

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080720\  
 Data File : PL060576.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Aug 2020 18:53  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 00:08:08 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 30 04:13:43 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... | 3.463 | 4.010  | 83385056 | 138.0E6  | 41.838   | 52.767 #   |
| 28)                         | SA Decachlor... | 8.219 | 9.097  | 69192181 | 93366104 | 45.340   | 51.909     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.900 | 4.399  | 120.2E6  | 197.8E6  | 41.222   | 51.684 #   |
| 3)                          | MA gamma-BHC... | 4.183 | 4.685  | 106.9E6  | 182.1E6  | 42.137   | 50.572     |
| 4)                          | MA Heptachlor   | 4.485 | 5.196  | 98894975 | 167.1E6  | 42.435   | 49.088     |
| 5)                          | MB Aldrin       | 4.733 | 5.501  | 88121316 | 152.7E6  | 44.457   | 49.750     |
| 6)                          | B beta-BHC      | 4.434 | 4.856  | 44710775 | 76095524 | 44.085   | 50.605     |
| 7)                          | B delta-BHC     | 4.638 | 5.073  | 100.9E6  | 152.8E6  | 44.464   | 60.382 #   |
| 8)                          | B Heptachlo...  | 5.176 | 5.889  | 83824744 | 136.0E6  | 44.218   | 56.140 #   |
| 9)                          | A Endosulfan I  | 5.515 | 6.247  | 76478402 | 127.5E6  | 45.737   | 47.138     |
| 10)                         | B gamma-Chl...  | 5.404 | 6.124  | 82190006 | 139.0E6  | 45.363   | 49.166     |
| 11)                         | B alpha-Chl...  | 5.462 | 6.197  | 81958808 | 139.2E6  | 45.481   | 47.667     |
| 12)                         | B 4,4'-DDE      | 5.627 | 6.355  | 75116062 | 125.8E6  | 44.557   | 47.545     |
| 13)                         | MA Dieldrin     | 5.758 | 6.505  | 79706611 | 130.5E6  | 45.034   | 47.579     |
| 14)                         | MA Endrin       | 6.015 | 6.723  | 69105388 | 103.6E6  | 41.457   | 44.235     |
| 15)                         | B Endosulfa...  | 6.288 | 6.932  | 72574222 | 111.8E6  | 42.749   | 46.409     |
| 16)                         | A 4,4'-DDD      | 6.142 | 6.846  | 65393978 | 102.2E6  | 45.259   | 49.057     |
| 17)                         | MA 4,4'-DDT     | 6.383 | 7.145  | 57182895 | 90335687 | 41.861   | 44.667     |
| 18)                         | B Endrin al...  | 6.456 | 7.057  | 62308379 | 96780477 | 43.372   | 48.301     |
| 19)                         | B Endosulfa...  | 6.668 | 7.280  | 70500228 | 106.5E6  | 44.243   | 48.430     |
| 20)                         | A Methoxychlor  | 6.929 | 7.605  | 34403084 | 49713420 | 42.053   | 43.170     |
| 21)                         | B Endrin ke...  | 7.159 | 7.753  | 80608932 | 108.6E6  | 47.812   | 49.296     |
| 22)                         | Mirex           | 7.349 | 8.209  | 61884111 | 79980943 | 45.329   | 51.075     |
| 24)                         | Chlordane-2     | 0.000 | 5.501f | 0        | 152.7E6  | N.D.     | 1500.386 # |
| 25)                         | Chlordane-3     | 5.404 | 6.124  | 82190006 | 139.0E6  | 491.674  | 377.817    |
| 26)                         | Chlordane-4     | 5.462 | 6.197  | 81958808 | 139.2E6  | 595.006  | 304.820 #  |
| 27)                         | Chlordane-5     | 6.288 | 0.000  | 72574222 | 0        | 1282.694 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

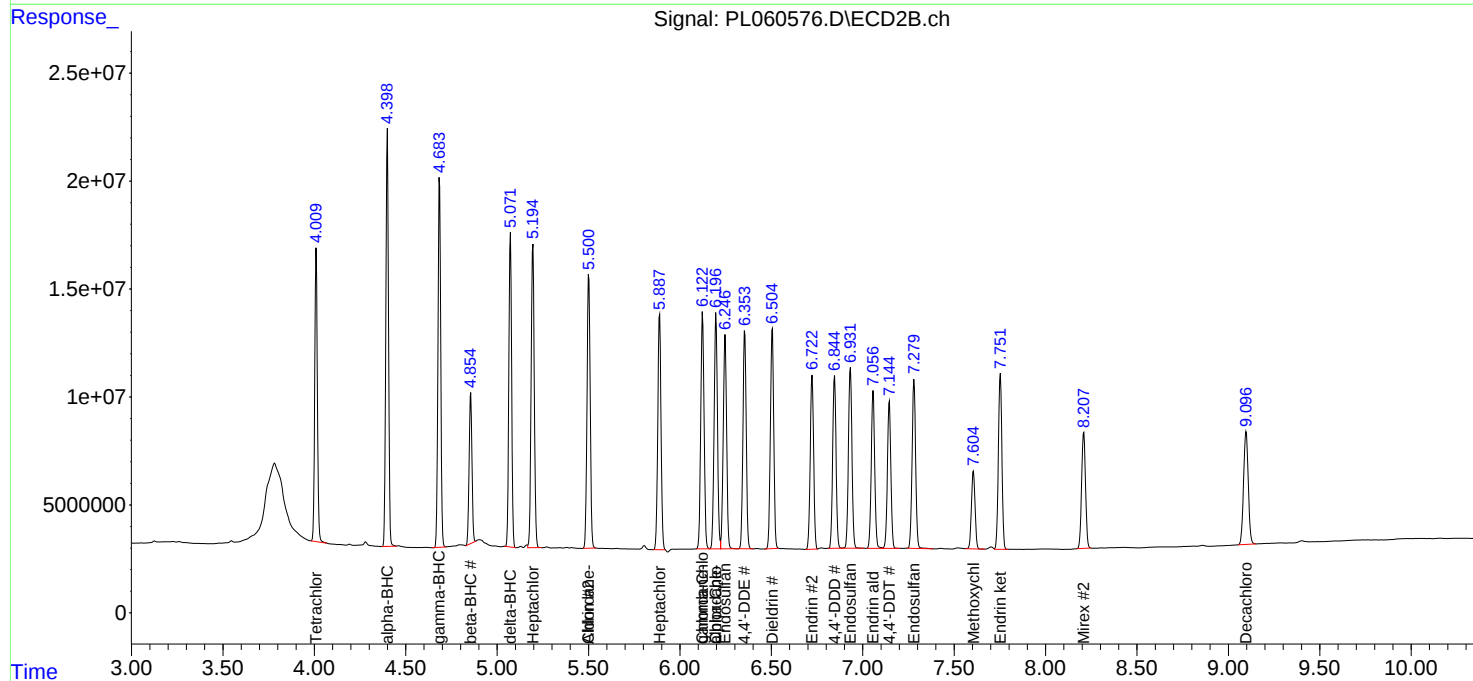
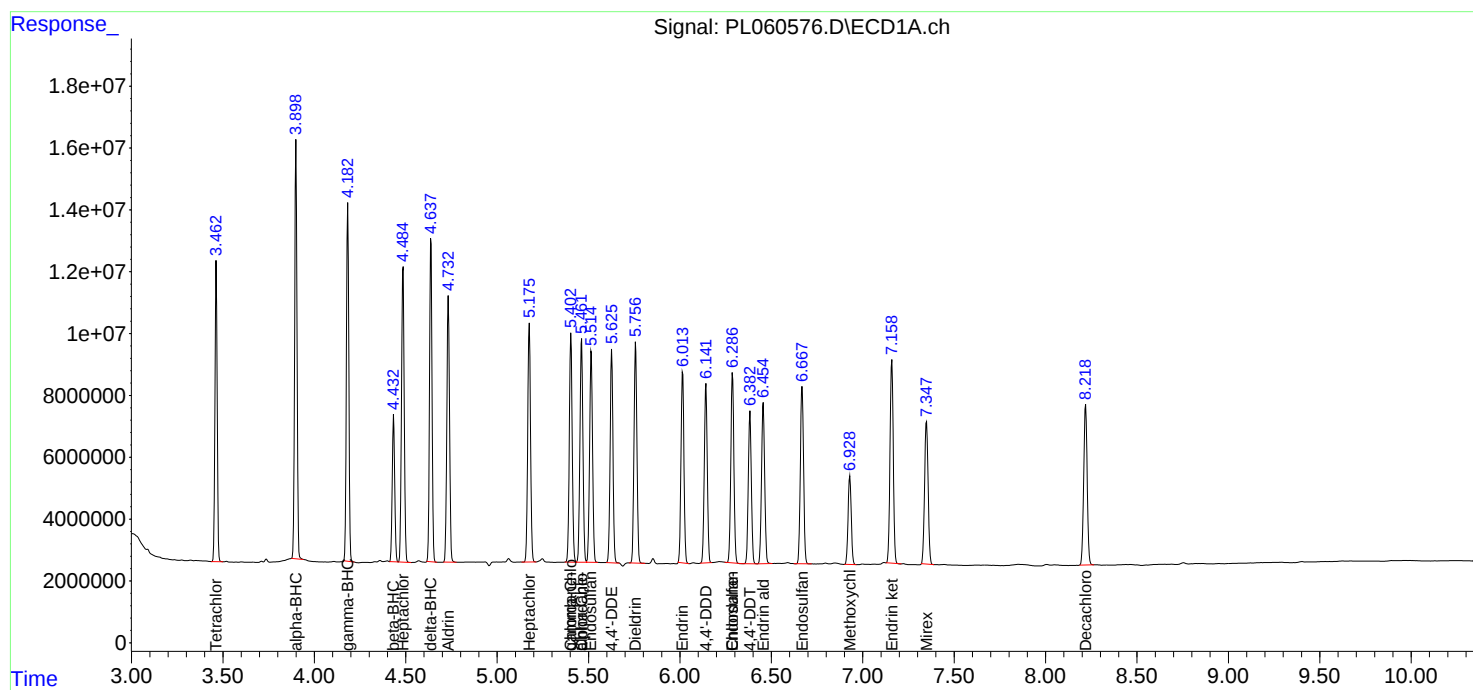
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

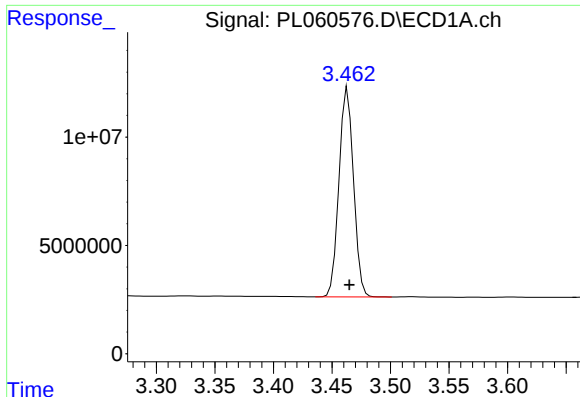
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080720\  
Data File : PL060576.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Aug 2020 18:53  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 00:08:08 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 30 04:13:43 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

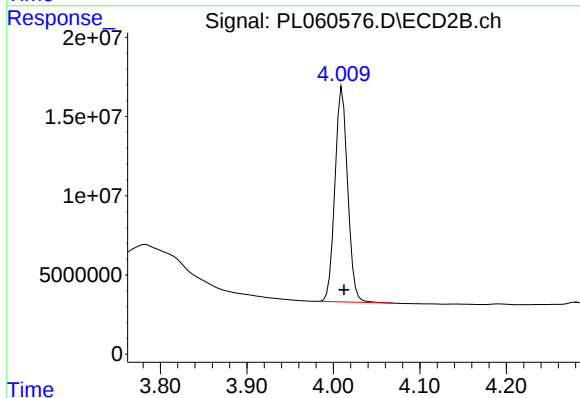




#1 Tetrachloro-m-xylene

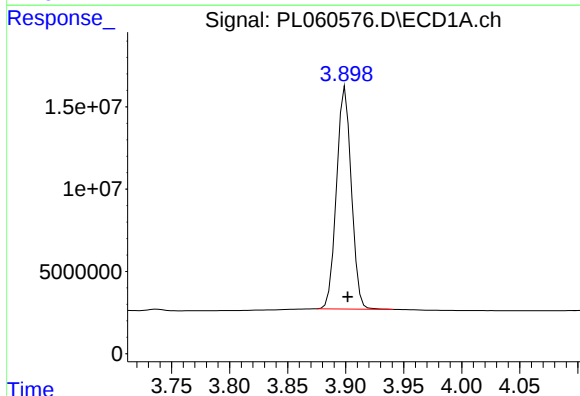
R.T.: 3.463 min  
Delta R.T.: -0.002 min  
Response: 83385056  
Conc: 41.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



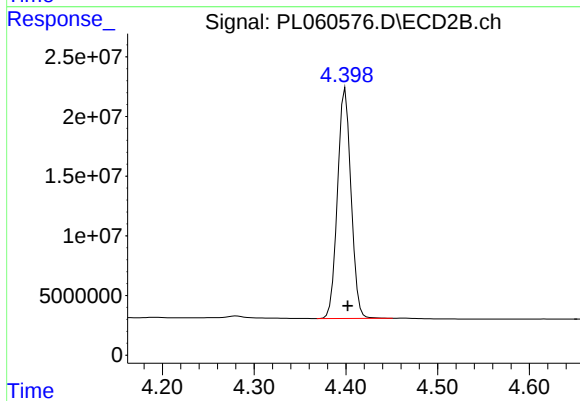
#1 Tetrachloro-m-xylene

R.T.: 4.010 min  
Delta R.T.: -0.002 min  
Response: 138018320  
Conc: 52.77 ng/ml



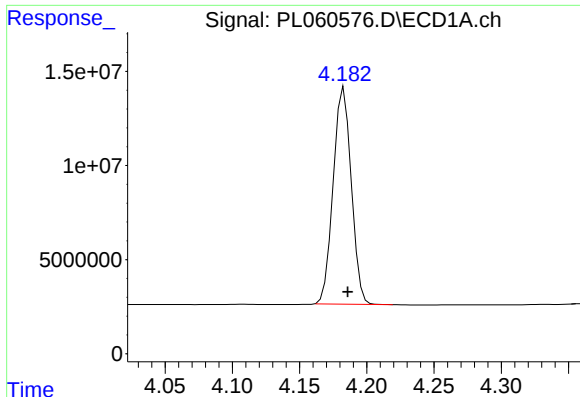
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 120223318  
Conc: 41.22 ng/ml



#2 alpha-BHC

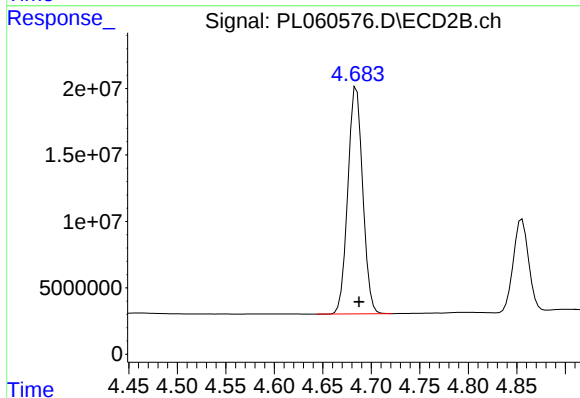
R.T.: 4.399 min  
Delta R.T.: -0.002 min  
Response: 197828702  
Conc: 51.68 ng/ml



#3 gamma-BHC (Lindane)

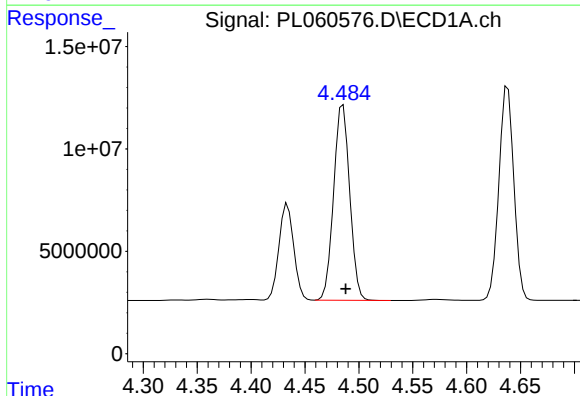
R.T.: 4.183 min  
Delta R.T.: -0.003 min  
Response: 106938807  
Conc: 42.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



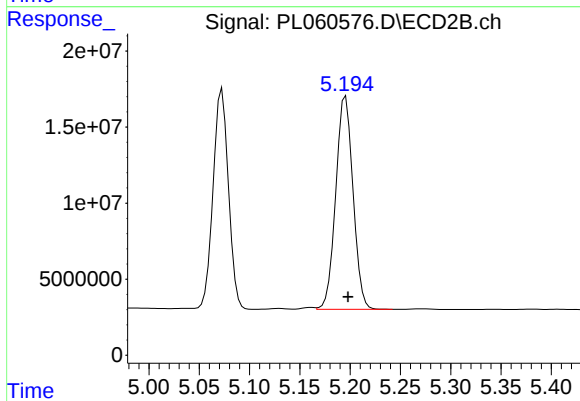
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: -0.003 min  
Response: 182124478  
Conc: 50.57 ng/ml



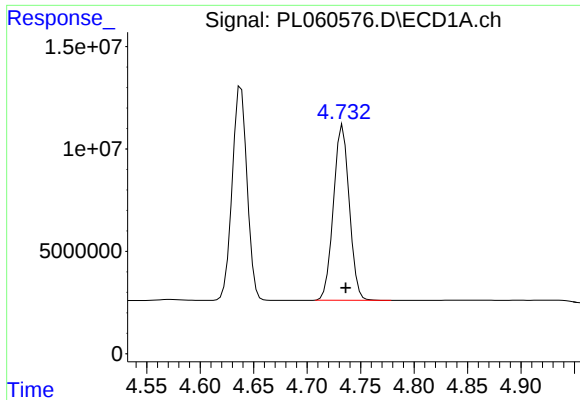
#4 Heptachlor

R.T.: 4.485 min  
Delta R.T.: -0.003 min  
Response: 98894975  
Conc: 42.44 ng/ml



#4 Heptachlor

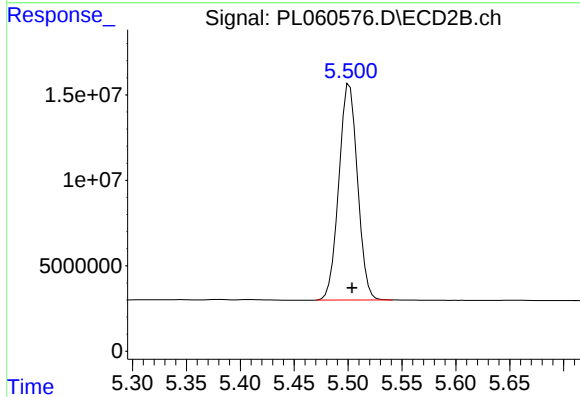
R.T.: 5.196 min  
Delta R.T.: -0.002 min  
Response: 167077531  
Conc: 49.09 ng/ml



#5 Aldrin

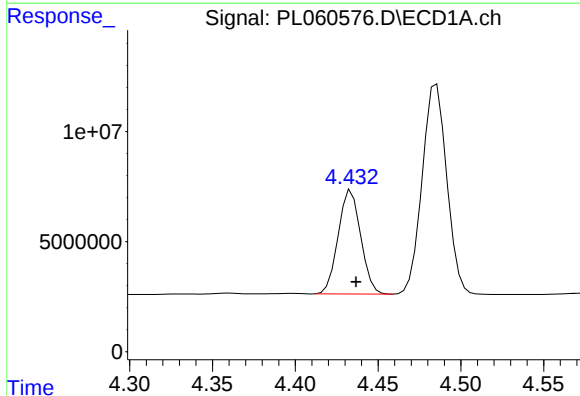
R.T.: 4.733 min  
Delta R.T.: -0.003 min  
Response: 88121316  
Conc: 44.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



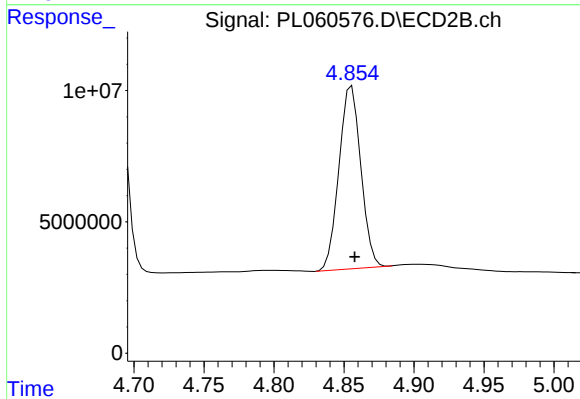
#5 Aldrin

R.T.: 5.501 min  
Delta R.T.: -0.002 min  
Response: 152674596  
Conc: 49.75 ng/ml



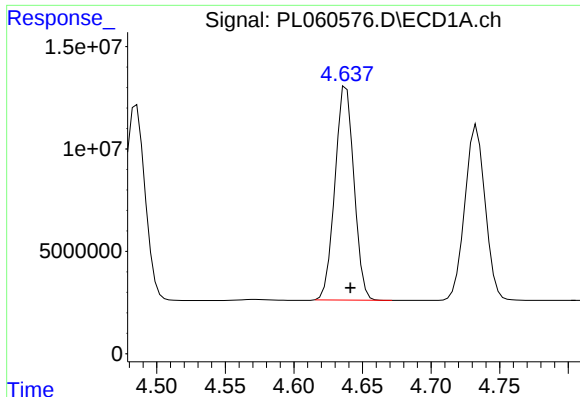
#6 beta-BHC

R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 44710775  
Conc: 44.09 ng/ml



#6 beta-BHC

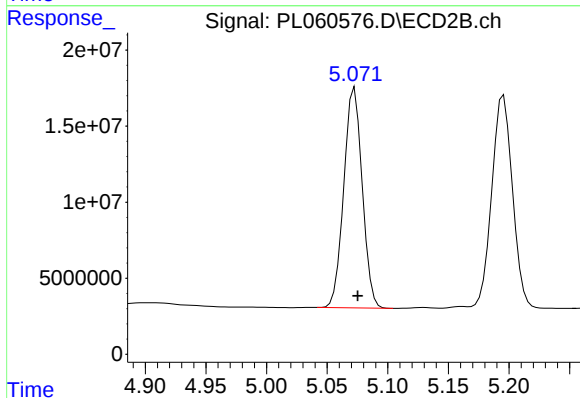
R.T.: 4.856 min  
Delta R.T.: -0.002 min  
Response: 76095524  
Conc: 50.60 ng/ml



#7 delta-BHC

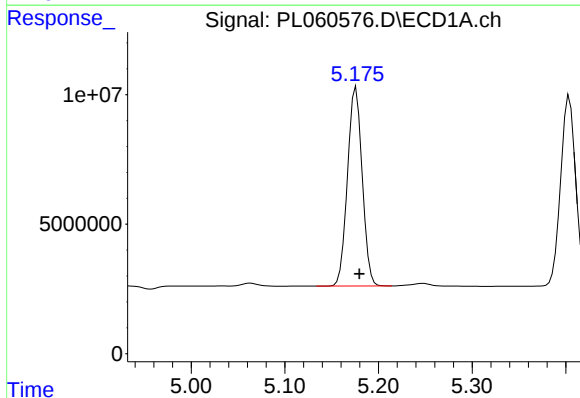
R.T.: 4.638 min  
Delta R.T.: -0.003 min  
Response: 100860682  
Conc: 44.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



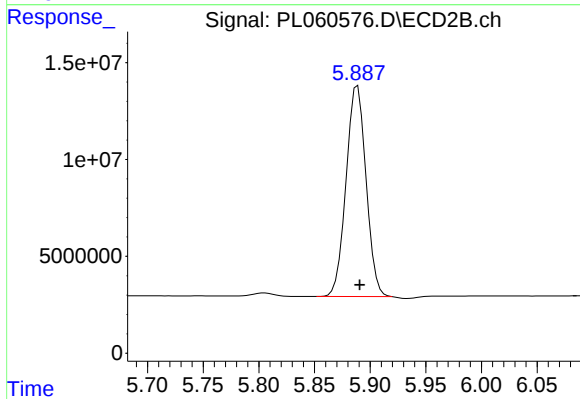
#7 delta-BHC

R.T.: 5.073 min  
Delta R.T.: -0.003 min  
Response: 152843050  
Conc: 60.38 ng/ml



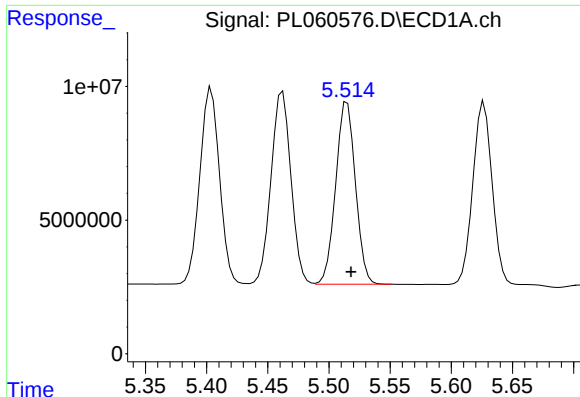
#8 Heptachlor epoxide

R.T.: 5.176 min  
Delta R.T.: -0.003 min  
Response: 83824744  
Conc: 44.22 ng/ml



#8 Heptachlor epoxide

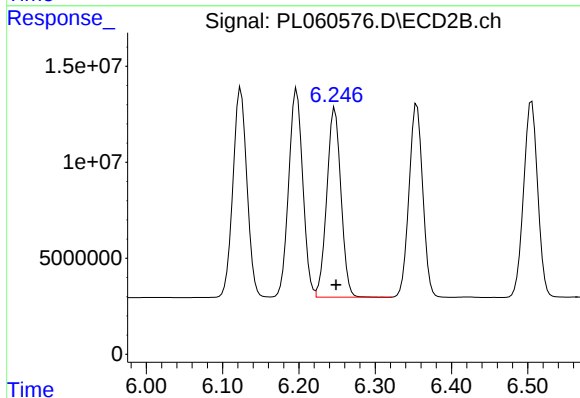
R.T.: 5.889 min  
Delta R.T.: -0.002 min  
Response: 136031215  
Conc: 56.14 ng/ml



#9 Endosulfan I

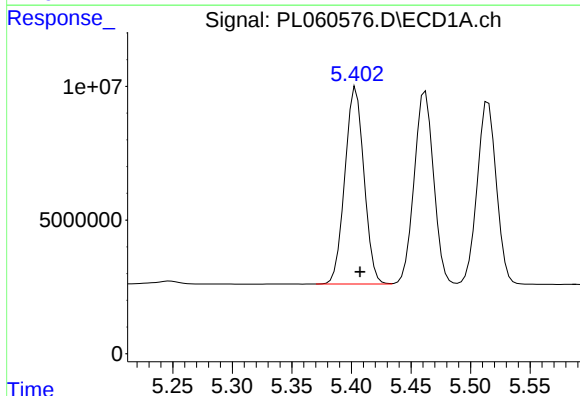
R.T.: 5.515 min  
Delta R.T.: -0.003 min  
Response: 76478402  
Conc: 45.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



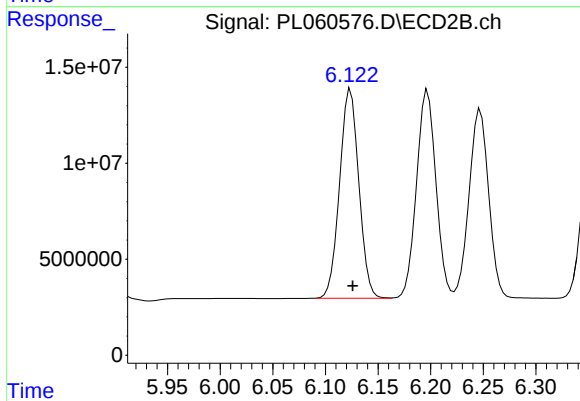
#9 Endosulfan I

R.T.: 6.247 min  
Delta R.T.: -0.001 min  
Response: 127463633  
Conc: 47.14 ng/ml



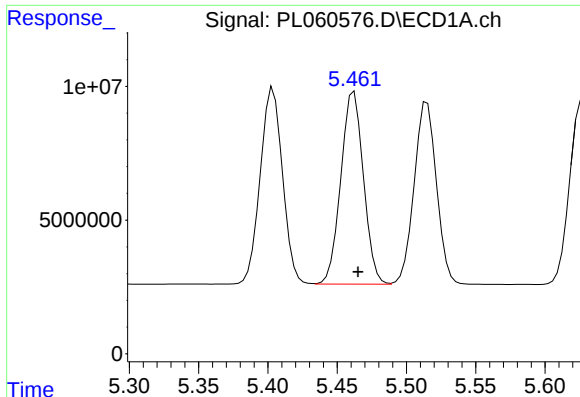
#10 gamma-Chlordane

R.T.: 5.404 min  
Delta R.T.: -0.003 min  
Response: 82190006  
Conc: 45.36 ng/ml



#10 gamma-Chlordane

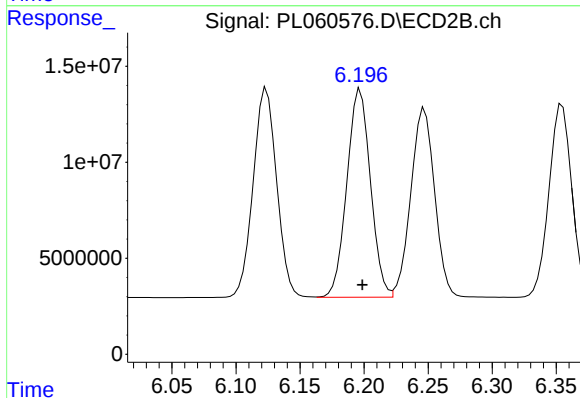
R.T.: 6.124 min  
Delta R.T.: -0.002 min  
Response: 139020070  
Conc: 49.17 ng/ml



#11 alpha-Chlordane

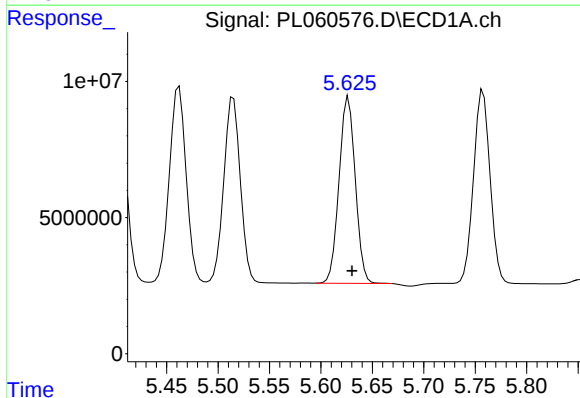
R.T.: 5.462 min  
Delta R.T.: -0.003 min  
Response: 81958808  
Conc: 45.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



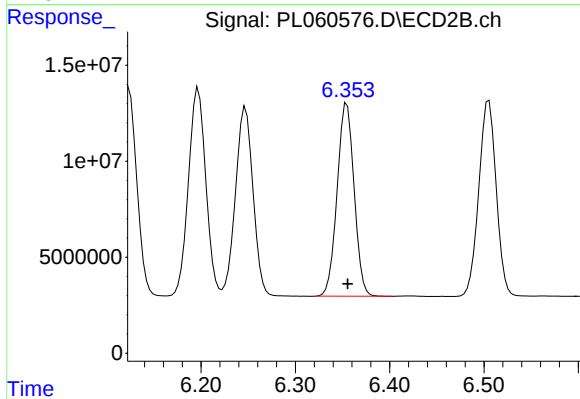
#11 alpha-Chlordane

R.T.: 6.197 min  
Delta R.T.: -0.002 min  
Response: 139158703  
Conc: 47.67 ng/ml



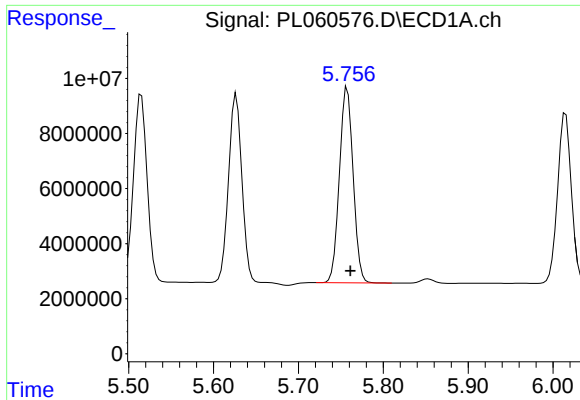
#12 4,4'-DDE

R.T.: 5.627 min  
Delta R.T.: -0.004 min  
Response: 75116062  
Conc: 44.56 ng/ml



#12 4,4'-DDE

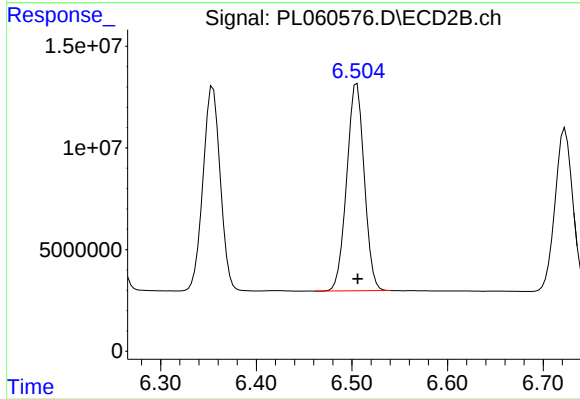
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 125757767  
Conc: 47.55 ng/ml



#13 Dieldrin

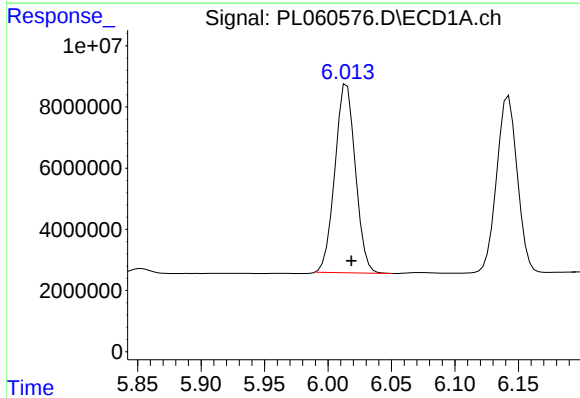
R.T.: 5.758 min  
Delta R.T.: -0.004 min  
Response: 79706611  
Conc: 45.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



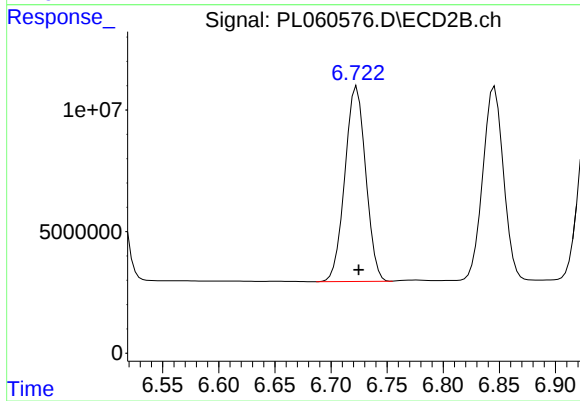
#13 Dieldrin

R.T.: 6.505 min  
Delta R.T.: 0.000 min  
Response: 130463964  
Conc: 47.58 ng/ml



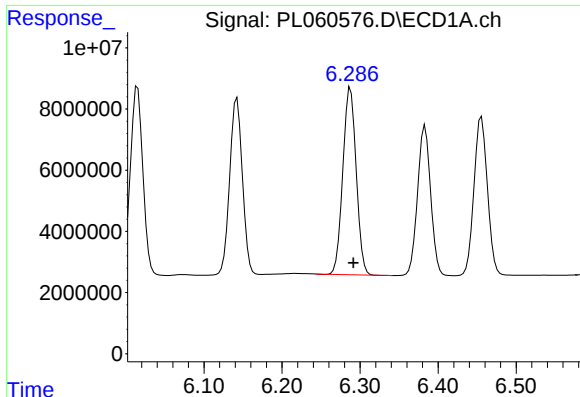
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: -0.004 min  
Response: 69105388  
Conc: 41.46 ng/ml



#14 Endrin

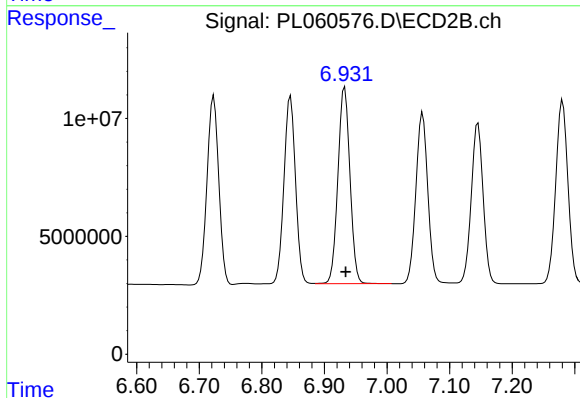
R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 103600333  
Conc: 44.23 ng/ml



#15 Endosulfan II

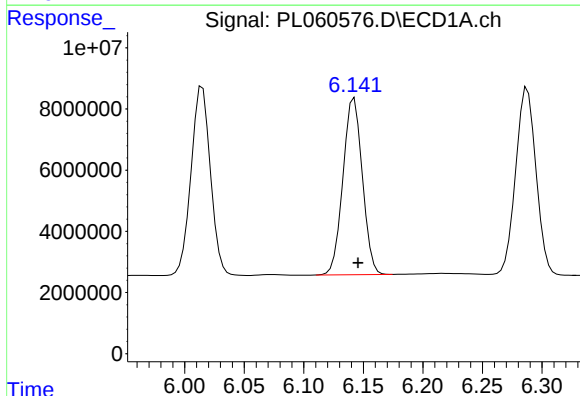
R.T.: 6.288 min  
Delta R.T.: -0.003 min  
Response: 72574222  
Conc: 42.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



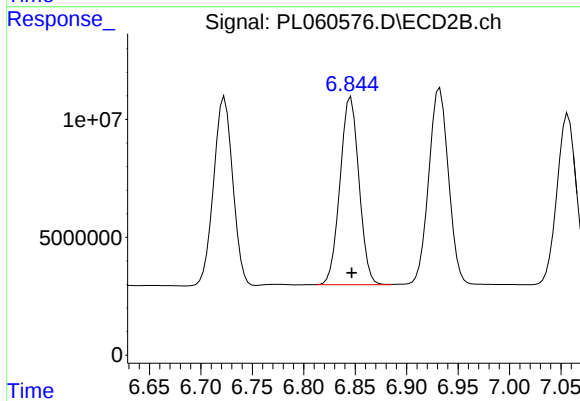
#15 Endosulfan II

R.T.: 6.932 min  
Delta R.T.: -0.002 min  
Response: 111784550  
Conc: 46.41 ng/ml



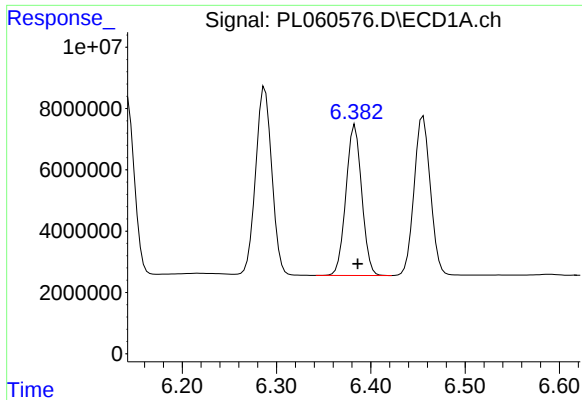
#16 4,4'-DDD

R.T.: 6.142 min  
Delta R.T.: -0.003 min  
Response: 65393978  
Conc: 45.26 ng/ml



#16 4,4'-DDD

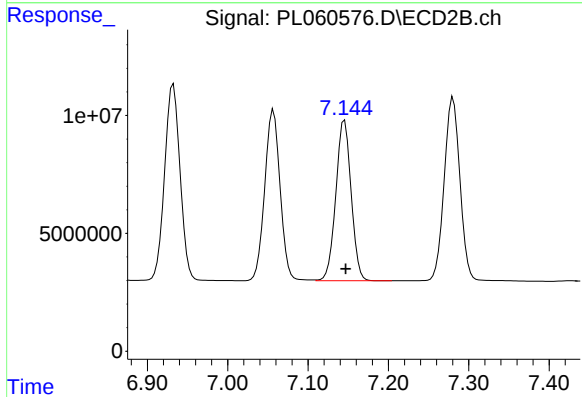
R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 102196337  
Conc: 49.06 ng/ml



#17 4,4'-DDT

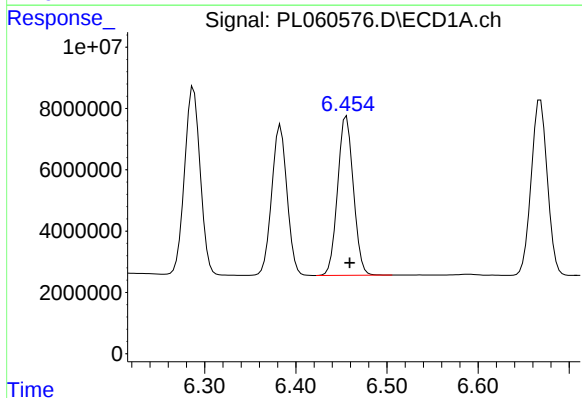
R.T.: 6.383 min  
Delta R.T.: -0.003 min  
Response: 57182895  
Conc: 41.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



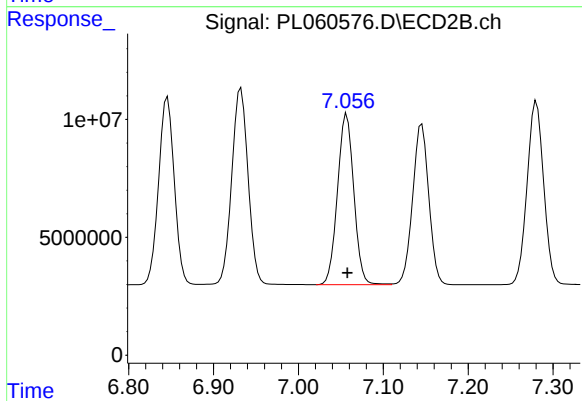
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: -0.001 min  
Response: 90335687  
Conc: 44.67 ng/ml



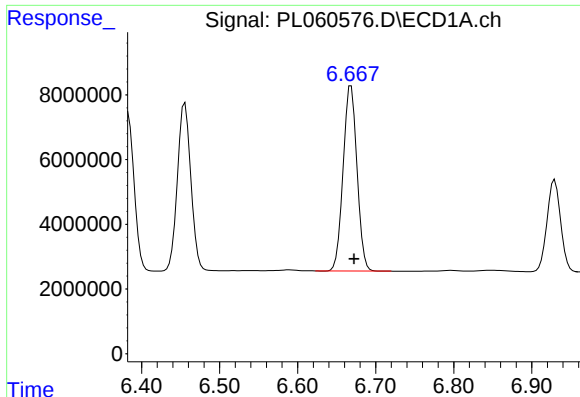
#18 Endrin aldehyde

R.T.: 6.456 min  
Delta R.T.: -0.004 min  
Response: 62308379  
Conc: 43.37 ng/ml



#18 Endrin aldehyde

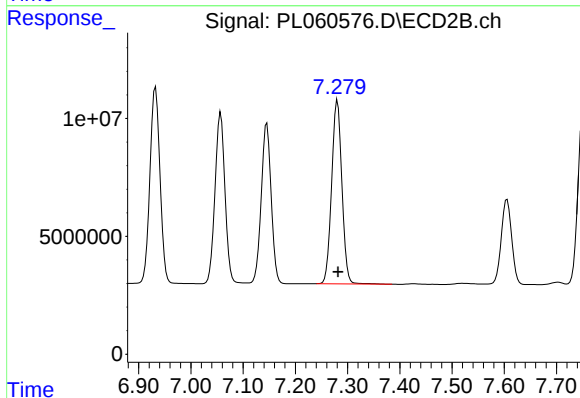
R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 96780477  
Conc: 48.30 ng/ml



#19 Endosulfan Sulfate

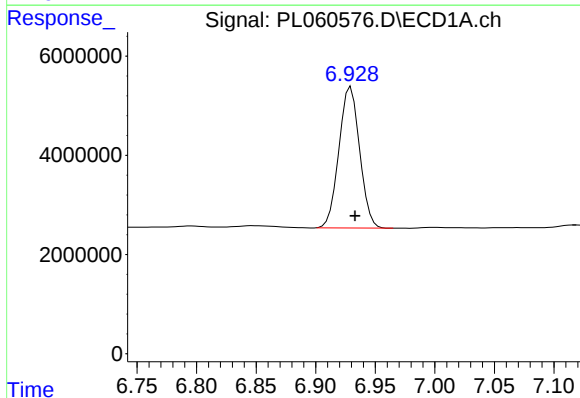
R.T.: 6.668 min  
Delta R.T.: -0.004 min  
Response: 70500228  
Conc: 44.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



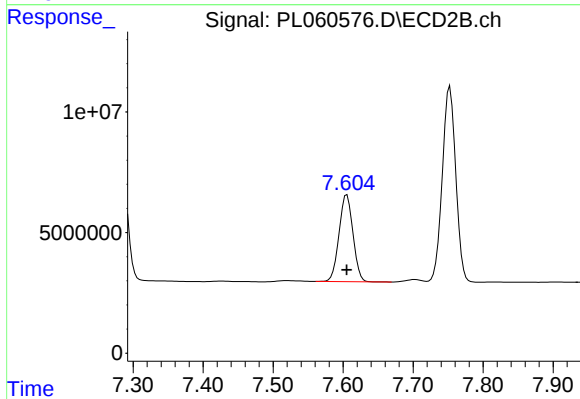
#19 Endosulfan Sulfate

R.T.: 7.280 min  
Delta R.T.: -0.001 min  
Response: 106470996  
Conc: 48.43 ng/ml



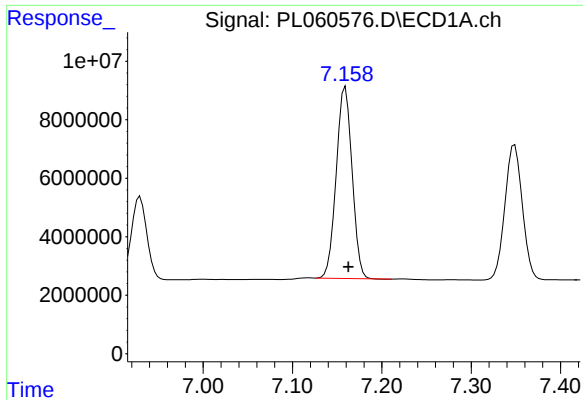
#20 Methoxychlor

R.T.: 6.929 min  
Delta R.T.: -0.004 min  
Response: 34403084  
Conc: 42.05 ng/ml



#20 Methoxychlor

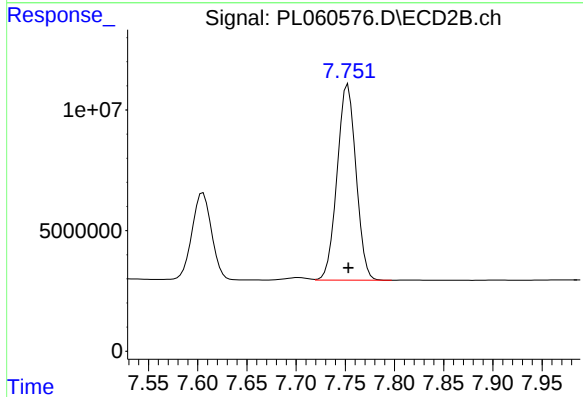
R.T.: 7.605 min  
Delta R.T.: 0.000 min  
Response: 49713420  
Conc: 43.17 ng/ml



#21 Endrin ketone

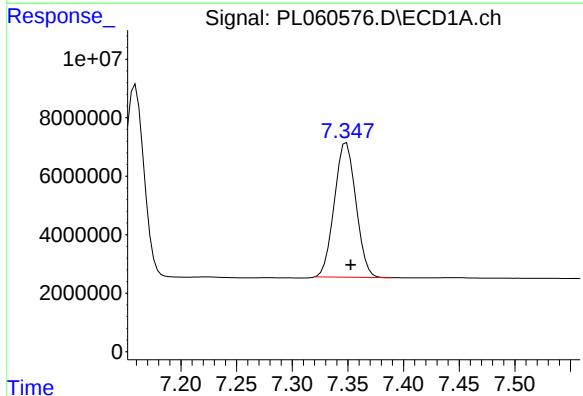
R.T.: 7.159 min  
Delta R.T.: -0.003 min  
Response: 80608932  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



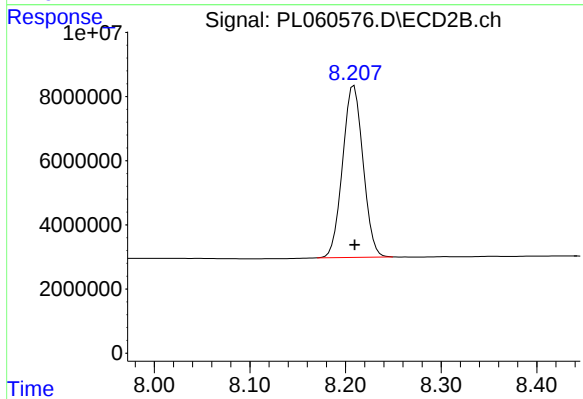
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: 0.000 min  
Response: 108638390  
Conc: 49.30 ng/ml



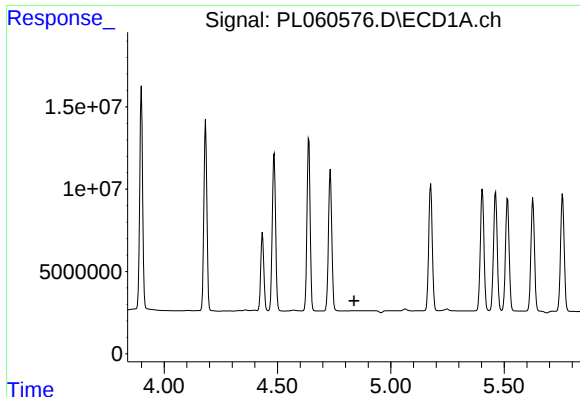
#22 Mirex

R.T.: 7.349 min  
Delta R.T.: -0.004 min  
Response: 61884111  
Conc: 45.33 ng/ml



#22 Mirex

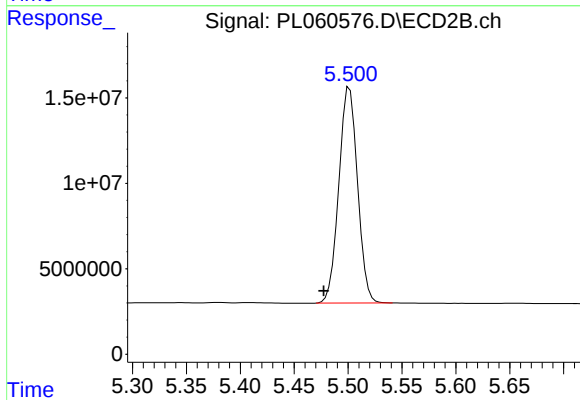
R.T.: 8.209 min  
Delta R.T.: 0.000 min  
Response: 79980943  
Conc: 51.07 ng/ml



#24 Chlordane-2

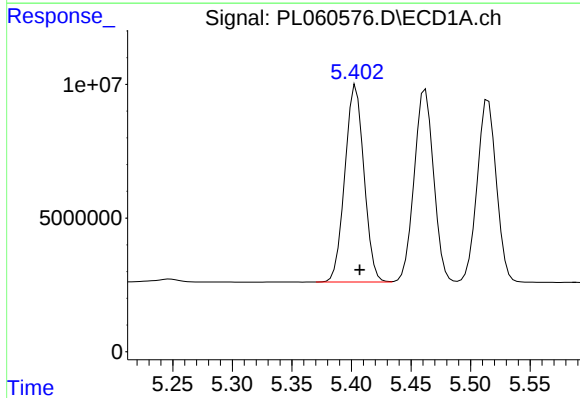
R.T.: 0.000 min  
Exp R.T.: 4.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



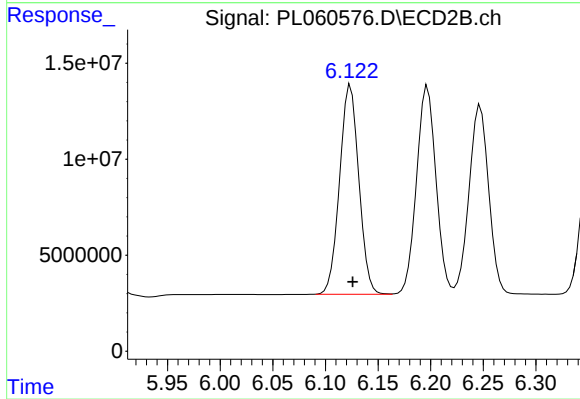
#24 Chlordane-2

R.T.: 5.501 min  
Delta R.T.: 0.024 min  
Response: 152674596  
Conc: 1500.39 ng/ml



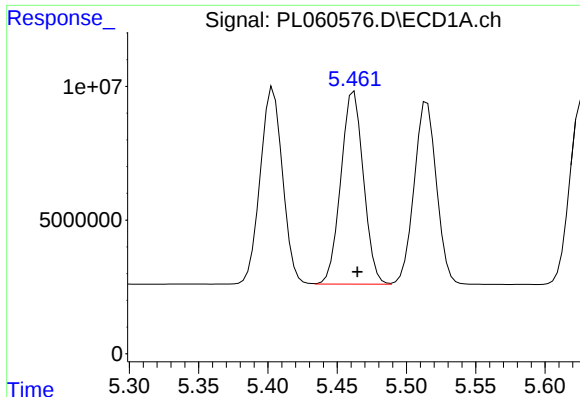
#25 Chlordane-3

R.T.: 5.404 min  
Delta R.T.: -0.003 min  
Response: 82190006  
Conc: 491.67 ng/ml



#25 Chlordane-3

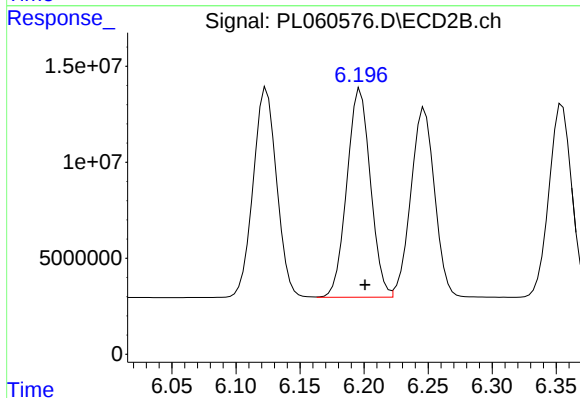
R.T.: 6.124 min  
Delta R.T.: -0.002 min  
Response: 139020070  
Conc: 377.82 ng/ml



#26 Chlordane-4

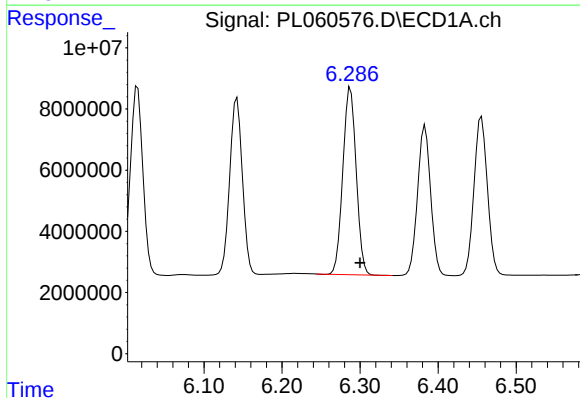
R.T.: 5.462 min  
Delta R.T.: -0.002 min  
Response: 81958808  
Conc: 595.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



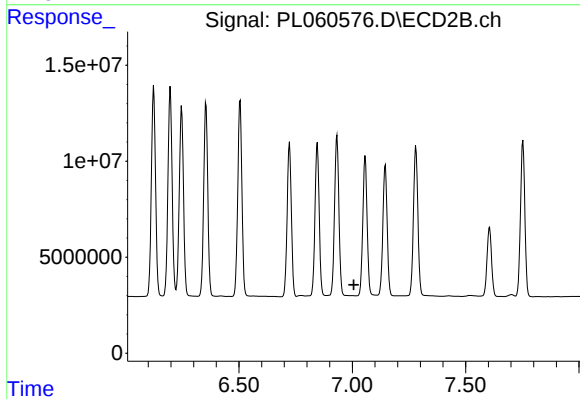
#26 Chlordane-4

R.T.: 6.197 min  
Delta R.T.: -0.004 min  
Response: 139158703  
Conc: 304.82 ng/ml



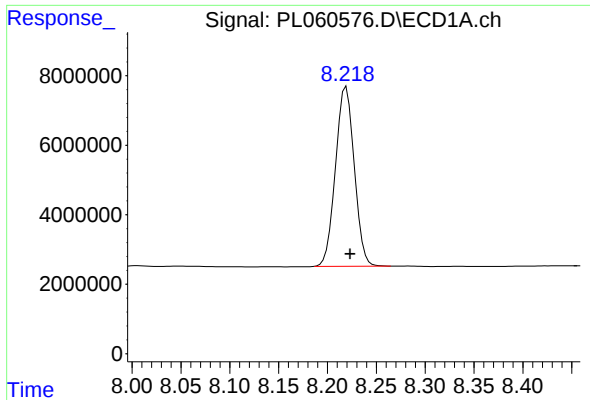
#27 Chlordane-5

R.T.: 6.288 min  
Delta R.T.: -0.012 min  
Response: 72574222  
Conc: 1282.69 ng/ml



#27 Chlordane-5

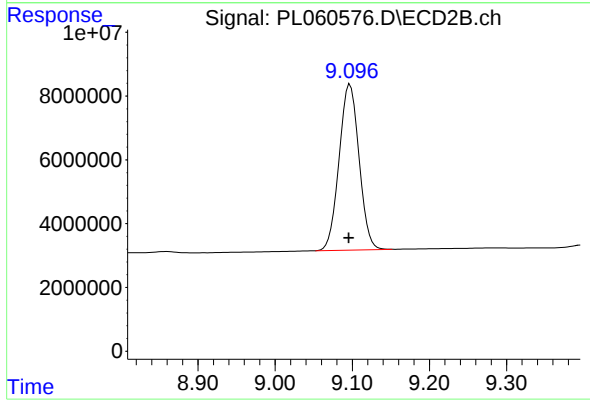
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.219 min  
Delta R.T.: -0.004 min  
Response: 69192181  
Conc: 45.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: 0.002 min  
Response: 93366104  
Conc: 51.91 ng/ml