

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040419\  
 Data File : PL047020.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Apr 2019 12:26  
 Operator : AJ\SJ  
 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: Apr 05 00:53:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.358 | 3.976  | 379.4E6 | 117.6E6  | 52.151   | 51.375     |
| 2)                          | SA Decachlor... | 8.033 | 9.027  | 432.8E6 | 118.4E6  | 51.452   | 51.054     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.787 | 4.366  | 617.0E6 | 169.7E6  | 52.906   | 52.809     |
| 3)                          | MA gamma-BHC... | 4.064 | 4.650  | 569.7E6 | 157.6E6  | 53.026   | 52.671     |
| 4)                          | MA Heptachlor   | 4.351 | 5.156  | 588.8E6 | 157.8E6  | 53.403   | 51.291     |
| 5)                          | MB Aldrin       | 4.591 | 5.460  | 553.6E6 | 150.2E6  | 53.673   | 52.418     |
| 6)                          | B beta-BHC      | 4.317 | 4.823  | 231.9E6 | 71152534 | 51.514   | 53.672     |
| 7)                          | B delta-BHC     | 4.513 | 5.038  | 550.2E6 | 136.8E6  | 54.355   | 58.963     |
| 8)                          | B Heptachlo...  | 5.028 | 5.846  | 519.4E6 | 138.5E6  | 53.253   | 52.506     |
| 9)                          | A Endosulfan I  | 5.360 | 6.202  | 492.9E6 | 133.0E6  | 52.423   | 50.974     |
| 10)                         | B gamma-Chl...  | 5.251 | 6.080  | 541.1E6 | 146.1E6  | 52.678   | 51.495     |
| 11)                         | B alpha-Chl...  | 5.307 | 6.152  | 531.2E6 | 145.2E6  | 52.396   | 51.180     |
| 12)                         | B 4,4'-DDE      | 5.474 | 6.311  | 485.3E6 | 127.2E6  | 52.710   | 51.240     |
| 13)                         | MA Dieldrin     | 5.599 | 6.459  | 531.8E6 | 135.5E6  | 52.994   | 50.000     |
| 14)                         | MA Endrin       | 5.852 | 6.676  | 477.9E6 | 116.8E6  | 50.735   | 48.889     |
| 15)                         | B Endosulfa...  | 6.127 | 6.886  | 466.6E6 | 122.1E6  | 52.080   | 50.619     |
| 16)                         | A 4,4'-DDD      | 5.985 | 6.800  | 408.0E6 | 104.5E6  | 53.978   | 51.950     |
| 17)                         | MA 4,4'-DDT     | 6.220 | 7.098  | 406.1E6 | 103.4E6  | 53.609   | 49.289     |
| 18)                         | B Endrin al...  | 6.294 | 7.010  | 384.5E6 | 106.4E6  | 51.301   | 50.103     |
| 19)                         | B Endosulfa...  | 6.505 | 7.233  | 423.0E6 | 116.7E6  | 51.509   | 49.476     |
| 20)                         | A Methoxychlor  | 6.764 | 7.556  | 213.5E6 | 62491813 | 50.240   | 49.022     |
| 21)                         | B Endrin ke...  | 6.988 | 7.702  | 481.6E6 | 126.6E6  | 52.078   | 50.964     |
| 22)                         | Mirex           | 7.164 | 8.154  | 359.5E6 | 100.3E6  | 49.340   | 50.150     |
| 24)                         | Chlordane-2     | 0.000 | 5.460f | 0       | 150.2E6  | N.D.     | 1285.643 # |
| 25)                         | Chlordane-3     | 5.251 | 6.080  | 541.1E6 | 146.1E6  | 485.909  | 383.318    |
| 26)                         | Chlordane-4     | 5.307 | 6.152  | 531.2E6 | 145.2E6  | 513.745  | 314.633 #  |
| 27)                         | Chlordane-5     | 6.127 | 0.000  | 466.6E6 | 0        | 1367.312 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

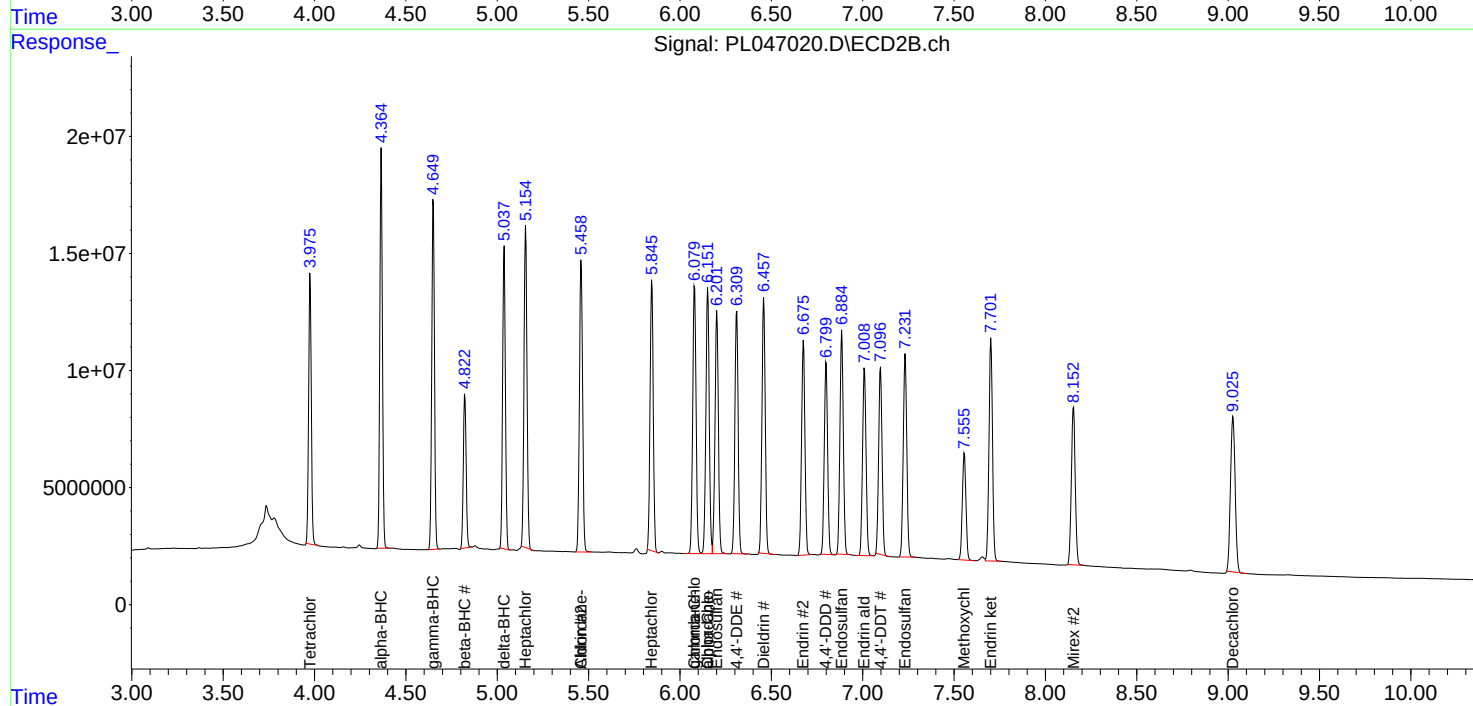
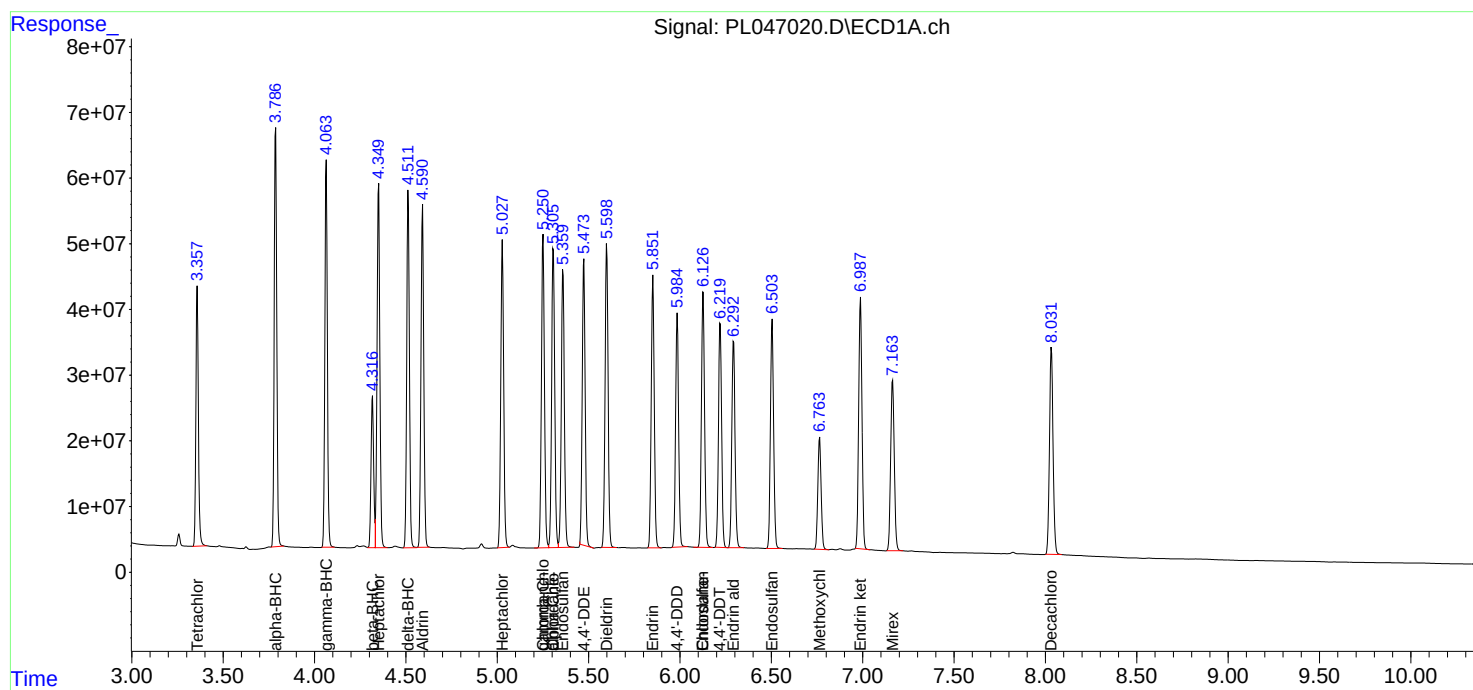
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

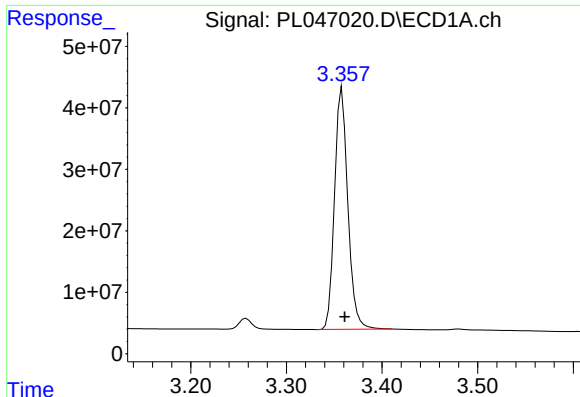
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040419\  
Data File : PL047020.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Apr 2019 12:26  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 00:53:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 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

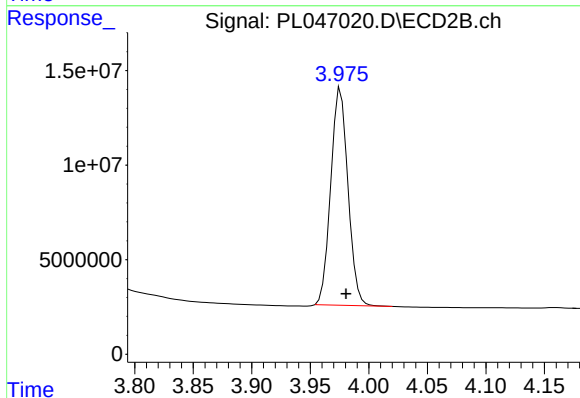




#1 Tetrachloro-m-xylene

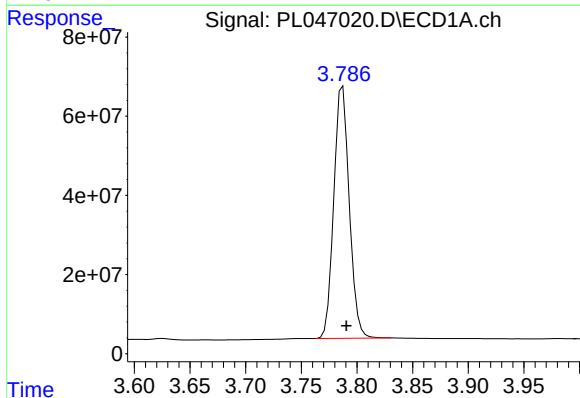
R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 379379600  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



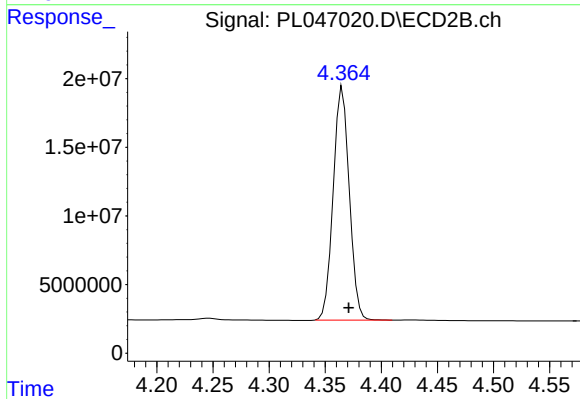
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: -0.005 min  
Response: 117627625  
Conc: 51.37 ng/ml



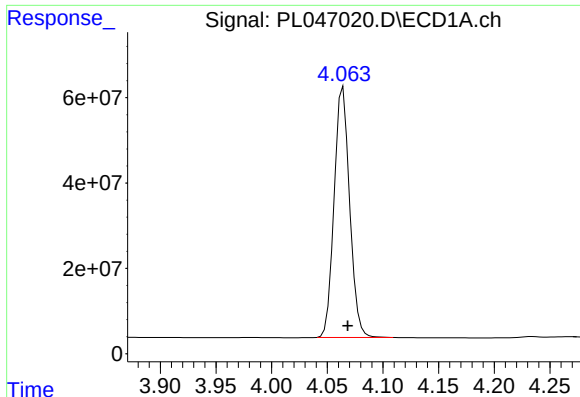
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: -0.003 min  
Response: 616989861  
Conc: 52.91 ng/ml



#2 alpha-BHC

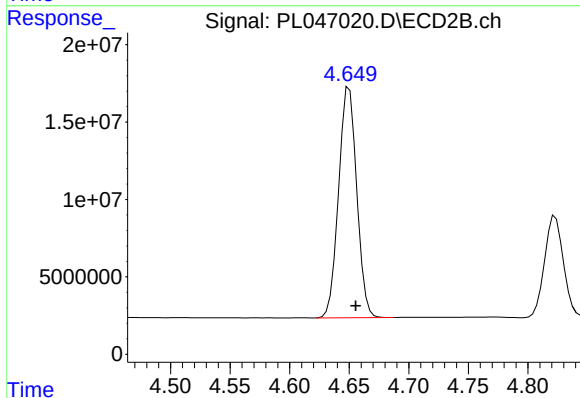
R.T.: 4.366 min  
Delta R.T.: -0.005 min  
Response: 169690081  
Conc: 52.81 ng/ml



#3 gamma-BHC (Lindane)

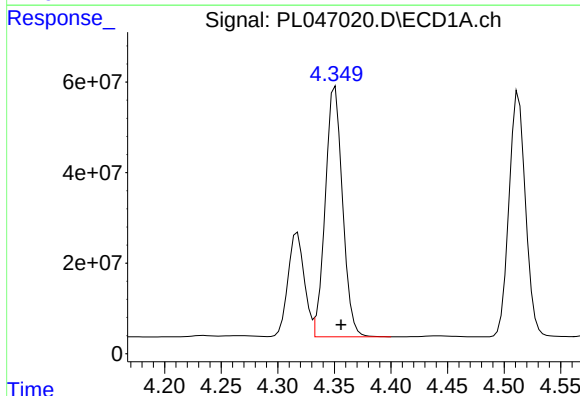
R.T.: 4.064 min  
Delta R.T.: -0.004 min  
Response: 569739932  
Conc: 53.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



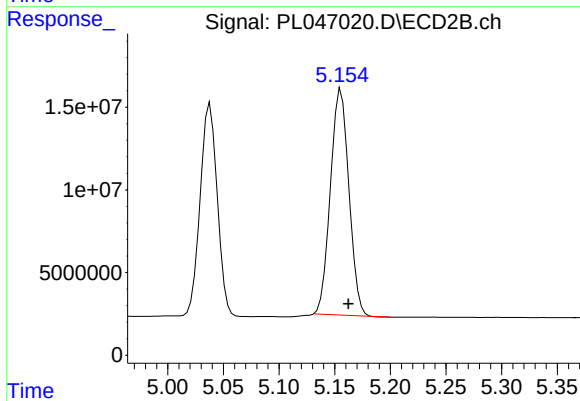
#3 gamma-BHC (Lindane)

R.T.: 4.650 min  
Delta R.T.: -0.006 min  
Response: 157646523  
Conc: 52.67 ng/ml



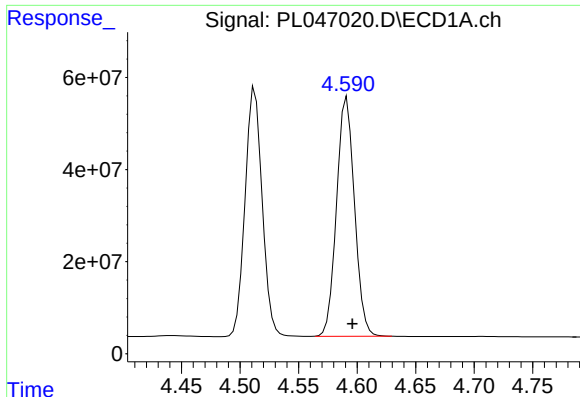
#4 Heptachlor

R.T.: 4.351 min  
Delta R.T.: -0.005 min  
Response: 588772430  
Conc: 53.40 ng/ml



#4 Heptachlor

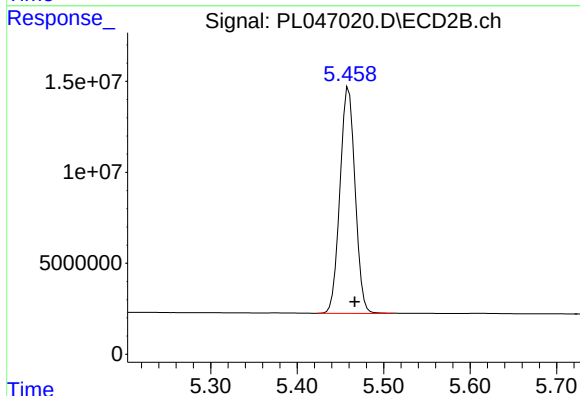
R.T.: 5.156 min  
Delta R.T.: -0.007 min  
Response: 157765317  
Conc: 51.29 ng/ml



#5 Aldrin

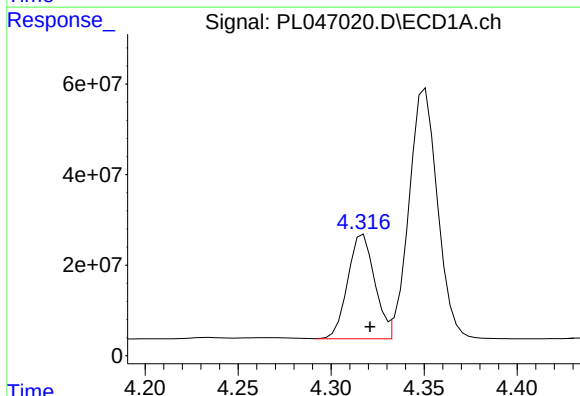
R.T.: 4.591 min  
Delta R.T.: -0.004 min  
Response: 553633305  
Conc: 53.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



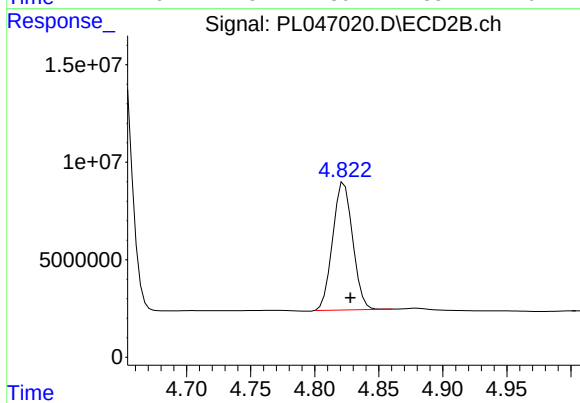
#5 Aldrin

R.T.: 5.460 min  
Delta R.T.: -0.007 min  
Response: 150175006  
Conc: 52.42 ng/ml



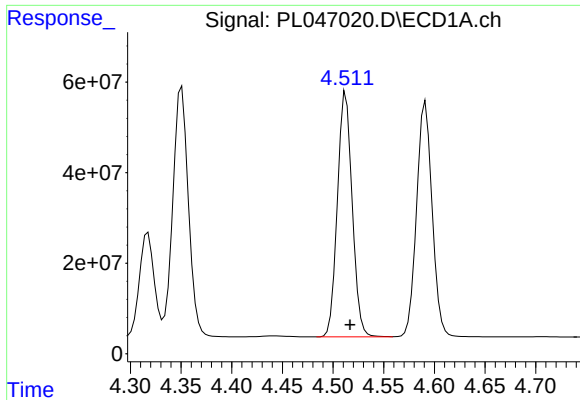
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: -0.004 min  
Response: 231939072  
Conc: 51.51 ng/ml



#6 beta-BHC

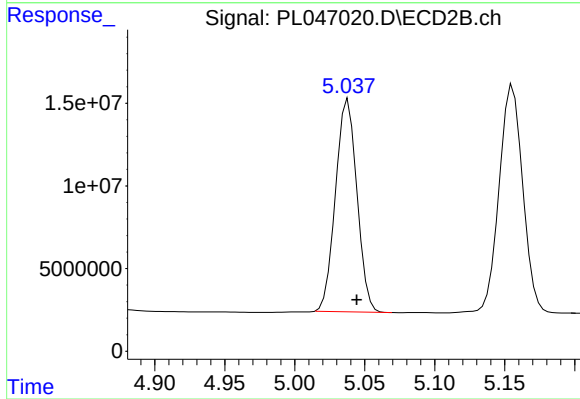
R.T.: 4.823 min  
Delta R.T.: -0.005 min  
Response: 71152534  
Conc: 53.67 ng/ml



#7 delta-BHC

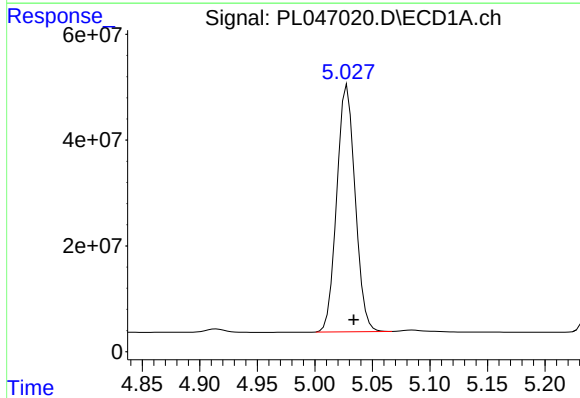
R.T.: 4.513 min  
Delta R.T.: -0.004 min  
Response: 550236296  
Conc: 54.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



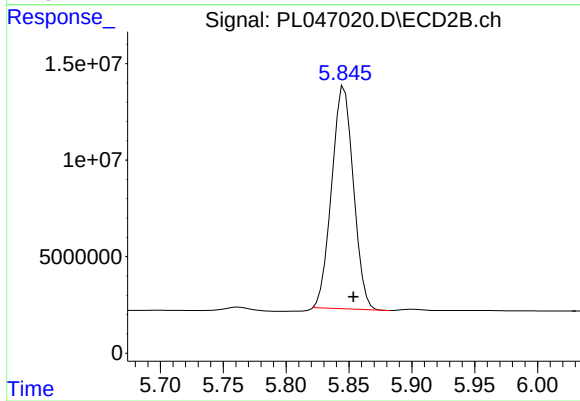
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.006 min  
Response: 136803535  
Conc: 58.96 ng/ml



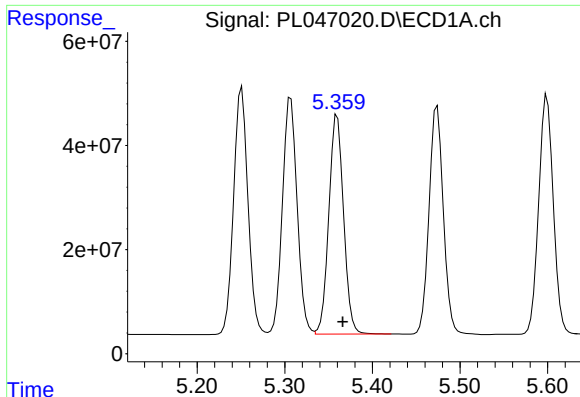
#8 Heptachlor epoxide

R.T.: 5.028 min  
Delta R.T.: -0.006 min  
Response: 519409945  
Conc: 53.25 ng/ml



#8 Heptachlor epoxide

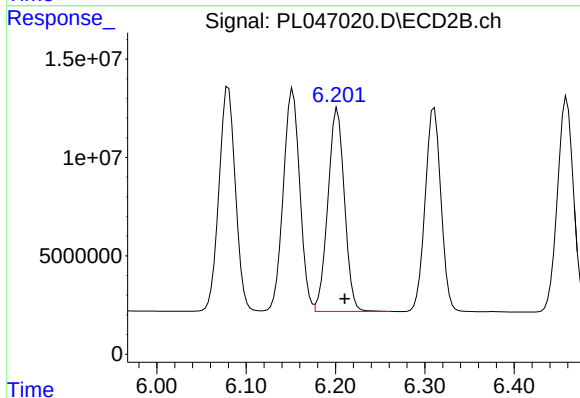
R.T.: 5.846 min  
Delta R.T.: -0.007 min  
Response: 138468765  
Conc: 52.51 ng/ml



#9 Endosulfan I

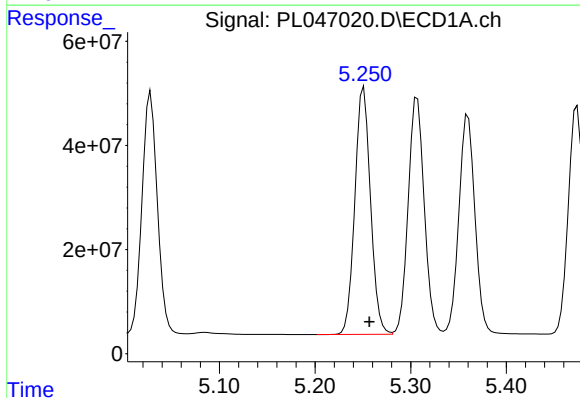
R.T.: 5.360 min  
Delta R.T.: -0.006 min  
Response: 492896907  
Conc: 52.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



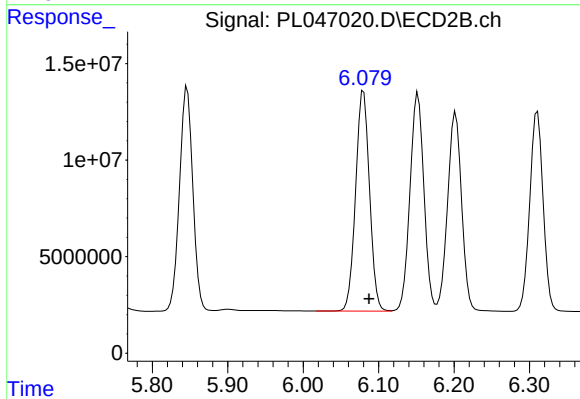
#9 Endosulfan I

R.T.: 6.202 min  
Delta R.T.: -0.008 min  
Response: 133036274  
Conc: 50.97 ng/ml



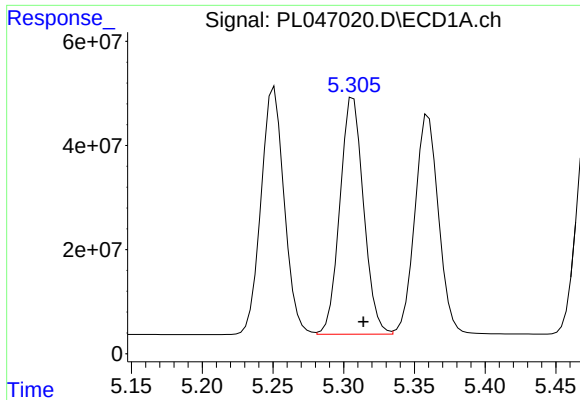
#10 gamma-Chlordane

R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 541144329  
Conc: 52.68 ng/ml



#10 gamma-Chlordane

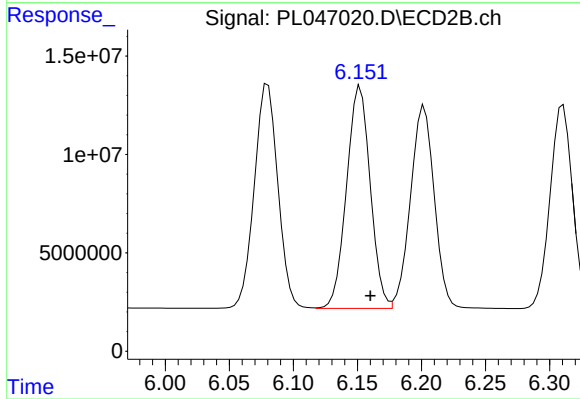
R.T.: 6.080 min  
Delta R.T.: -0.007 min  
Response: 146146697  
Conc: 51.49 ng/ml



#11 alpha-Chlordane

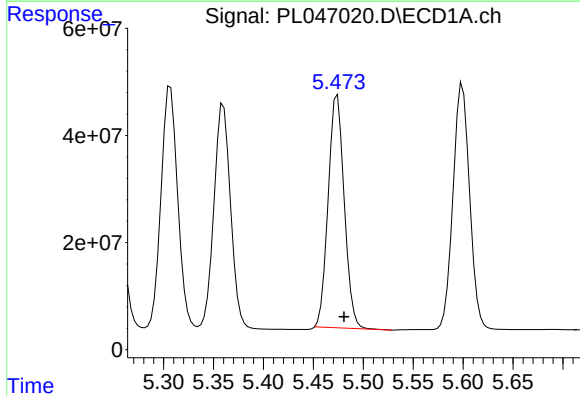
R.T.: 5.307 min  
Delta R.T.: -0.007 min  
Response: 531242880  
Conc: 52.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



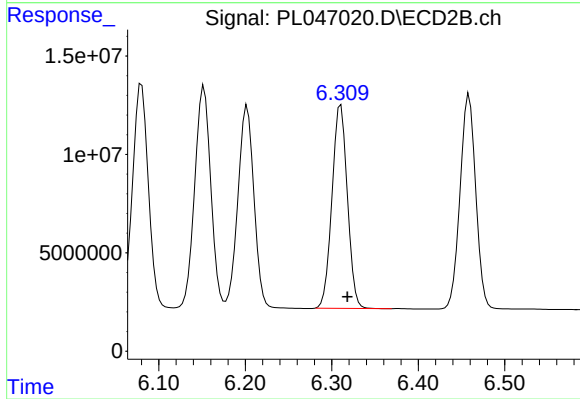
#11 alpha-Chlordane

R.T.: 6.152 min  
Delta R.T.: -0.008 min  
Response: 145179574  
Conc: 51.18 ng/ml



#12 4,4'-DDE

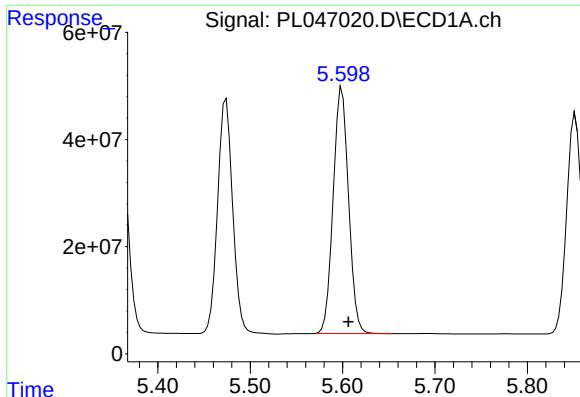
R.T.: 5.474 min  
Delta R.T.: -0.007 min  
Response: 485300127  
Conc: 52.71 ng/ml



#12 4,4'-DDE

R.T.: 6.311 min  
Delta R.T.: -0.007 min  
Response: 127194686  
Conc: 51.24 ng/ml

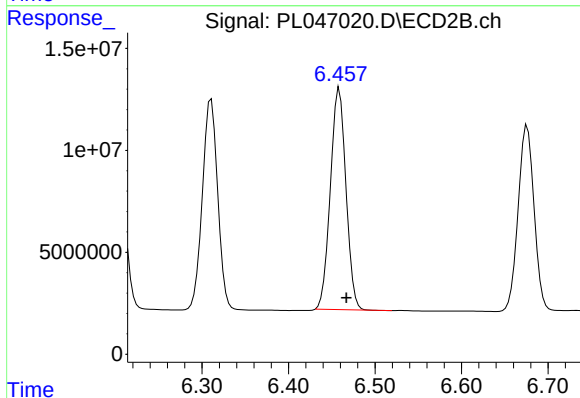




#13 Dieldrin

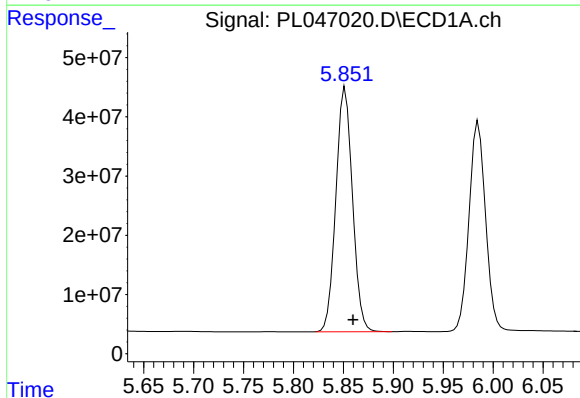
R.T.: 5.599 min  
Delta R.T.: -0.007 min  
Response: 531827906  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



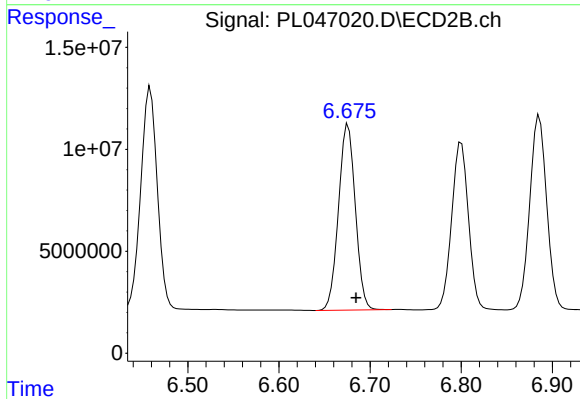
#13 Dieldrin

R.T.: 6.459 min  
Delta R.T.: -0.008 min  
Response: 135534448  
Conc: 50.00 ng/ml



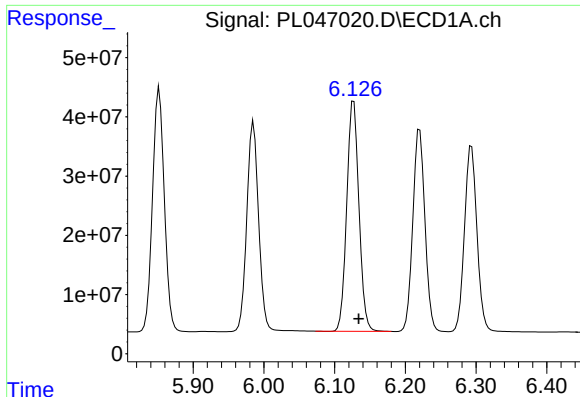
#14 Endrin

R.T.: 5.852 min  
Delta R.T.: -0.007 min  
Response: 477886208  
Conc: 50.74 ng/ml



#14 Endrin

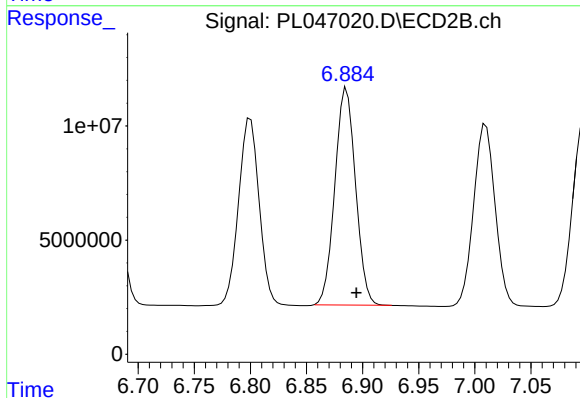
R.T.: 6.676 min  
Delta R.T.: -0.009 min  
Response: 116833426  
Conc: 48.89 ng/ml



#15 Endosulfan II

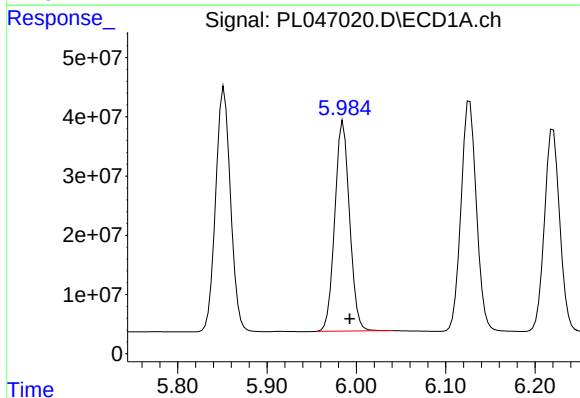
R.T.: 6.127 min  
Delta R.T.: -0.007 min  
Response: 466618680  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



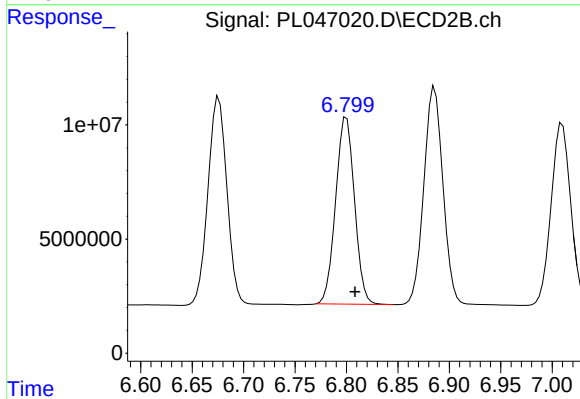
#15 Endosulfan II

R.T.: 6.886 min  
Delta R.T.: -0.009 min  
Response: 122137601  
Conc: 50.62 ng/ml



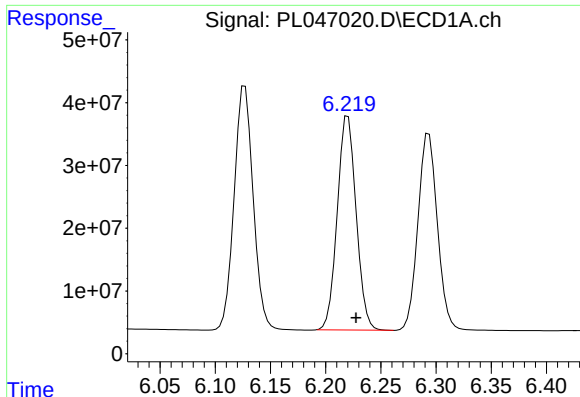
#16 4,4'-DDD

R.T.: 5.985 min  
Delta R.T.: -0.007 min  
Response: 408020780  
Conc: 53.98 ng/ml



#16 4,4'-DDD

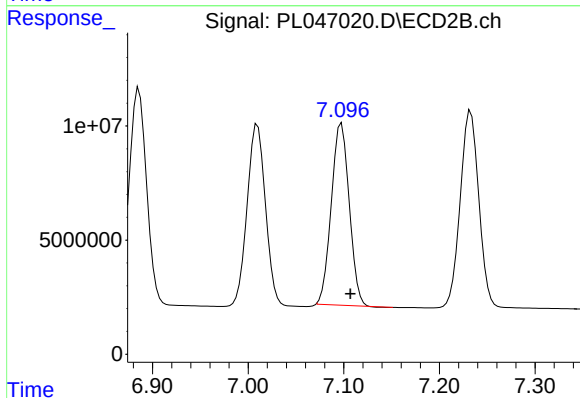
R.T.: 6.800 min  
Delta R.T.: -0.008 min  
Response: 104524188  
Conc: 51.95 ng/ml



#17 4,4'-DDT

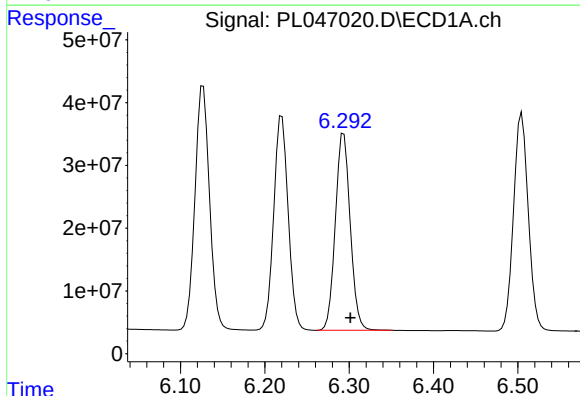
R.T.: 6.220 min  
Delta R.T.: -0.007 min  
Response: 406055267  
Conc: 53.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



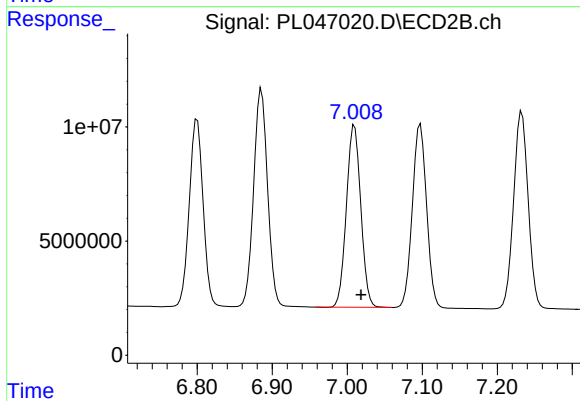
#17 4,4'-DDT

R.T.: 7.098 min  
Delta R.T.: -0.009 min  
Response: 103357668  
Conc: 49.29 ng/ml



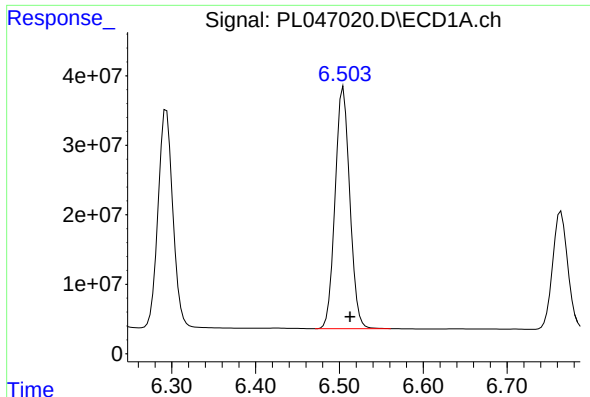
#18 Endrin aldehyde

R.T.: 6.294 min  
Delta R.T.: -0.008 min  
Response: 384506402  
Conc: 51.30 ng/ml



#18 Endrin aldehyde

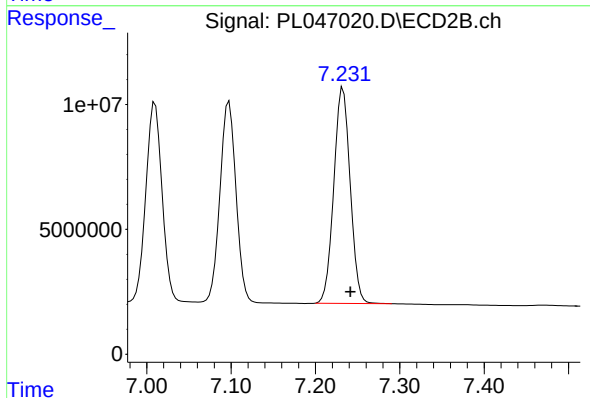
R.T.: 7.010 min  
Delta R.T.: -0.009 min  
Response: 106419155  
Conc: 50.10 ng/ml



#19 Endosulfan Sulfate

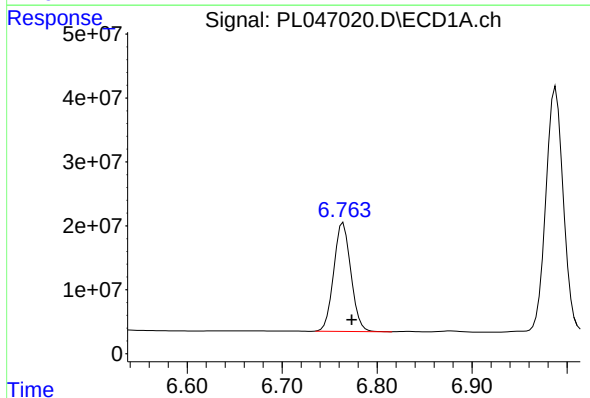
R.T.: 6.505 min  
Delta R.T.: -0.008 min  
Response: 422953484  
Conc: 51.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



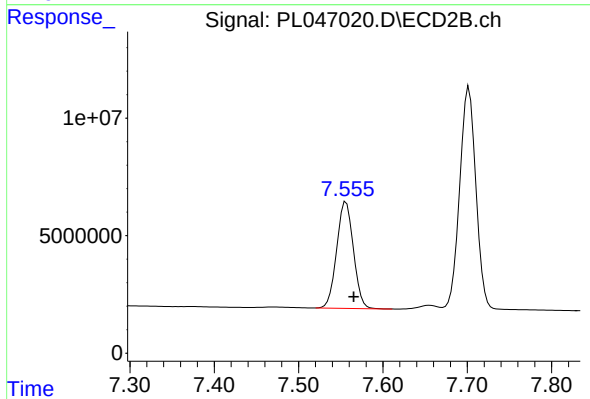
#19 Endosulfan Sulfate

R.T.: 7.233 min  
Delta R.T.: -0.009 min  
Response: 116713347  
Conc: 49.48 ng/ml



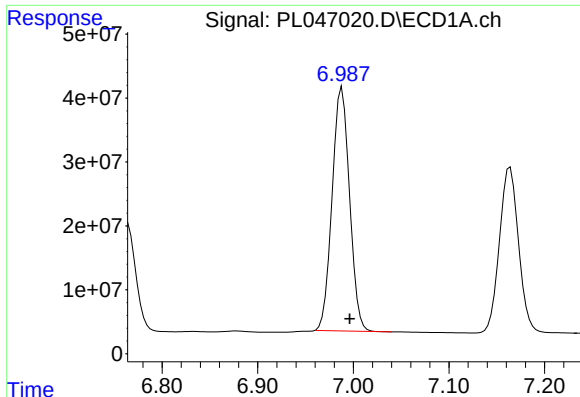
#20 Methoxychlor

R.T.: 6.764 min  
Delta R.T.: -0.009 min  
Response: 213512429  
Conc: 50.24 ng/ml



#20 Methoxychlor

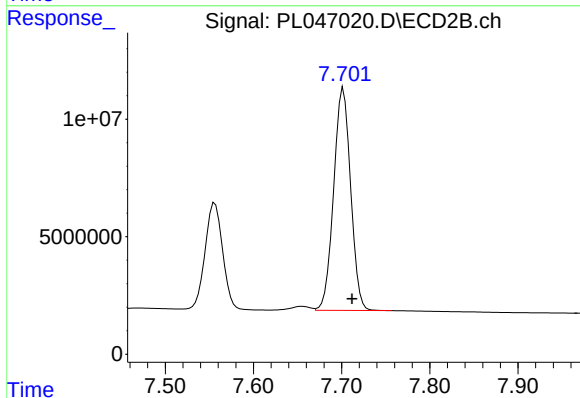
R.T.: 7.556 min  
Delta R.T.: -0.009 min  
Response: 62491813  
Conc: 49.02 ng/ml



#21 Endrin ketone

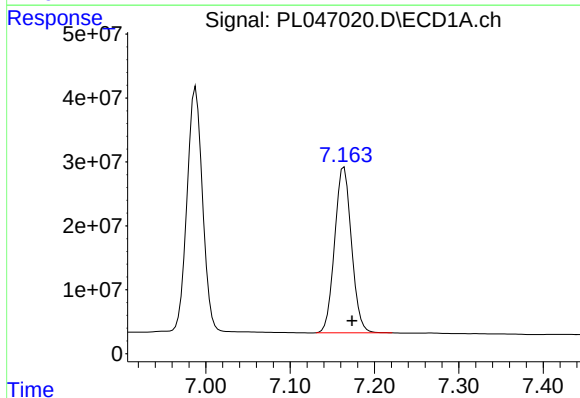
R.T.: 6.988 min  
Delta R.T.: -0.008 min  
Response: 481554808  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



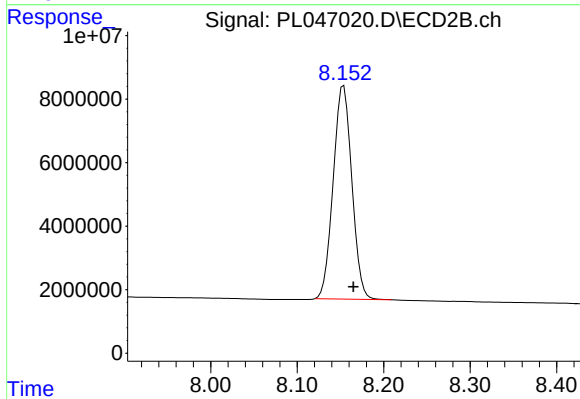
#21 Endrin ketone

R.T.: 7.702 min  
Delta R.T.: -0.010 min  
Response: 126623258  
Conc: 50.96 ng/ml



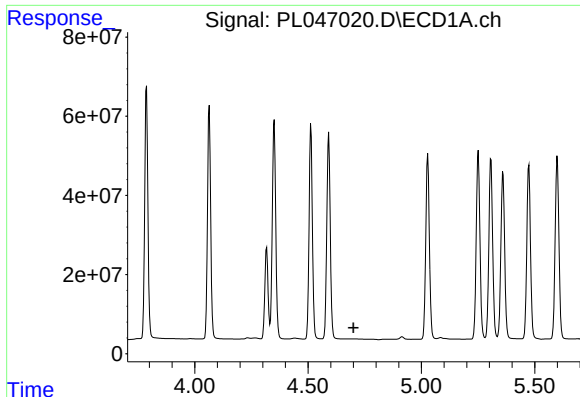
#22 Mirex

R.T.: 7.164 min  
Delta R.T.: -0.009 min  
Response: 359469079  
Conc: 49.34 ng/ml



#22 Mirex

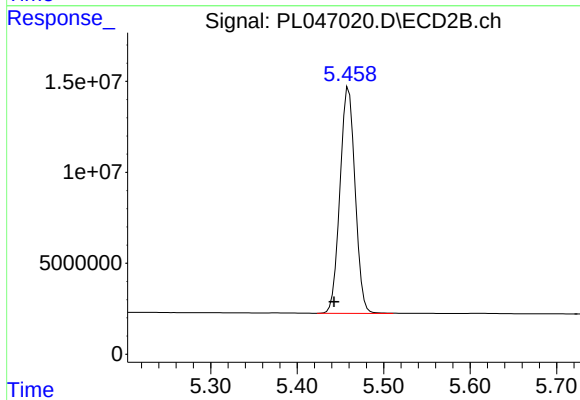
R.T.: 8.154 min  
Delta R.T.: -0.011 min  
Response: 100308913  
Conc: 50.15 ng/ml



#24 Chlordane-2

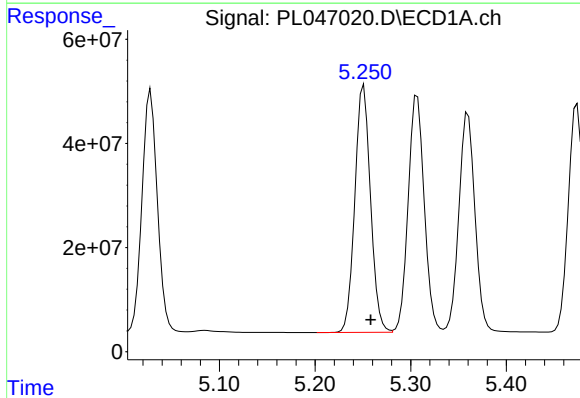
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



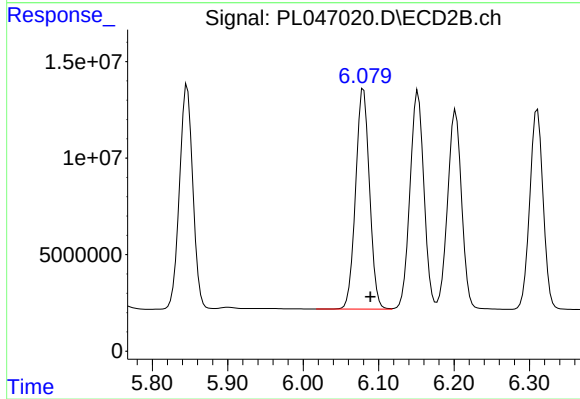
#24 Chlordane-2

R.T.: 5.460 min  
Delta R.T.: 0.017 min  
Response: 150175006  
Conc: 1285.64 ng/ml



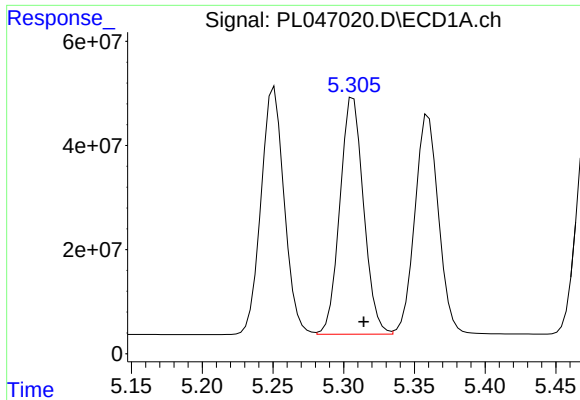
#25 Chlordane-3

R.T.: 5.251 min  
Delta R.T.: -0.007 min  
Response: 541144329  
Conc: 485.91 ng/ml



#25 Chlordane-3

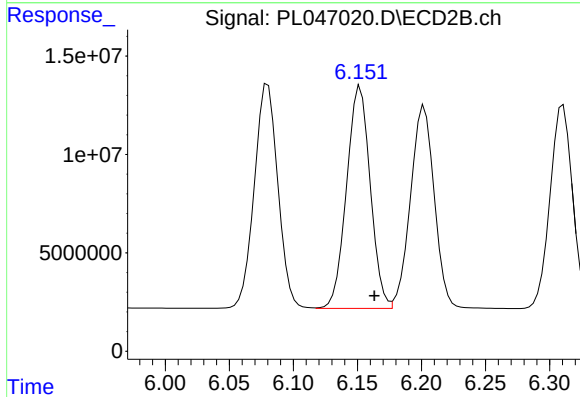
R.T.: 6.080 min  
Delta R.T.: -0.009 min  
Response: 146146697  
Conc: 383.32 ng/ml



#26 Chlordane-4

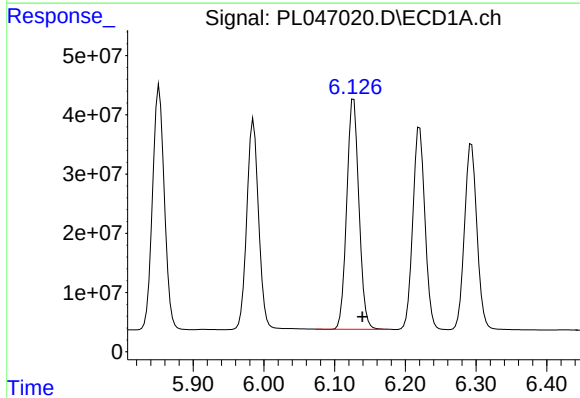
R.T.: 5.307 min  
Delta R.T.: -0.007 min  
Response: 531242880  
Conc: 513.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



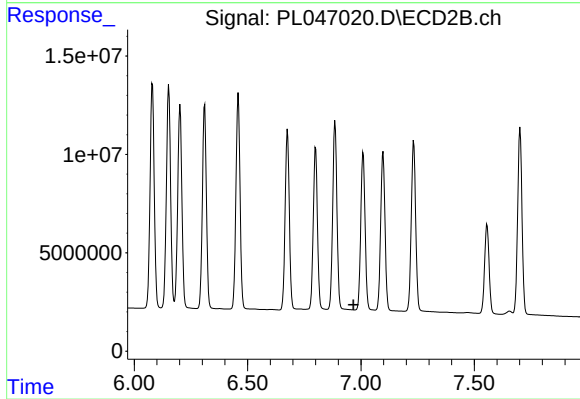
#26 Chlordane-4

R.T.: 6.152 min  
Delta R.T.: -0.011 min  
Response: 145179574  
Conc: 314.63 ng/ml



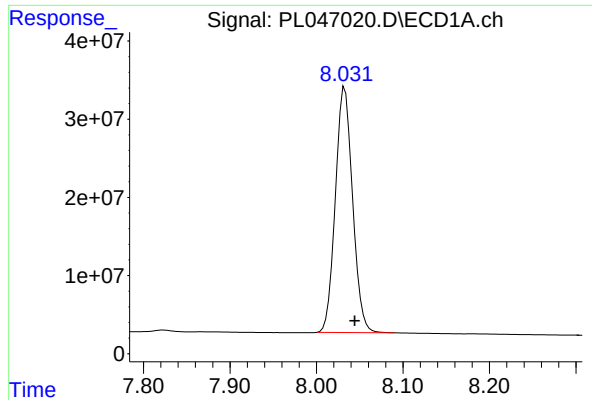
#27 Chlordane-5

R.T.: 6.127 min  
Delta R.T.: -0.013 min  
Response: 466618680  
Conc: 1367.31 ng/ml



#27 Chlordane-5

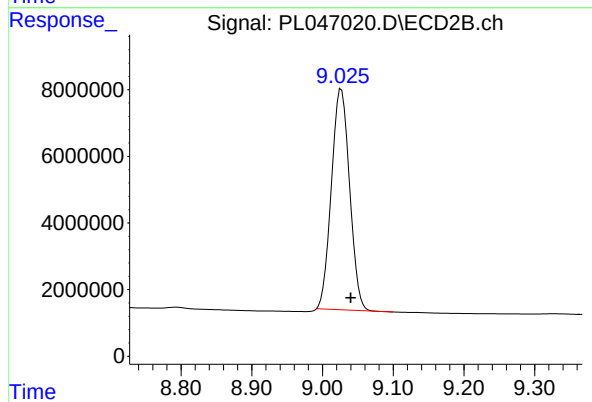
R.T.: 0.000 min  
Exp R.T.: 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.033 min  
Delta R.T.: -0.011 min  
Response: 432768149  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: -0.013 min  
Response: 118366708  
Conc: 51.05 ng/ml