

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102424\  
 Data File : PL092595.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2024 11:35  
 Operator : AR\AJ  
 Sample : P4472-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BP-F-28MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 02:06:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102124.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 21 17:09:23 2024  
 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... | 3.541  | 2.779 | 38433592 | 50440993 | 14.267  | 18.161 #  |
| 28)                         | SA Decachlor... | 9.057  | 7.919 | 38115942 | 43618462 | 18.766  | 16.554    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.997  | 3.282 | 126.5E6  | 122.3E6  | 30.700  | 28.349    |
| 3)                          | MA gamma-BHC... | 4.330  | 3.612 | 127.6E6  | 130.8E6  | 33.175  | 31.771    |
| 4)                          | MA Heptachlor   | 4.918  | 3.951 | 122.2E6  | 133.8E6  | 34.478  | 33.329    |
| 5)                          | MB Aldrin       | 5.260  | 4.231 | 124.0E6  | 133.9E6  | 33.710  | 33.684    |
| 6)                          | B beta-BHC      | 4.528  | 3.912 | 50442924 | 66600733 | 32.495  | 38.146    |
| 7)                          | B delta-BHC     | 4.774  | 4.141 | 116.2E6  | 136.1E6  | 30.880  | 32.361    |
| 8)                          | B Heptachlo...  | 5.687  | 4.734 | 107.6E6  | 129.2E6  | 32.395  | 36.681    |
| 9)                          | A Endosulfan I  | 6.072  | 5.104 | 111.4E6  | 114.5E6  | 36.899  | 35.983    |
| 10)                         | B gamma-Chl...  | 5.942  | 4.984 | 113.1E6  | 144.1E6  | 34.304  | 39.165    |
| 11)                         | B alpha-Chl...  | 6.021  | 5.048 | 115.0E6  | 134.7E6  | 35.323  | 37.894    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.237 | 96670570 | 123.5E6  | 32.594  | 35.508    |
| 13)                         | MA Dieldrin     | 6.347  | 5.368 | 111.0E6  | 134.0E6  | 34.144  | 36.673    |
| 14)                         | MA Endrin       | 6.577  | 5.644 | 98300610 | 133.0E6  | 34.812  | 40.612    |
| 15)                         | B Endosulfa...  | 6.797  | 5.939 | 105.2E6  | 126.1E6  | 37.185  | 40.335    |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.792 | 87702821 | 105.4E6  | 36.301  | 37.933    |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.042 | 95892492 | 116.5E6  | 38.885  | 39.655    |
| 18)                         | B Endrin al...  | 6.927  | 6.118 | 80447689 | 92243158 | 37.661  | 37.550    |
| 19)                         | B Endosulfa...  | 7.161  | 6.341 | 96329759 | 115.1E6  | 38.126  | 38.918    |
| 20)                         | A Methoxychlor  | 7.502  | 6.617 | 51997938 | 63418422 | 44.152  | 44.728    |
| 21)                         | B Endrin ke...  | 7.646  | 6.846 | 108.5E6  | 123.5E6  | 39.468  | 38.442    |
| 22)                         | Mirex           | 8.119  | 7.027 | 83707127 | 101.0E6  | 40.116  | 38.661    |
| 23)                         | Chlordane-1     | 4.725f | 3.775 | -1247377 | 2196989  | N.D.    | 18.488    |
| 24)                         | Chlordane-2     | 5.214  | 4.344 | 1079133  | 5873963  | 8.145   | 42.049 #  |
| 25)                         | Chlordane-3     | 5.942  | 4.984 | 113.1E6  | 144.1E6  | 234.350 | 359.477 # |
| 26)                         | Chlordane-4     | 6.021  | 5.048 | 115.0E6  | 134.7E6  | 196.715 | 347.223 # |
| 27)                         | Chlordane-5     | 0.000  | 5.939 | 0        | 126.1E6  | N.D.    | 901.162 # |
| -----                       |                 |        |       |          |          |         |           |

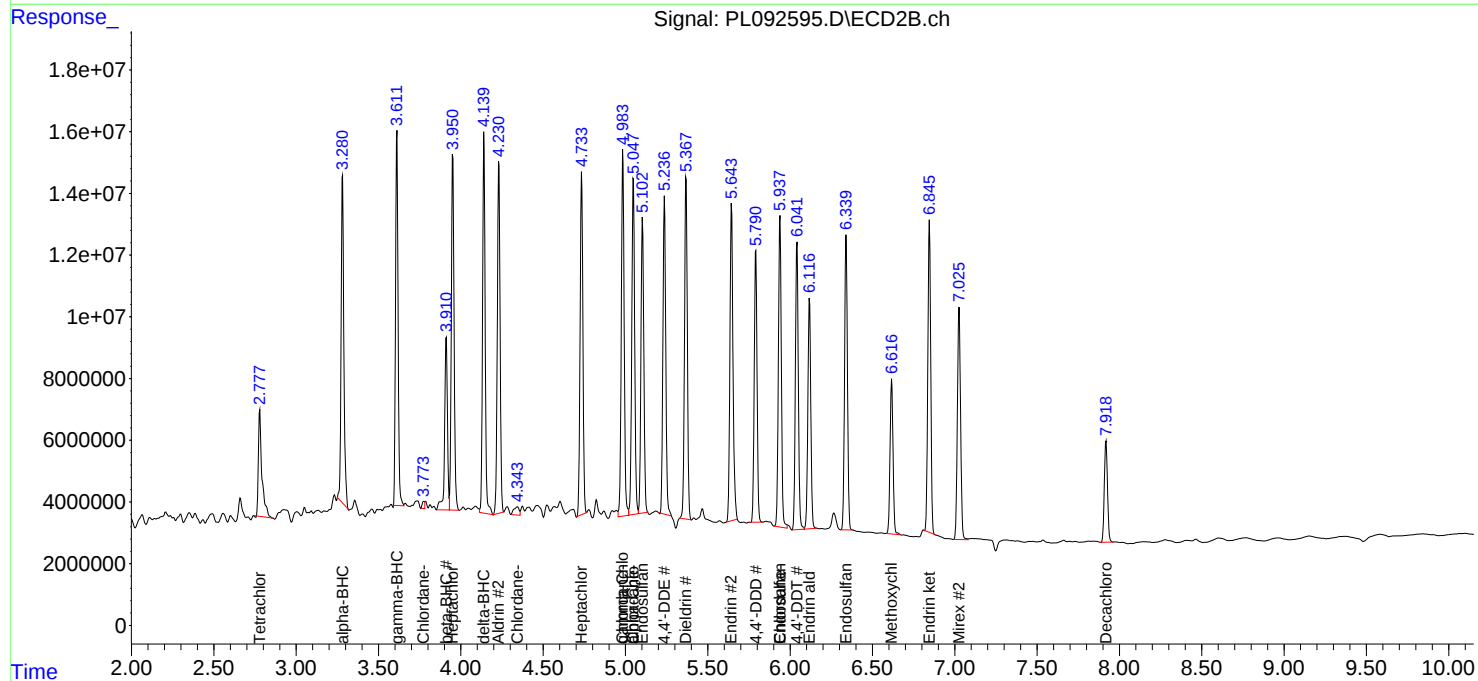
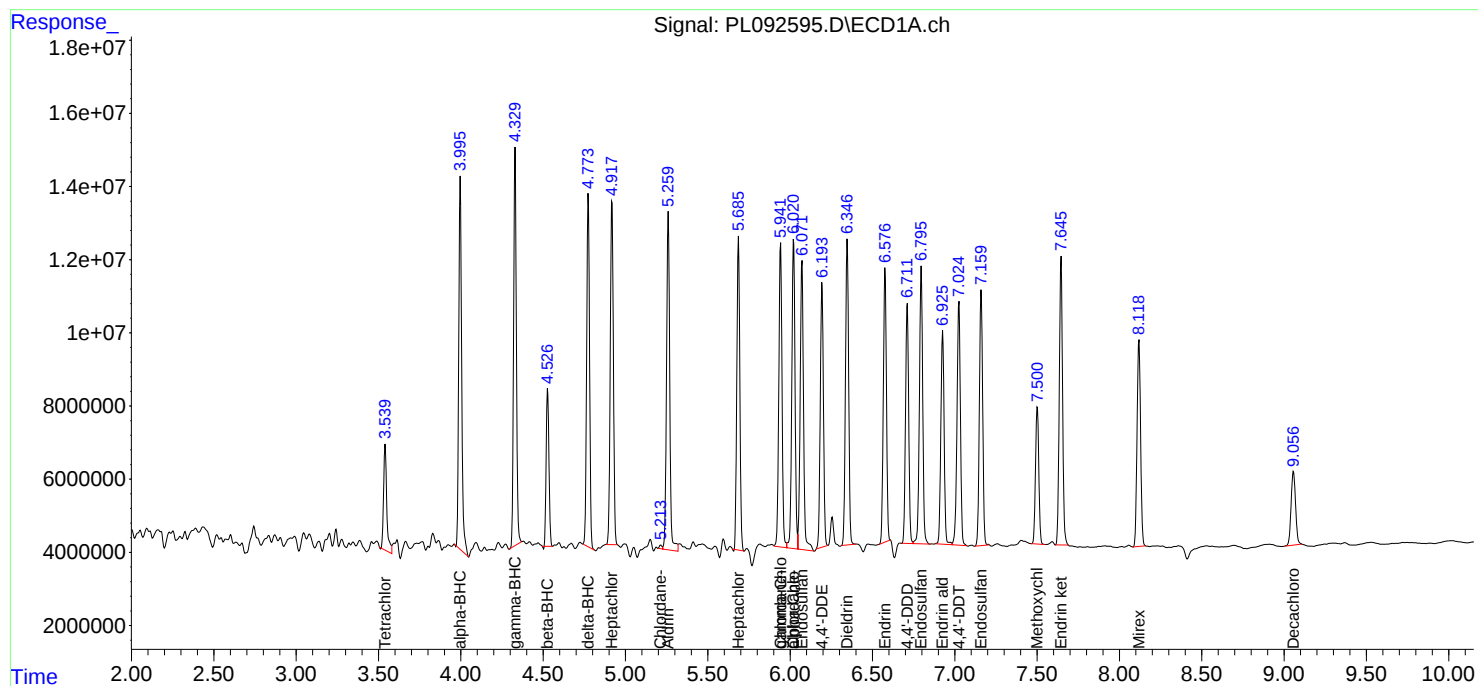
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

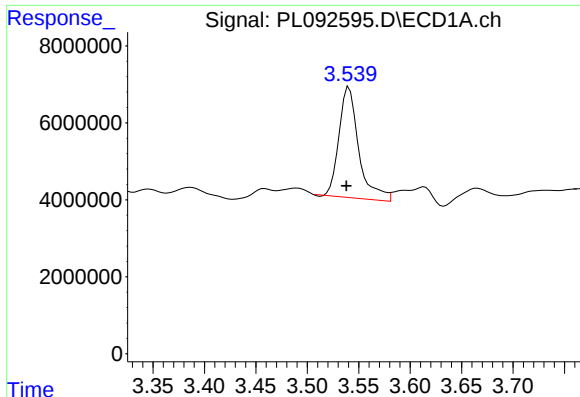
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102424\  
Data File : PL092595.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2024 11:35  
Operator : AR\AJ  
Sample : P4472-01MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 02:06:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102124.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 21 17:09:23 2024  
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

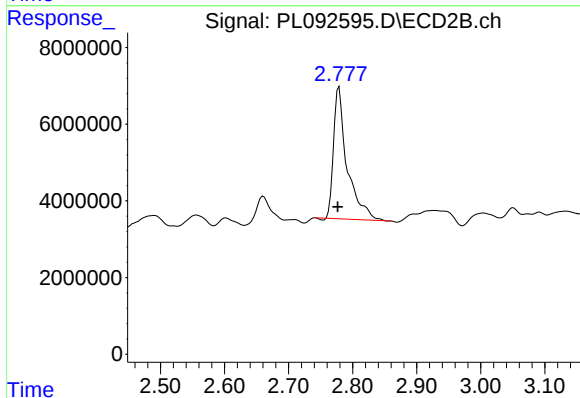




#1 Tetrachloro-m-xylene

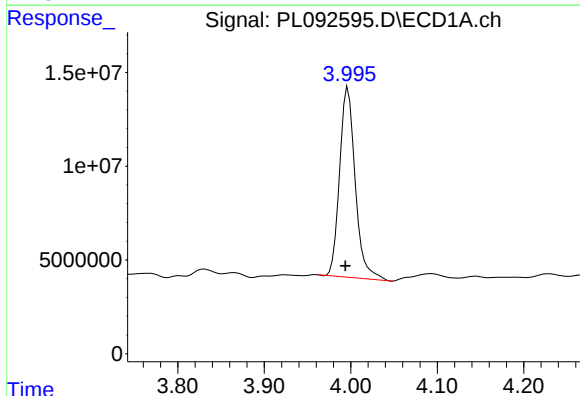
R.T.: 3.541 min  
Delta R.T.: 0.003 min  
Response: 38433592  
Conc: 14.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



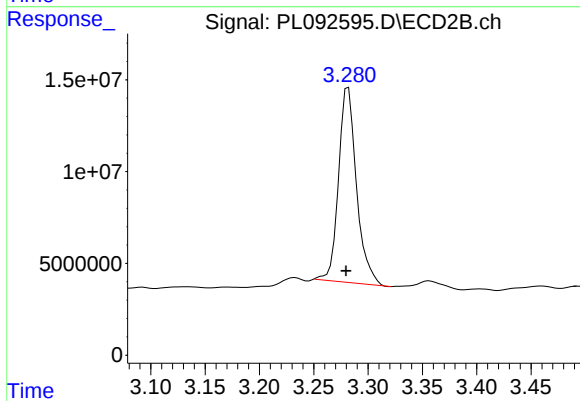
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.002 min  
Response: 50440993  
Conc: 18.16 ng/ml



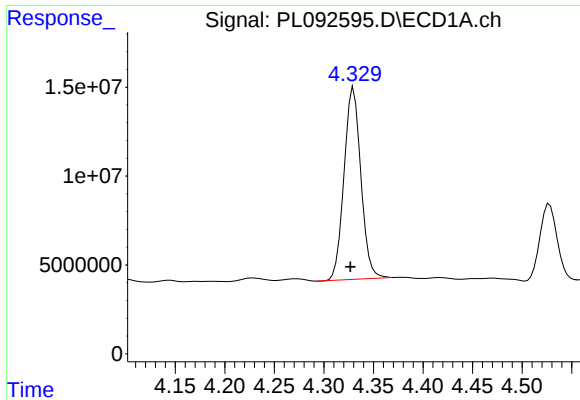
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.003 min  
Response: 126521564  
Conc: 30.70 ng/ml



#2 alpha-BHC

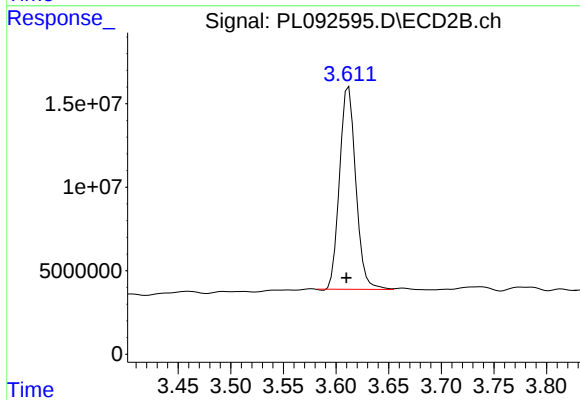
R.T.: 3.282 min  
Delta R.T.: 0.002 min  
Response: 122330347  
Conc: 28.35 ng/ml



#3 gamma-BHC (Lindane)

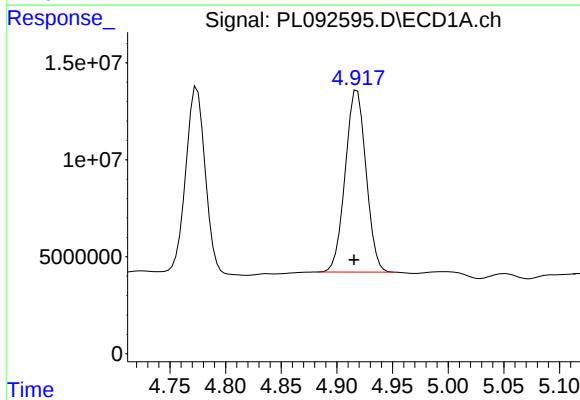
R.T.: 4.330 min  
Delta R.T.: 0.003 min  
Response: 127615435  
Conc: 33.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



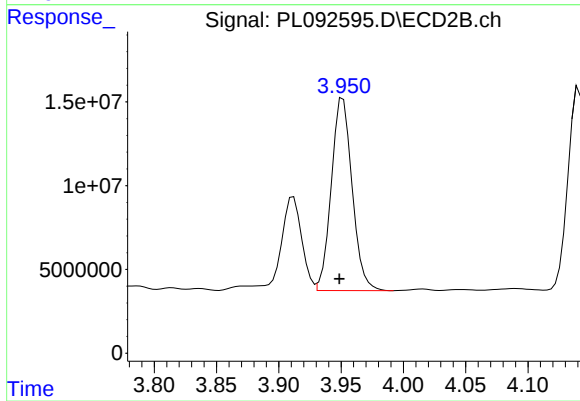
#3 gamma-BHC (Lindane)

R.T.: 3.612 min  
Delta R.T.: 0.002 min  
Response: 130835006  
Conc: 31.77 ng/ml



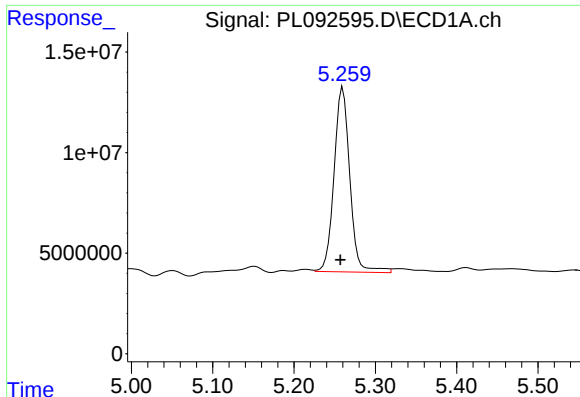
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.003 min  
Response: 122247711  
Conc: 34.48 ng/ml



#4 Heptachlor

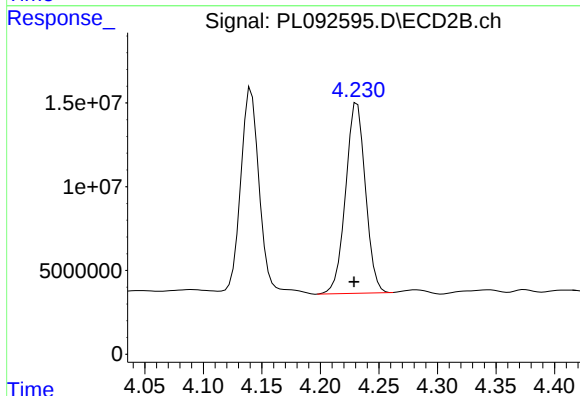
R.T.: 3.951 min  
Delta R.T.: 0.003 min  
Response: 133841490  
Conc: 33.33 ng/ml



#5 Aldrin

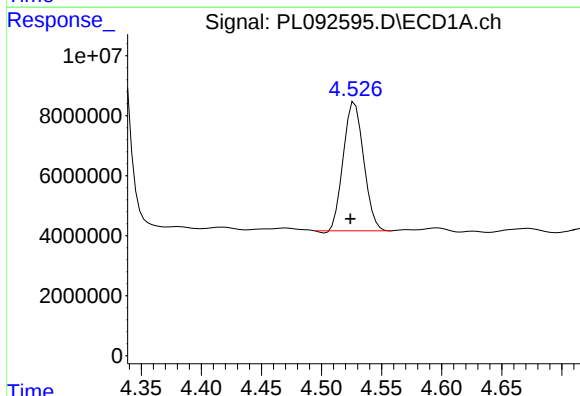
R.T.: 5.260 min  
Delta R.T.: 0.003 min  
Response: 124008114  
Conc: 33.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



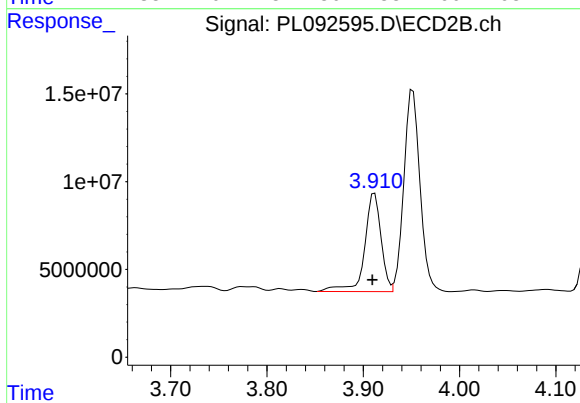
#5 Aldrin

R.T.: 4.231 min  
Delta R.T.: 0.003 min  
Response: 133911642  
Conc: 33.68 ng/ml



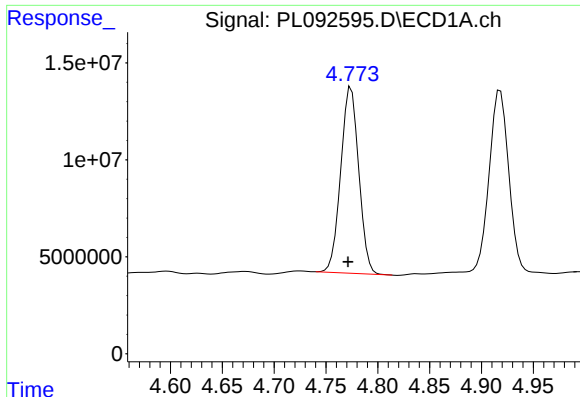
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.004 min  
Response: 50442924  
Conc: 32.49 ng/ml



#6 beta-BHC

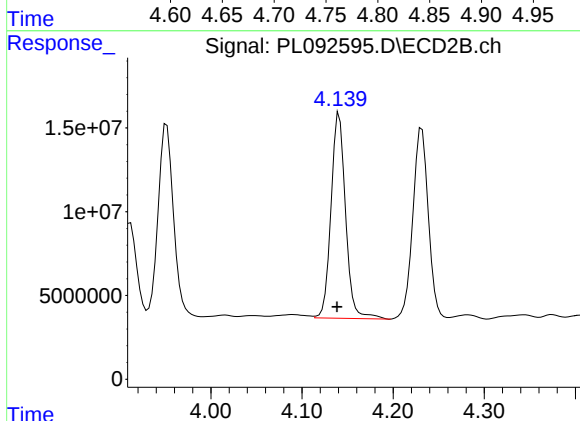
R.T.: 3.912 min  
Delta R.T.: 0.002 min  
Response: 66600733  
Conc: 38.15 ng/ml



#7 delta-BHC

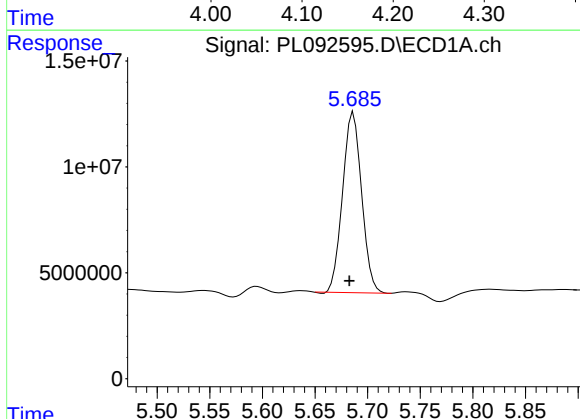
R.T.: 4.774 min  
Delta R.T.: 0.003 min  
Response: 116171218  
Conc: 30.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



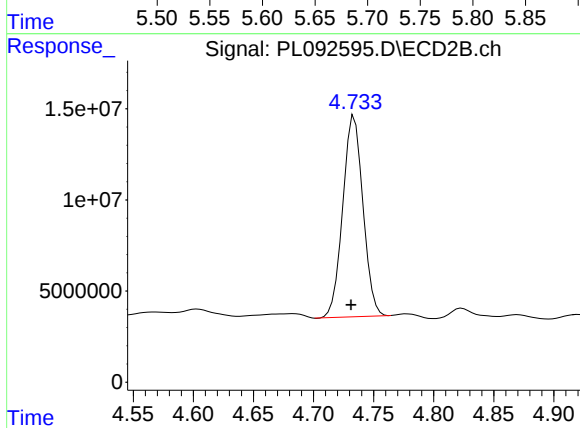
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: 0.002 min  
Response: 136116572  
Conc: 32.36 ng/ml



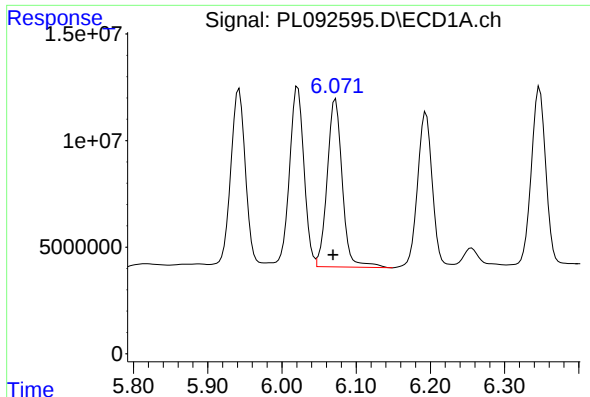
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: 0.004 min  
Response: 107575972  
Conc: 32.40 ng/ml



#8 Heptachlor epoxide

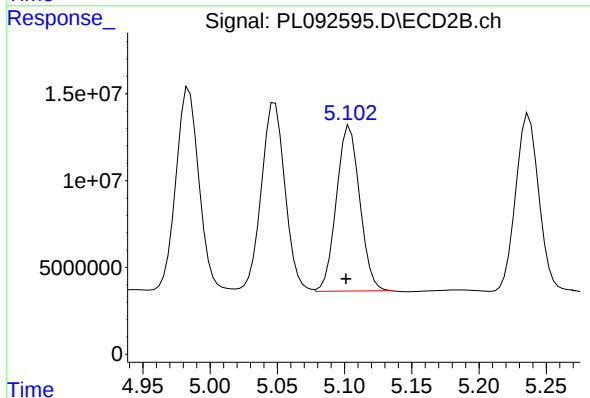
R.T.: 4.734 min  
Delta R.T.: 0.003 min  
Response: 129247026  
Conc: 36.68 ng/ml



#9 Endosulfan I

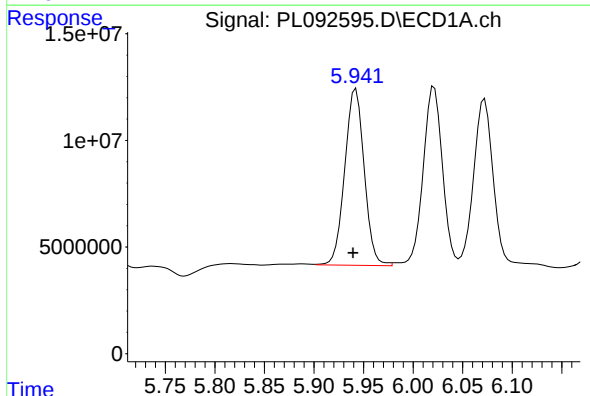
R.T.: 6.072 min  
Delta R.T.: 0.003 min  
Response: 111411612  
Conc: 36.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



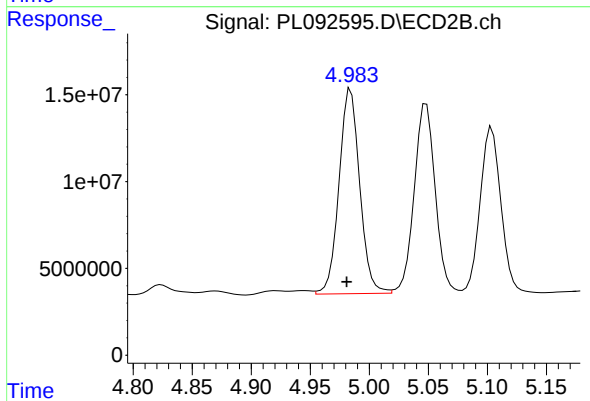
#9 Endosulfan I

R.T.: 5.104 min  
Delta R.T.: 0.003 min  
Response: 114533469  
Conc: 35.98 ng/ml



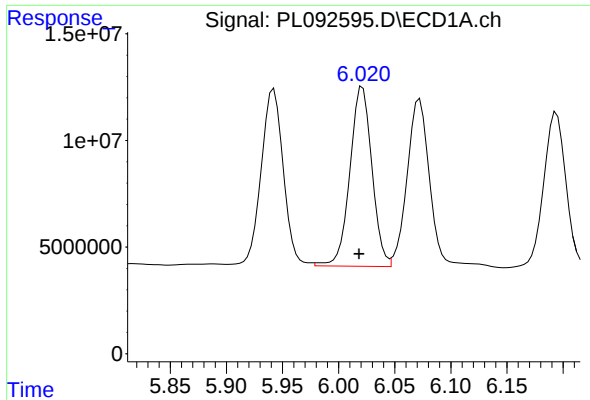
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.003 min  
Response: 113098055  
Conc: 34.30 ng/ml



#10 gamma-Chlordane

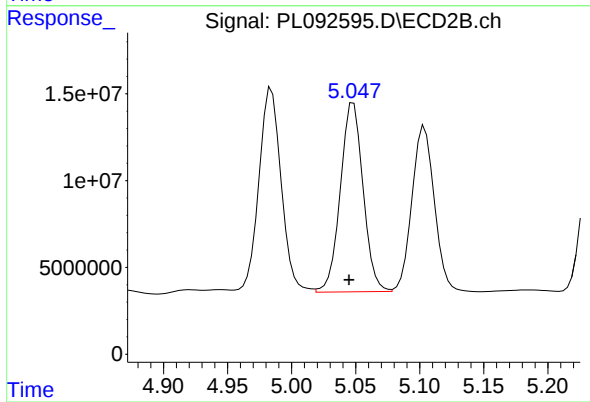
R.T.: 4.984 min  
Delta R.T.: 0.003 min  
Response: 144097817  
Conc: 39.17 ng/ml



#11 alpha-Chlordane

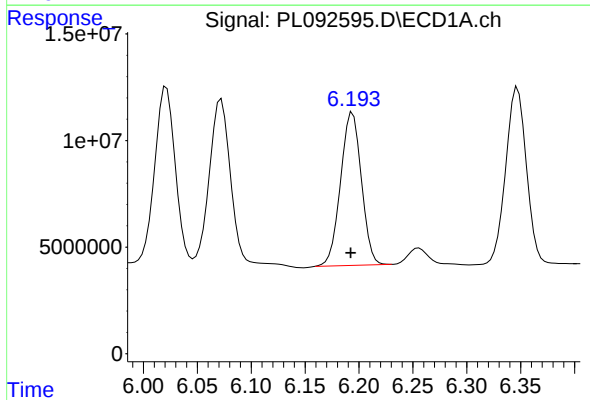
R.T.: 6.021 min  
Delta R.T.: 0.003 min  
Response: 115026614  
Conc: 35.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



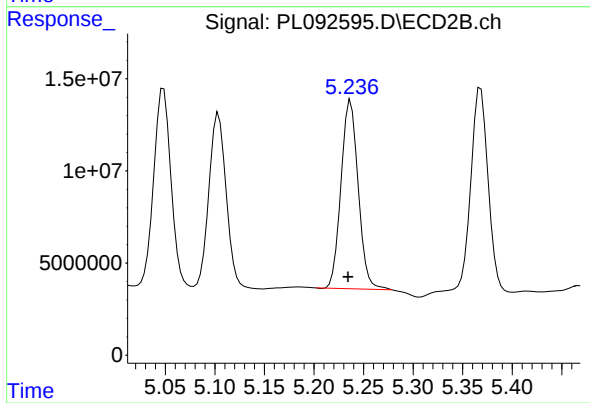
#11 alpha-Chlordane

R.T.: 5.048 min  
Delta R.T.: 0.003 min  
Response: 134678150  
Conc: 37.89 ng/ml



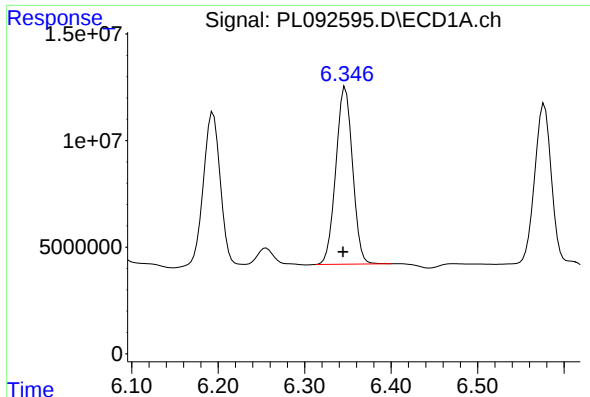
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: 0.002 min  
Response: 96670570  
Conc: 32.59 ng/ml



#12 4,4'-DDE

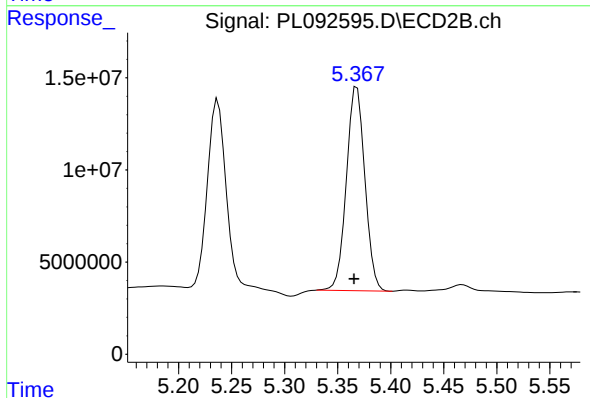
R.T.: 5.237 min  
Delta R.T.: 0.003 min  
Response: 123473621  
Conc: 35.51 ng/ml



#13 Dieldrin

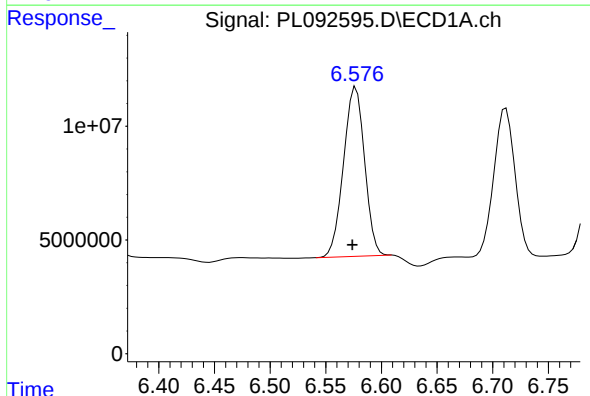
R.T.: 6.347 min  
Delta R.T.: 0.003 min  
Response: 111031244  
Conc: 34.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



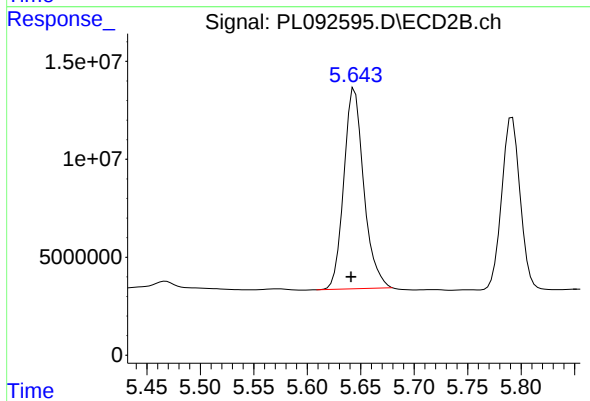
#13 Dieldrin

R.T.: 5.368 min  
Delta R.T.: 0.003 min  
Response: 134015341  
Conc: 36.67 ng/ml



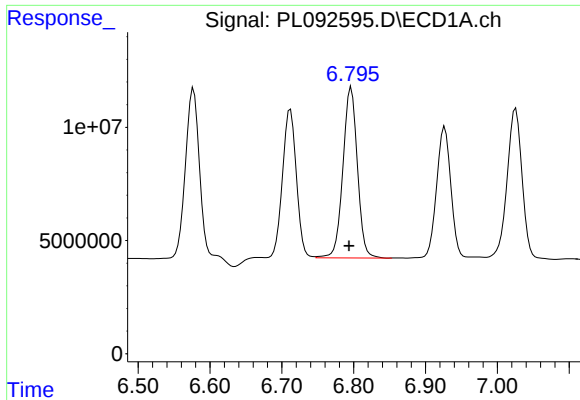
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.003 min  
Response: 98300610  
Conc: 34.81 ng/ml



#14 Endrin

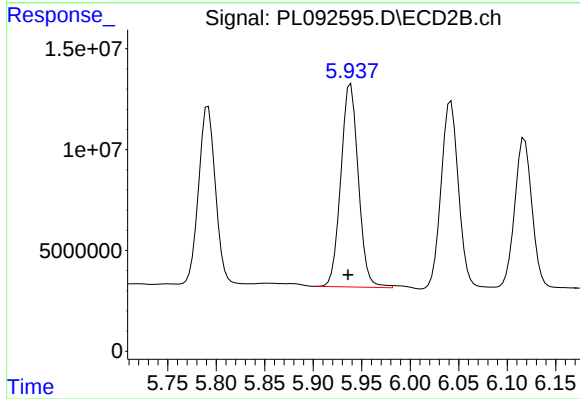
R.T.: 5.644 min  
Delta R.T.: 0.003 min  
Response: 133000923  
Conc: 40.61 ng/ml



#15 Endosulfan II

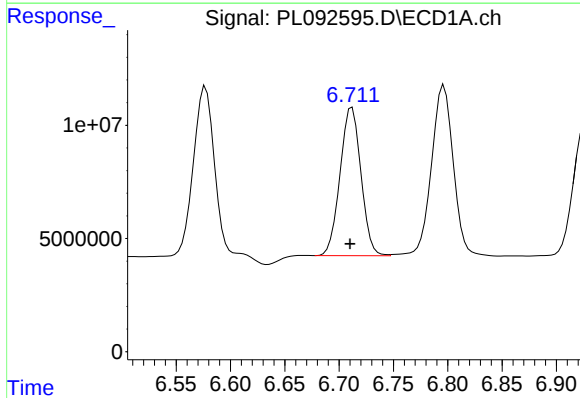
R.T.: 6.797 min  
Delta R.T.: 0.003 min  
Response: 105224841  
Conc: 37.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



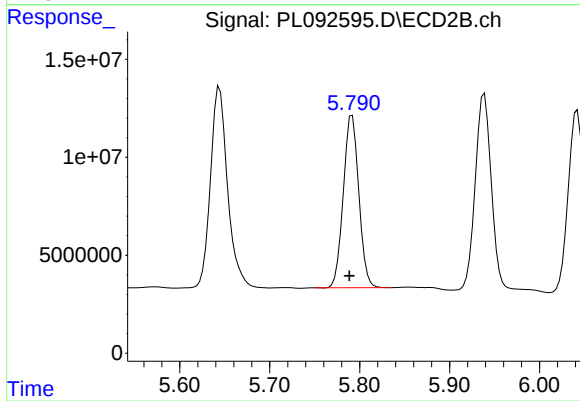
#15 Endosulfan II

R.T.: 5.939 min  
Delta R.T.: 0.003 min  
Response: 126094646  
Conc: 40.33 ng/ml



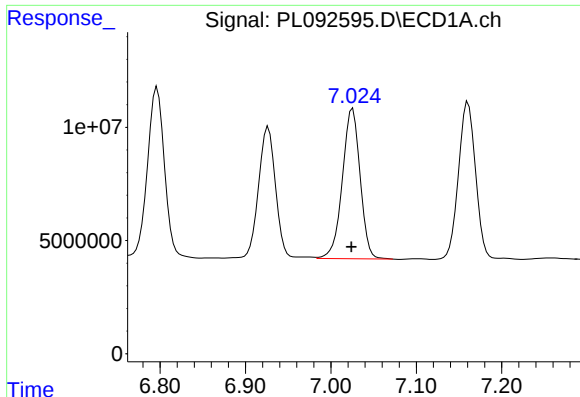
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.002 min  
Response: 87702821  
Conc: 36.30 ng/ml



#16 4,4'-DDD

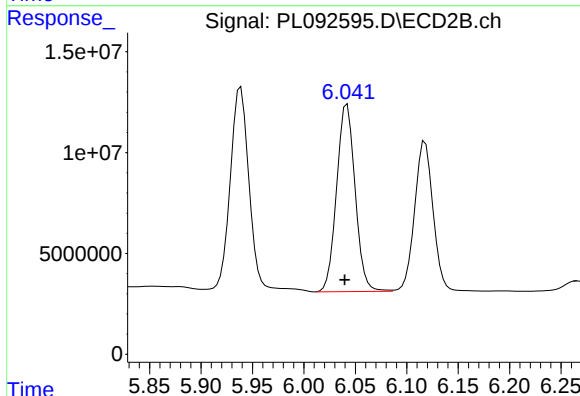
R.T.: 5.792 min  
Delta R.T.: 0.003 min  
Response: 105385154  
Conc: 37.93 ng/ml



#17 4,4'-DDT

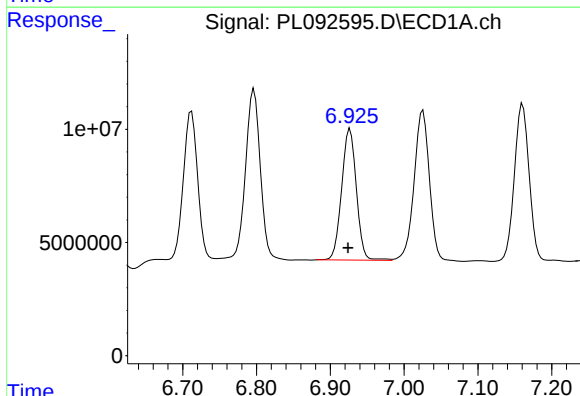
R.T.: 7.026 min  
Delta R.T.: 0.001 min  
Response: 95892492  
Conc: 38.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



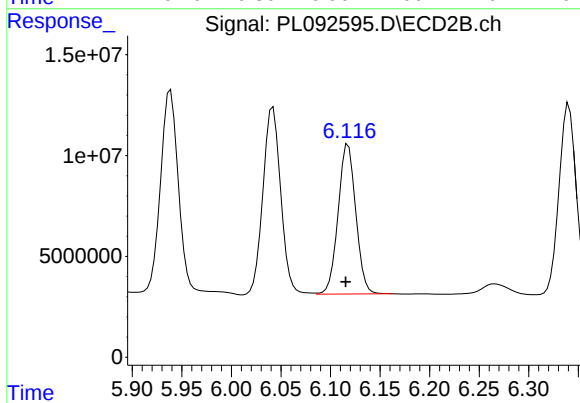
#17 4,4'-DDT

R.T.: 6.042 min  
Delta R.T.: 0.002 min  
Response: 116463811  
Conc: 39.65 ng/ml



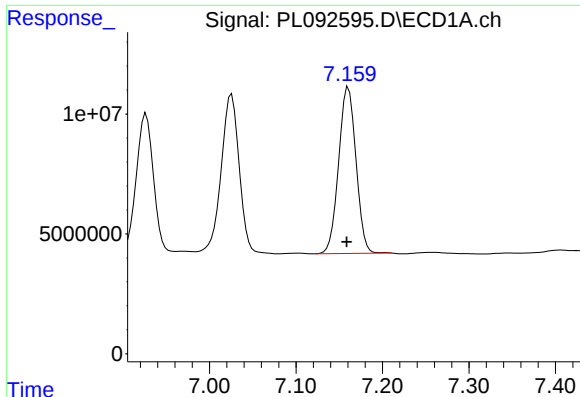
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.003 min  
Response: 80447689  
Conc: 37.66 ng/ml



#18 Endrin aldehyde

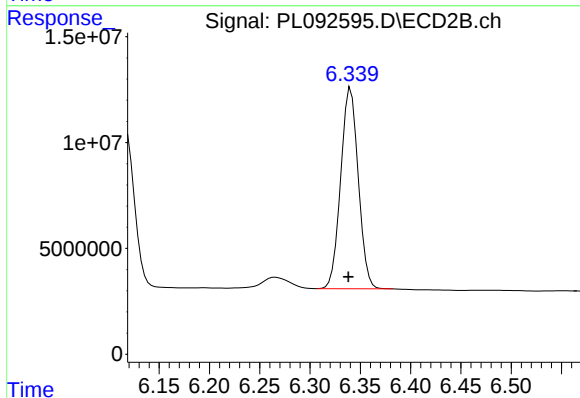
R.T.: 6.118 min  
Delta R.T.: 0.002 min  
Response: 92243158  
Conc: 37.55 ng/ml



#19 Endosulfan Sulfate

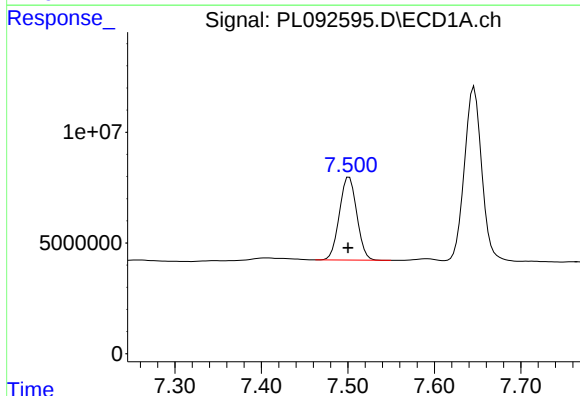
R.T.: 7.161 min  
Delta R.T.: 0.002 min  
Response: 96329759  
Conc: 38.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



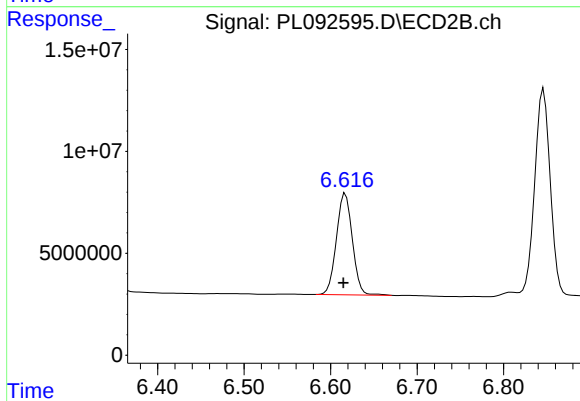
#19 Endosulfan Sulfate

R.T.: 6.341 min  
Delta R.T.: 0.002 min  
Response: 115052362  
Conc: 38.92 ng/ml



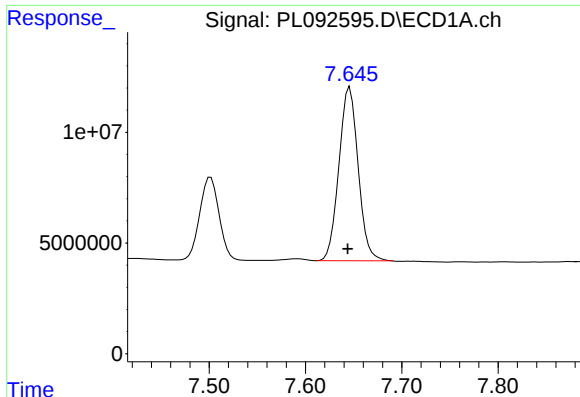
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.001 min  
Response: 51997938  
Conc: 44.15 ng/ml



#20 Methoxychlor

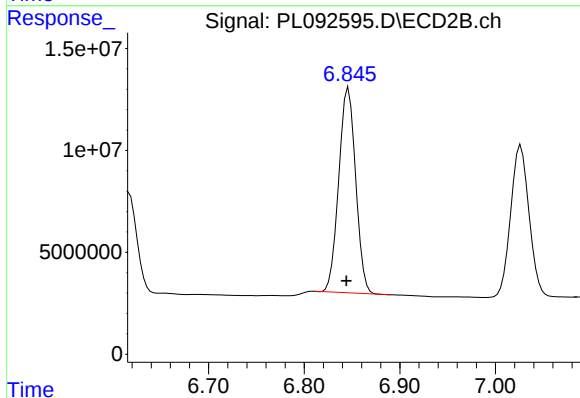
R.T.: 6.617 min  
Delta R.T.: 0.002 min  
Response: 63418422  
Conc: 44.73 ng/ml



#21 Endrin ketone

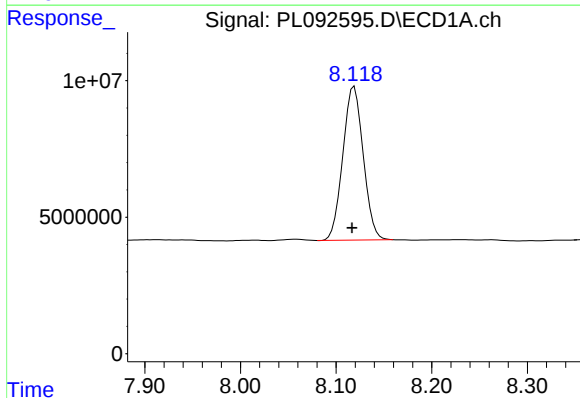
R.T.: 7.646 min  
Delta R.T.: 0.002 min  
Response: 108531242  
Conc: 39.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



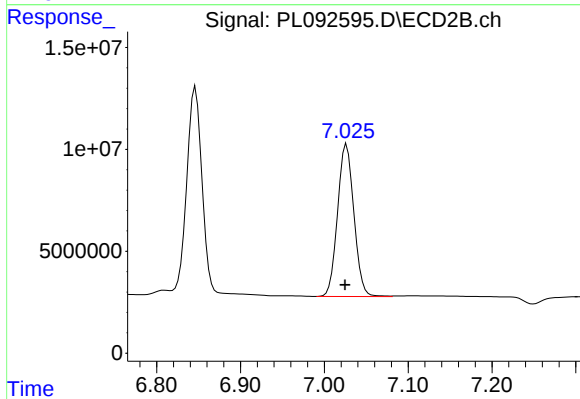
#21 Endrin ketone

R.T.: 6.846 min  
Delta R.T.: 0.002 min  
Response: 123482490  
Conc: 38.44 ng/ml



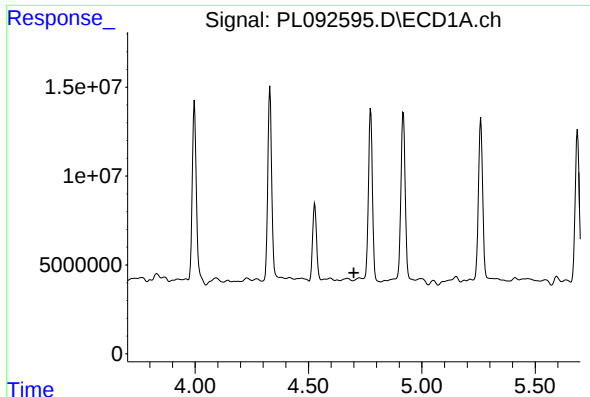
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.002 min  
Response: 83707127  
Conc: 40.12 ng/ml



#22 Mirex

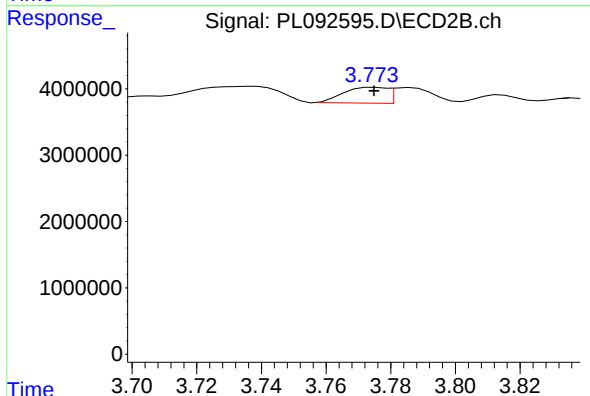
R.T.: 7.027 min  
Delta R.T.: 0.002 min  
Response: 101039493  
Conc: 38.66 ng/ml



#23 Chlordane-1

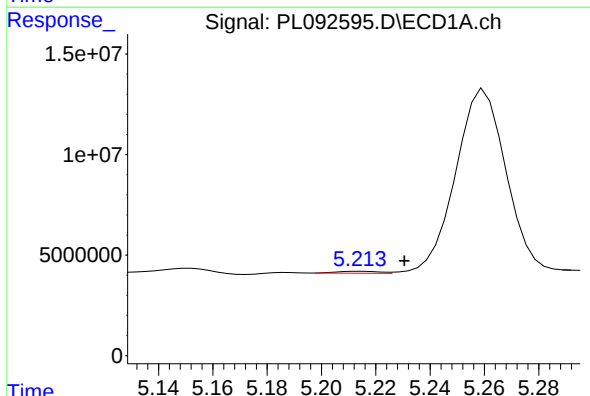
R.T.: 4.725 min  
Delta R.T.: 0.025 min  
Response: -1247377  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



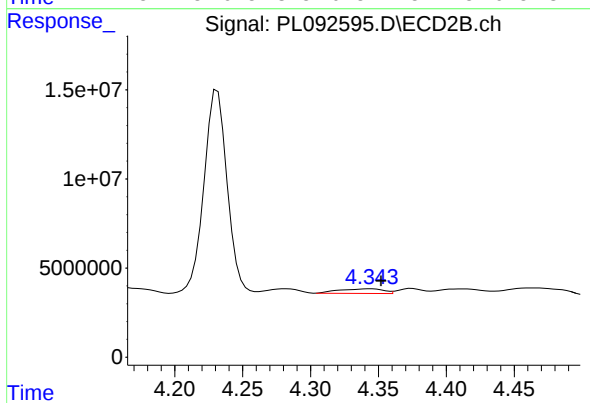
#23 Chlordane-1

R.T.: 3.775 min  
Delta R.T.: 0.000 min  
Response: 2196989  
Conc: 18.49 ng/ml



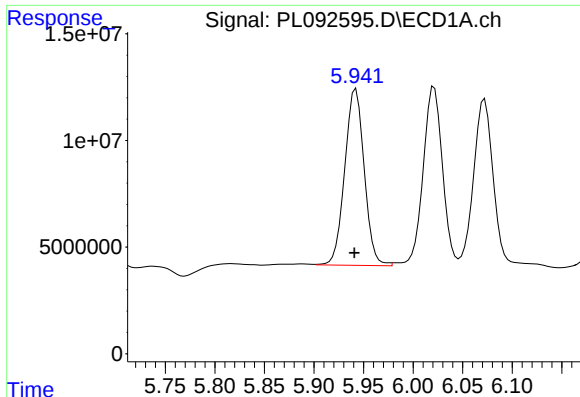
#24 Chlordane-2

R.T.: 5.214 min  
Delta R.T.: -0.016 min  
Response: 1079133  
Conc: 8.14 ng/ml



#24 Chlordane-2

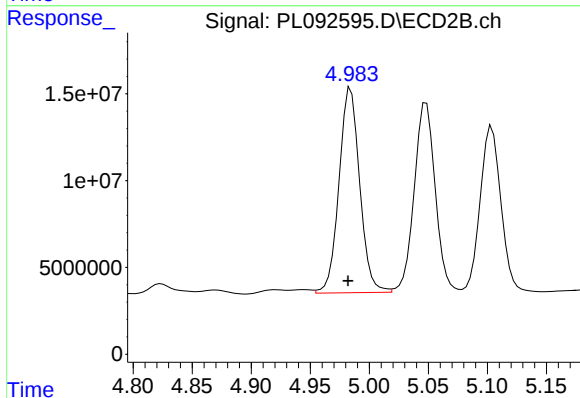
R.T.: 4.344 min  
Delta R.T.: -0.008 min  
Response: 5873963  
Conc: 42.05 ng/ml



#25 Chlordane-3

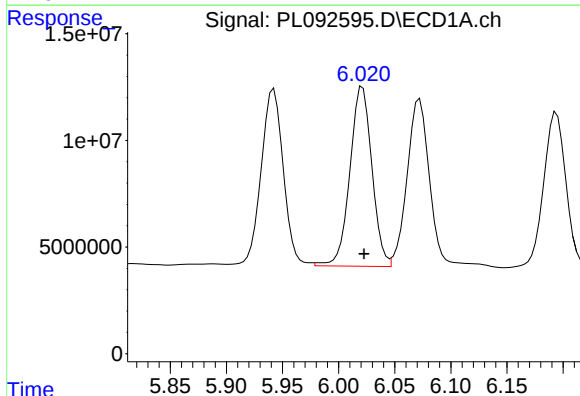
R.T.: 5.942 min  
Delta R.T.: 0.001 min  
Response: 113098055  
Conc: 234.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



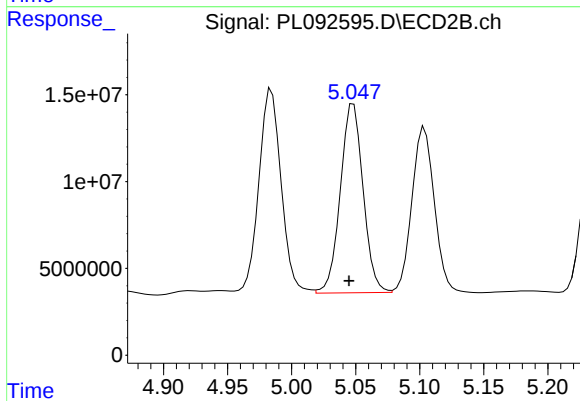
#25 Chlordane-3

R.T.: 4.984 min  
Delta R.T.: 0.002 min  
Response: 144097817  
Conc: 359.48 ng/ml



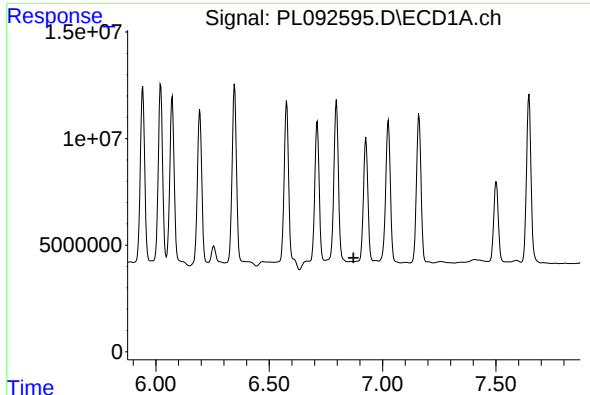
#26 Chlordane-4

R.T.: 6.021 min  
Delta R.T.: -0.001 min  
Response: 115026614  
Conc: 196.71 ng/ml



#26 Chlordane-4

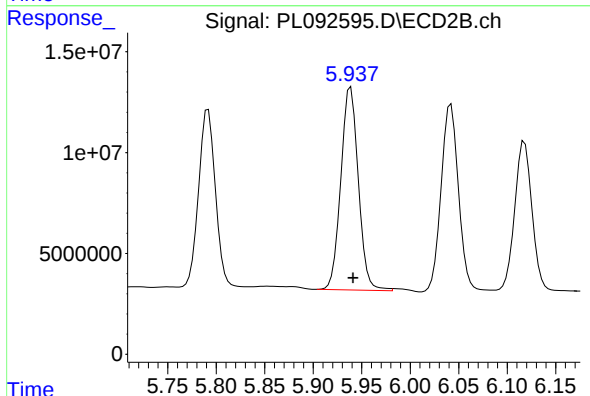
R.T.: 5.048 min  
Delta R.T.: 0.003 min  
Response: 134678150  
Conc: 347.22 ng/ml



#27 Chlordane-5

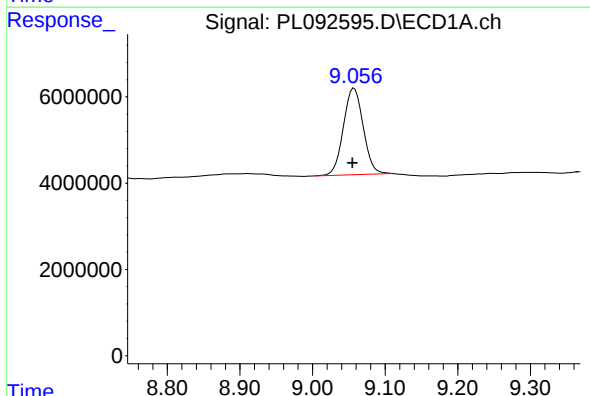
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-28MS



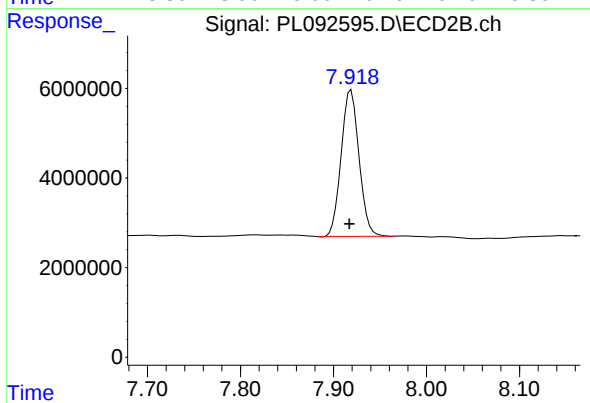
#27 Chlordane-5

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 126094646  
Conc: 901.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.002 min  
Response: 38115942  
Conc: 18.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: 0.002 min  
Response: 43618462  
Conc: 16.55 ng/ml