

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031925\  
 Data File : PL094758.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Mar 2025 20:53  
 Operator : AR\AJ  
 Sample : Q1598-03MSD 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 72-11944MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 20 01:12:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 11 17:42:21 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... | 3.535  | 2.770 | 7312432  | 9156261  | 2.583   | 2.565     |
| 2)                          | SA Decachlor... | 9.049  | 7.902 | 7484659  | 18826375 | 3.552   | 4.661 #   |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.991  | 3.271 | 29276044 | 29681024 | 7.050   | 5.505     |
| 3)                          | MA gamma-BHC... | 4.324  | 3.601 | 27121361 | 27966225 | 6.797   | 5.441     |
| 4)                          | MA Heptachlor   | 4.911  | 3.939 | 24357223 | 28021372 | 6.275   | 5.319     |
| 5)                          | MB Aldrin       | 5.253  | 4.218 | 22856948 | 25898572 | 6.191   | 5.311     |
| 6)                          | B beta-BHC      | 4.523  | 3.902 | 11384872 | 14525715 | 6.170   | 6.539     |
| 7)                          | B delta-BHC     | 4.766  | 4.130 | 42878815 | 19760875 | 11.011  | 3.951 #   |
| 8)                          | B Heptachlo...  | 5.679  | 4.721 | 19487267 | 23947909 | 5.825   | 5.230     |
| 9)                          | A Endosulfan I  | 6.065  | 5.093 | 21390671 | 35320710 | 6.967   | 8.048     |
| 10)                         | B gamma-Chl...  | 5.935  | 4.971 | 24436689 | 28293107 | 7.253   | 5.860     |
| 11)                         | B alpha-Chl...  | 6.014  | 5.034 | 22025176 | 27616423 | 6.681   | 5.786     |
| 12)                         | B 4,4'-DDE      | 6.188  | 5.222 | 16929351 | 29549757 | 5.754   | 6.357     |
| 13)                         | MA Dieldrin     | 6.340  | 5.354 | 21407390 | 30363819 | 6.694   | 6.258     |
| 14)                         | MA Endrin       | 6.570  | 5.631 | 28704054 | 34359504 | 10.355  | 7.874     |
| 15)                         | B Endosulfa...  | 6.790  | 5.925 | 23902234 | 29527827 | 8.805   | 6.822     |
| 16)                         | A 4,4'-DDD      | 6.706  | 5.778 | 17142257 | 24722502 | 7.914   | 6.875     |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.028 | 16785946 | 20652016 | 7.057   | 5.122 #   |
| 18)                         | B Endrin al...  | 6.921  | 6.104 | 15659719 | 18653529 | 7.418   | 5.543 #   |
| 19)                         | B Endosulfa...  | 7.155  | 6.327 | 15090483 | 27111035 | 6.205   | 6.656     |
| 20)                         | A Methoxychlor  | 7.497  | 6.603 | 8705329  | 13321705 | 7.272   | 6.281     |
| 21)                         | B Endrin ke...  | 7.640  | 6.832 | 21889320 | 41171272 | 8.281   | 8.627     |
| 22)                         | Mirex           | 8.112  | 7.012 | 16799996 | 28185200 | 8.131   | 7.426     |
| 24)                         | Chlordane-2     | 5.253f | 0.000 | 22856948 | 0        | 151.065 | N.D. #    |
| 25)                         | Chlordane-3     | 5.935  | 4.971 | 24436689 | 28293107 | 48.891  | 53.183    |
| 26)                         | Chlordane-4     | 6.014  | 5.034 | 22025176 | 27616423 | 37.388  | 53.051 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.925 | 0        | 29527827 | N.D.    | 153.922 # |
| -----                       |                 |        |       |          |          |         |           |

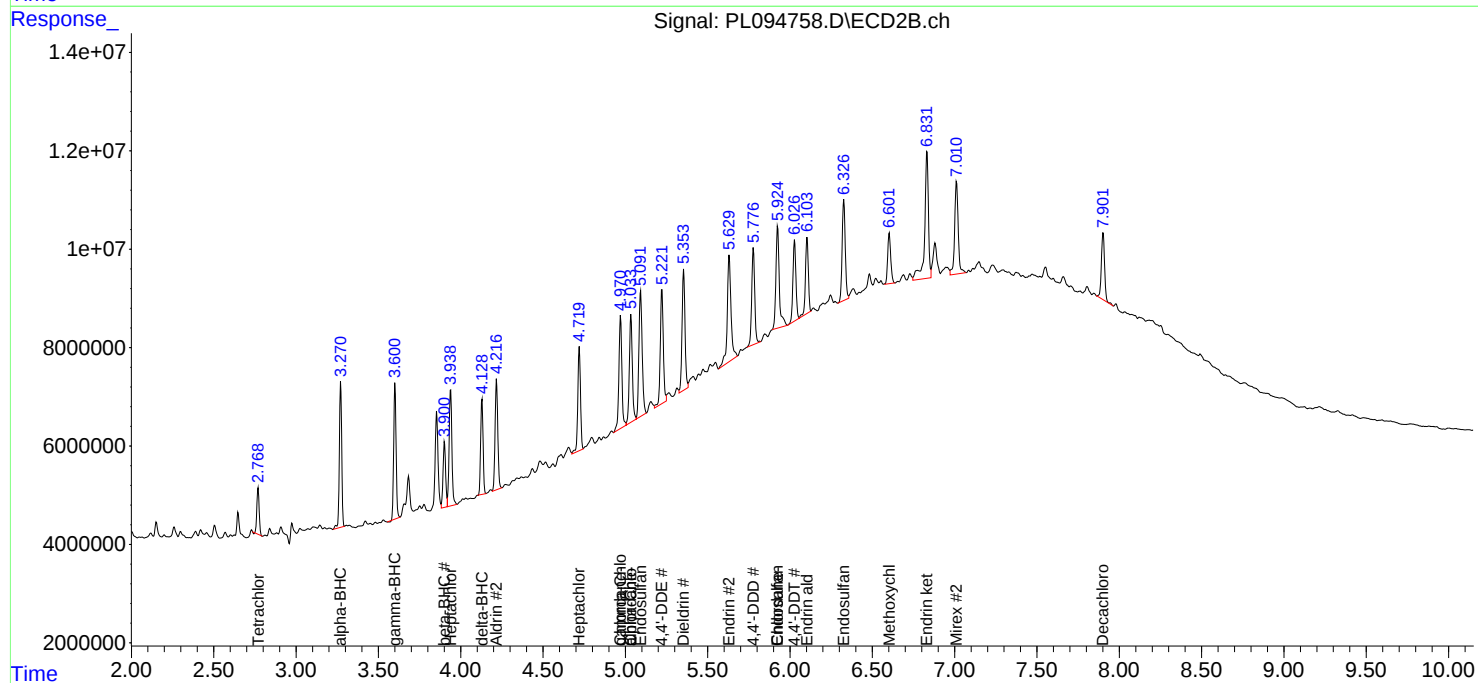
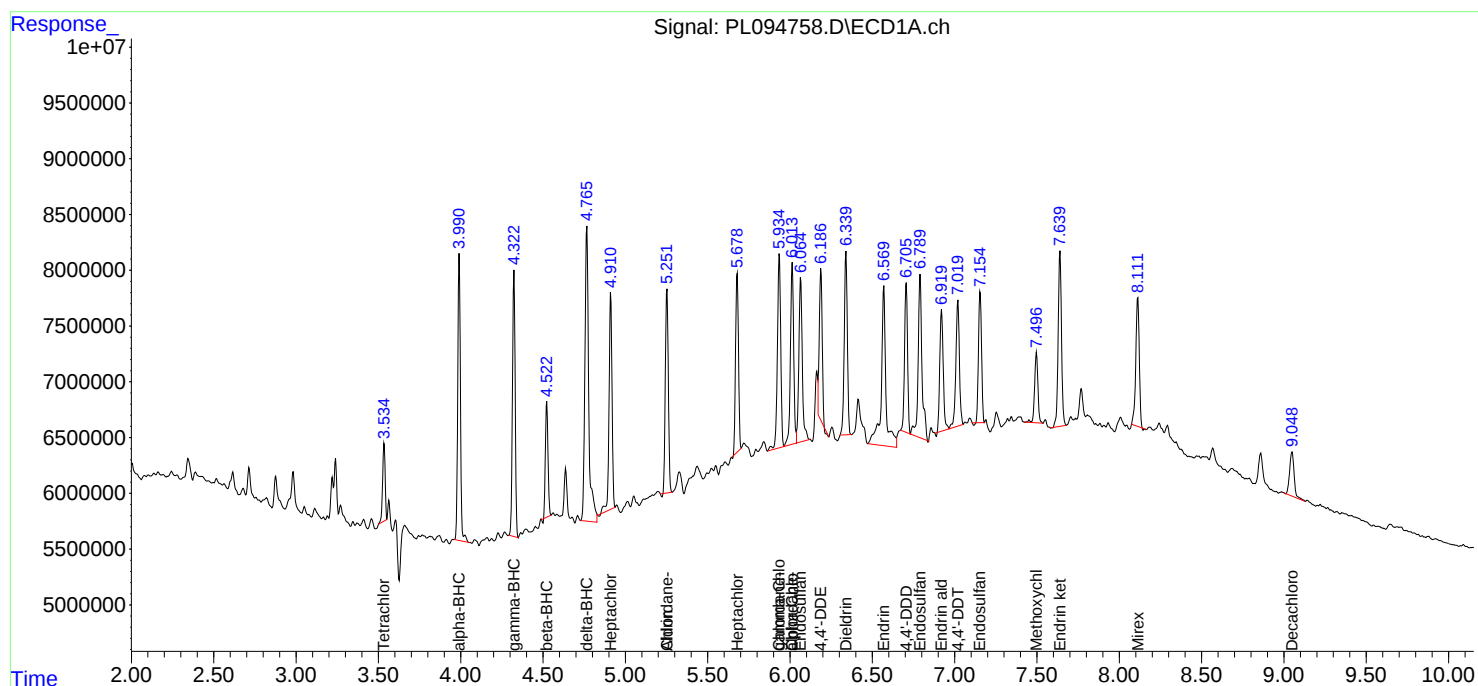
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

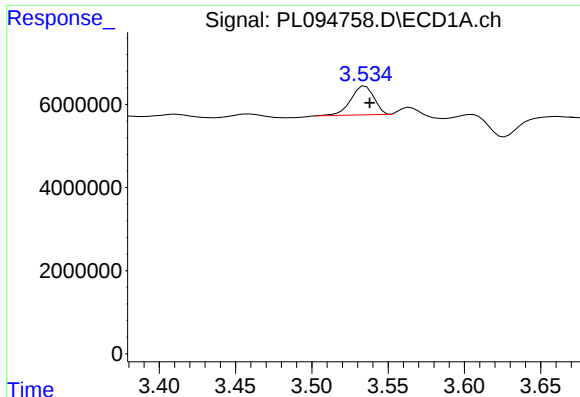
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031925\  
Data File : PL094758.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Mar 2025 20:53  
Operator : AR\AJ  
Sample : Q1598-03MSD 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 20 01:12:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 11 17:42:21 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

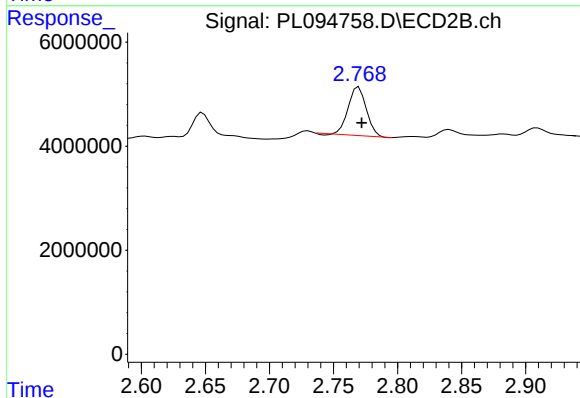




#1 Tetrachloro-m-xylene

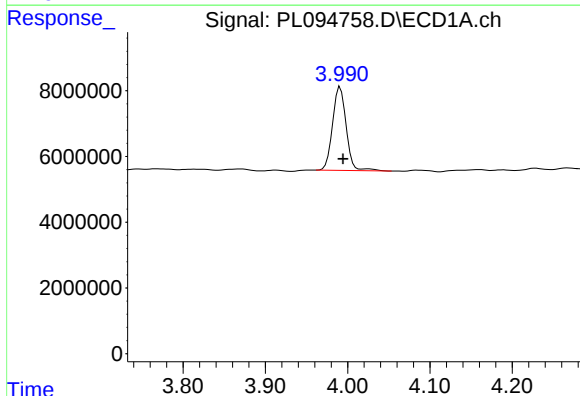
R.T.: 3.535 min  
Delta R.T.: -0.003 min  
Response: 7312432  
Conc: 2.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



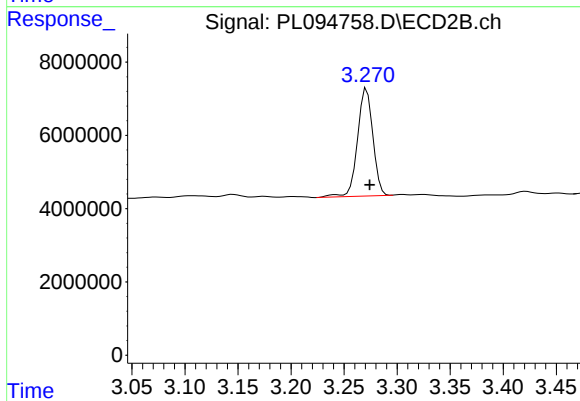
#1 Tetrachloro-m-xylene

R.T.: 2.770 min  
Delta R.T.: -0.002 min  
Response: 9156261  
Conc: 2.57 ng/ml



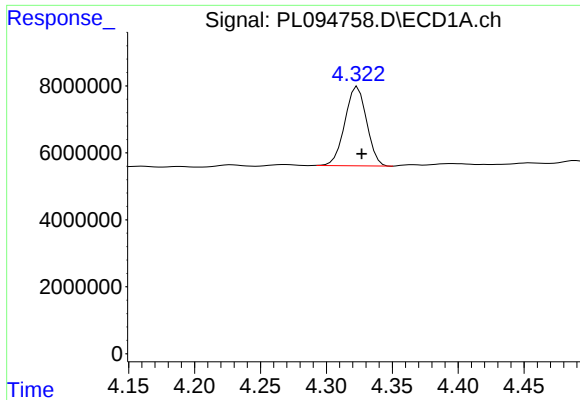
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: -0.003 min  
Response: 29276044  
Conc: 7.05 ng/ml



#2 alpha-BHC

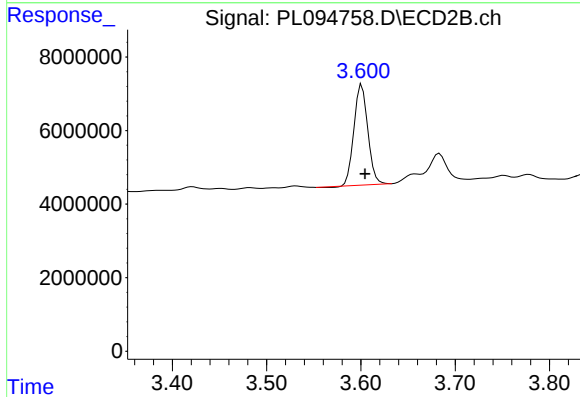
R.T.: 3.271 min  
Delta R.T.: -0.003 min  
Response: 29681024  
Conc: 5.51 ng/ml



#3 gamma-BHC (Lindane)

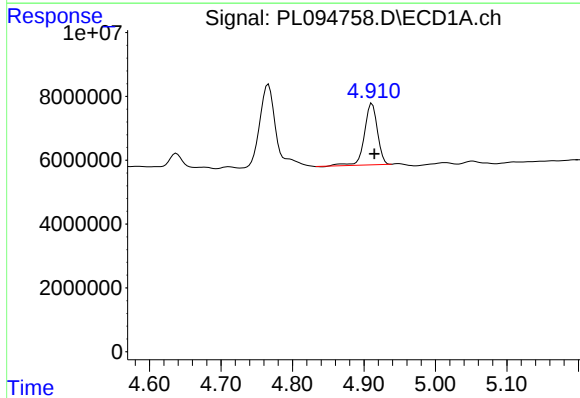
R.T.: 4.324 min  
Delta R.T.: -0.003 min  
Response: 27121361  
Conc: 6.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



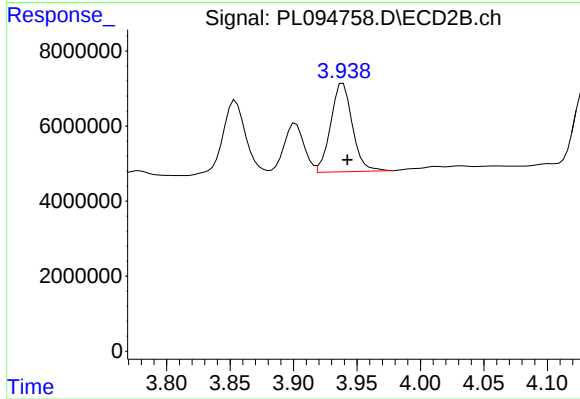
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: -0.003 min  
Response: 27966225  
Conc: 5.44 ng/ml



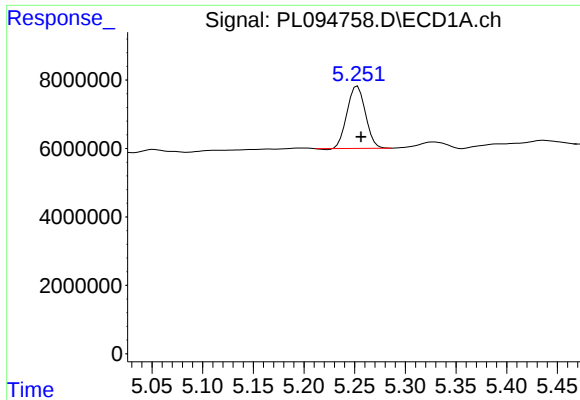
#4 Heptachlor

R.T.: 4.911 min  
Delta R.T.: -0.003 min  
Response: 24357223  
Conc: 6.28 ng/ml



#4 Heptachlor

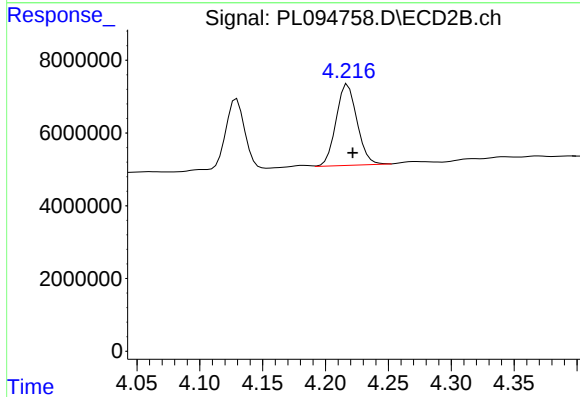
R.T.: 3.939 min  
Delta R.T.: -0.003 min  
Response: 28021372  
Conc: 5.32 ng/ml



#5 Aldrin

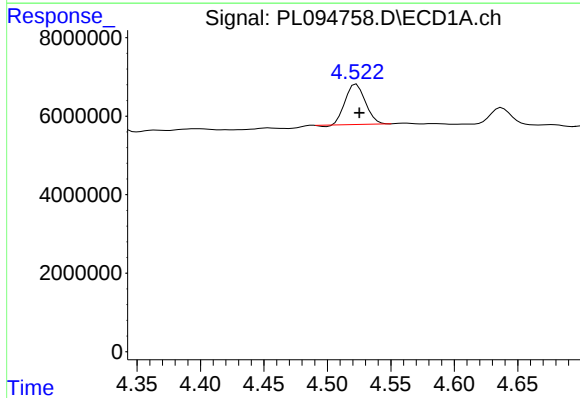
R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 22856948  
Conc: 6.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



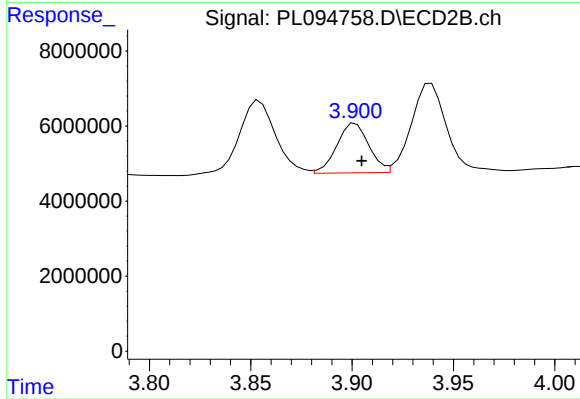
#5 Aldrin

R.T.: 4.218 min  
Delta R.T.: -0.004 min  
Response: 25898572  
Conc: 5.31 ng/ml



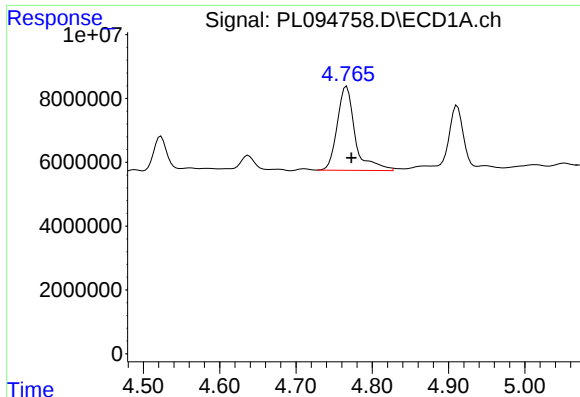
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 11384872  
Conc: 6.17 ng/ml



#6 beta-BHC

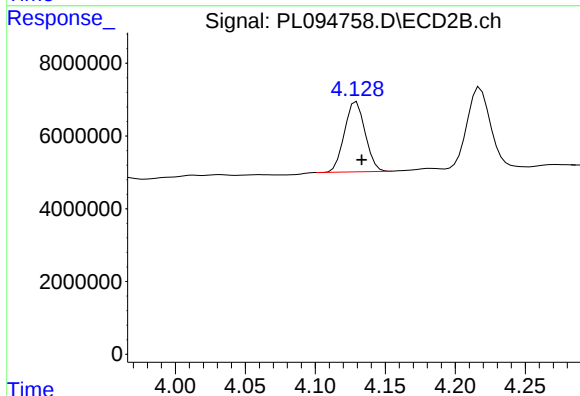
R.T.: 3.902 min  
Delta R.T.: -0.003 min  
Response: 14525715  
Conc: 6.54 ng/ml



#7 delta-BHC

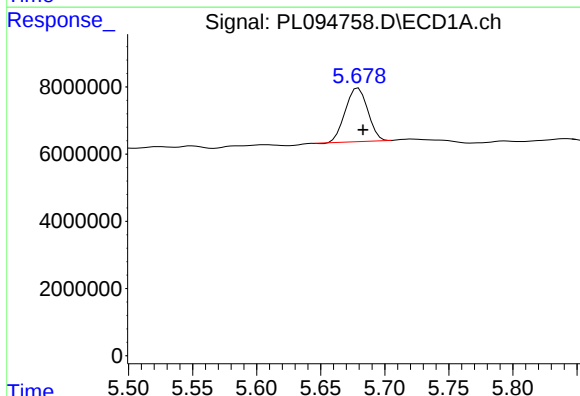
R.T.: 4.766 min  
Delta R.T.: -0.006 min  
Response: 42878815  
Conc: 11.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



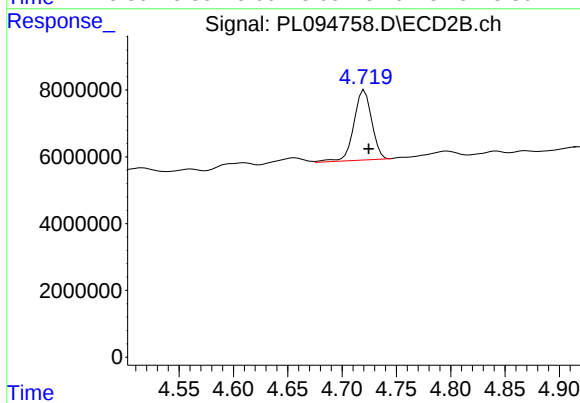
#7 delta-BHC

R.T.: 4.130 min  
Delta R.T.: -0.004 min  
Response: 19760875  
Conc: 3.95 ng/ml



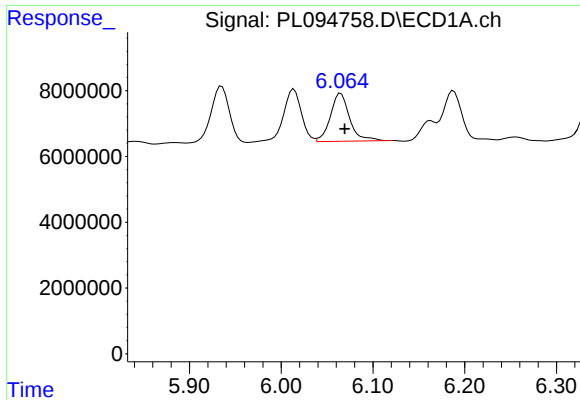
#8 Heptachlor epoxide

R.T.: 5.679 min  
Delta R.T.: -0.004 min  
Response: 19487267  
Conc: 5.83 ng/ml



#8 Heptachlor epoxide

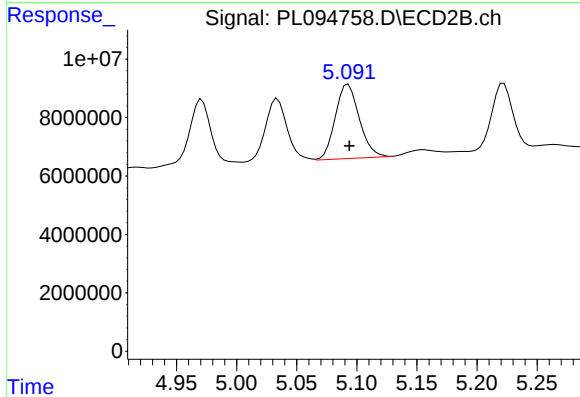
R.T.: 4.721 min  
Delta R.T.: -0.004 min  
Response: 23947909  
Conc: 5.23 ng/ml



#9 Endosulfan I

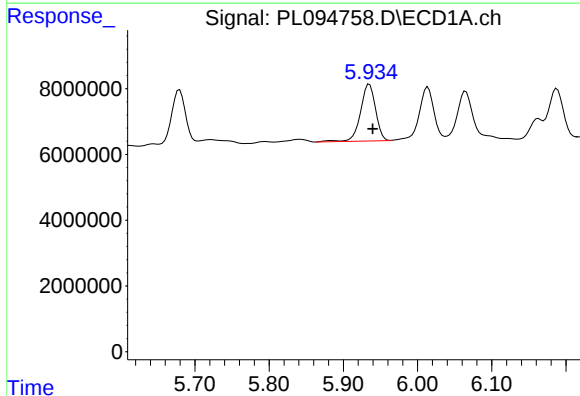
R.T.: 6.065 min  
Delta R.T.: -0.004 min  
Response: 21390671  
Conc: 6.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



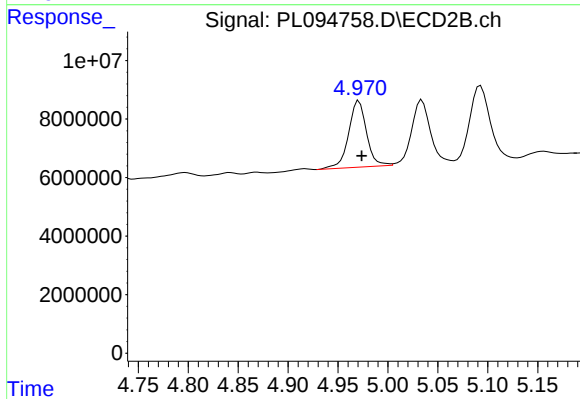
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: -0.001 min  
Response: 35320710  
Conc: 8.05 ng/ml



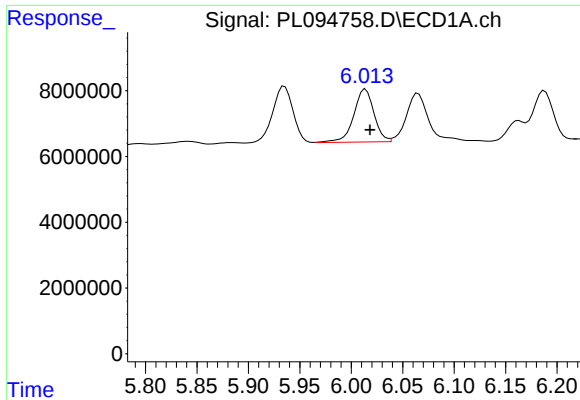
#10 gamma-Chlordane

R.T.: 5.935 min  
Delta R.T.: -0.004 min  
Response: 24436689  
Conc: 7.25 ng/ml



#10 gamma-Chlordane

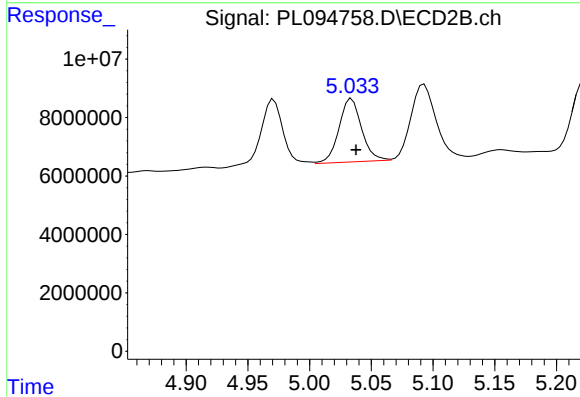
R.T.: 4.971 min  
Delta R.T.: -0.003 min  
Response: 28293107  
Conc: 5.86 ng/ml



#11 alpha-Chlordane

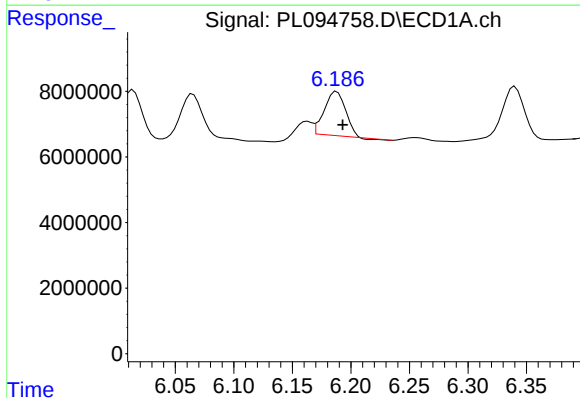
R.T.: 6.014 min  
Delta R.T.: -0.005 min  
Response: 22025176  
Conc: 6.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



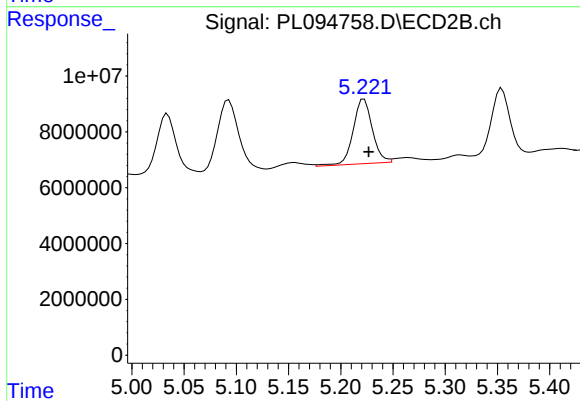
#11 alpha-Chlordane

R.T.: 5.034 min  
Delta R.T.: -0.004 min  
Response: 27616423  
Conc: 5.79 ng/ml



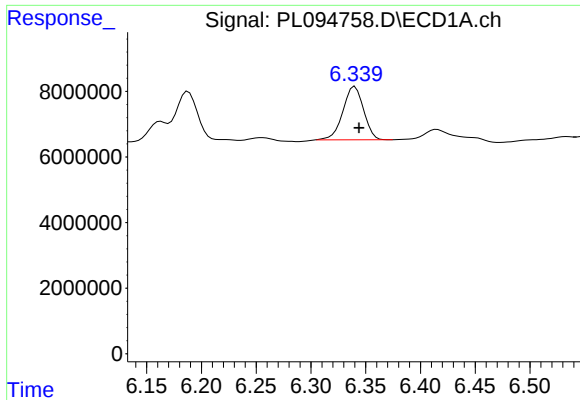
#12 4,4'-DDE

R.T.: 6.188 min  
Delta R.T.: -0.005 min  
Response: 16929351  
Conc: 5.75 ng/ml



#12 4,4'-DDE

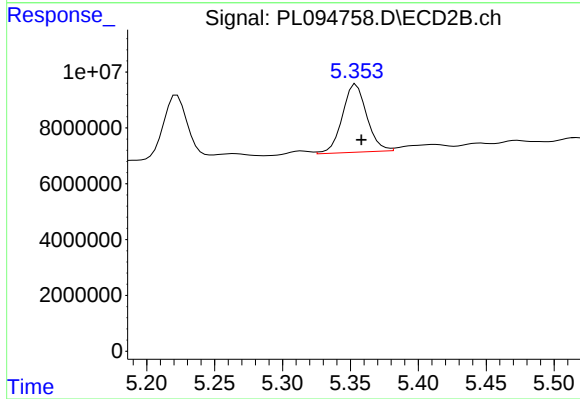
R.T.: 5.222 min  
Delta R.T.: -0.004 min  
Response: 29549757  
Conc: 6.36 ng/ml



#13 Dieldrin

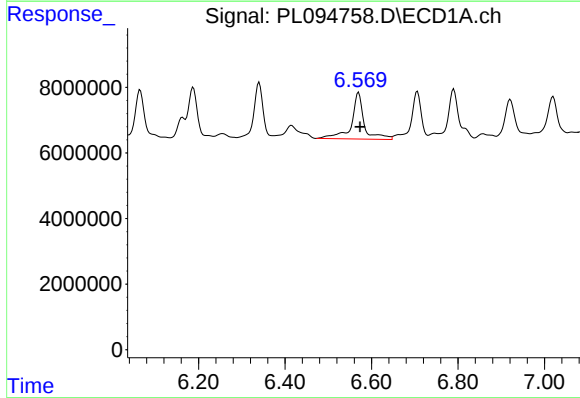
R.T.: 6.340 min  
Delta R.T.: -0.004 min  
Response: 21407390  
Conc: 6.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



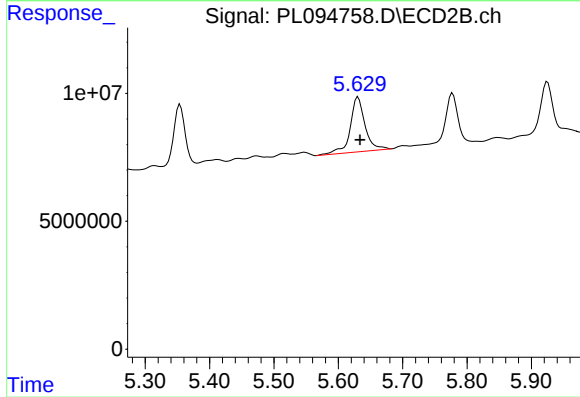
#13 Dieldrin

R.T.: 5.354 min  
Delta R.T.: -0.004 min  
Response: 30363819  
Conc: 6.26 ng/ml



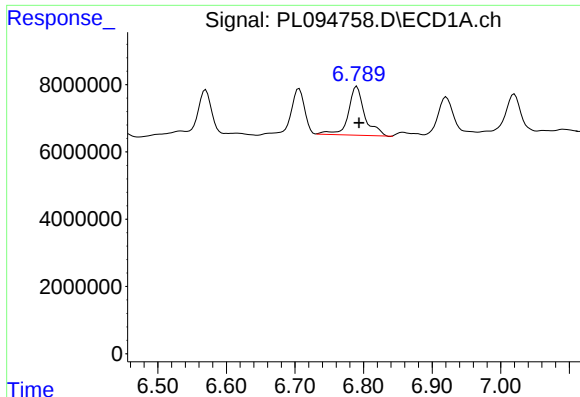
#14 Endrin

R.T.: 6.570 min  
Delta R.T.: -0.004 min  
Response: 28704054  
Conc: 10.35 ng/ml



#14 Endrin

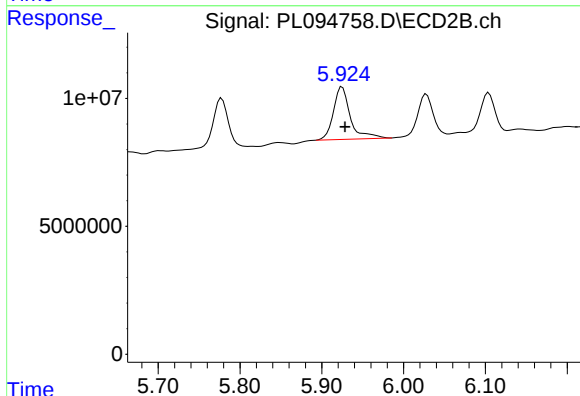
R.T.: 5.631 min  
Delta R.T.: -0.003 min  
Response: 34359504  
Conc: 7.87 ng/ml



#15 Endosulfan II

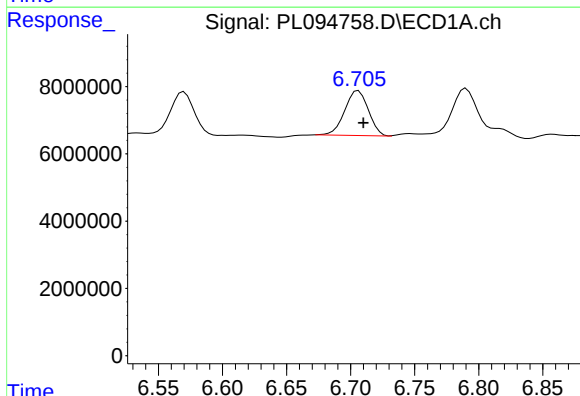
R.T.: 6.790 min  
Delta R.T.: -0.004 min  
Response: 23902234  
Conc: 8.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



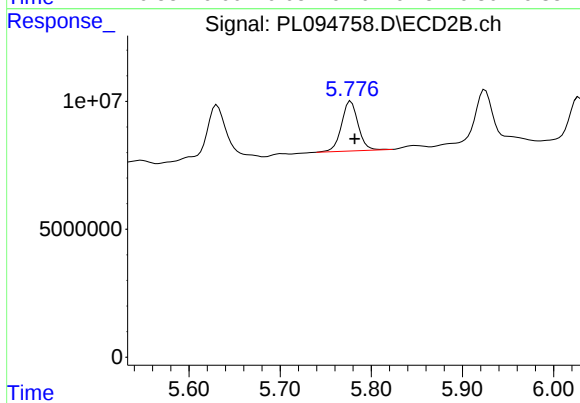
#15 Endosulfan II

R.T.: 5.925 min  
Delta R.T.: -0.004 min  
Response: 29527827  
Conc: 6.82 ng/ml



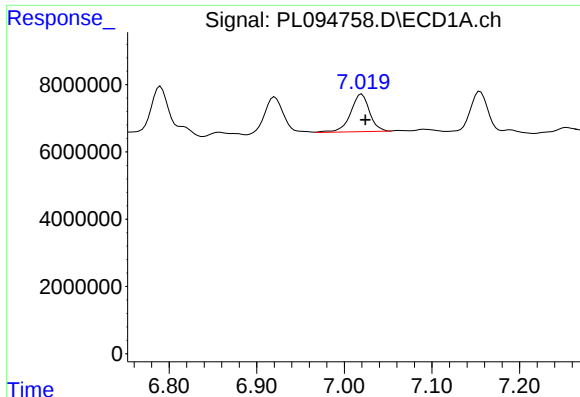
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 17142257  
Conc: 7.91 ng/ml



#16 4,4'-DDD

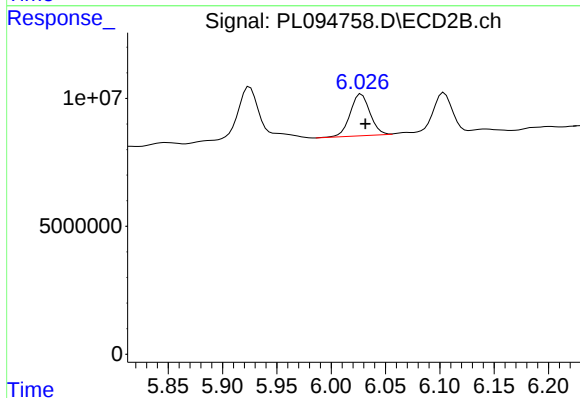
R.T.: 5.778 min  
Delta R.T.: -0.004 min  
Response: 24722502  
Conc: 6.88 ng/ml



#17 4,4'-DDT

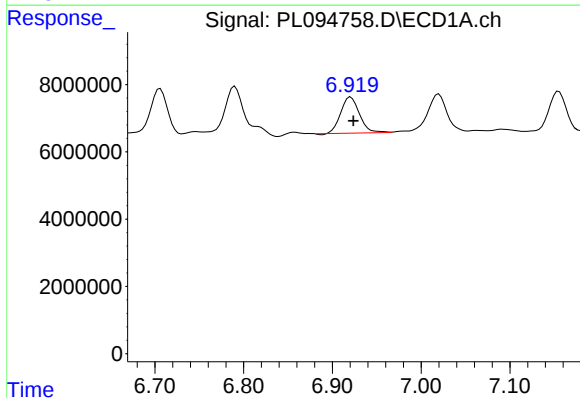
R.T.: 7.020 min  
Delta R.T.: -0.004 min  
Response: 16785946  
Conc: 7.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



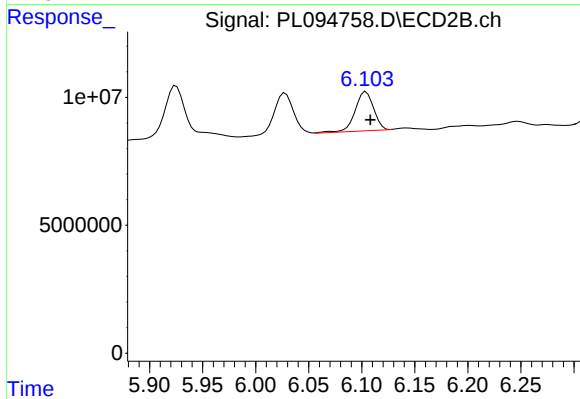
#17 4,4'-DDT

R.T.: 6.028 min  
Delta R.T.: -0.004 min  
Response: 20652016  
Conc: 5.12 ng/ml



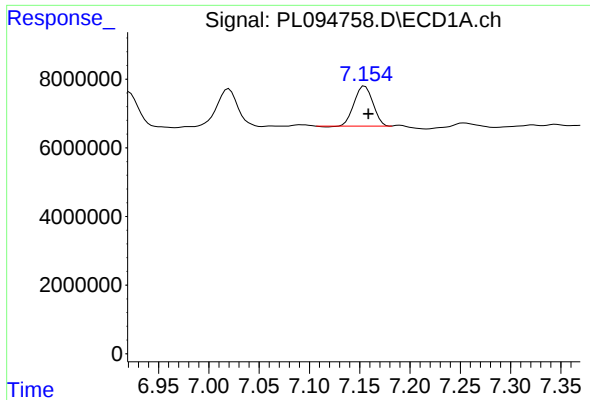
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: -0.003 min  
Response: 15659719  
Conc: 7.42 ng/ml



#18 Endrin aldehyde

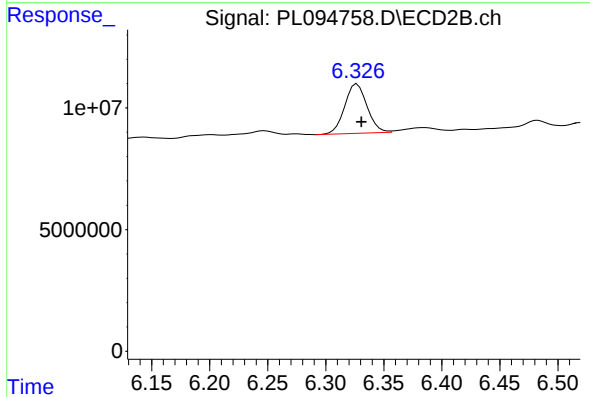
R.T.: 6.104 min  
Delta R.T.: -0.004 min  
Response: 18653529  
Conc: 5.54 ng/ml



#19 Endosulfan Sulfate

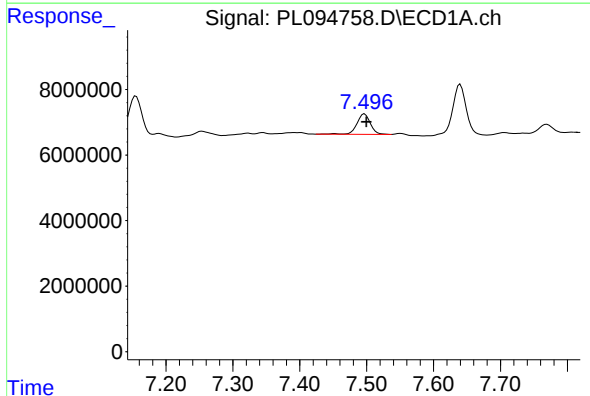
R.T.: 7.155 min  
Delta R.T.: -0.004 min  
Response: 15090483  
Conc: 6.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



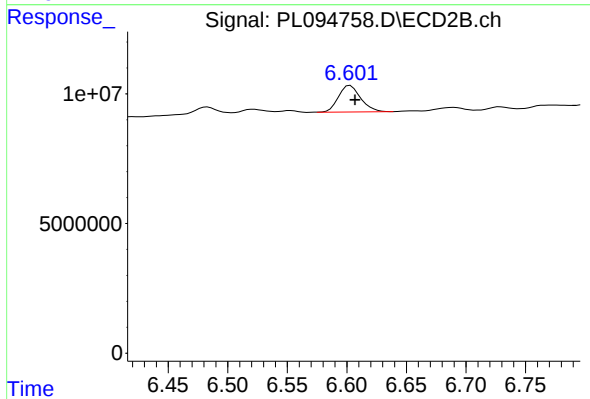
#19 Endosulfan Sulfate

R.T.: 6.327 min  
Delta R.T.: -0.004 min  
Response: 27111035  
Conc: 6.66 ng/ml



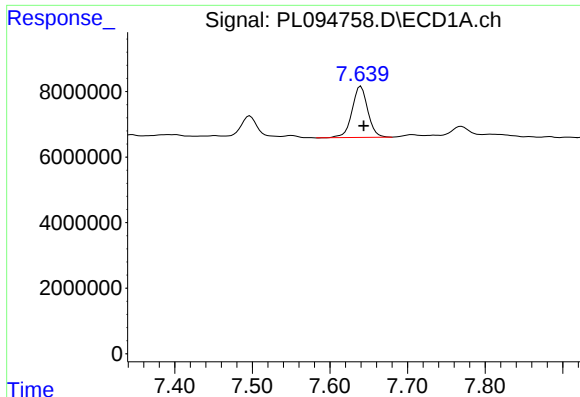
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.003 min  
Response: 8705329  
Conc: 7.27 ng/ml



#20 Methoxychlor

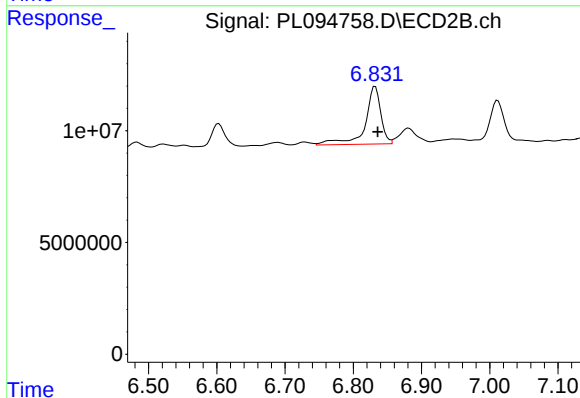
R.T.: 6.603 min  
Delta R.T.: -0.004 min  
Response: 13321705  
Conc: 6.28 ng/ml



#21 Endrin ketone

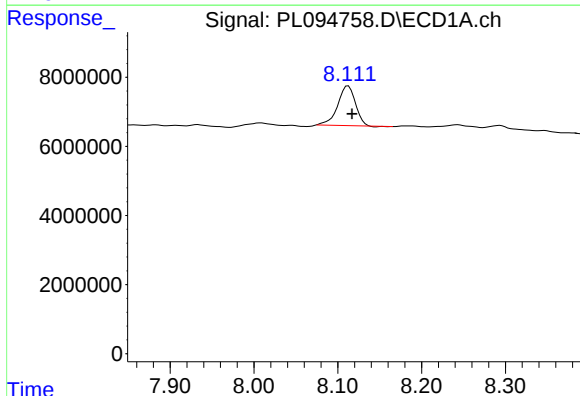
R.T.: 7.640 min  
Delta R.T.: -0.004 min  
Response: 21889320  
Conc: 8.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



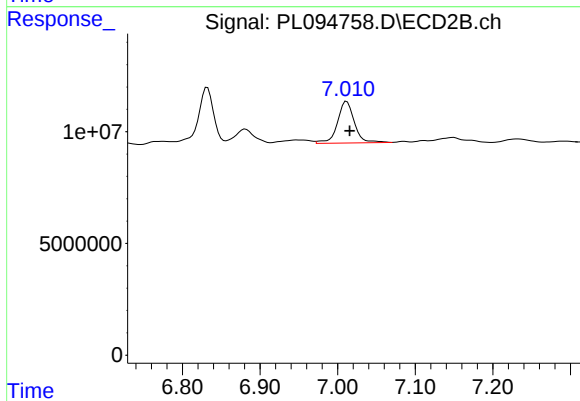
#21 Endrin ketone

R.T.: 6.832 min  
Delta R.T.: -0.004 min  
Response: 41171272  
Conc: 8.63 ng/ml



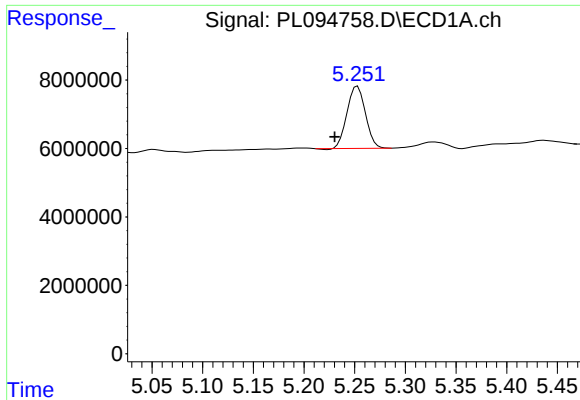
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: -0.004 min  
Response: 16799996  
Conc: 8.13 ng/ml



#22 Mirex

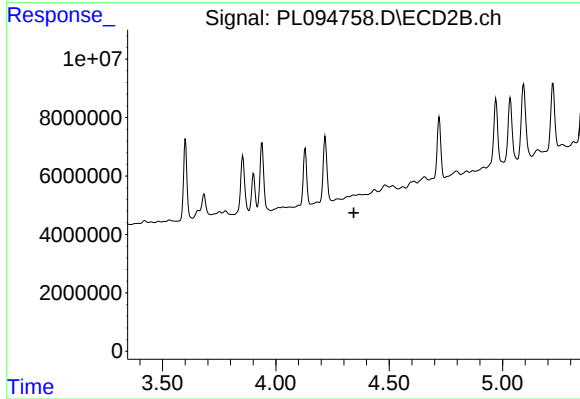
R.T.: 7.012 min  
Delta R.T.: -0.004 min  
Response: 28185200  
Conc: 7.43 ng/ml



#24 Chlordane-2

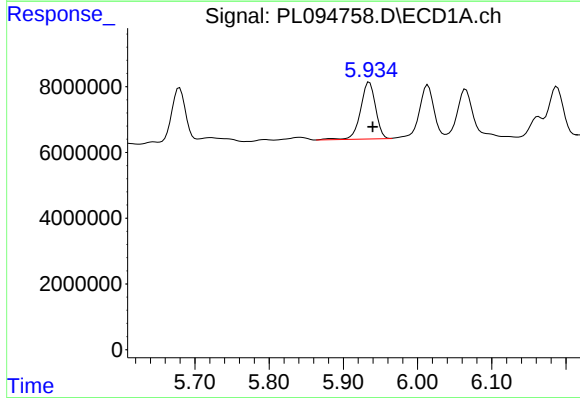
R.T.: 5.253 min  
Delta R.T.: 0.022 min  
Response: 22856948  
Conc: 151.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



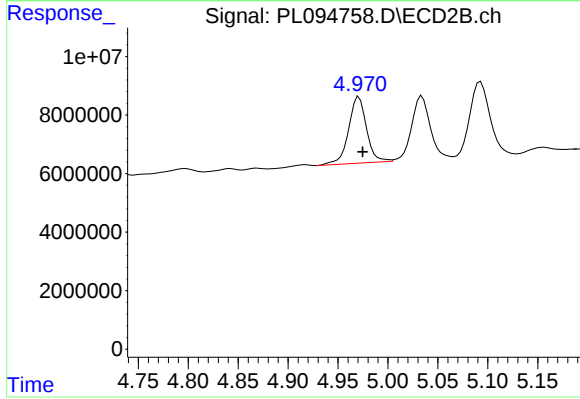
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



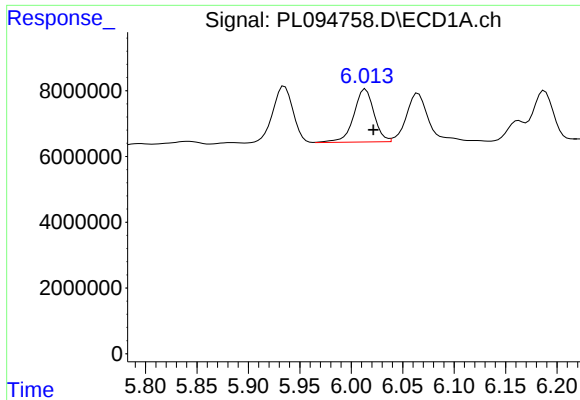
#25 Chlordane-3

R.T.: 5.935 min  
Delta R.T.: -0.004 min  
Response: 24436689  
Conc: 48.89 ng/ml



#25 Chlordane-3

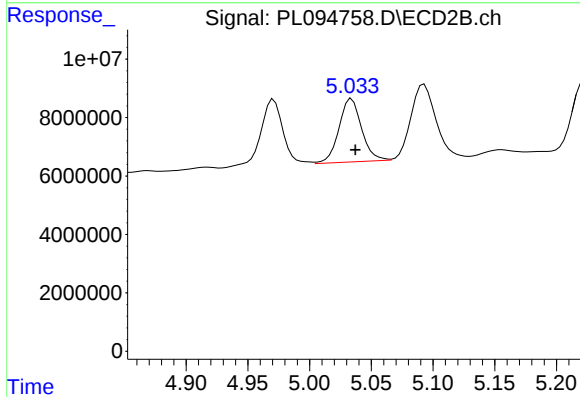
R.T.: 4.971 min  
Delta R.T.: -0.004 min  
Response: 28293107  
Conc: 53.18 ng/ml



#26 Chlordane-4

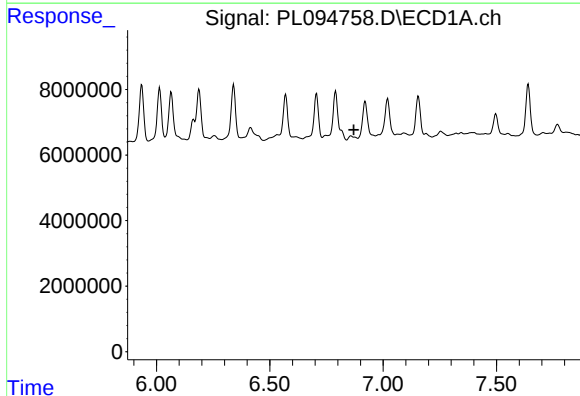
R.T.: 6.014 min  
Delta R.T.: -0.008 min  
Response: 22025176  
Conc: 37.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



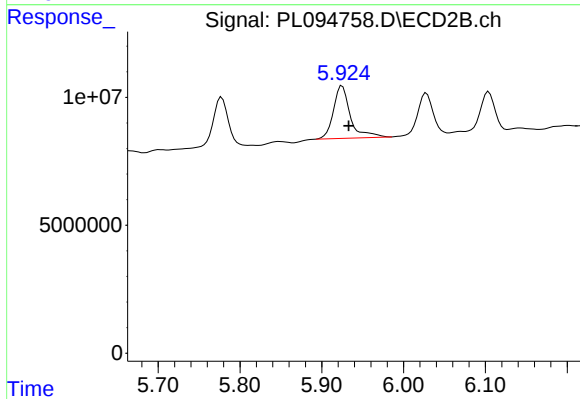
#26 Chlordane-4

R.T.: 5.034 min  
Delta R.T.: -0.003 min  
Response: 27616423  
Conc: 53.05 ng/ml



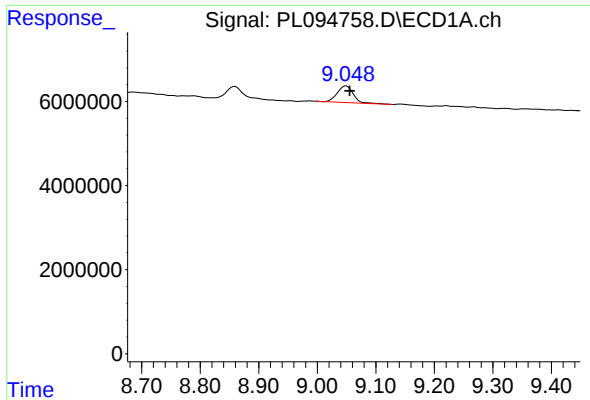
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

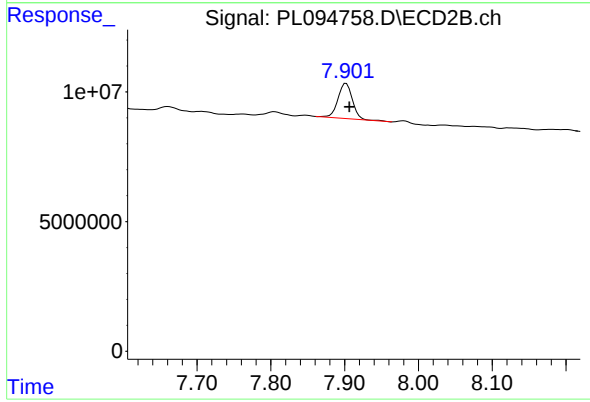
R.T.: 5.925 min  
Delta R.T.: -0.008 min  
Response: 29527827  
Conc: 153.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min  
Delta R.T.: -0.006 min  
Response: 7484659  
Conc: 3.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11944MSD



#28 Decachlorobiphenyl

R.T.: 7.902 min  
Delta R.T.: -0.005 min  
Response: 18826375  
Conc: 4.66 ng/ml