

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091019\  
 Data File : PL052342.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2019 16:13  
 Operator : SG\AJ  
 Sample : PB122947BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 00:49:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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... | 3.312 | 3.922 | 181.5E6 | 46147777 | 21.207   | 21.122     |
| 28)                         | SA Decachlor... | 7.967 | 8.944 | 227.9E6 | 50305282 | 18.779   | 16.527     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.739 | 4.310 | 749.5E6 | 160.9E6  | 51.727   | 49.936     |
| 3)                          | MA gamma-BHC... | 4.014 | 4.593 | 711.5E6 | 157.2E6  | 54.076   | 49.921     |
| 4)                          | MA Heptachlor   | 4.296 | 5.093 | 790.5E6 | 173.7E6  | 52.217   | 49.521     |
| 5)                          | MB Aldrin       | 4.534 | 5.395 | 811.4E6 | 167.5E6  | 56.147   | 51.089     |
| 6)                          | B beta-BHC      | 4.269 | 4.771 | 299.3E6 | 75323760 | 52.408   | 51.683     |
| 7)                          | B delta-BHC     | 4.461 | 4.983 | 725.1E6 | 141.7E6  | 48.766   | 45.290     |
| 8)                          | B Heptachlo...  | 4.970 | 5.781 | 703.7E6 | 172.0E6  | 50.314   | 50.968     |
| 9)                          | A Endosulfan I  | 5.300 | 6.136 | 624.3E6 | 155.9E6  | 46.439   | 48.229     |
| 10)                         | B gamma-Chl...  | 5.191 | 6.015 | 750.2E6 | 168.3E6  | 50.242   | 46.100     |
| 11)                         | B alpha-Chl...  | 5.248 | 6.086 | 718.7E6 | 166.8E6  | 49.665   | 48.348     |
| 12)                         | B 4,4'-DDE      | 5.415 | 6.247 | 522.0E6 | 166.9E6  | 38.143   | 47.407     |
| 13)                         | MA Dieldrin     | 5.538 | 6.392 | 763.3E6 | 169.8E6  | 50.200   | 49.575     |
| 14)                         | MA Endrin       | 5.791 | 6.610 | 698.4E6 | 141.6E6  | 47.879   | 46.811     |
| 15)                         | B Endosulfa...  | 6.066 | 6.822 | 662.2E6 | 149.0E6  | 47.593   | 45.219     |
| 16)                         | A 4,4'-DDD      | 5.926 | 6.737 | 587.0E6 | 131.8E6  | 47.935   | 48.695     |
| 17)                         | MA 4,4'-DDT     | 6.159 | 7.035 | 594.4E6 | 126.9E6  | 46.618   | 43.329     |
| 18)                         | B Endrin al...  | 6.232 | 6.946 | 544.6E6 | 128.5E6  | 46.816   | 45.482     |
| 19)                         | B Endosulfa...  | 6.444 | 7.169 | 609.2E6 | 141.7E6  | 46.831   | 45.879     |
| 20)                         | A Methoxychlor  | 6.704 | 7.495 | 314.5E6 | 77668750 | 46.395   | 46.309     |
| 21)                         | B Endrin ke...  | 6.925 | 7.637 | 568.4E6 | 149.6E6  | 40.176   | 46.742     |
| 22)                         | Mirex           | 7.098 | 8.084 | 465.5E6 | 103.5E6  | 43.966   | 42.527     |
| 24)                         | Chlordane-2     | 0.000 | 5.395 | 0       | 167.5E6  | N.D.     | 1668.953 # |
| 25)                         | Chlordane-3     | 5.191 | 6.015 | 750.2E6 | 168.3E6  | 577.825  | 377.770 #  |
| 26)                         | Chlordane-4     | 5.248 | 6.086 | 718.7E6 | 166.8E6  | 589.419  | 307.210 #  |
| 27)                         | Chlordane-5     | 6.066 | 6.895 | 662.2E6 | 414572   | 1349.455 | 4.205 #    |
| -----                       |                 |       |       |         |          |          |            |

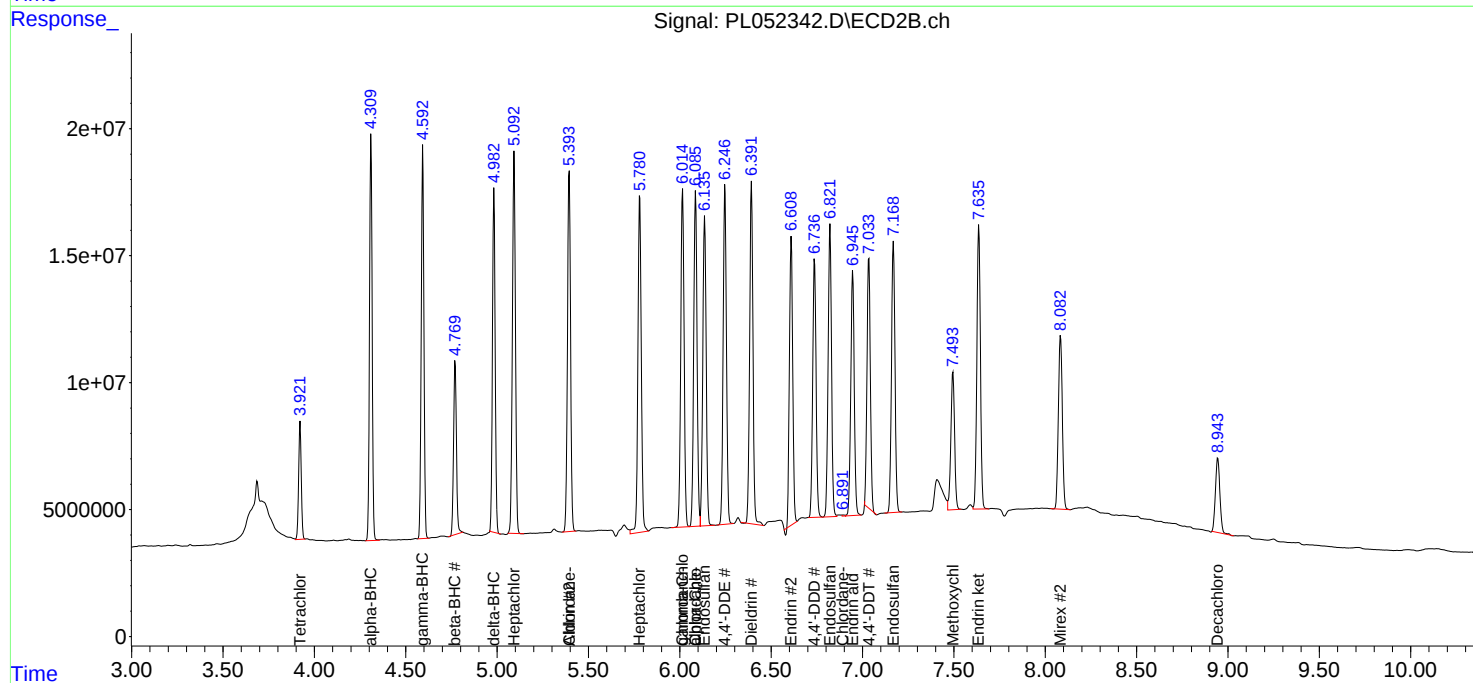
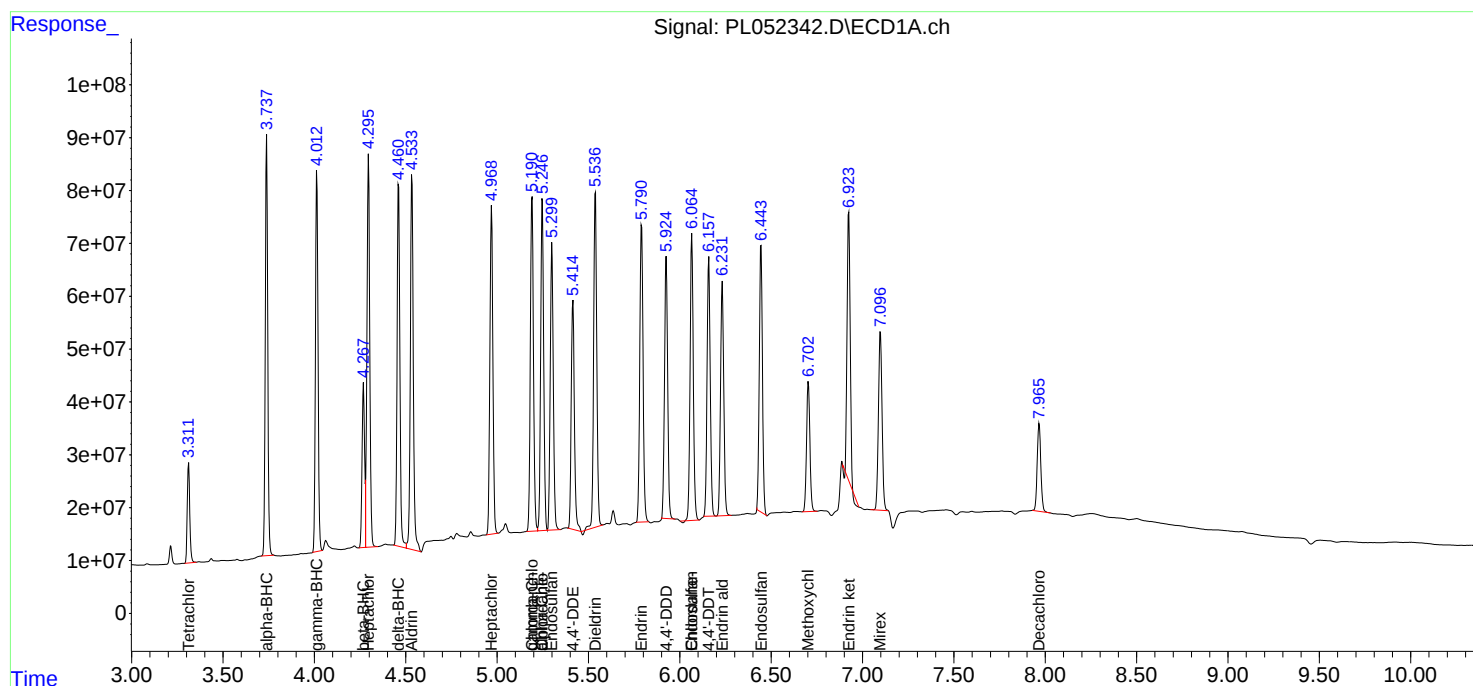
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

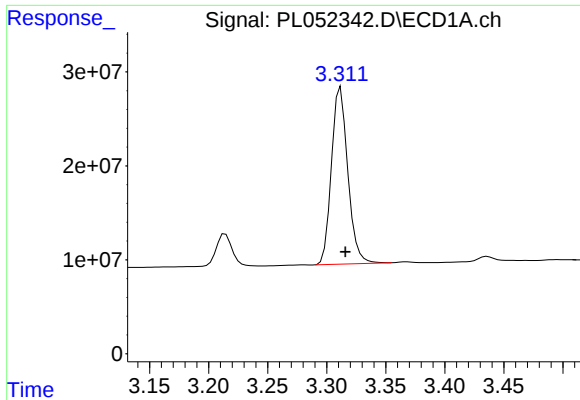
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091019\  
Data File : PL052342.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2019 16:13  
Operator : SG\AJ  
Sample : PB122947BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 00:49:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 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

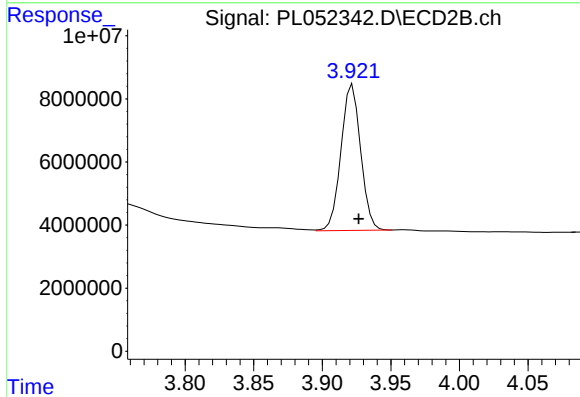




#1 Tetrachloro-m-xylene

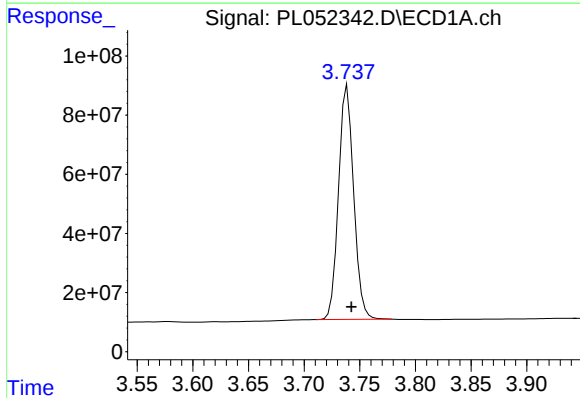
R.T.: 3.312 min  
Delta R.T.: -0.004 min  
Response: 181502923  
Conc: 21.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



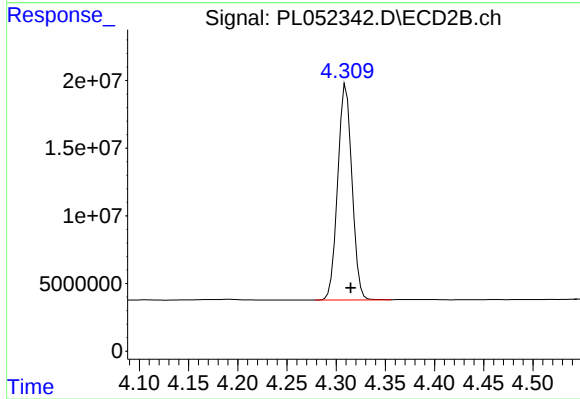
#1 Tetrachloro-m-xylene

R.T.: 3.922 min  
Delta R.T.: -0.004 min  
Response: 46147777  
Conc: 21.12 ng/ml



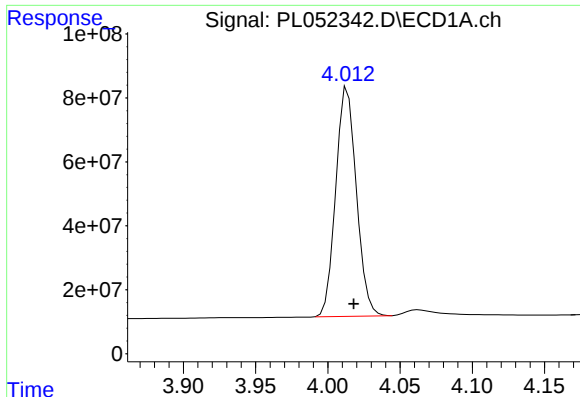
#2 alpha-BHC

R.T.: 3.739 min  
Delta R.T.: -0.004 min  
Response: 749517761  
Conc: 51.73 ng/ml



#2 alpha-BHC

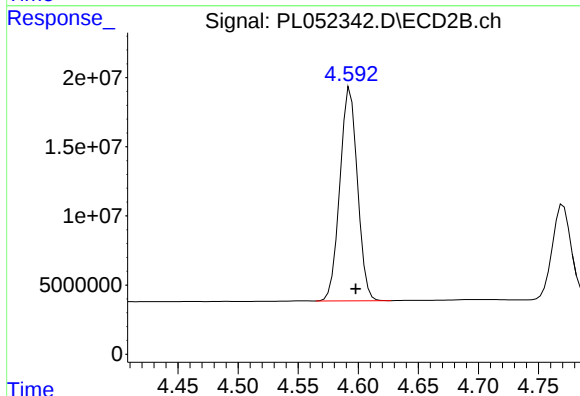
R.T.: 4.310 min  
Delta R.T.: -0.005 min  
Response: 160913735  
Conc: 49.94 ng/ml



#3 gamma-BHC (Lindane)

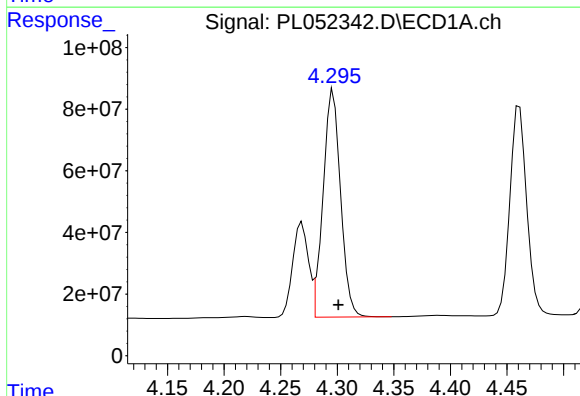
R.T.: 4.014 min  
Delta R.T.: -0.004 min  
Response: 711455035  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



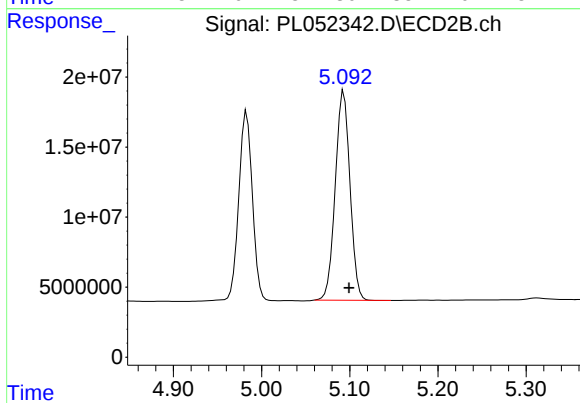
#3 gamma-BHC (Lindane)

R.T.: 4.593 min  
Delta R.T.: -0.005 min  
Response: 157166977  
Conc: 49.92 ng/ml



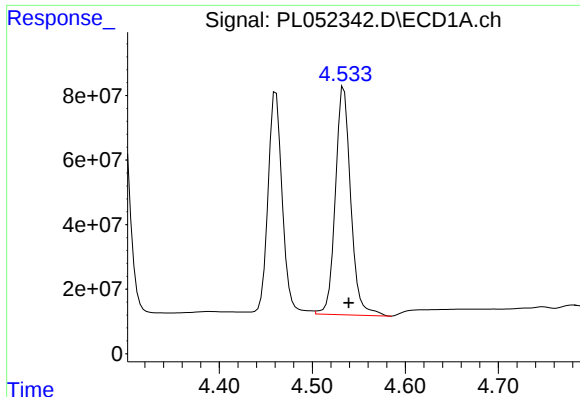
#4 Heptachlor

R.T.: 4.296 min  
Delta R.T.: -0.005 min  
Response: 790502004  
Conc: 52.22 ng/ml



#4 Heptachlor

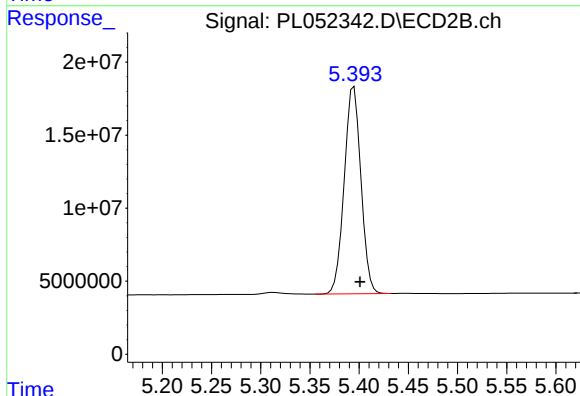
R.T.: 5.093 min  
Delta R.T.: -0.006 min  
Response: 173664681  
Conc: 49.52 ng/ml



#5 Aldrin

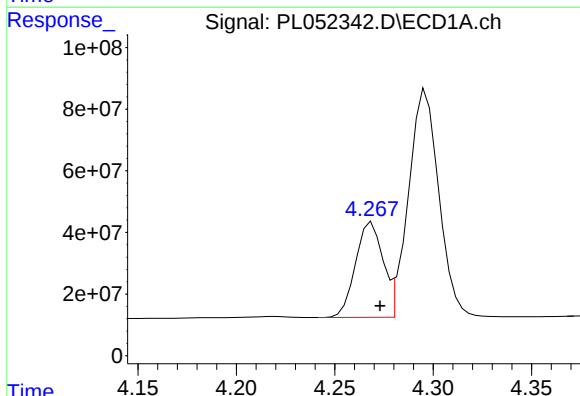
R.T.: 4.534 min  
Delta R.T.: -0.005 min  
Response: 811367251  
Conc: 56.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



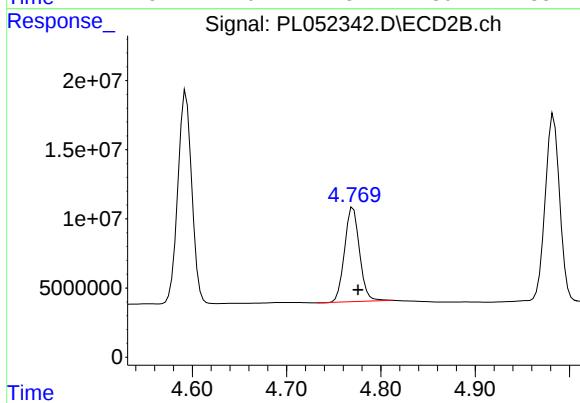
#5 Aldrin

R.T.: 5.395 min  
Delta R.T.: -0.006 min  
Response: 167513772  
Conc: 51.09 ng/ml



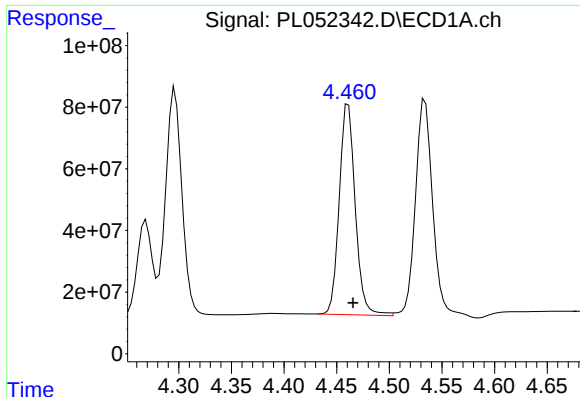
#6 beta-BHC

R.T.: 4.269 min  
Delta R.T.: -0.004 min  
Response: 299254230  
Conc: 52.41 ng/ml



#6 beta-BHC

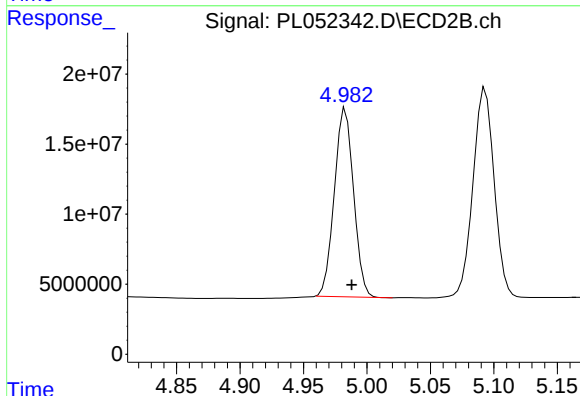
R.T.: 4.771 min  
Delta R.T.: -0.005 min  
Response: 75323760  
Conc: 51.68 ng/ml



#7 delta-BHC

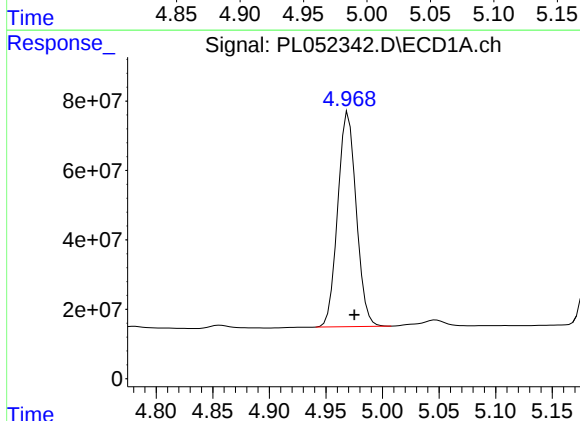
R.T.: 4.461 min  
Delta R.T.: -0.005 min  
Response: 725107064  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



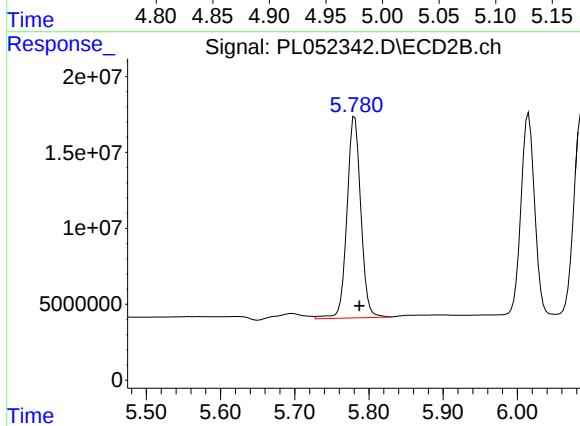
#7 delta-BHC

R.T.: 4.983 min  
Delta R.T.: -0.005 min  
Response: 141745966  
Conc: 45.29 ng/ml



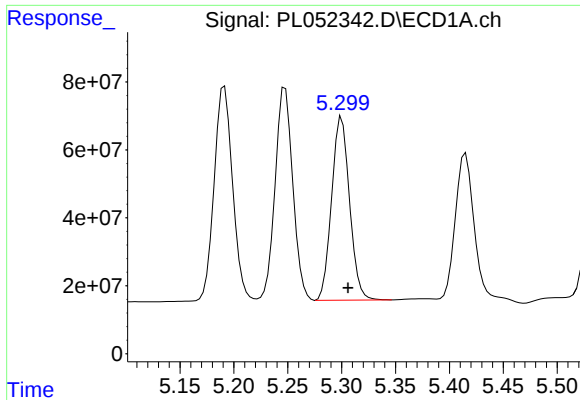
#8 Heptachlor epoxide

R.T.: 4.970 min  
Delta R.T.: -0.006 min  
Response: 703662886  
Conc: 50.31 ng/ml



#8 Heptachlor epoxide

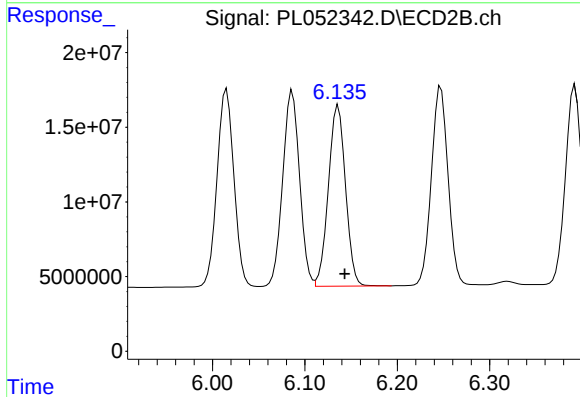
R.T.: 5.781 min  
Delta R.T.: -0.006 min  
Response: 172006779  
Conc: 50.97 ng/ml



#9 Endosulfan I

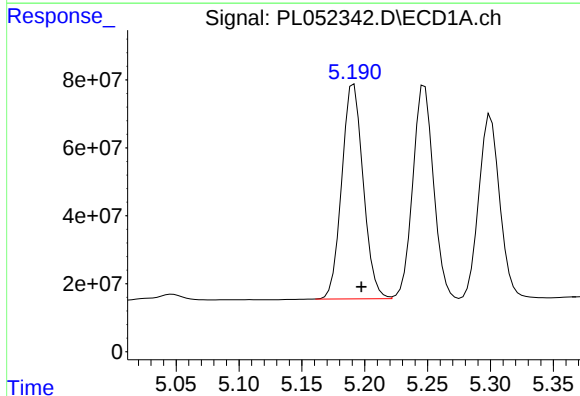
R.T.: 5.300 min  
Delta R.T.: -0.006 min  
Response: 624314146  
Conc: 46.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



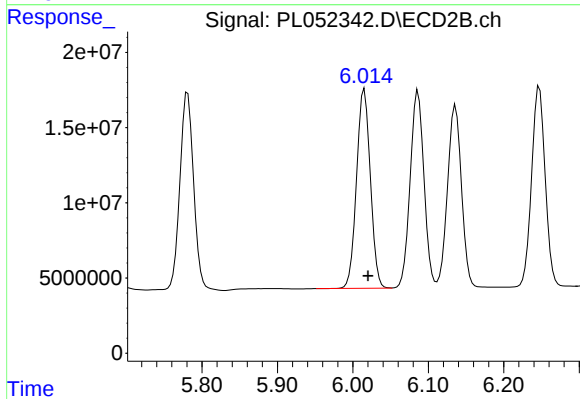
#9 Endosulfan I

R.T.: 6.136 min  
Delta R.T.: -0.007 min  
Response: 155933187  
Conc: 48.23 ng/ml



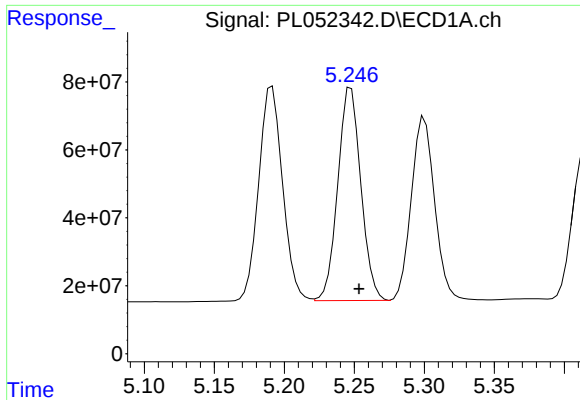
#10 gamma-Chlordane

R.T.: 5.191 min  
Delta R.T.: -0.006 min  
Response: 750213608  
Conc: 50.24 ng/ml



#10 gamma-Chlordane

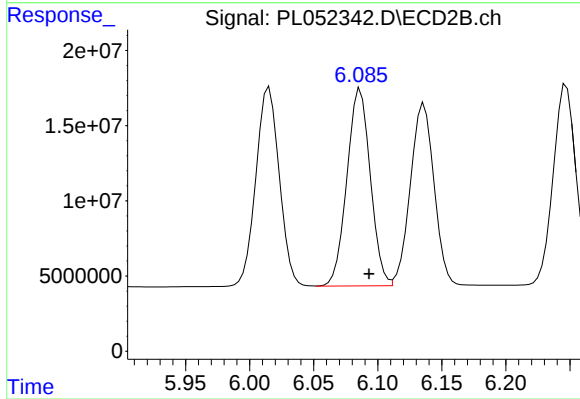
R.T.: 6.015 min  
Delta R.T.: -0.005 min  
Response: 168311678  
Conc: 46.10 ng/ml



#11 alpha-Chlordane

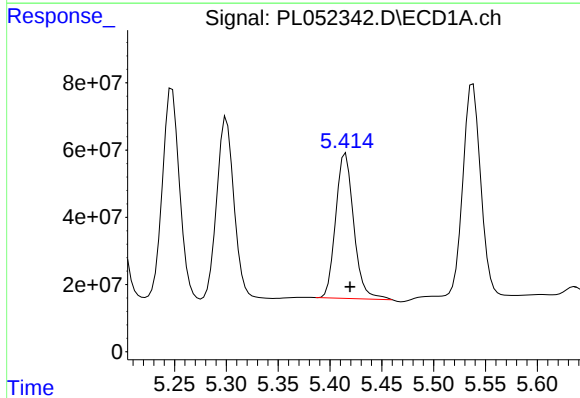
R.T.: 5.248 min  
Delta R.T.: -0.006 min  
Response: 718711752  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



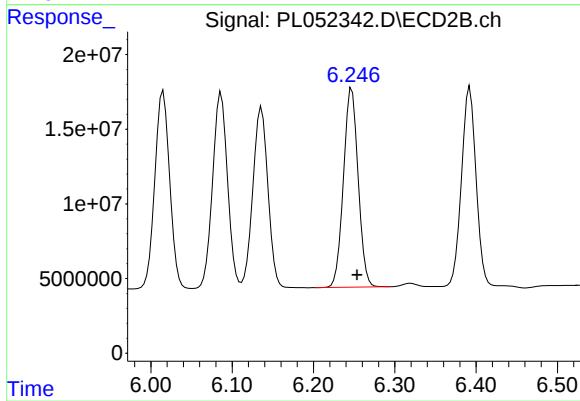
#11 alpha-Chlordane

R.T.: 6.086 min  
Delta R.T.: -0.007 min  
Response: 166849634  
Conc: 48.35 ng/ml



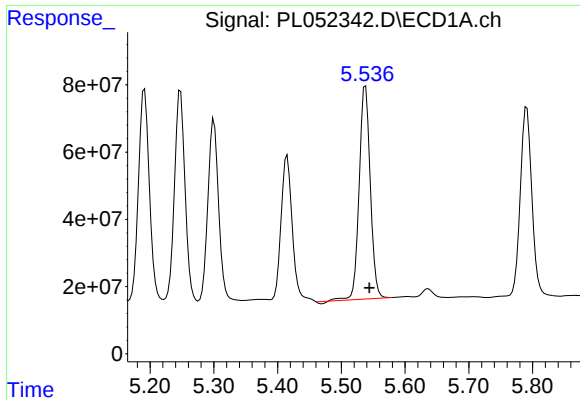
#12 4,4'-DDE

R.T.: 5.415 min  
Delta R.T.: -0.004 min  
Response: 522012625  
Conc: 38.14 ng/ml



#12 4,4'-DDE

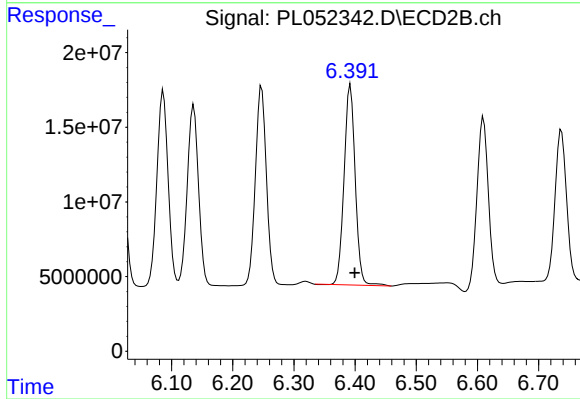
R.T.: 6.247 min  
Delta R.T.: -0.006 min  
Response: 166874405  
Conc: 47.41 ng/ml



#13 Dieldrin

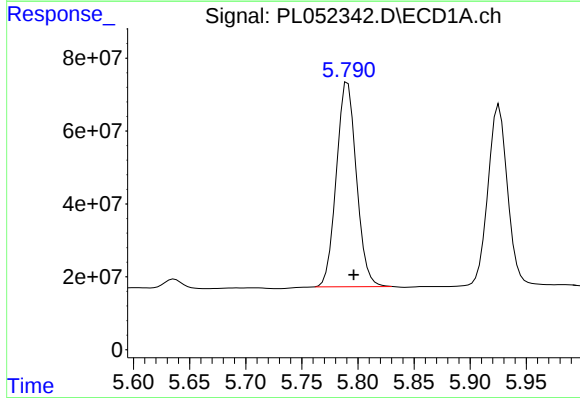
R.T.: 5.538 min  
Delta R.T.: -0.006 min  
Response: 763289633  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



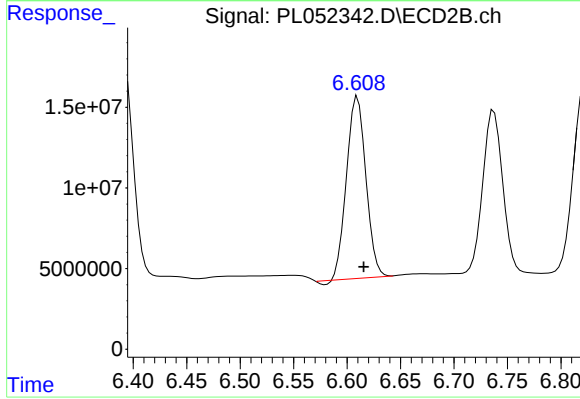
#13 Dieldrin

R.T.: 6.392 min  
Delta R.T.: -0.007 min  
Response: 169774956  
Conc: 49.58 ng/ml



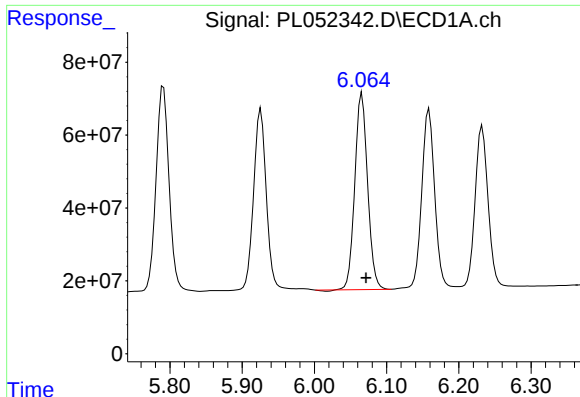
#14 Endrin

R.T.: 5.791 min  
Delta R.T.: -0.005 min  
Response: 698366176  
Conc: 47.88 ng/ml



#14 Endrin

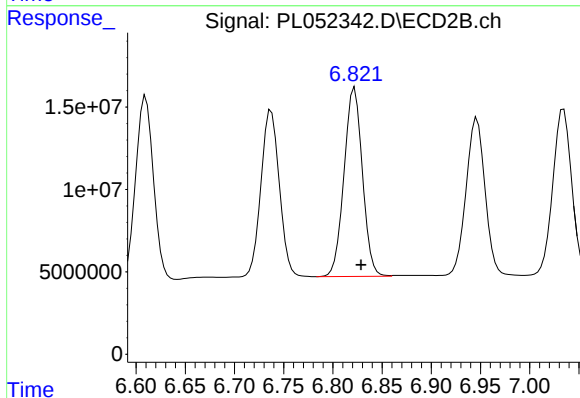
R.T.: 6.610 min  
Delta R.T.: -0.006 min  
Response: 141586331  
Conc: 46.81 ng/ml



#15 Endosulfan II

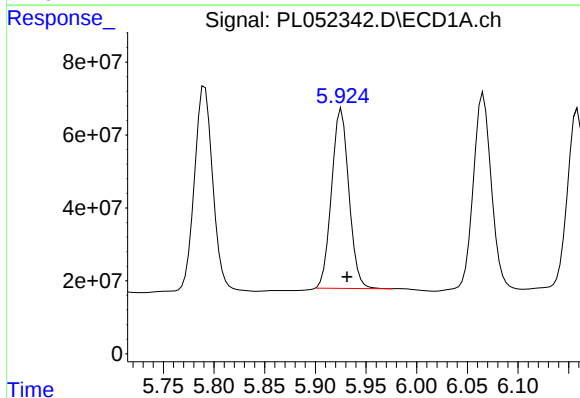
R.T.: 6.066 min  
Delta R.T.: -0.006 min  
Response: 662201068  
Conc: 47.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



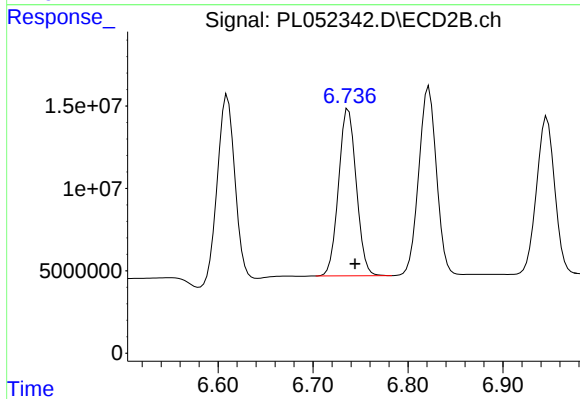
#15 Endosulfan II

R.T.: 6.822 min  
Delta R.T.: -0.007 min  
Response: 149042247  
Conc: 45.22 ng/ml



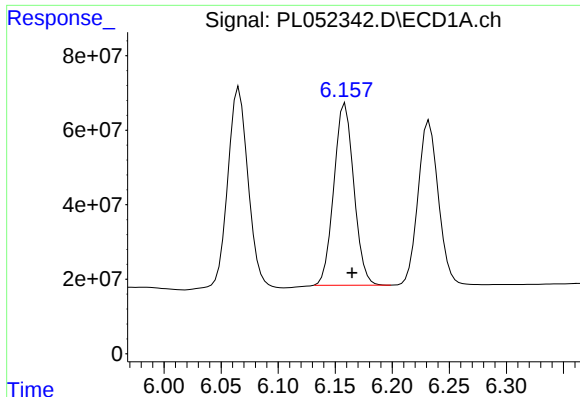
#16 4,4'-DDD

R.T.: 5.926 min  
Delta R.T.: -0.006 min  
Response: 586984079  
Conc: 47.93 ng/ml



#16 4,4'-DDD

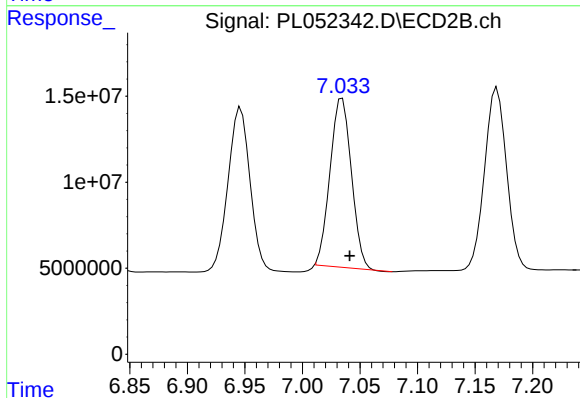
R.T.: 6.737 min  
Delta R.T.: -0.007 min  
Response: 131832961  
Conc: 48.69 ng/ml



#17 4,4'-DDT

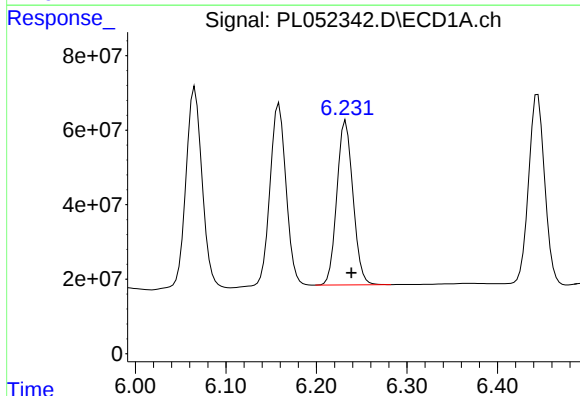
R.T.: 6.159 min  
Delta R.T.: -0.006 min  
Response: 594444598  
Conc: 46.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



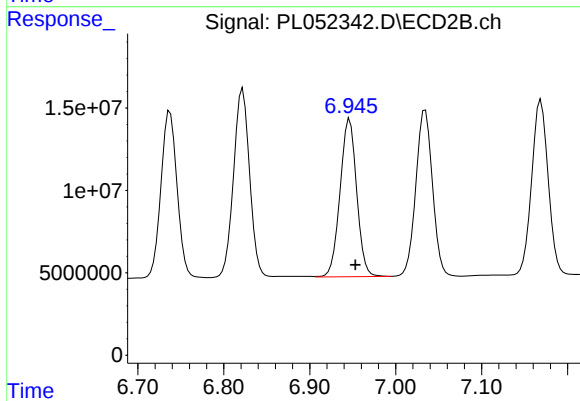
#17 4,4'-DDT

R.T.: 7.035 min  
Delta R.T.: -0.006 min  
Response: 126854571  
Conc: 43.33 ng/ml



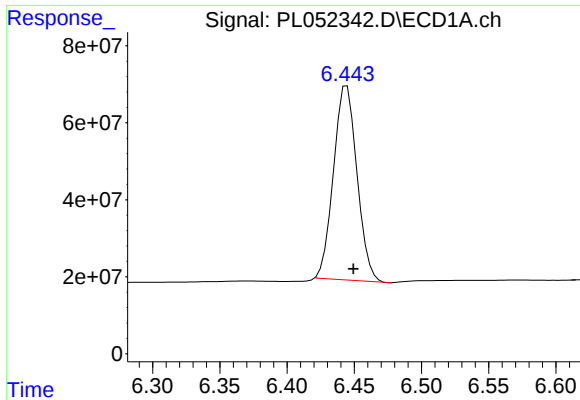
#18 Endrin aldehyde

R.T.: 6.232 min  
Delta R.T.: -0.006 min  
Response: 544615157  
Conc: 46.82 ng/ml



#18 Endrin aldehyde

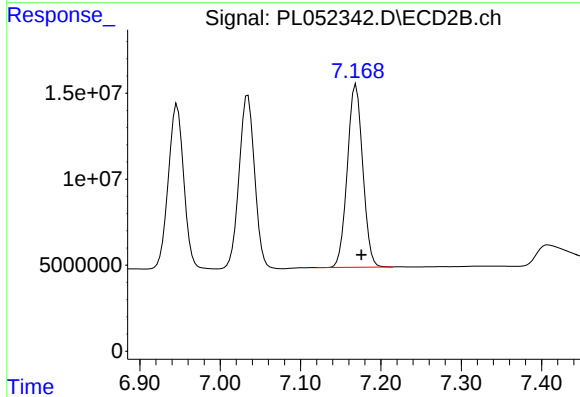
R.T.: 6.946 min  
Delta R.T.: -0.007 min  
Response: 128542698  
Conc: 45.48 ng/ml



#19 Endosulfan Sulfate

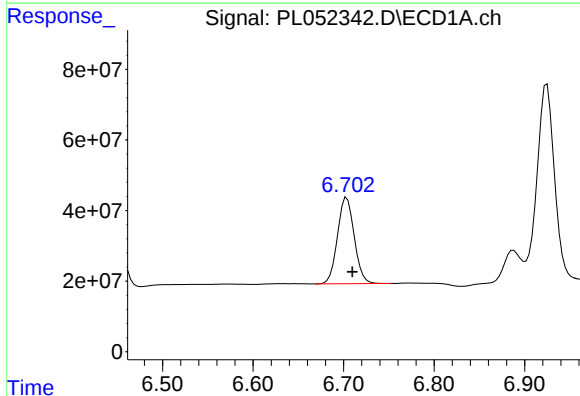
R.T.: 6.444 min  
Delta R.T.: -0.005 min  
Response: 609233047  
Conc: 46.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



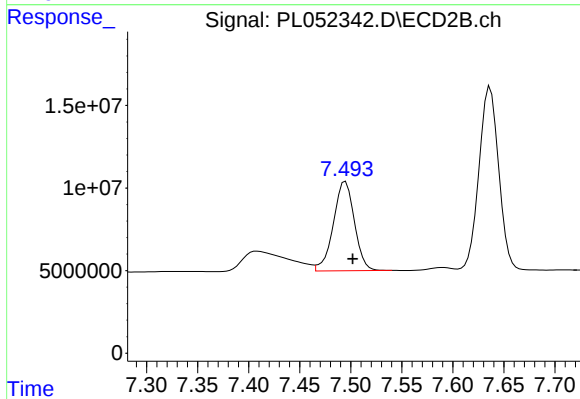
#19 Endosulfan Sulfate

R.T.: 7.169 min  
Delta R.T.: -0.007 min  
Response: 141675693  
Conc: 45.88 ng/ml



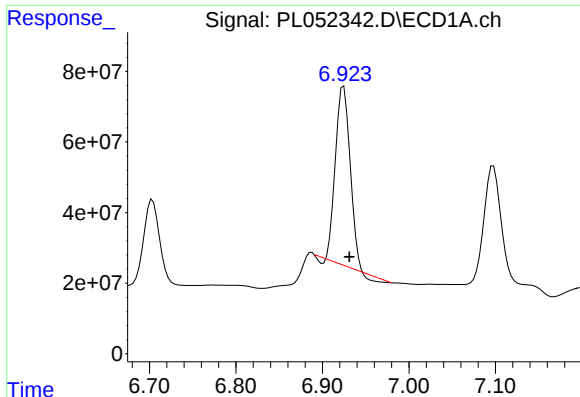
#20 Methoxychlor

R.T.: 6.704 min  
Delta R.T.: -0.006 min  
Response: 314548230  
Conc: 46.40 ng/ml



#20 Methoxychlor

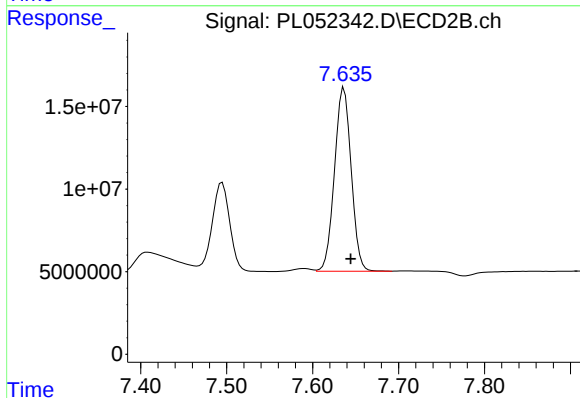
R.T.: 7.495 min  
Delta R.T.: -0.007 min  
Response: 77668750  
Conc: 46.31 ng/ml



#21 Endrin ketone

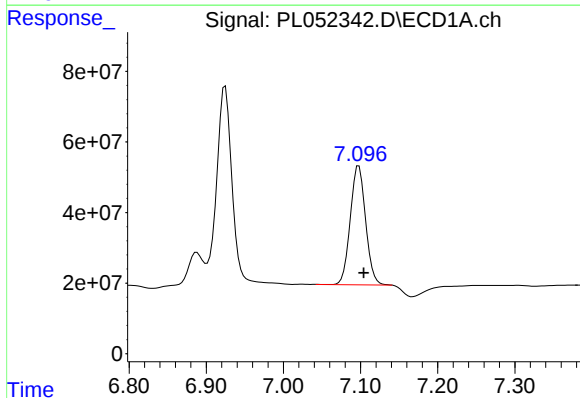
R.T.: 6.925 min  
Delta R.T.: -0.007 min  
Response: 568363253  
Conc: 40.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



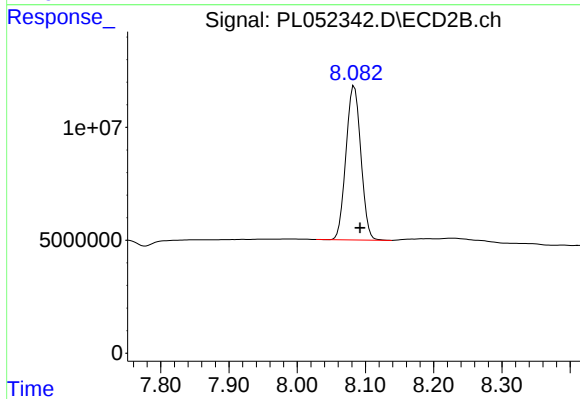
#21 Endrin ketone

R.T.: 7.637 min  
Delta R.T.: -0.008 min  
Response: 149550986  
Conc: 46.74 ng/ml



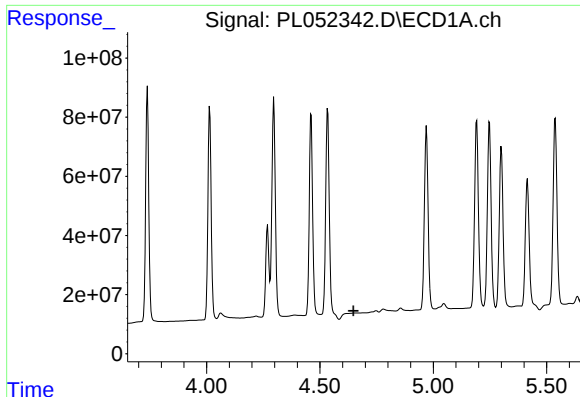
#22 Mirex

R.T.: 7.098 min  
Delta R.T.: -0.006 min  
Response: 465486509  
Conc: 43.97 ng/ml



#22 Mirex

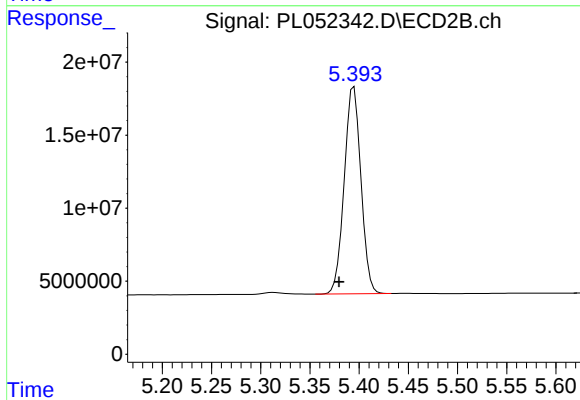
R.T.: 8.084 min  
Delta R.T.: -0.009 min  
Response: 103456859  
Conc: 42.53 ng/ml



#24 Chlordane-2

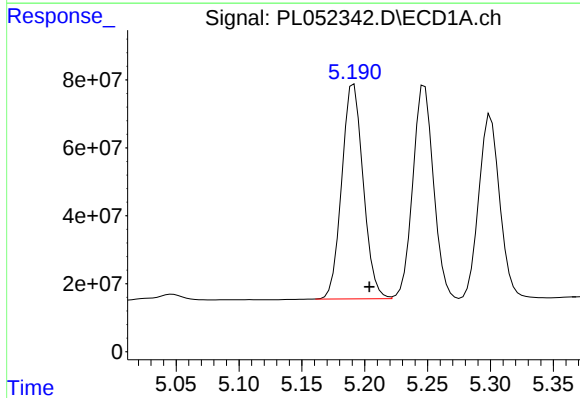
R.T.: 0.000 min  
Exp R.T.: 4.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



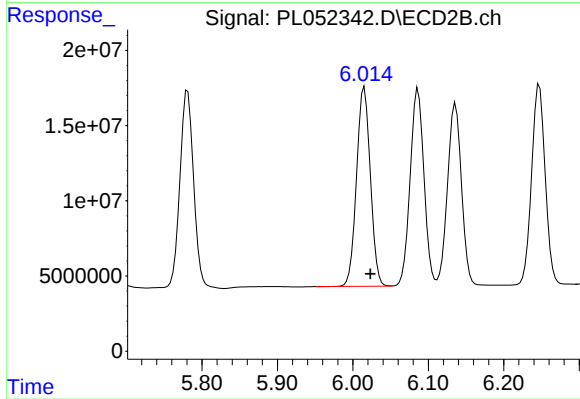
#24 Chlordane-2

R.T.: 5.395 min  
Delta R.T.: 0.015 min  
Response: 167513772  
Conc: 1668.95 ng/ml



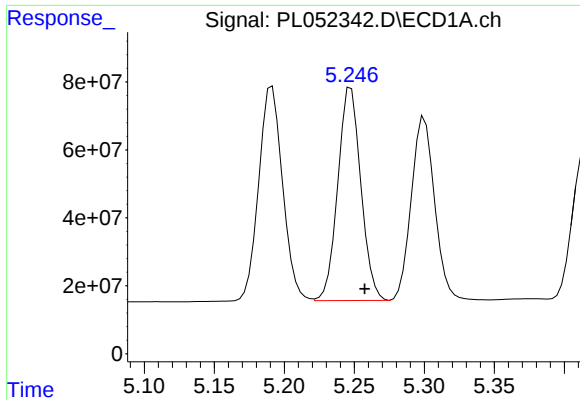
#25 Chlordane-3

R.T.: 5.191 min  
Delta R.T.: -0.012 min  
Response: 750213608  
Conc: 577.83 ng/ml



#25 Chlordane-3

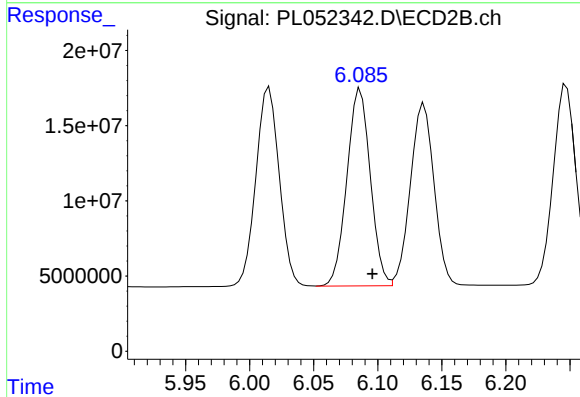
R.T.: 6.015 min  
Delta R.T.: -0.008 min  
Response: 168311678  
Conc: 377.77 ng/ml



#26 Chlordane-4

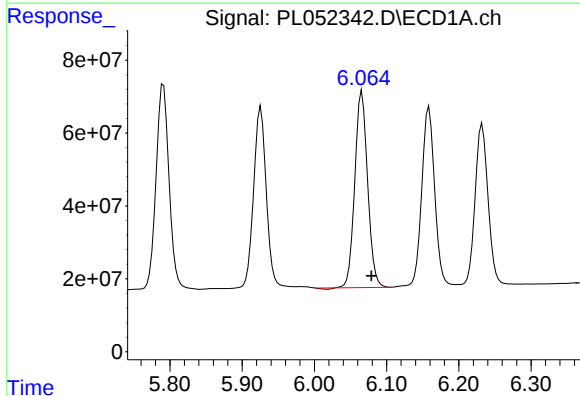
R.T.: 5.248 min  
Delta R.T.: -0.010 min  
Response: 718711752  
Conc: 589.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



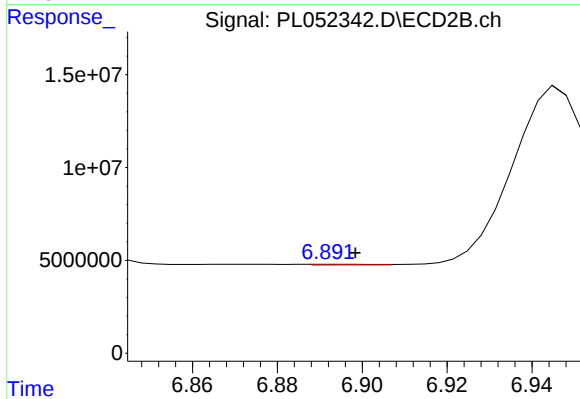
#26 Chlordane-4

R.T.: 6.086 min  
Delta R.T.: -0.009 min  
Response: 166849634  
Conc: 307.21 ng/ml



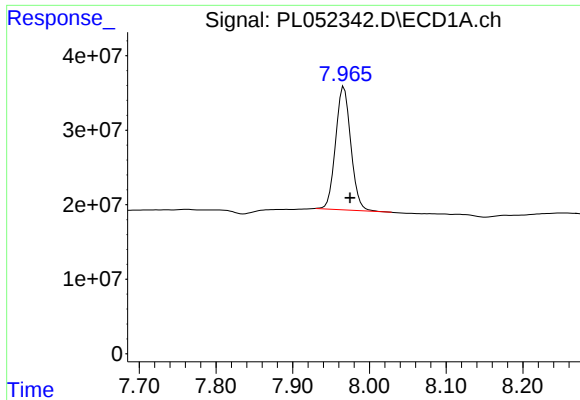
#27 Chlordane-5

R.T.: 6.066 min  
Delta R.T.: -0.013 min  
Response: 662201068  
Conc: 1349.46 ng/ml



#27 Chlordane-5

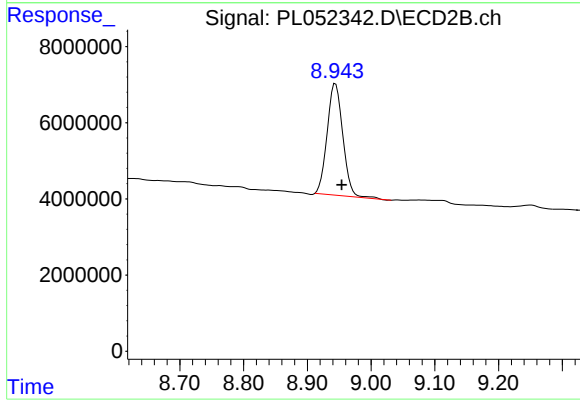
R.T.: 6.895 min  
Delta R.T.: -0.004 min  
Response: 414572  
Conc: 4.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.967 min  
Delta R.T.: -0.008 min  
Response: 227935114  
Conc: 18.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.944 min  
Delta R.T.: -0.010 min  
Response: 50305282  
Conc: 16.53 ng/ml