

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042820\  
 Data File : PL058423.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Apr 2020 15:31  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 29 01:01:17 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 29 00:55:33 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... | 3.455  | 3.954  | 526.3E6  | 105.6E6  | 49.455   | 48.865     |
| 28)                         | SA Decachlor... | 8.199  | 8.973  | 524.9E6  | 108.2E6  | 48.532   | 48.778     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.891  | 4.341  | 907.7E6  | 165.5E6  | 49.563   | 49.987     |
| 3)                          | MA gamma-BHC... | 4.175  | 4.623  | 852.3E6  | 165.2E6  | 49.370   | 49.931     |
| 4)                          | MA Heptachlor   | 4.475  | 5.124  | 872.6E6  | 169.6E6  | 49.385   | 49.103     |
| 5)                          | MB Aldrin       | 4.722  | 5.425  | 819.9E6  | 166.0E6  | 49.431   | 49.133     |
| 6)                          | B beta-BHC      | 4.427  | 4.797  | 351.0E6  | 71224925 | 49.115   | 48.884     |
| 7)                          | B delta-BHC     | 4.631  | 5.010  | 840.7E6  | 136.7E6  | 49.487   | 54.361     |
| 8)                          | B Heptachlo...  | 5.165  | 5.810  | 767.3E6  | 157.6E6  | 50.519   | 49.212     |
| 9)                          | A Endosulfan I  | 5.504  | 6.165  | 695.9E6  | 150.8E6  | 49.296   | 48.742     |
| 10)                         | B gamma-Chl...  | 5.391  | 6.044  | 770.5E6  | 168.1E6  | 50.038   | 49.794     |
| 11)                         | B alpha-Chl...  | 5.450  | 6.115  | 744.4E6  | 165.4E6  | 49.088   | 48.634     |
| 12)                         | B 4,4'-DDE      | 5.613  | 6.275  | 761.9E6  | 149.1E6  | 50.393   | 48.868     |
| 13)                         | MA Dieldrin     | 5.746  | 6.420  | 731.1E6  | 152.4E6  | 49.039   | 48.696     |
| 14)                         | MA Endrin       | 6.003  | 6.637  | 667.1E6  | 126.6E6  | 49.072   | 49.233     |
| 15)                         | B Endosulfa...  | 6.277  | 6.847  | 607.2E6  | 123.5E6  | 47.991   | 46.334     |
| 16)                         | A 4,4'-DDD      | 6.129  | 6.763  | 568.6E6  | 110.5E6  | 48.487   | 48.630     |
| 17)                         | MA 4,4'-DDT     | 6.368  | 7.060  | 584.3E6  | 109.2E6  | 50.071   | 49.855     |
| 18)                         | B Endrin al...  | 6.444  | 6.971  | 511.3E6  | 104.8E6  | 48.202   | 48.082     |
| 19)                         | B Endosulfa...  | 6.658  | 7.193  | 553.9E6  | 113.3E6  | 47.753   | 47.929     |
| 20)                         | A Methoxychlor  | 6.914  | 7.519  | 296.5E6  | 60862476 | 49.904   | 49.105     |
| 21)                         | B Endrin ke...  | 7.148  | 7.661  | 594.5E6  | 118.7E6  | 50.170   | 48.677     |
| 22)                         | Mirex           | 7.334  | 8.110  | 426.4E6  | 91466521 | 48.189   | 47.897     |
| 23)                         | Chlordane-1     | 4.350f | 0.000  | 14807062 | 0        | 34.448   | N.D. #     |
| 24)                         | Chlordane-2     | 4.827  | 5.425f | 3032197  | 166.0E6  | 7.302    | 1675.088 # |
| 25)                         | Chlordane-3     | 5.391  | 6.044  | 770.5E6  | 168.1E6  | 586.619  | 420.266 #  |
| 26)                         | Chlordane-4     | 5.450  | 6.115  | 744.4E6  | 165.4E6  | 678.227  | 340.261 #  |
| 27)                         | Chlordane-5     | 6.277  | 0.000  | 607.2E6  | 0        | 1492.799 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

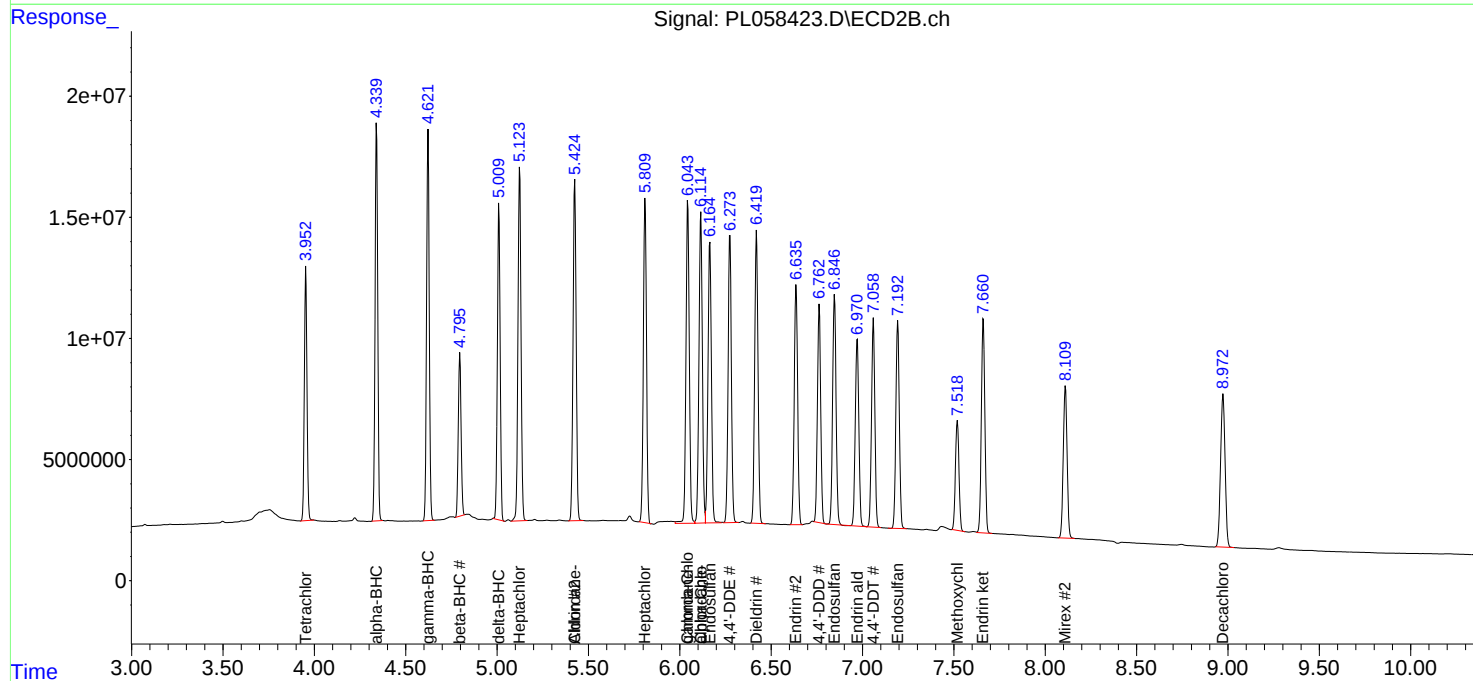
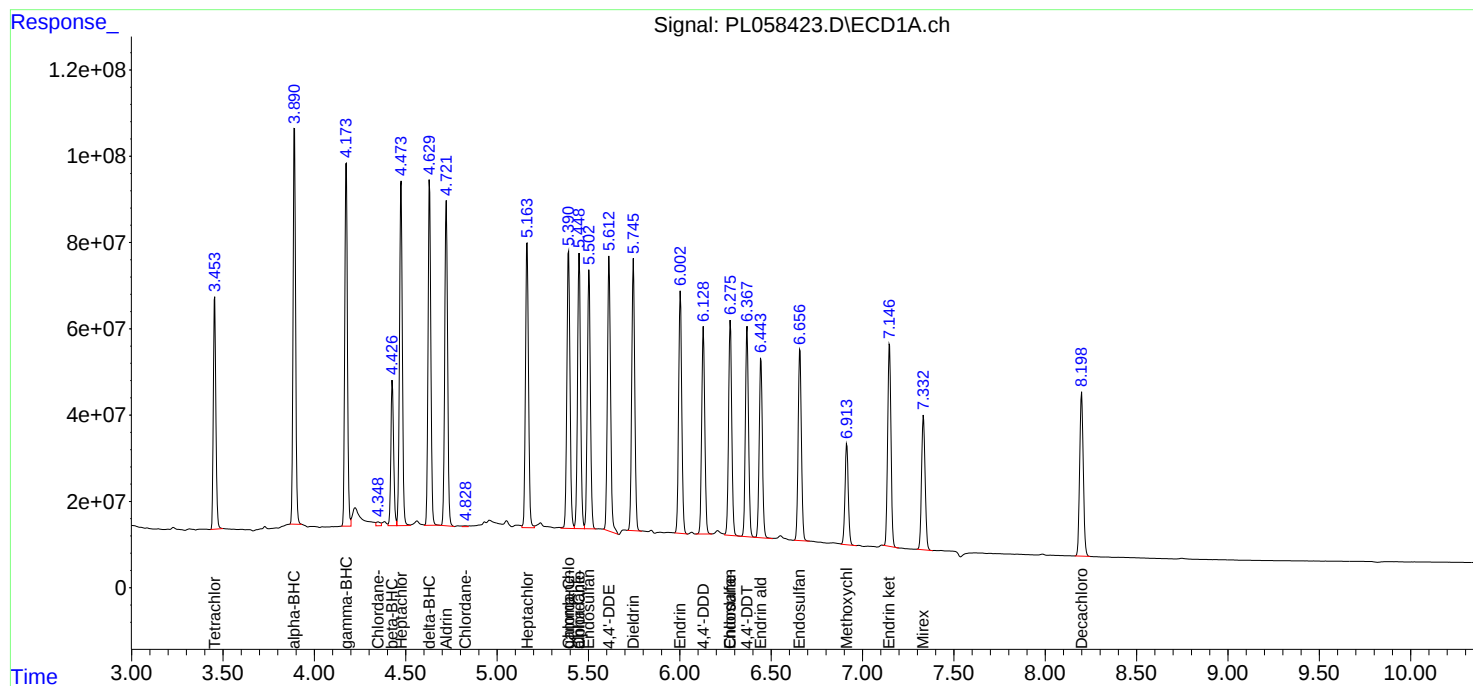
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

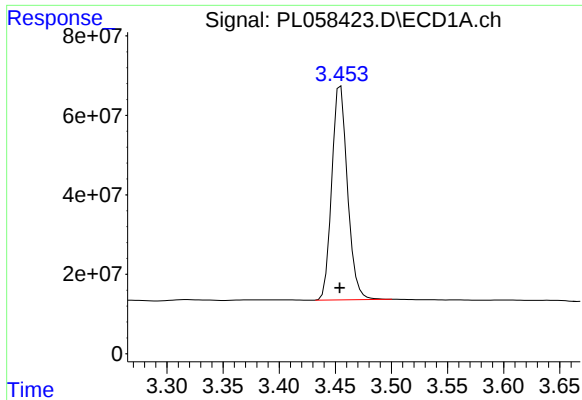
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042820\  
Data File : PL058423.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Apr 2020 15:31  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 29 01:01:17 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 29 00:55:33 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

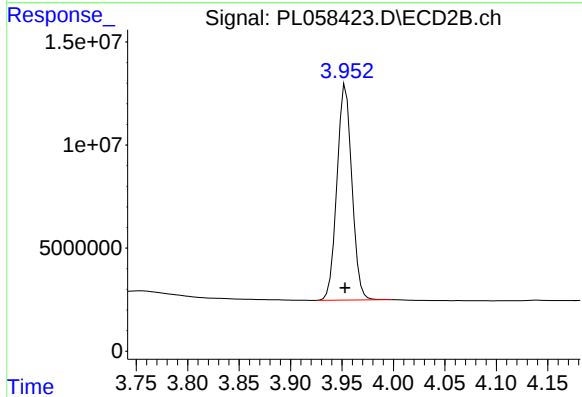




#1 Tetrachloro-m-xylene

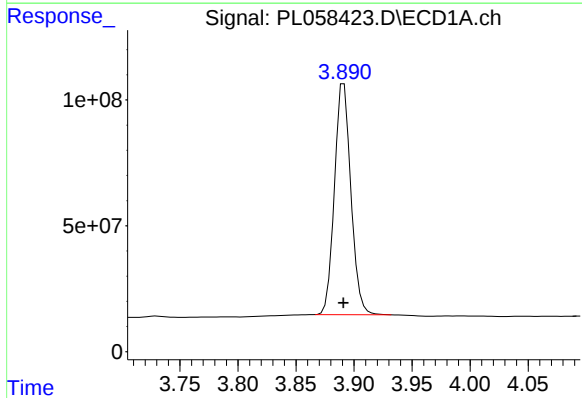
R.T.: 3.455 min  
Delta R.T.: 0.000 min  
Response: 526298315  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



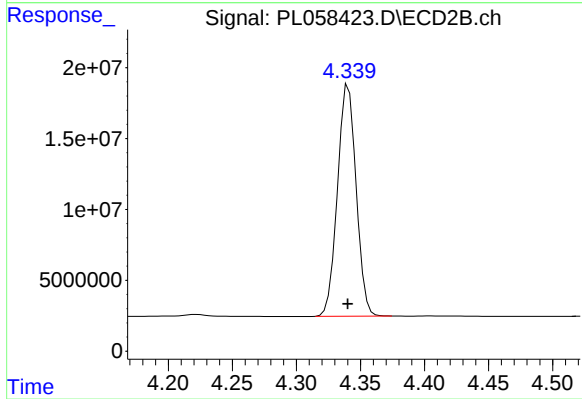
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 105617369  
Conc: 48.86 ng/ml



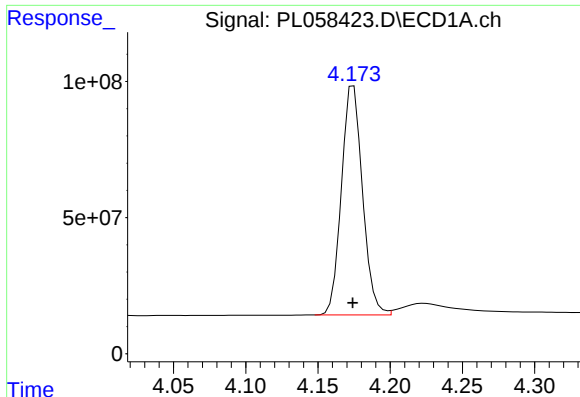
#2 alpha-BHC

R.T.: 3.891 min  
Delta R.T.: 0.000 min  
Response: 907692500  
Conc: 49.56 ng/ml



#2 alpha-BHC

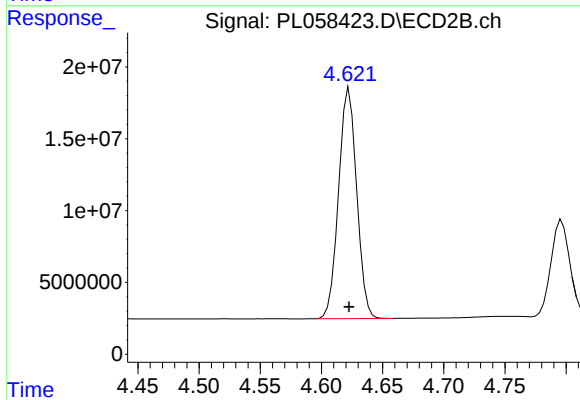
R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 165540405  
Conc: 49.99 ng/ml



#3 gamma-BHC (Lindane)

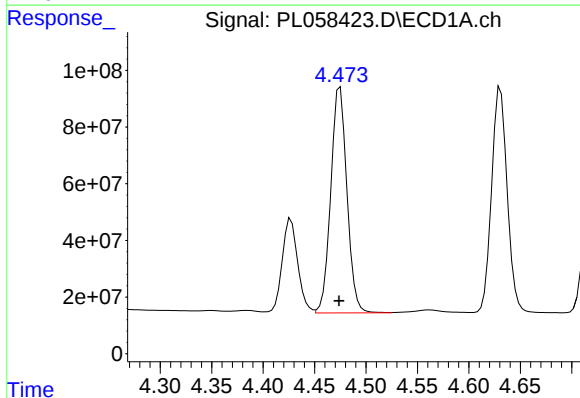
R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 852273955  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



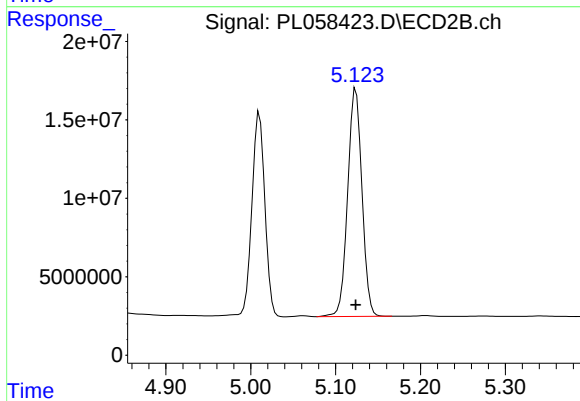
#3 gamma-BHC (Lindane)

R.T.: 4.623 min  
Delta R.T.: 0.000 min  
Response: 165199088  
Conc: 49.93 ng/ml



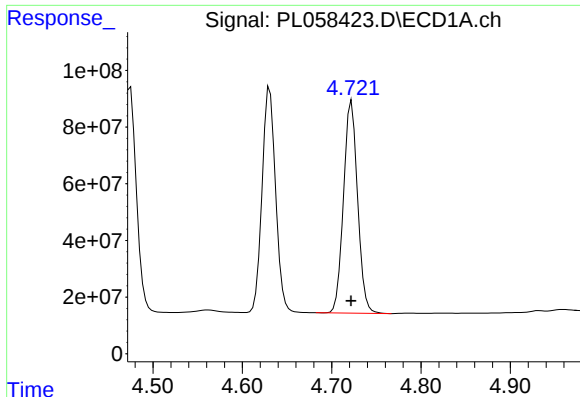
#4 Heptachlor

R.T.: 4.475 min  
Delta R.T.: 0.001 min  
Response: 872619718  
Conc: 49.38 ng/ml



#4 Heptachlor

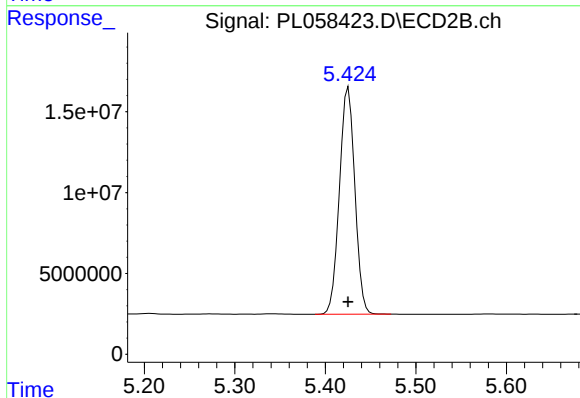
R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 169617691  
Conc: 49.10 ng/ml



#5 Aldrin

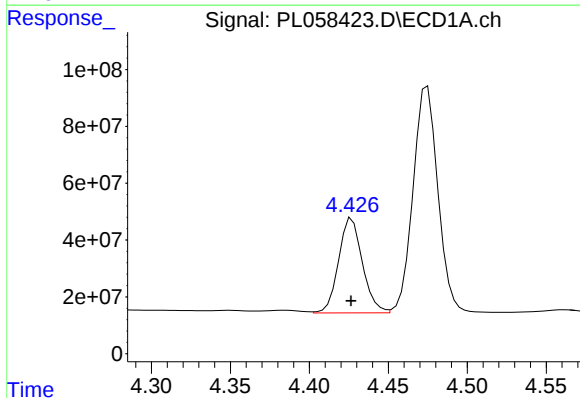
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 819885567  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



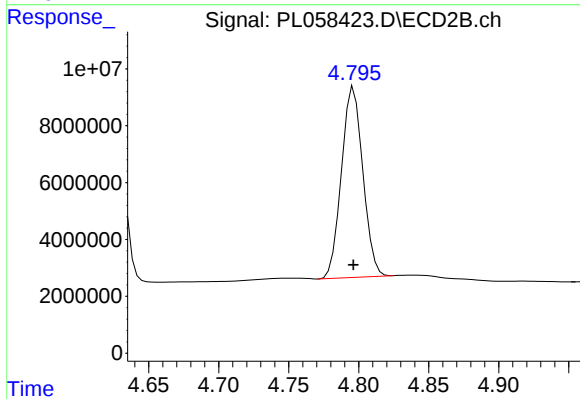
#5 Aldrin

R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 166043342  
Conc: 49.13 ng/ml



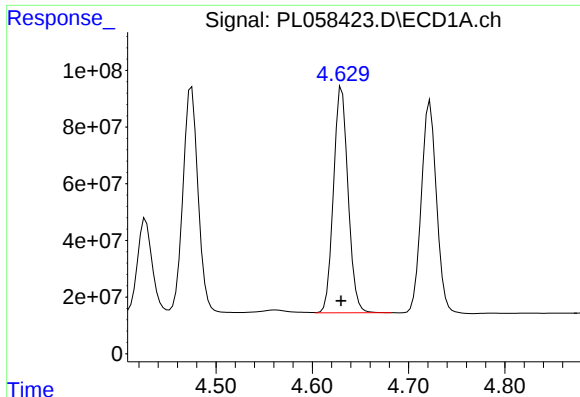
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 351012867  
Conc: 49.11 ng/ml



#6 beta-BHC

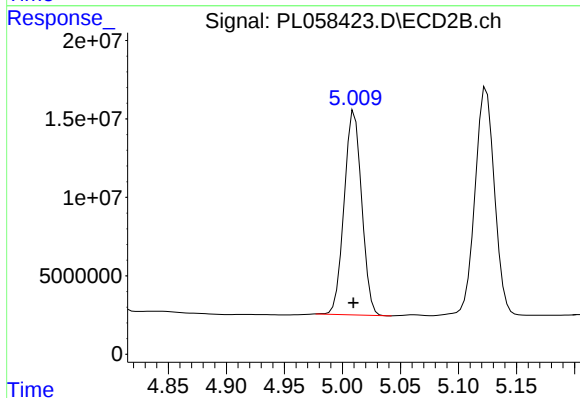
R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 71224925  
Conc: 48.88 ng/ml



#7 delta-BHC

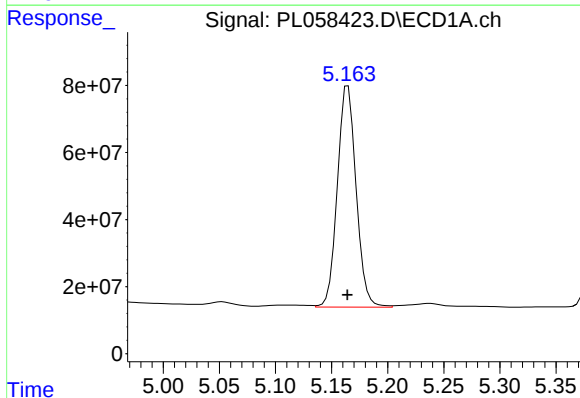
R.T.: 4.631 min  
Delta R.T.: 0.000 min  
Response: 840735795  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



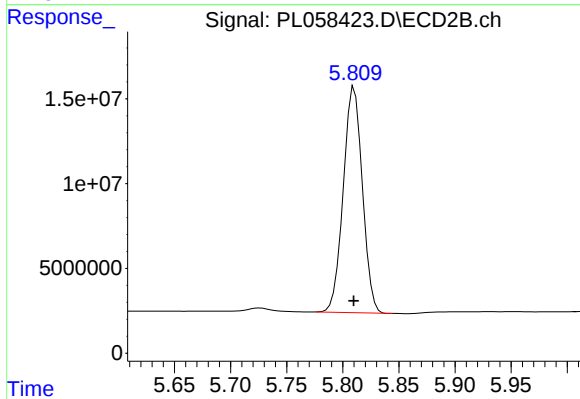
#7 delta-BHC

R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 136668088  
Conc: 54.36 ng/ml



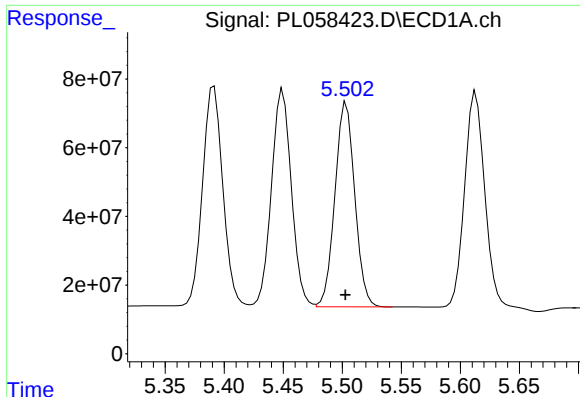
#8 Heptachlor epoxide

R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 767310642  
Conc: 50.52 ng/ml



#8 Heptachlor epoxide

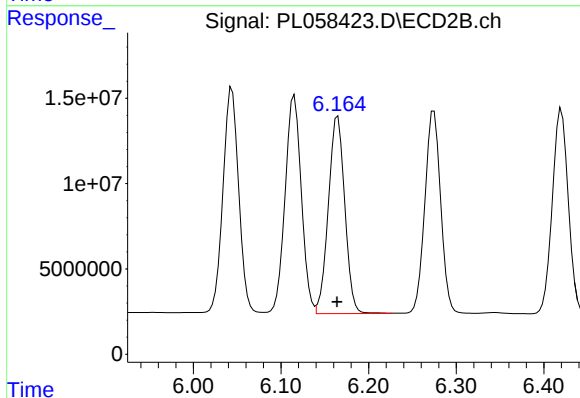
R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 157568296  
Conc: 49.21 ng/ml



#9 Endosulfan I

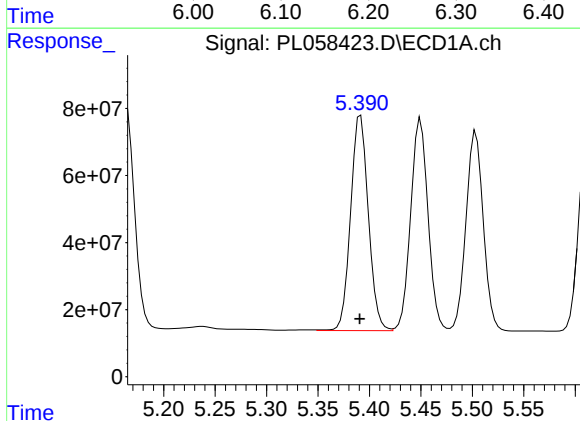
R.T.: 5.504 min  
Delta R.T.: 0.001 min  
Response: 695868343  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



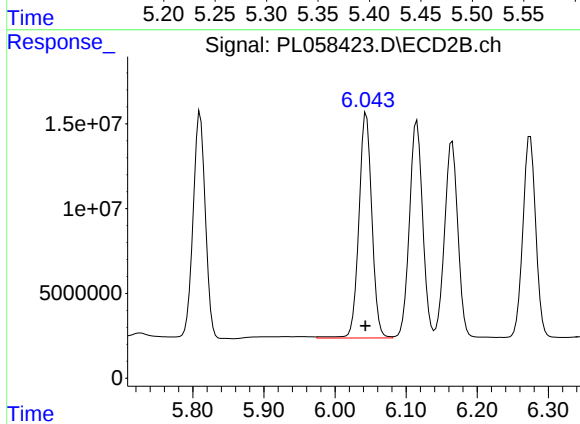
#9 Endosulfan I

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 150757160  
Conc: 48.74 ng/ml



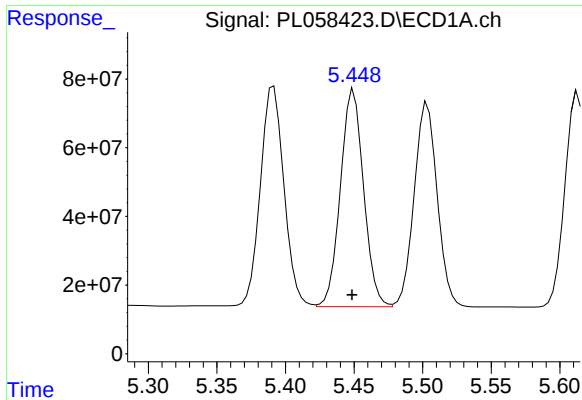
#10 gamma-Chlordane

R.T.: 5.391 min  
Delta R.T.: 0.000 min  
Response: 770500295  
Conc: 50.04 ng/ml



#10 gamma-Chlordane

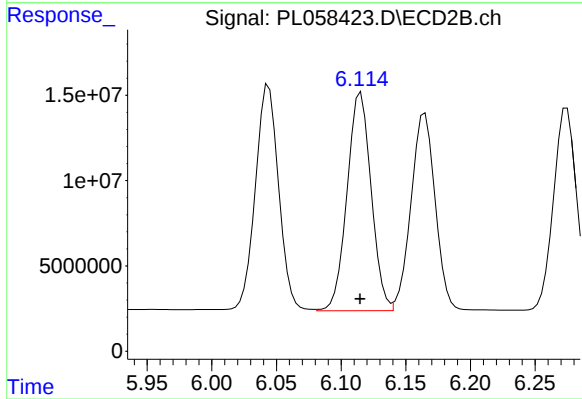
R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 168089992  
Conc: 49.79 ng/ml



#11 alpha-Chlordane

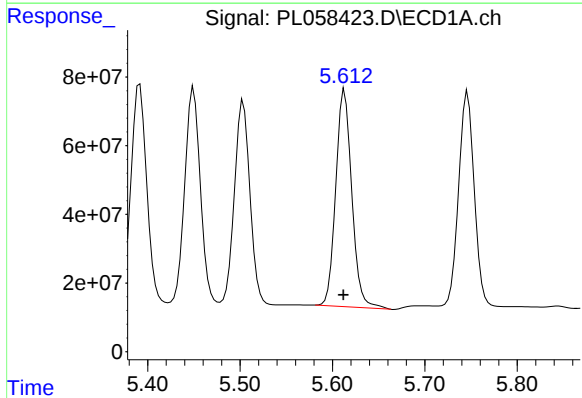
R.T.: 5.450 min  
Delta R.T.: 0.001 min  
Response: 744436422  
Conc: 49.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



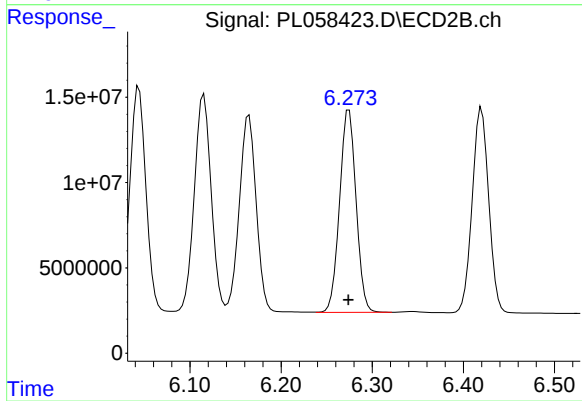
#11 alpha-Chlordane

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 165382723  
Conc: 48.63 ng/ml



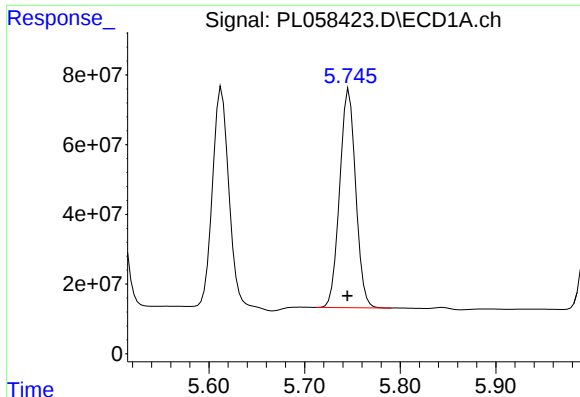
#12 4,4'-DDE

R.T.: 5.613 min  
Delta R.T.: 0.001 min  
Response: 761939573  
Conc: 50.39 ng/ml



#12 4,4'-DDE

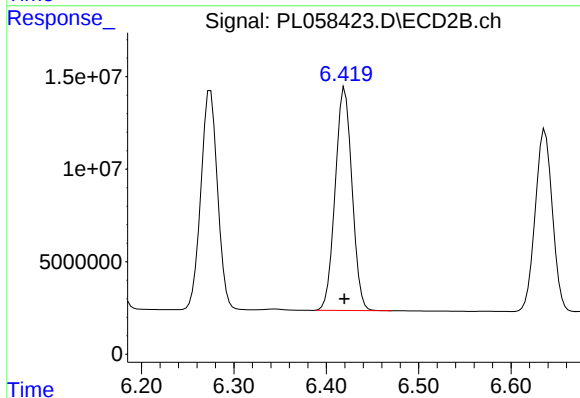
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 149067667  
Conc: 48.87 ng/ml



#13 Dieldrin

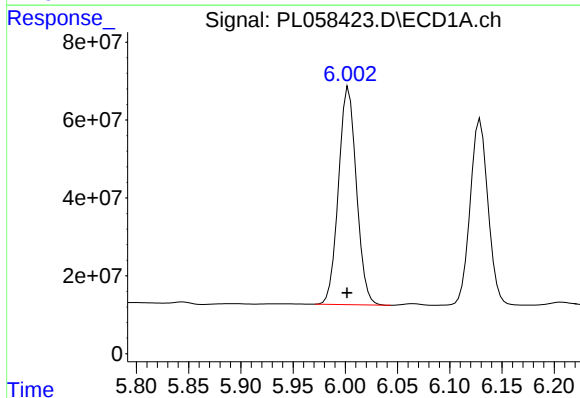
R.T.: 5.746 min  
Delta R.T.: 0.001 min  
Response: 731126016  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



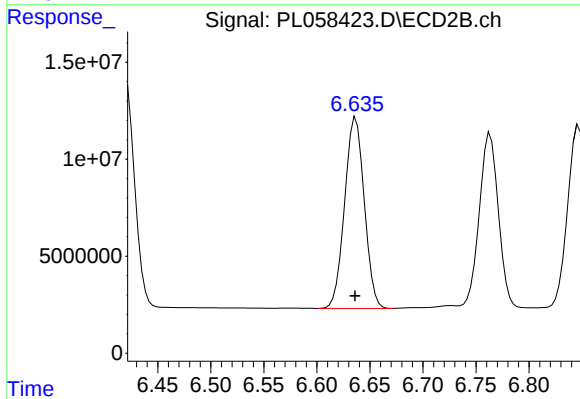
#13 Dieldrin

R.T.: 6.420 min  
Delta R.T.: 0.000 min  
Response: 152411612  
Conc: 48.70 ng/ml



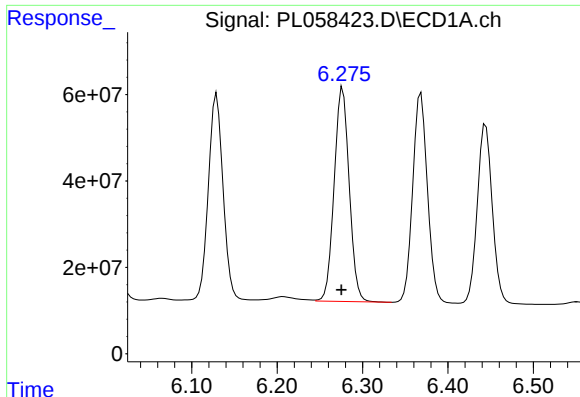
#14 Endrin

R.T.: 6.003 min  
Delta R.T.: 0.002 min  
Response: 667074479  
Conc: 49.07 ng/ml



#14 Endrin

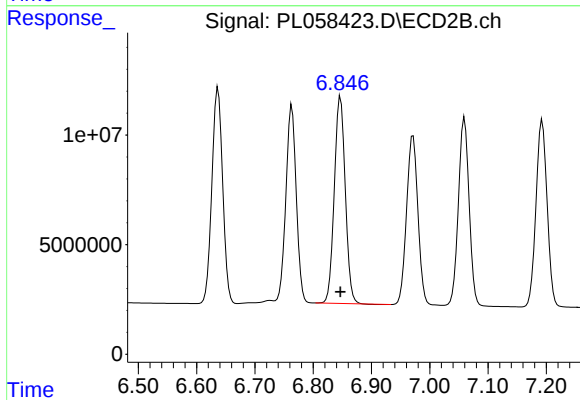
R.T.: 6.637 min  
Delta R.T.: 0.000 min  
Response: 126579752  
Conc: 49.23 ng/ml



#15 Endosulfan II

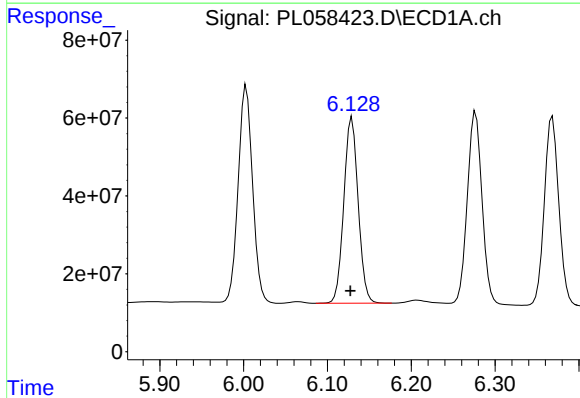
R.T.: 6.277 min  
Delta R.T.: 0.002 min  
Response: 607199211  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



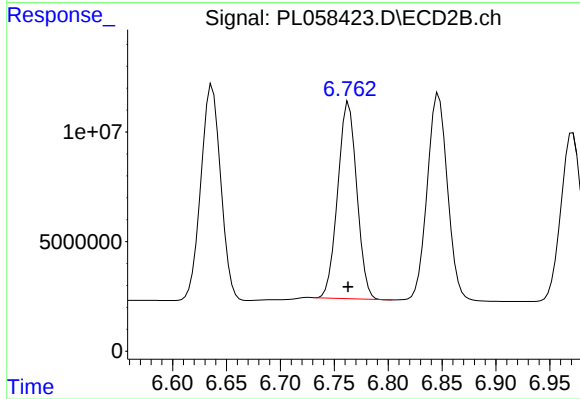
#15 Endosulfan II

R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 123465424  
Conc: 46.33 ng/ml



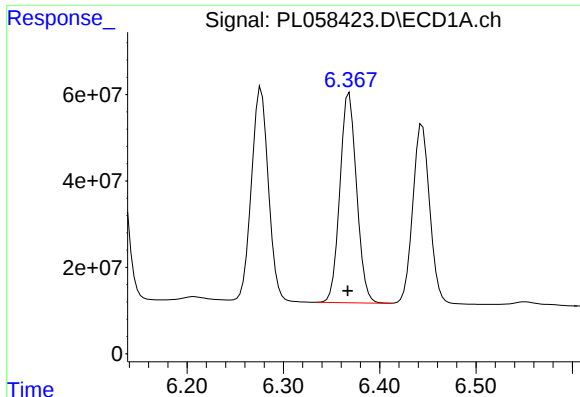
#16 4,4'-DDD

R.T.: 6.129 min  
Delta R.T.: 0.002 min  
Response: 568600999  
Conc: 48.49 ng/ml



#16 4,4'-DDD

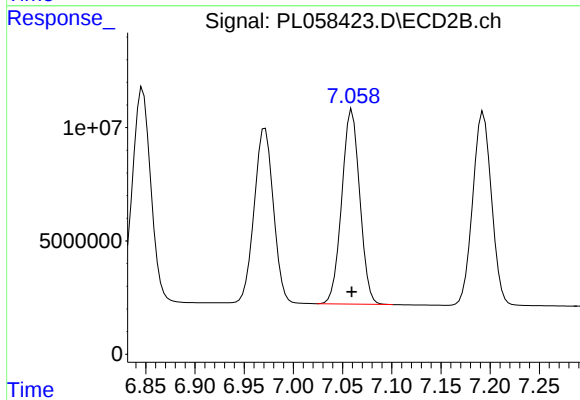
R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 110528617  
Conc: 48.63 ng/ml



#17 4,4'-DDT

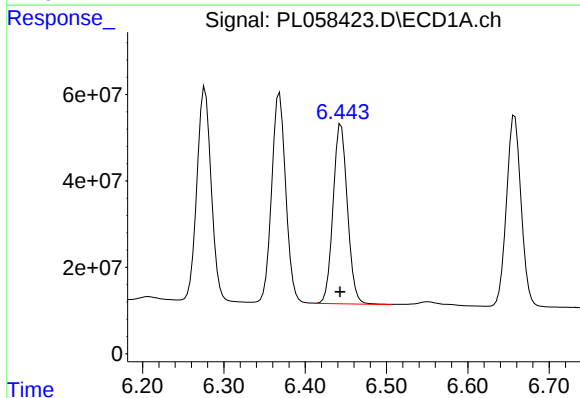
R.T.: 6.368 min  
Delta R.T.: 0.002 min  
Response: 584264373  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



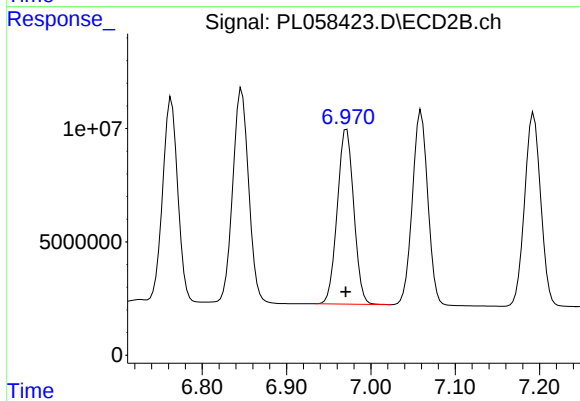
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 109164682  
Conc: 49.86 ng/ml



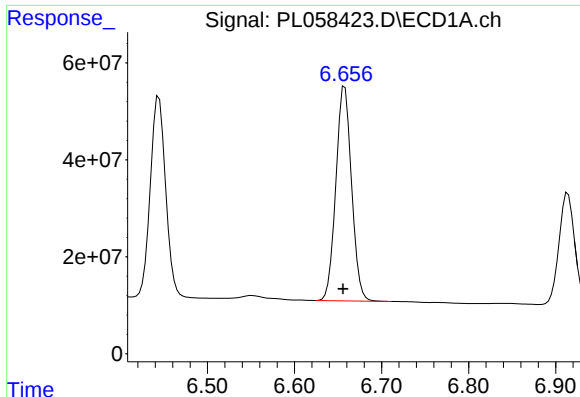
#18 Endrin aldehyde

R.T.: 6.444 min  
Delta R.T.: 0.001 min  
Response: 511290293  
Conc: 48.20 ng/ml



#18 Endrin aldehyde

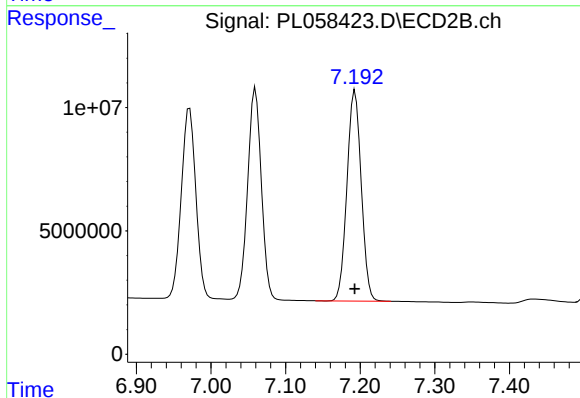
R.T.: 6.971 min  
Delta R.T.: 0.001 min  
Response: 104831526  
Conc: 48.08 ng/ml



#19 Endosulfan Sulfate

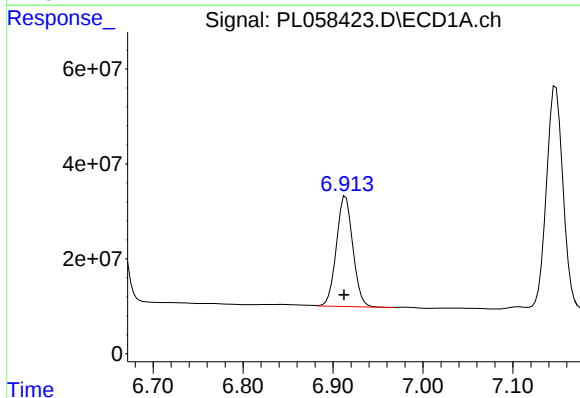
R.T.: 6.658 min  
Delta R.T.: 0.002 min  
Response: 553880551  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



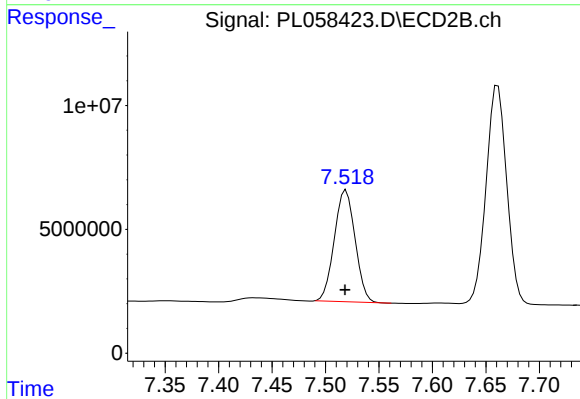
#19 Endosulfan Sulfate

R.T.: 7.193 min  
Delta R.T.: 0.000 min  
Response: 113345651  
Conc: 47.93 ng/ml



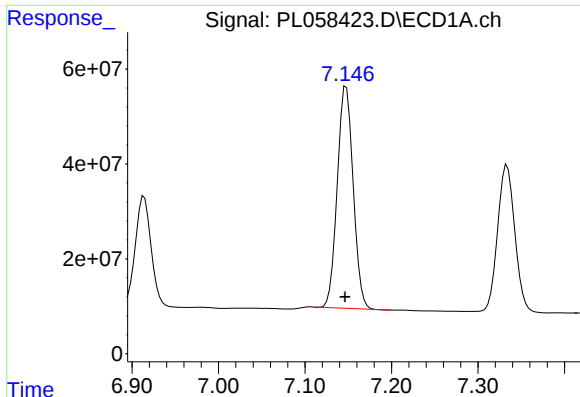
#20 Methoxychlor

R.T.: 6.914 min  
Delta R.T.: 0.002 min  
Response: 296517329  
Conc: 49.90 ng/ml



#20 Methoxychlor

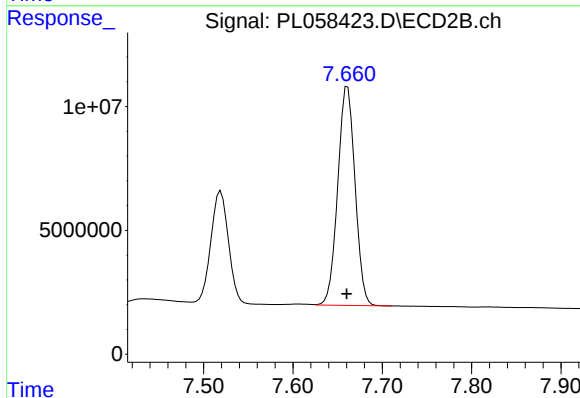
R.T.: 7.519 min  
Delta R.T.: 0.000 min  
Response: 60862476  
Conc: 49.10 ng/ml



#21 Endrin ketone

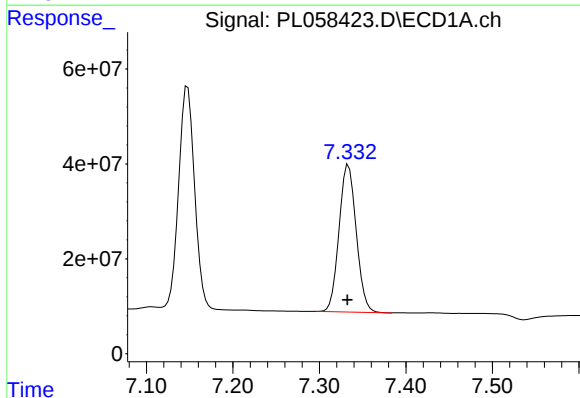
R.T.: 7.148 min  
Delta R.T.: 0.002 min  
Response: 594459705  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



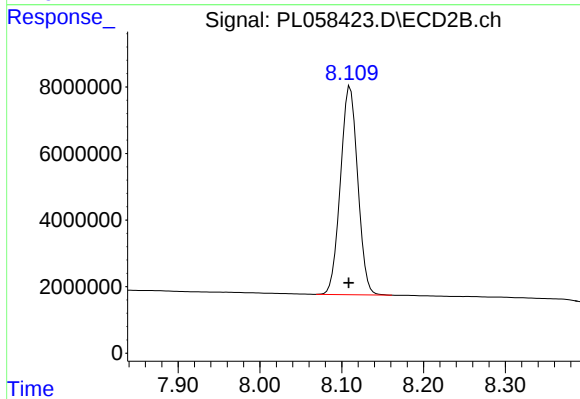
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: 0.000 min  
Response: 118665358  
Conc: 48.68 ng/ml



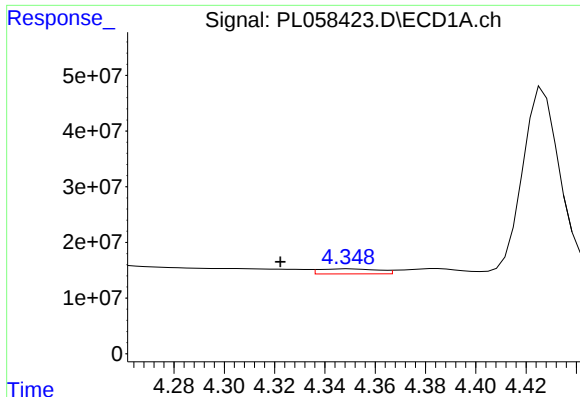
#22 Mirex

R.T.: 7.334 min  
Delta R.T.: 0.001 min  
Response: 426374267  
Conc: 48.19 ng/ml



#22 Mirex

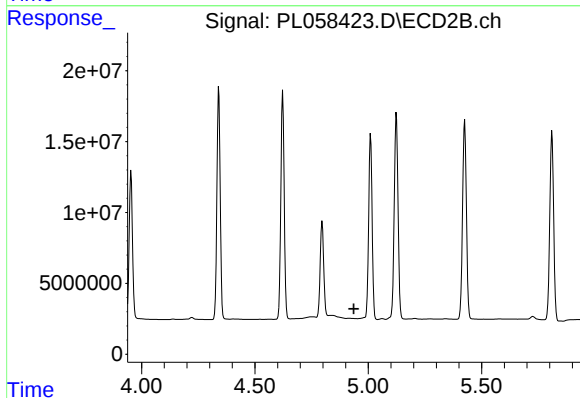
R.T.: 8.110 min  
Delta R.T.: 0.002 min  
Response: 91466521  
Conc: 47.90 ng/ml



#23 Chlordane-1

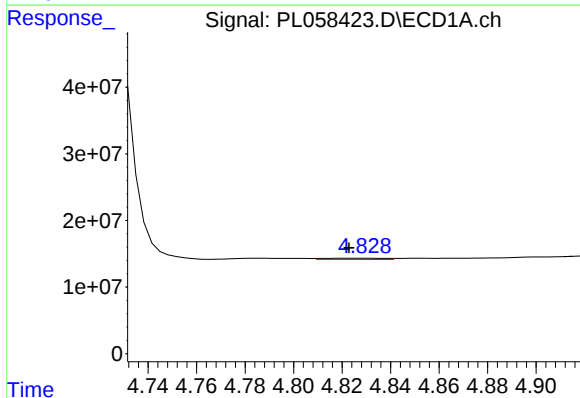
R.T.: 4.350 min  
Delta R.T.: 0.027 min  
Response: 14807062  
Conc: 34.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



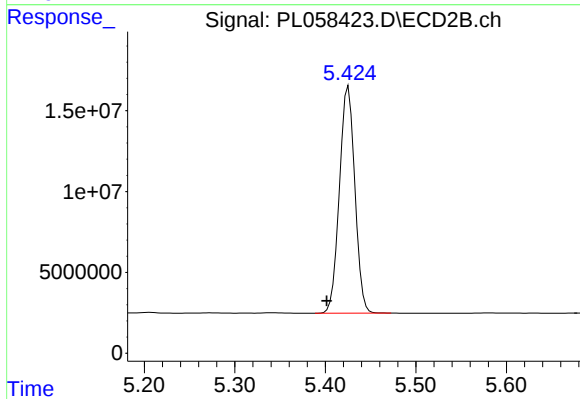
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.936 min  
Response: 0  
Conc: N.D.



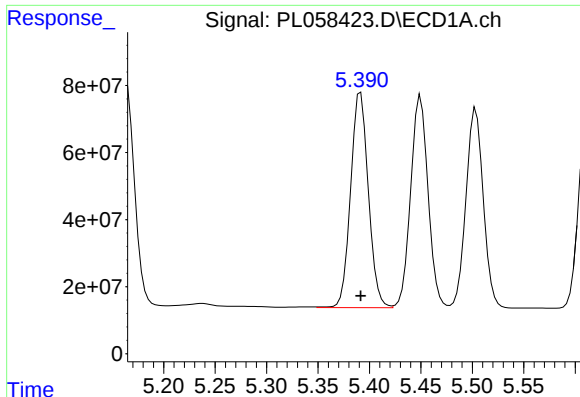
#24 Chlordane-2

R.T.: 4.827 min  
Delta R.T.: 0.004 min  
Response: 3032197  
Conc: 7.30 ng/ml



#24 Chlordane-2

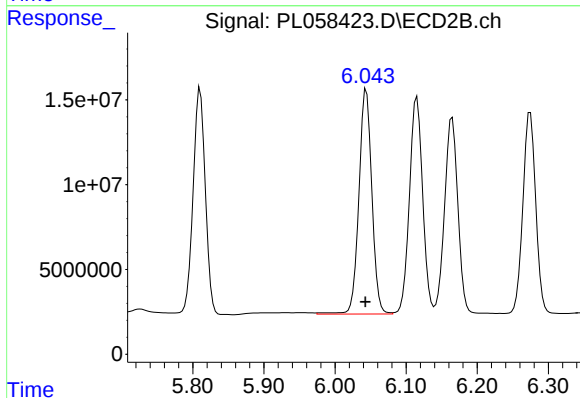
R.T.: 5.425 min  
Delta R.T.: 0.024 min  
Response: 166043342  
Conc: 1675.09 ng/ml



#25 Chlordane-3

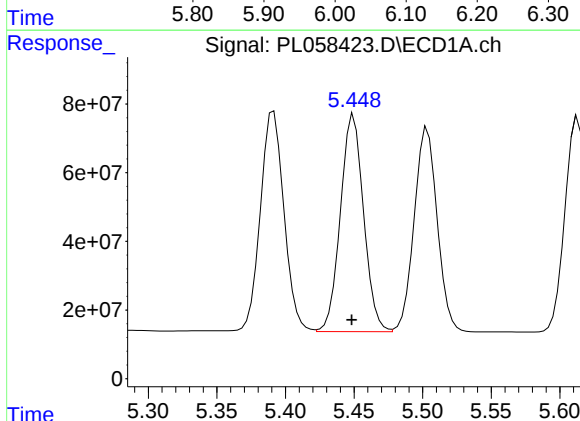
R.T.: 5.391 min  
Delta R.T.: 0.000 min  
Response: 770500295  
Conc: 586.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



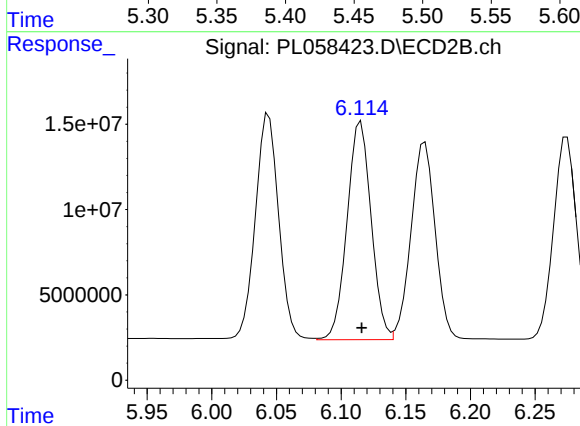
#25 Chlordane-3

R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 168089992  
Conc: 420.27 ng/ml



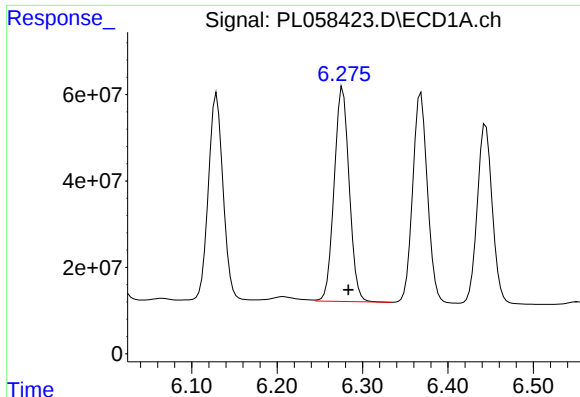
#26 Chlordane-4

R.T.: 5.450 min  
Delta R.T.: 0.001 min  
Response: 744436422  
Conc: 678.23 ng/ml



#26 Chlordane-4

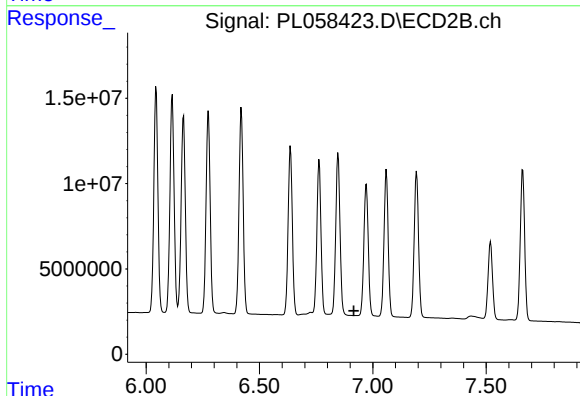
R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 165382723  
Conc: 340.26 ng/ml



#27 Chlordane-5

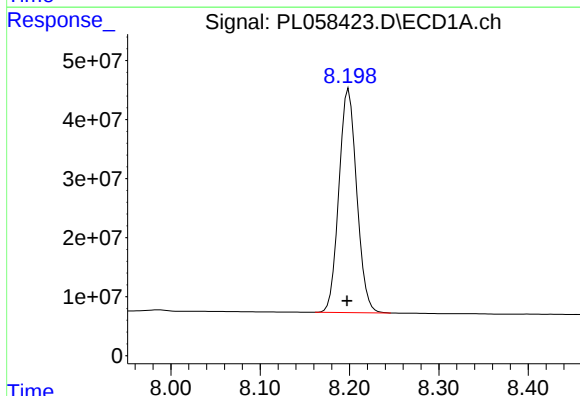
R.T.: 6.277 min  
Delta R.T.: -0.007 min  
Response: 607199211  
Conc: 1492.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



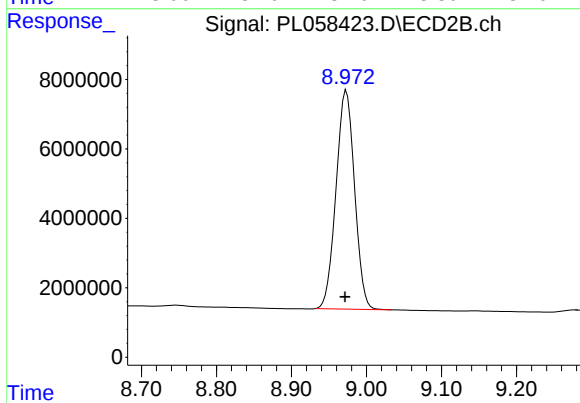
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.916 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.199 min  
Delta R.T.: 0.002 min  
Response: 524850553  
Conc: 48.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: 0.002 min  
Response: 108229986  
Conc: 48.78 ng/ml