

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102424\  
 Data File : PL092618.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2024 18:32  
 Operator : AR\AJ  
 Sample : P4508-09MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BP-F22MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 02:25:58 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 | 73384622 | 49506901 | 27.242   | 17.825 #  |
| 28)                         | SA Decachlor... | 9.056  | 7.918 | 37061937 | 50134443 | 18.247   | 19.027    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.997  | 3.282 | 156.1E6  | 186.7E6  | 37.884   | 43.272    |
| 3)                          | MA gamma-BHC... | 4.329  | 3.612 | 146.1E6  | 176.0E6  | 37.989   | 42.743    |
| 4)                          | MA Heptachlor   | 4.918  | 3.951 | 139.8E6  | 181.4E6  | 39.421   | 45.165    |
| 5)                          | MB Aldrin       | 5.260  | 4.231 | 134.2E6  | 169.1E6  | 36.474   | 42.535    |
| 6)                          | B beta-BHC      | 4.527  | 3.912 | 67292904 | 77741713 | 43.350   | 44.527    |
| 7)                          | B delta-BHC     | 4.774  | 4.140 | 140.2E6  | 175.6E6  | 37.259   | 41.740    |
| 8)                          | B Heptachlo...  | 5.686  | 4.733 | 124.3E6  | 156.9E6  | 37.435   | 44.516    |
| 9)                          | A Endosulfan I  | 6.071  | 5.103 | 114.9E6  | 146.4E6  | 38.054   | 45.997    |
| 10)                         | B gamma-Chl...  | 5.942  | 4.983 | 123.6E6  | 163.5E6  | 37.496   | 44.436    |
| 11)                         | B alpha-Chl...  | 6.021  | 5.047 | 123.1E6  | 160.5E6  | 37.790   | 45.151    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.236 | 110.8E6  | 155.5E6  | 37.363   | 44.725    |
| 13)                         | MA Dieldrin     | 6.346  | 5.368 | 119.9E6  | 159.5E6  | 36.877   | 43.648    |
| 14)                         | MA Endrin       | 6.576  | 5.643 | 103.1E6  | 144.2E6  | 36.497   | 44.017    |
| 15)                         | B Endosulfa...  | 6.795  | 5.938 | 113.5E6  | 137.3E6  | 40.117   | 43.926    |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.791 | 92156075 | 117.5E6  | 38.145   | 42.311    |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.042 | 98854477 | 133.6E6  | 40.086   | 45.485    |
| 18)                         | B Endrin al...  | 6.926  | 6.117 | 83264514 | 103.6E6  | 38.980   | 42.175    |
| 19)                         | B Endosulfa...  | 7.160  | 6.340 | 101.0E6  | 125.7E6  | 39.970   | 42.507    |
| 20)                         | A Methoxychlor  | 7.501  | 6.617 | 53206819 | 67771017 | 45.178   | 47.798    |
| 21)                         | B Endrin ke...  | 7.646  | 6.846 | 111.9E6  | 140.6E6  | 40.688   | 43.780    |
| 22)                         | Mirex           | 8.119  | 7.026 | 84784068 | 114.7E6  | 40.632   | 43.905    |
| 23)                         | Chlordane-1     | 0.000  | 3.777 | 0        | 387703   | N.D.     | 3.263 #   |
| 24)                         | Chlordane-2     | 5.260f | 4.369 | 134.2E6  | 727477   | 1012.705 | 5.208 #   |
| 25)                         | Chlordane-3     | 5.942  | 4.983 | 123.6E6  | 163.5E6  | 256.159  | 407.847 # |
| 26)                         | Chlordane-4     | 6.021  | 5.047 | 123.1E6  | 160.5E6  | 210.450  | 413.714 # |
| 27)                         | Chlordane-5     | 0.000  | 5.938 | 0        | 137.3E6  | N.D.     | 981.396 # |
| -----                       |                 |        |       |          |          |          |           |

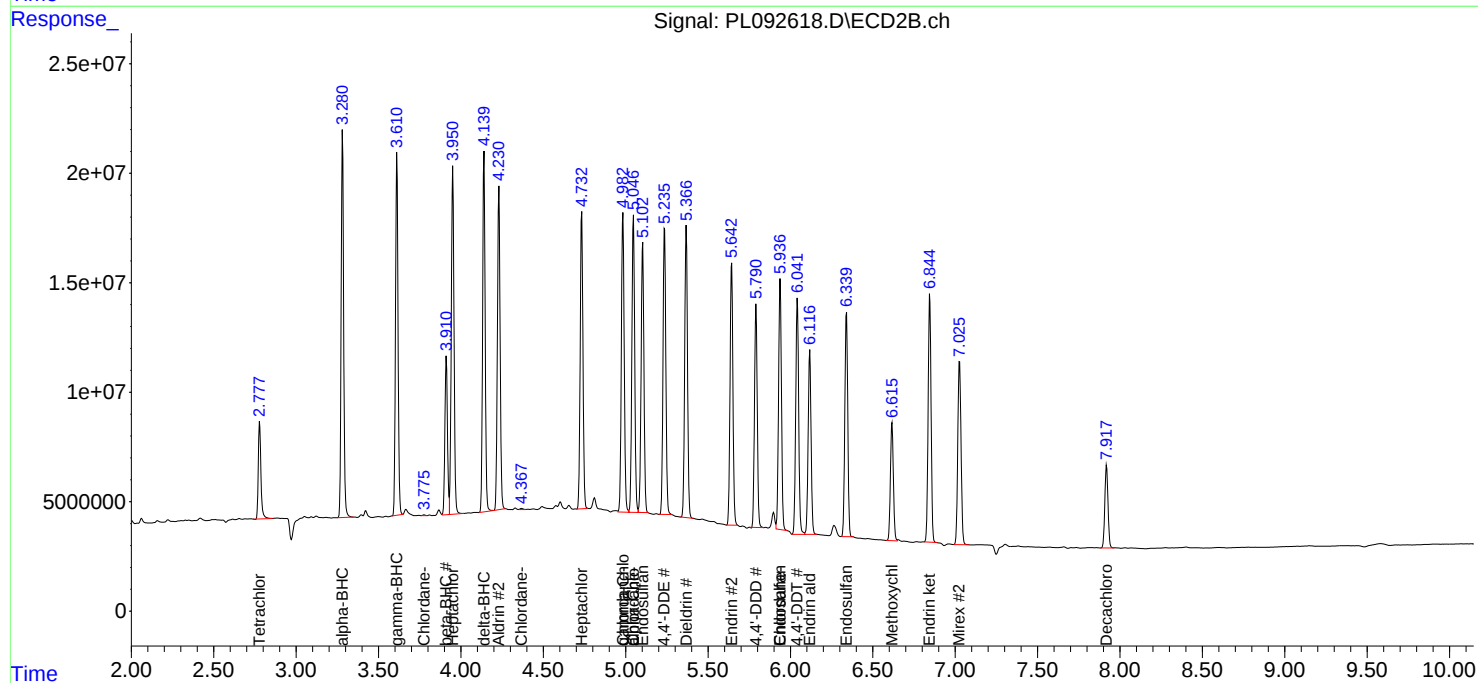
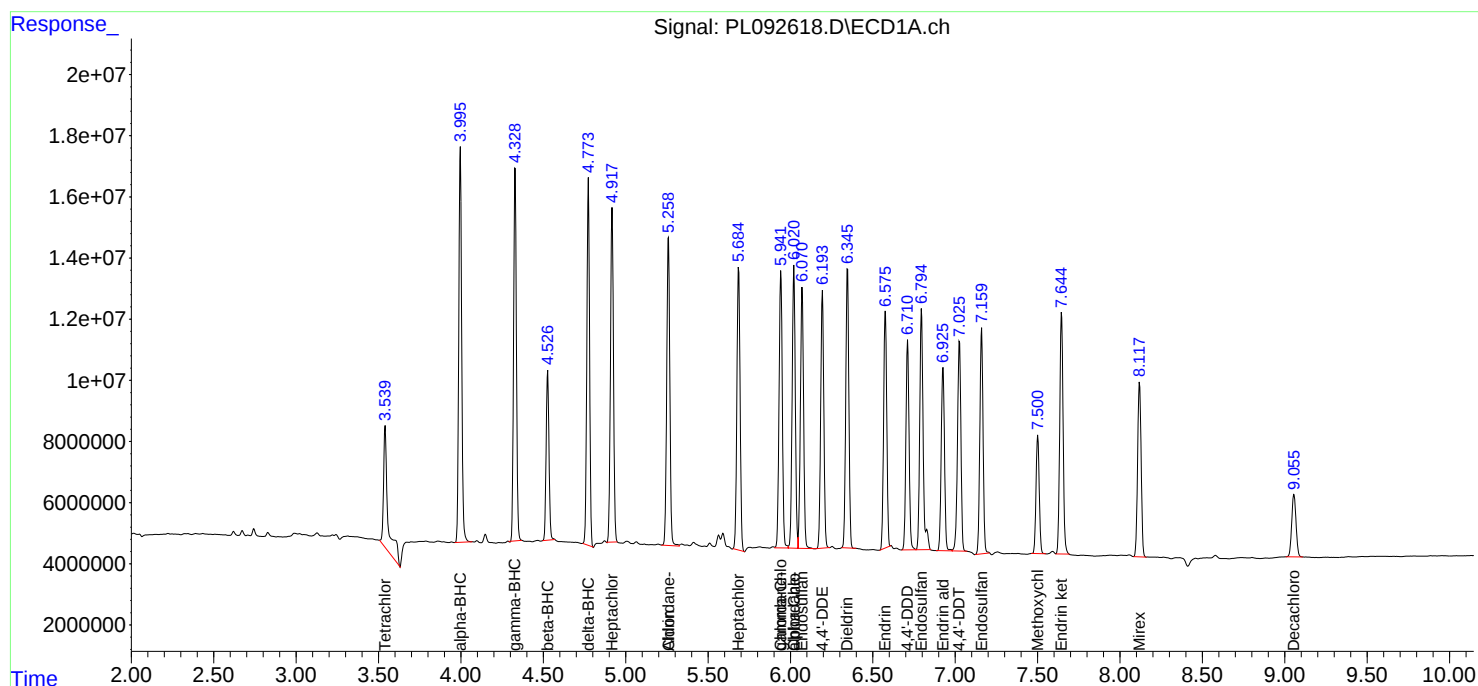
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

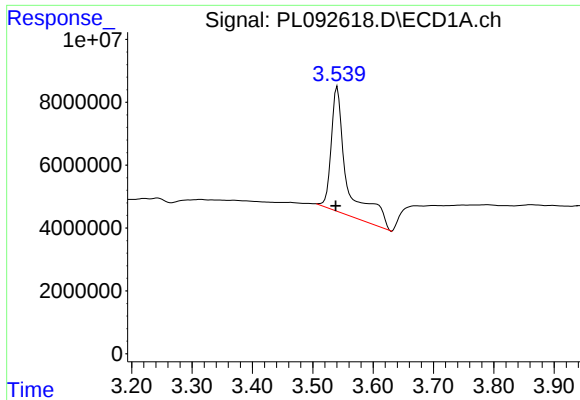
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102424\  
Data File : PL092618.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2024 18:32  
Operator : AR\AJ  
Sample : P4508-09MS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 02:25:58 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

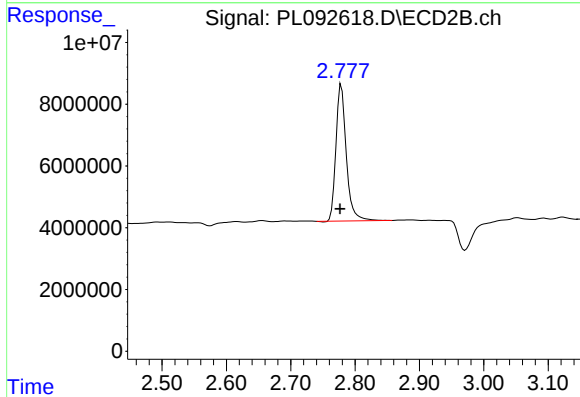




#1 Tetrachloro-m-xylene

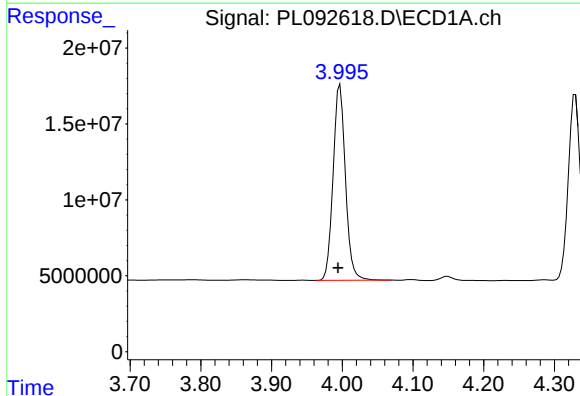
R.T.: 3.541 min  
Delta R.T.: 0.003 min  
Response: 73384622  
Conc: 27.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



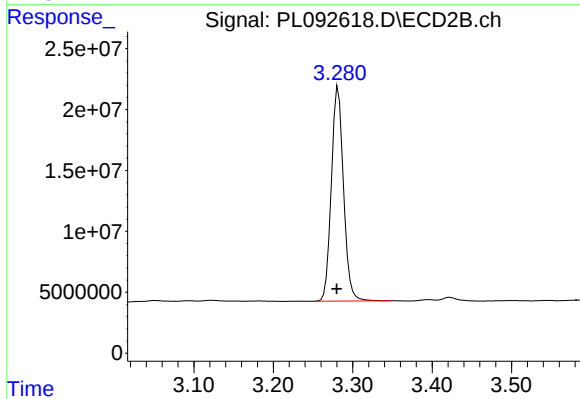
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.002 min  
Response: 49506901  
Conc: 17.82 ng/ml



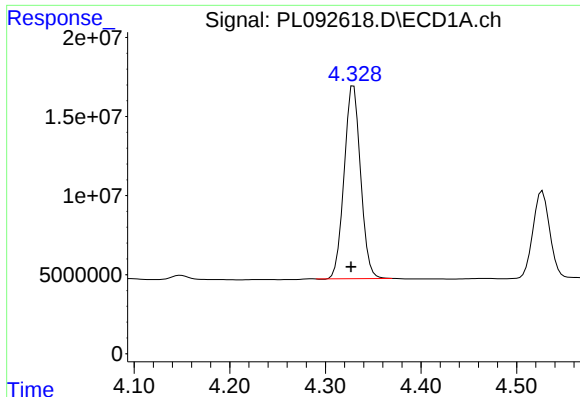
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.003 min  
Response: 156127560  
Conc: 37.88 ng/ml



#2 alpha-BHC

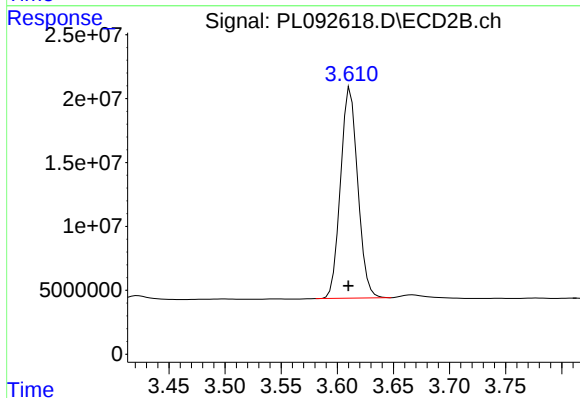
R.T.: 3.282 min  
Delta R.T.: 0.002 min  
Response: 186720635  
Conc: 43.27 ng/ml



#3 gamma-BHC (Lindane)

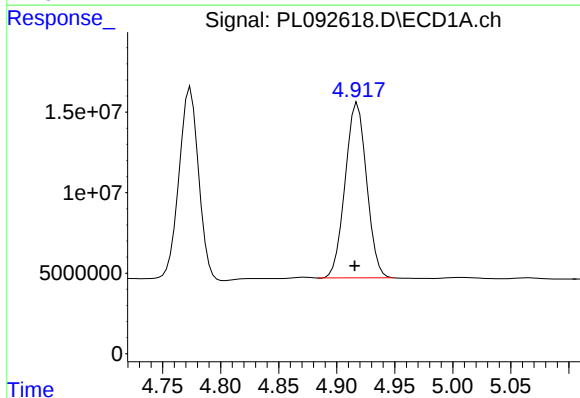
R.T.: 4.329 min  
Delta R.T.: 0.003 min  
Response: 146135559  
Conc: 37.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



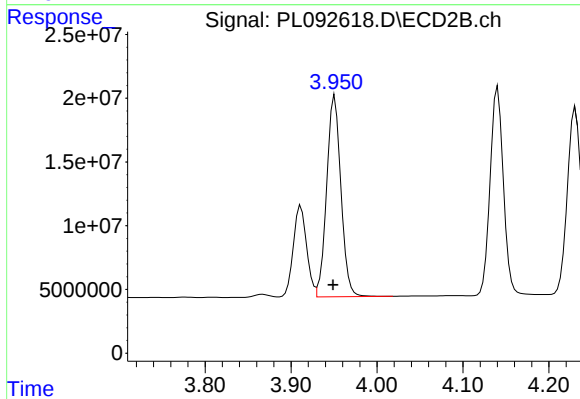
#3 gamma-BHC (Lindane)

R.T.: 3.612 min  
Delta R.T.: 0.002 min  
Response: 176015065  
Conc: 42.74 ng/ml



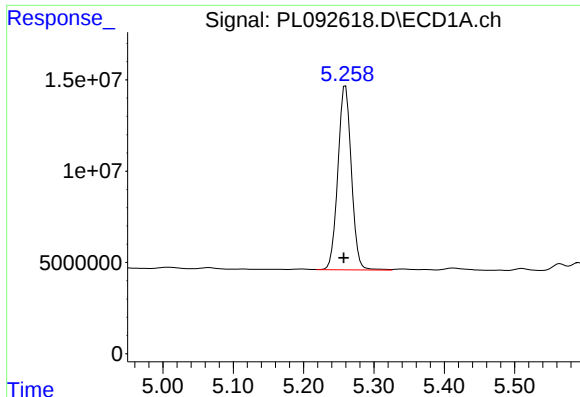
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.002 min  
Response: 139777435  
Conc: 39.42 ng/ml



#4 Heptachlor

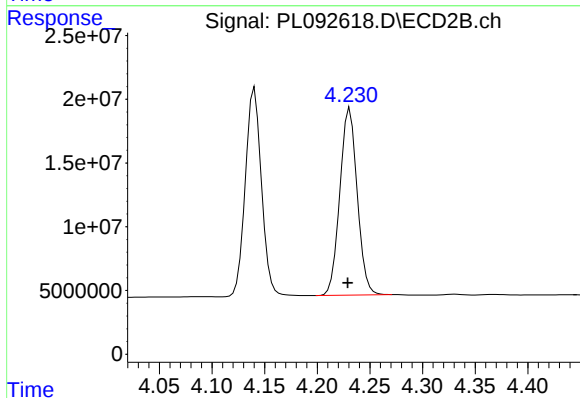
R.T.: 3.951 min  
Delta R.T.: 0.002 min  
Response: 181372435  
Conc: 45.17 ng/ml



#5 Aldrin

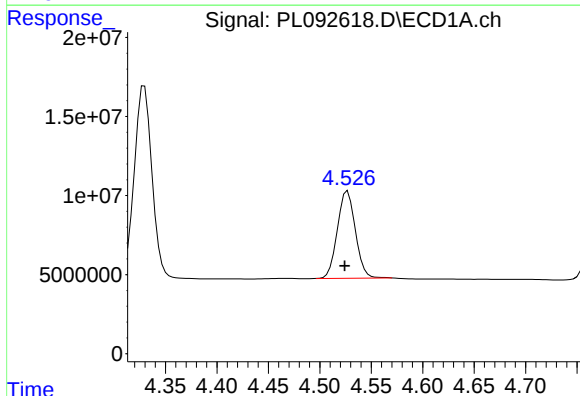
R.T.: 5.260 min  
Delta R.T.: 0.003 min  
Response: 134175709  
Conc: 36.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



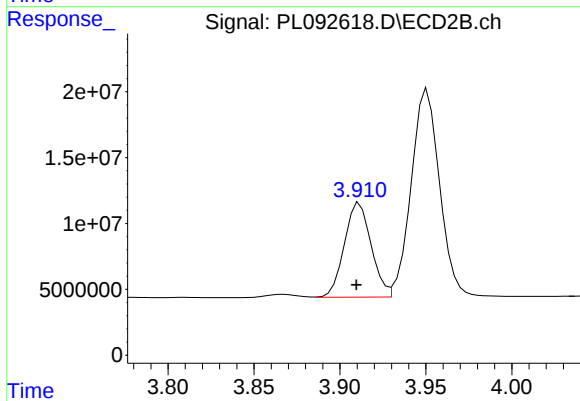
#5 Aldrin

R.T.: 4.231 min  
Delta R.T.: 0.002 min  
Response: 169097143  
Conc: 42.53 ng/ml



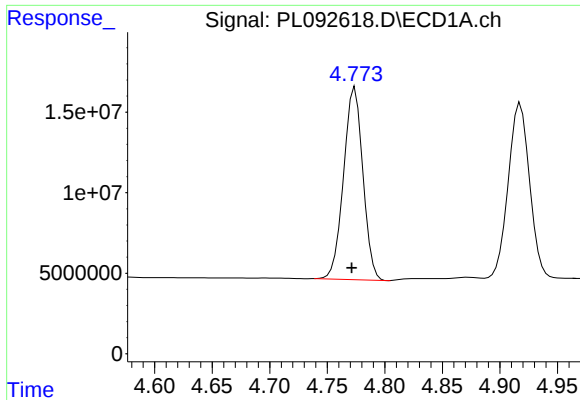
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.003 min  
Response: 67292904  
Conc: 43.35 ng/ml



#6 beta-BHC

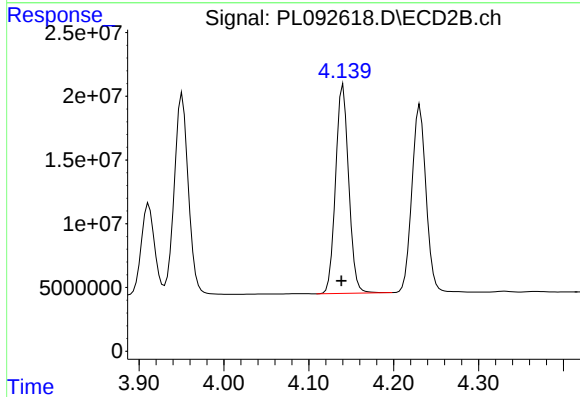
R.T.: 3.912 min  
Delta R.T.: 0.002 min  
Response: 77741713  
Conc: 44.53 ng/ml



#7 delta-BHC

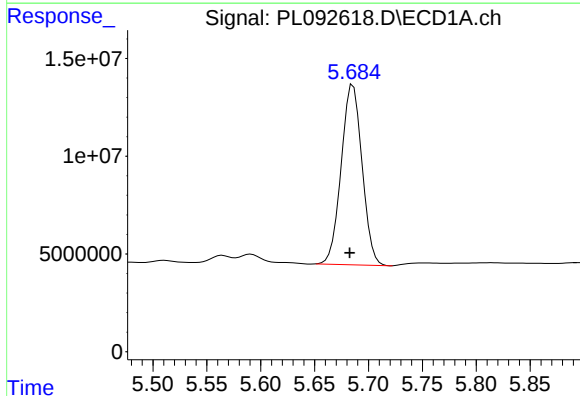
R.T.: 4.774 min  
Delta R.T.: 0.003 min  
Response: 140171270  
Conc: 37.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



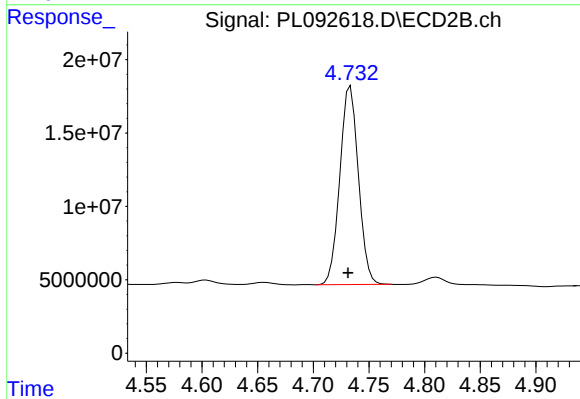
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.002 min  
Response: 175568338  
Conc: 41.74 ng/ml



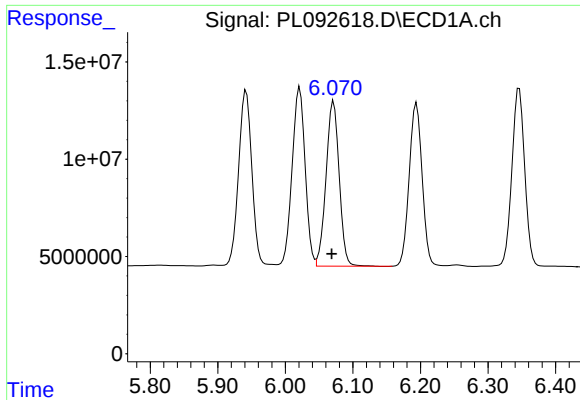
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: 0.003 min  
Response: 124311572  
Conc: 37.43 ng/ml



#8 Heptachlor epoxide

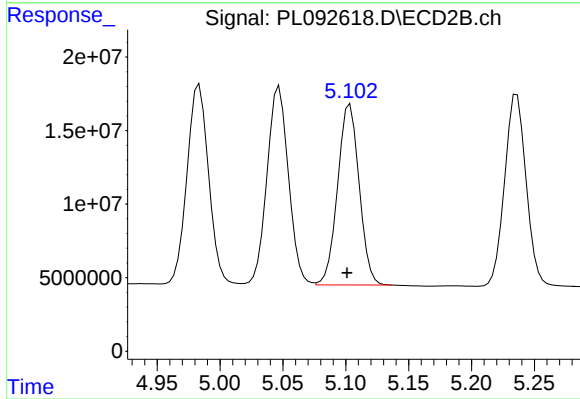
R.T.: 4.733 min  
Delta R.T.: 0.002 min  
Response: 156853367  
Conc: 44.52 ng/ml



#9 Endosulfan I

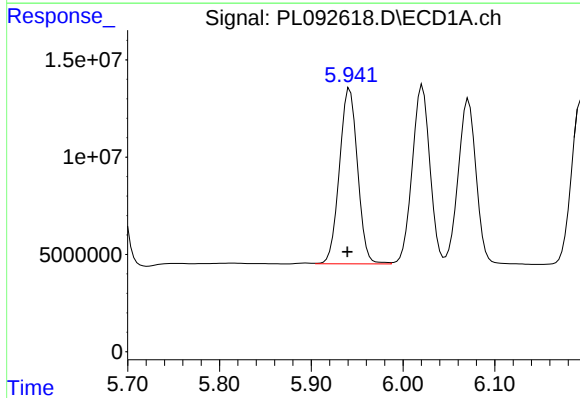
R.T.: 6.071 min  
Delta R.T.: 0.003 min  
Response: 114898472  
Conc: 38.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



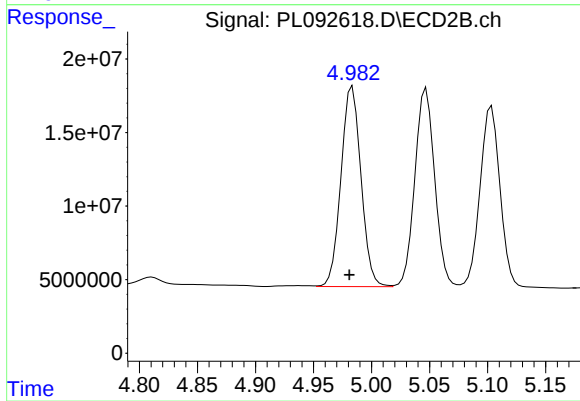
#9 Endosulfan I

R.T.: 5.103 min  
Delta R.T.: 0.002 min  
Response: 146410074  
Conc: 46.00 ng/ml



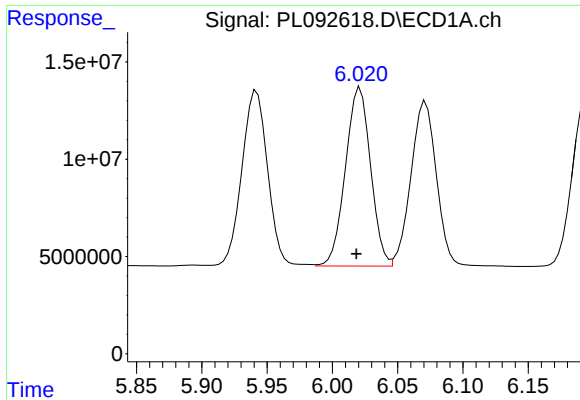
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.003 min  
Response: 123623395  
Conc: 37.50 ng/ml



#10 gamma-Chlordane

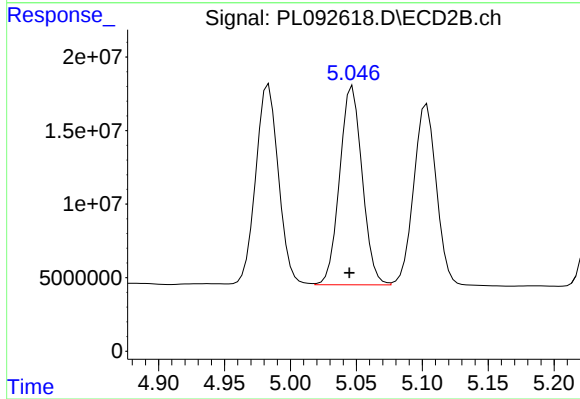
R.T.: 4.983 min  
Delta R.T.: 0.003 min  
Response: 163487483  
Conc: 44.44 ng/ml



#11 alpha-Chlordane

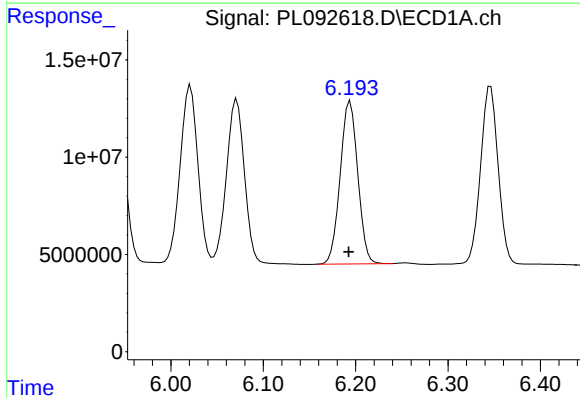
R.T.: 6.021 min  
Delta R.T.: 0.003 min  
Response: 123058044  
Conc: 37.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



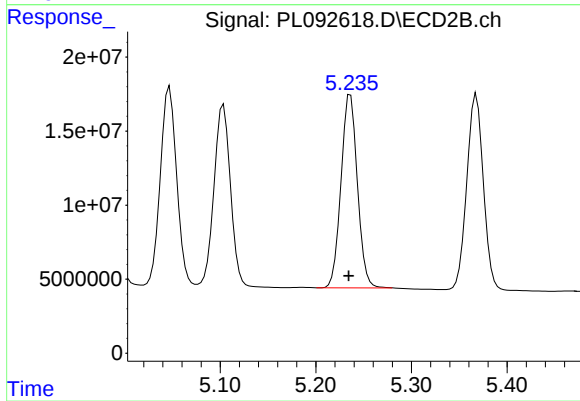
#11 alpha-Chlordane

R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 160468013  
Conc: 45.15 ng/ml



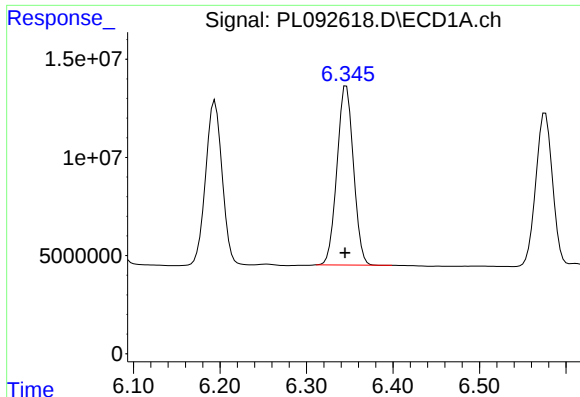
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: 0.002 min  
Response: 110815838  
Conc: 37.36 ng/ml



#12 4,4'-DDE

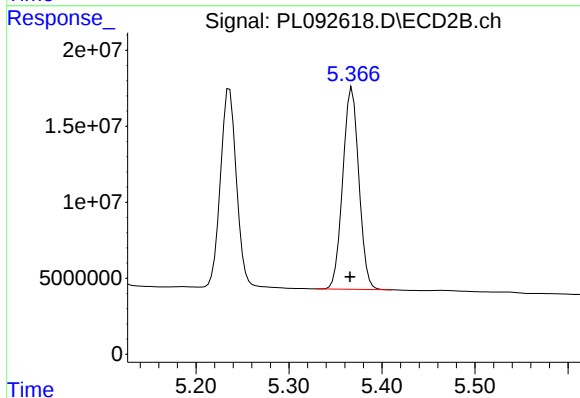
R.T.: 5.236 min  
Delta R.T.: 0.002 min  
Response: 155522950  
Conc: 44.72 ng/ml



#13 Dieldrin

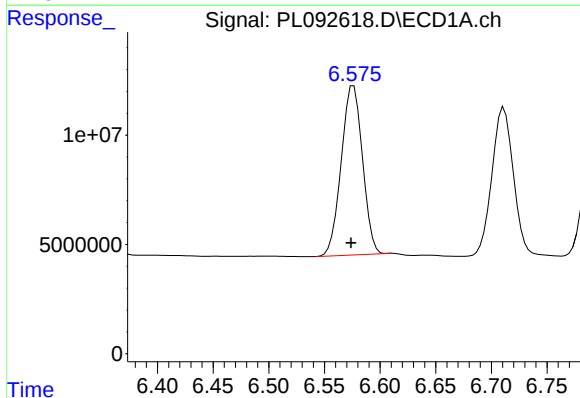
R.T.: 6.346 min  
Delta R.T.: 0.002 min  
Response: 119919723  
Conc: 36.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



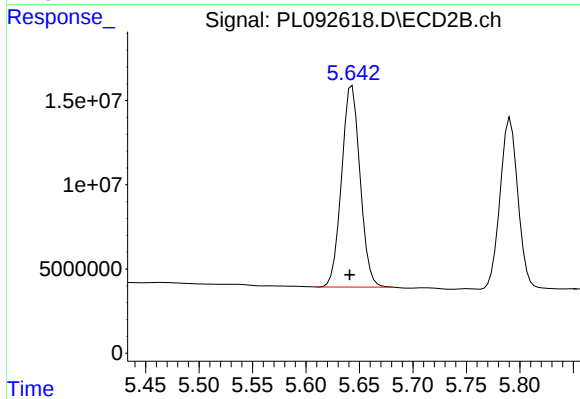
#13 Dieldrin

R.T.: 5.368 min  
Delta R.T.: 0.002 min  
Response: 159506140  
Conc: 43.65 ng/ml



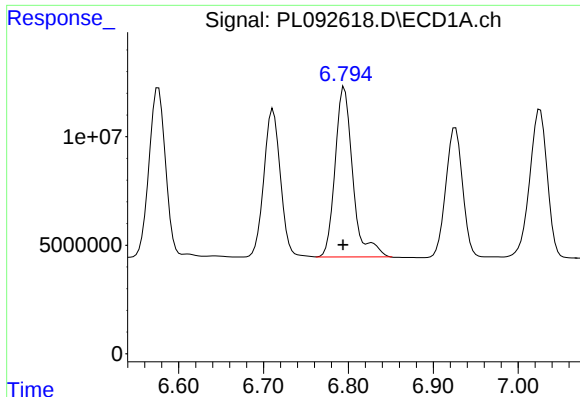
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.002 min  
Response: 103059448  
Conc: 36.50 ng/ml



#14 Endrin

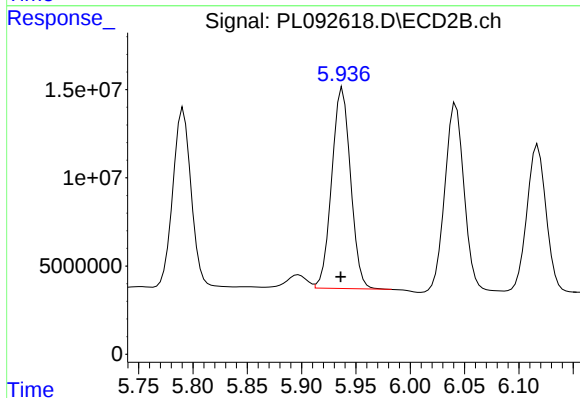
R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 144151931  
Conc: 44.02 ng/ml



#15 Endosulfan II

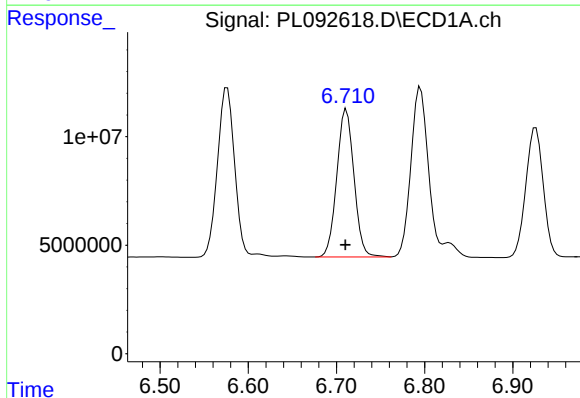
R.T.: 6.795 min  
Delta R.T.: 0.002 min  
Response: 113521363  
Conc: 40.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



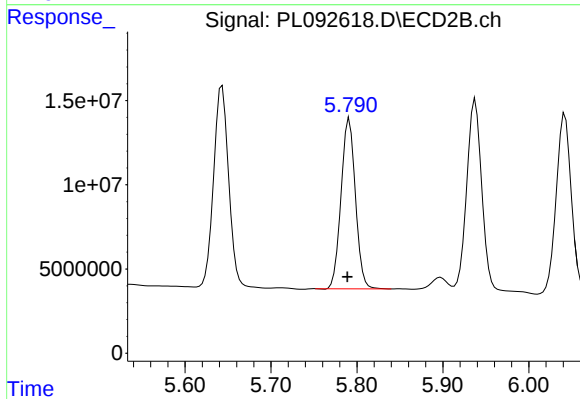
#15 Endosulfan II

R.T.: 5.938 min  
Delta R.T.: 0.002 min  
Response: 137321415  
Conc: 43.93 ng/ml



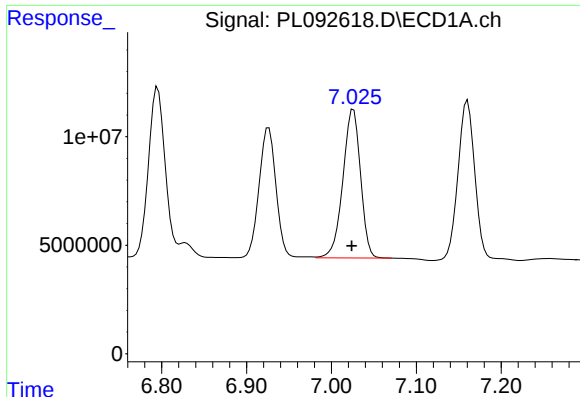
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.001 min  
Response: 92156075  
Conc: 38.14 ng/ml



#16 4,4'-DDD

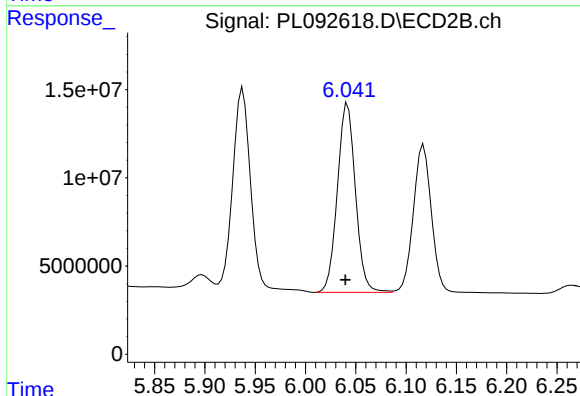
R.T.: 5.791 min  
Delta R.T.: 0.002 min  
Response: 117548327  
Conc: 42.31 ng/ml



#17 4,4'-DDT

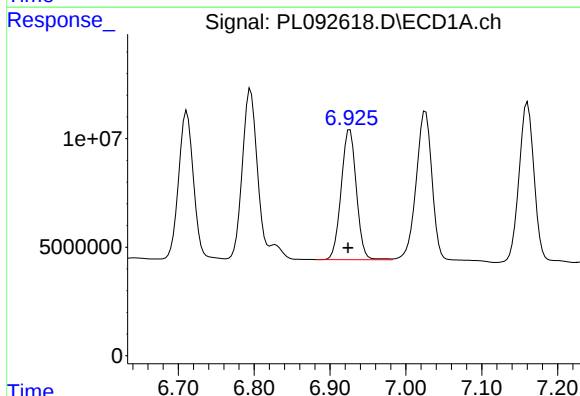
R.T.: 7.026 min  
Delta R.T.: 0.002 min  
Response: 98854477  
Conc: 40.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



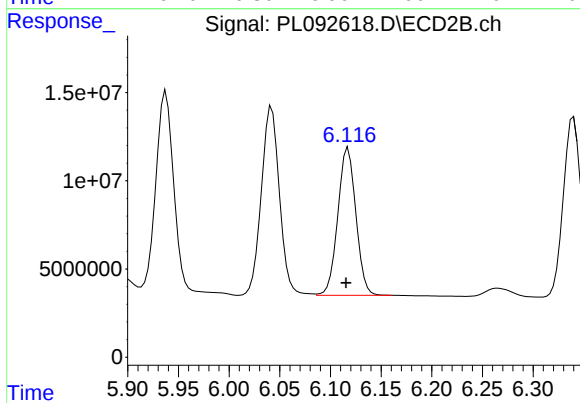
#17 4,4'-DDT

R.T.: 6.042 min  
Delta R.T.: 0.002 min  
Response: 133588511  
Conc: 45.49 ng/ml



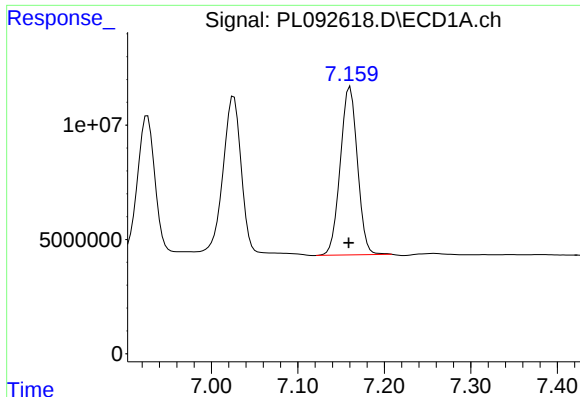
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 83264514  
Conc: 38.98 ng/ml



#18 Endrin aldehyde

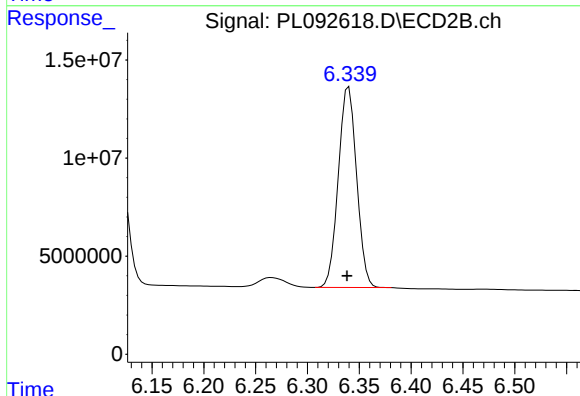
R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 103606076  
Conc: 42.18 ng/ml



#19 Endosulfan Sulfate

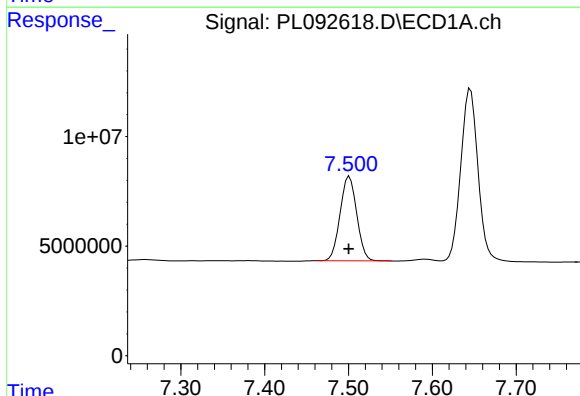
R.T.: 7.160 min  
Delta R.T.: 0.002 min  
Response: 100990073  
Conc: 39.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



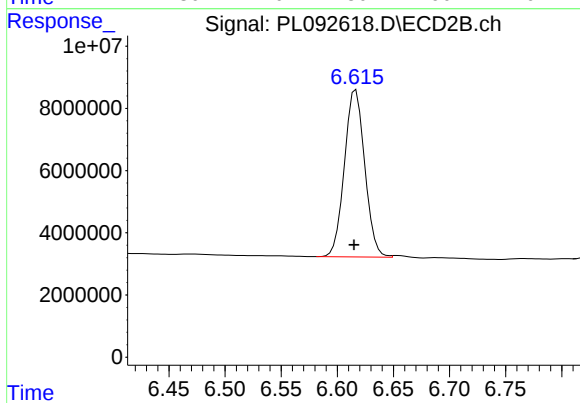
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 125662069  
Conc: 42.51 ng/ml



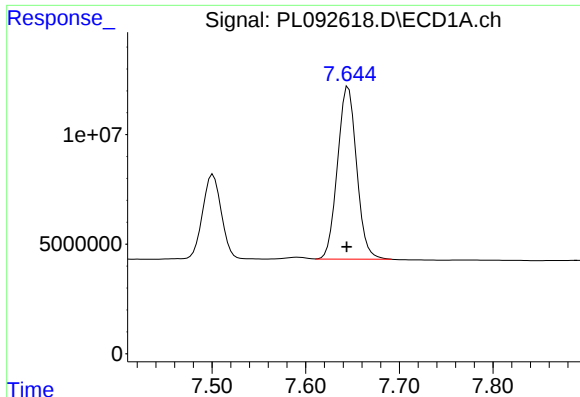
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 53206819  
Conc: 45.18 ng/ml



#20 Methoxychlor

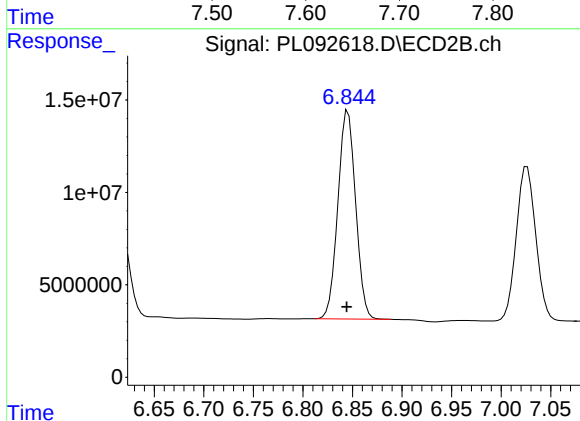
R.T.: 6.617 min  
Delta R.T.: 0.002 min  
Response: 67771017  
Conc: 47.80 ng/ml



#21 Endrin ketone

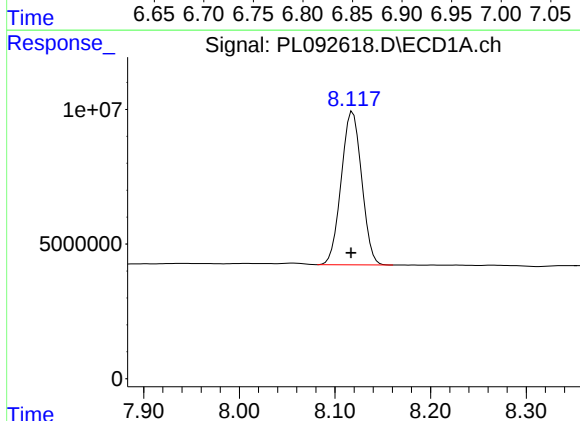
R.T.: 7.646 min  
Delta R.T.: 0.002 min  
Response: 111885354  
Conc: 40.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



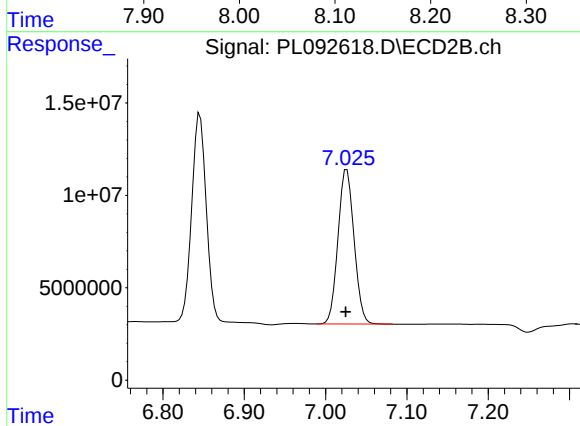
#21 Endrin ketone

R.T.: 6.846 min  
Delta R.T.: 0.001 min  
Response: 140628866  
Conc: 43.78 ng/ml



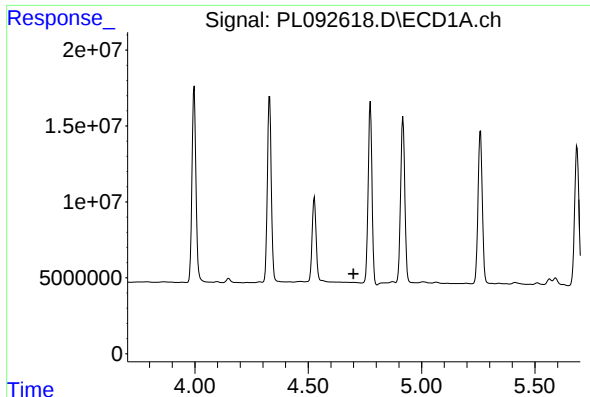
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.002 min  
Response: 84784068  
Conc: 40.63 ng/ml



#22 Mirex

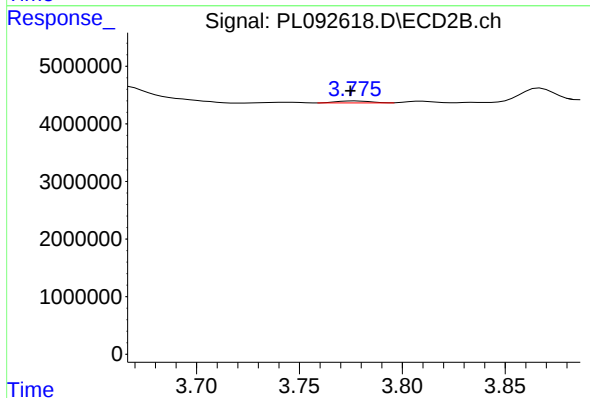
R.T.: 7.026 min  
Delta R.T.: 0.001 min  
Response: 114745660  
Conc: 43.90 ng/ml



#23 Chlordane-1

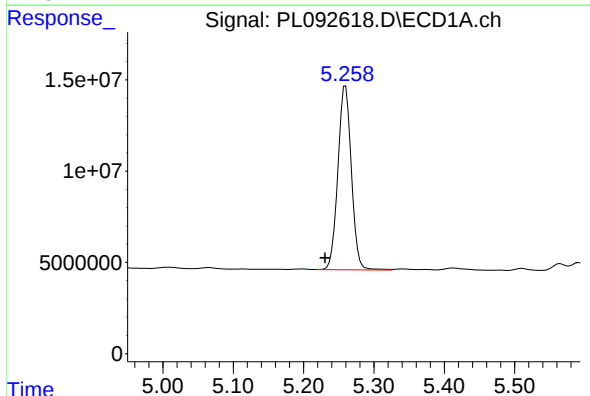
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



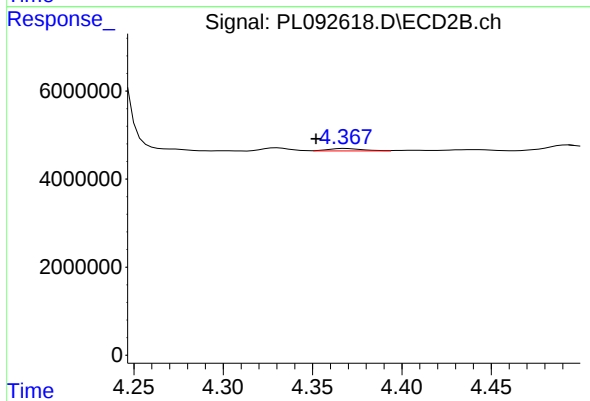
#23 Chlordane-1

R.T.: 3.777 min  
Delta R.T.: 0.002 min  
Response: 387703  
Conc: 3.26 ng/ml



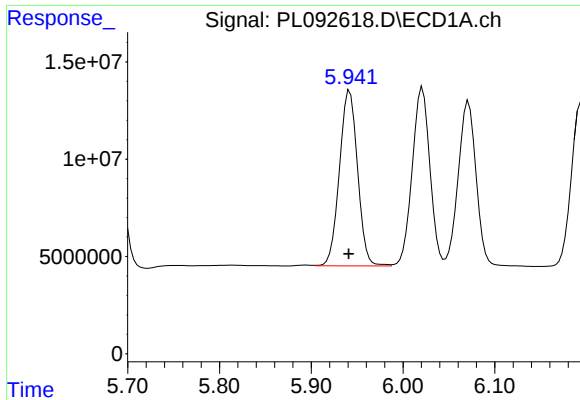
#24 Chlordane-2

R.T.: 5.260 min  
Delta R.T.: 0.029 min  
Response: 134175709  
Conc: 1012.70 ng/ml



#24 Chlordane-2

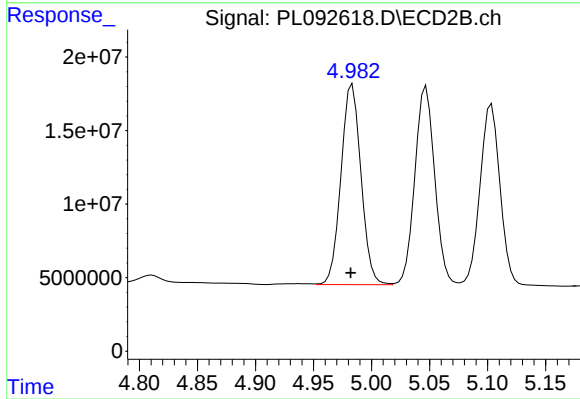
R.T.: 4.369 min  
Delta R.T.: 0.017 min  
Response: 727477  
Conc: 5.21 ng/ml



#25 Chlordane-3

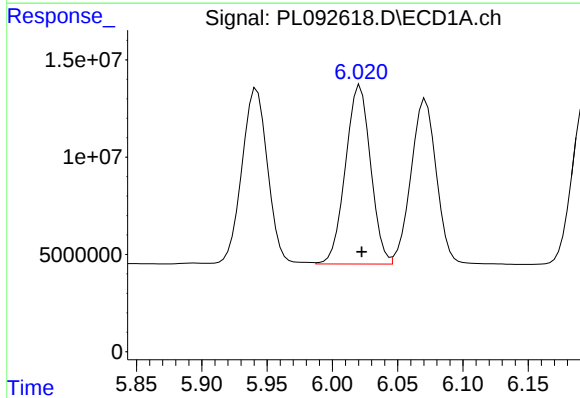
R.T.: 5.942 min  
Delta R.T.: 0.001 min  
Response: 123623395  
Conc: 256.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



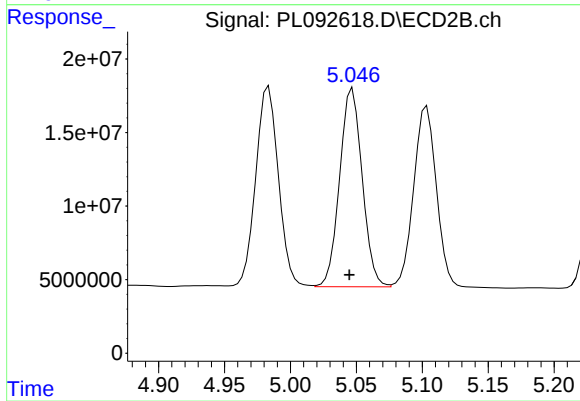
#25 Chlordane-3

R.T.: 4.983 min  
Delta R.T.: 0.001 min  
Response: 163487483  
Conc: 407.85 ng/ml



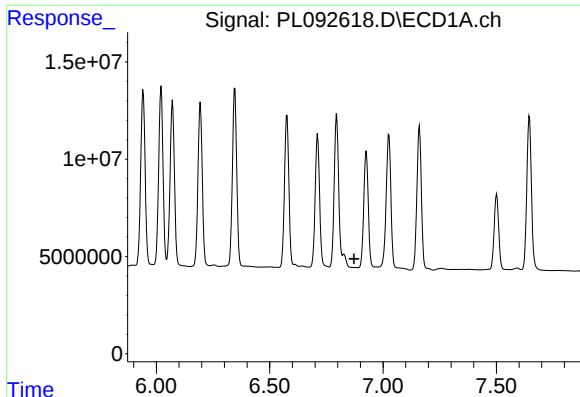
#26 Chlordane-4

R.T.: 6.021 min  
Delta R.T.: -0.001 min  
Response: 123058044  
Conc: 210.45 ng/ml



#26 Chlordane-4

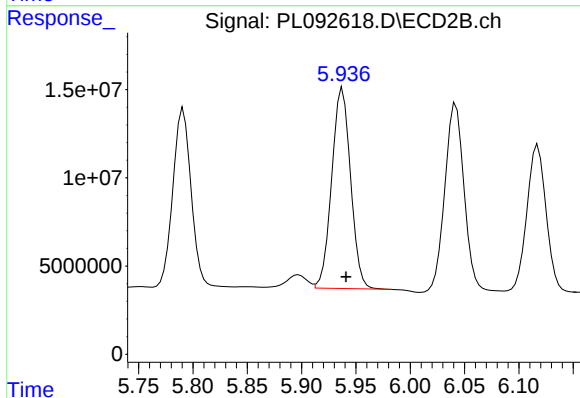
R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 160468013  
Conc: 413.71 ng/ml



#27 Chlordane-5

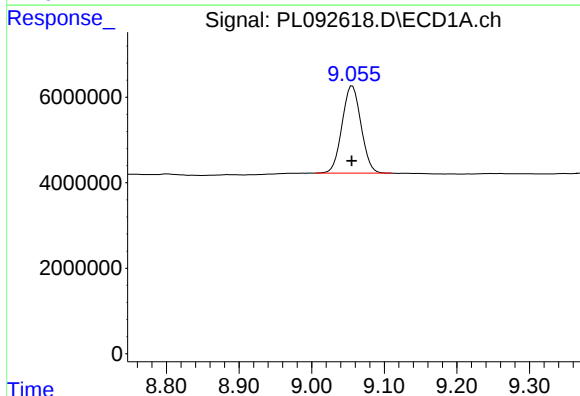
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F22MS



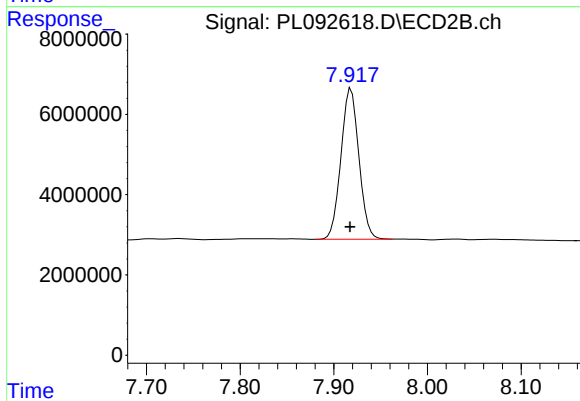
#27 Chlordane-5

R.T.: 5.938 min  
Delta R.T.: -0.003 min  
Response: 137321415  
Conc: 981.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.001 min  
Response: 37061937  
Conc: 18.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min  
Delta R.T.: 0.001 min  
Response: 50134443  
Conc: 19.03 ng/ml