

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071320\  
 Data File : PL059854.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jul 2020 15:50  
 Operator : DD\AJ  
 Sample : L3184-06MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 13 17:07:20 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 | 4.011  | 34220741 | 46720352 | 17.692   | 17.629     |
| 28)                         | SA Decachlor... | 8.229 | 9.101  | 28363474 | 37269944 | 17.241   | 17.821     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.902 | 4.401  | 147.4E6  | 202.5E6  | 51.280   | 52.457     |
| 3)                          | MA gamma-BHC... | 4.186 | 4.687  | 125.0E6  | 184.5E6  | 50.596   | 50.871     |
| 4)                          | MA Heptachlor   | 4.489 | 5.198  | 111.0E6  | 169.0E6  | 49.493   | 50.249     |
| 5)                          | MB Aldrin       | 4.738 | 5.504  | 95810423 | 153.8E6  | 48.555   | 49.370     |
| 6)                          | B beta-BHC      | 4.436 | 4.856  | 53816744 | 82788301 | 52.697   | 54.760     |
| 7)                          | B delta-BHC     | 4.641 | 5.074  | 117.0E6  | 168.3E6  | 52.631   | 54.022     |
| 8)                          | B Heptachlo...  | 5.181 | 5.892  | 92142577 | 143.8E6  | 50.200   | 53.402     |
| 9)                          | A Endosulfan I  | 5.520 | 6.249  | 86144490 | 138.9E6  | 51.207   | 52.090     |
| 10)                         | B gamma-Chl...  | 5.409 | 6.127  | 91287281 | 149.0E6  | 50.320   | 52.034     |
| 11)                         | B alpha-Chl...  | 5.467 | 6.199  | 89161876 | 145.7E6  | 49.444   | 50.967     |
| 12)                         | B 4,4'-DDE      | 5.633 | 6.357  | 83330374 | 137.5E6  | 50.038   | 51.387     |
| 13)                         | MA Dieldrin     | 5.763 | 6.507  | 91424746 | 145.3E6  | 51.812   | 52.509     |
| 14)                         | MA Endrin       | 6.020 | 6.726  | 79626308 | 121.2E6  | 54.705   | 56.955     |
| 15)                         | B Endosulfa...  | 6.294 | 6.935  | 81248060 | 124.5E6  | 48.647   | 49.559     |
| 16)                         | A 4,4'-DDD      | 6.149 | 6.848  | 73954851 | 118.2E6  | 48.446   | 51.513     |
| 17)                         | MA 4,4'-DDT     | 6.390 | 7.148  | 66272827 | 103.0E6  | 50.972   | 52.321     |
| 18)                         | B Endrin al...  | 6.463 | 7.059  | 69654866 | 108.7E6  | 48.827   | 50.032     |
| 19)                         | B Endosulfa...  | 6.676 | 7.283  | 84003646 | 127.1E6  | 51.103   | 54.337     |
| 20)                         | A Methoxychlor  | 6.938 | 7.608  | 38051596 | 57689338 | 50.872   | 50.817     |
| 21)                         | B Endrin ke...  | 7.166 | 7.755  | 96296695 | 136.2E6  | 51.310   | 52.731     |
| 22)                         | Mirex           | 7.357 | 8.212  | 65971924 | 89596980 | 46.372   | 48.477     |
| 24)                         | Chlordane-2     | 0.000 | 5.504f | 0        | 153.8E6  | N.D.     | 1342.112 # |
| 25)                         | Chlordane-3     | 5.409 | 6.127  | 91287281 | 149.0E6  | 539.793  | 385.108 #  |
| 26)                         | Chlordane-4     | 5.467 | 6.199  | 89161876 | 145.7E6  | 639.064  | 314.814 #  |
| 27)                         | Chlordane-5     | 6.294 | 0.000  | 81248060 | 0        | 1431.924 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

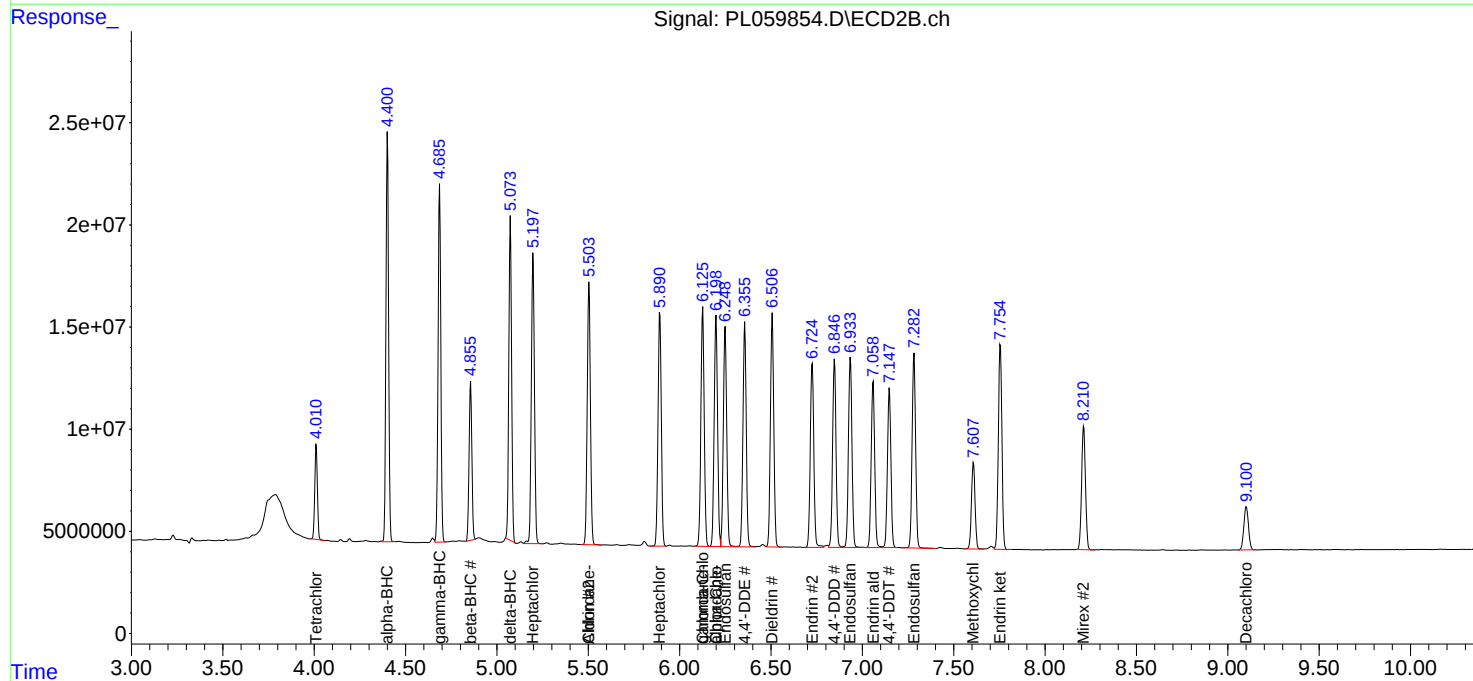
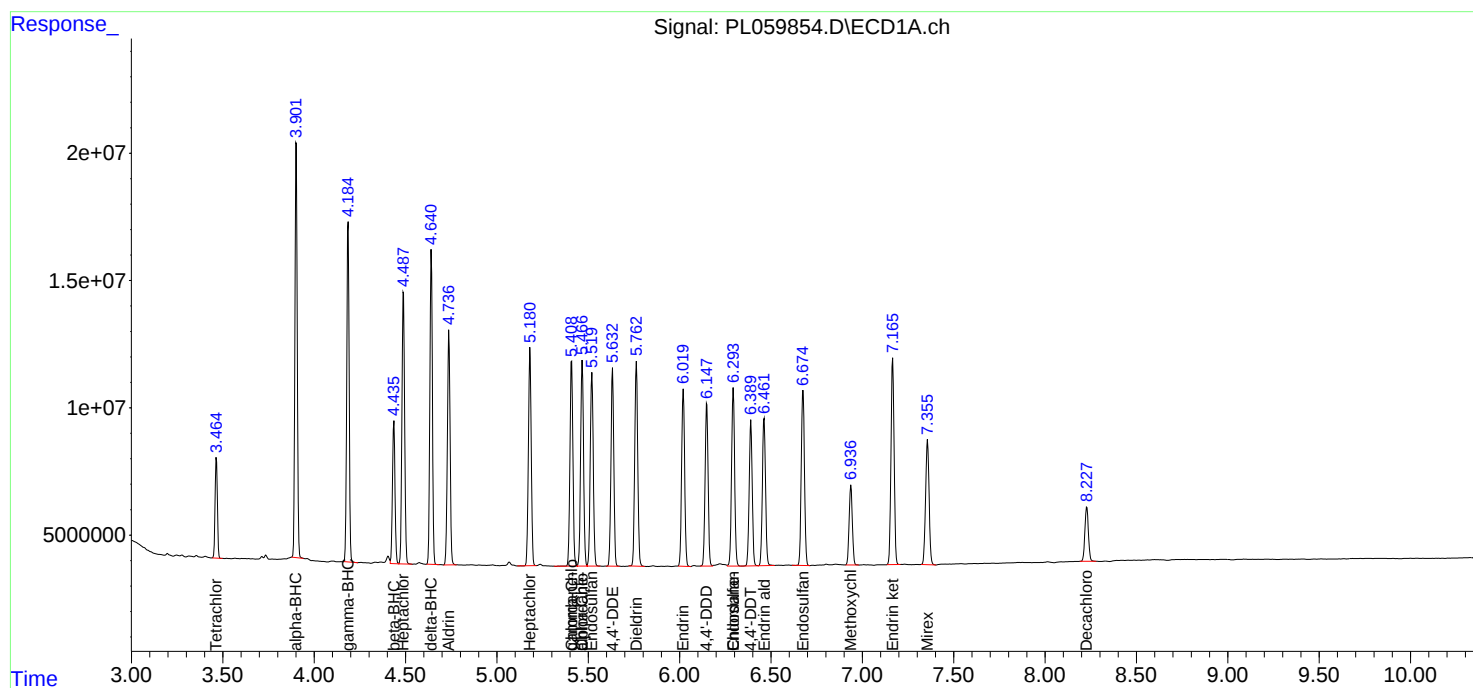
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

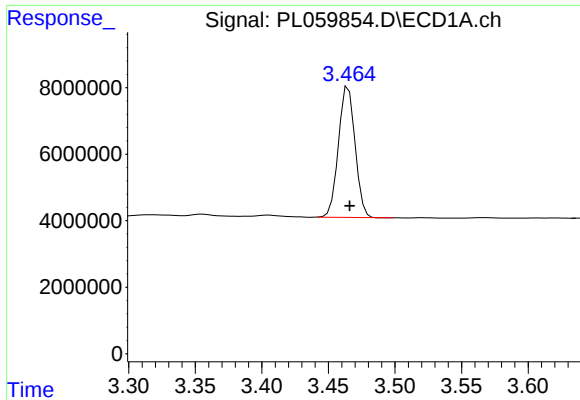
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071320\  
Data File : PL059854.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jul 2020 15:50  
Operator : DD\AJ  
Sample : L3184-06MSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 17:07:20 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

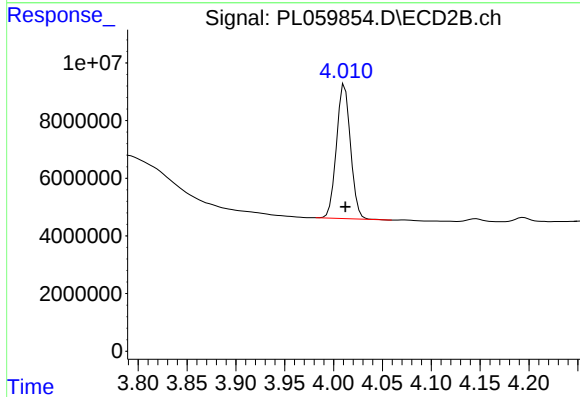




#1 Tetrachloro-m-xylene

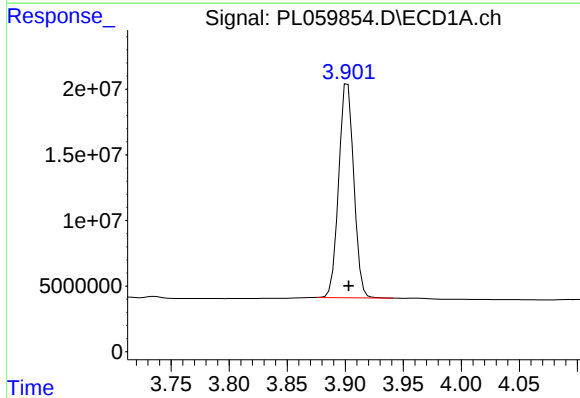
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 34220741  
Conc: 17.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



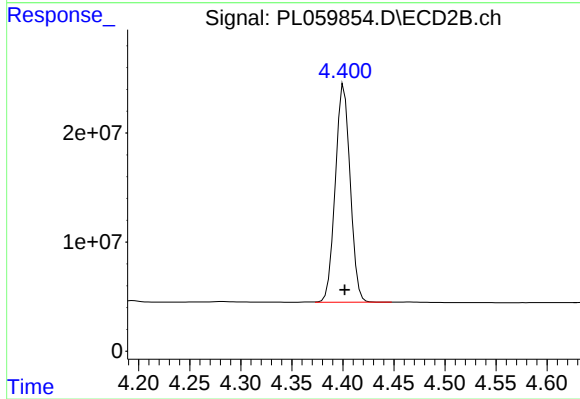
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: -0.001 min  
Response: 46720352  
Conc: 17.63 ng/ml



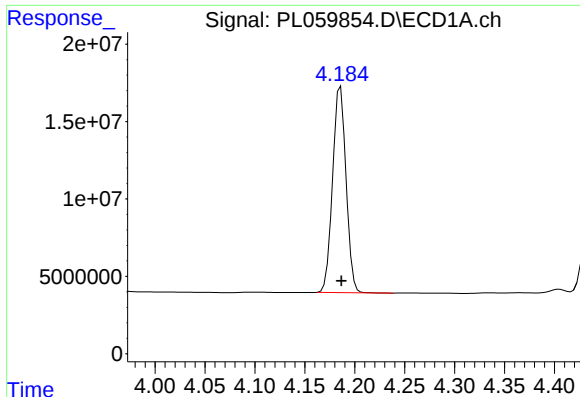
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 147395314  
Conc: 51.28 ng/ml



#2 alpha-BHC

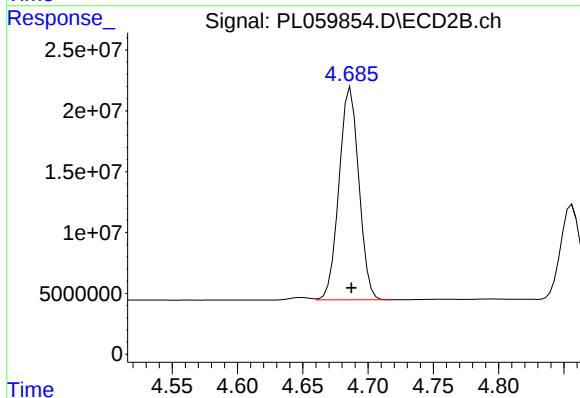
R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 202514005  
Conc: 52.46 ng/ml



#3 gamma-BHC (Lindane)

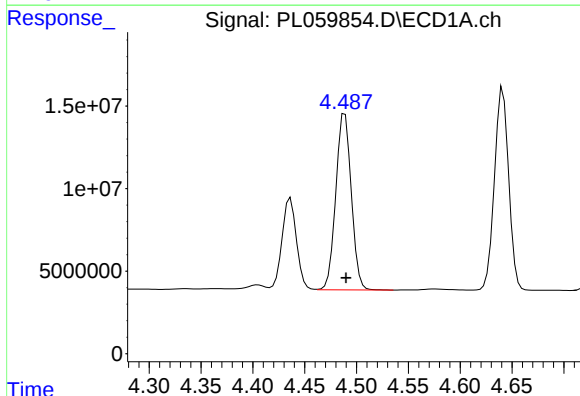
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 124954009  
Conc: 50.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



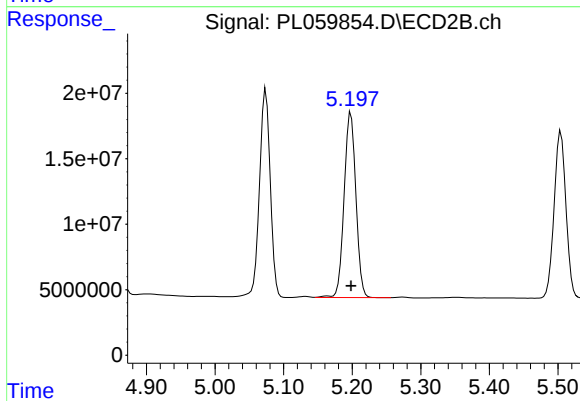
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 184505485  
Conc: 50.87 ng/ml



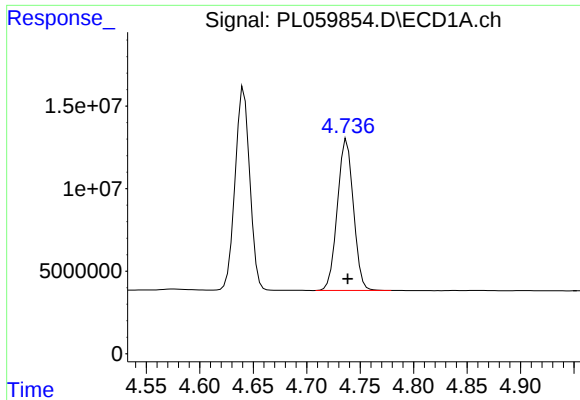
#4 Heptachlor

R.T.: 4.489 min  
Delta R.T.: -0.001 min  
Response: 110998465  
Conc: 49.49 ng/ml



#4 Heptachlor

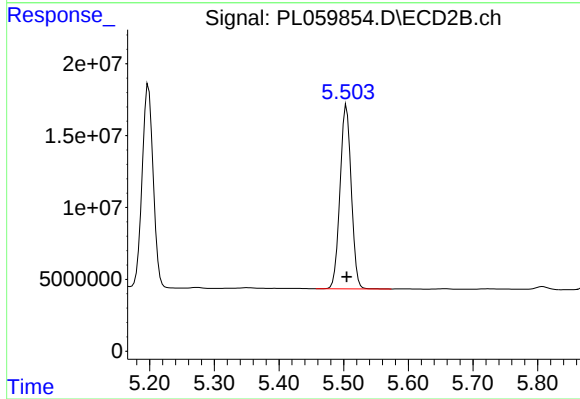
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 169044293  
Conc: 50.25 ng/ml



#5 Aldrin

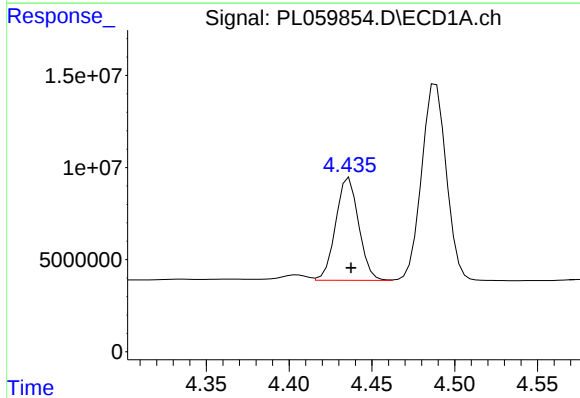
R.T.: 4.738 min  
Delta R.T.: 0.000 min  
Response: 95810423  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



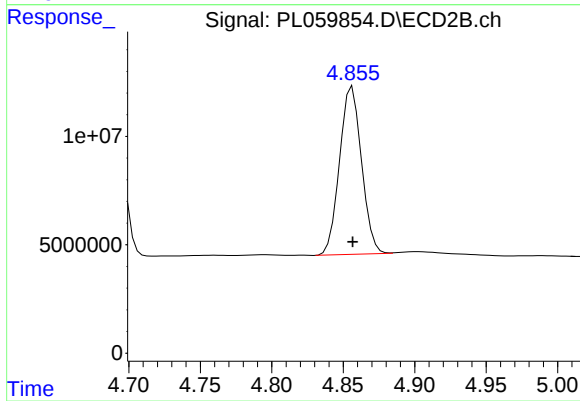
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 153772736  
Conc: 49.37 ng/ml



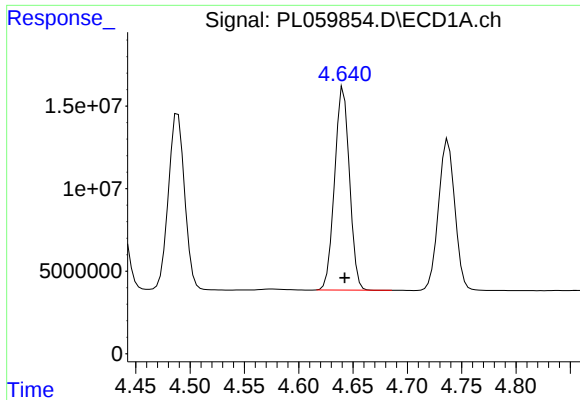
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: -0.001 min  
Response: 53816744  
Conc: 52.70 ng/ml



#6 beta-BHC

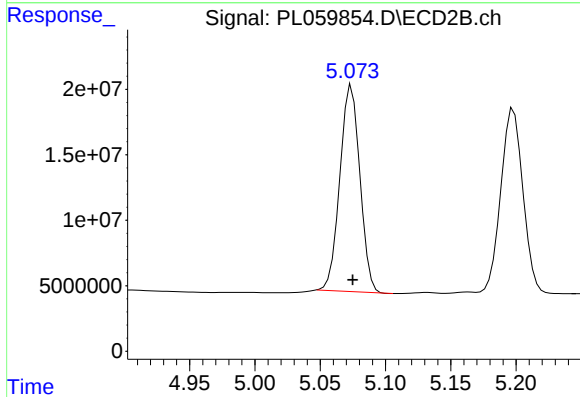
R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 82788301  
Conc: 54.76 ng/ml



#7 delta-BHC

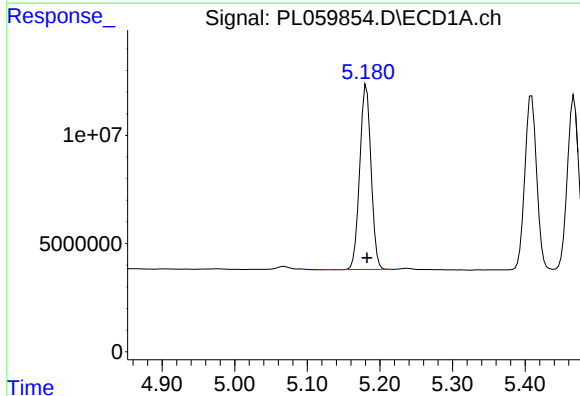
R.T.: 4.641 min  
Delta R.T.: -0.001 min  
Response: 117001046  
Conc: 52.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



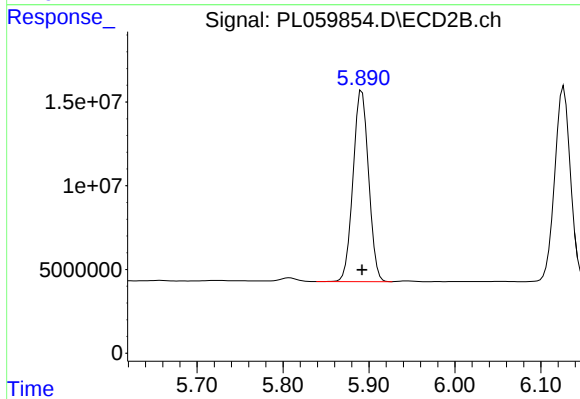
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 168315052  
Conc: 54.02 ng/ml



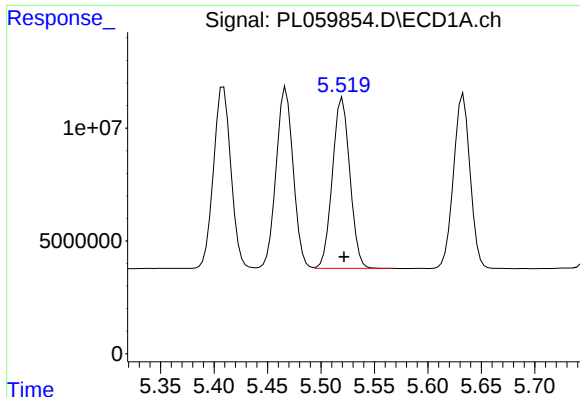
#8 Heptachlor epoxide

R.T.: 5.181 min  
Delta R.T.: -0.001 min  
Response: 92142577  
Conc: 50.20 ng/ml



#8 Heptachlor epoxide

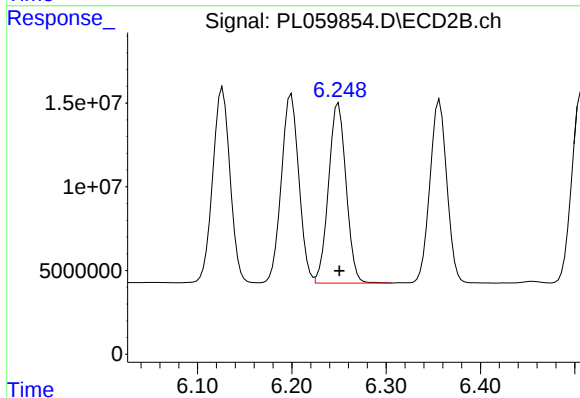
R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 143824245  
Conc: 53.40 ng/ml



#9 Endosulfan I

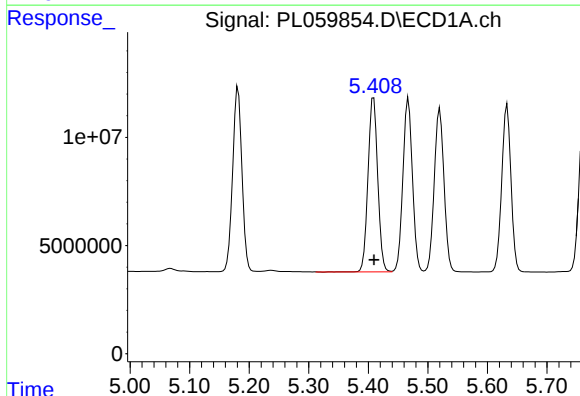
R.T.: 5.520 min  
Delta R.T.: -0.001 min  
Response: 86144490  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



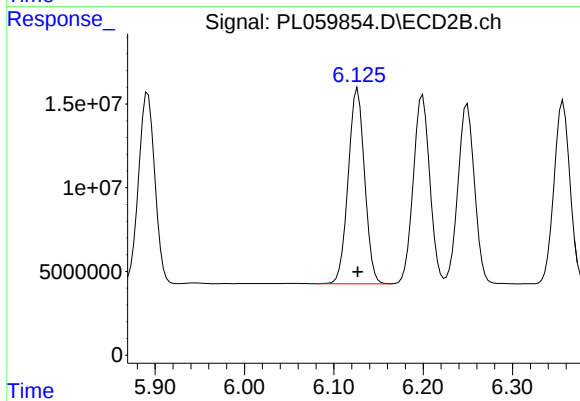
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 138939760  
Conc: 52.09 ng/ml



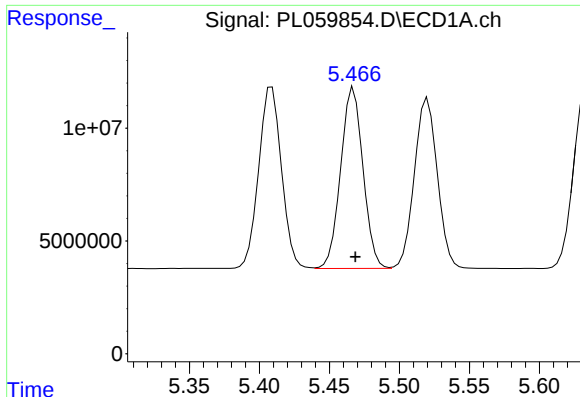
#10 gamma-Chlordane

R.T.: 5.409 min  
Delta R.T.: -0.001 min  
Response: 91287281  
Conc: 50.32 ng/ml



#10 gamma-Chlordane

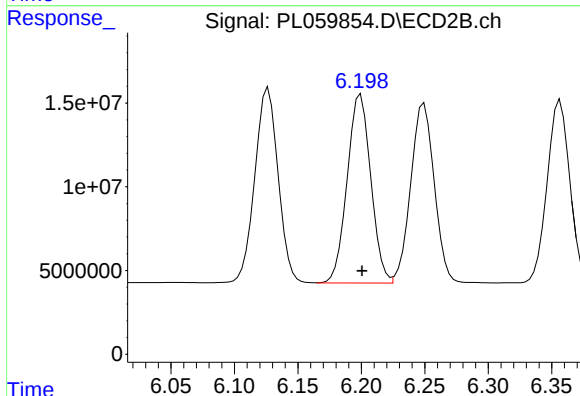
R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 149005019  
Conc: 52.03 ng/ml



#11 alpha-Chlordane

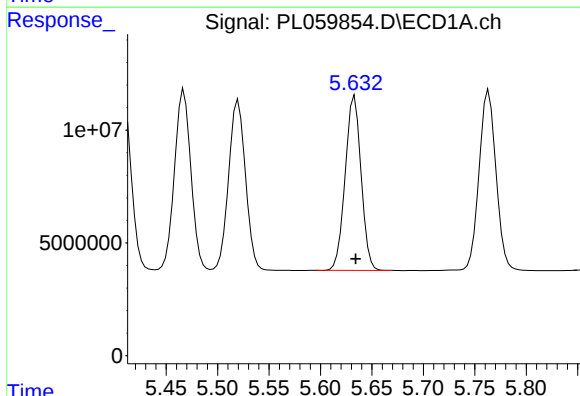
R.T.: 5.467 min  
Delta R.T.: -0.001 min  
Response: 89161876  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



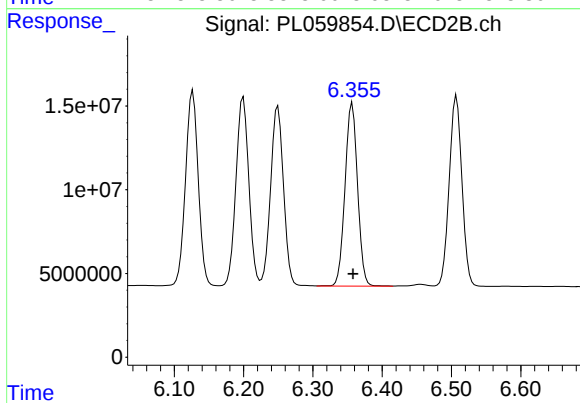
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: -0.001 min  
Response: 145727181  
Conc: 50.97 ng/ml



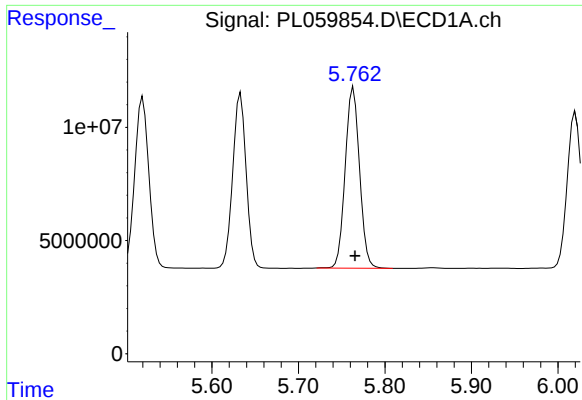
#12 4,4'-DDE

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 83330374  
Conc: 50.04 ng/ml



#12 4,4'-DDE

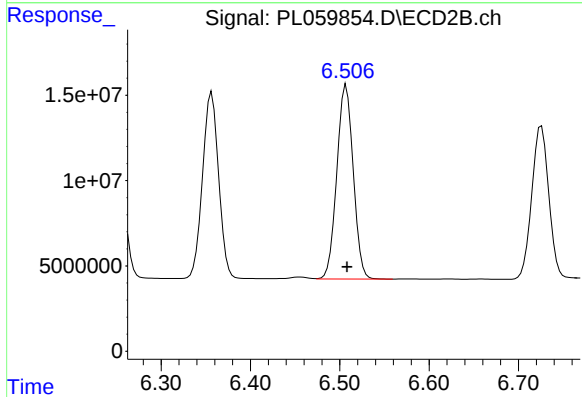
R.T.: 6.357 min  
Delta R.T.: -0.001 min  
Response: 137546151  
Conc: 51.39 ng/ml



#13 Dieldrin

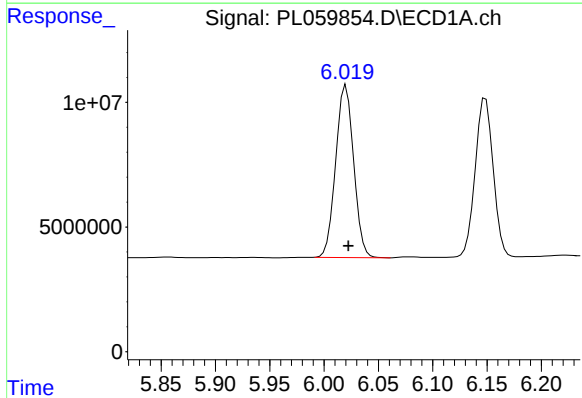
R.T.: 5.763 min  
Delta R.T.: -0.002 min  
Response: 91424746  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



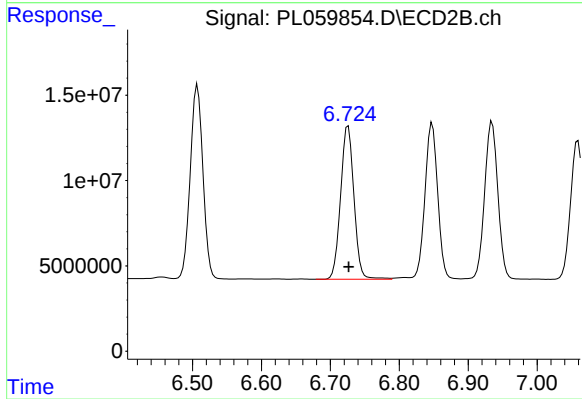
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: -0.001 min  
Response: 145251297  
Conc: 52.51 ng/ml



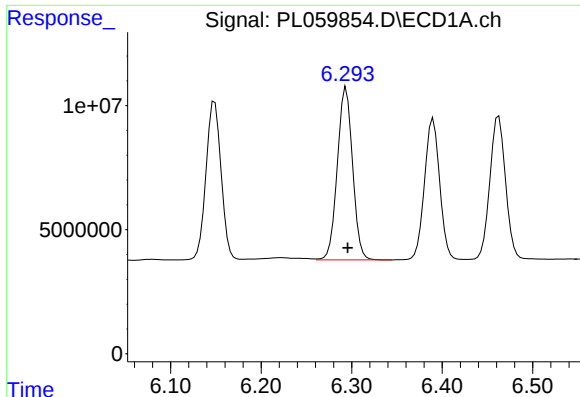
#14 Endrin

R.T.: 6.020 min  
Delta R.T.: -0.002 min  
Response: 79626308  
Conc: 54.70 ng/ml



#14 Endrin

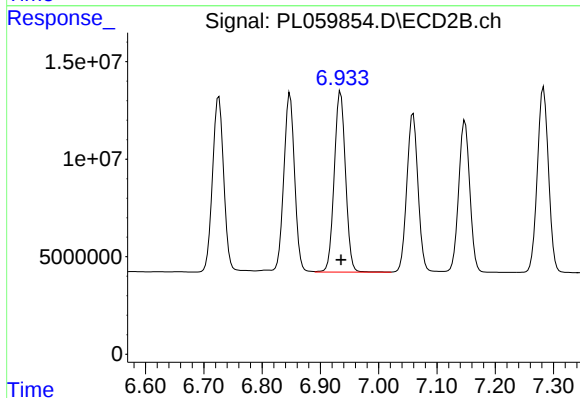
R.T.: 6.726 min  
Delta R.T.: 0.000 min  
Response: 121205944  
Conc: 56.96 ng/ml



#15 Endosulfan II

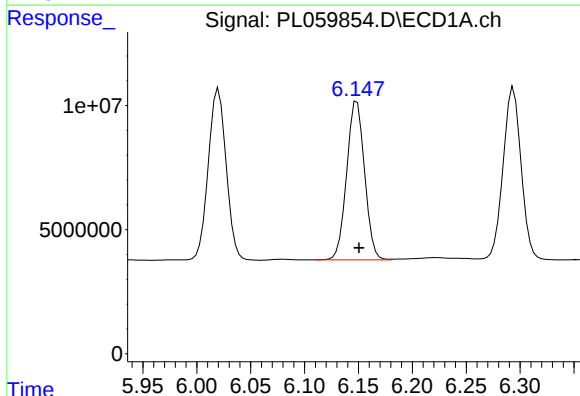
R.T.: 6.294 min  
Delta R.T.: -0.002 min  
Response: 81248060  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



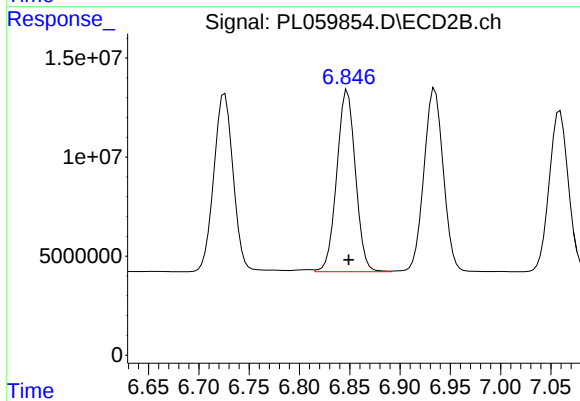
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 124473996  
Conc: 49.56 ng/ml



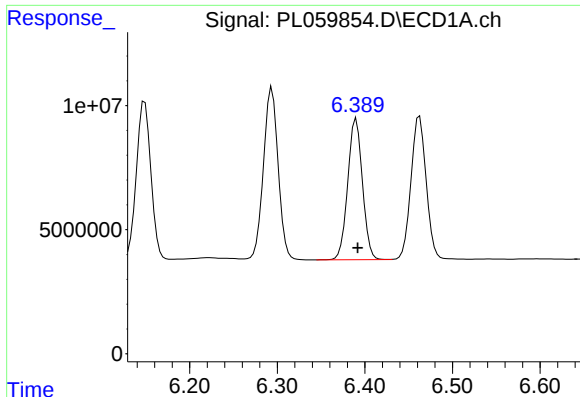
#16 4,4'-DDD

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 73954851  
Conc: 48.45 ng/ml



#16 4,4'-DDD

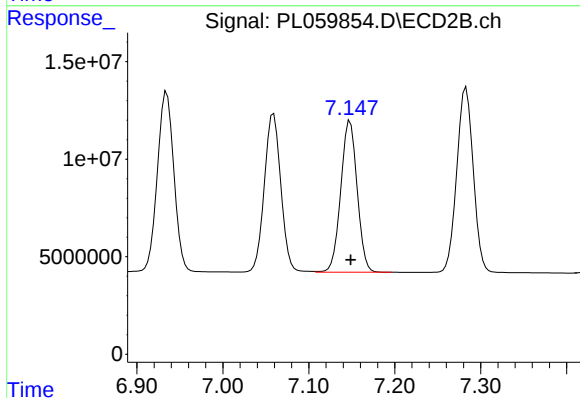
R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 118248494  
Conc: 51.51 ng/ml



#17 4,4'-DDT

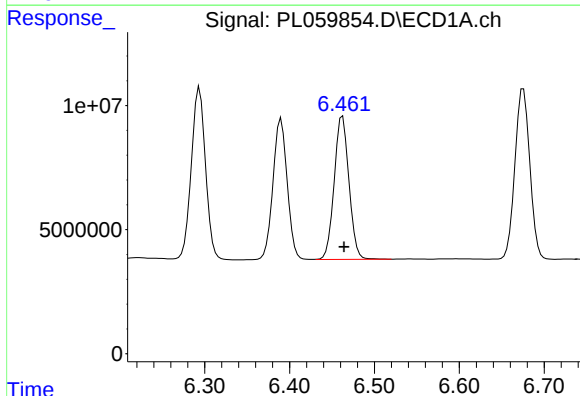
R.T.: 6.390 min  
Delta R.T.: -0.002 min  
Response: 66272827  
Conc: 50.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



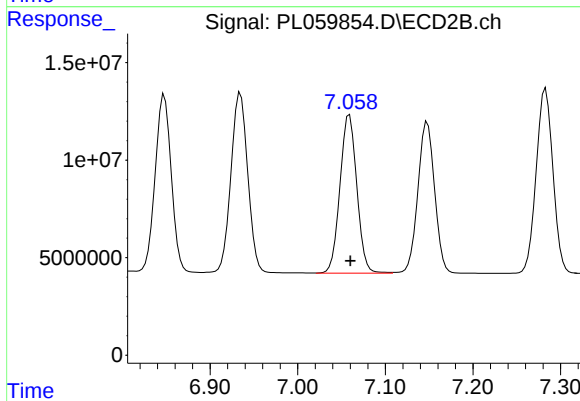
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 103022744  
Conc: 52.32 ng/ml



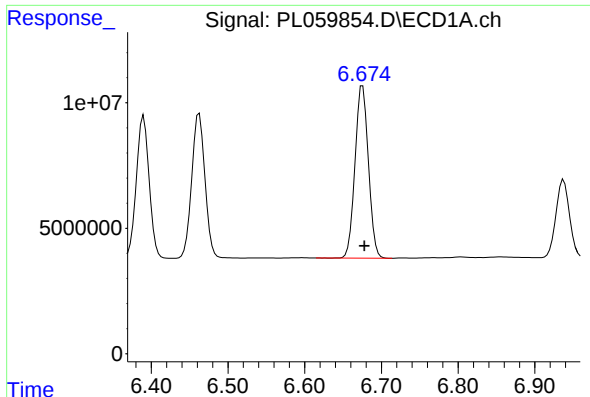
#18 Endrin aldehyde

R.T.: 6.463 min  
Delta R.T.: -0.002 min  
Response: 69654866  
Conc: 48.83 ng/ml



#18 Endrin aldehyde

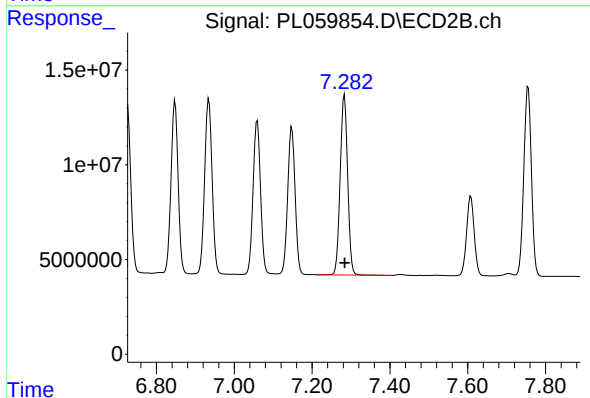
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 108661399  
Conc: 50.03 ng/ml



#19 Endosulfan Sulfate

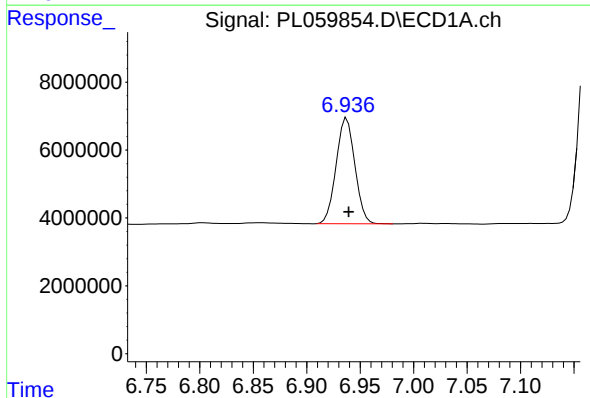
R.T.: 6.676 min  
Delta R.T.: -0.002 min  
Response: 84003646  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



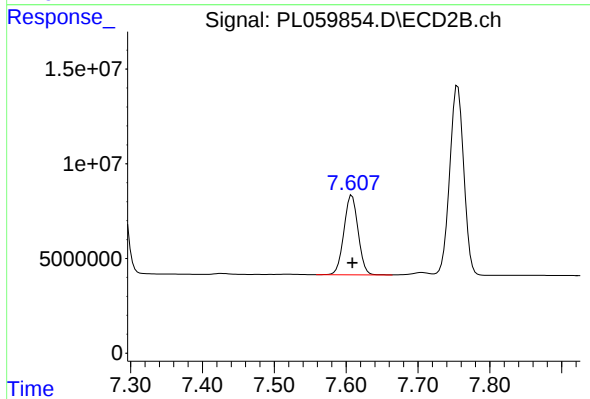
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.000 min  
Response: 127088790  
Conc: 54.34 ng/ml



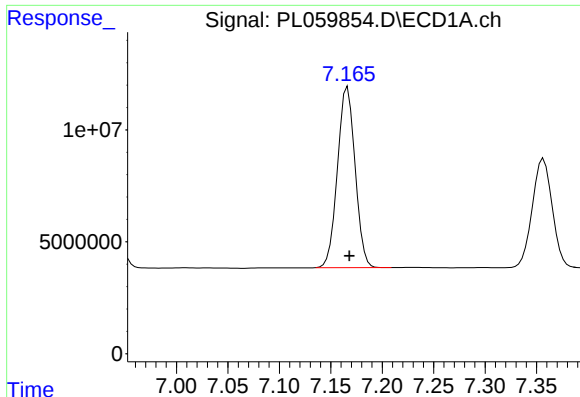
#20 Methoxychlor

R.T.: 6.938 min  
Delta R.T.: -0.002 min  
Response: 38051596  
Conc: 50.87 ng/ml



#20 Methoxychlor

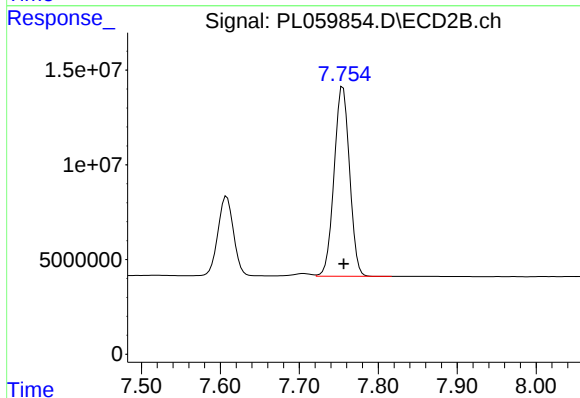
R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 57689338  
Conc: 50.82 ng/ml



#21 Endrin ketone

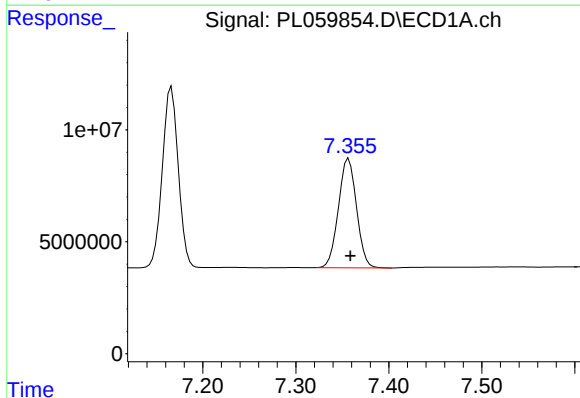
R.T.: 7.166 min  
Delta R.T.: -0.002 min  
Response: 96296695  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



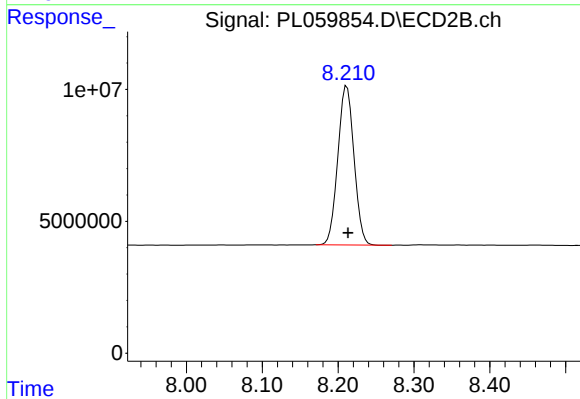
#21 Endrin ketone

R.T.: 7.755 min  
Delta R.T.: -0.001 min  
Response: 136189310  
Conc: 52.73 ng/ml



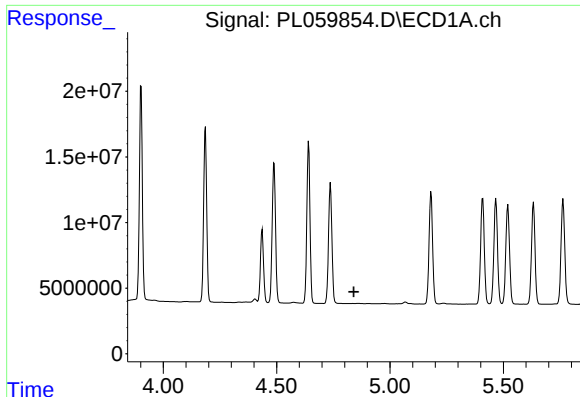
#22 Mirex

R.T.: 7.357 min  
Delta R.T.: -0.002 min  
Response: 65971924  
Conc: 46.37 ng/ml



#22 Mirex

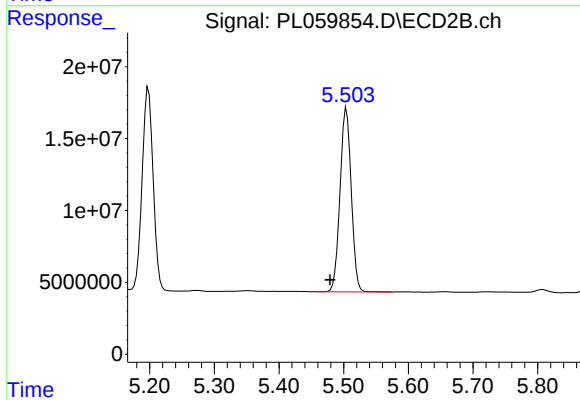
R.T.: 8.212 min  
Delta R.T.: -0.001 min  
Response: 89596980  
Conc: 48.48 ng/ml



#24 Chlordane-2

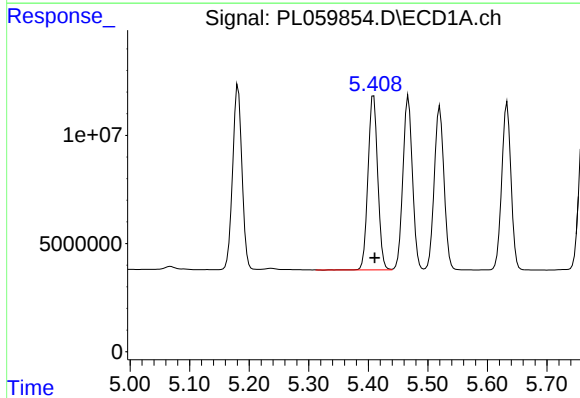
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



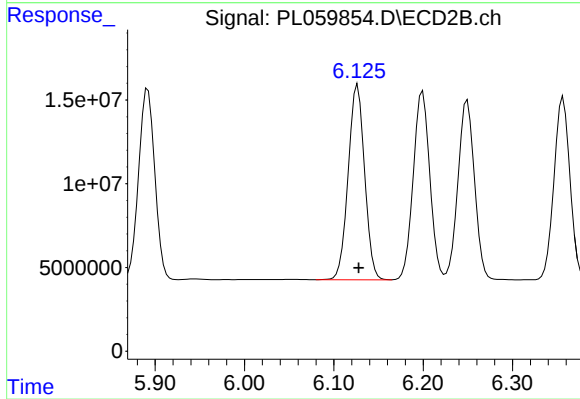
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.025 min  
Response: 153772736  
Conc: 1342.11 ng/ml



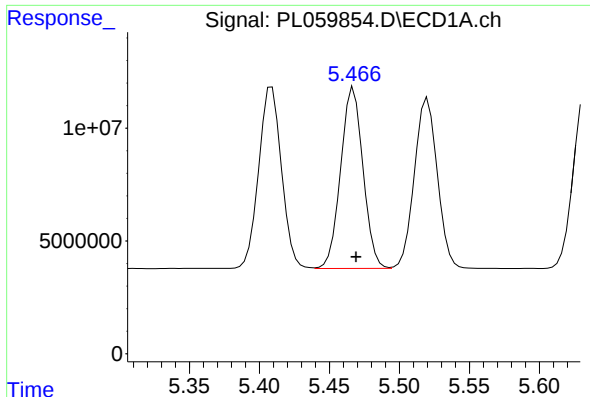
#25 Chlordane-3

R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 91287281  
Conc: 539.79 ng/ml



#25 Chlordane-3

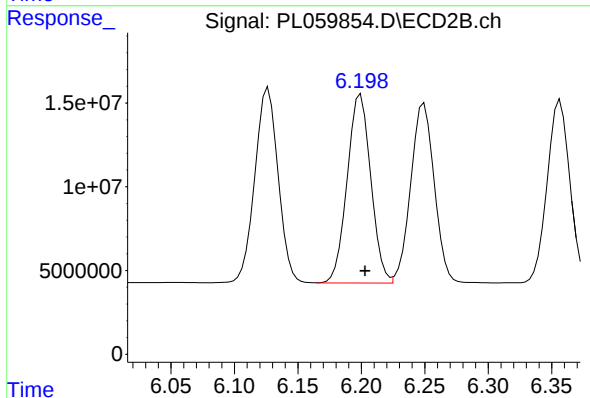
R.T.: 6.127 min  
Delta R.T.: -0.001 min  
Response: 149005019  
Conc: 385.11 ng/ml



#26 Chlordane-4

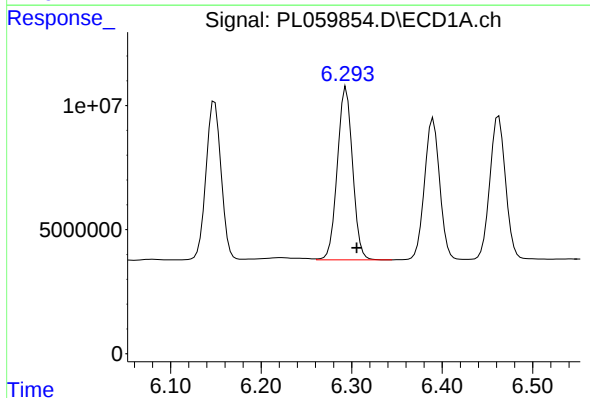
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 89161876  
Conc: 639.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



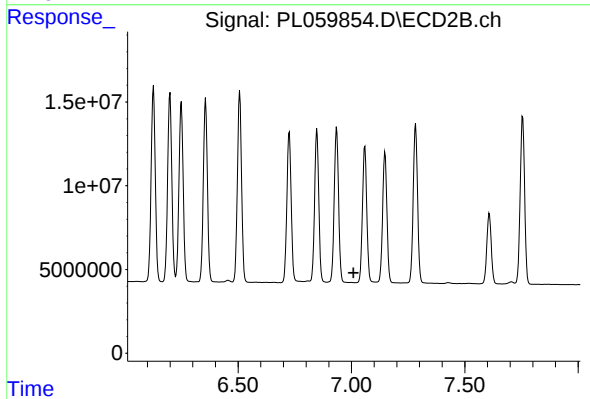
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: -0.003 min  
Response: 145727181  
Conc: 314.81 ng/ml



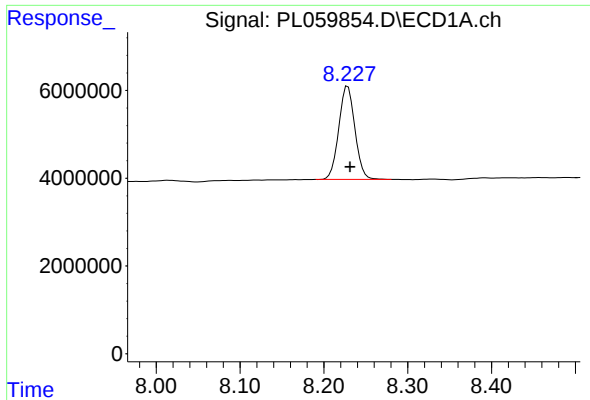
#27 Chlordane-5

R.T.: 6.294 min  
Delta R.T.: -0.012 min  
Response: 81248060  
Conc: 1431.92 ng/ml



#27 Chlordane-5

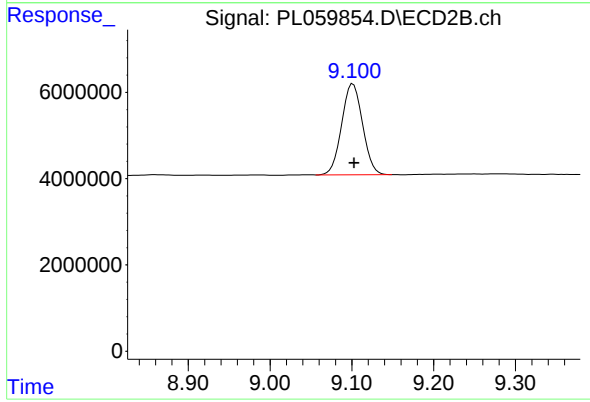
R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.229 min  
Delta R.T.: -0.003 min  
Response: 28363474  
Conc: 17.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.101 min  
Delta R.T.: -0.001 min  
Response: 37269944  
Conc: 17.82 ng/ml