

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020425\  
 Data File : PL094041.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2025 11:29  
 Operator : AR\AJ  
 Sample : PB166481BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB166481BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 01:37:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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... | 3.547 | 2.775  | 57676788 | 66679239 | 21.419  | 20.428     |
| 28)                         | SA Decachlor... | 9.066 | 7.914  | 38449537 | 64682415 | 18.380  | 18.459     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.004 | 3.278  | 185.3E6  | 238.8E6  | 48.330  | 48.842     |
| 3)                          | MA gamma-BHC... | 4.336 | 3.608  | 174.6E6  | 226.0E6  | 47.404  | 47.674     |
| 4)                          | MA Heptachlor   | 4.924 | 3.946  | 161.7E6  | 215.0E6  | 49.347  | 46.183     |
| 5)                          | MB Aldrin       | 5.265 | 4.226  | 162.0E6  | 212.0E6  | 49.512  | 46.466     |
| 6)                          | B beta-BHC      | 4.534 | 3.908  | 77894291 | 97477203 | 48.462  | 48.801     |
| 7)                          | B delta-BHC     | 4.781 | 4.137  | 171.6E6  | 216.2E6  | 48.947  | 45.496     |
| 8)                          | B Heptachlo...  | 5.692 | 4.729  | 137.5E6  | 207.1E6  | 46.240  | 49.543     |
| 9)                          | A Endosulfan I  | 6.077 | 5.099  | 125.8E6  | 194.4E6  | 47.617  | 50.147     |
| 10)                         | B gamma-Chl...  | 5.948 | 4.979  | 139.7E6  | 219.2E6  | 50.109  | 51.718     |
| 11)                         | B alpha-Chl...  | 6.027 | 5.043  | 135.2E6  | 210.5E6  | 48.477  | 50.281     |
| 12)                         | B 4,4'-DDE      | 6.201 | 5.232  | 125.0E6  | 206.5E6  | 51.335  | 51.515     |
| 13)                         | MA Dieldrin     | 6.353 | 5.363  | 132.0E6  | 209.0E6  | 47.542  | 48.651     |
| 14)                         | MA Endrin       | 6.583 | 5.638  | 102.4E6  | 176.4E6  | 43.663  | 47.766     |
| 15)                         | B Endosulfa...  | 6.803 | 5.934  | 110.3E6  | 193.3E6  | 45.774  | 52.182     |
| 16)                         | A 4,4'-DDD      | 6.719 | 5.786  | 98007741 | 180.2E6  | 51.568  | 57.081     |
| 17)                         | MA 4,4'-DDT     | 7.032 | 6.037  | 87326664 | 150.6E6  | 44.282  | 46.294     |
| 18)                         | B Endrin al...  | 6.933 | 6.113  | 87053008 | 141.3E6  | 44.779  | 46.416     |
| 19)                         | B Endosulfa...  | 7.167 | 6.336  | 100.4E6  | 173.1E6  | 44.372  | 48.531     |
| 20)                         | A Methoxychlor  | 7.508 | 6.612  | 44391198 | 68905601 | 42.545  | 38.535     |
| 21)                         | B Endrin ke...  | 7.652 | 6.842  | 112.5E6  | 204.3E6  | 44.599  | 48.707     |
| 22)                         | Mirex           | 8.125 | 7.022  | 85281597 | 138.1E6  | 40.952  | 40.832     |
| 23)                         | Chlordane-1     | 0.000 | 3.762  | 0        | 48052    | N.D.    | 0.385 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.366f | 0        | 879078   | N.D.    | 5.991 #    |
| 25)                         | Chlordane-3     | 5.948 | 4.979  | 139.7E6  | 219.2E6  | 356.065 | 504.029 #  |
| 26)                         | Chlordane-4     | 6.027 | 5.043  | 135.2E6  | 210.5E6  | 287.539 | 496.863 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.934  | 0        | 193.3E6  | N.D.    | 1261.887 # |
| -----                       |                 |       |        |          |          |         |            |

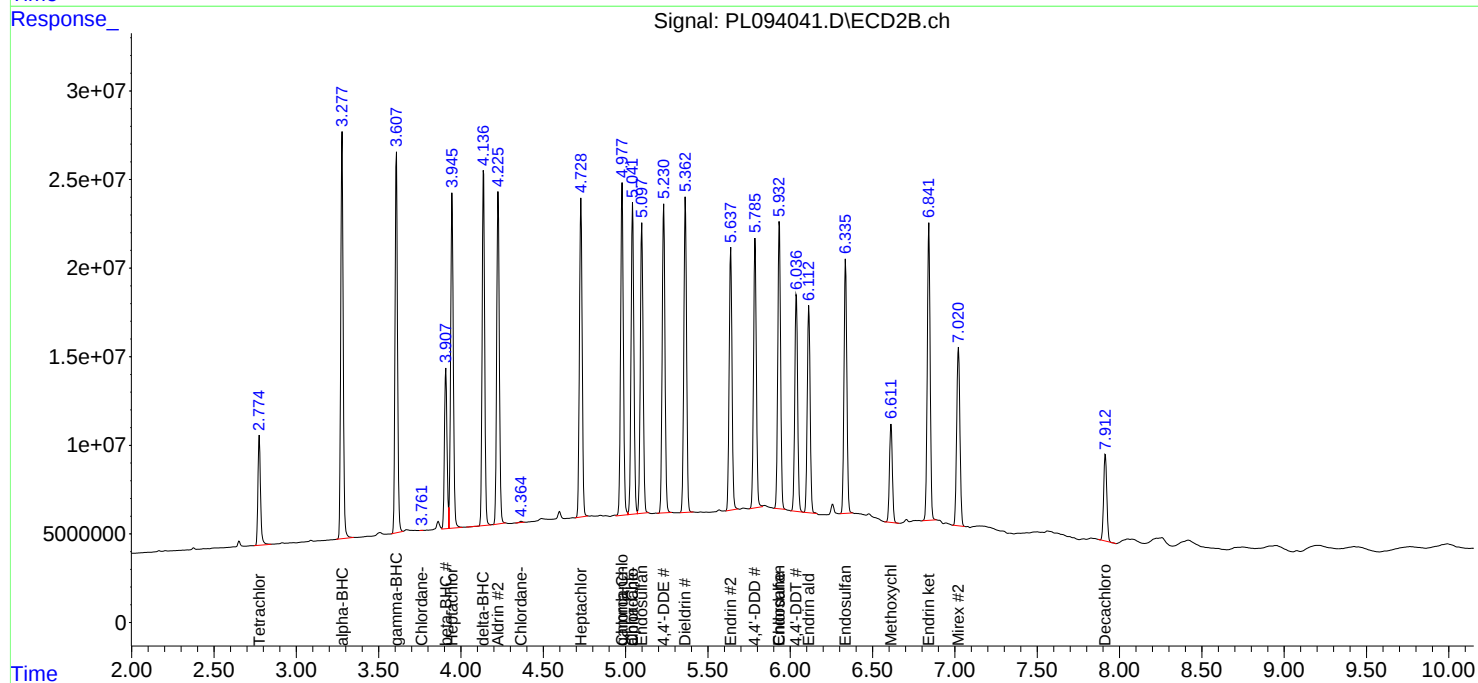
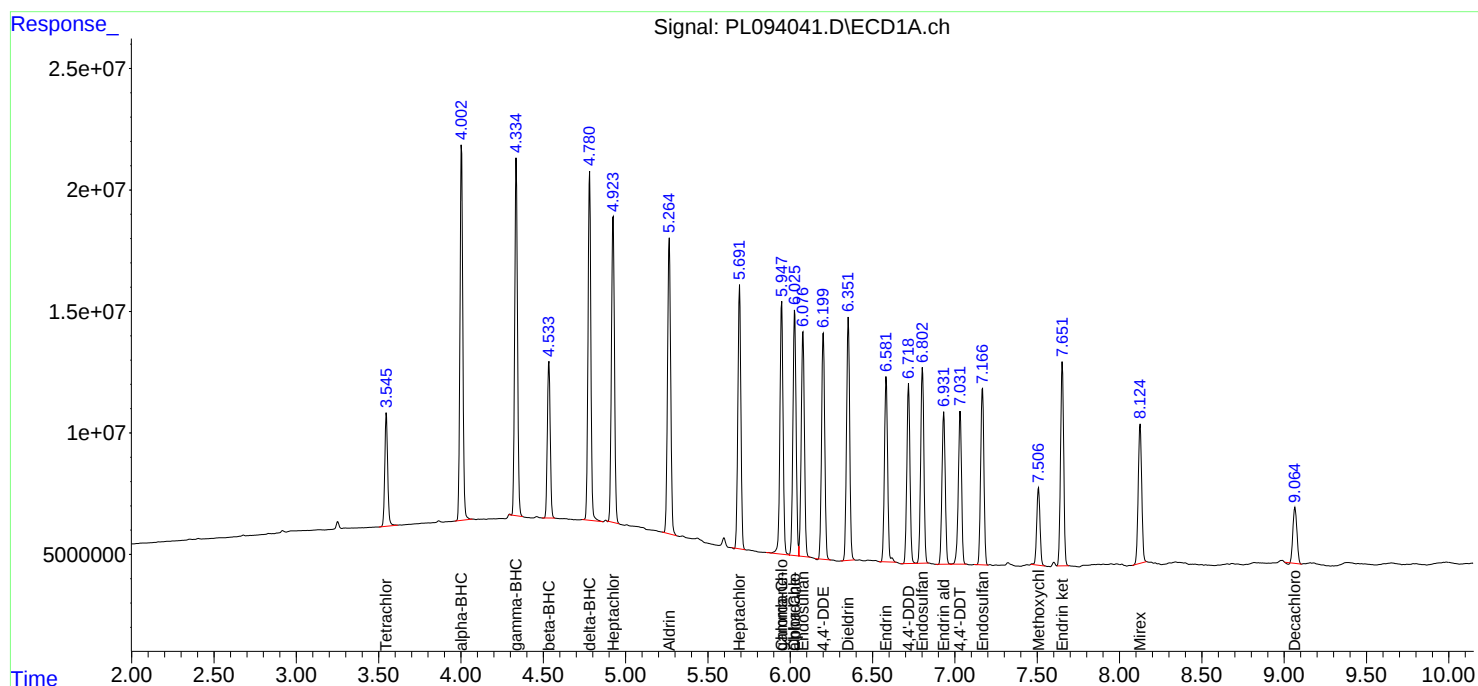
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

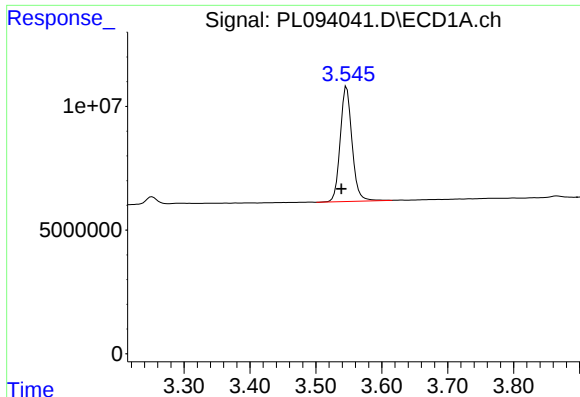
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020425\  
Data File : PL094041.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2025 11:29  
Operator : AR\AJ  
Sample : PB166481BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 01:37:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

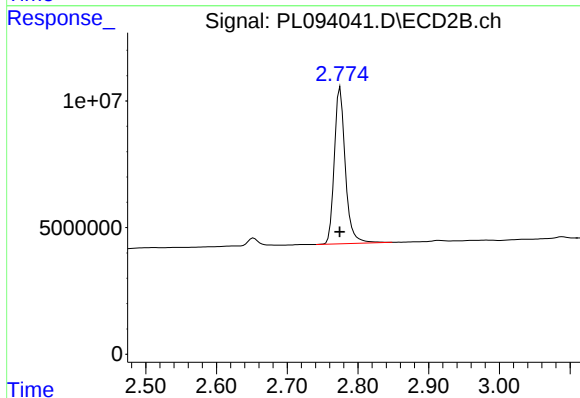




#1 Tetrachloro-m-xylene

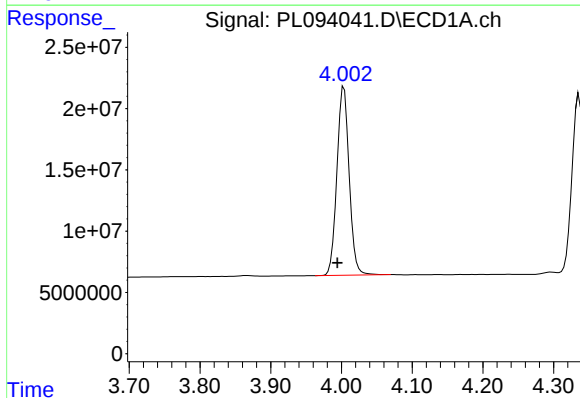
R.T.: 3.547 min  
Delta R.T.: 0.008 min  
Response: 57676788  
Conc: 21.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



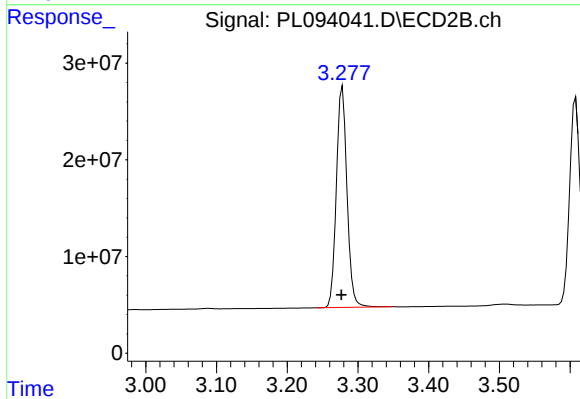
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: 0.000 min  
Response: 66679239  
Conc: 20.43 ng/ml



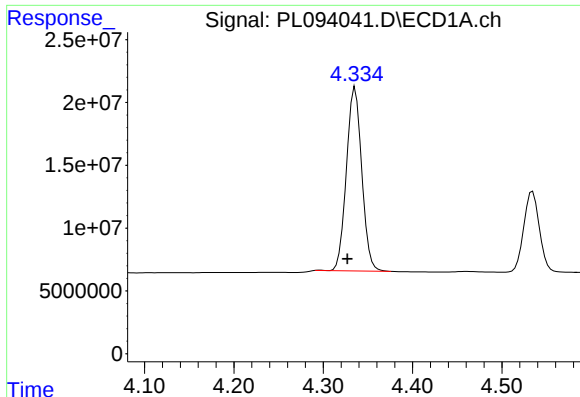
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.009 min  
Response: 185289133  
Conc: 48.33 ng/ml



#2 alpha-BHC

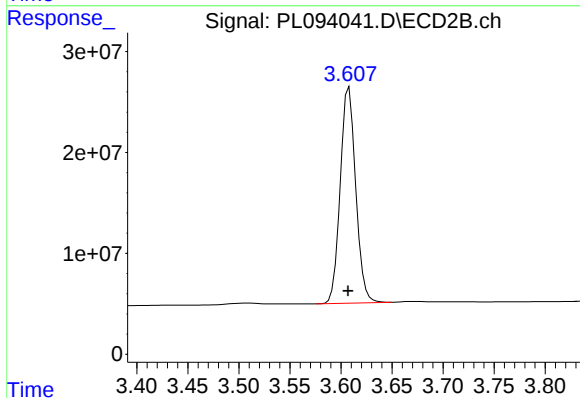
R.T.: 3.278 min  
Delta R.T.: 0.001 min  
Response: 238786750  
Conc: 48.84 ng/ml



#3 gamma-BHC (Lindane)

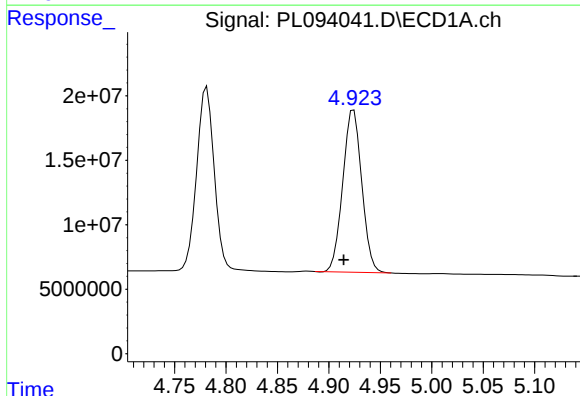
R.T.: 4.336 min  
Delta R.T.: 0.009 min  
Response: 174580675  
Conc: 47.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



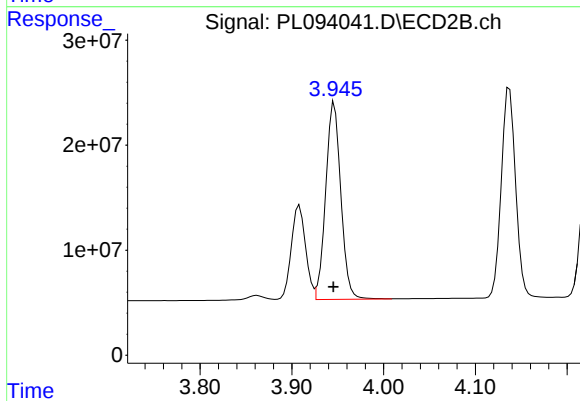
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: 0.000 min  
Response: 226034417  
Conc: 47.67 ng/ml



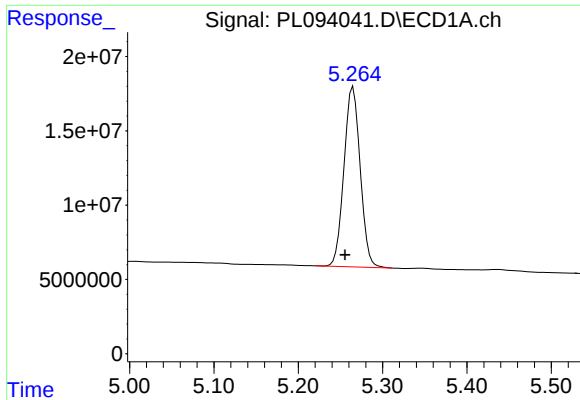
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: 0.010 min  
Response: 161728241  
Conc: 49.35 ng/ml



#4 Heptachlor

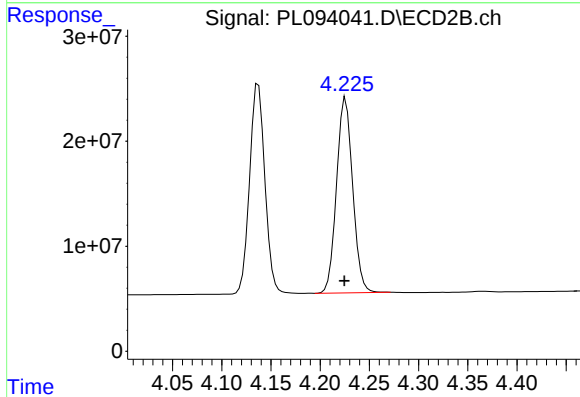
R.T.: 3.946 min  
Delta R.T.: 0.000 min  
Response: 214972666  
Conc: 46.18 ng/ml



#5 Aldrin

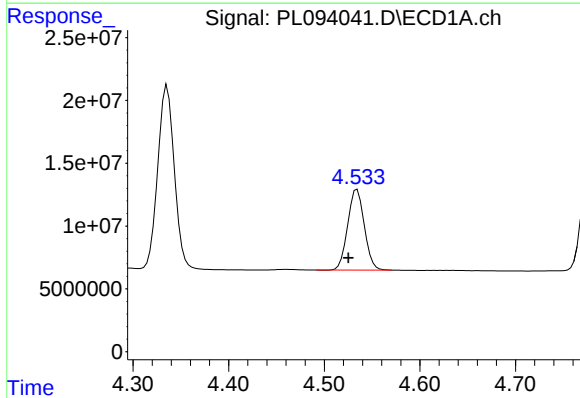
R.T.: 5.265 min  
Delta R.T.: 0.009 min  
Response: 162001881  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



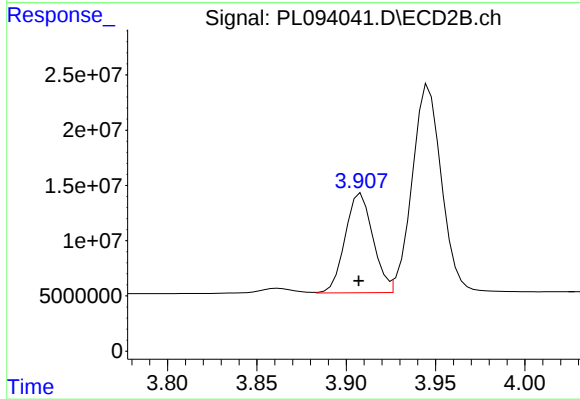
#5 Aldrin

R.T.: 4.226 min  
Delta R.T.: 0.001 min  
Response: 211966860  
Conc: 46.47 ng/ml



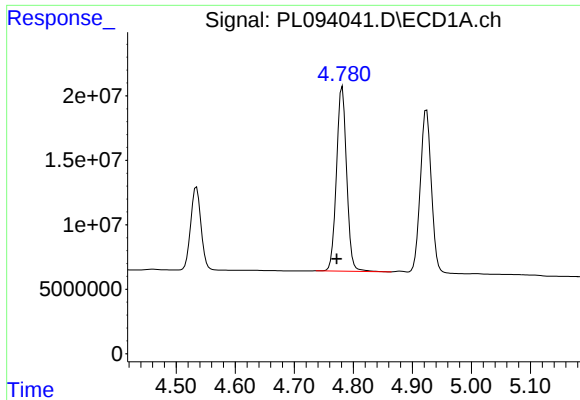
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.009 min  
Response: 77894291  
Conc: 48.46 ng/ml



#6 beta-BHC

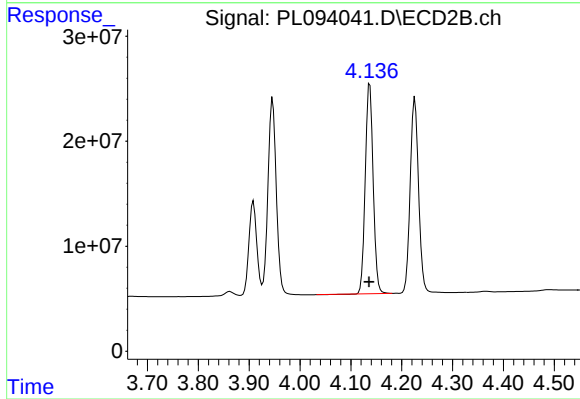
R.T.: 3.908 min  
Delta R.T.: 0.001 min  
Response: 97477203  
Conc: 48.80 ng/ml



#7 delta-BHC

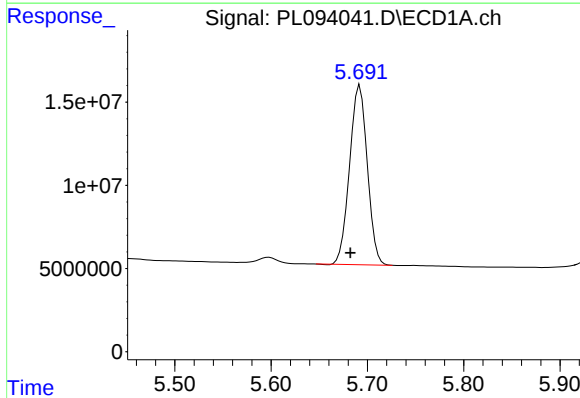
R.T.: 4.781 min  
Delta R.T.: 0.010 min  
Response: 171573432  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



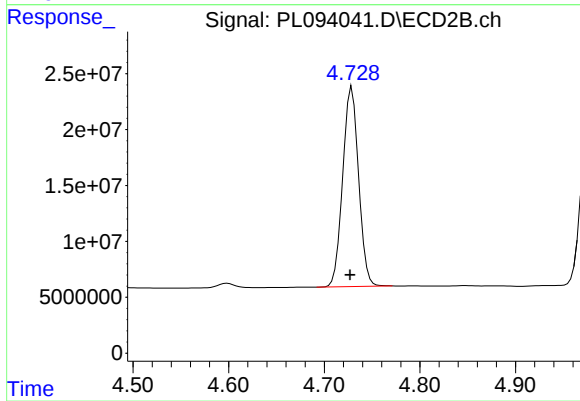
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: 0.002 min  
Response: 216164310  
Conc: 45.50 ng/ml



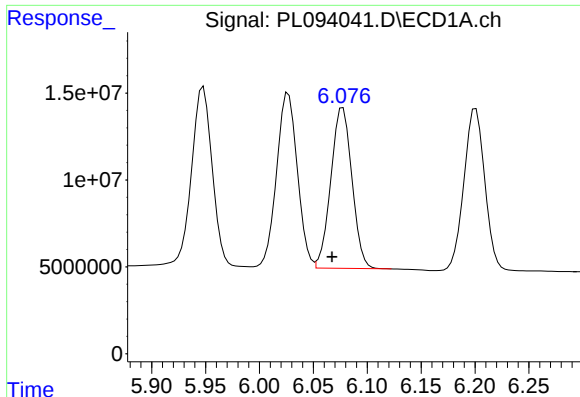
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.010 min  
Response: 137508190  
Conc: 46.24 ng/ml



#8 Heptachlor epoxide

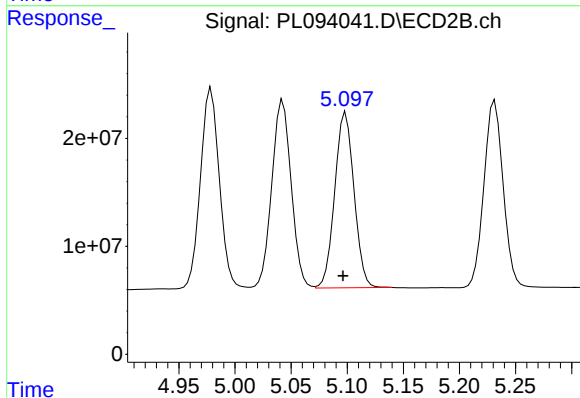
R.T.: 4.729 min  
Delta R.T.: 0.002 min  
Response: 207101088  
Conc: 49.54 ng/ml



#9 Endosulfan I

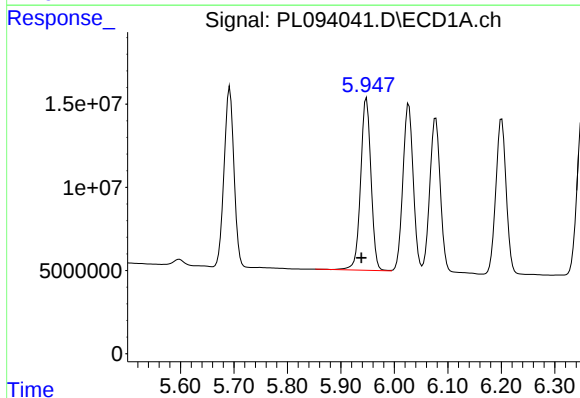
R.T.: 6.077 min  
Delta R.T.: 0.010 min  
Response: 125845462  
Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



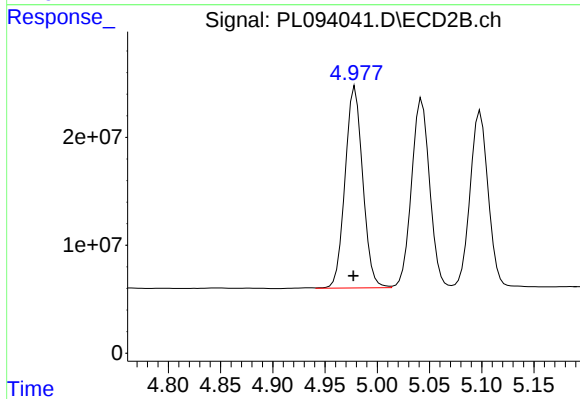
#9 Endosulfan I

R.T.: 5.099 min  
Delta R.T.: 0.002 min  
Response: 194415884  
Conc: 50.15 ng/ml



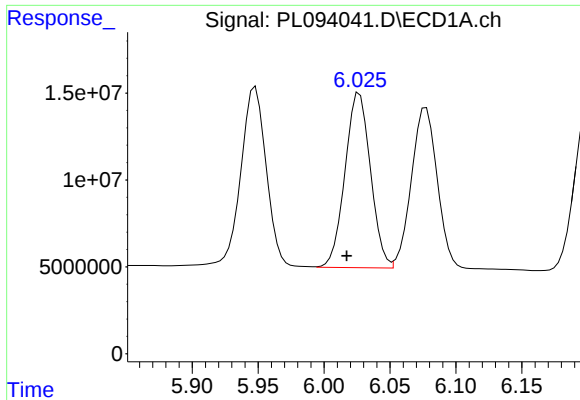
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.010 min  
Response: 139671983  
Conc: 50.11 ng/ml



#10 gamma-Chlordane

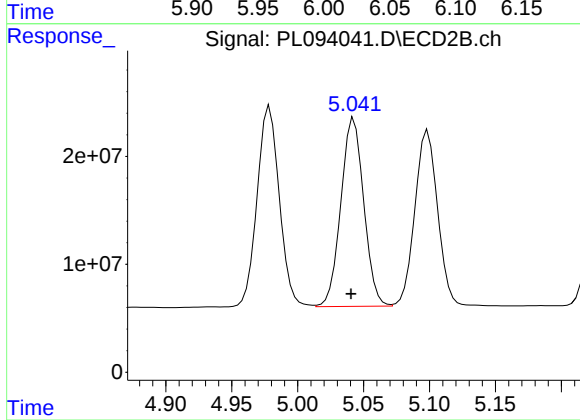
R.T.: 4.979 min  
Delta R.T.: 0.002 min  
Response: 219162693  
Conc: 51.72 ng/ml



#11 alpha-Chlordane

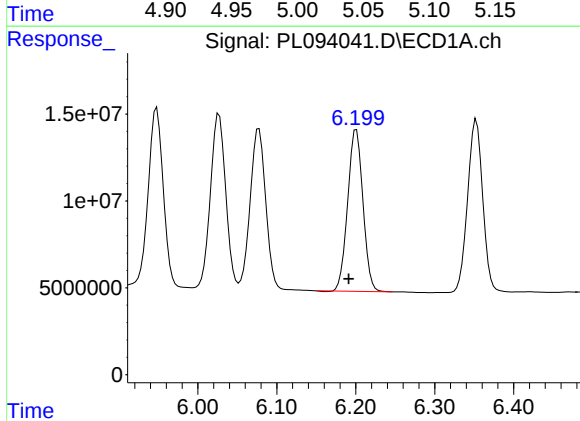
R.T.: 6.027 min  
Delta R.T.: 0.010 min  
Response: 135174032  
Conc: 48.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



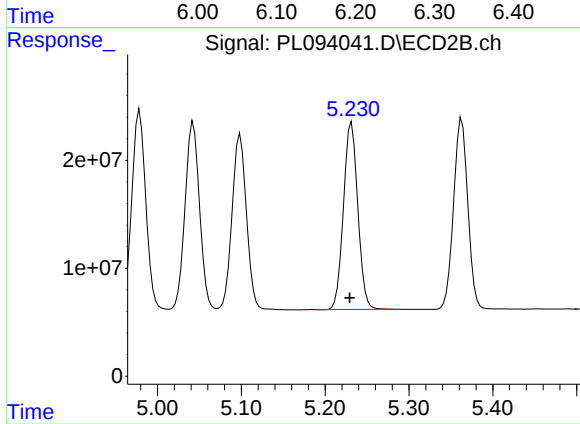
#11 alpha-Chlordane

R.T.: 5.043 min  
Delta R.T.: 0.002 min  
Response: 210504957  
Conc: 50.28 ng/ml



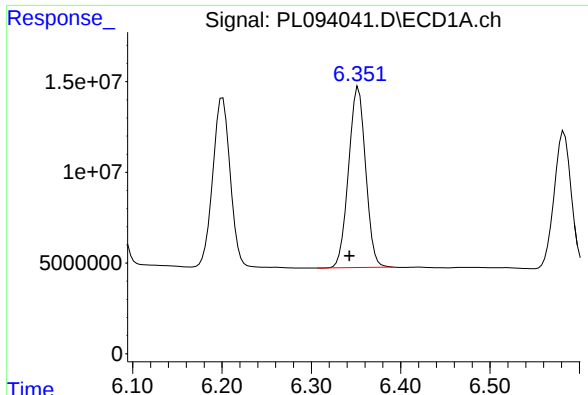
#12 4,4'-DDE

R.T.: 6.201 min  
Delta R.T.: 0.010 min  
Response: 124980211  
Conc: 51.34 ng/ml



#12 4,4'-DDE

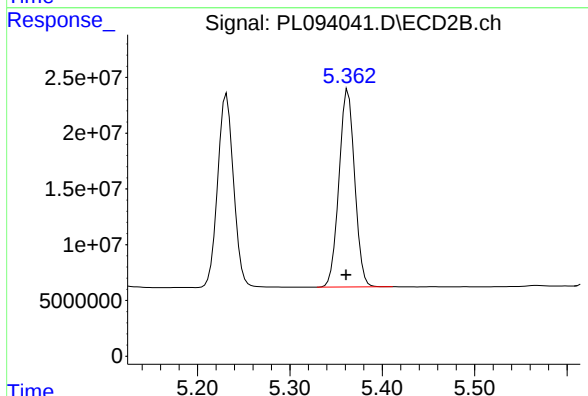
R.T.: 5.232 min  
Delta R.T.: 0.002 min  
Response: 206547622  
Conc: 51.51 ng/ml



#13 Dieldrin

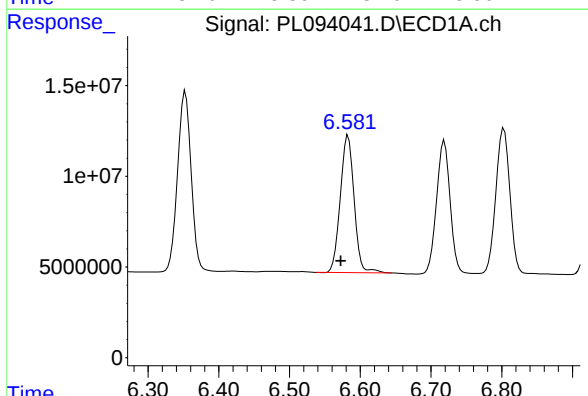
R.T.: 6.353 min  
Delta R.T.: 0.010 min  
Response: 131968546  
Conc: 47.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



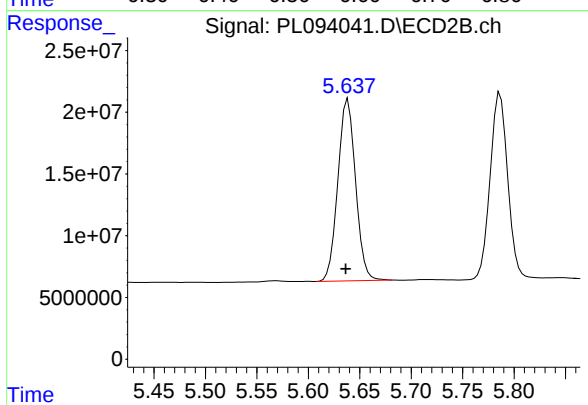
#13 Dieldrin

R.T.: 5.363 min  
Delta R.T.: 0.002 min  
Response: 208987623  
Conc: 48.65 ng/ml



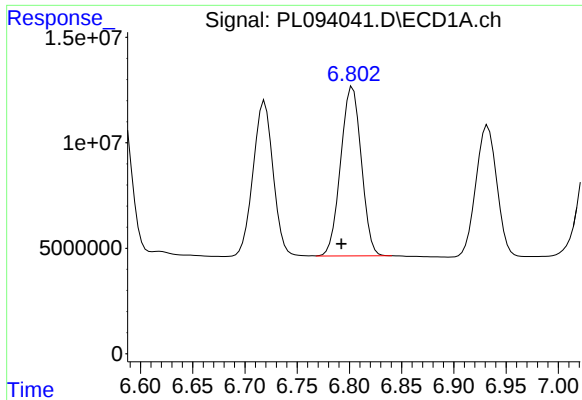
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: 0.010 min  
Response: 102381813  
Conc: 43.66 ng/ml



#14 Endrin

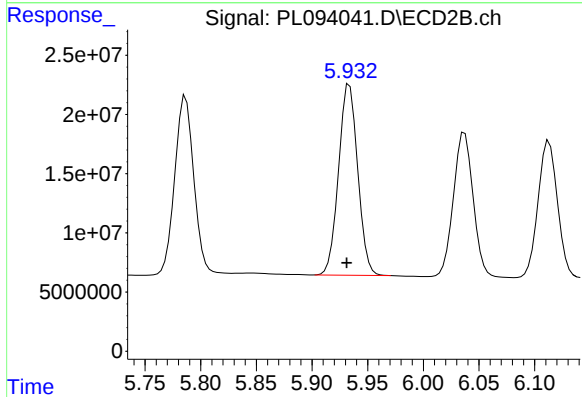
R.T.: 5.638 min  
Delta R.T.: 0.002 min  
Response: 176383164  
Conc: 47.77 ng/ml



#15 Endosulfan II

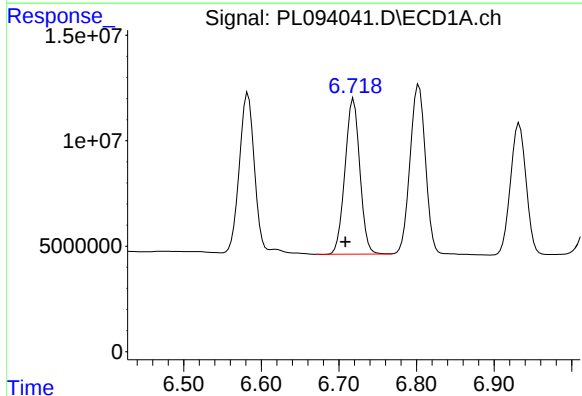
R.T.: 6.803 min  
Delta R.T.: 0.011 min  
Response: 110286221  
Conc: 45.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



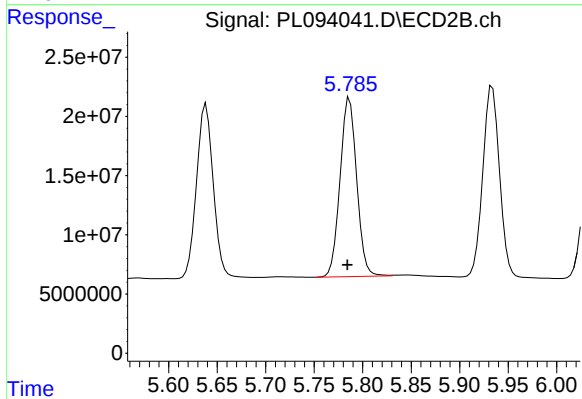
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: 0.002 min  
Response: 193274218  
Conc: 52.18 ng/ml



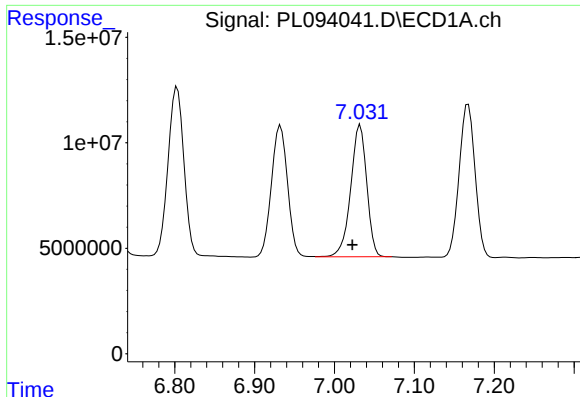
#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: 0.011 min  
Response: 98007741  
Conc: 51.57 ng/ml



#16 4,4'-DDD

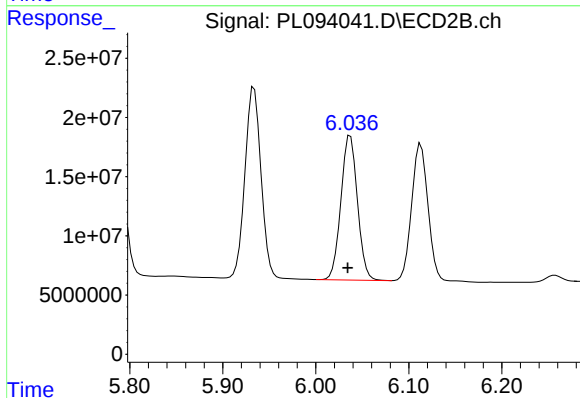
R.T.: 5.786 min  
Delta R.T.: 0.002 min  
Response: 180177165  
Conc: 57.08 ng/ml



#17 4,4'-DDT

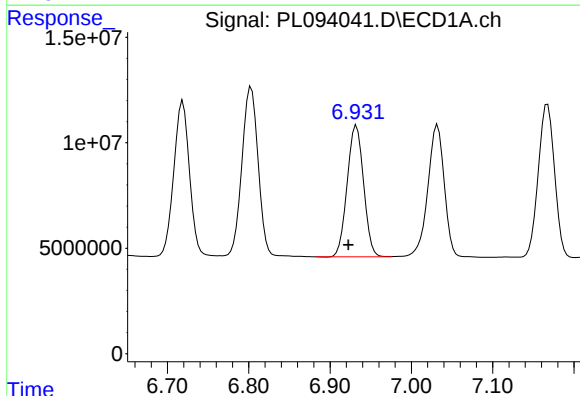
R.T.: 7.032 min  
Delta R.T.: 0.010 min  
Response: 87326664  
Conc: 44.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



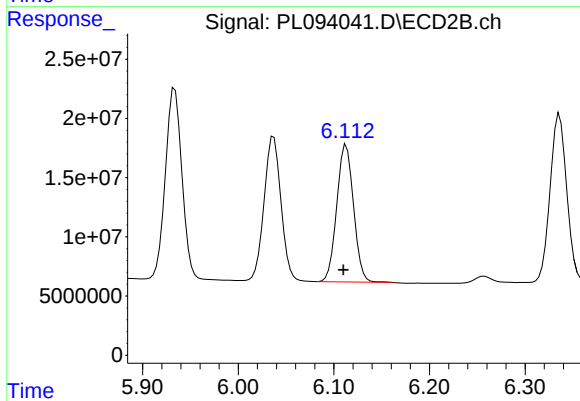
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: 0.003 min  
Response: 150642585  
Conc: 46.29 ng/ml



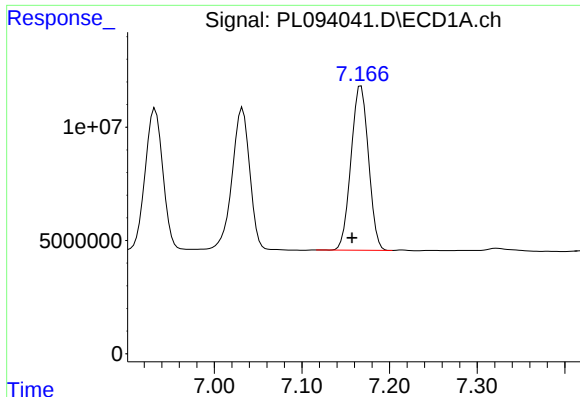
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.010 min  
Response: 87053008  
Conc: 44.78 ng/ml



#18 Endrin aldehyde

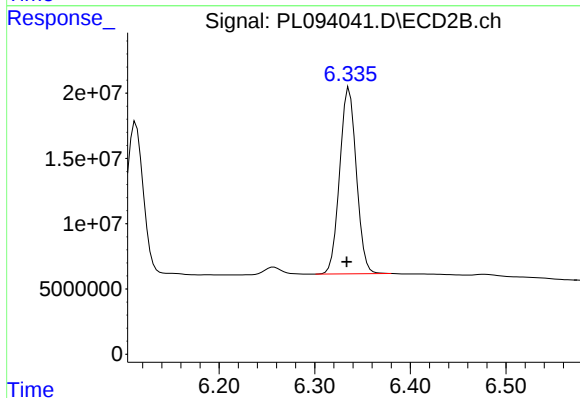
R.T.: 6.113 min  
Delta R.T.: 0.003 min  
Response: 141319196  
Conc: 46.42 ng/ml



#19 Endosulfan Sulfate

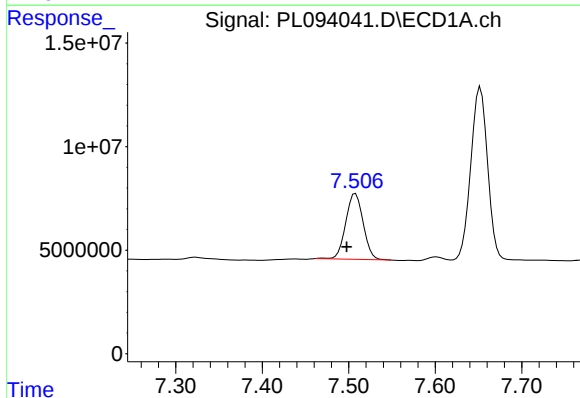
R.T.: 7.167 min  
Delta R.T.: 0.010 min  
Response: 100447688  
Conc: 44.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



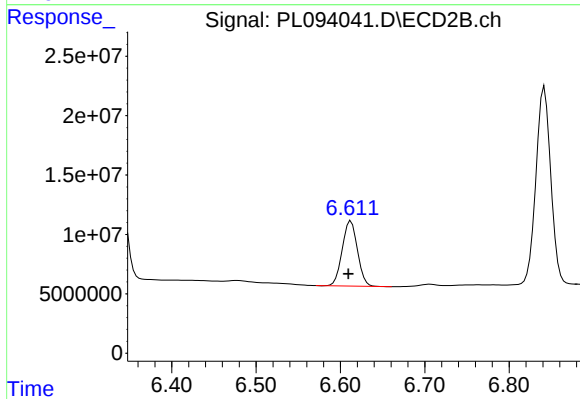
#19 Endosulfan Sulfate

R.T.: 6.336 min  
Delta R.T.: 0.003 min  
Response: 173066865  
Conc: 48.53 ng/ml



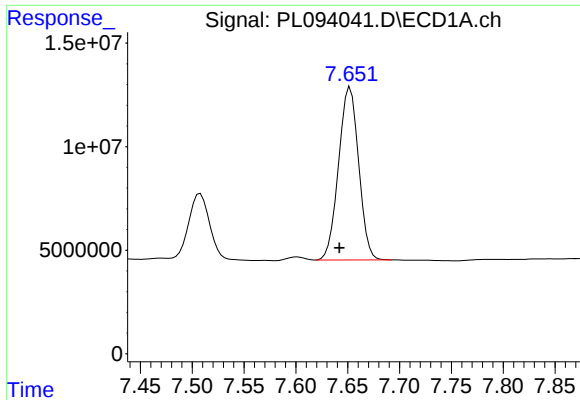
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.010 min  
Response: 44391198  
Conc: 42.54 ng/ml



#20 Methoxychlor

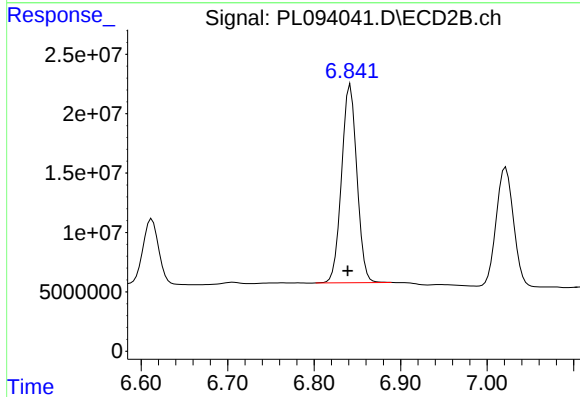
R.T.: 6.612 min  
Delta R.T.: 0.003 min  
Response: 68905601  
Conc: 38.53 ng/ml



#21 Endrin ketone

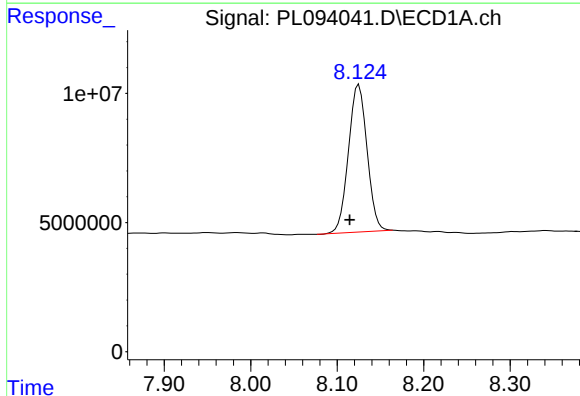
R.T.: 7.652 min  
Delta R.T.: 0.011 min  
Response: 112507784  
Conc: 44.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



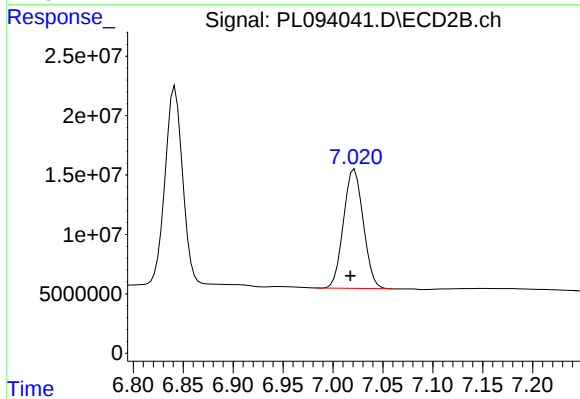
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: 0.003 min  
Response: 204339135  
Conc: 48.71 ng/ml



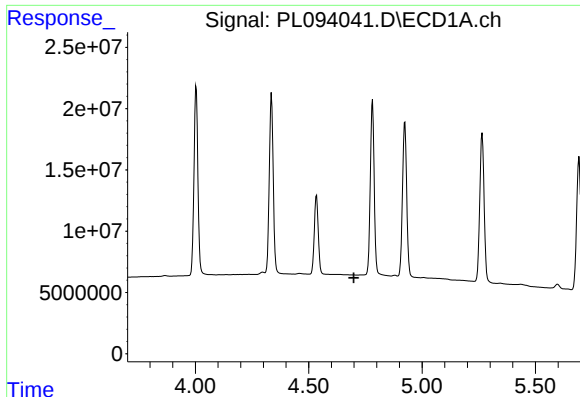
#22 Mirex

R.T.: 8.125 min  
Delta R.T.: 0.010 min  
Response: 85281597  
Conc: 40.95 ng/ml



#22 Mirex

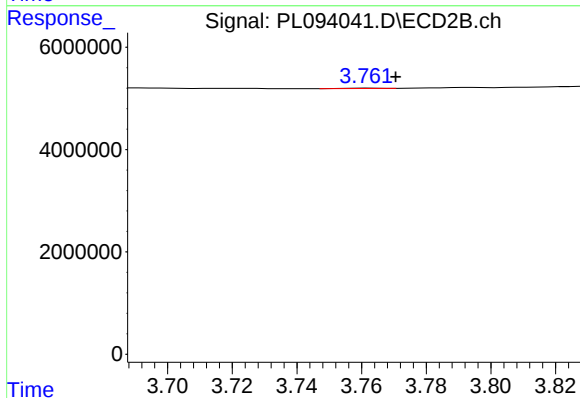
R.T.: 7.022 min  
Delta R.T.: 0.004 min  
Response: 138088696  
Conc: 40.83 ng/ml



#23 Chlordane-1

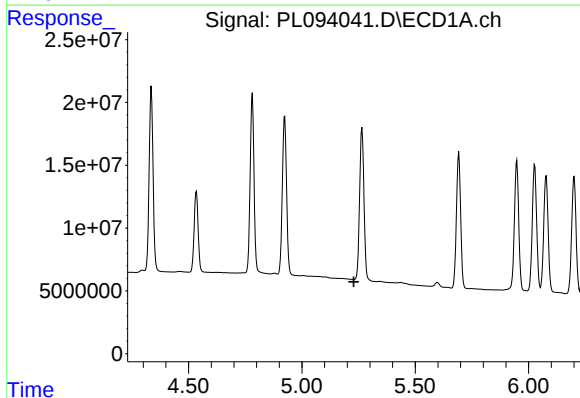
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



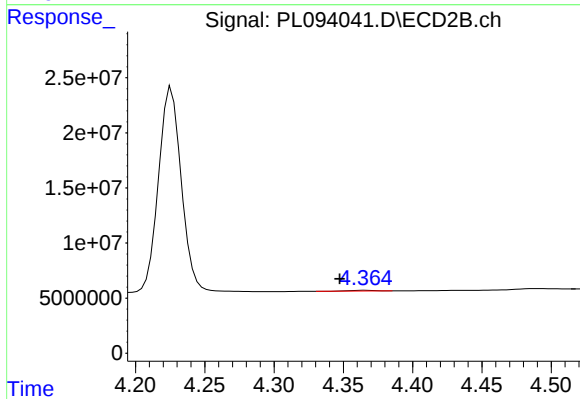
#23 Chlordane-1

R.T.: 3.762 min  
Delta R.T.: -0.009 min  
Response: 48052  
Conc: 0.39 ng/ml



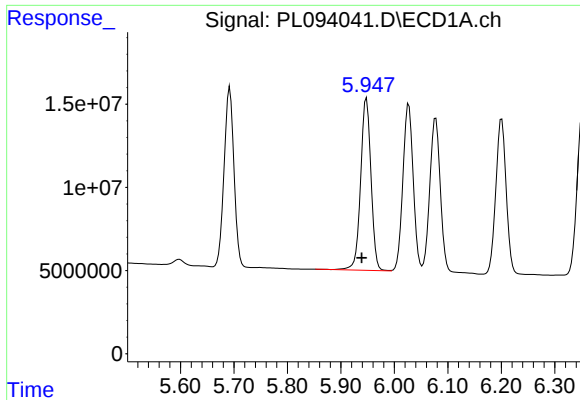
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.229 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

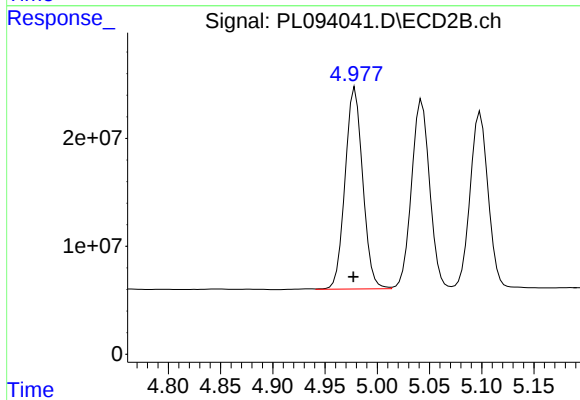
R.T.: 4.366 min  
Delta R.T.: 0.018 min  
Response: 879078  
Conc: 5.99 ng/ml



#25 Chlordane-3

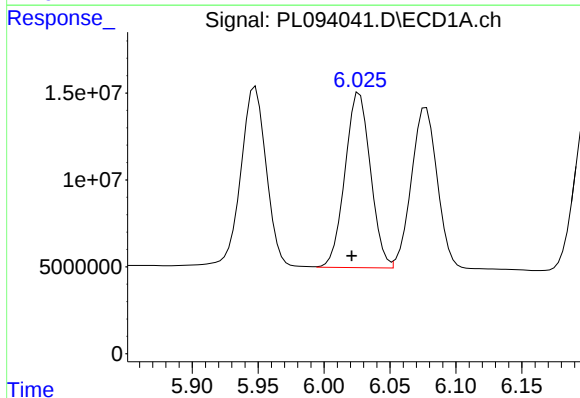
R.T.: 5.948 min  
Delta R.T.: 0.009 min  
Response: 139671983  
Conc: 356.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



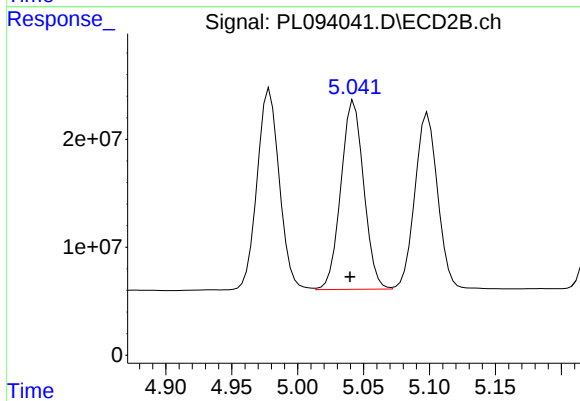
#25 Chlordane-3

R.T.: 4.979 min  
Delta R.T.: 0.002 min  
Response: 219162693  
Conc: 504.03 ng/ml



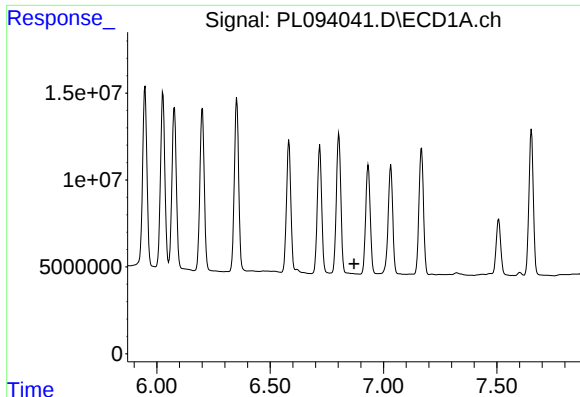
#26 Chlordane-4

R.T.: 6.027 min  
Delta R.T.: 0.006 min  
Response: 135174032  
Conc: 287.54 ng/ml



#26 Chlordane-4

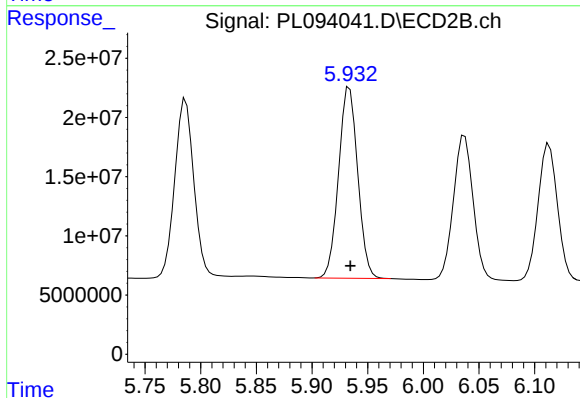
R.T.: 5.043 min  
Delta R.T.: 0.003 min  
Response: 210504957  
Conc: 496.86 ng/ml



#27 Chlordane-5

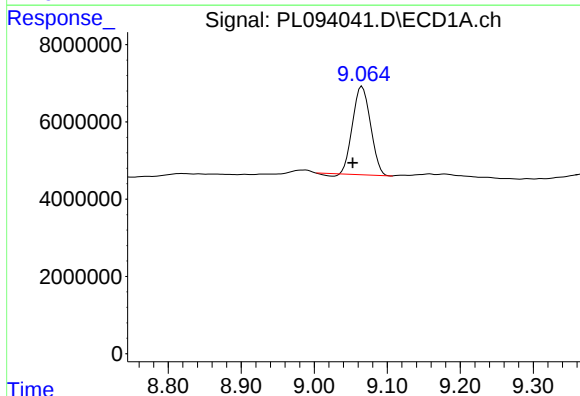
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166481BS



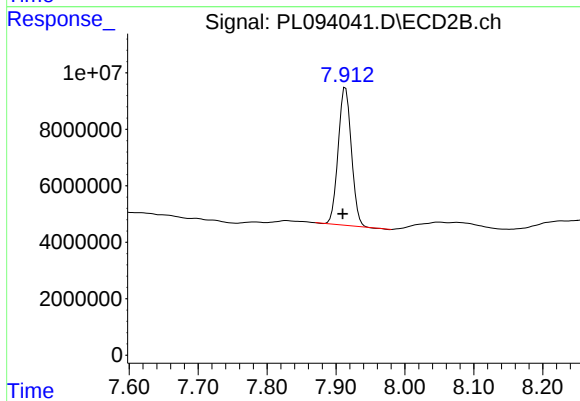
#27 Chlordane-5

R.T.: 5.934 min  
Delta R.T.: 0.000 min  
Response: 193274218  
Conc: 1261.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.013 min  
Response: 38449537  
Conc: 18.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: 0.004 min  
Response: 64682415  
Conc: 18.46 ng/ml