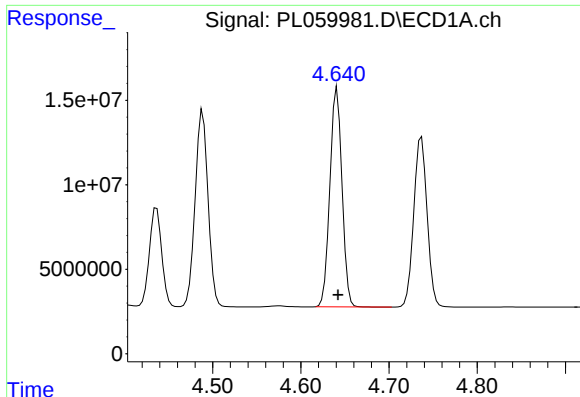
#6 beta-BHC

R.T.: 4.857 min

Delta R.T.: 0.000 min

Response: 87883156

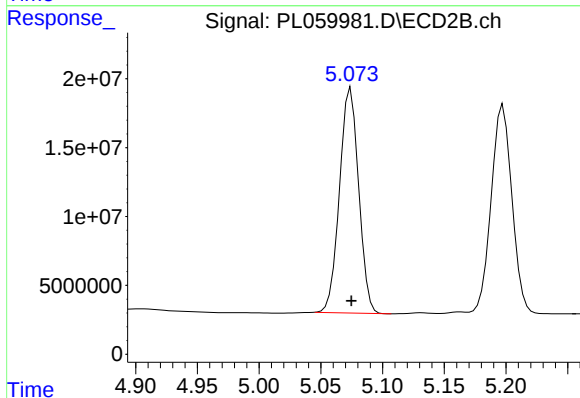
Conc: 58.13 ng/ml



#7 delta-BHC

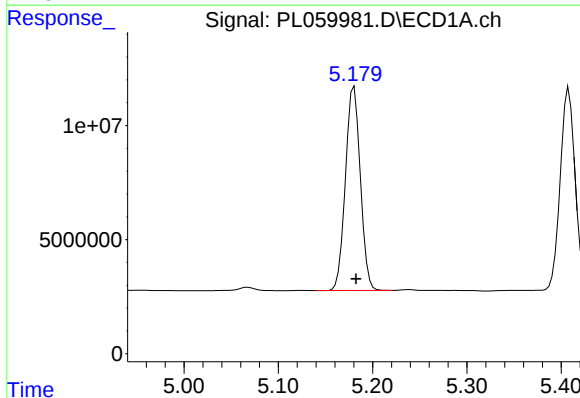
R.T.: 4.641 min  
Delta R.T.: -0.001 min  
Response: 123928924  
Conc: 55.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



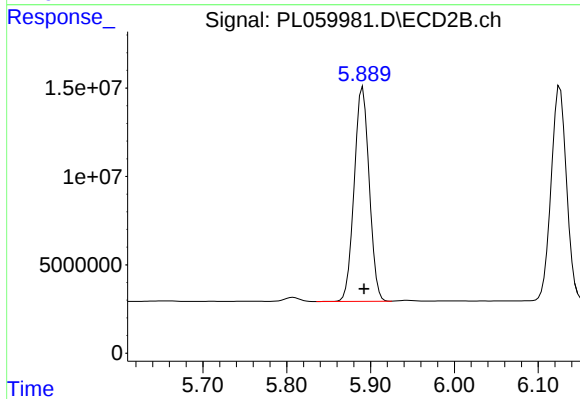
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 176399614  
Conc: 56.62 ng/ml



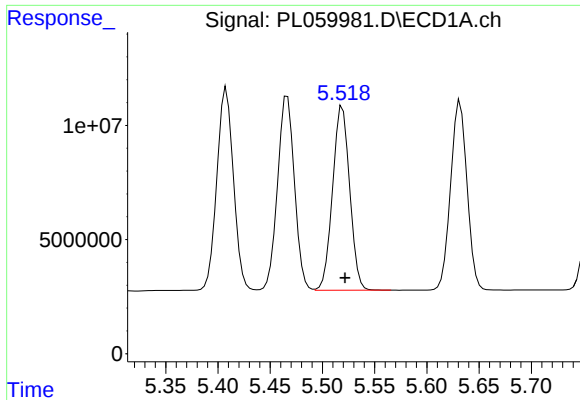
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.002 min  
Response: 98378842  
Conc: 53.60 ng/ml



#8 Heptachlor epoxide

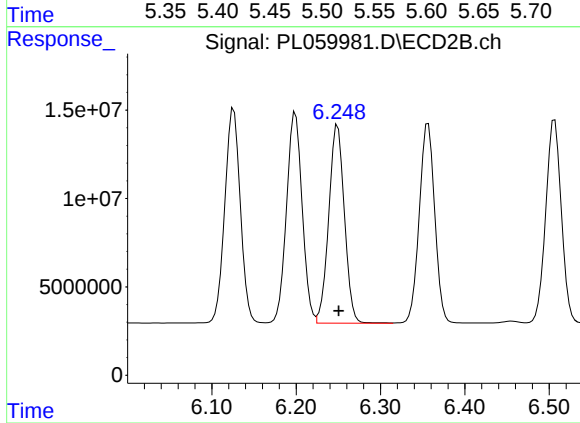
R.T.: 5.891 min  
Delta R.T.: -0.001 min  
Response: 151207975  
Conc: 56.14 ng/ml



#9 Endosulfan I

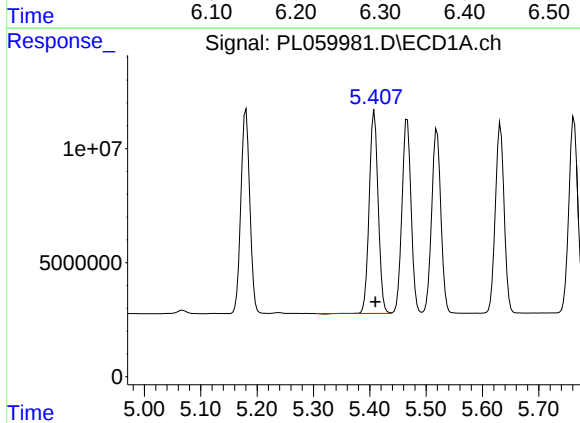
R.T.: 5.519 min  
Delta R.T.: -0.002 min  
Response: 91762336  
Conc: 54.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



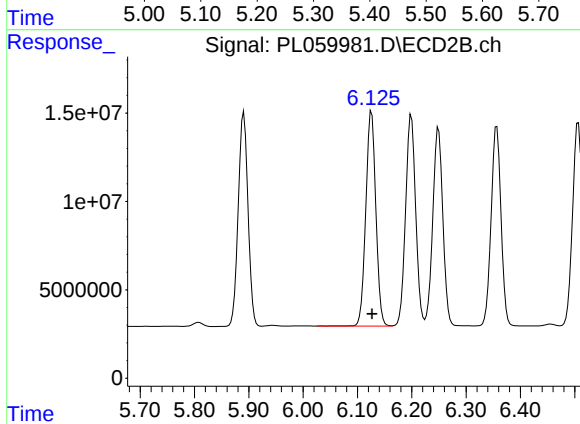
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: -0.001 min  
Response: 145095086  
Conc: 54.40 ng/ml



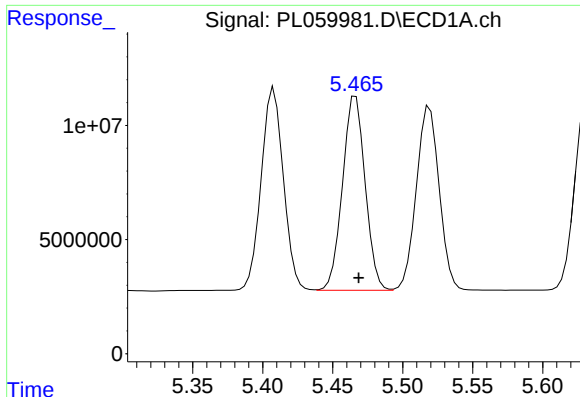
#10 gamma-Chlordane

R.T.: 5.408 min  
Delta R.T.: -0.002 min  
Response: 98006955  
Conc: 54.02 ng/ml



#10 gamma-Chlordane

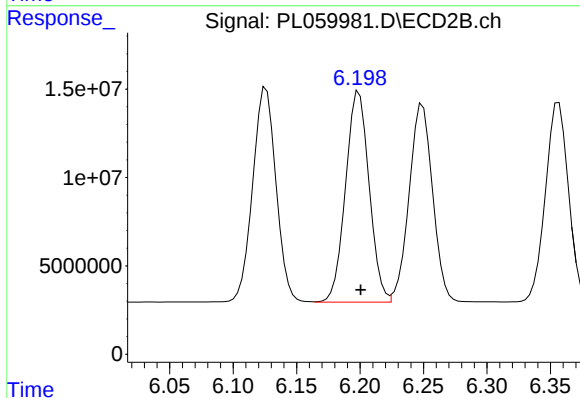
R.T.: 6.126 min  
Delta R.T.: -0.001 min  
Response: 155967373  
Conc: 54.47 ng/ml



#11 alpha-Chlordane

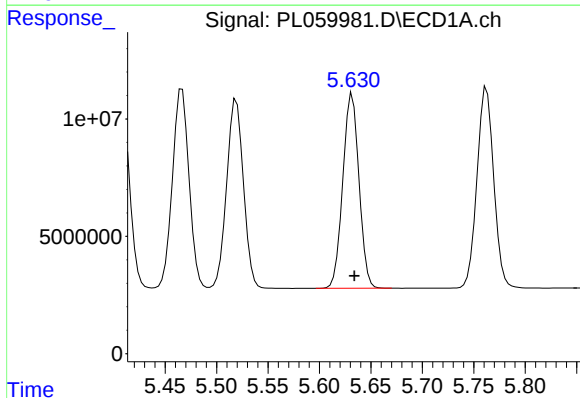
R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 95839764  
Conc: 53.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



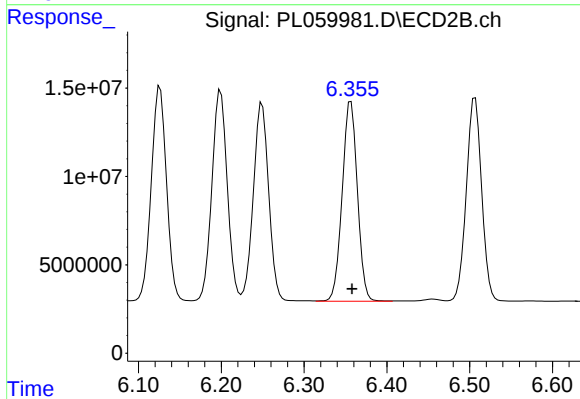
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: -0.001 min  
Response: 154244616  
Conc: 53.95 ng/ml



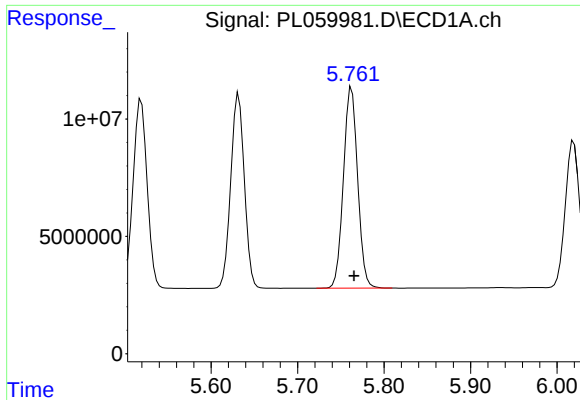
#12 4,4'-DDE

R.T.: 5.632 min  
Delta R.T.: -0.002 min  
Response: 90732902  
Conc: 54.48 ng/ml



#12 4,4'-DDE

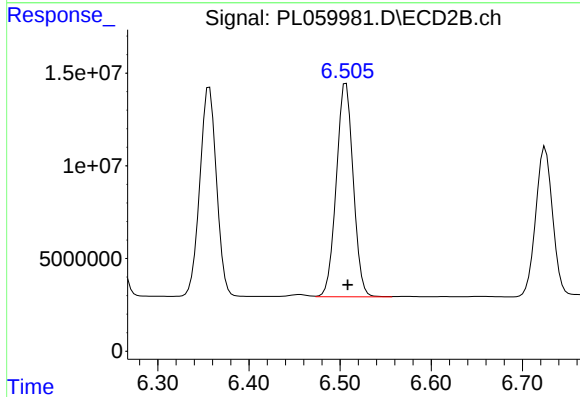
R.T.: 6.357 min  
Delta R.T.: -0.001 min  
Response: 144407870  
Conc: 53.95 ng/ml



#13 Dieldrin

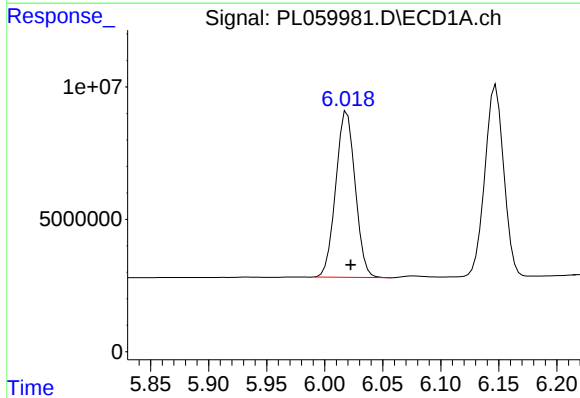
R.T.: 5.762 min  
Delta R.T.: -0.003 min  
Response: 97015156  
Conc: 54.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



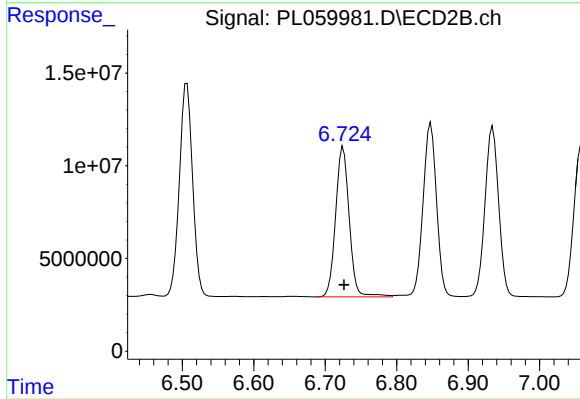
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: -0.002 min  
Response: 148544317  
Conc: 53.70 ng/ml



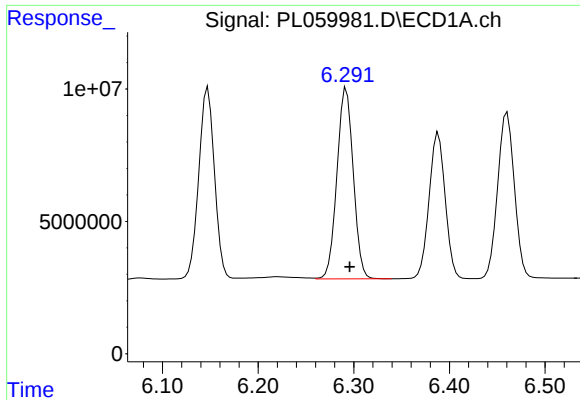
#14 Endrin

R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 73119152  
Conc: 50.23 ng/ml



#14 Endrin

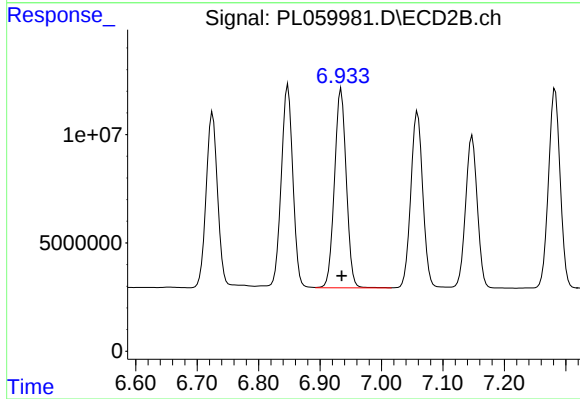
R.T.: 6.725 min  
Delta R.T.: -0.001 min  
Response: 107102059  
Conc: 50.33 ng/ml



#15 Endosulfan II

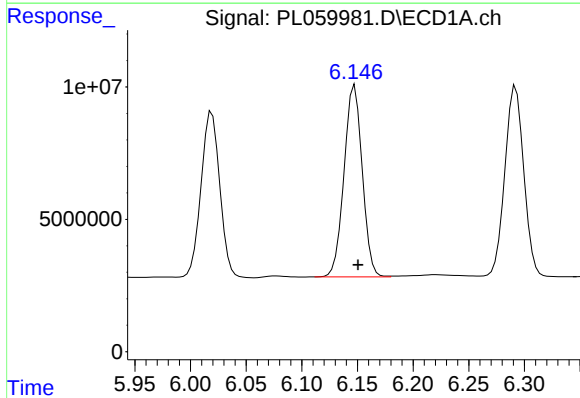
R.T.: 6.292 min  
Delta R.T.: -0.003 min  
Response: 85454520  
Conc: 51.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



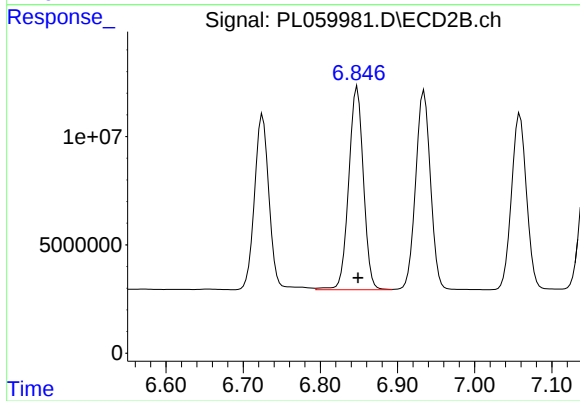
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: -0.001 min  
Response: 122793956  
Conc: 48.89 ng/ml



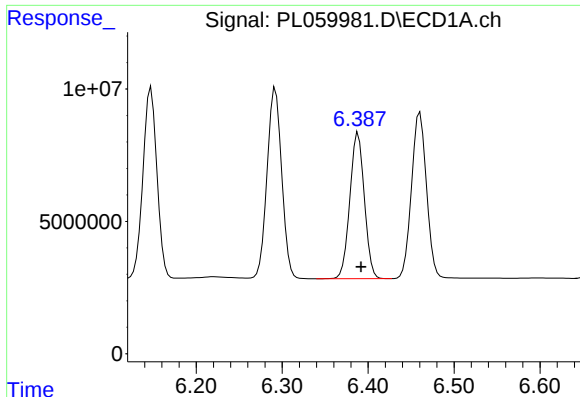
#16 4,4'-DDD

R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 82399201  
Conc: 53.98 ng/ml



#16 4,4'-DDD

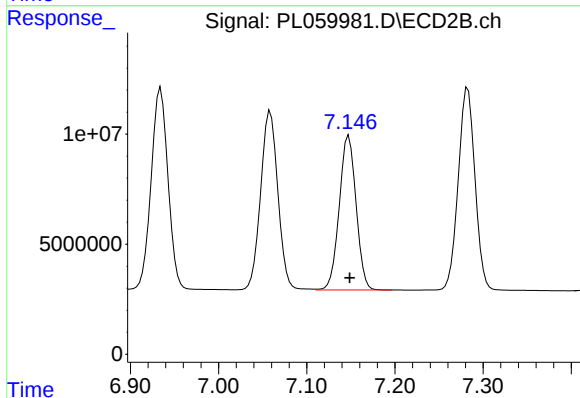
R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 123834978  
Conc: 53.95 ng/ml



#17 4,4'-DDT

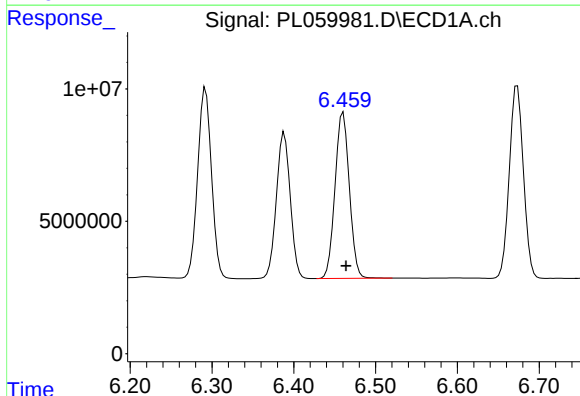
R.T.: 6.388 min  
Delta R.T.: -0.004 min  
Response: 64906946  
Conc: 49.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



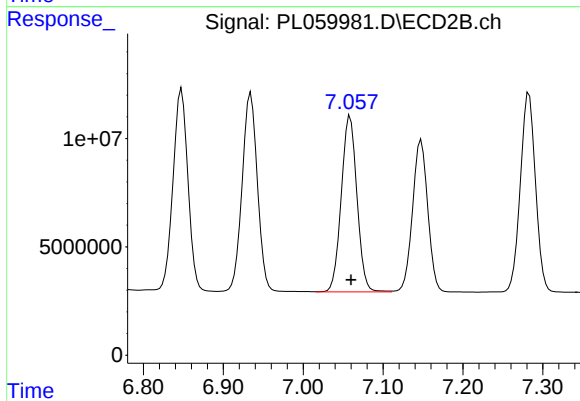
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: -0.001 min  
Response: 92972575  
Conc: 47.22 ng/ml



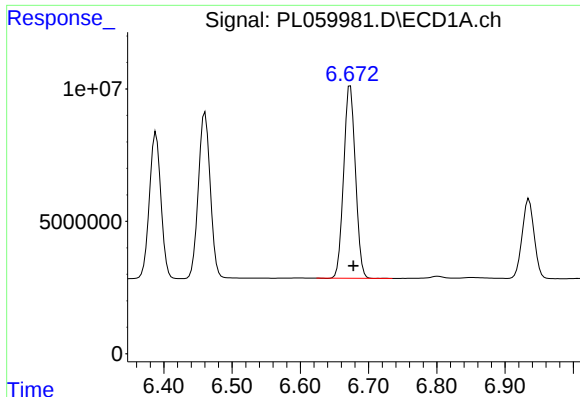
#18 Endrin aldehyde

R.T.: 6.461 min  
Delta R.T.: -0.004 min  
Response: 76313609  
Conc: 53.49 ng/ml



#18 Endrin aldehyde

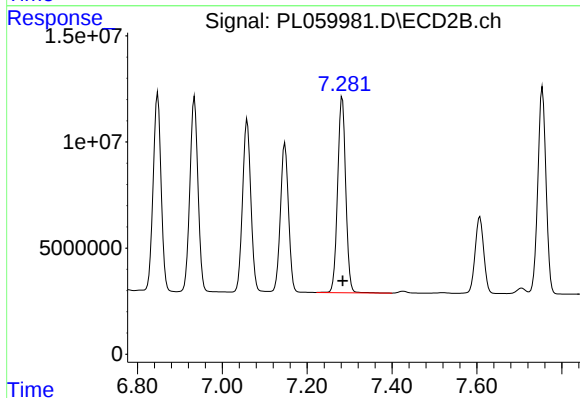
R.T.: 7.059 min  
Delta R.T.: -0.001 min  
Response: 110788472  
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

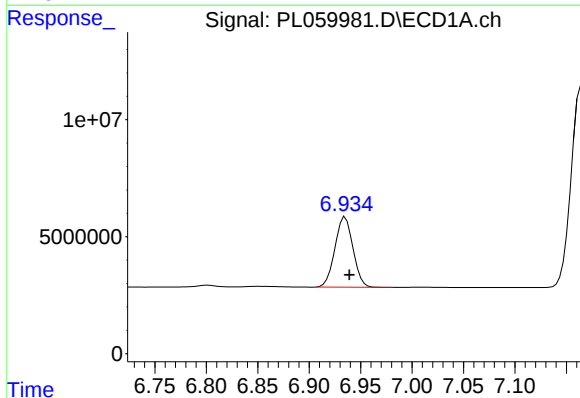
R.T.: 6.673 min  
Delta R.T.: -0.005 min  
Response: 87249670  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



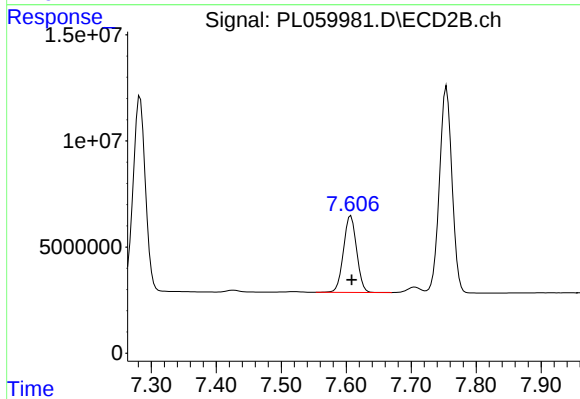
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.000 min  
Response: 122452171  
Conc: 52.35 ng/ml



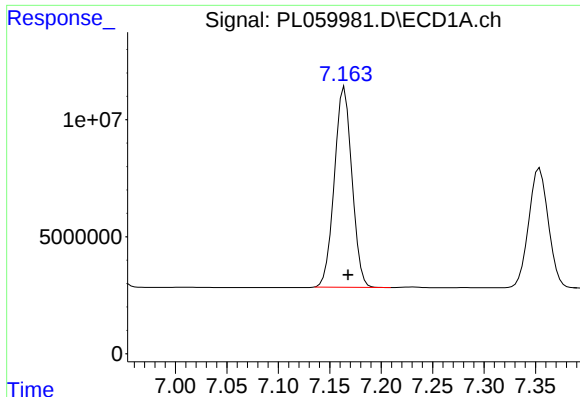
#20 Methoxychlor

R.T.: 6.935 min  
Delta R.T.: -0.004 min  
Response: 36580750  
Conc: 48.91 ng/ml



#20 Methoxychlor

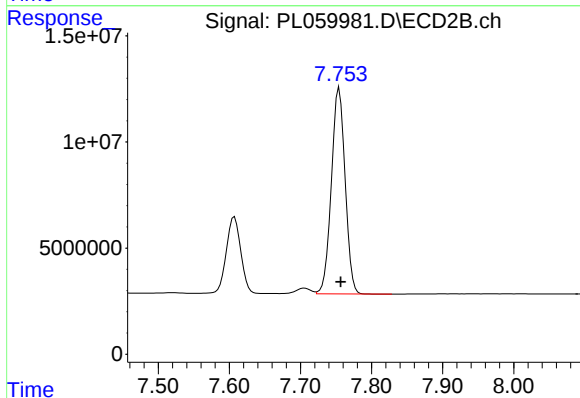
R.T.: 7.607 min  
Delta R.T.: -0.001 min  
Response: 50992169  
Conc: 44.92 ng/ml



#21 Endrin ketone

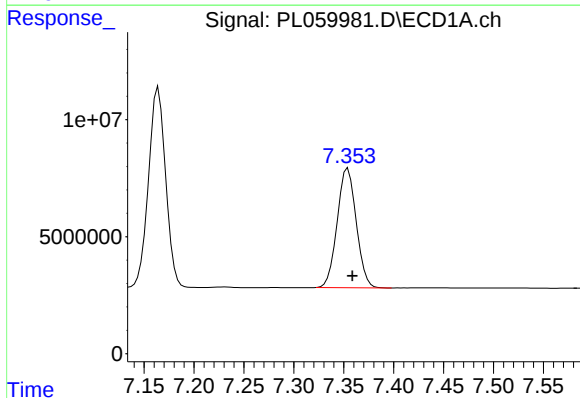
R.T.: 7.164 min  
Delta R.T.: -0.004 min  
Response: 101595932  
Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



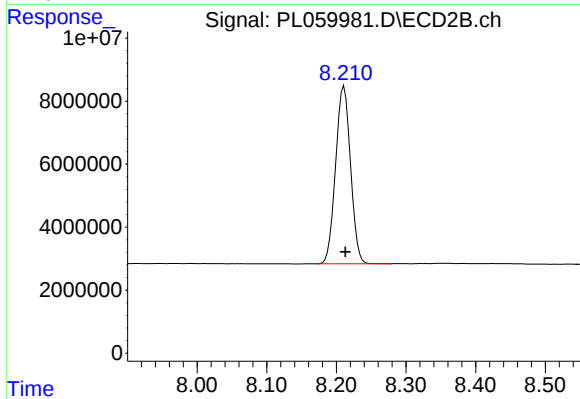
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: -0.002 min  
Response: 130454977  
Conc: 50.51 ng/ml



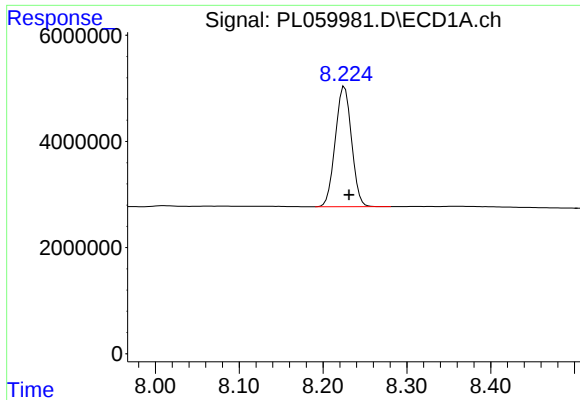
#22 Mirex

R.T.: 7.354 min  
Delta R.T.: -0.004 min  
Response: 67788650  
Conc: 47.65 ng/ml



#22 Mirex

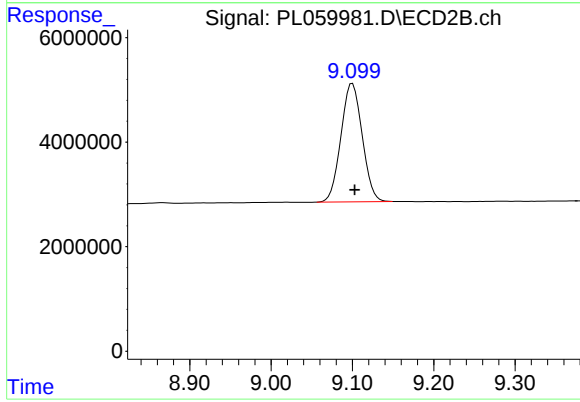
R.T.: 8.211 min  
Delta R.T.: -0.002 min  
Response: 84064206  
Conc: 45.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.226 min  
Delta R.T.: -0.005 min  
Response: 30476706  
Conc: 18.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130243BS



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: -0.003 min  
Response: 41112471  
Conc: 19.66 ng/ml