

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052919\  
 Data File : PL049071.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 May 2019 21:33  
 Operator : SM\AJ  
 Sample : PB120149BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB120149BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 30 01:14:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 2019  
 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... | 3.324 | 3.937 | 183.6E6 | 51766220 | 18.959 | 20.782 |
| 2)                          | SA Decachlor... | 7.993 | 8.974 | 195.7E6 | 55878902 | 19.468 | 21.052 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.752 | 4.326 | 796.4E6 | 193.2E6  | 51.489 | 55.017 |
| 3)                          | MA gamma-BHC... | 4.028 | 4.609 | 744.3E6 | 178.4E6  | 52.383 | 54.632 |
| 4)                          | MA Heptachlor   | 4.313 | 5.113 | 763.2E6 | 182.9E6  | 51.875 | 52.823 |
| 5)                          | MB Aldrin       | 4.552 | 5.415 | 730.8E6 | 168.7E6  | 53.338 | 54.471 |
| 6)                          | B beta-BHC      | 4.282 | 4.784 | 306.7E6 | 81627112 | 51.966 | 52.459 |
| 7)                          | B delta-BHC     | 4.476 | 4.998 | 726.8E6 | 160.5E6  | 51.479 | 56.758 |
| 8)                          | B Heptachlo...  | 4.988 | 5.802 | 672.1E6 | 158.3E6  | 52.165 | 54.279 |
| 9)                          | A Endosulfan I  | 5.319 | 6.157 | 629.3E6 | 149.3E6  | 52.310 | 52.820 |
| 10)                         | B gamma-Chl...  | 5.211 | 6.036 | 689.3E6 | 162.5E6  | 51.627 | 52.789 |
| 11)                         | B alpha-Chl...  | 5.267 | 6.108 | 668.6E6 | 161.3E6  | 51.140 | 52.565 |
| 12)                         | B 4,4'-DDE      | 5.435 | 6.267 | 656.2E6 | 150.1E6  | 51.727 | 54.362 |
| 13)                         | MA Dieldrin     | 5.558 | 6.414 | 670.9E6 | 155.8E6  | 51.525 | 53.109 |
| 14)                         | MA Endrin       | 5.811 | 6.631 | 559.0E6 | 125.0E6  | 45.917 | 47.923 |
| 15)                         | B Endosulfa...  | 6.086 | 6.842 | 573.8E6 | 139.4E6  | 49.718 | 51.690 |
| 16)                         | A 4,4'-DDD      | 5.946 | 6.757 | 514.5E6 | 124.4E6  | 52.860 | 55.452 |
| 17)                         | MA 4,4'-DDT     | 6.180 | 7.055 | 471.2E6 | 113.3E6  | 46.906 | 48.266 |
| 18)                         | B Endrin al...  | 6.253 | 6.966 | 481.9E6 | 121.9E6  | 49.585 | 51.998 |
| 19)                         | B Endosulfa...  | 6.464 | 7.189 | 514.6E6 | 130.2E6  | 47.943 | 50.316 |
| 20)                         | A Methoxychlor  | 6.725 | 7.515 | 233.8E6 | 63410924 | 42.949 | 46.449 |
| 21)                         | B Endrin ke...  | 6.946 | 7.658 | 605.1E6 | 143.6E6  | 51.914 | 54.945 |
| 22)                         | Mirex           | 7.121 | 8.108 | 289.3E6 | 77779882 | 32.272 | 36.882 |
| -----                       |                 |       |       |         |          |        |        |

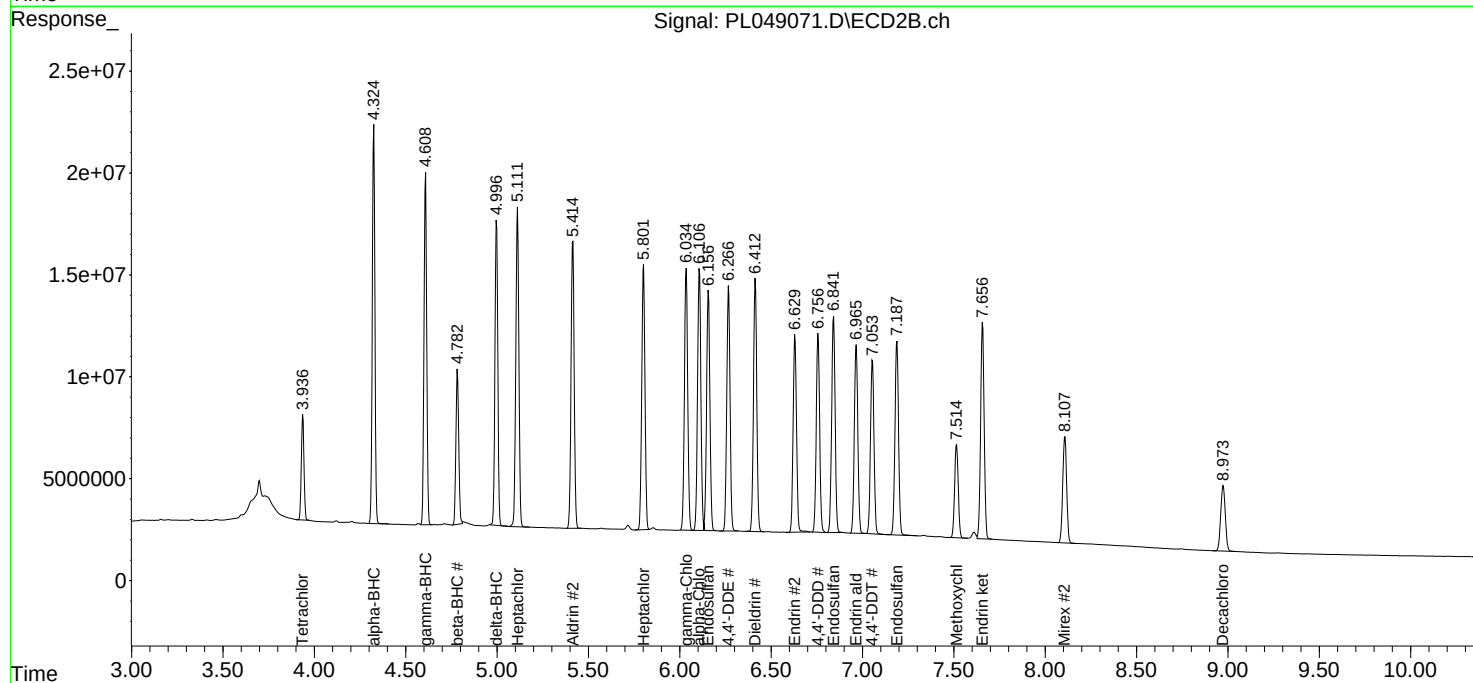
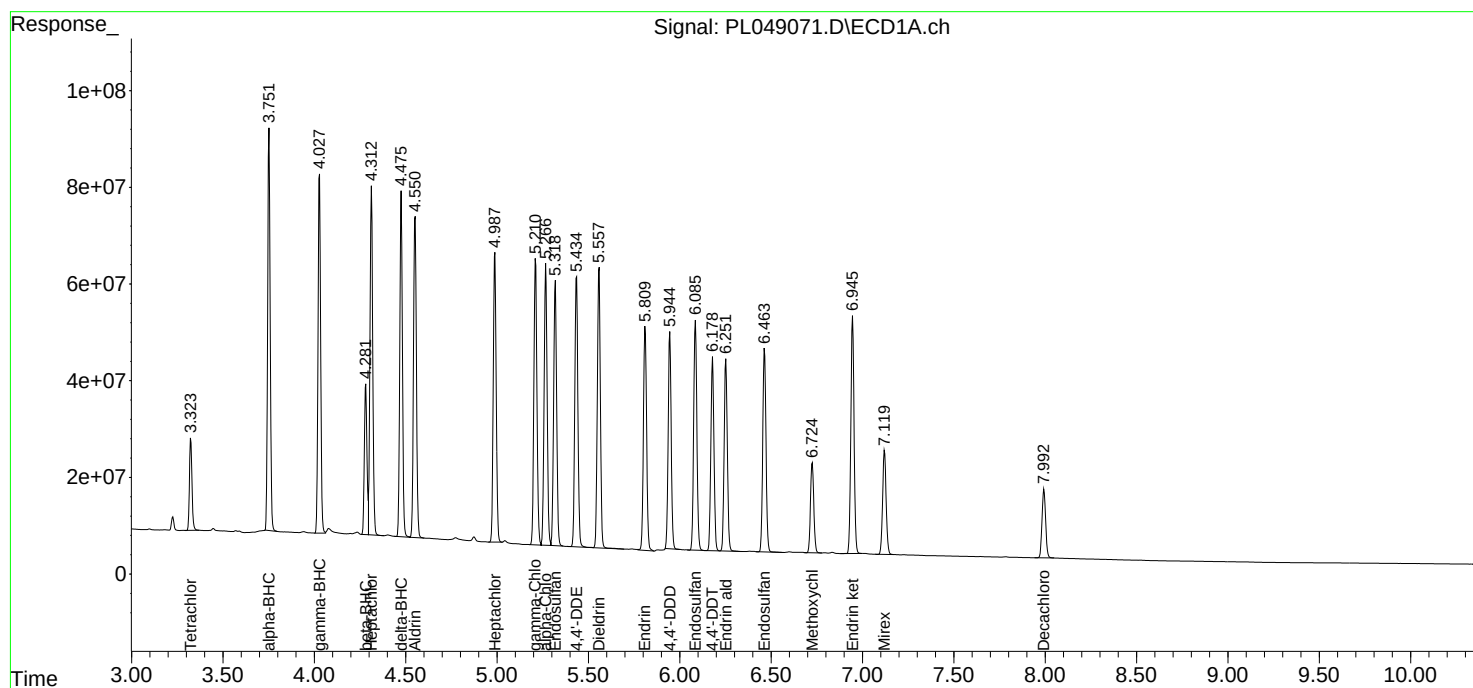
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

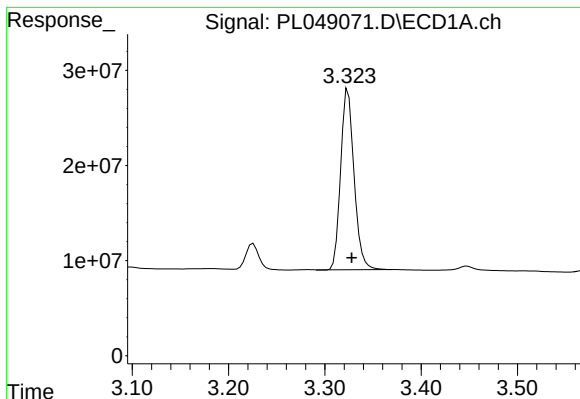
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052919\  
Data File : PL049071.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 May 2019 21:33  
Operator : SM\AJ  
Sample : PB120149BS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 30 01:14:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 2019  
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

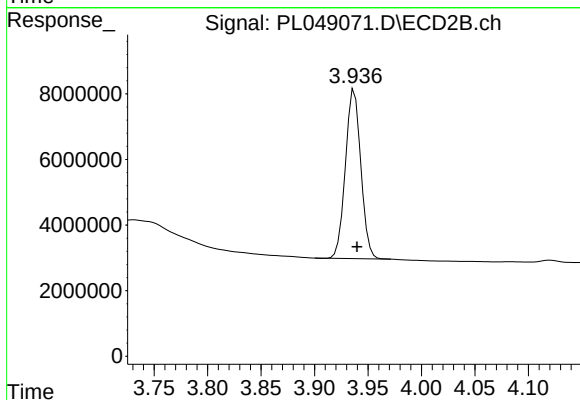




#1 Tetrachloro-m-xylene

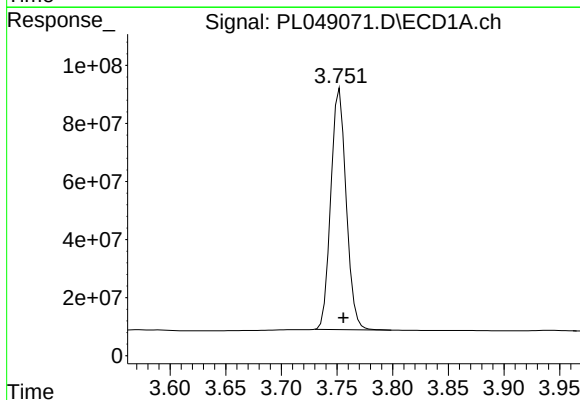
R.T.: 3.324 min  
Delta R.T.: -0.004 min  
Response: 183650000  
Conc: 18.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



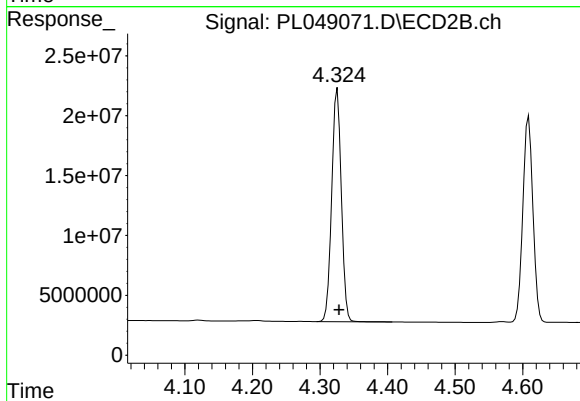
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: -0.002 min  
Response: 51766220  
Conc: 20.78 ng/ml



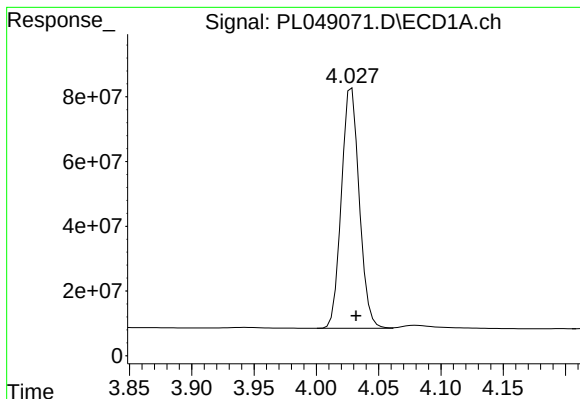
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: -0.003 min  
Response: 796404793  
Conc: 51.49 ng/ml



#2 alpha-BHC

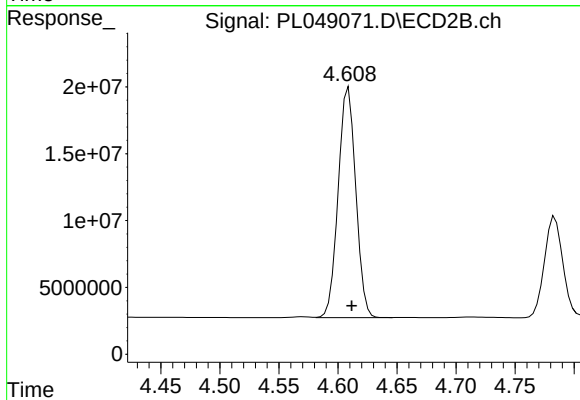
R.T.: 4.326 min  
Delta R.T.: -0.003 min  
Response: 193220394  
Conc: 55.02 ng/ml



#3 gamma-BHC (Lindane)

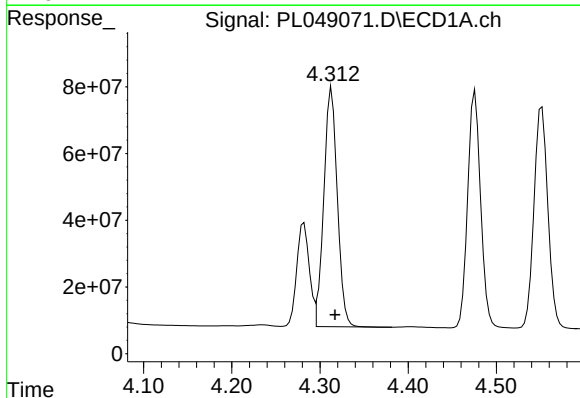
R.T.: 4.028 min  
Delta R.T.: -0.004 min  
Response: 744323028  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



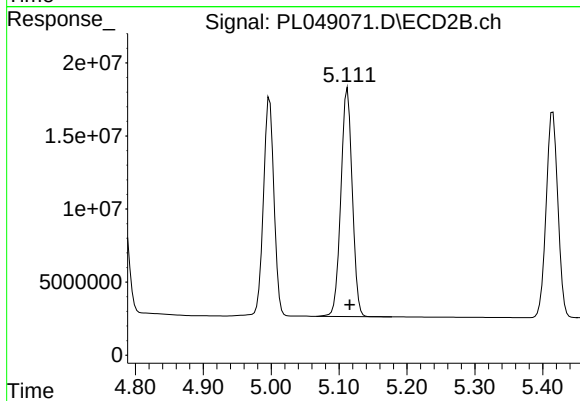
#3 gamma-BHC (Lindane)

R.T.: 4.609 min  
Delta R.T.: -0.003 min  
Response: 178436476  
Conc: 54.63 ng/ml



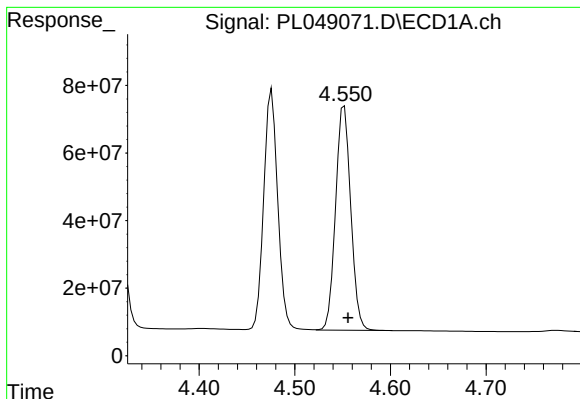
#4 Heptachlor

R.T.: 4.313 min  
Delta R.T.: -0.004 min  
Response: 763181989  
Conc: 51.87 ng/ml



#4 Heptachlor

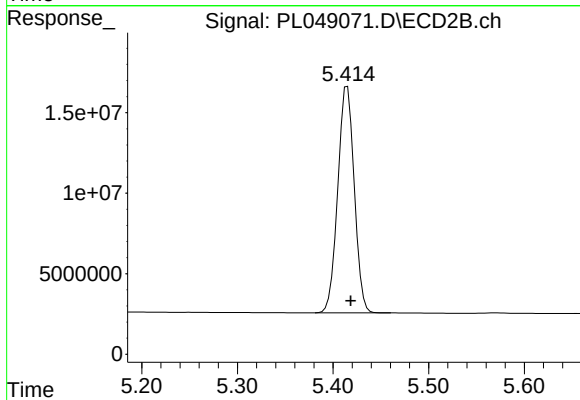
R.T.: 5.113 min  
Delta R.T.: -0.003 min  
Response: 182864510  
Conc: 52.82 ng/ml



#5 Aldrin

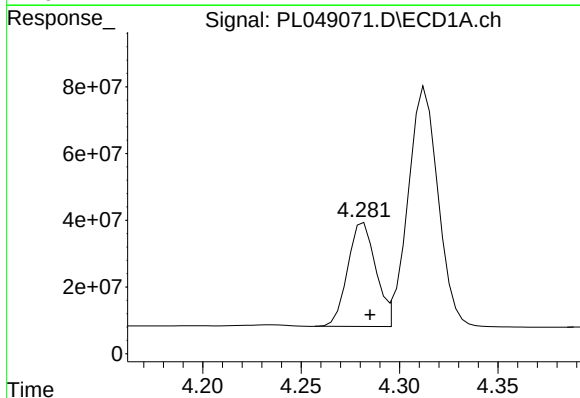
R.T.: 4.552 min  
Delta R.T.: -0.004 min  
Response: 730807761  
Conc: 53.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



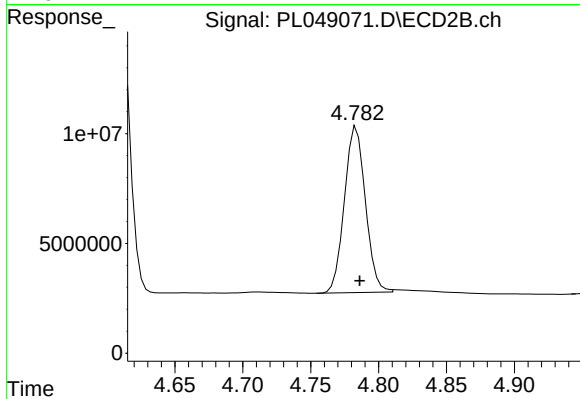
#5 Aldrin

R.T.: 5.415 min  
Delta R.T.: -0.003 min  
Response: 168676527  
Conc: 54.47 ng/ml



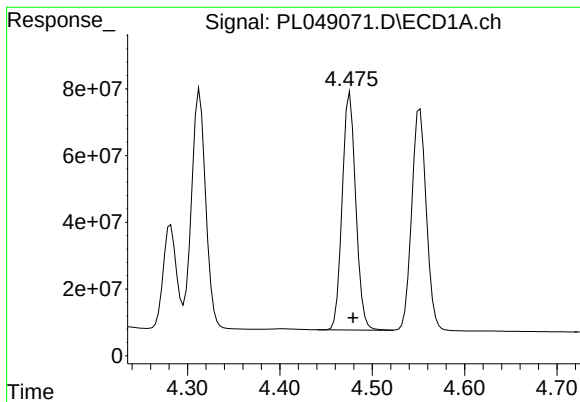
#6 beta-BHC

R.T.: 4.282 min  
Delta R.T.: -0.003 min  
Response: 306681497  
Conc: 51.97 ng/ml



#6 beta-BHC

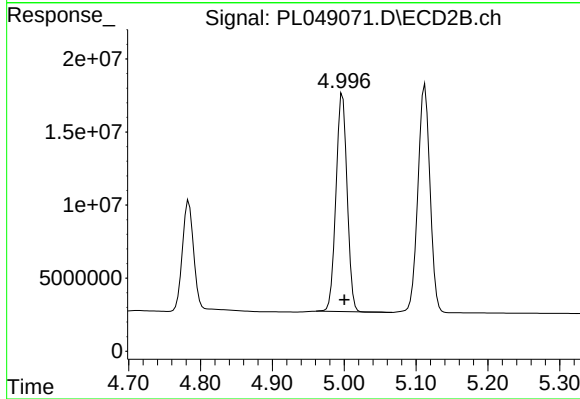
R.T.: 4.784 min  
Delta R.T.: -0.002 min  
Response: 81627112  
Conc: 52.46 ng/ml



#7 delta-BHC

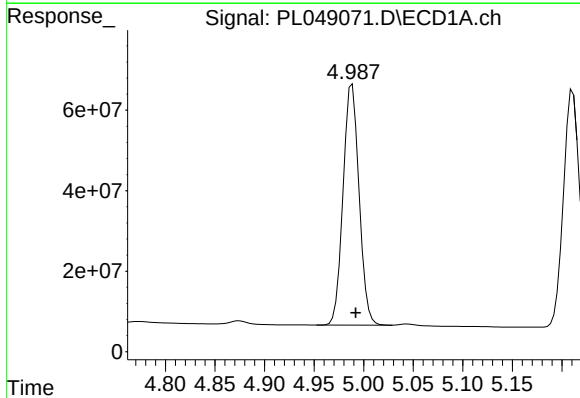
R.T.: 4.476 min  
Delta R.T.: -0.003 min  
Response: 726819305  
Conc: 51.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



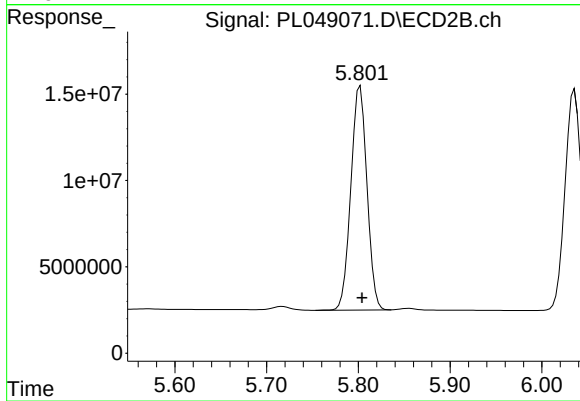
#7 delta-BHC

R.T.: 4.998 min  
Delta R.T.: -0.002 min  
Response: 160505747  
Conc: 56.76 ng/ml



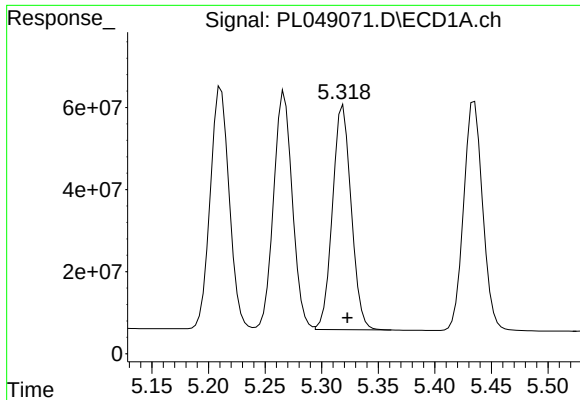
#8 Heptachlor epoxide

R.T.: 4.988 min  
Delta R.T.: -0.003 min  
Response: 672132325  
Conc: 52.17 ng/ml



#8 Heptachlor epoxide

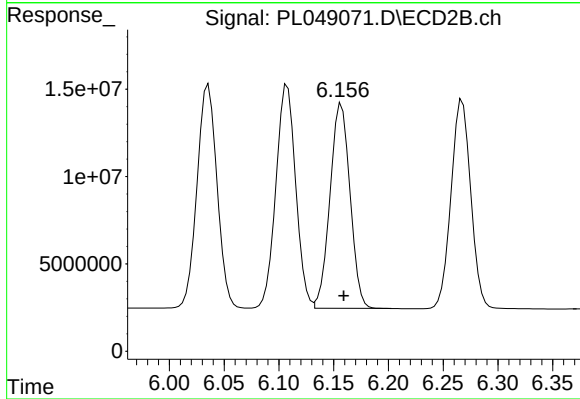
R.T.: 5.802 min  
Delta R.T.: -0.002 min  
Response: 158315789  
Conc: 54.28 ng/ml



#9 Endosulfan I

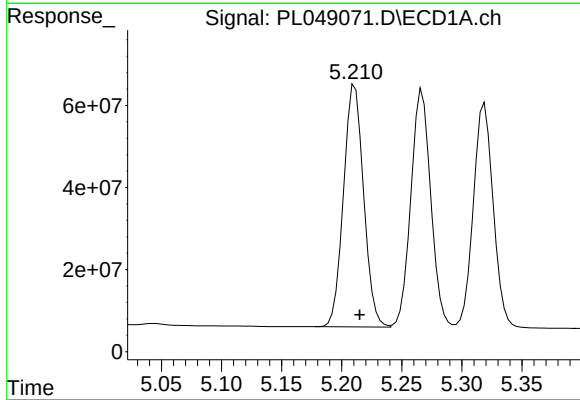
R.T.: 5.319 min  
Delta R.T.: -0.004 min  
Response: 629285874  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



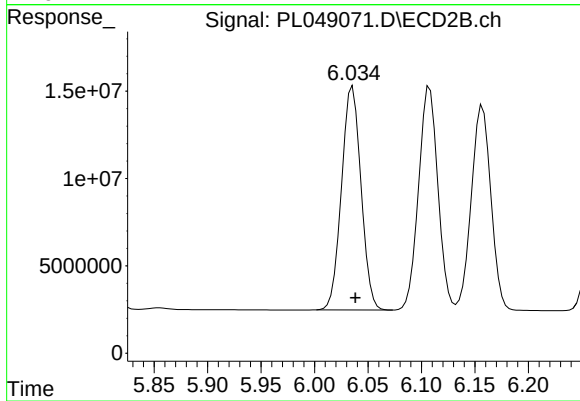
#9 Endosulfan I

R.T.: 6.157 min  
Delta R.T.: -0.002 min  
Response: 149349275  
Conc: 52.82 ng/ml



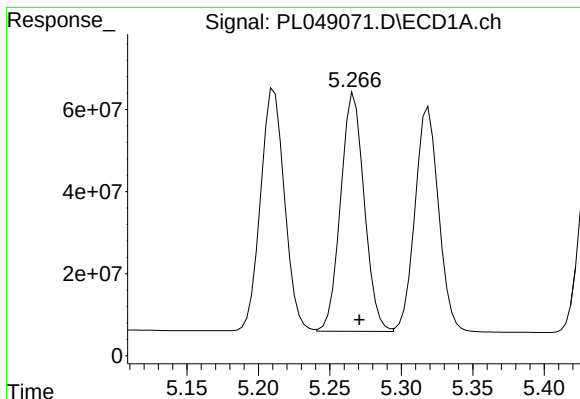
#10 gamma-Chlordane

R.T.: 5.211 min  
Delta R.T.: -0.004 min  
Response: 689339581  
Conc: 51.63 ng/ml



#10 gamma-Chlordane

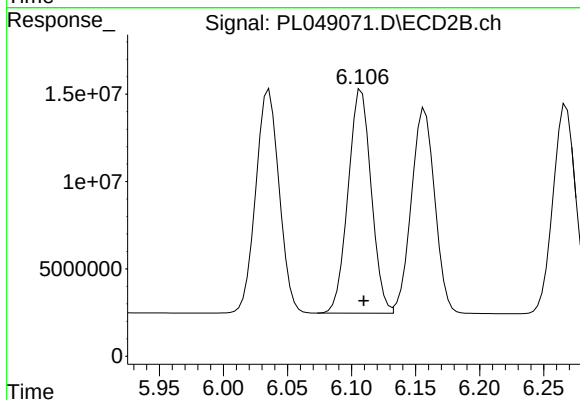
R.T.: 6.036 min  
Delta R.T.: -0.003 min  
Response: 162518679  
Conc: 52.79 ng/ml



#11 alpha-Chlordane

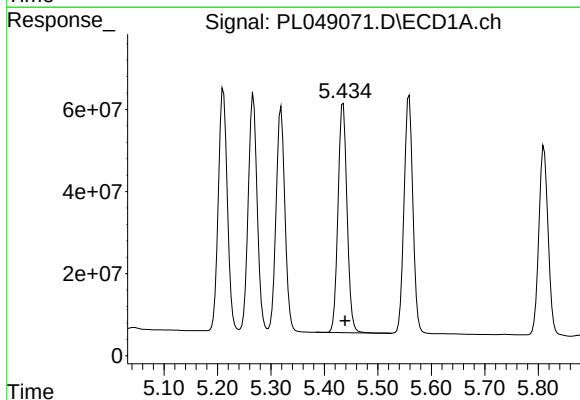
R.T.: 5.267 min  
Delta R.T.: -0.004 min  
Response: 668581813  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



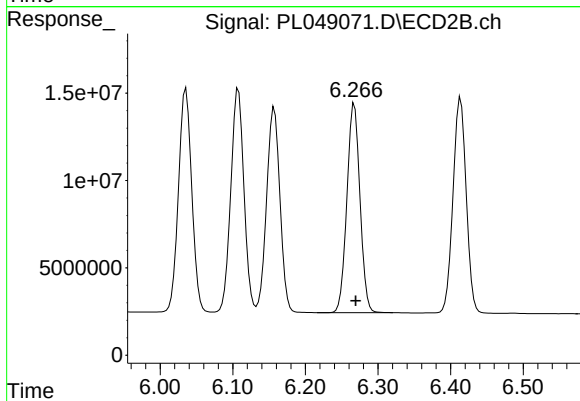
#11 alpha-Chlordane

R.T.: 6.108 min  
Delta R.T.: -0.002 min  
Response: 161282862  
Conc: 52.56 ng/ml



#12 4,4'-DDE

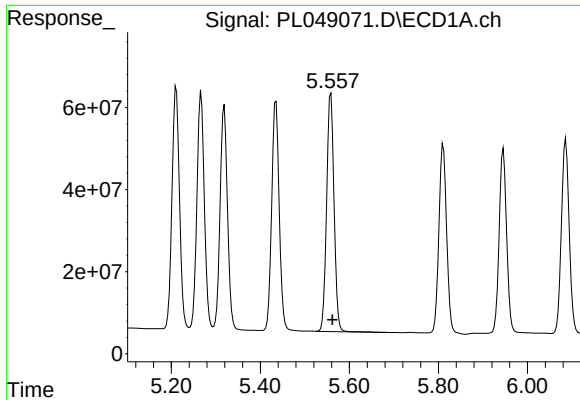
R.T.: 5.435 min  
Delta R.T.: -0.004 min  
Response: 656175219  
Conc: 51.73 ng/ml



#12 4,4'-DDE

R.T.: 6.267 min  
Delta R.T.: -0.002 min  
Response: 150087611  
Conc: 54.36 ng/ml

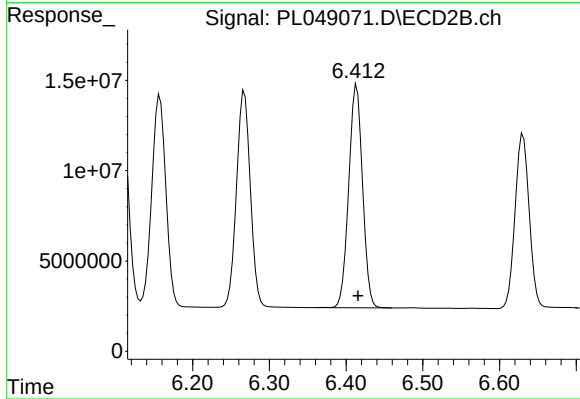




#13 Dieldrin

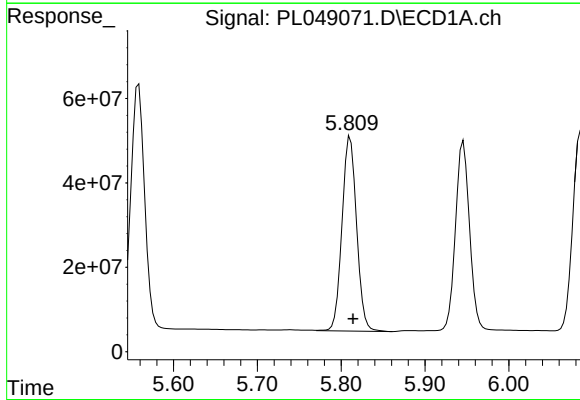
R.T.: 5.558 min  
Delta R.T.: -0.004 min  
Response: 670888627  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



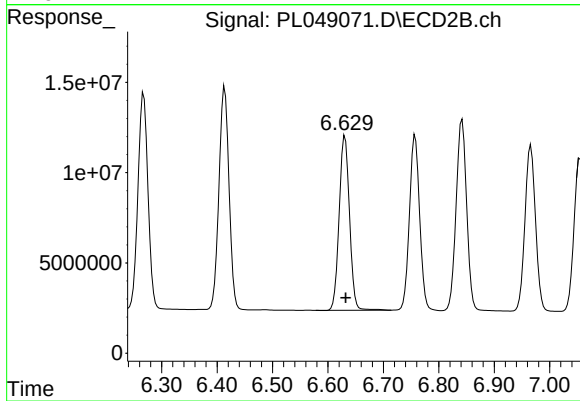
#13 Dieldrin

R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 155803482  
Conc: 53.11 ng/ml



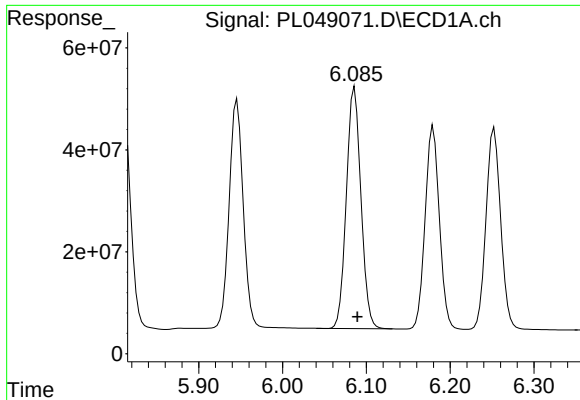
#14 Endrin

R.T.: 5.811 min  
Delta R.T.: -0.003 min  
Response: 558995369  
Conc: 45.92 ng/ml



#14 Endrin

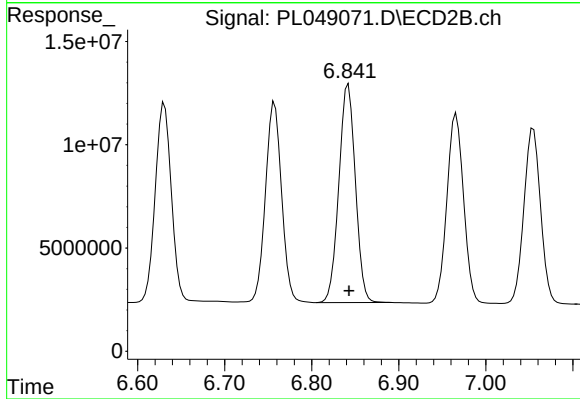
R.T.: 6.631 min  
Delta R.T.: -0.002 min  
Response: 124953755  
Conc: 47.92 ng/ml



#15 Endosulfan II

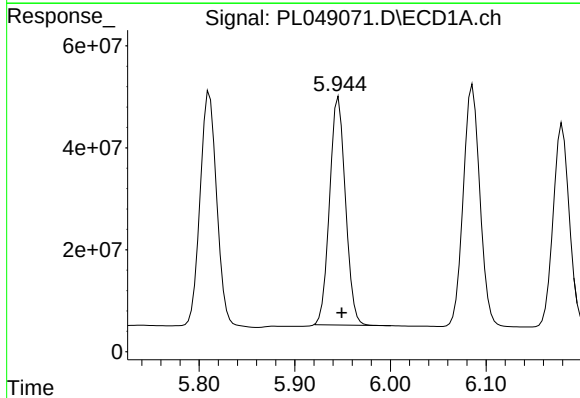
R.T.: 6.086 min  
Delta R.T.: -0.003 min  
Response: 573768069  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



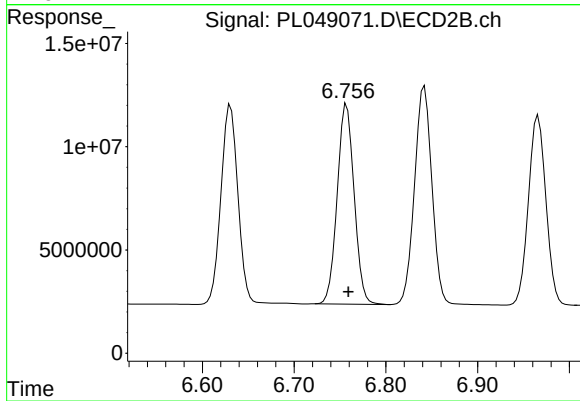
#15 Endosulfan II

R.T.: 6.842 min  
Delta R.T.: 0.000 min  
Response: 139386582  
Conc: 51.69 ng/ml



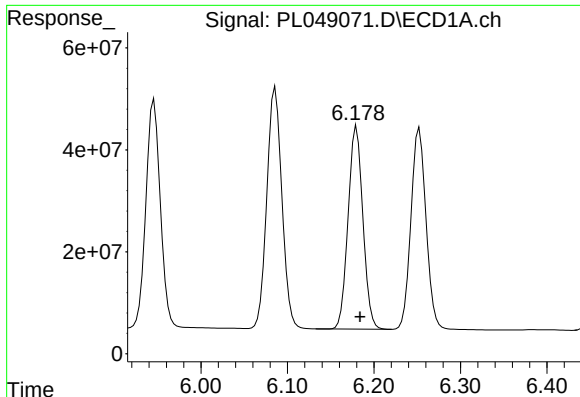
#16 4,4'-DDD

R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 514540434  
Conc: 52.86 ng/ml



#16 4,4'-DDD

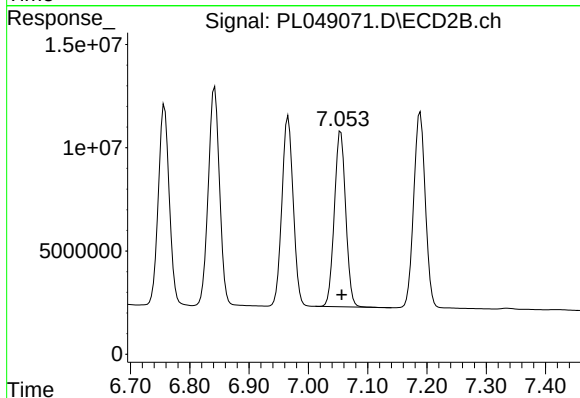
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 124435971  
Conc: 55.45 ng/ml



#17 4,4'-DDT

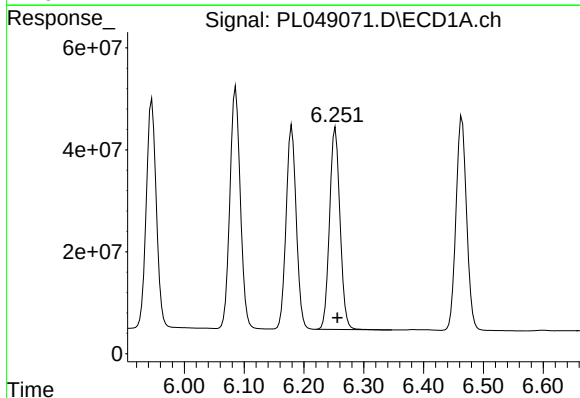
R.T.: 6.180 min  
Delta R.T.: -0.004 min  
Response: 471237888  
Conc: 46.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



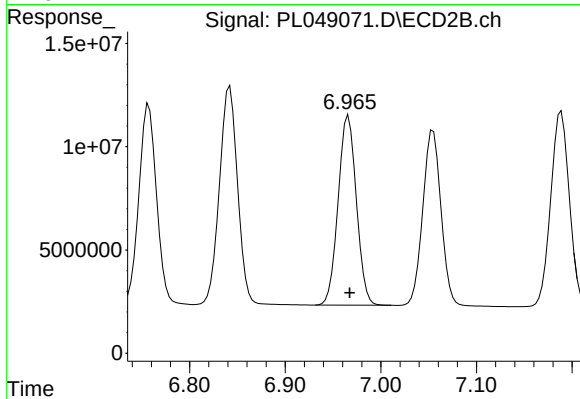
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: -0.002 min  
Response: 113262838  
Conc: 48.27 ng/ml



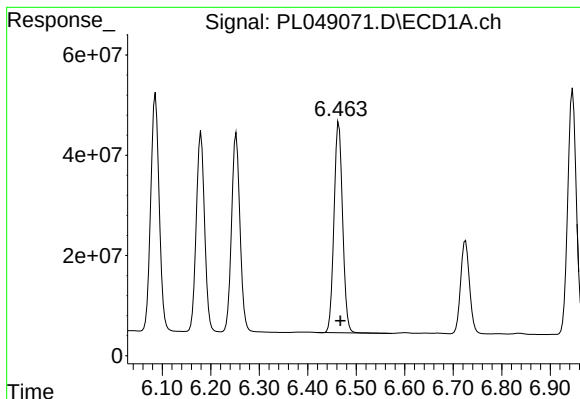
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: -0.004 min  
Response: 481878776  
Conc: 49.58 ng/ml



#18 Endrin aldehyde

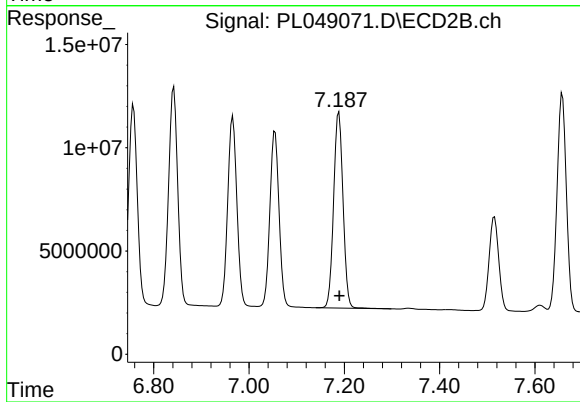
R.T.: 6.966 min  
Delta R.T.: -0.001 min  
Response: 121854123  
Conc: 52.00 ng/ml



#19 Endosulfan Sulfate

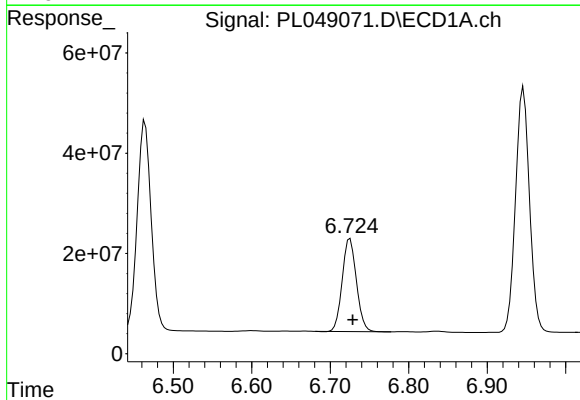
R.T.: 6.464 min  
Delta R.T.: -0.003 min  
Response: 514559652  
Conc: 47.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



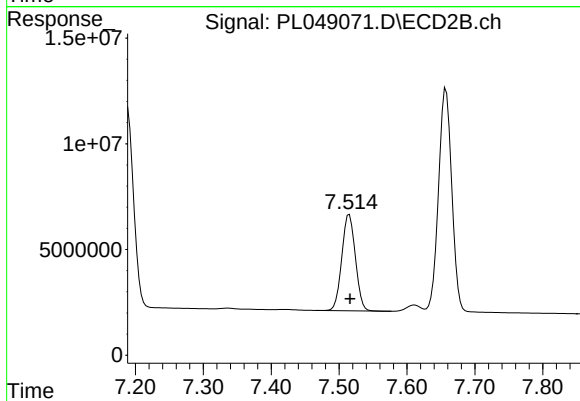
#19 Endosulfan Sulfate

R.T.: 7.189 min  
Delta R.T.: -0.001 min  
Response: 130227595  
Conc: 50.32 ng/ml



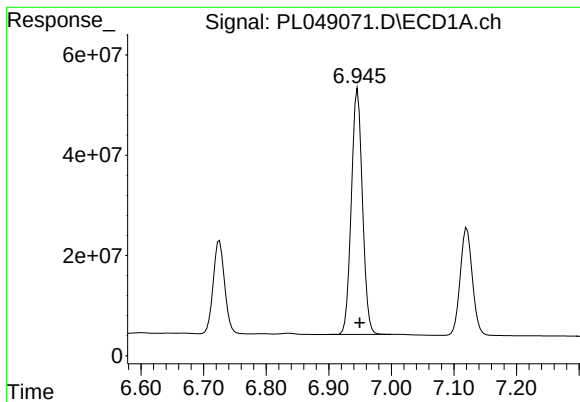
#20 Methoxychlor

R.T.: 6.725 min  
Delta R.T.: -0.004 min  
Response: 233844590  
Conc: 42.95 ng/ml



#20 Methoxychlor

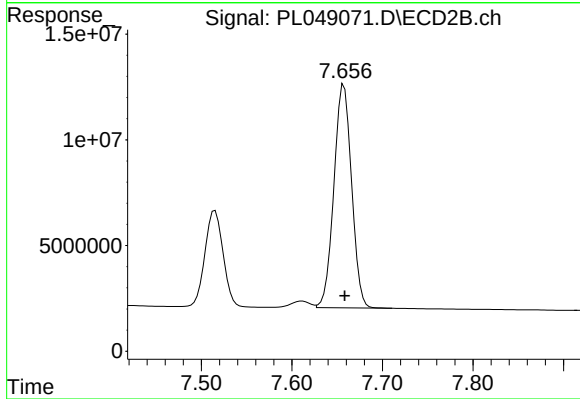
R.T.: 7.515 min  
Delta R.T.: -0.001 min  
Response: 63410924  
Conc: 46.45 ng/ml



#21 Endrin ketone

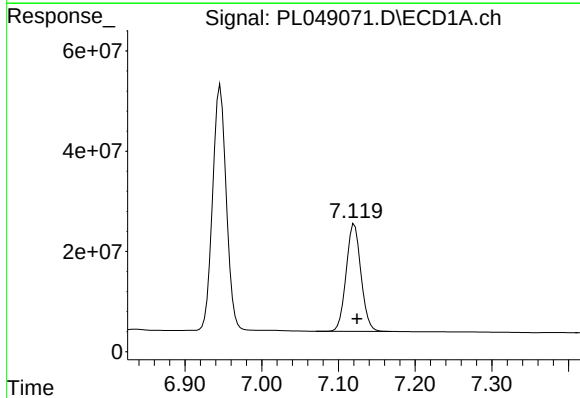
R.T.: 6.946 min  
Delta R.T.: -0.004 min  
Response: 605055283  
Conc: 51.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



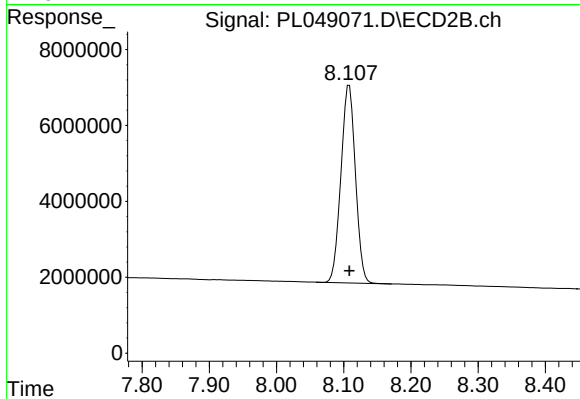
#21 Endrin ketone

R.T.: 7.658 min  
Delta R.T.: 0.000 min  
Response: 143559671  
Conc: 54.95 ng/ml



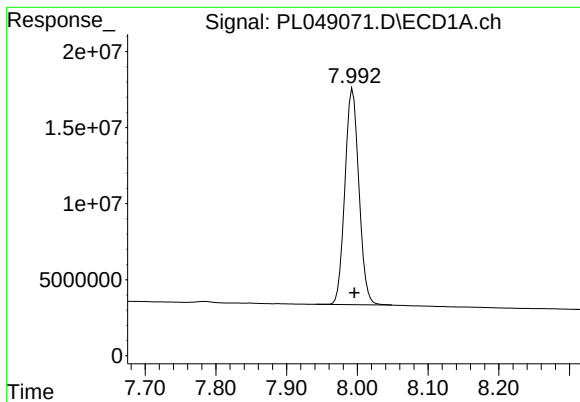
#22 Mirex

R.T.: 7.121 min  
Delta R.T.: -0.003 min  
Response: 289279002  
Conc: 32.27 ng/ml



#22 Mirex

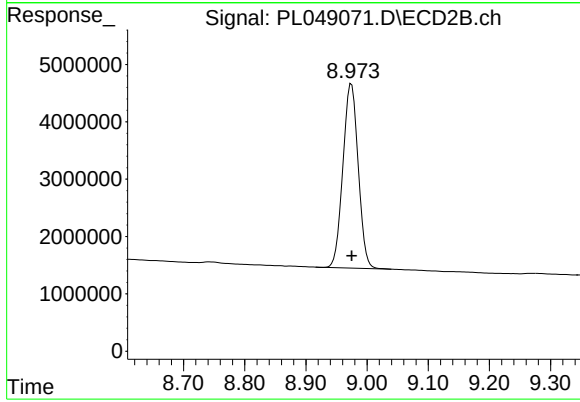
R.T.: 8.108 min  
Delta R.T.: 0.000 min  
Response: 77779882  
Conc: 36.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: -0.002 min  
Response: 195732492  
Conc: 19.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120149BS



#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: 0.000 min  
Response: 55878902  
Conc: 21.05 ng/ml