

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081518\  
 Data File : PL039190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2018 08:16  
 Operator : AJ\SJ  
 Sample : PB112087BSD  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB112087BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 09:52:40 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.305 | 3.906 | 127.7E6 | 50750212 | 18.275 | 18.930 |
| 28)                         | SA Decachlor... | 7.962 | 8.894 | 137.0E6 | 48235781 | 19.503 | 20.786 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.733 | 4.284 | 529.3E6 | 195.4E6  | 44.776 | 46.399 |
| 3)                          | MA gamma-BHC... | 4.008 | 4.563 | 481.9E6 | 180.2E6  | 45.433 | 44.753 |
| 4)                          | MA Heptachlor   | 4.290 | 5.070 | 479.3E6 | 173.5E6  | 45.529 | 48.521 |
| 5)                          | MB Aldrin       | 4.528 | 5.371 | 462.6E6 | 165.9E6  | 46.184 | 46.870 |
| 6)                          | B beta-BHC      | 4.263 | 4.725 | 209.4E6 | 81284672 | 45.084 | 46.408 |
| 7)                          | B delta-BHC     | 4.456 | 4.938 | 493.6E6 | 178.9E6  | 45.478 | 44.923 |
| 8)                          | B Heptachlo...  | 4.964 | 5.750 | 441.6E6 | 154.9E6  | 46.242 | 46.063 |
| 9)                          | A Endosulfan I  | 5.293 | 6.101 | 409.5E6 | 134.9E6  | 46.766 | 45.977 |
| 10)                         | B gamma-Chl...  | 5.185 | 5.982 | 453.7E6 | 151.5E6  | 45.935 | 46.801 |
| 11)                         | B alpha-Chl...  | 5.242 | 6.055 | 438.9E6 | 149.9E6  | 45.681 | 46.351 |
| 12)                         | B 4,4'-DDE      | 5.410 | 6.211 | 442.8E6 | 143.5E6  | 46.244 | 46.416 |
| 13)                         | MA Dieldrin     | 5.532 | 6.354 | 453.7E6 | 139.7E6  | 46.525 | 46.131 |
| 14)                         | MA Endrin       | 5.785 | 6.568 | 406.6E6 | 115.4E6  | 45.421 | 44.867 |
| 15)                         | B Endosulfa...  | 6.060 | 6.772 | 393.4E6 | 117.3E6  | 45.240 | 45.670 |
| 16)                         | A 4,4'-DDD      | 5.921 | 6.692 | 362.4E6 | 105.6E6  | 45.471 | 47.140 |
| 17)                         | MA 4,4'-DDT     | 6.154 | 6.990 | 344.0E6 | 102.8E6  | 45.375 | 43.676 |
| 18)                         | B Endrin al...  | 6.228 | 6.894 | 309.5E6 | 100.2E6  | 45.675 | 46.169 |
| 19)                         | B Endosulfa...  | 6.438 | 7.116 | 362.6E6 | 109.8E6  | 44.558 | 45.786 |
| 20)                         | A Methoxychlor  | 6.702 | 7.446 | 185.4E6 | 57185555 | 45.314 | 46.172 |
| 21)                         | B Endrin ke...  | 6.920 | 7.579 | 400.3E6 | 115.1E6  | 46.510 | 46.568 |
| -----                       |                 |       |       |         |          |        |        |

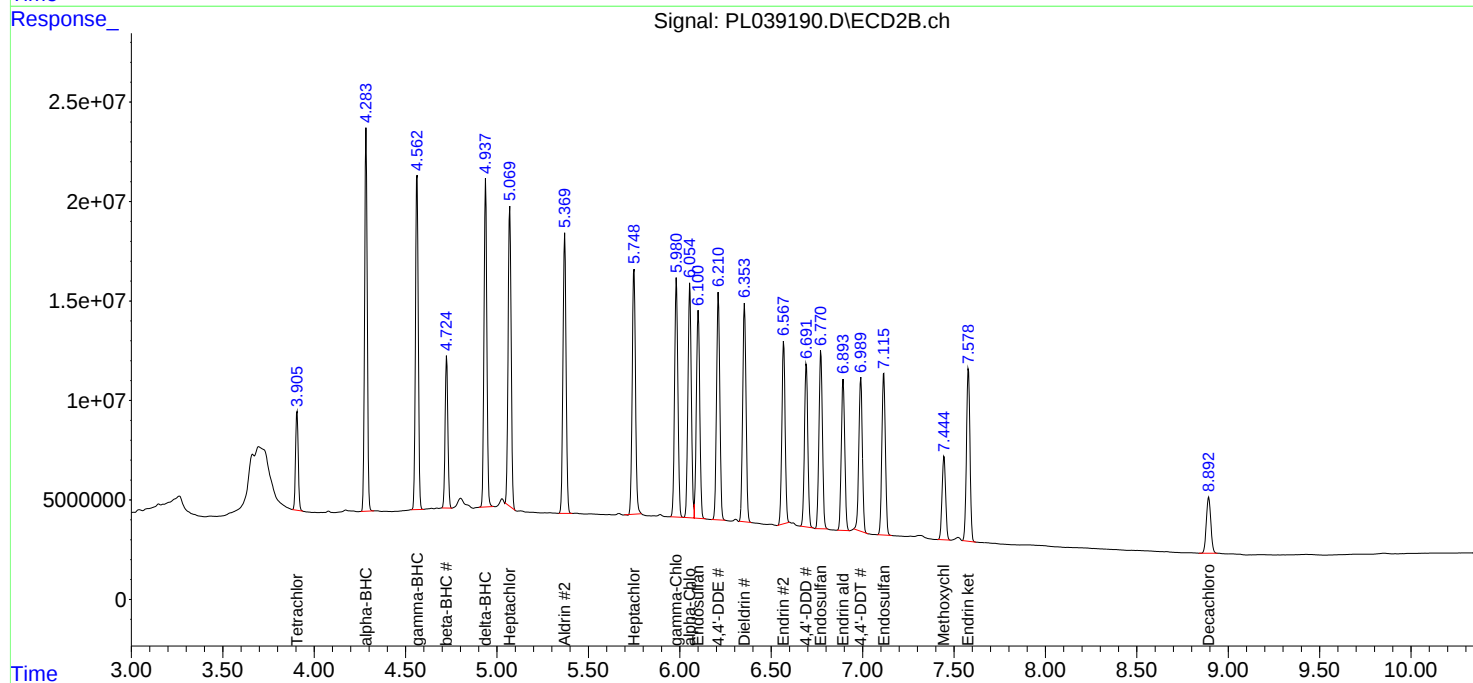
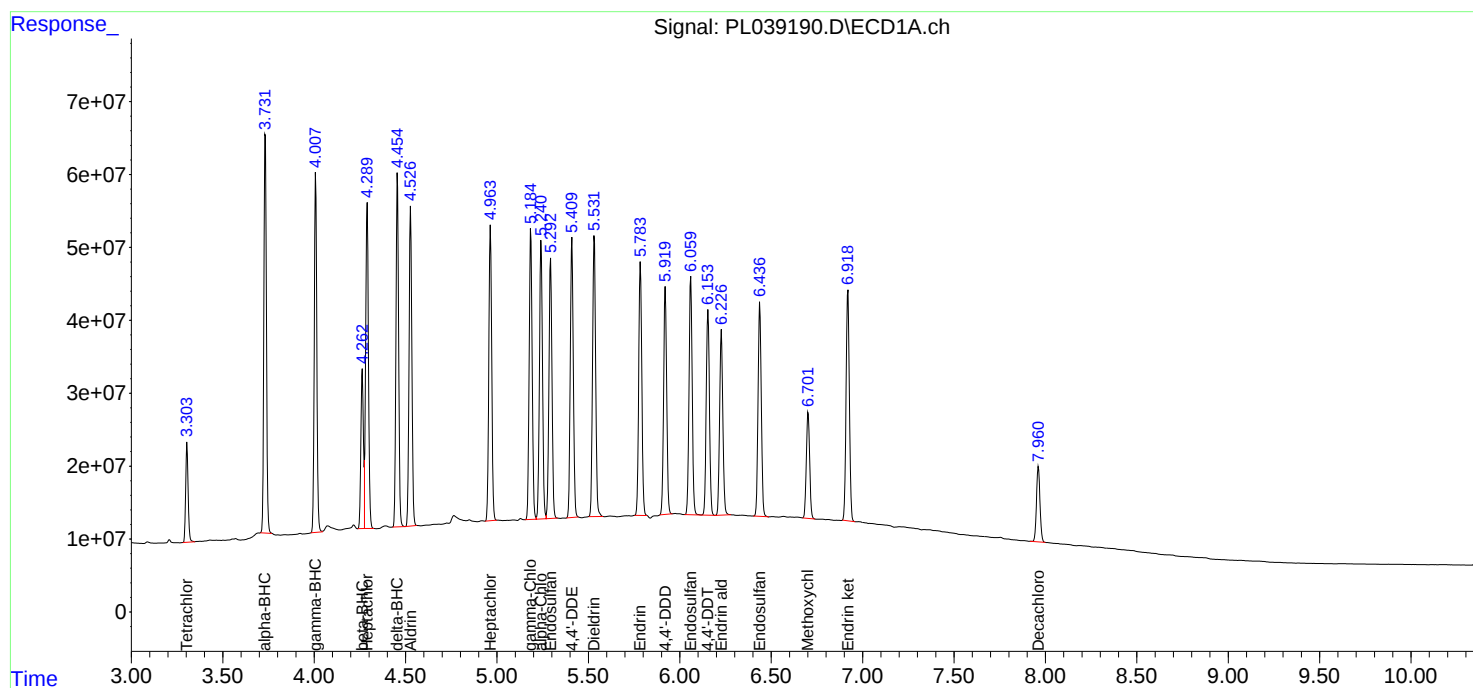
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

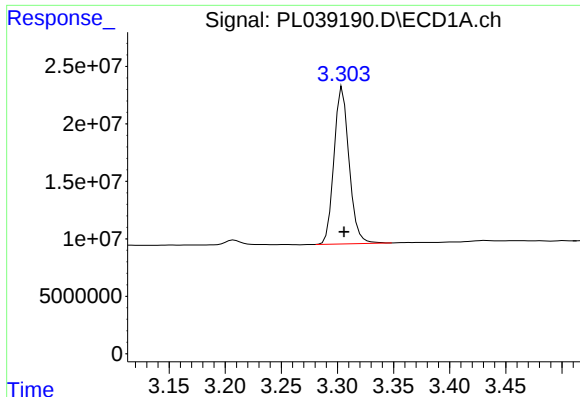
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081518\  
Data File : PL039190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2018 08:16  
Operator : AJ\SJ  
Sample : PB112087BSD  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 09:52:40 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 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

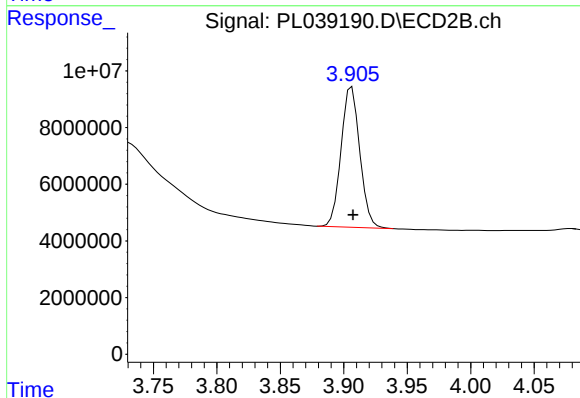




#1 Tetrachloro-m-xylene

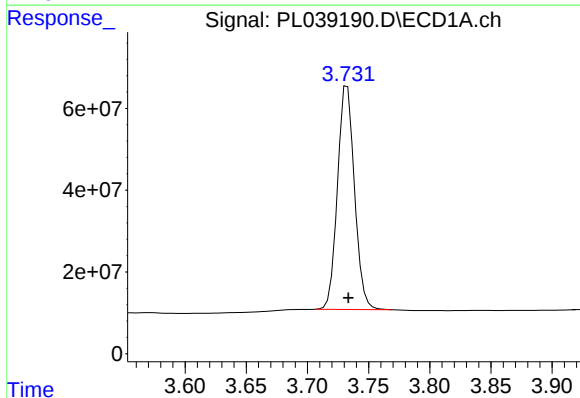
R.T.: 3.305 min  
Delta R.T.: -0.001 min  
Response: 127746488  
Conc: 18.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



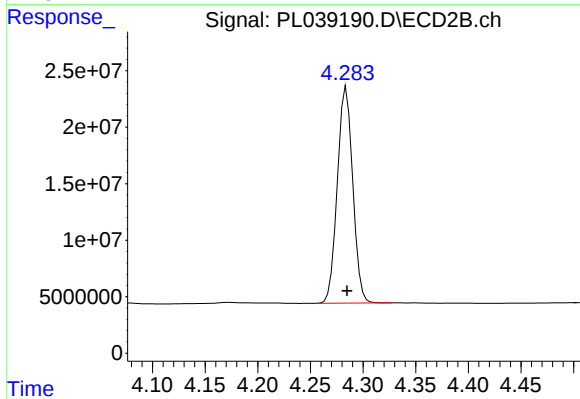
#1 Tetrachloro-m-xylene

R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 50750212  
Conc: 18.93 ng/ml



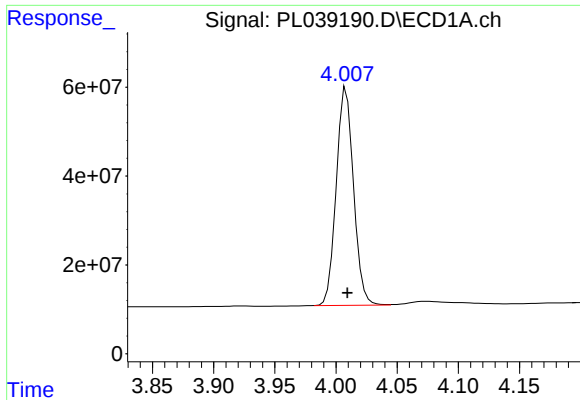
#2 alpha-BHC

R.T.: 3.733 min  
Delta R.T.: 0.000 min  
Response: 529270877  
Conc: 44.78 ng/ml



#2 alpha-BHC

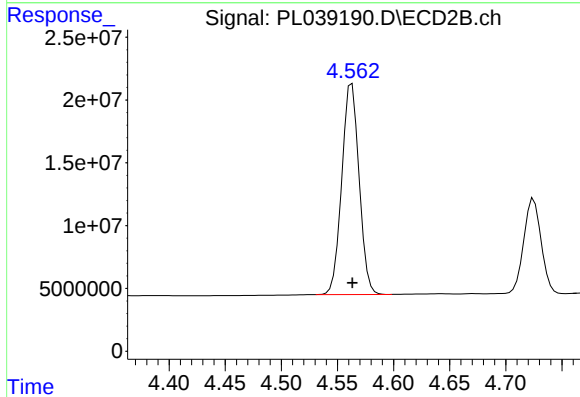
R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 195384975  
Conc: 46.40 ng/ml



#3 gamma-BHC (Lindane)

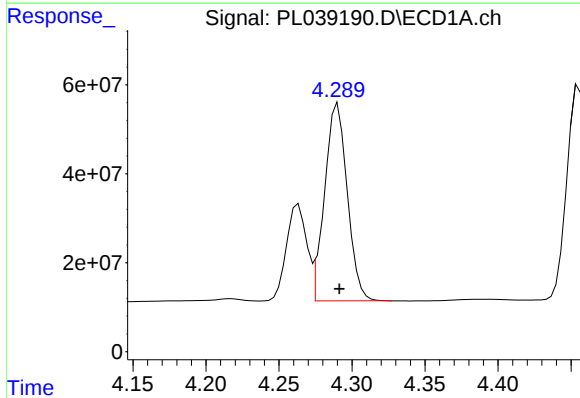
R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 481890819  
Conc: 45.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



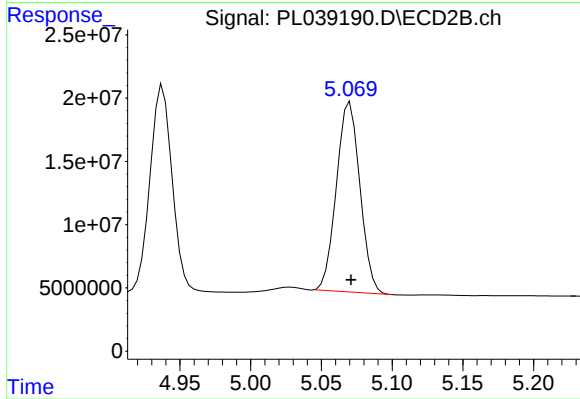
#3 gamma-BHC (Lindane)

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 180200734  
Conc: 44.75 ng/ml



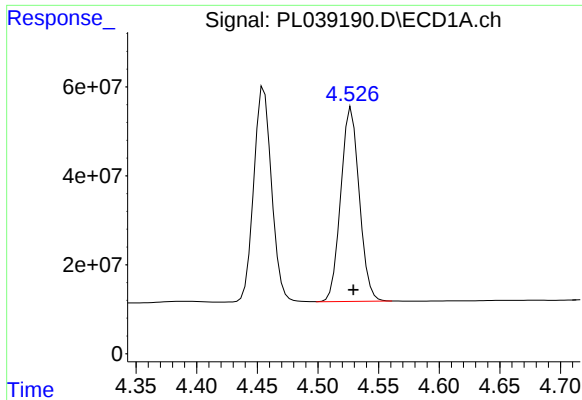
#4 Heptachlor

R.T.: 4.290 min  
Delta R.T.: 0.000 min  
Response: 479292755  
Conc: 45.53 ng/ml



#4 Heptachlor

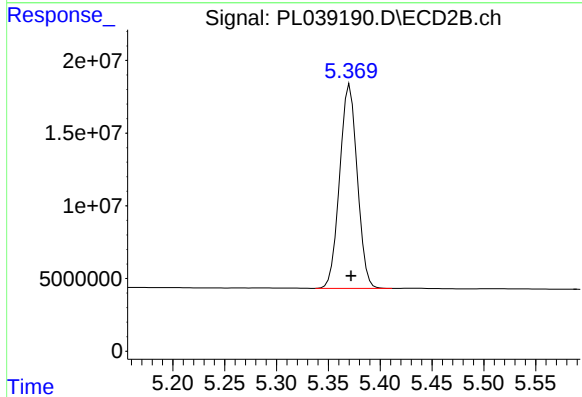
R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 173501958  
Conc: 48.52 ng/ml



#5 Aldrin

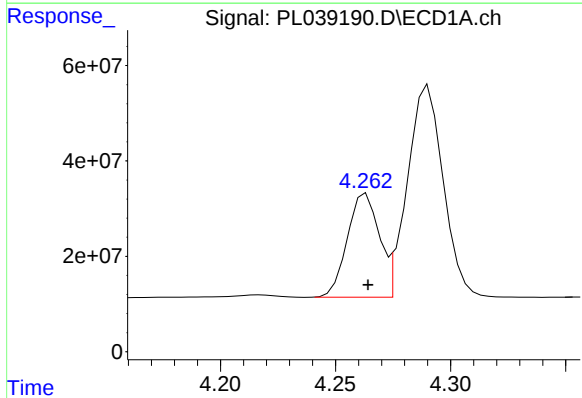
R.T.: 4.528 min  
Delta R.T.: -0.002 min  
Response: 462569236  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



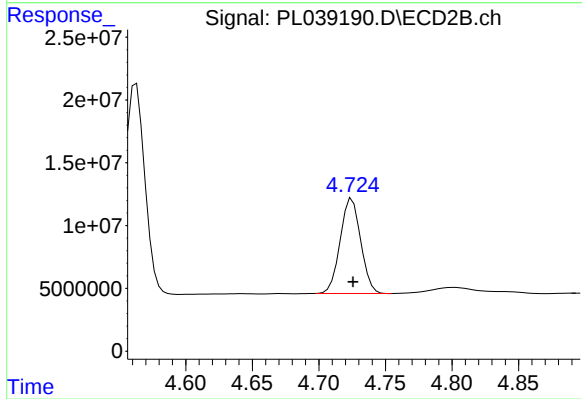
#5 Aldrin

R.T.: 5.371 min  
Delta R.T.: -0.001 min  
Response: 165921275  
Conc: 46.87 ng/ml



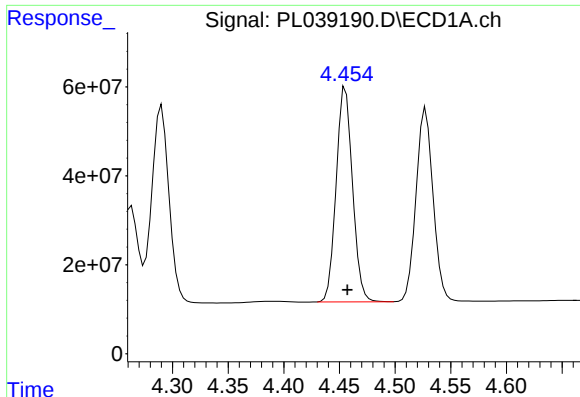
#6 beta-BHC

R.T.: 4.263 min  
Delta R.T.: 0.000 min  
Response: 209437540  
Conc: 45.08 ng/ml



#6 beta-BHC

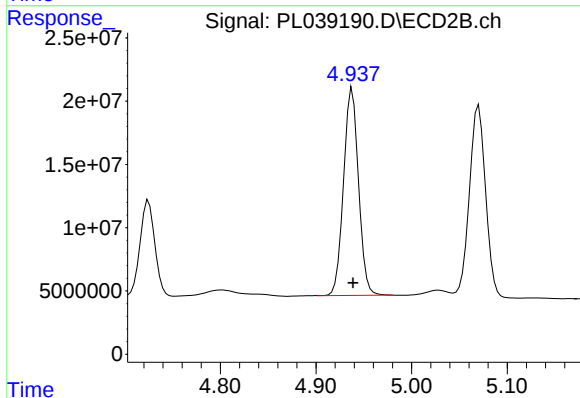
R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 81284672  
Conc: 46.41 ng/ml



#7 delta-BHC

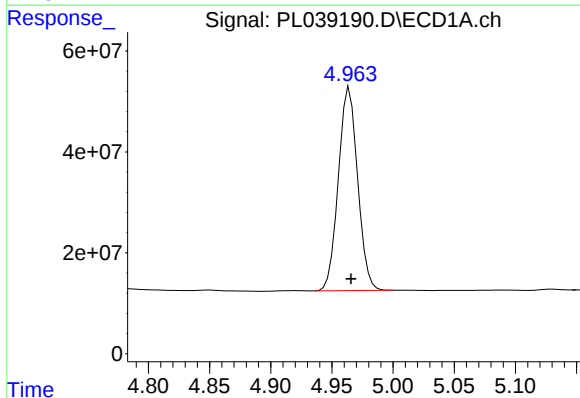
R.T.: 4.456 min  
Delta R.T.: -0.002 min  
Response: 493635946  
Conc: 45.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



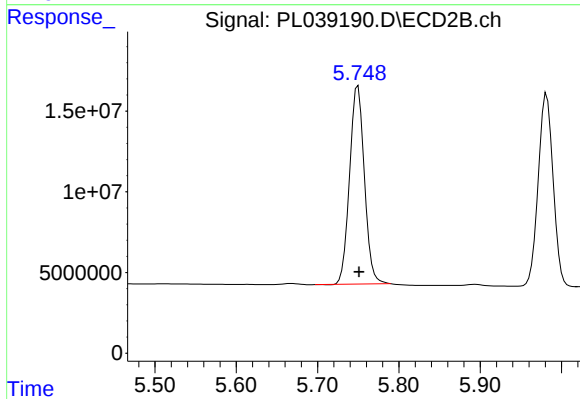
#7 delta-BHC

R.T.: 4.938 min  
Delta R.T.: 0.000 min  
Response: 178862218  
Conc: 44.92 ng/ml



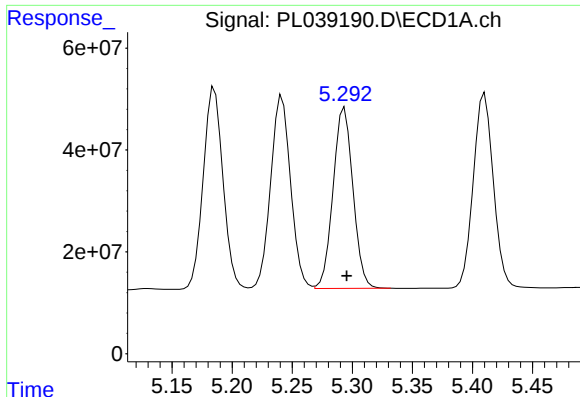
#8 Heptachlor epoxide

R.T.: 4.964 min  
Delta R.T.: -0.001 min  
Response: 441580579  
Conc: 46.24 ng/ml



#8 Heptachlor epoxide

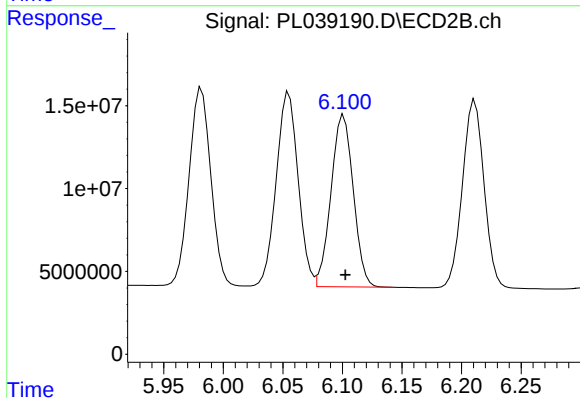
R.T.: 5.750 min  
Delta R.T.: -0.001 min  
Response: 154912489  
Conc: 46.06 ng/ml



#9 Endosulfan I

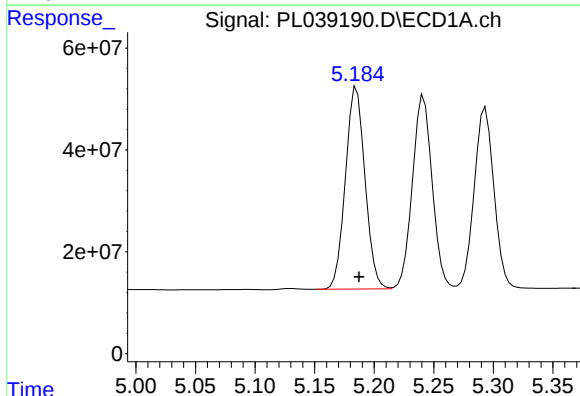
R.T.: 5.293 min  
Delta R.T.: -0.002 min  
Response: 409495033  
Conc: 46.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



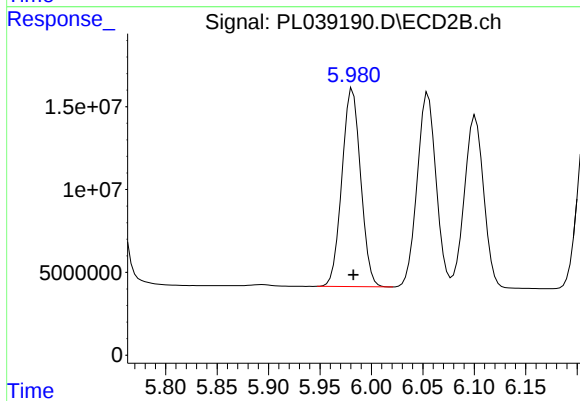
#9 Endosulfan I

R.T.: 6.101 min  
Delta R.T.: -0.001 min  
Response: 134876821  
Conc: 45.98 ng/ml



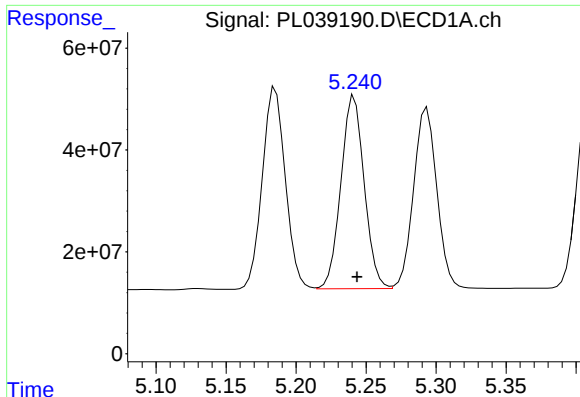
#10 gamma-Chlordane

R.T.: 5.185 min  
Delta R.T.: -0.002 min  
Response: 453689395  
Conc: 45.94 ng/ml



#10 gamma-Chlordane

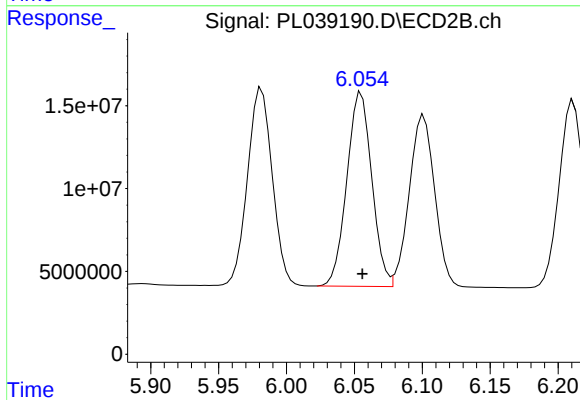
R.T.: 5.982 min  
Delta R.T.: 0.000 min  
Response: 151470233  
Conc: 46.80 ng/ml



#11 alpha-Chlordane

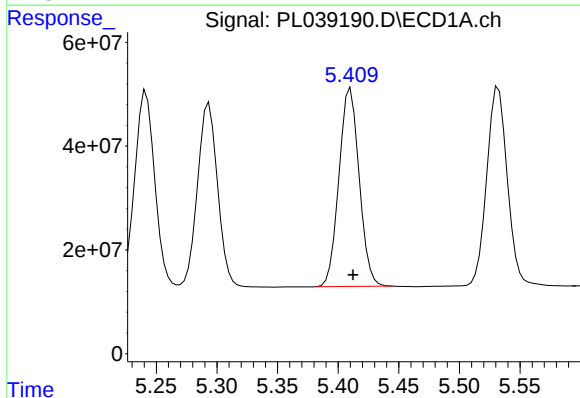
R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 438873892  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



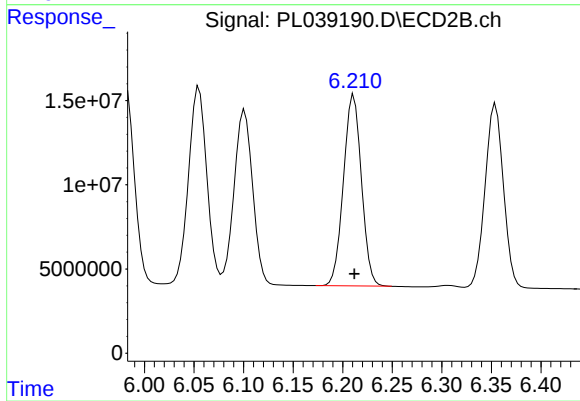
#11 alpha-Chlordane

R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 149948032  
Conc: 46.35 ng/ml



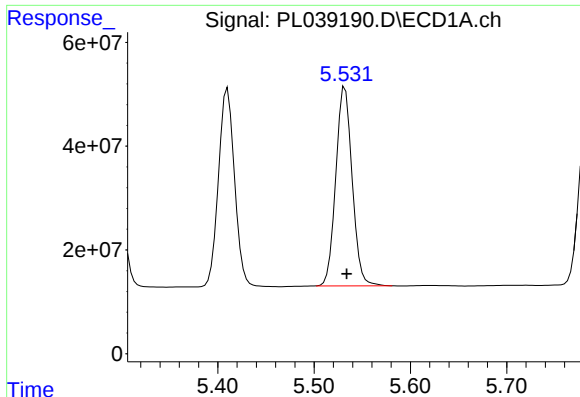
#12 4,4'-DDE

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 442835501  
Conc: 46.24 ng/ml



#12 4,4'-DDE

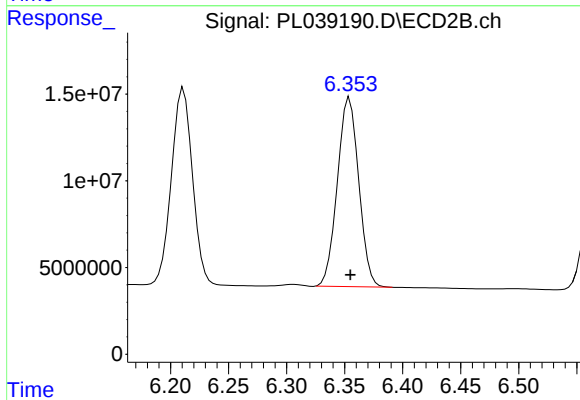
R.T.: 6.211 min  
Delta R.T.: 0.000 min  
Response: 143518959  
Conc: 46.42 ng/ml



#13 Dieldrin

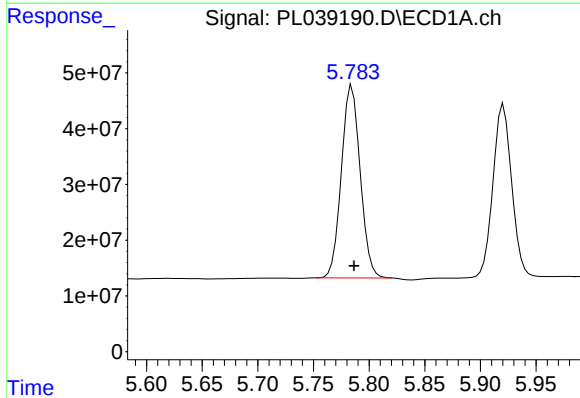
R.T.: 5.532 min  
Delta R.T.: -0.002 min  
Response: 453700687  
Conc: 46.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



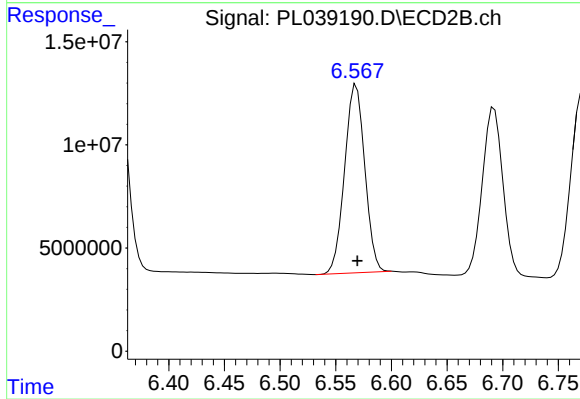
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 139746707  
Conc: 46.13 ng/ml



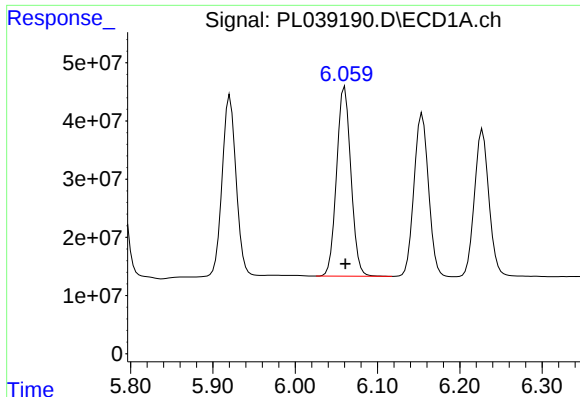
#14 Endrin

R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 406564956  
Conc: 45.42 ng/ml



#14 Endrin

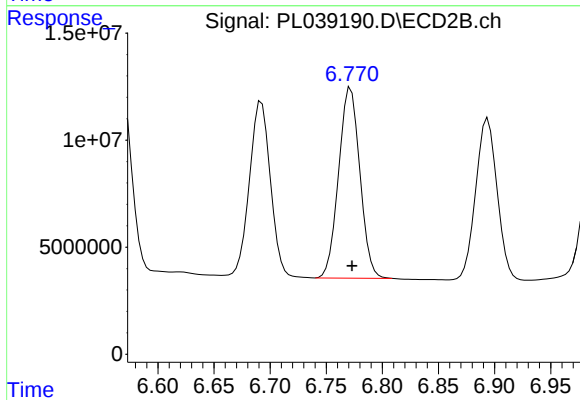
R.T.: 6.568 min  
Delta R.T.: -0.001 min  
Response: 115363594  
Conc: 44.87 ng/ml



#15 Endosulfan II

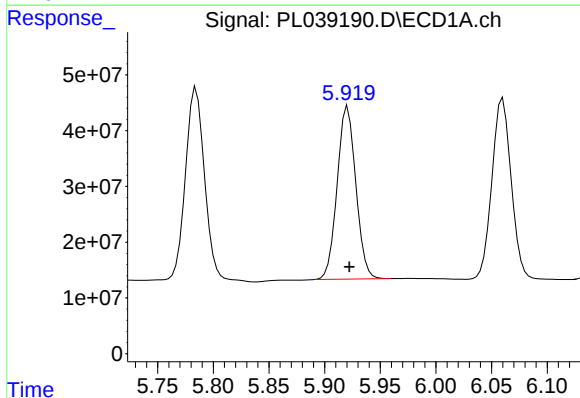
R.T.: 6.060 min  
Delta R.T.: -0.001 min  
Response: 393371666  
Conc: 45.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



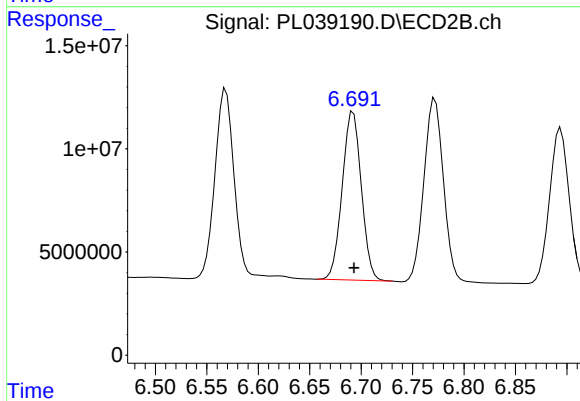
#15 Endosulfan II

R.T.: 6.772 min  
Delta R.T.: -0.001 min  
Response: 117306397  
Conc: 45.67 ng/ml



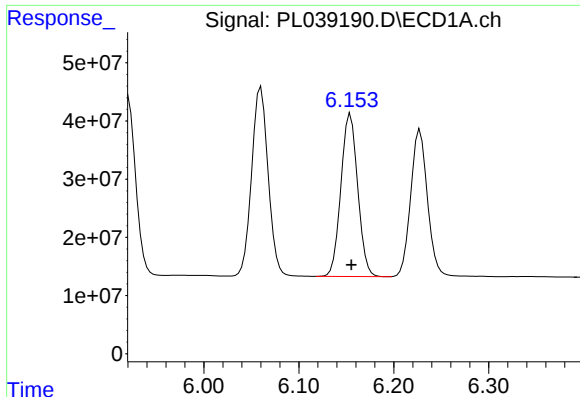
#16 4,4'-DDD

R.T.: 5.921 min  
Delta R.T.: -0.002 min  
Response: 362365964  
Conc: 45.47 ng/ml



#16 4,4'-DDD

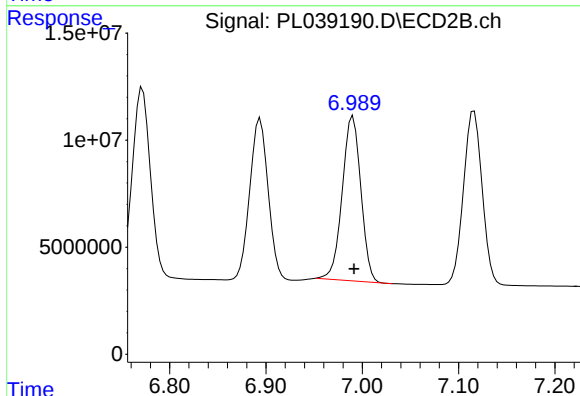
R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 105565518  
Conc: 47.14 ng/ml



#17 4,4'-DDT

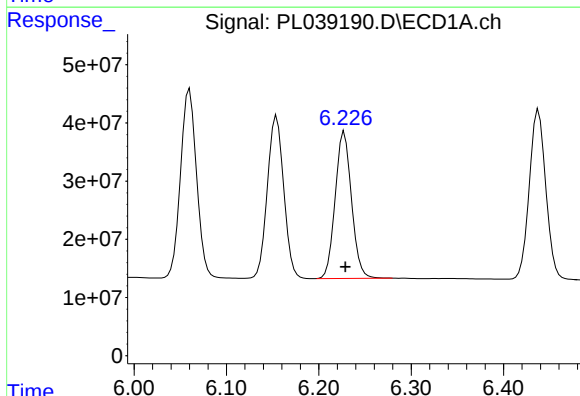
R.T.: 6.154 min  
Delta R.T.: -0.001 min  
Response: 343967243  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



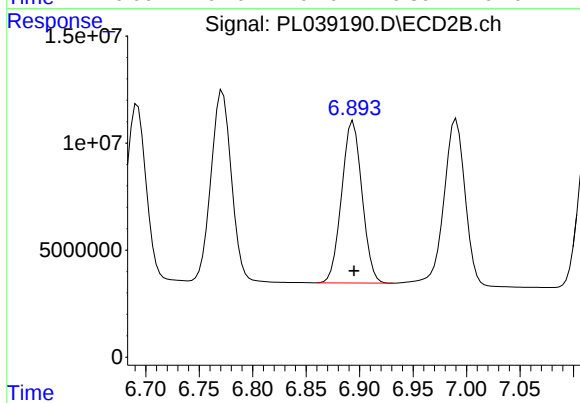
#17 4,4'-DDT

R.T.: 6.990 min  
Delta R.T.: -0.001 min  
Response: 102812278  
Conc: 43.68 ng/ml



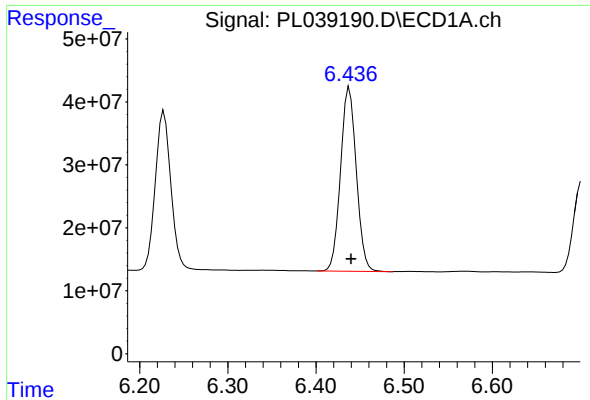
#18 Endrin aldehyde

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 309531345  
Conc: 45.67 ng/ml



#18 Endrin aldehyde

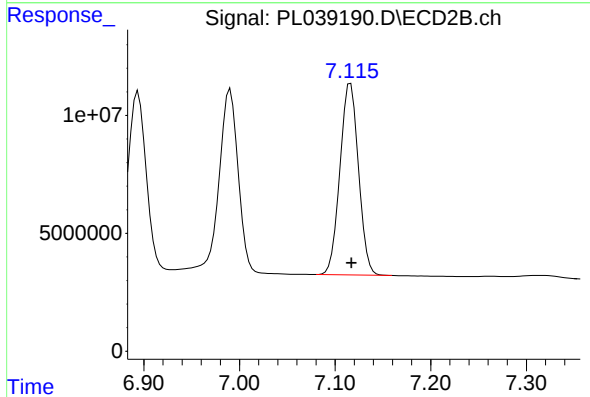
R.T.: 6.894 min  
Delta R.T.: -0.001 min  
Response: 100247166  
Conc: 46.17 ng/ml



#19 Endosulfan Sulfate

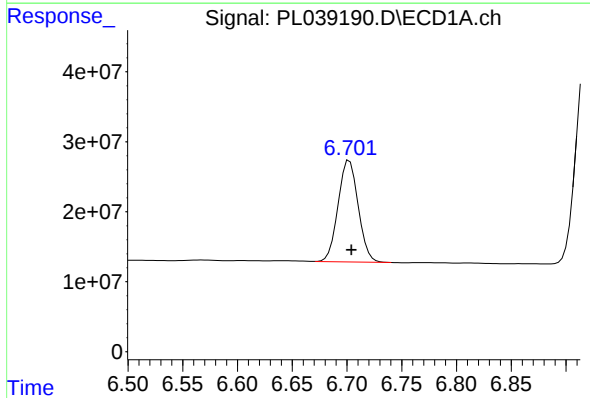
R.T.: 6.438 min  
Delta R.T.: -0.002 min  
Response: 362557330  
Conc: 44.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



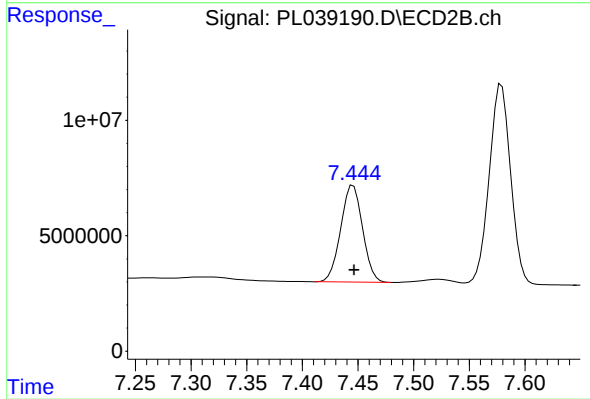
#19 Endosulfan Sulfate

R.T.: 7.116 min  
Delta R.T.: 0.000 min  
Response: 109762695  
Conc: 45.79 ng/ml



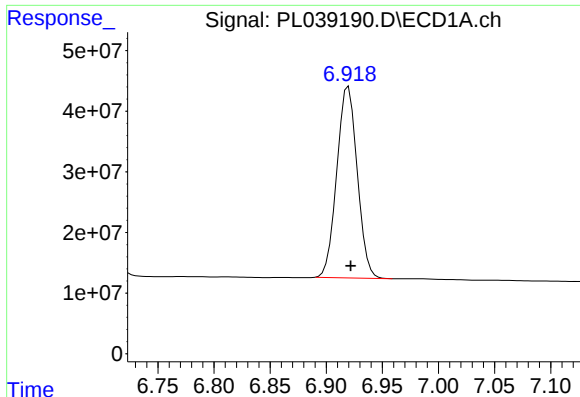
#20 Methoxychlor

R.T.: 6.702 min  
Delta R.T.: -0.002 min  
Response: 185436100  
Conc: 45.31 ng/ml



#20 Methoxychlor

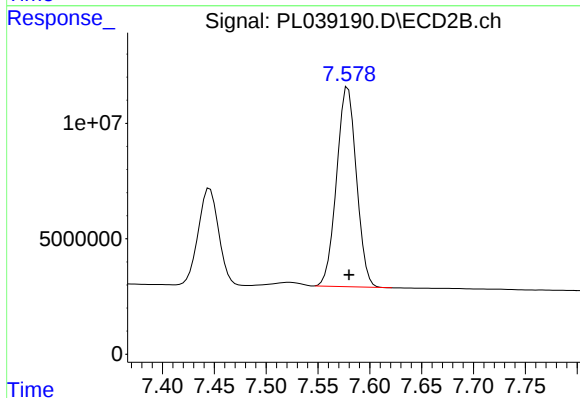
R.T.: 7.446 min  
Delta R.T.: 0.000 min  
Response: 57185555  
Conc: 46.17 ng/ml



#21 Endrin ketone

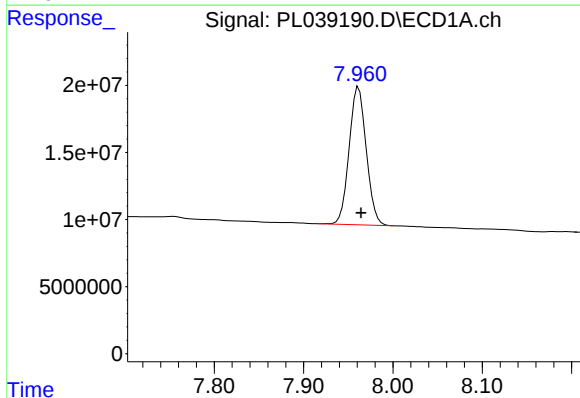
R.T.: 6.920 min  
Delta R.T.: -0.002 min  
Response: 400302693  
Conc: 46.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112087BSD



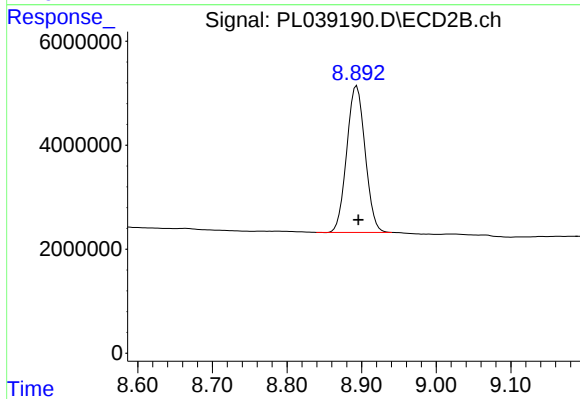
#21 Endrin ketone

R.T.: 7.579 min  
Delta R.T.: -0.001 min  
Response: 115066773  
Conc: 46.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.962 min  
Delta R.T.: -0.003 min  
Response: 136978425  
Conc: 19.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.894 min  
Delta R.T.: -0.002 min  
Response: 48235781  
Conc: 20.79 ng/ml