

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092718\  
 Data File : PL040438.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Sep 2018 15:45  
 Operator : AJ\SJ  
 Sample : PB113239BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 02:32:44 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.211 | 3.807 | 153.7E6 | 63076154 | 20.997   | 19.975     |
| 28)                         | SA Decachlor... | 7.815 | 8.731 | 211.3E6 | 66219308 | 22.232   | 20.910     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.633 | 4.178 | 601.8E6 | 231.4E6  | 51.431   | 48.806     |
| 3)                          | MA gamma-BHC... | 3.903 | 4.452 | 547.7E6 | 211.5E6  | 50.379   | 46.613     |
| 4)                          | MA Heptachlor   | 4.176 | 4.950 | 585.6E6 | 208.5E6  | 49.768   | 49.088     |
| 5)                          | MB Aldrin       | 4.409 | 5.247 | 551.9E6 | 201.8E6  | 52.230   | 47.826     |
| 6)                          | B beta-BHC      | 4.156 | 4.615 | 210.1E6 | 93743168 | 49.778   | 46.916     |
| 7)                          | B delta-BHC     | 4.342 | 4.823 | 579.9E6 | 215.1E6  | 51.963   | 46.608     |
| 8)                          | B Heptachlo...  | 4.839 | 5.623 | 519.9E6 | 183.9E6  | 50.222   | 47.896     |
| 9)                          | A Endosulfan I  | 5.163 | 5.970 | 491.2E6 | 169.5E6  | 48.730   | 45.558     |
| 10)                         | B gamma-Chl...  | 5.057 | 5.853 | 550.2E6 | 188.5E6  | 50.661   | 47.697     |
| 11)                         | B alpha-Chl...  | 5.113 | 5.925 | 526.4E6 | 184.7E6  | 50.250   | 47.058     |
| 12)                         | B 4,4'-DDE      | 5.282 | 6.084 | 555.3E6 | 184.8E6  | 50.241   | 45.895     |
| 13)                         | MA Dieldrin     | 5.399 | 6.222 | 541.5E6 | 179.5E6  | 49.437   | 46.974     |
| 14)                         | MA Endrin       | 5.648 | 6.433 | 458.6E6 | 137.2E6  | 46.168   | 41.999     |
| 15)                         | B Endosulfa...  | 5.922 | 6.637 | 491.9E6 | 154.5E6  | 49.371   | 44.203     |
| 16)                         | A 4,4'-DDD      | 5.788 | 6.562 | 444.4E6 | 141.8E6  | 48.143   | 44.639     |
| 17)                         | MA 4,4'-DDT     | 6.019 | 6.858 | 397.1E6 | 140.2E6  | 49.101   | 45.998     |
| 18)                         | B Endrin al...  | 6.088 | 6.759 | 411.4E6 | 139.4E6  | 48.994   | 46.564     |
| 19)                         | B Endosulfa...  | 6.298 | 6.980 | 465.8E6 | 149.0E6  | 48.665   | 46.336     |
| 20)                         | A Methoxychlor  | 6.564 | 7.314 | 224.8E6 | 67938532 | 46.532   | 44.581     |
| 21)                         | B Endrin ke...  | 6.774 | 7.438 | 583.1E6 | 156.0E6  | 53.740   | 50.740     |
| 23)                         | Chlordane-1     | 0.000 | 4.823 | 0       | 215.1E6  | N.D.     | 1393.990 # |
| 24)                         | Chlordane-2     | 0.000 | 5.247 | 0       | 201.8E6  | N.D.     | 1199.501 # |
| 25)                         | Chlordane-3     | 5.057 | 5.853 | 550.2E6 | 188.5E6  | 428.302  | 337.963    |
| 26)                         | Chlordane-4     | 5.113 | 5.925 | 526.4E6 | 184.7E6  | 444.296  | 279.830 #  |
| 27)                         | Chlordane-5     | 5.922 | 6.759 | 491.9E6 | 139.4E6  | 1218.517 | 1144.630   |
| -----                       |                 |       |       |         |          |          |            |

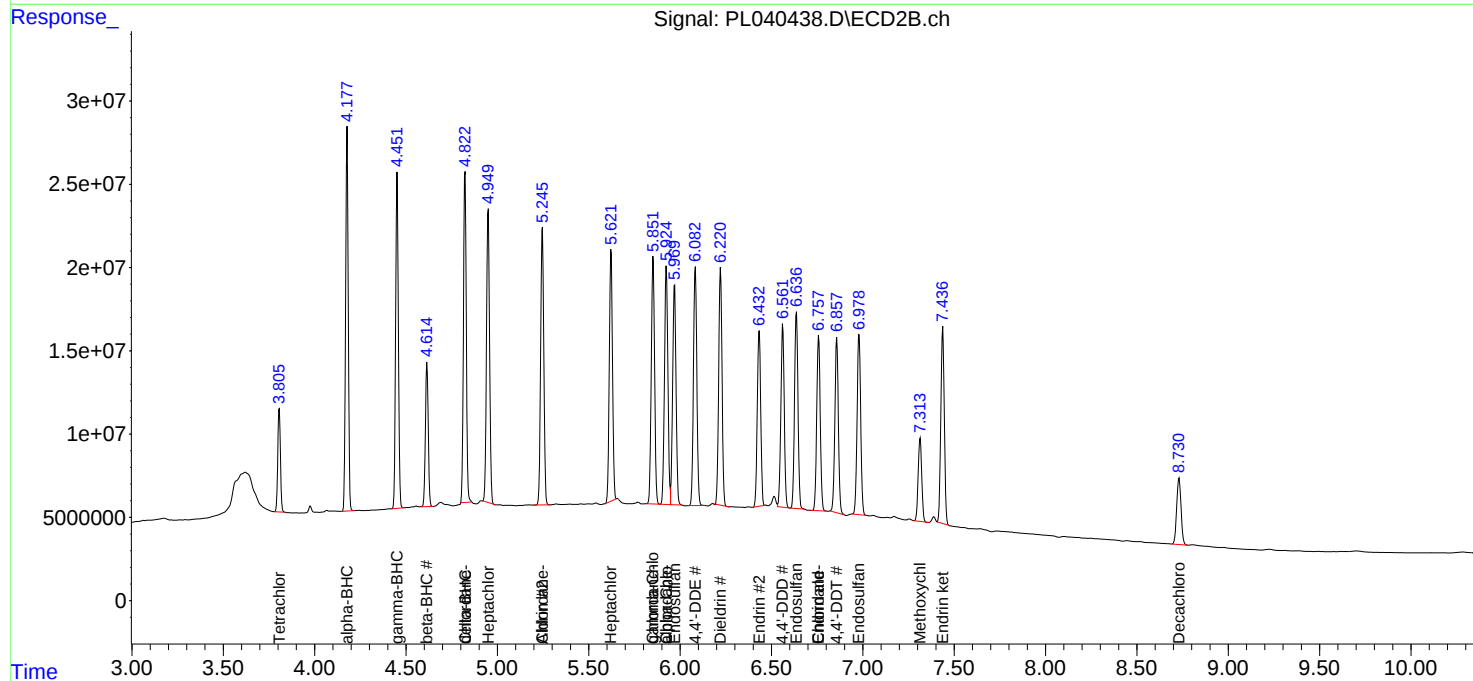
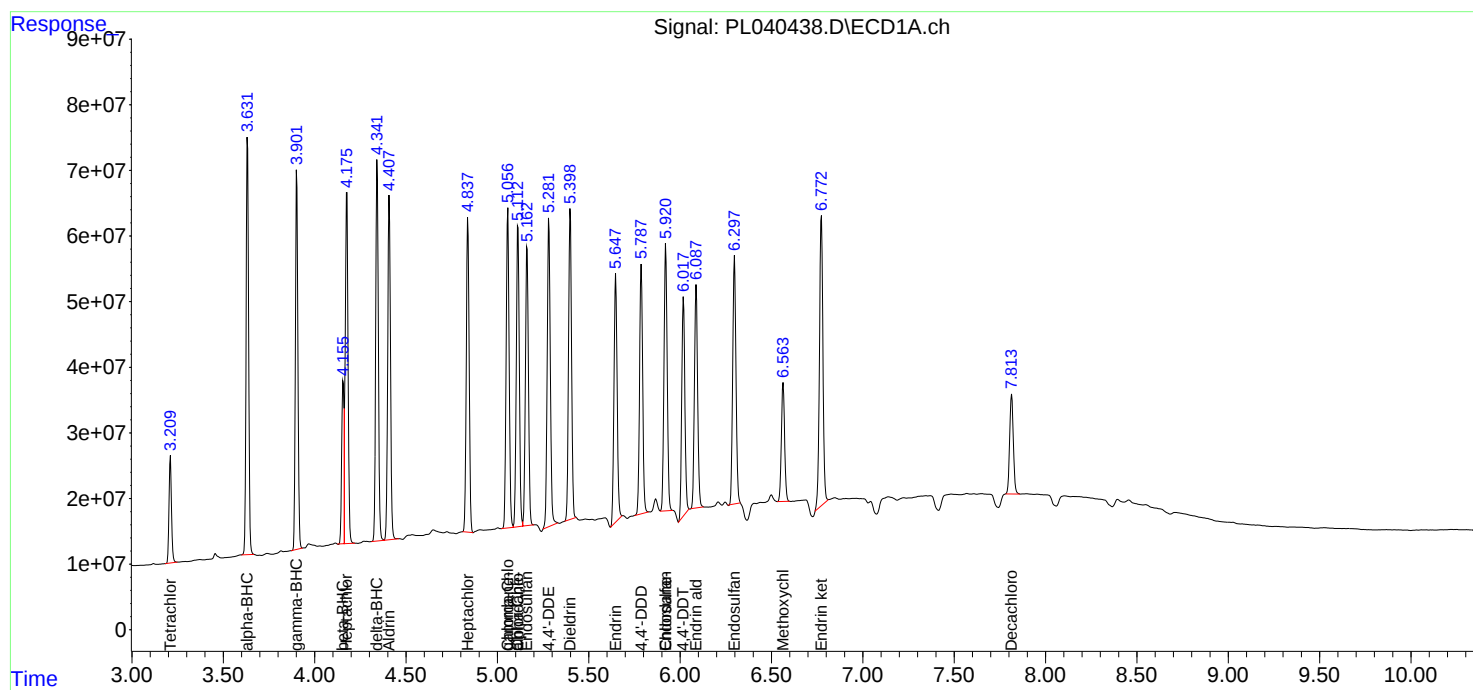
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

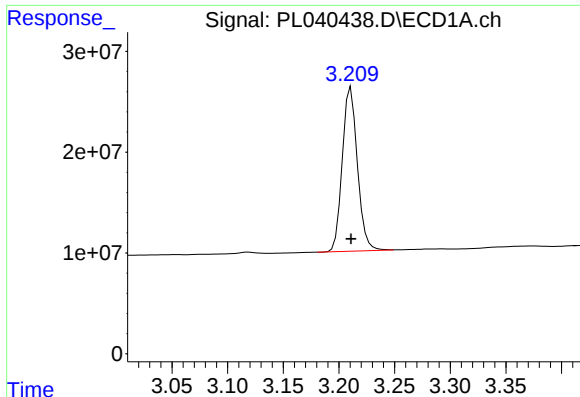
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092718\  
Data File : PL040438.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Sep 2018 15:45  
Operator : AJ\SJ  
Sample : PB113239BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 28 02:32:44 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

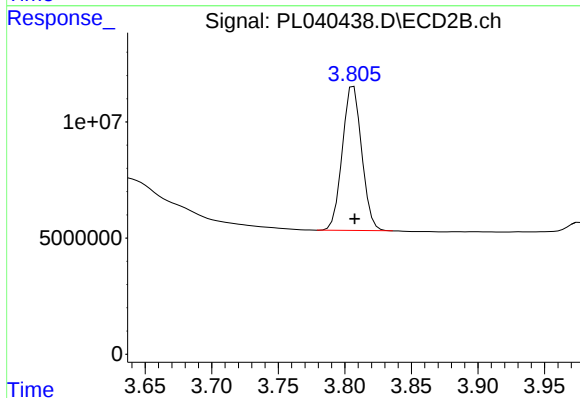




#1 Tetrachloro-m-xylene

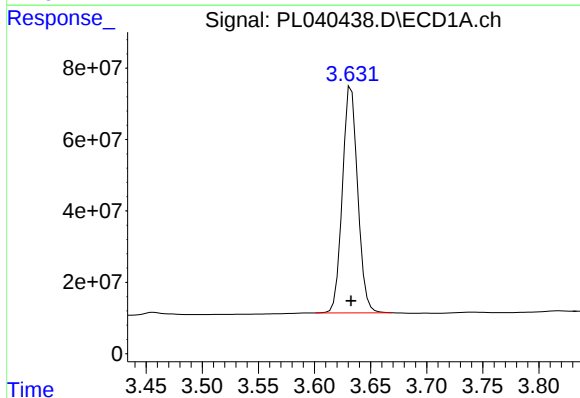
R.T.: 3.211 min  
Delta R.T.: 0.000 min  
Response: 153699345  
Conc: 21.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



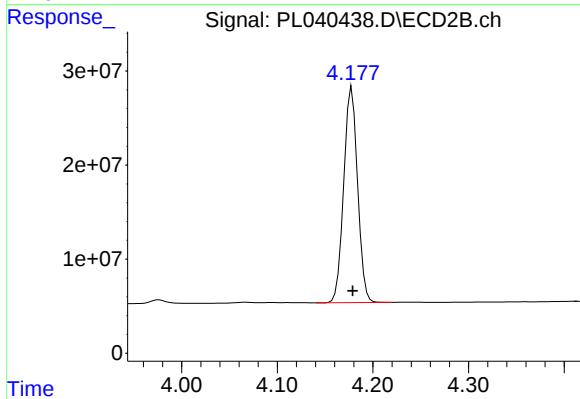
#1 Tetrachloro-m-xylene

R.T.: 3.807 min  
Delta R.T.: 0.000 min  
Response: 63076154  
Conc: 19.97 ng/ml



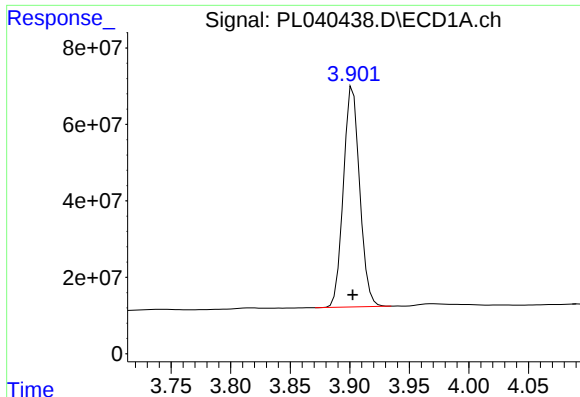
#2 alpha-BHC

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 601764865  
Conc: 51.43 ng/ml



#2 alpha-BHC

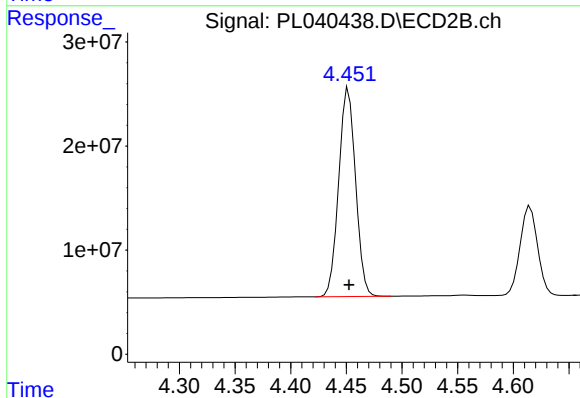
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 231397938  
Conc: 48.81 ng/ml



#3 gamma-BHC (Lindane)

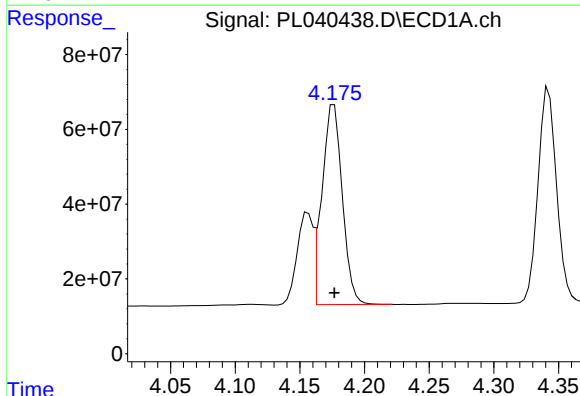
R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 547749058  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



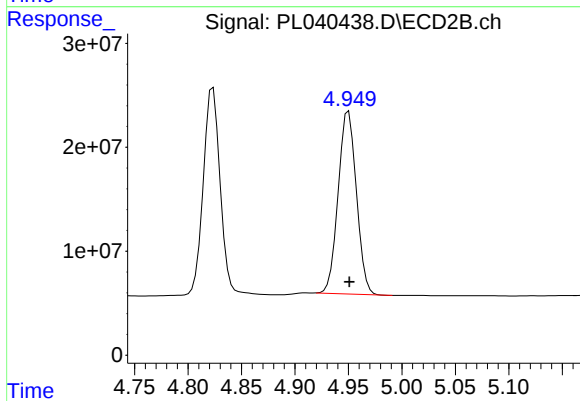
#3 gamma-BHC (Lindane)

R.T.: 4.452 min  
Delta R.T.: 0.000 min  
Response: 211538963  
Conc: 46.61 ng/ml



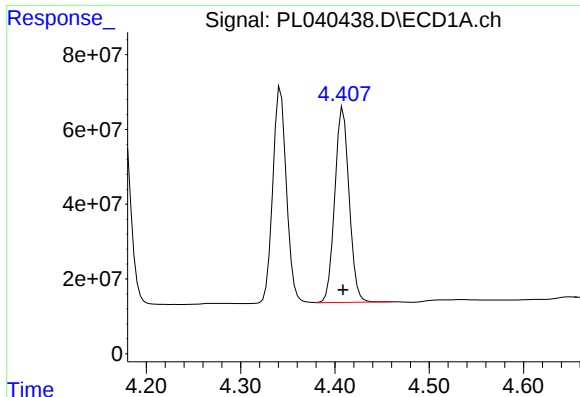
#4 Heptachlor

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 585616165  
Conc: 49.77 ng/ml



#4 Heptachlor

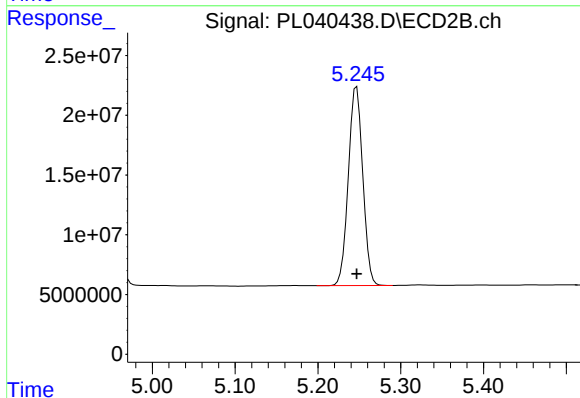
R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 208519817  
Conc: 49.09 ng/ml



#5 Aldrin

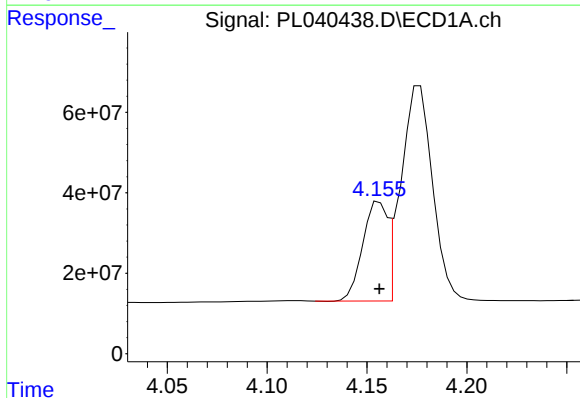
R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 551883666  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



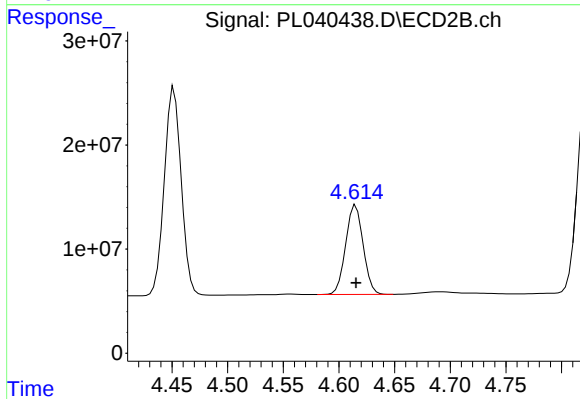
#5 Aldrin

R.T.: 5.247 min  
Delta R.T.: 0.000 min  
Response: 201837607  
Conc: 47.83 ng/ml



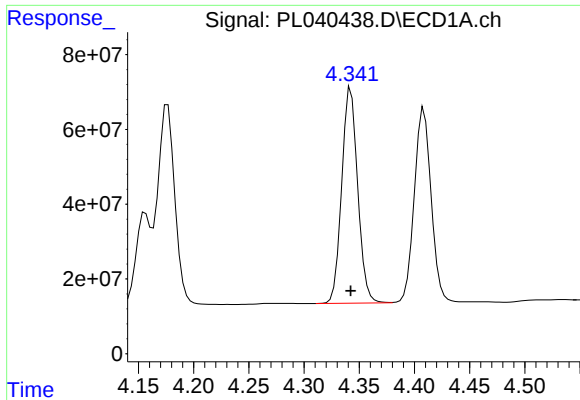
#6 beta-BHC

R.T.: 4.156 min  
Delta R.T.: 0.000 min  
Response: 210109525  
Conc: 49.78 ng/ml



#6 beta-BHC

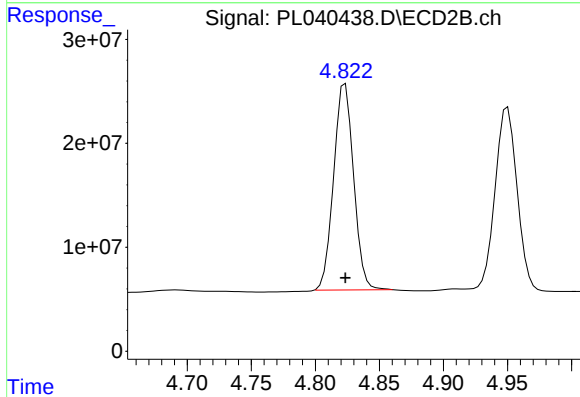
R.T.: 4.615 min  
Delta R.T.: 0.000 min  
Response: 93743168  
Conc: 46.92 ng/ml



#7 delta-BHC

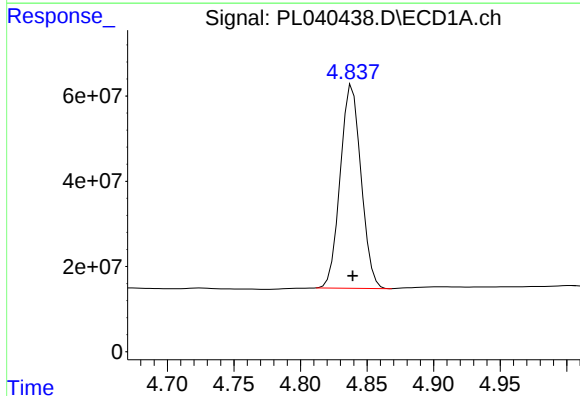
R.T.: 4.342 min  
Delta R.T.: 0.000 min  
Response: 579944666  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



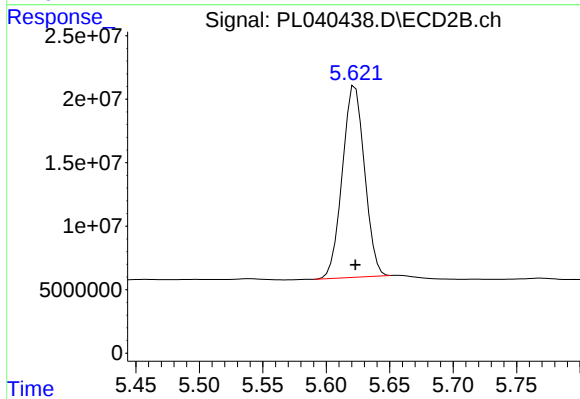
#7 delta-BHC

R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 215130837  
Conc: 46.61 ng/ml



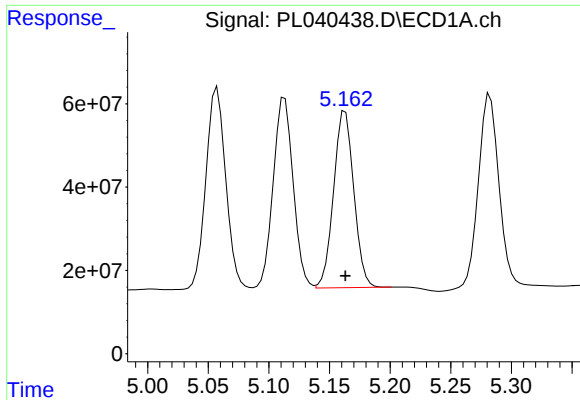
#8 Heptachlor epoxide

R.T.: 4.839 min  
Delta R.T.: 0.000 min  
Response: 519855639  
Conc: 50.22 ng/ml



#8 Heptachlor epoxide

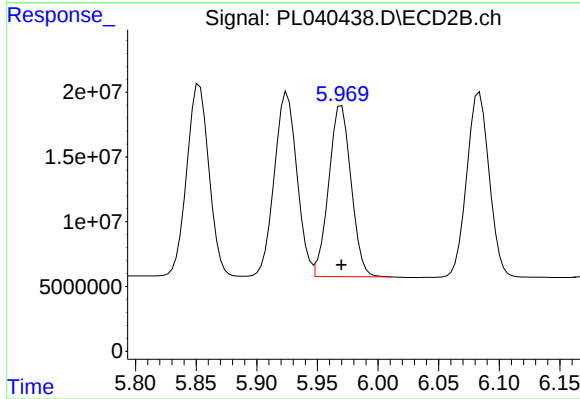
R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 183858201  
Conc: 47.90 ng/ml



#9 Endosulfan I

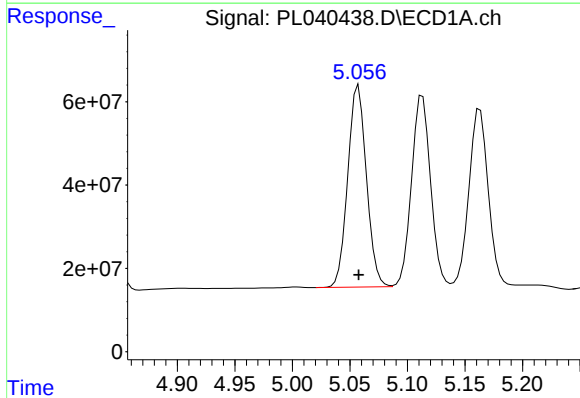
R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 491178185  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



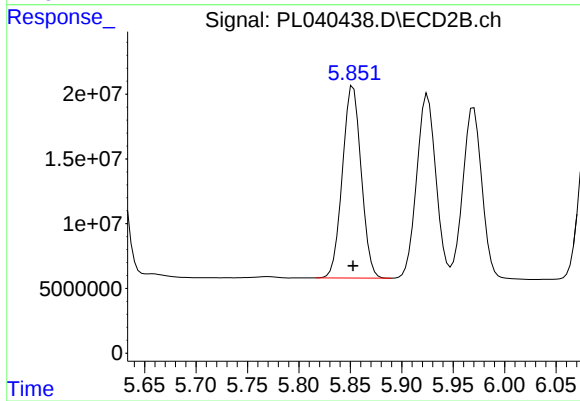
#9 Endosulfan I

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 169504135  
Conc: 45.56 ng/ml



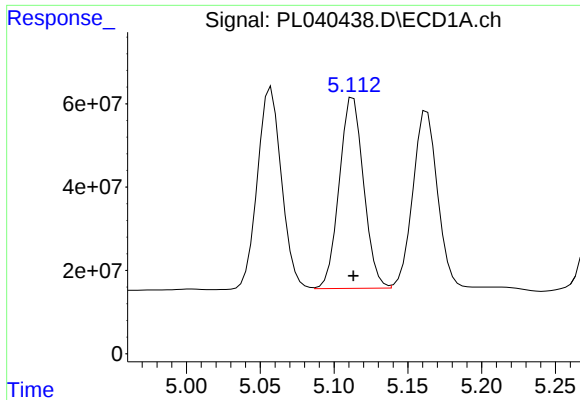
#10 gamma-Chlordane

R.T.: 5.057 min  
Delta R.T.: 0.000 min  
Response: 550171509  
Conc: 50.66 ng/ml



#10 gamma-Chlordane

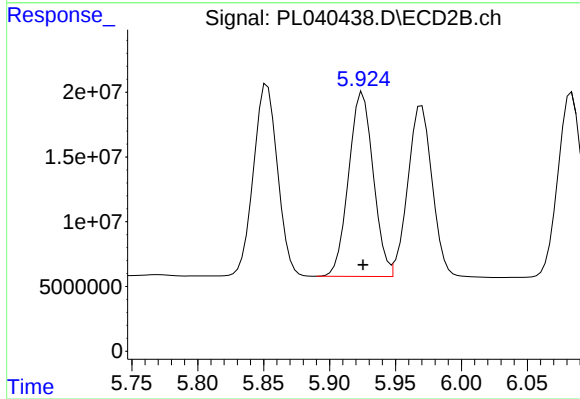
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 188486518  
Conc: 47.70 ng/ml



#11 alpha-Chlordane

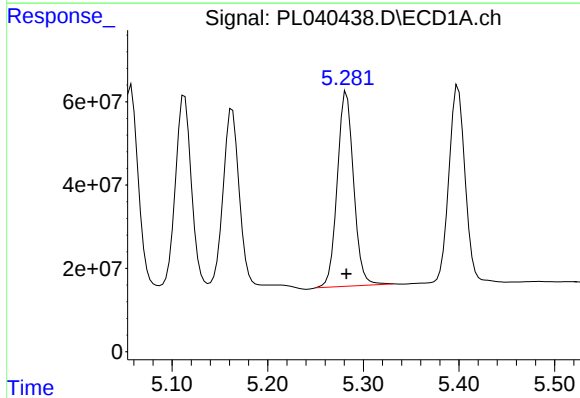
R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 526447996  
Conc: 50.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



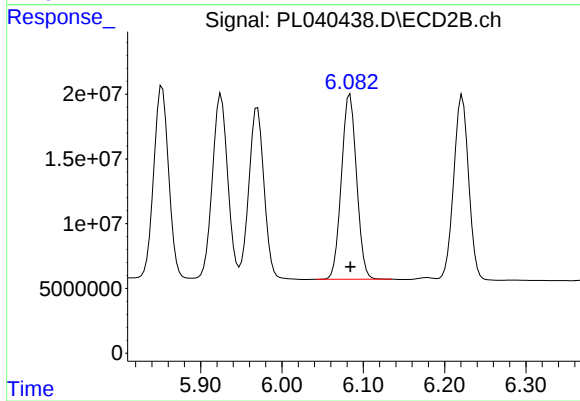
#11 alpha-Chlordane

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 184676961  
Conc: 47.06 ng/ml



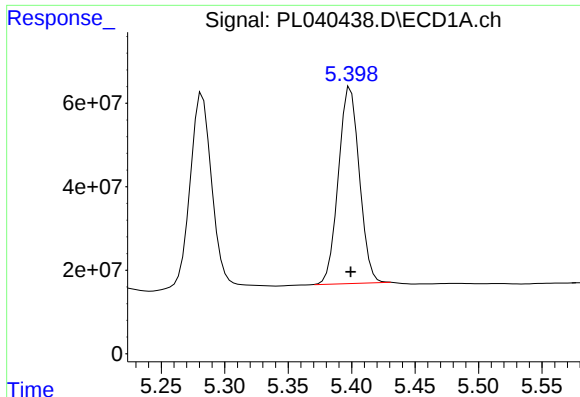
#12 4,4'-DDE

R.T.: 5.282 min  
Delta R.T.: 0.000 min  
Response: 555308102  
Conc: 50.24 ng/ml



#12 4,4'-DDE

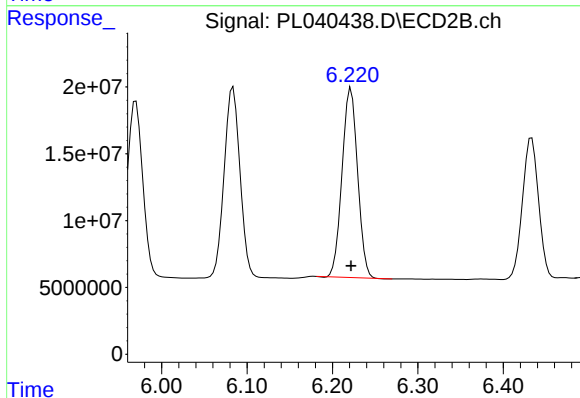
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 184791125  
Conc: 45.90 ng/ml



#13 Dieldrin

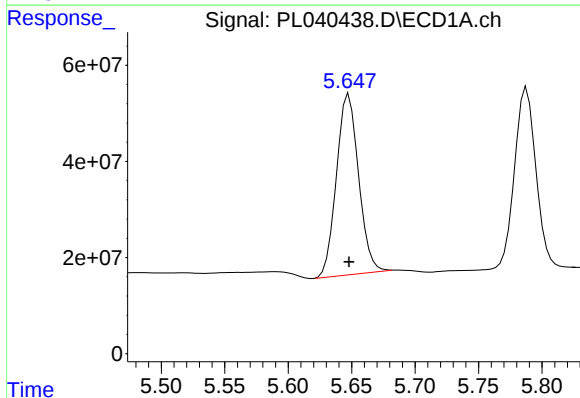
R.T.: 5.399 min  
Delta R.T.: 0.000 min  
Response: 541542908  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



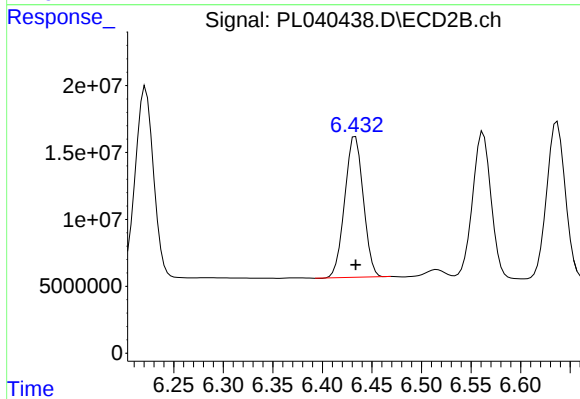
#13 Dieldrin

R.T.: 6.222 min  
Delta R.T.: 0.000 min  
Response: 179455262  
Conc: 46.97 ng/ml



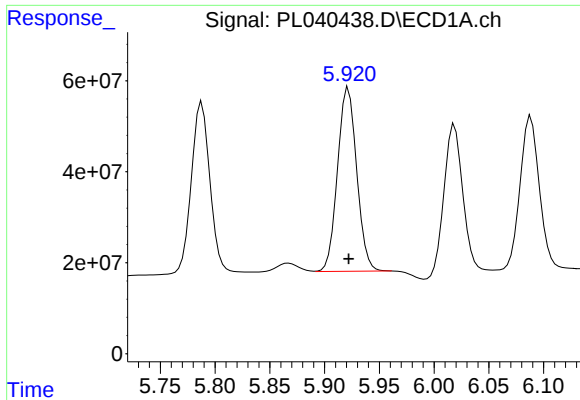
#14 Endrin

R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 458633650  
Conc: 46.17 ng/ml



#14 Endrin

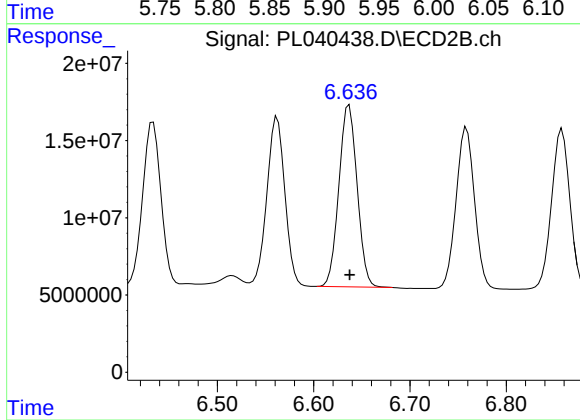
R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 137203381  
Conc: 42.00 ng/ml



#15 Endosulfan II

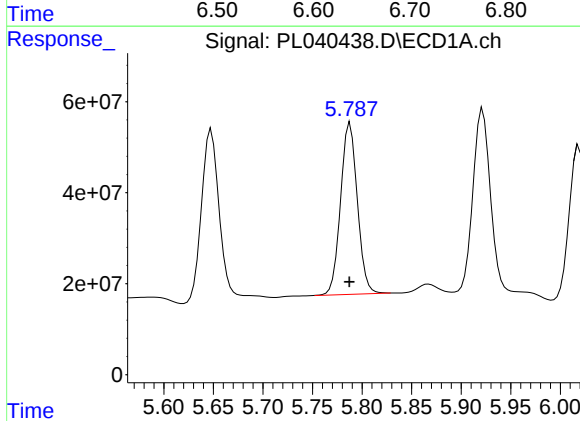
R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 491859513  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



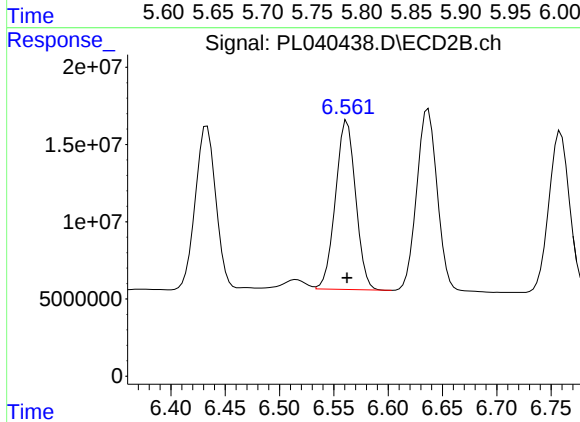
#15 Endosulfan II

R.T.: 6.637 min  
Delta R.T.: 0.000 min  
Response: 154520612  
Conc: 44.20 ng/ml



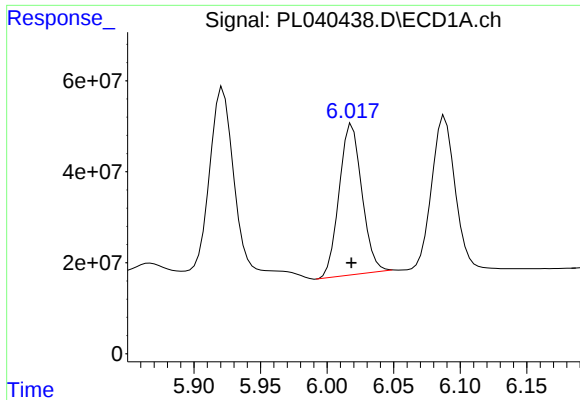
#16 4,4'-DDD

R.T.: 5.788 min  
Delta R.T.: 0.000 min  
Response: 444438639  
Conc: 48.14 ng/ml



#16 4,4'-DDD

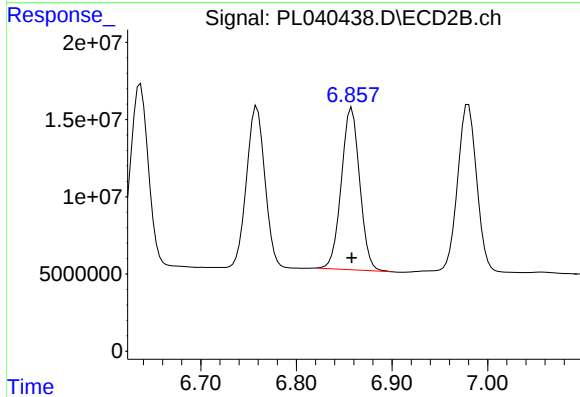
R.T.: 6.562 min  
Delta R.T.: 0.000 min  
Response: 141817506  
Conc: 44.64 ng/ml



#17 4,4'-DDT

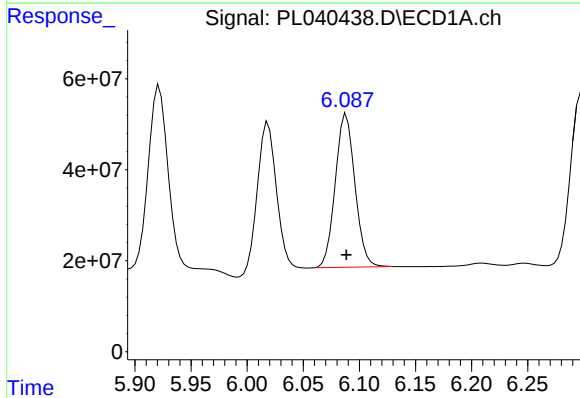
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 397067322  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



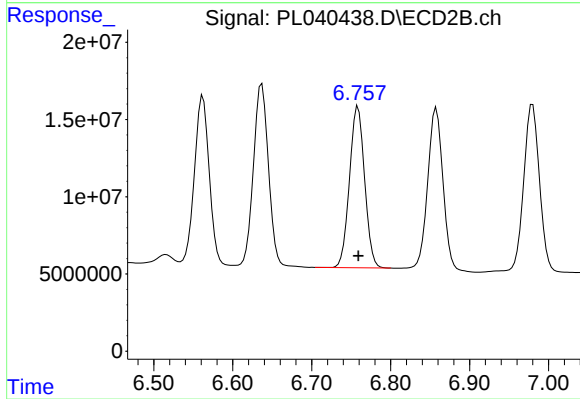
#17 4,4'-DDT

R.T.: 6.858 min  
Delta R.T.: 0.000 min  
Response: 140166816  
Conc: 46.00 ng/ml



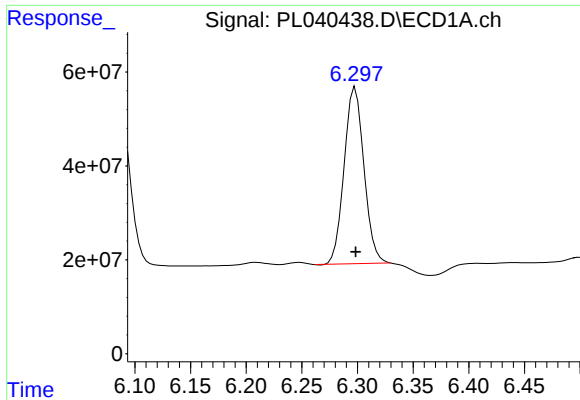
#18 Endrin aldehyde

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 411393942  
Conc: 48.99 ng/ml



#18 Endrin aldehyde

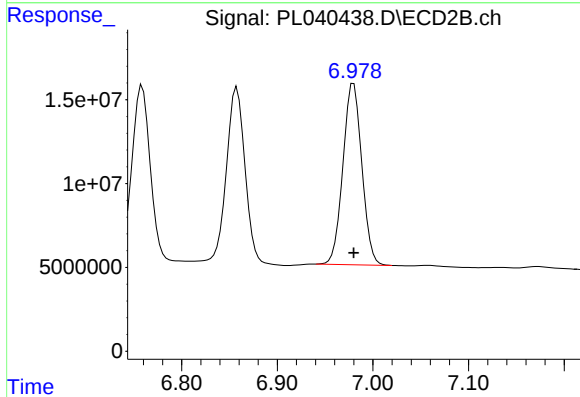
R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 139379430  
Conc: 46.56 ng/ml



#19 Endosulfan Sulfate

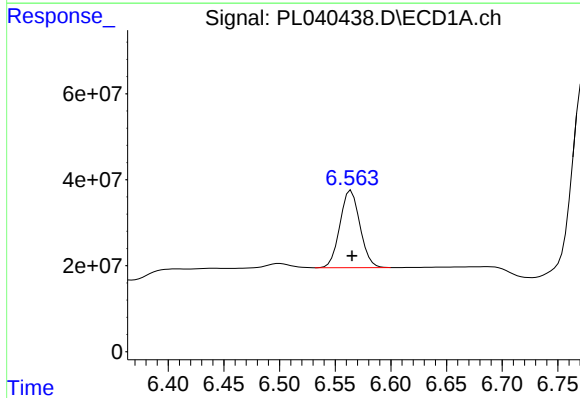
R.T.: 6.298 min  
Delta R.T.: 0.000 min  
Response: 465787850  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



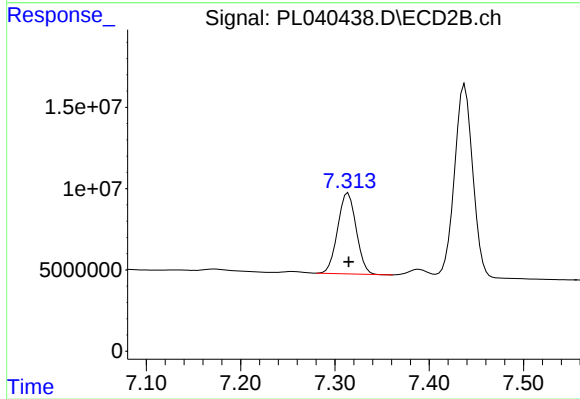
#19 Endosulfan Sulfate

R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 149038465  
Conc: 46.34 ng/ml



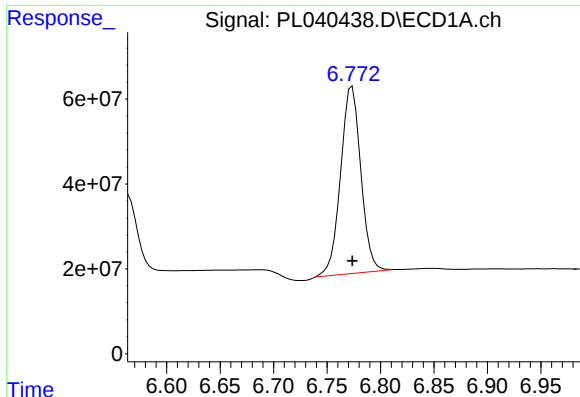
#20 Methoxychlor

R.T.: 6.564 min  
Delta R.T.: 0.000 min  
Response: 224764939  
Conc: 46.53 ng/ml



#20 Methoxychlor

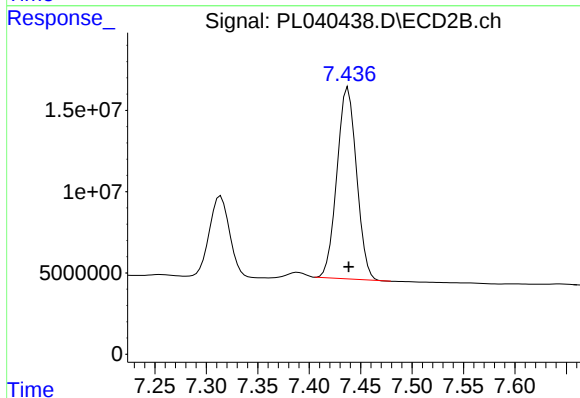
R.T.: 7.314 min  
Delta R.T.: 0.000 min  
Response: 67938532  
Conc: 44.58 ng/ml



#21 Endrin ketone

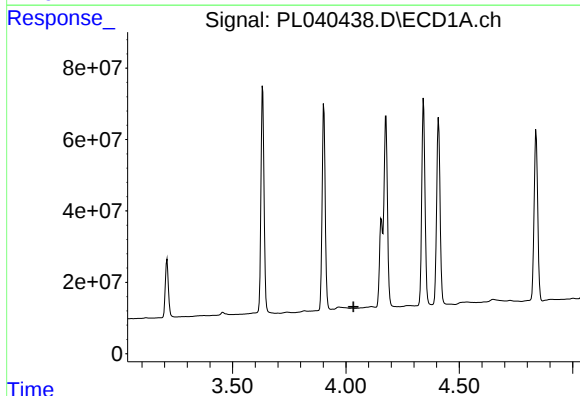
R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 583063264  
Conc: 53.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



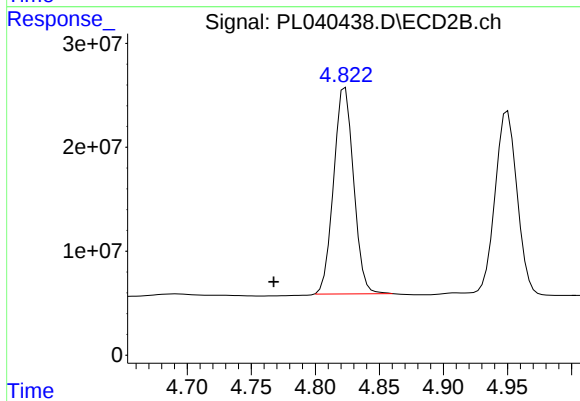
#21 Endrin ketone

R.T.: 7.438 min  
Delta R.T.: 0.000 min  
Response: 155981957  
Conc: 50.74 ng/ml



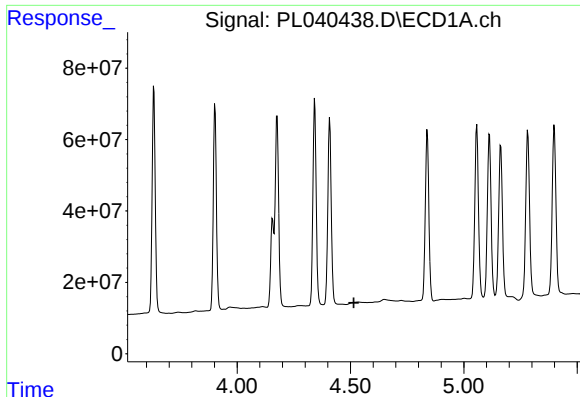
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.034 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

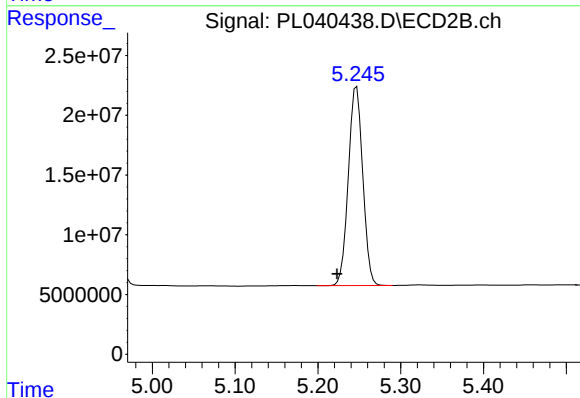
R.T.: 4.823 min  
Delta R.T.: 0.056 min  
Response: 215130837  
Conc: 1393.99 ng/ml



#24 Chlordane-2

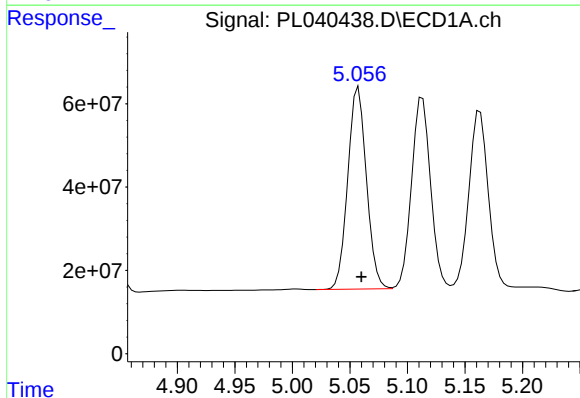
R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



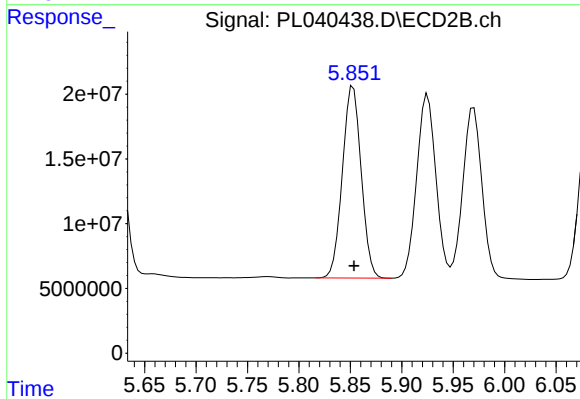
#24 Chlordane-2

R.T.: 5.247 min  
Delta R.T.: 0.024 min  
Response: 201837607  
Conc: 1199.50 ng/ml



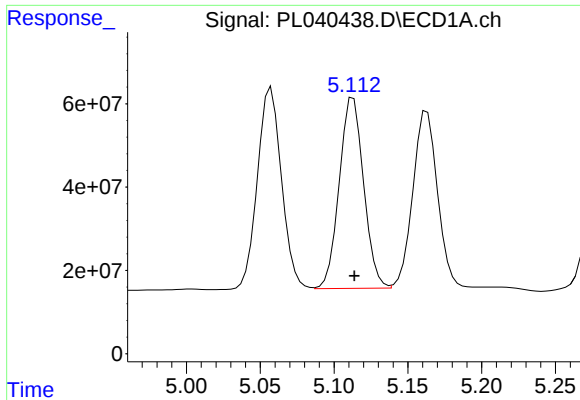
#25 Chlordane-3

R.T.: 5.057 min  
Delta R.T.: -0.002 min  
Response: 550171509  
Conc: 428.30 ng/ml



#25 Chlordane-3

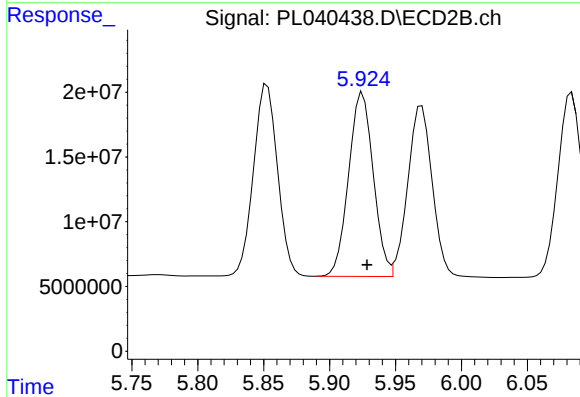
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 188486518  
Conc: 337.96 ng/ml



#26 Chlordane-4

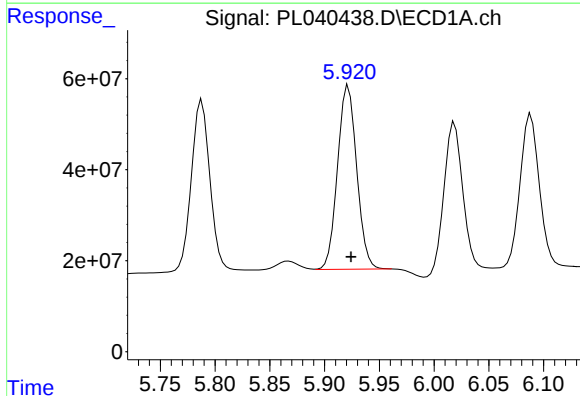
R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 526447996  
Conc: 444.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



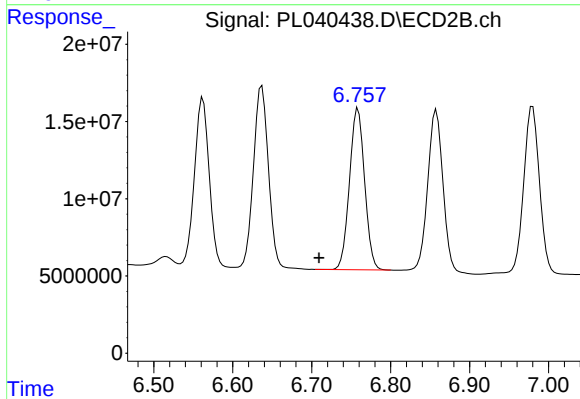
#26 Chlordane-4

R.T.: 5.925 min  
Delta R.T.: -0.003 min  
Response: 184676961  
Conc: 279.83 ng/ml



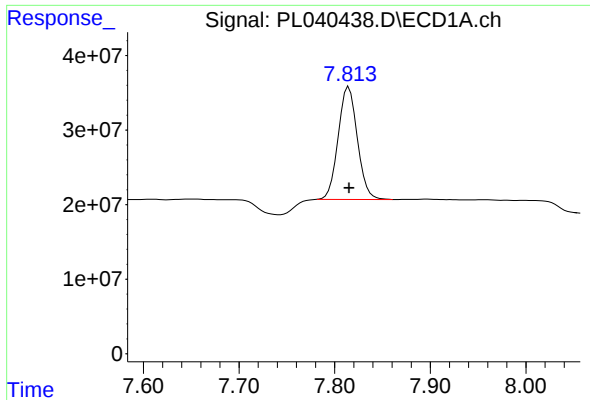
#27 Chlordane-5

R.T.: 5.922 min  
Delta R.T.: -0.002 min  
Response: 491859513  
Conc: 1218.52 ng/ml



#27 Chlordane-5

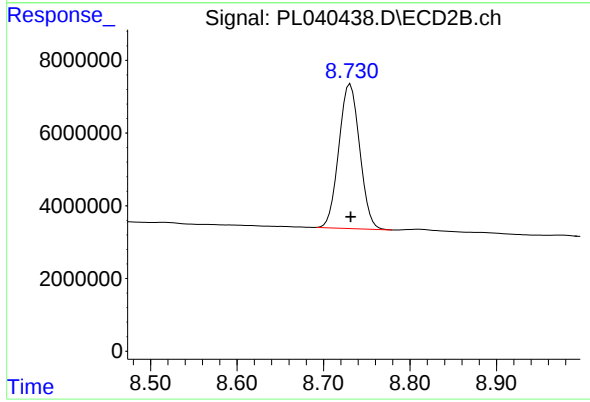
R.T.: 6.759 min  
Delta R.T.: 0.049 min  
Response: 139379430  
Conc: 1144.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.815 min  
Delta R.T.: 0.000 min  
Response: 211332456  
Conc: 22.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: 0.000 min  
Response: 66219308  
Conc: 20.91 ng/ml