

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042319\  
 Data File : PL047673.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2019 21:44  
 Operator : AJ\SJ  
 Sample : PB119151BS  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB119151BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 01:04:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 19 16:51:53 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... | 3.330 | 3.941  | 175.3E6 | 48391981 | 19.758   | 18.128     |
| 28)                         | SA Decachlor... | 8.003 | 8.981  | 199.5E6 | 54193247 | 19.752   | 17.853     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.758 | 4.330  | 793.2E6 | 181.4E6  | 56.565   | 48.730     |
| 3)                          | MA gamma-BHC... | 4.035 | 4.614  | 735.9E6 | 170.1E6  | 60.807   | 48.143     |
| 4)                          | MA Heptachlor   | 4.320 | 5.118  | 772.6E6 | 179.0E6  | 57.970   | 48.579     |
| 5)                          | MB Aldrin       | 4.559 | 5.421  | 756.7E6 | 168.2E6  | 61.709   | 51.811     |
| 6)                          | B beta-BHC      | 4.288 | 4.788  | 304.8E6 | 81072609 | 55.632   | 48.870     |
| 7)                          | B delta-BHC     | 4.483 | 5.002  | 624.2E6 | 129.9E6  | 50.438   | 48.395     |
| 8)                          | B Heptachlor... | 4.996 | 5.807  | 685.6E6 | 154.7E6  | 58.555   | 55.867     |
| 9)                          | A Endosulfan I  | 5.327 | 6.163  | 652.4E6 | 148.9E6  | 58.354   | 50.192     |
| 10)                         | B gamma-Chl...  | 5.219 | 6.041  | 711.1E6 | 162.2E6  | 58.137   | 51.323     |
| 11)                         | B alpha-Chl...  | 5.275 | 6.113  | 694.5E6 | 160.2E6  | 57.778   | 50.048     |
| 12)                         | B 4,4'-DDE      | 5.444 | 6.273  | 661.5E6 | 148.5E6  | 56.875   | 49.991     |
| 13)                         | MA Dieldrin     | 5.567 | 6.419  | 696.9E6 | 156.1E6  | 58.508   | 50.656     |
| 14)                         | MA Endrin       | 5.819 | 6.636  | 622.0E6 | 133.0E6  | 55.085   | 48.196     |
| 15)                         | B Endosulfa...  | 6.094 | 6.847  | 593.8E6 | 132.7E6  | 56.082   | 47.844     |
| 16)                         | A 4,4'-DDD      | 5.955 | 6.763  | 539.3E6 | 123.6E6  | 59.397   | 51.969     |
| 17)                         | MA 4,4'-DDT     | 6.189 | 7.060  | 510.1E6 | 119.8E6  | 58.978   | 48.187     |
| 18)                         | B Endrin al...  | 6.261 | 6.971  | 490.0E6 | 119.7E6  | 55.665   | 49.190     |
| 19)                         | B Endosulfa...  | 6.473 | 7.194  | 555.2E6 | 133.8E6  | 57.195   | 50.177     |
| 20)                         | A Methoxychlor  | 6.735 | 7.520  | 260.4E6 | 67976811 | 54.281   | 47.114     |
| 21)                         | B Endrin ke...  | 6.955 | 7.663  | 629.2E6 | 148.0E6  | 59.682   | 52.334     |
| 22)                         | Mirex           | 7.130 | 8.113  | 472.5E6 | 117.3E6  | 58.452   | 51.608     |
| 24)                         | Chlordane-2     | 0.000 | 5.421f | 0       | 168.2E6  | N.D.     | 1407.705 # |
| 25)                         | Chlordane-3     | 5.219 | 6.041  | 711.1E6 | 162.2E6  | 518.656  | 404.390    |
| 26)                         | Chlordane-4     | 5.275 | 6.113  | 694.5E6 | 160.2E6  | 547.906  | 339.144 #  |
| 27)                         | Chlordane-5     | 6.094 | 0.000  | 593.8E6 | 0        | 1521.485 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

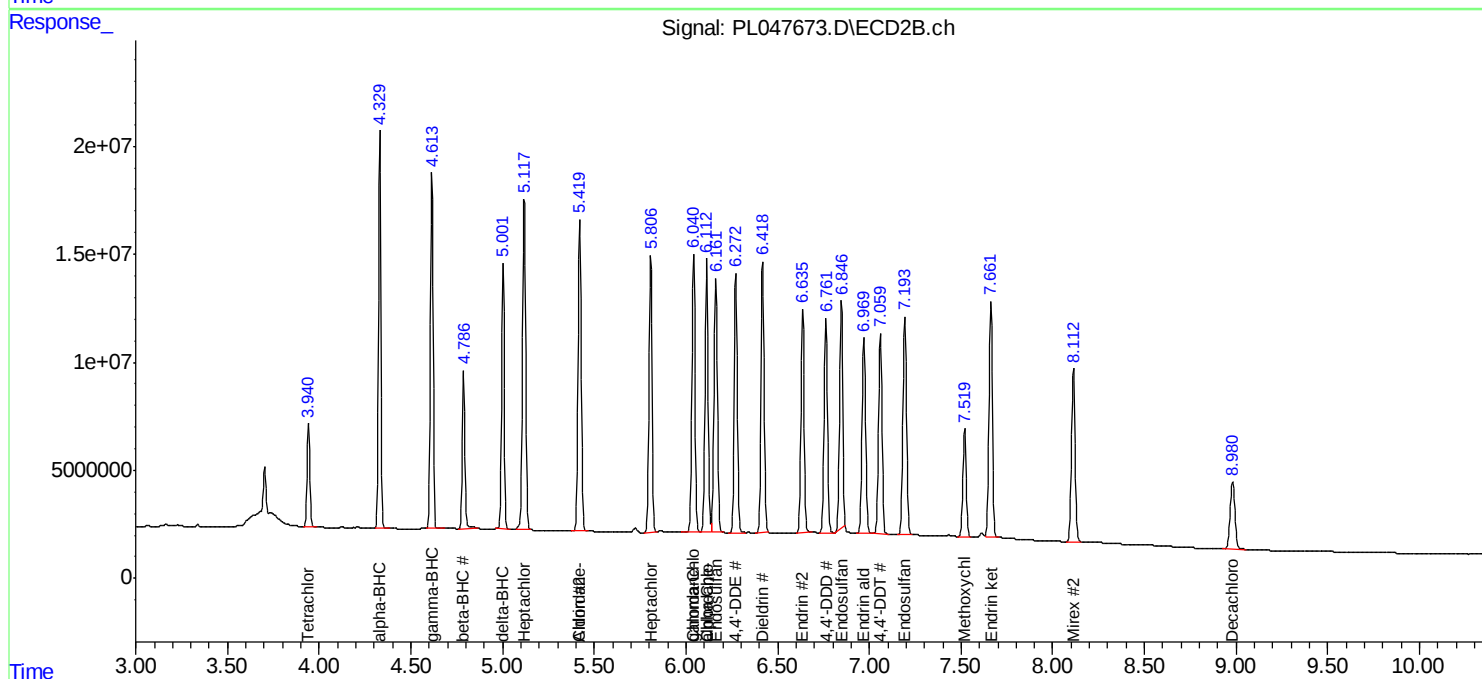
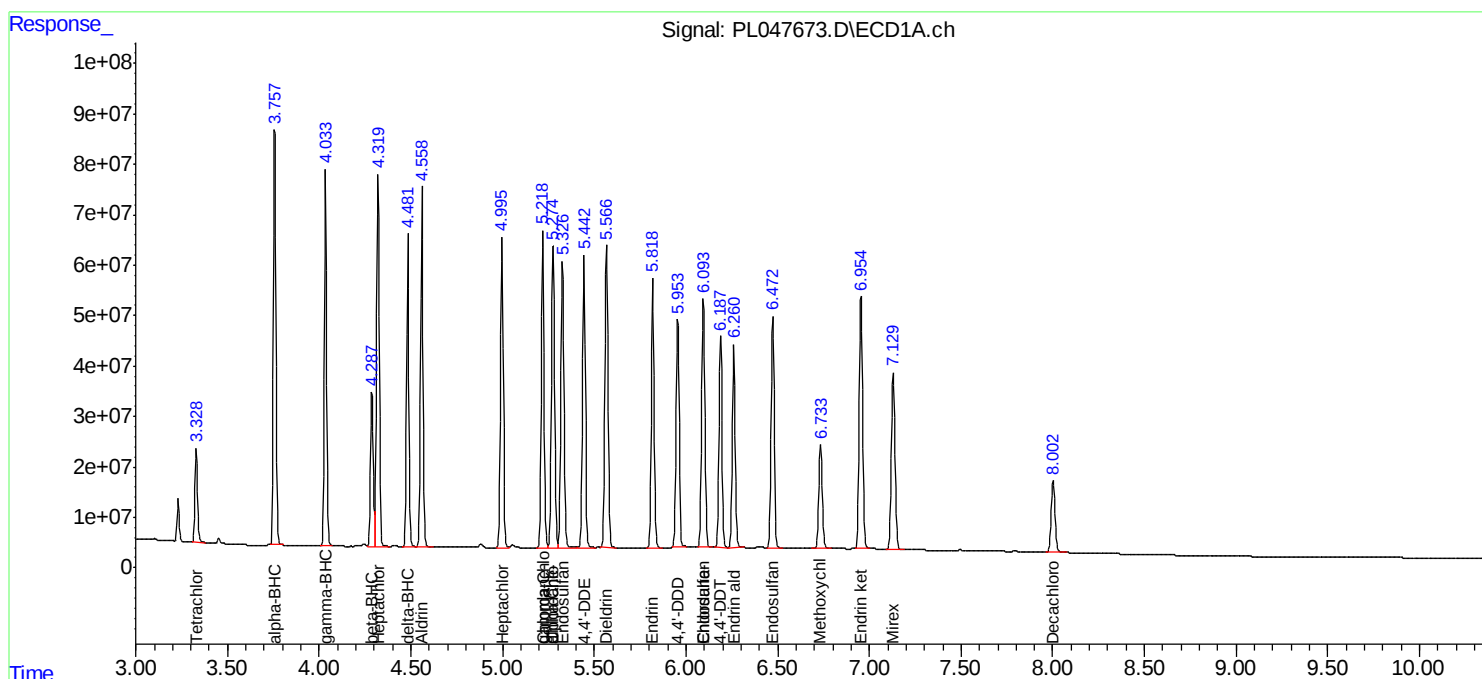
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

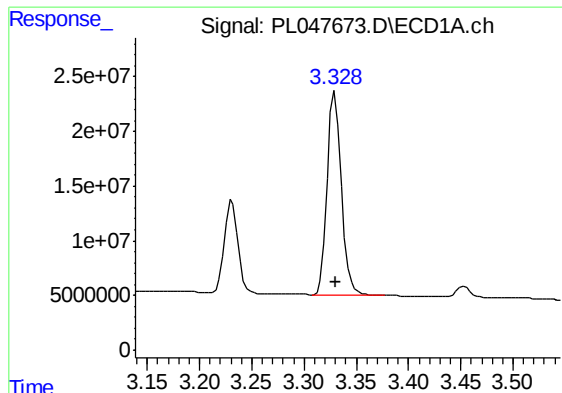
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042319\  
Data File : PL047673.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2019 21:44  
Operator : AJ\SJ  
Sample : PB119151BS  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 01:04:17 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041919.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 19 16:51:53 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

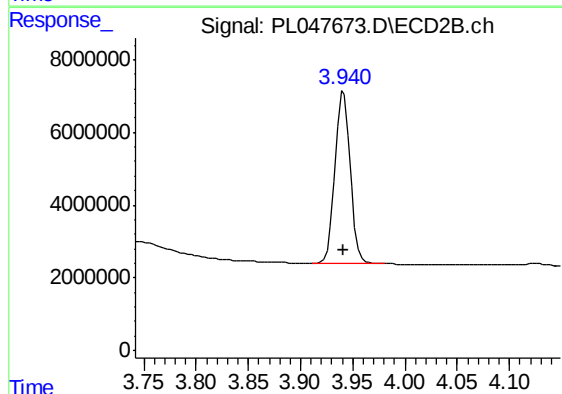




#1 Tetrachloro-m-xylene

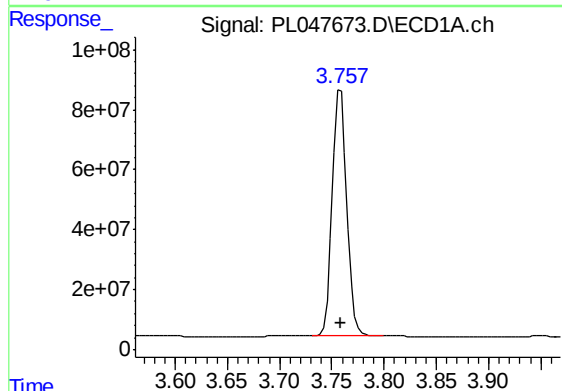
R.T.: 3.330 min  
Delta R.T.: 0.000 min  
Response: 175311621  
Conc: 19.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



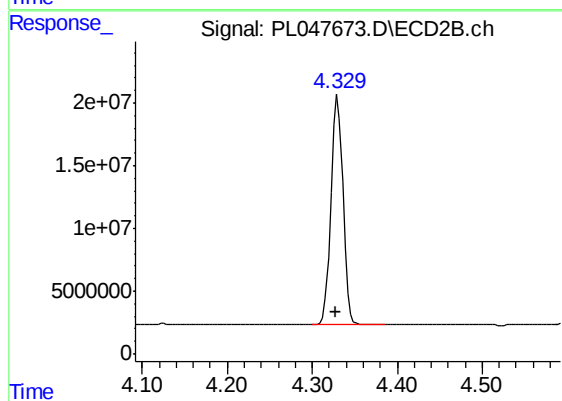
#1 Tetrachloro-m-xylene

R.T.: 3.941 min  
Delta R.T.: 0.000 min  
Response: 48391981  
Conc: 18.13 ng/ml



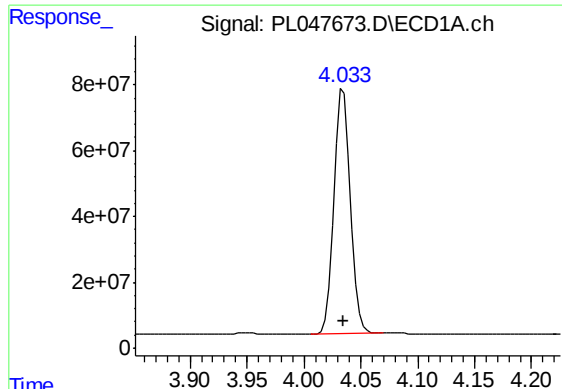
#2 alpha-BHC

R.T.: 3.758 min  
Delta R.T.: 0.000 min  
Response: 793246326  
Conc: 56.56 ng/ml



#2 alpha-BHC

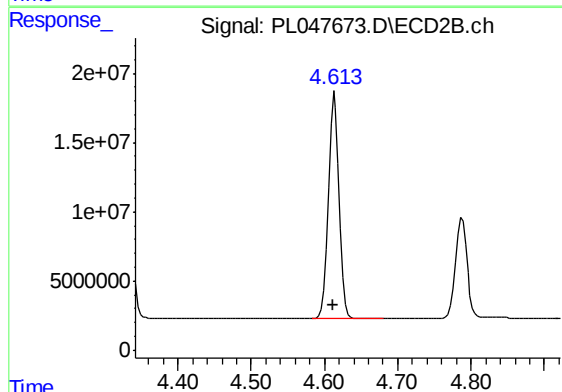
R.T.: 4.330 min  
Delta R.T.: 0.002 min  
Response: 181415144  
Conc: 48.73 ng/ml



#3 gamma-BHC (Lindane)

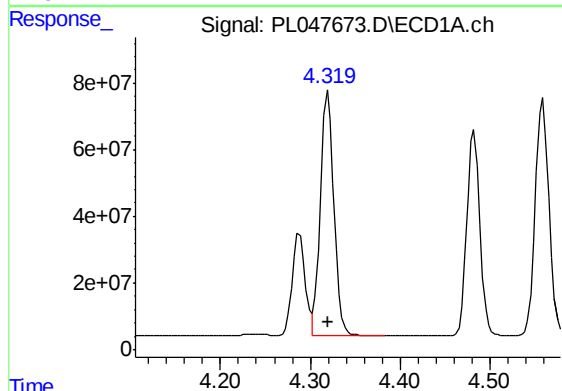
R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 735894506  
Conc: 60.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



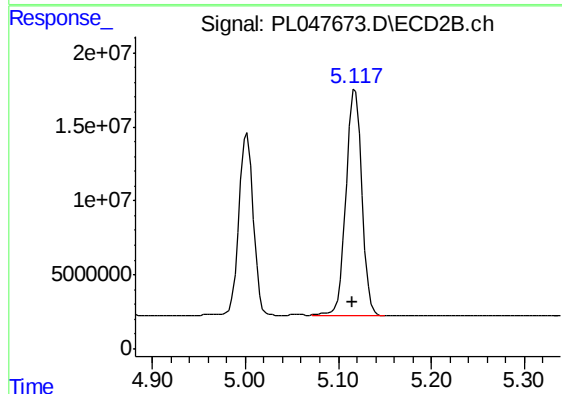
#3 gamma-BHC (Lindane)

R.T.: 4.614 min  
Delta R.T.: 0.003 min  
Response: 170090605  
Conc: 48.14 ng/ml



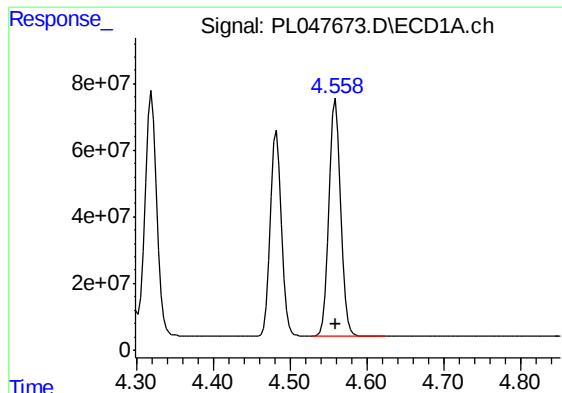
#4 Heptachlor

R.T.: 4.320 min  
Delta R.T.: 0.000 min  
Response: 772604986  
Conc: 57.97 ng/ml



#4 Heptachlor

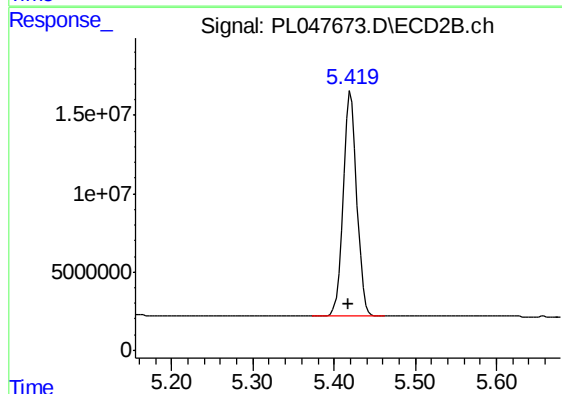
R.T.: 5.118 min  
Delta R.T.: 0.003 min  
Response: 178980094  
Conc: 48.58 ng/ml



#5 Aldrin

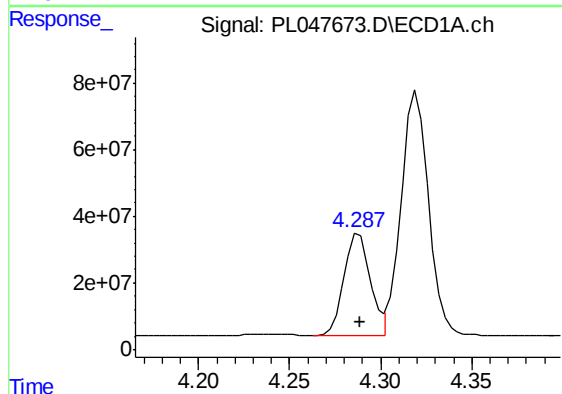
R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 756733805  
Conc: 61.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



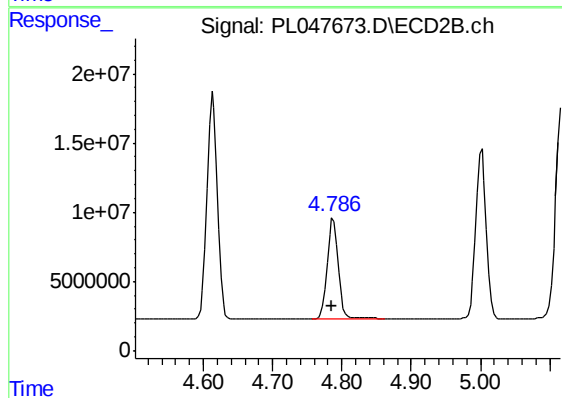
#5 Aldrin

R.T.: 5.421 min  
Delta R.T.: 0.003 min  
Response: 168171236  
Conc: 51.81 ng/ml



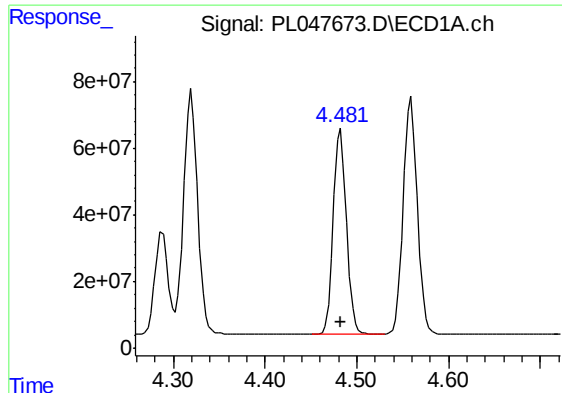
#6 beta-BHC

R.T.: 4.288 min  
Delta R.T.: 0.000 min  
Response: 304775528  
Conc: 55.63 ng/ml



#6 beta-BHC

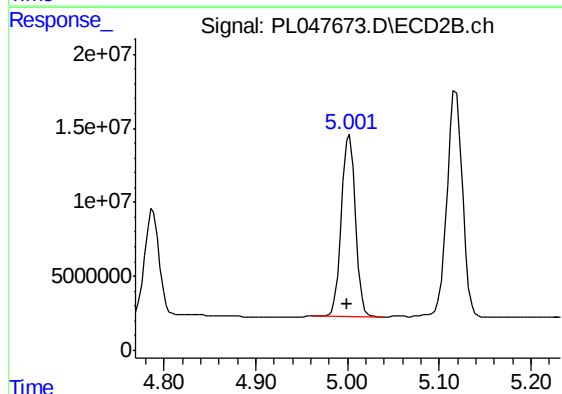
R.T.: 4.788 min  
Delta R.T.: 0.003 min  
Response: 81072609  
Conc: 48.87 ng/ml



#7 delta-BHC

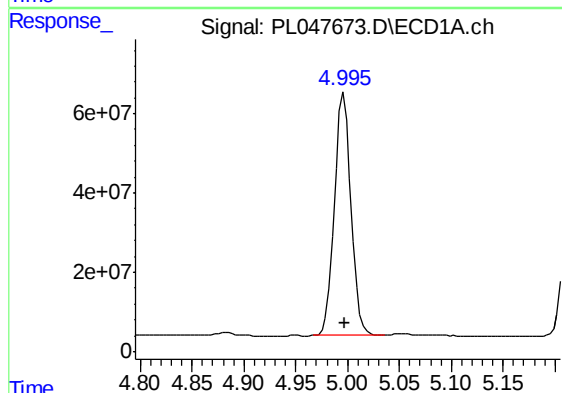
R.T.: 4.483 min  
Delta R.T.: 0.000 min  
Response: 624151290  
Conc: 50.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



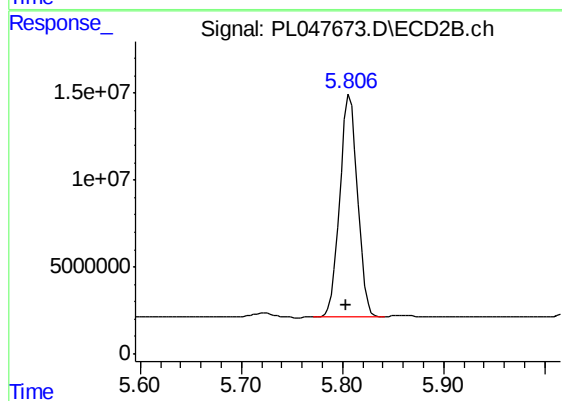
#7 delta-BHC

R.T.: 5.002 min  
Delta R.T.: 0.003 min  
Response: 129859919  
Conc: 48.39 ng/ml



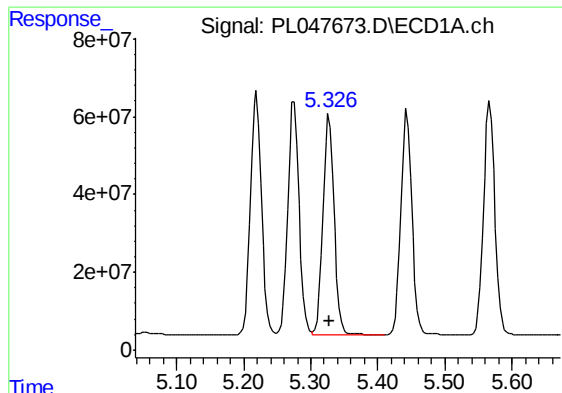
#8 Heptachlor epoxide

R.T.: 4.996 min  
Delta R.T.: 0.000 min  
Response: 685622711  
Conc: 58.56 ng/ml



#8 Heptachlor epoxide

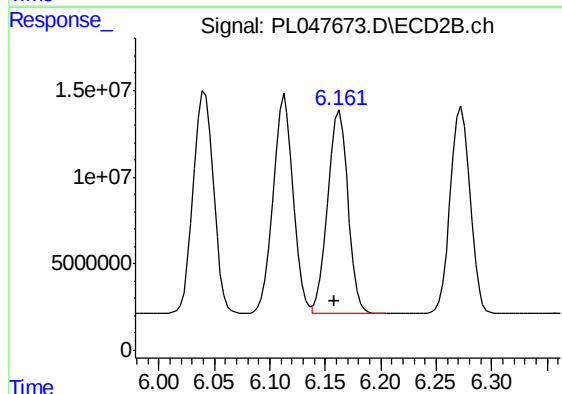
R.T.: 5.807 min  
Delta R.T.: 0.005 min  
Response: 154662703  
Conc: 55.87 ng/ml



#9 Endosulfan I

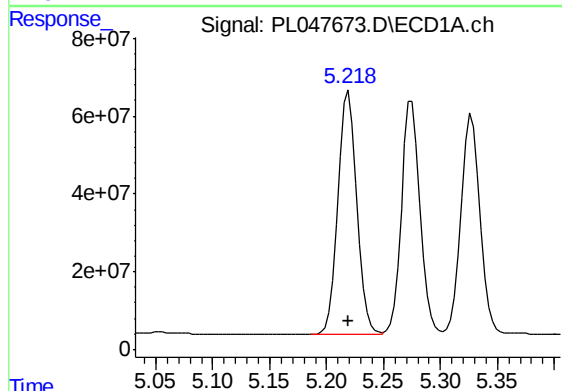
R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 652383896  
Conc: 58.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



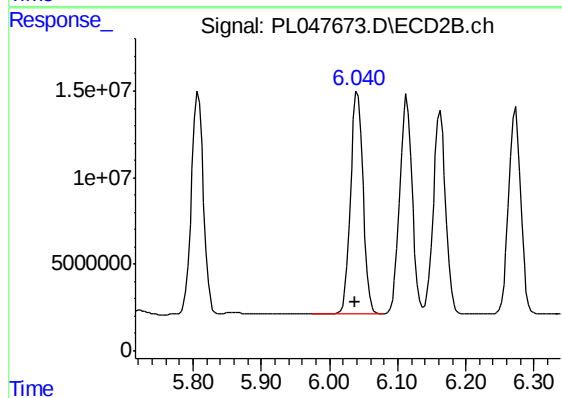
#9 Endosulfan I

R.T.: 6.163 min  
Delta R.T.: 0.005 min  
Response: 148859125  
Conc: 50.19 ng/ml



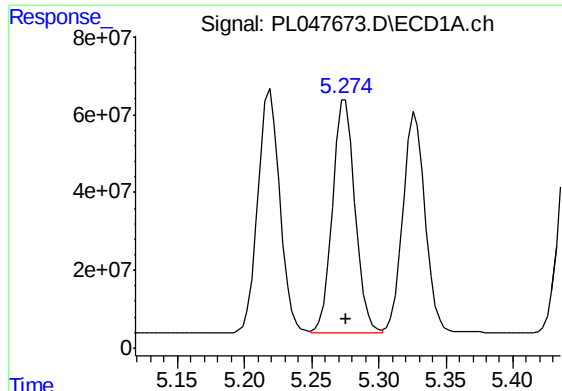
#10 gamma-Chlordane

R.T.: 5.219 min  
Delta R.T.: 0.000 min  
Response: 711133905  
Conc: 58.14 ng/ml



#10 gamma-Chlordane

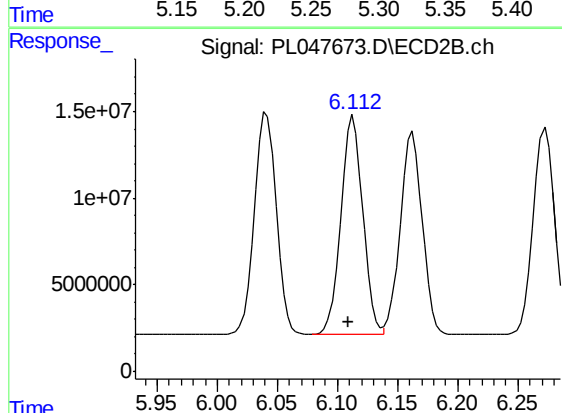
R.T.: 6.041 min  
Delta R.T.: 0.004 min  
Response: 162240764  
Conc: 51.32 ng/ml



#11 alpha-Chlordane

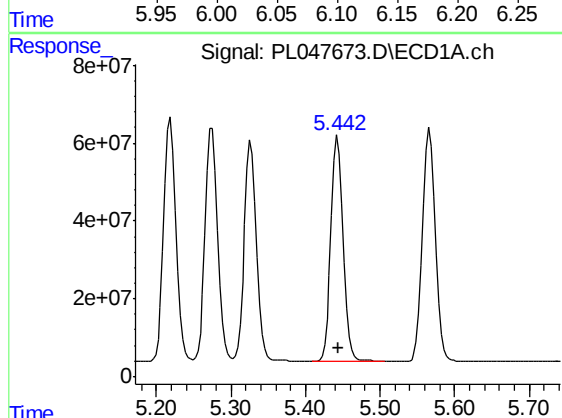
R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 694487018  
Conc: 57.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



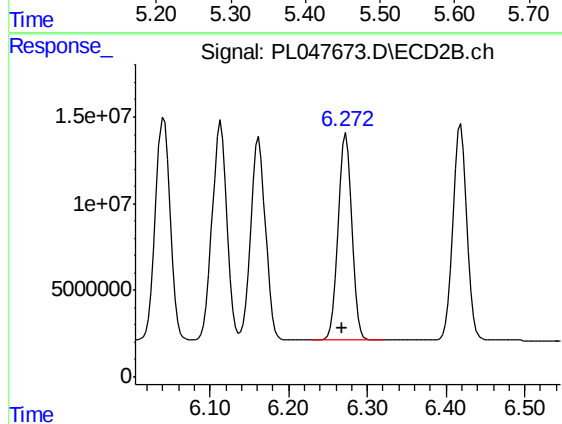
#11 alpha-Chlordane

R.T.: 6.113 min  
Delta R.T.: 0.004 min  
Response: 160215925  
Conc: 50.05 ng/ml



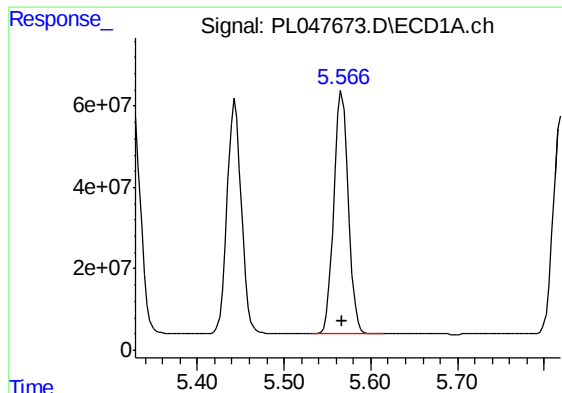
#12 4,4'-DDE

R.T.: 5.444 min  
Delta R.T.: 0.000 min  
Response: 661451455  
Conc: 56.88 ng/ml



#12 4,4'-DDE

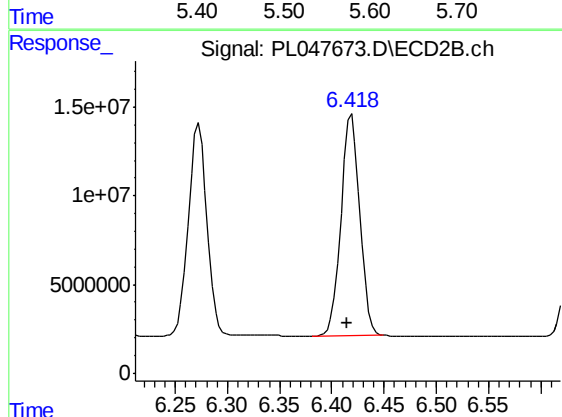
R.T.: 6.273 min  
Delta R.T.: 0.005 min  
Response: 148491501  
Conc: 49.99 ng/ml



#13 Dielddrin

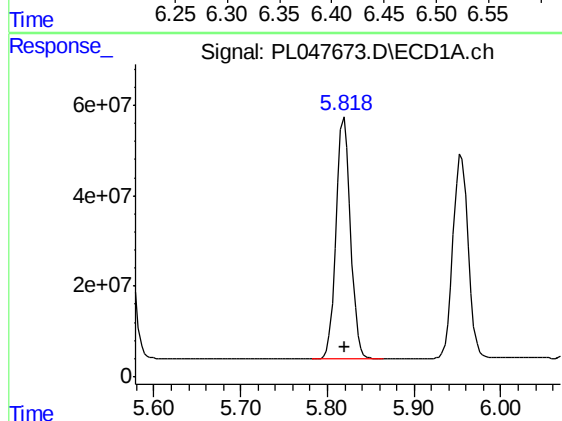
R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 696934677  
Conc: 58.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



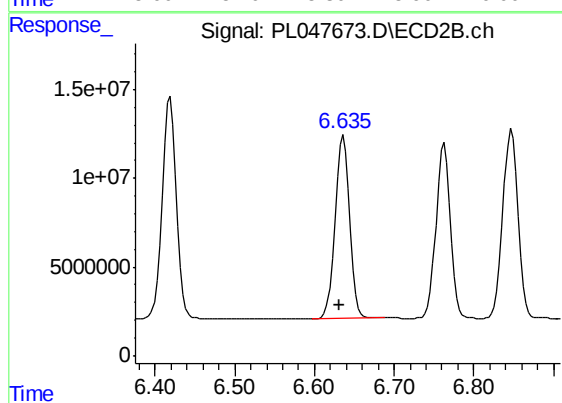
#13 Dielddrin

R.T.: 6.419 min  
Delta R.T.: 0.004 min  
Response: 156085060  
Conc: 50.66 ng/ml



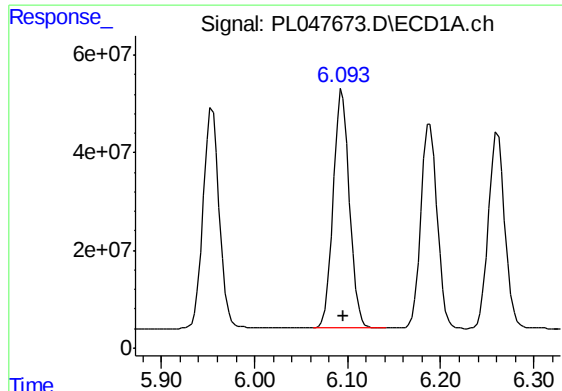
#14 Endrin

R.T.: 5.819 min  
Delta R.T.: -0.001 min  
Response: 622029498  
Conc: 55.08 ng/ml



#14 Endrin

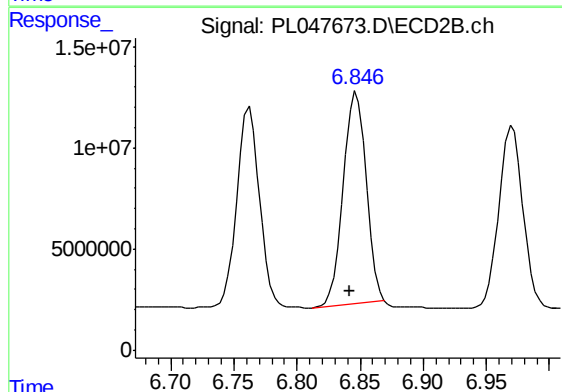
R.T.: 6.636 min  
Delta R.T.: 0.005 min  
Response: 133017262  
Conc: 48.20 ng/ml



#15 Endosulfan II

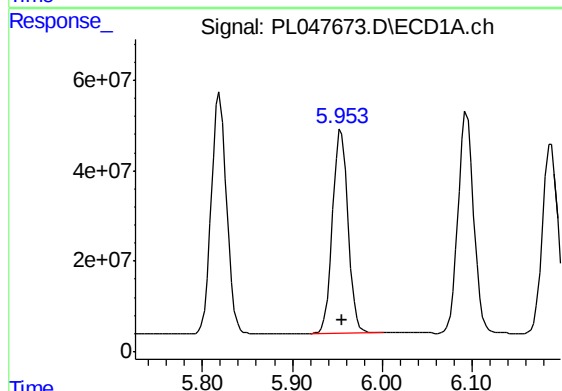
R.T.: 6.094 min  
Delta R.T.: 0.000 min  
Response: 593848803  
Conc: 56.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



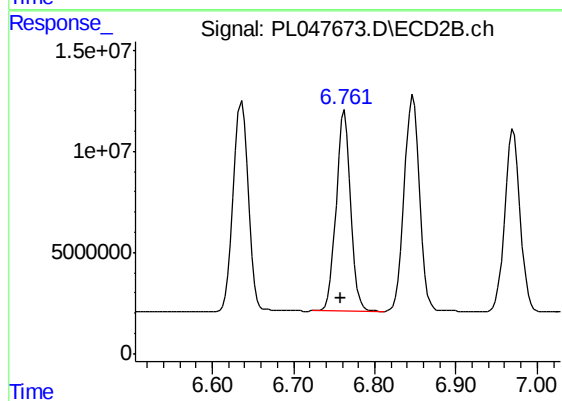
#15 Endosulfan II

R.T.: 6.847 min  
Delta R.T.: 0.005 min  
Response: 132675551  
Conc: 47.84 ng/ml



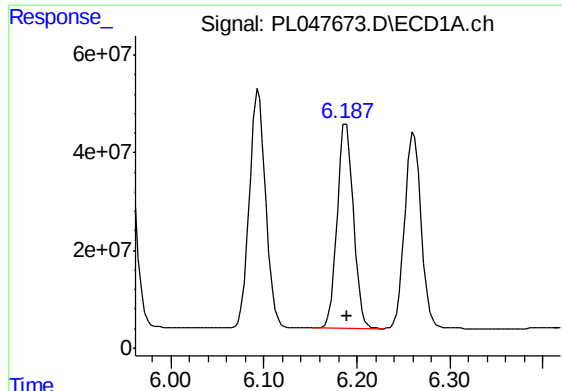
#16 4,4'-DDD

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 539270406  
Conc: 59.40 ng/ml



#16 4,4'-DDD

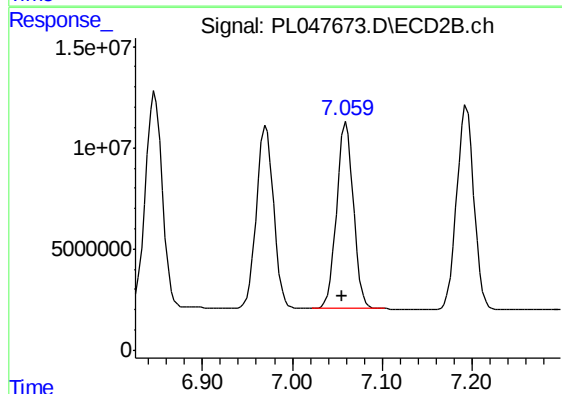
R.T.: 6.763 min  
Delta R.T.: 0.005 min  
Response: 123567805  
Conc: 51.97 ng/ml



#17 4,4'-DDT

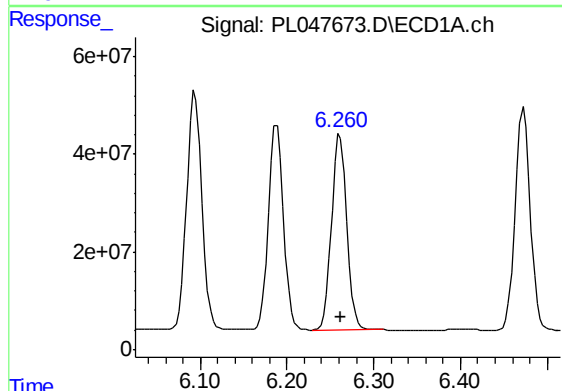
R.T.: 6.189 min  
Delta R.T.: -0.002 min  
Response: 510050809  
Conc: 58.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



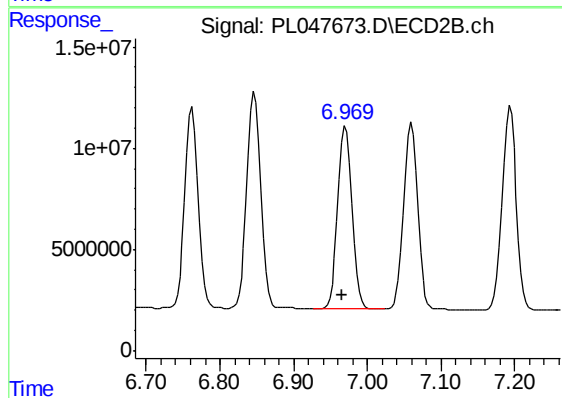
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.005 min  
Response: 119765692  
Conc: 48.19 ng/ml



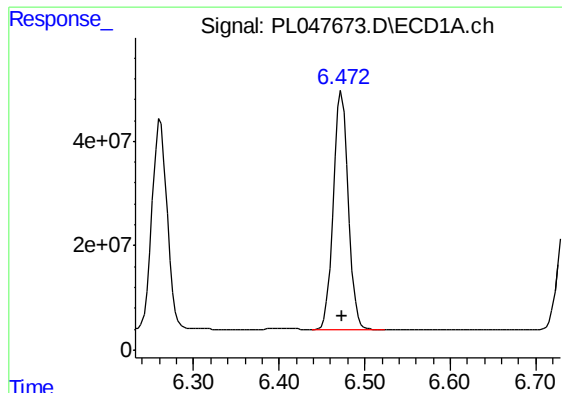
#18 Endrin aldehyde

R.T.: 6.261 min  
Delta R.T.: -0.001 min  
Response: 489963088  
Conc: 55.67 ng/ml



#18 Endrin aldehyde

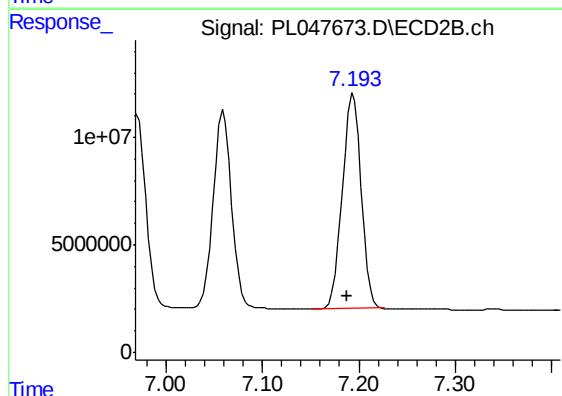
R.T.: 6.971 min  
Delta R.T.: 0.004 min  
Response: 119666424  
Conc: 49.19 ng/ml



#19 Endosulfan Sulfate

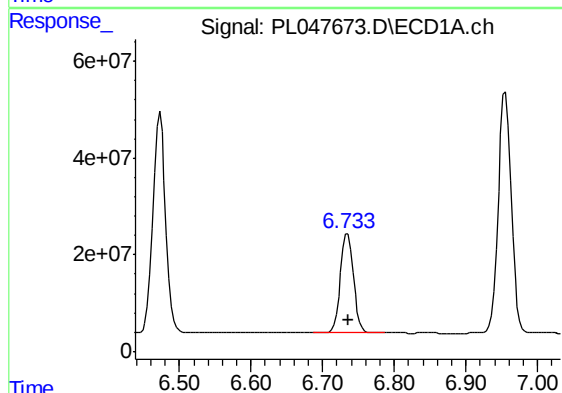
R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 555226498  
Conc: 57.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



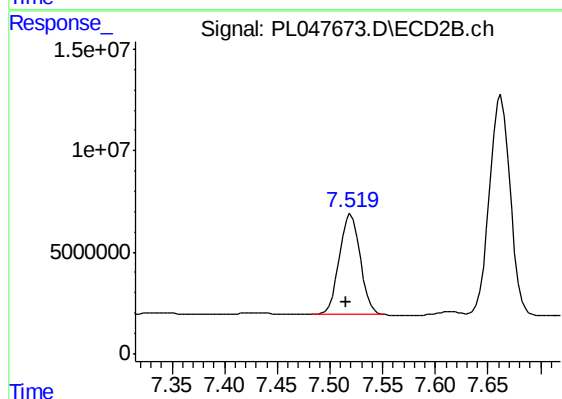
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: 0.006 min  
Response: 133844415  
Conc: 50.18 ng/ml



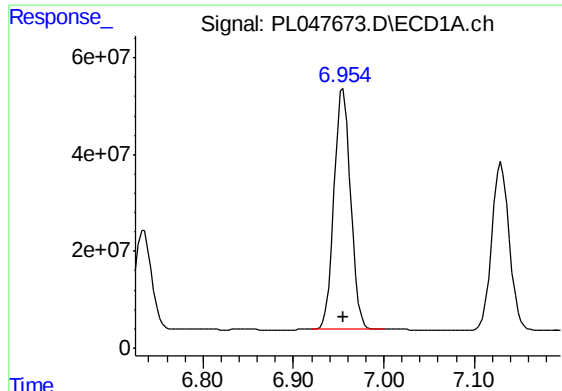
#20 Methoxychlor

R.T.: 6.735 min  
Delta R.T.: -0.001 min  
Response: 260414104  
Conc: 54.28 ng/ml



#20 Methoxychlor

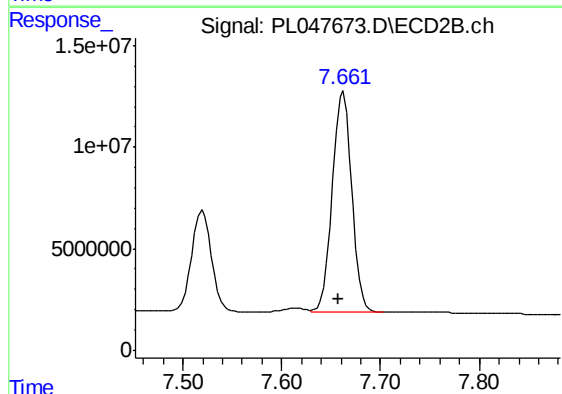
R.T.: 7.520 min  
Delta R.T.: 0.005 min  
Response: 67976811  
Conc: 47.11 ng/ml



#21 Endrin ketone

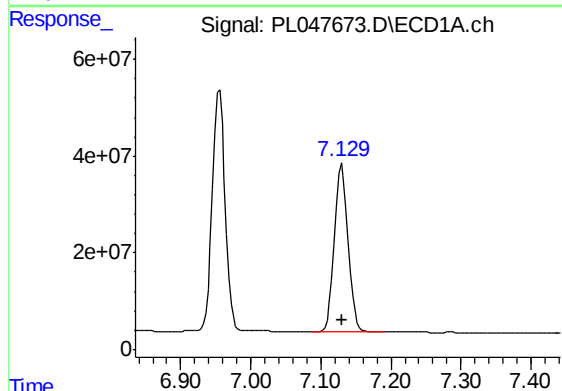
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 629238920  
Conc: 59.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



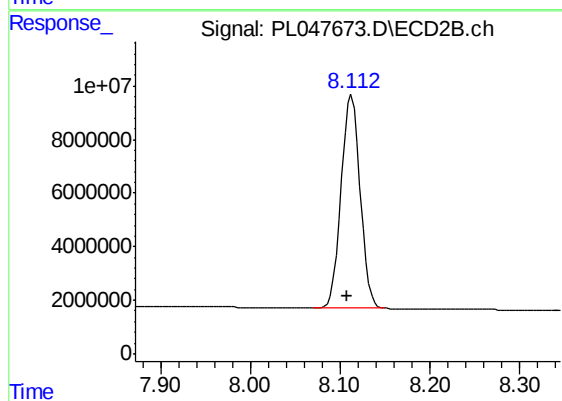
#21 Endrin ketone

R.T.: 7.663 min  
Delta R.T.: 0.005 min  
Response: 148000430  
Conc: 52.33 ng/ml



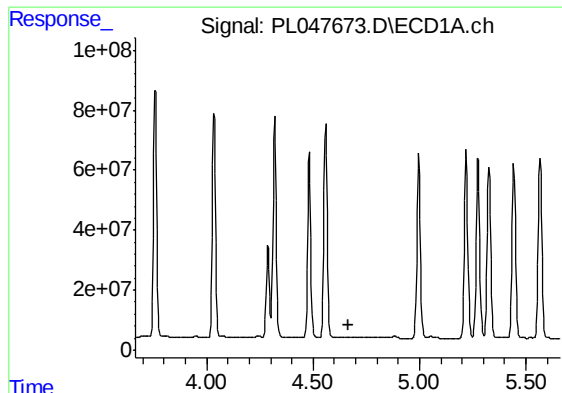
#22 Mirex

R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 472504074  
Conc: 58.45 ng/ml



#22 Mirex

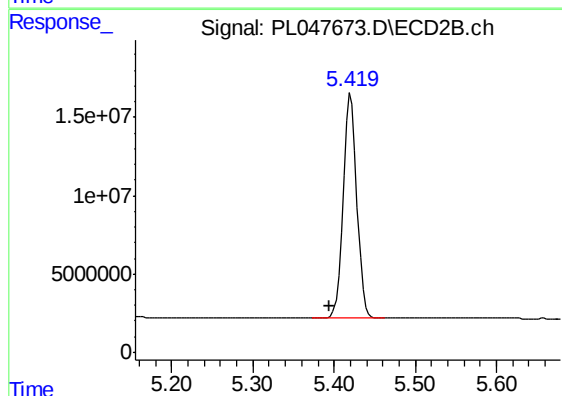
R.T.: 8.113 min  
Delta R.T.: 0.005 min  
Response: 117311783  
Conc: 51.61 ng/ml



#24 Chlordane-2

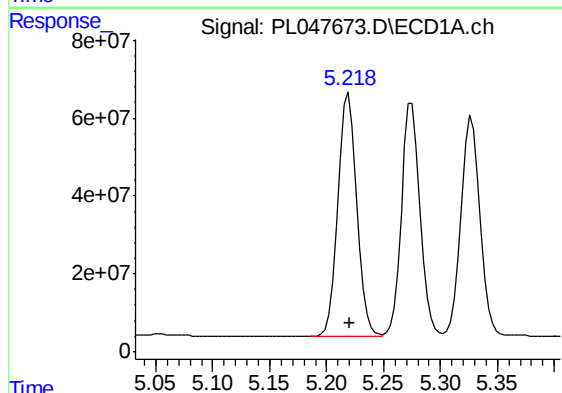
R.T.: 0.000 min  
Exp R.T.: 4.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



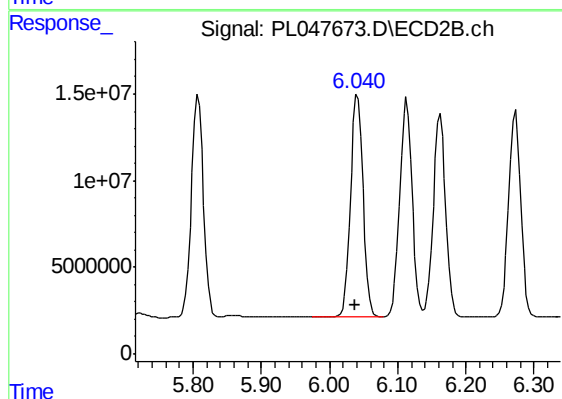
#24 Chlordane-2

R.T.: 5.421 min  
Delta R.T.: 0.027 min  
Response: 168171236  
Conc: 1407.70 ng/ml



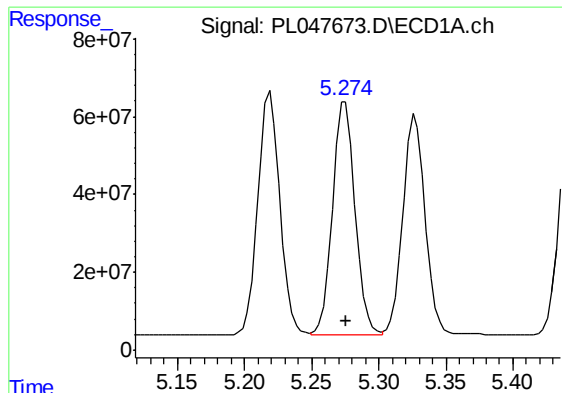
#25 Chlordane-3

R.T.: 5.219 min  
Delta R.T.: -0.001 min  
Response: 711133905  
Conc: 518.66 ng/ml



#25 Chlordane-3

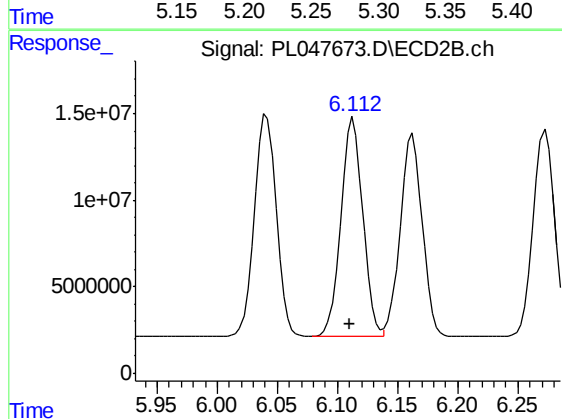
R.T.: 6.041 min  
Delta R.T.: 0.004 min  
Response: 162240764  
Conc: 404.39 ng/ml



#26 Chlordane-4

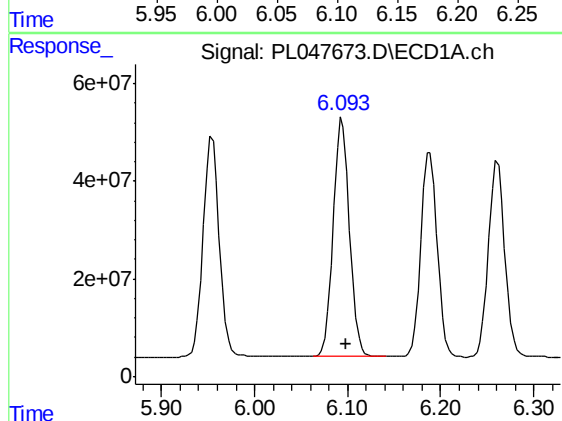
R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 694487018  
Conc: 547.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



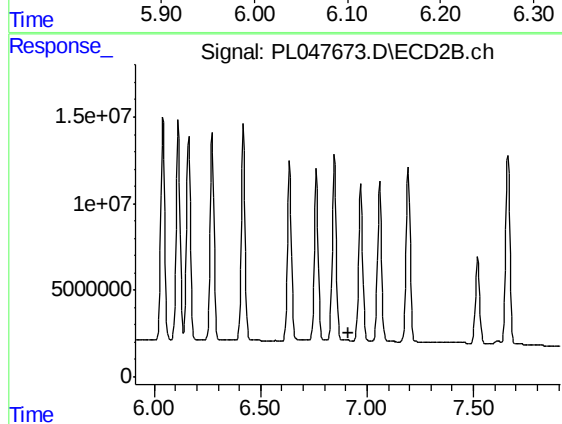
#26 Chlordane-4

R.T.: 6.113 min  
Delta R.T.: 0.003 min  
Response: 160215925  
Conc: 339.14 ng/ml



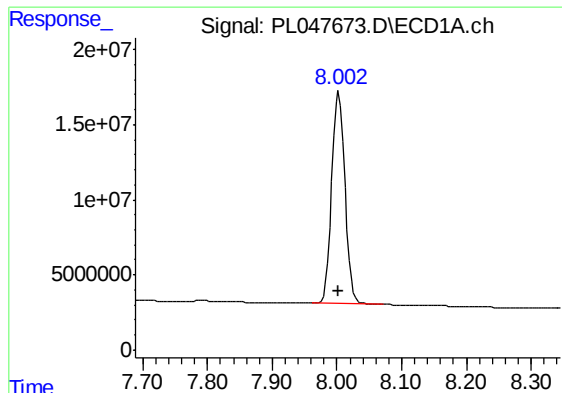
#27 Chlordane-5

R.T.: 6.094 min  
Delta R.T.: -0.004 min  
Response: 593848803  
Conc: 1521.49 ng/ml



#27 Chlordane-5

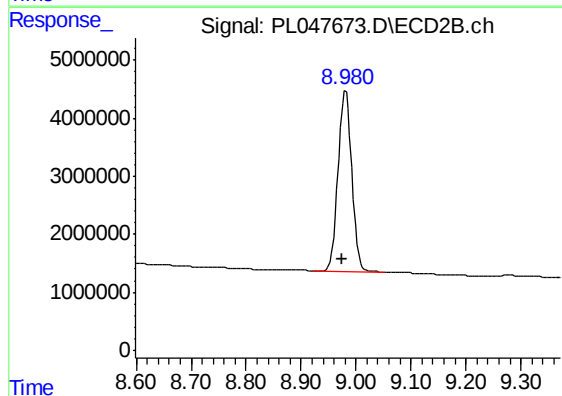
R.T.: 0.000 min  
Exp R.T. : 6.912 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.003 min  
Delta R.T.: 0.000 min  
Response: 199523022  
Conc: 19.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119151BS



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.007 min  
Response: 54193247  
Conc: 17.85 ng/ml