

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031325\  
 Data File : PL094693.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2025 19:37  
 Operator : AR\AJ  
 Sample : Q1547-05MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-620-JB-COMP-01MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 11:39:53 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 | 54856889 | 67575931 | 19.379   | 18.933     |
| 28)                         | SA Decachlor... | 9.048  | 7.902 | 56415825 | 97456968 | 26.770   | 24.127     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.991  | 3.272 | 204.2E6  | 314.1E6  | 49.166   | 58.265     |
| 3)                          | MA gamma-BHC... | 4.324  | 3.601 | 197.5E6  | 280.4E6  | 49.484   | 54.555     |
| 4)                          | MA Heptachlor   | 4.912  | 3.939 | 183.5E6  | 257.8E6  | 47.266   | 48.934     |
| 5)                          | MB Aldrin       | 5.253  | 4.218 | 173.7E6  | 242.5E6  | 47.037   | 49.737     |
| 6)                          | B beta-BHC      | 4.523  | 3.902 | 90128392 | 116.0E6  | 48.844   | 52.221     |
| 7)                          | B delta-BHC     | 4.769  | 4.130 | 180.0E6  | 226.1E6  | 46.228   | 45.207     |
| 8)                          | B Heptachlo...  | 5.680  | 4.721 | 163.6E6  | 239.6E6  | 48.908   | 52.339     |
| 9)                          | A Endosulfan I  | 6.065  | 5.090 | 154.7E6  | 229.3E6  | 50.387   | 52.252     |
| 10)                         | B gamma-Chl...  | 5.936  | 4.971 | 165.8E6  | 248.7E6  | 49.218   | 51.510     |
| 11)                         | B alpha-Chl...  | 6.015  | 5.033 | 163.6E6  | 241.8E6  | 49.629   | 50.652     |
| 12)                         | B 4,4'-DDE      | 6.188  | 5.223 | 159.9E6  | 250.9E6  | 54.360   | 53.972     |
| 13)                         | MA Dieldrin     | 6.340  | 5.354 | 162.9E6  | 257.2E6  | 50.927   | 53.017     |
| 14)                         | MA Endrin       | 6.570  | 5.630 | 140.7E6  | 239.8E6  | 50.766   | 54.962     |
| 15)                         | B Endosulfa...  | 6.790  | 5.925 | 143.3E6  | 233.8E6  | 52.788   | 54.011     |
| 16)                         | A 4,4'-DDD      | 6.706  | 5.778 | 123.5E6  | 205.2E6  | 57.028   | 57.063     |
| 17)                         | MA 4,4'-DDT     | 7.019  | 6.028 | 132.0E6  | 226.0E6  | 55.498   | 56.060     |
| 18)                         | B Endrin al...  | 6.920  | 6.104 | 109.9E6  | 178.8E6  | 52.061   | 53.124     |
| 19)                         | B Endosulfa...  | 7.155  | 6.327 | 129.0E6  | 219.6E6  | 53.034   | 53.913     |
| 20)                         | A Methoxychlor  | 7.496  | 6.603 | 70246435 | 119.7E6  | 58.682   | 56.423     |
| 21)                         | B Endrin ke...  | 7.639  | 6.832 | 150.2E6  | 265.8E6  | 56.829   | 55.686     |
| 22)                         | Mirex           | 8.112  | 7.011 | 109.0E6  | 198.5E6  | 52.743   | 52.310     |
| 24)                         | Chlordane-2     | 5.253f | 0.000 | 173.7E6  | 0        | 1147.821 | N.D. #     |
| 25)                         | Chlordane-3     | 5.936  | 4.971 | 165.8E6  | 248.7E6  | 331.784  | 467.507 #  |
| 26)                         | Chlordane-4     | 6.015  | 5.033 | 163.6E6  | 241.8E6  | 277.749  | 464.409 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.925 | 0        | 233.8E6  | N.D.     | 1218.603 # |
| -----                       |                 |        |       |          |          |          |            |

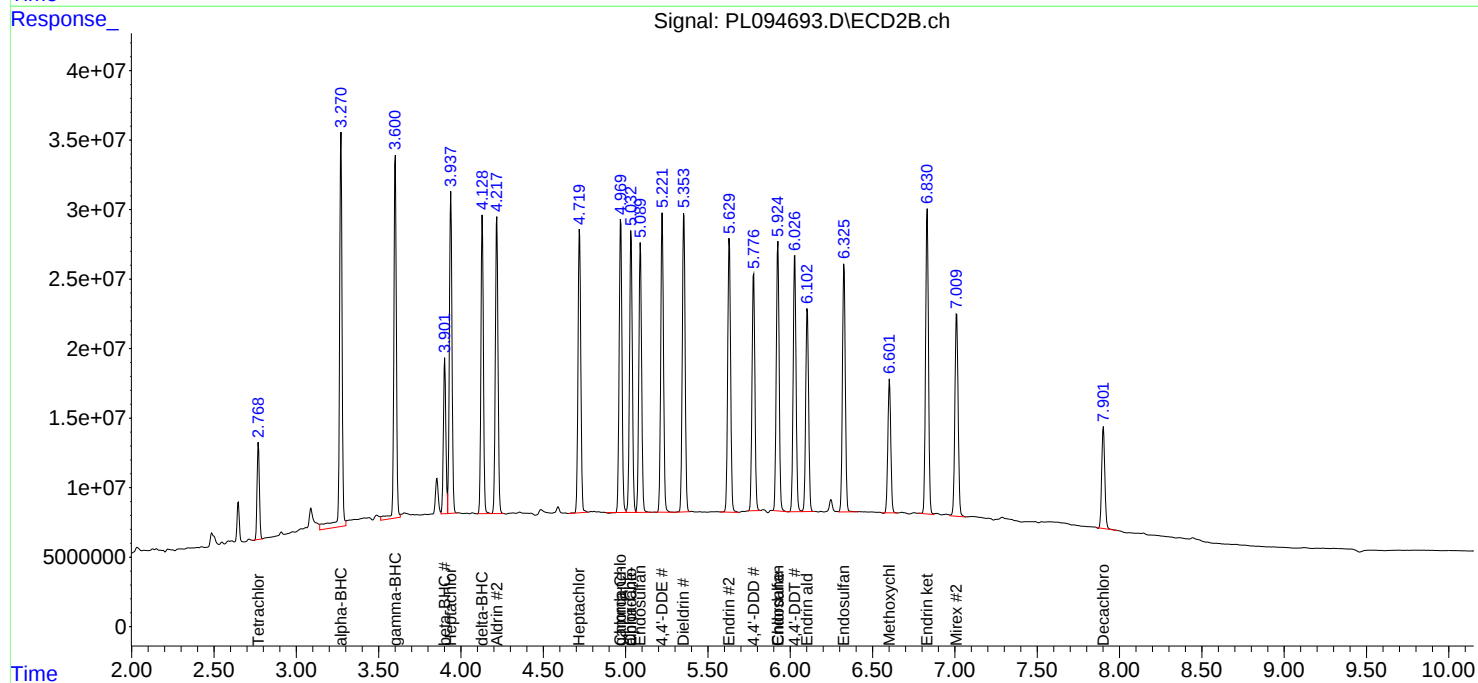
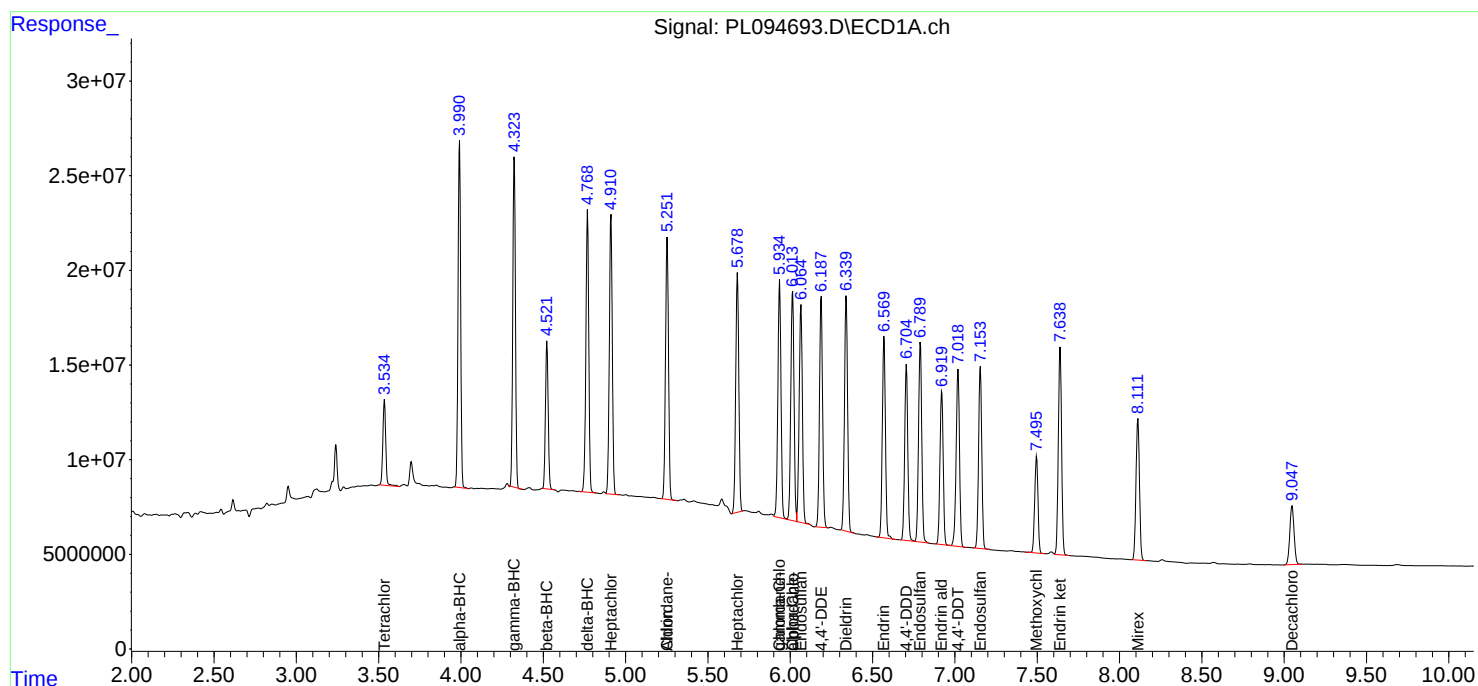
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

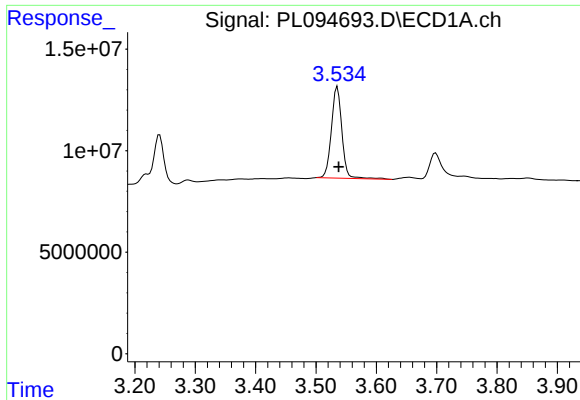
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031325\  
Data File : PL094693.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2025 19:37  
Operator : AR\AJ  
Sample : Q1547-05MSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 11:39:53 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

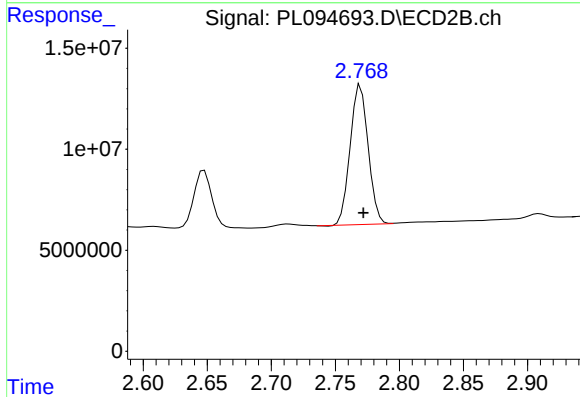




#1 Tetrachloro-m-xylene

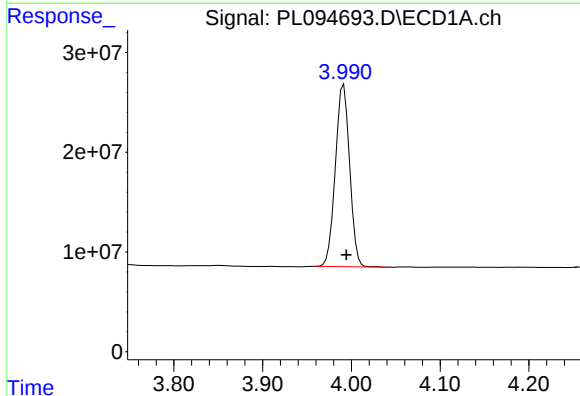
R.T.: 3.535 min  
Delta R.T.: -0.002 min  
Response: 54856889  
Conc: 19.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



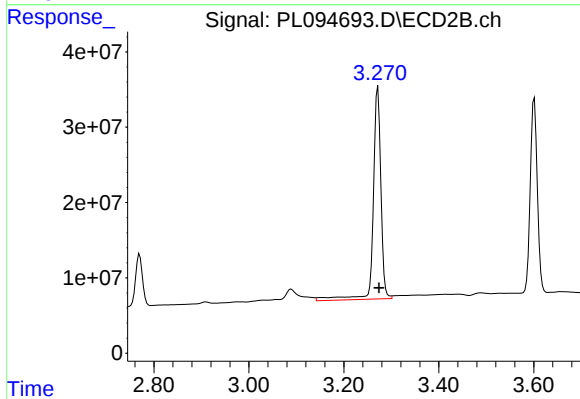
#1 Tetrachloro-m-xylene

R.T.: 2.770 min  
Delta R.T.: -0.002 min  
Response: 67575931  
Conc: 18.93 ng/ml



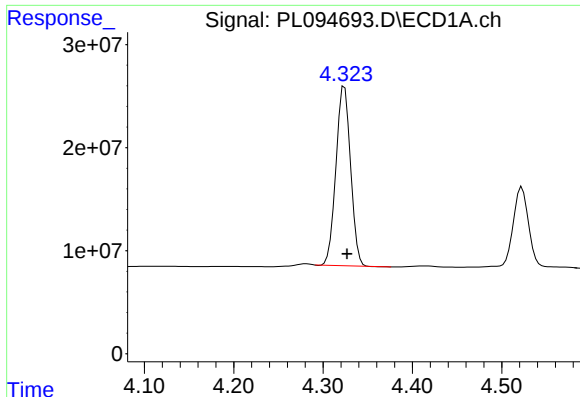
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: -0.003 min  
Response: 204155142  
Conc: 49.17 ng/ml



#2 alpha-BHC

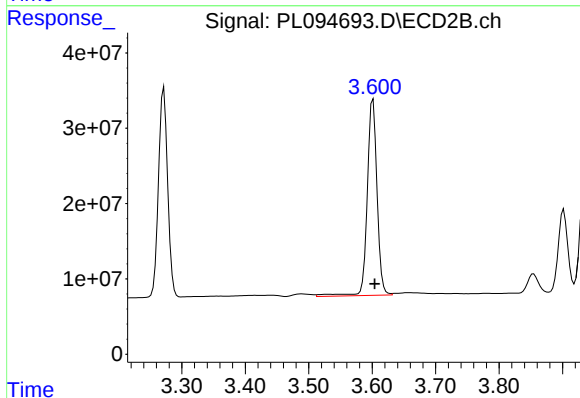
R.T.: 3.272 min  
Delta R.T.: -0.003 min  
Response: 314125617  
Conc: 58.26 ng/ml



#3 gamma-BHC (Lindane)

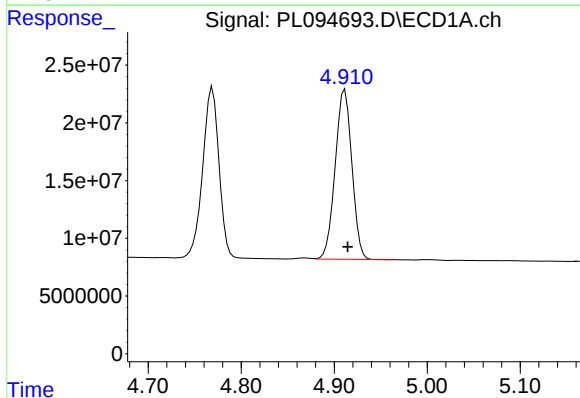
R.T.: 4.324 min  
Delta R.T.: -0.003 min  
Response: 197453157  
Conc: 49.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



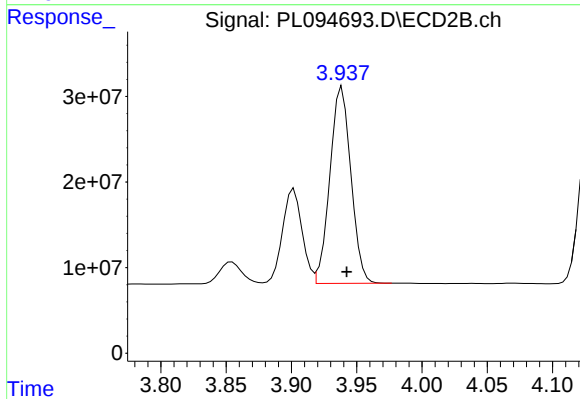
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: -0.003 min  
Response: 280383594  
Conc: 54.56 ng/ml



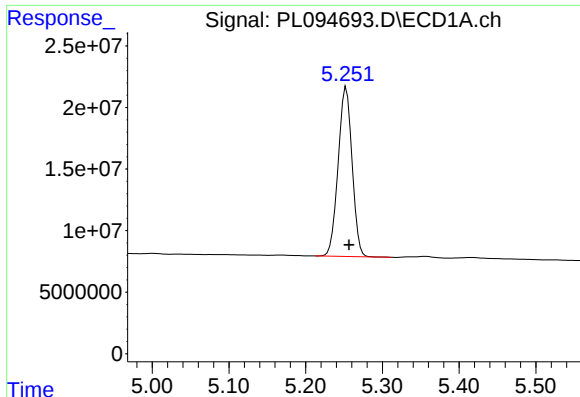
#4 Heptachlor

R.T.: 4.912 min  
Delta R.T.: -0.003 min  
Response: 183468809  
Conc: 47.27 ng/ml



#4 Heptachlor

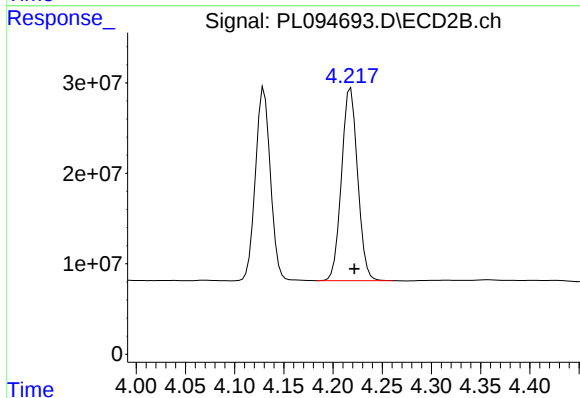
R.T.: 3.939 min  
Delta R.T.: -0.004 min  
Response: 257814089  
Conc: 48.93 ng/ml



#5 Aldrin

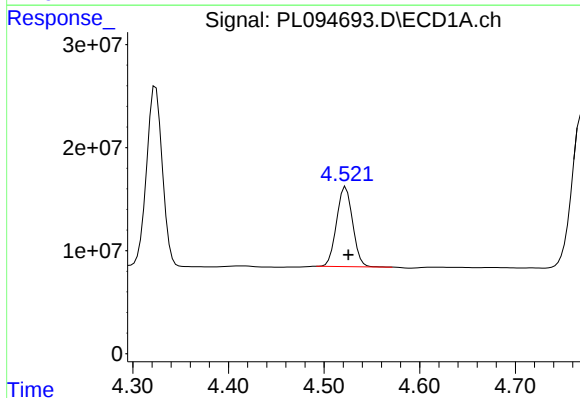
R.T.: 5.253 min  
Delta R.T.: -0.003 min  
Response: 173671307  
Conc: 47.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



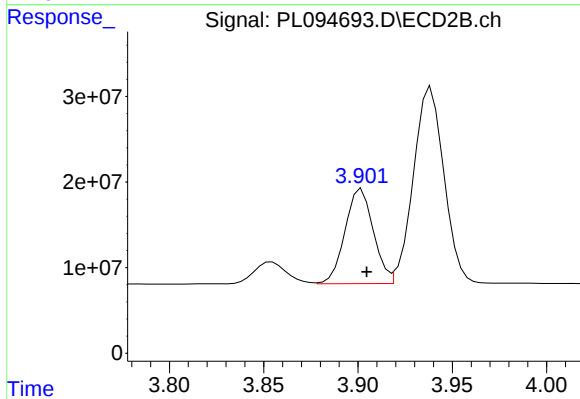
#5 Aldrin

R.T.: 4.218 min  
Delta R.T.: -0.004 min  
Response: 242533292  
Conc: 49.74 ng/ml



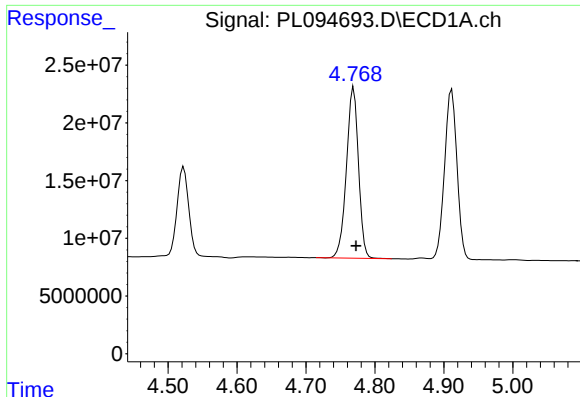
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.003 min  
Response: 90128392  
Conc: 48.84 ng/ml



#6 beta-BHC

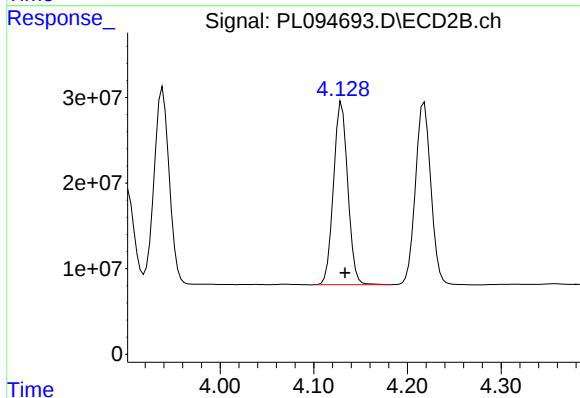
R.T.: 3.902 min  
Delta R.T.: -0.003 min  
Response: 115998790  
Conc: 52.22 ng/ml



#7 delta-BHC

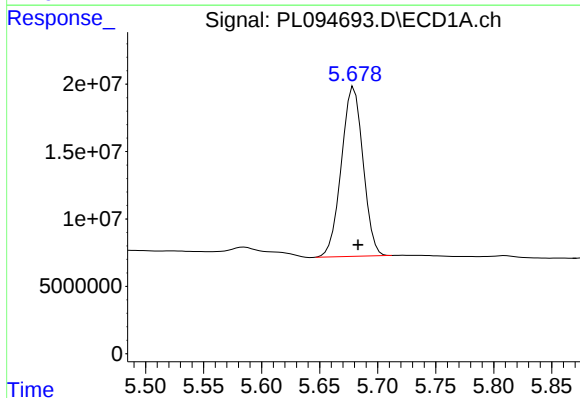
R.T.: 4.769 min  
Delta R.T.: -0.004 min  
Response: 180024330  
Conc: 46.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



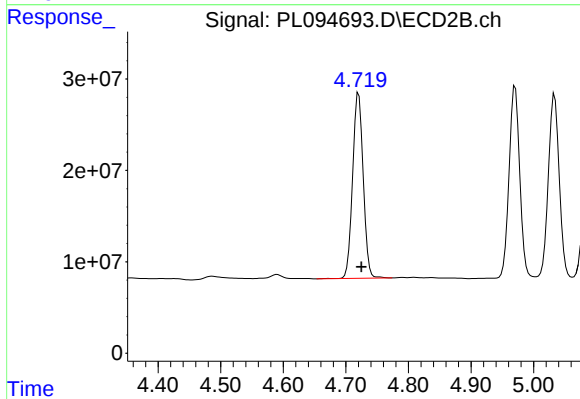
#7 delta-BHC

R.T.: 4.130 min  
Delta R.T.: -0.003 min  
Response: 226124466  
Conc: 45.21 ng/ml



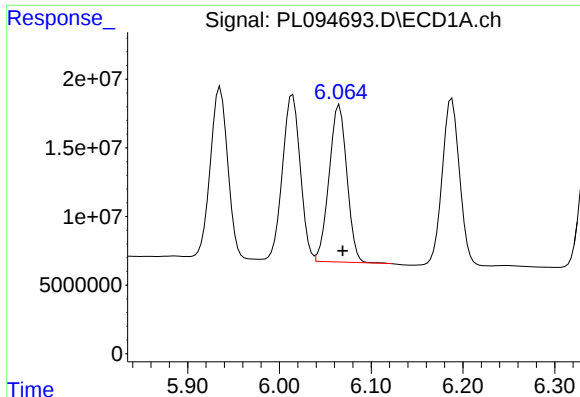
#8 Heptachlor epoxide

R.T.: 5.680 min  
Delta R.T.: -0.003 min  
Response: 163608176  
Conc: 48.91 ng/ml



#8 Heptachlor epoxide

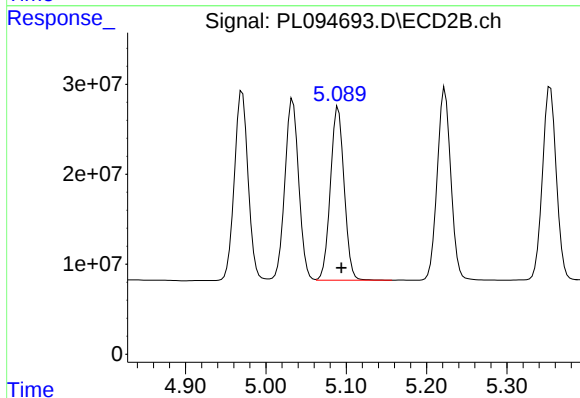
R.T.: 4.721 min  
Delta R.T.: -0.004 min  
Response: 239639445  
Conc: 52.34 ng/ml



#9 Endosulfan I

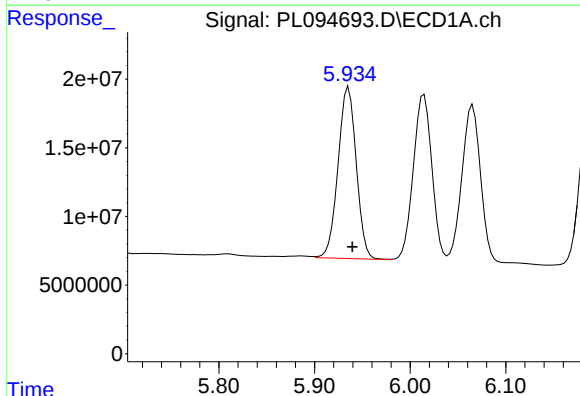
R.T.: 6.065 min  
Delta R.T.: -0.004 min  
Response: 154698407  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



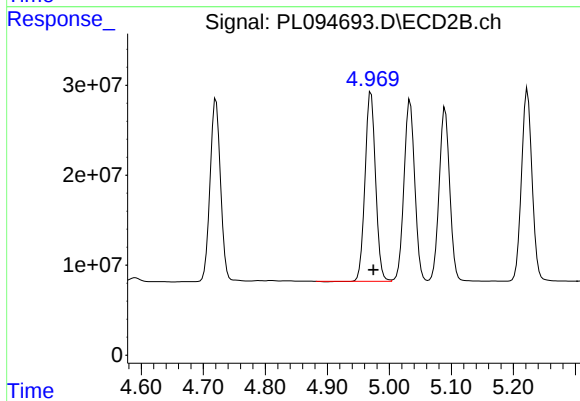
#9 Endosulfan I

R.T.: 5.090 min  
Delta R.T.: -0.004 min  
Response: 229321823  
Conc: 52.25 ng/ml



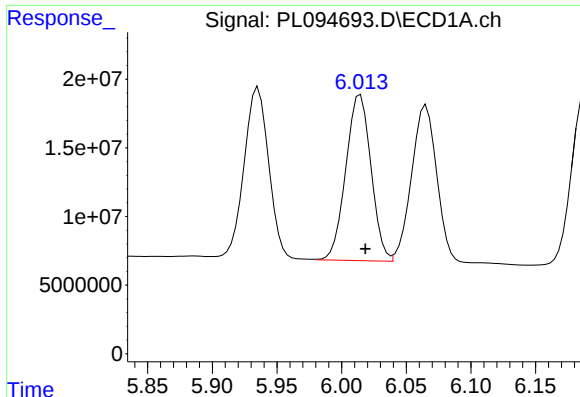
#10 gamma-Chlordane

R.T.: 5.936 min  
Delta R.T.: -0.004 min  
Response: 165832600  
Conc: 49.22 ng/ml



#10 gamma-Chlordane

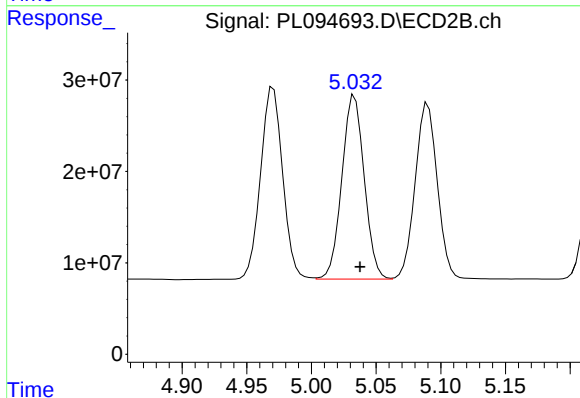
R.T.: 4.971 min  
Delta R.T.: -0.003 min  
Response: 248713065  
Conc: 51.51 ng/ml



#11 alpha-Chlordane

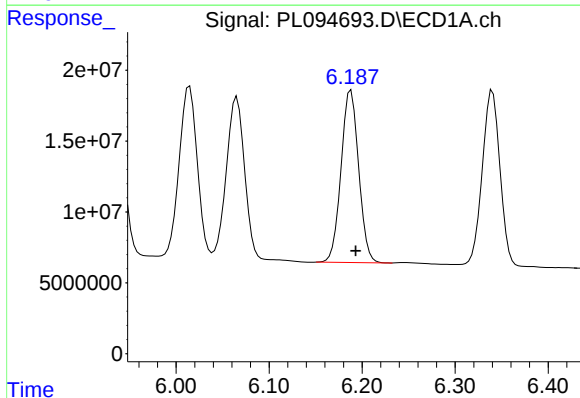
R.T.: 6.015 min  
Delta R.T.: -0.004 min  
Response: 163619904  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



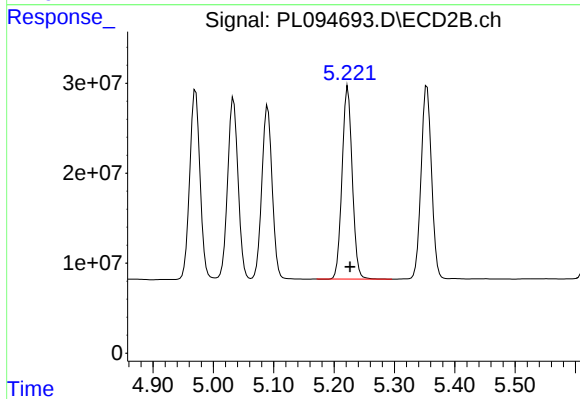
#11 alpha-Chlordane

R.T.: 5.033 min  
Delta R.T.: -0.004 min  
Response: 241752633  
Conc: 50.65 ng/ml



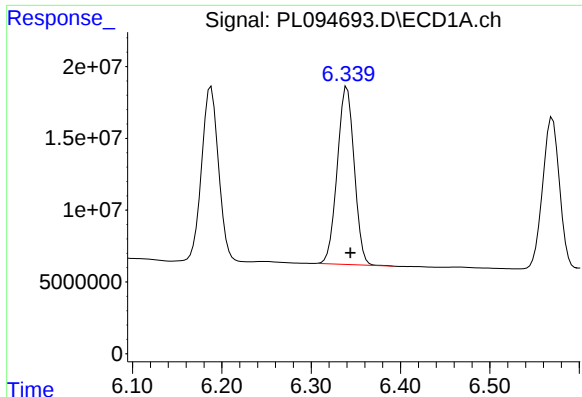
#12 4,4'-DDE

R.T.: 6.188 min  
Delta R.T.: -0.005 min  
Response: 159929087  
Conc: 54.36 ng/ml



#12 4,4'-DDE

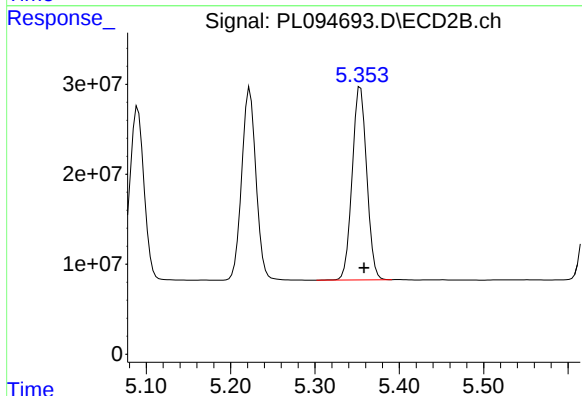
R.T.: 5.223 min  
Delta R.T.: -0.004 min  
Response: 250892361  
Conc: 53.97 ng/ml



#13 Dieldrin

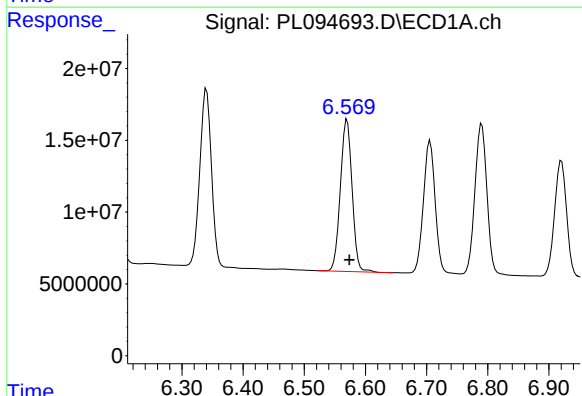
R.T.: 6.340 min  
Delta R.T.: -0.004 min  
Response: 162871069  
Conc: 50.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



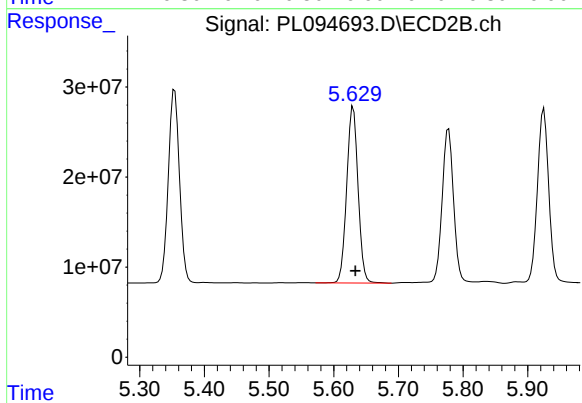
#13 Dieldrin

R.T.: 5.354 min  
Delta R.T.: -0.004 min  
Response: 257230933  
Conc: 53.02 ng/ml



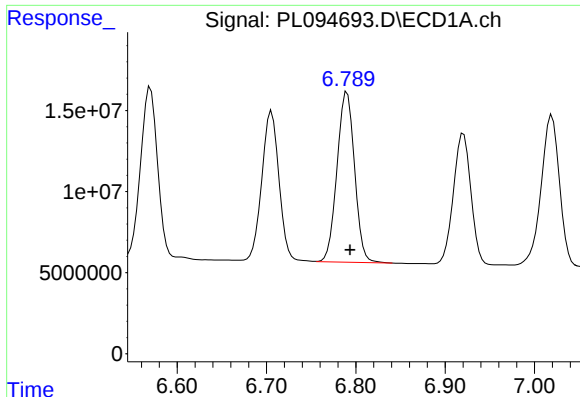
#14 Endrin

R.T.: 6.570 min  
Delta R.T.: -0.004 min  
Response: 140727647  
Conc: 50.77 ng/ml



#14 Endrin

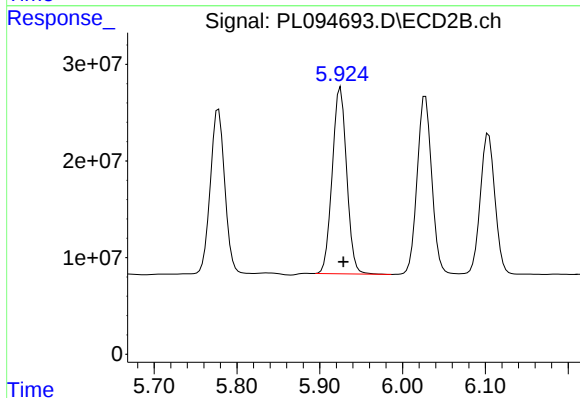
R.T.: 5.630 min  
Delta R.T.: -0.003 min  
Response: 239833667  
Conc: 54.96 ng/ml



#15 Endosulfan II

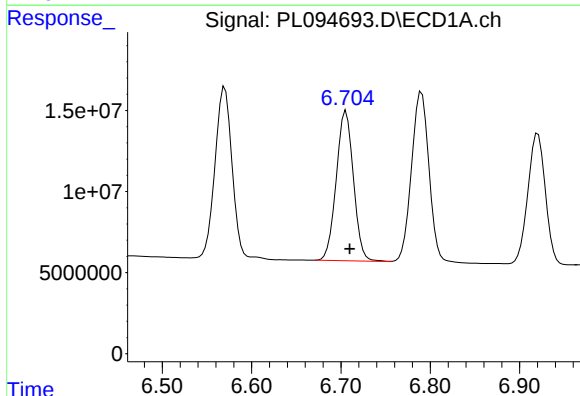
R.T.: 6.790 min  
Delta R.T.: -0.003 min  
Response: 143305135  
Conc: 52.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



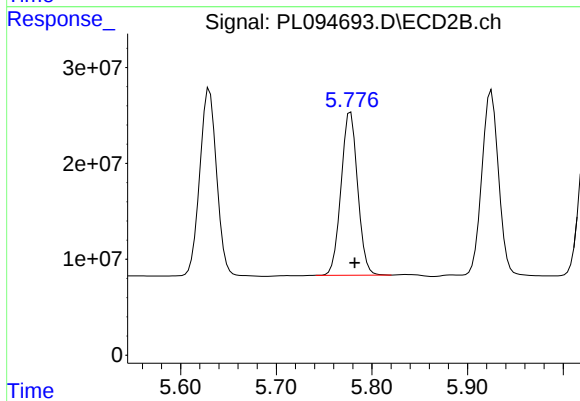
#15 Endosulfan II

R.T.: 5.925 min  
Delta R.T.: -0.004 min  
Response: 233771947  
Conc: 54.01 ng/ml



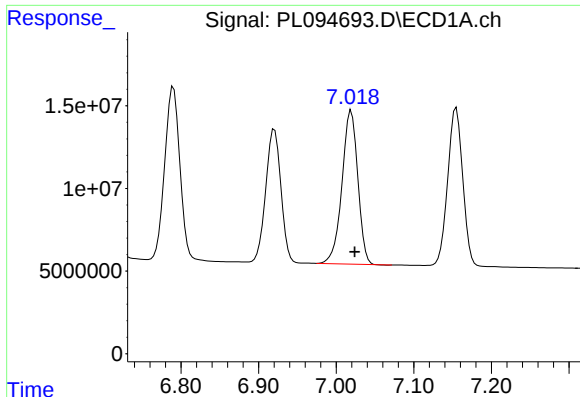
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 123526723  
Conc: 57.03 ng/ml



#16 4,4'-DDD

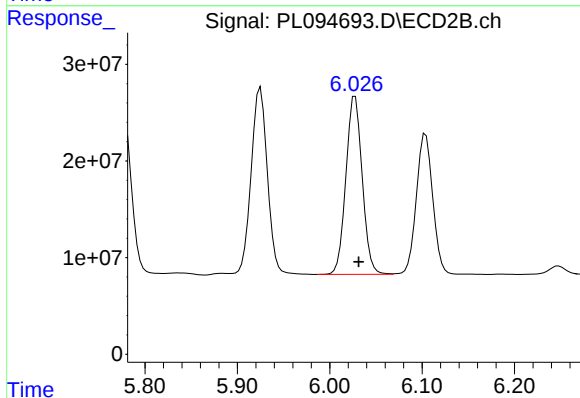
R.T.: 5.778 min  
Delta R.T.: -0.004 min  
Response: 205190914  
Conc: 57.06 ng/ml



#17 4,4'-DDT

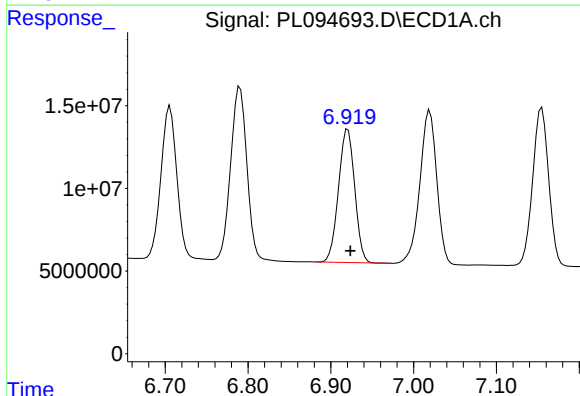
R.T.: 7.019 min  
Delta R.T.: -0.004 min  
Response: 132005061  
Conc: 55.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



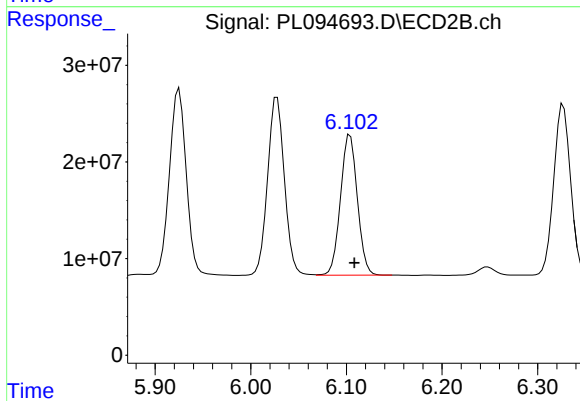
#17 4,4'-DDT

R.T.: 6.028 min  
Delta R.T.: -0.004 min  
Response: 226041143  
Conc: 56.06 ng/ml



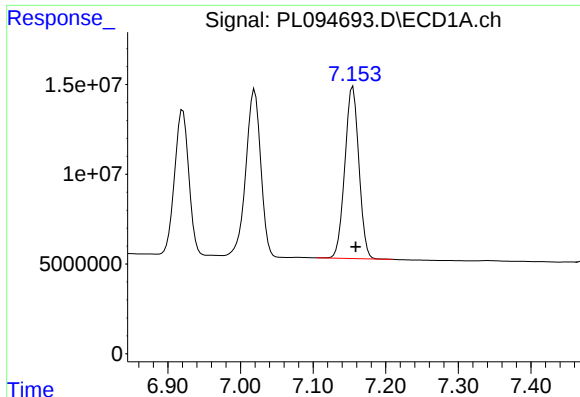
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: 109900240  
Conc: 52.06 ng/ml



#18 Endrin aldehyde

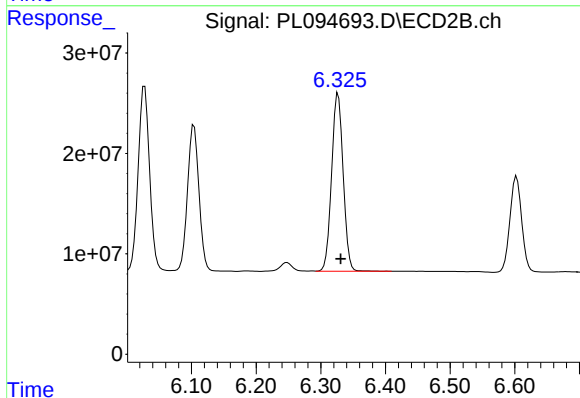
R.T.: 6.104 min  
Delta R.T.: -0.004 min  
Response: 178781921  
Conc: 53.12 ng/ml



#19 Endosulfan Sulfate

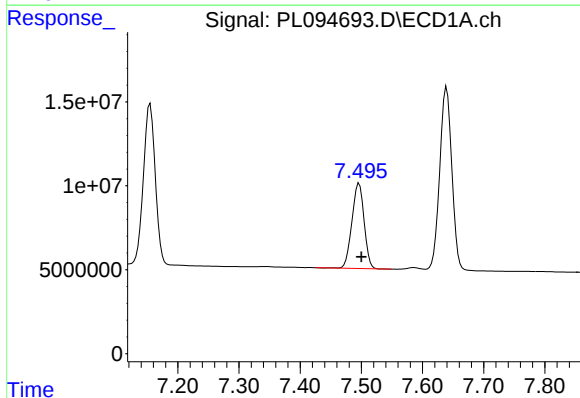
R.T.: 7.155 min  
Delta R.T.: -0.004 min  
Response: 128980249  
Conc: 53.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



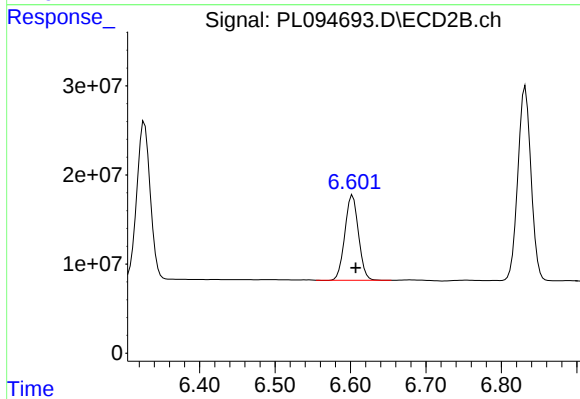
#19 Endosulfan Sulfate

R.T.: 6.327 min  
Delta R.T.: -0.004 min  
Response: 219612905  
Conc: 53.91 ng/ml



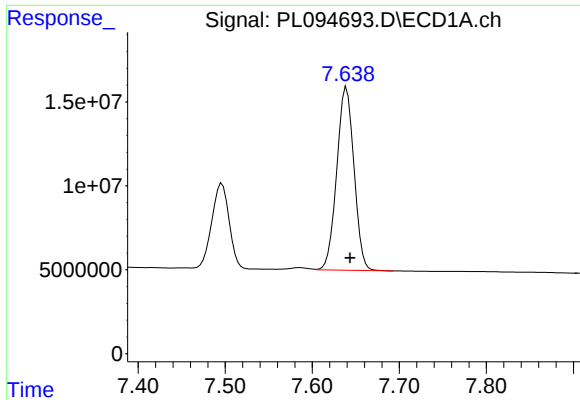
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: -0.003 min  
Response: 70246435  
Conc: 58.68 ng/ml



#20 Methoxychlor

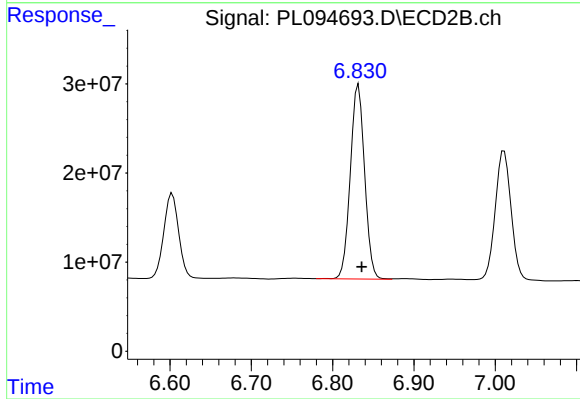
R.T.: 6.603 min  
Delta R.T.: -0.004 min  
Response: 119676856  
Conc: 56.42 ng/ml



#21 Endrin ketone

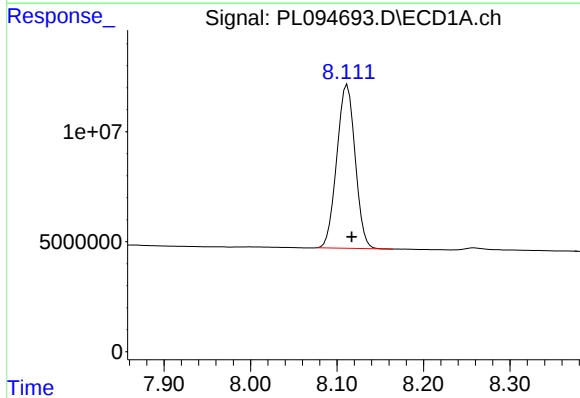
R.T.: 7.639 min  
Delta R.T.: -0.004 min  
Response: 150215557  
Conc: 56.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



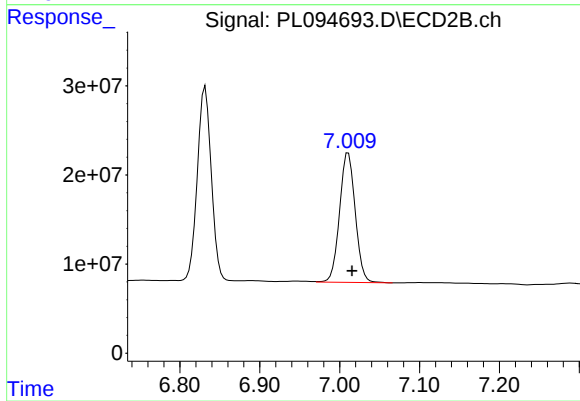
#21 Endrin ketone

R.T.: 6.832 min  
Delta R.T.: -0.004 min  
Response: 265768029  
Conc: 55.69 ng/ml



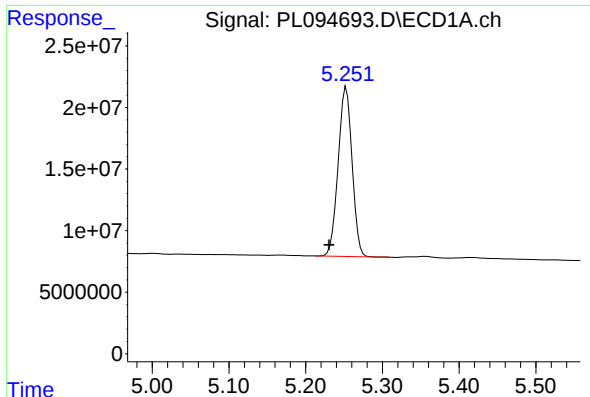
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: -0.005 min  
Response: 108982902  
Conc: 52.74 ng/ml



#22 Mirex

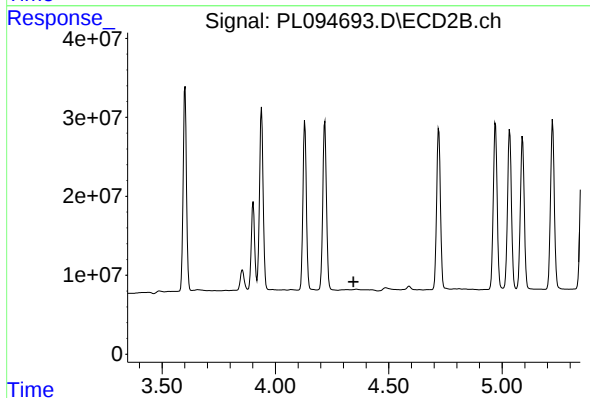
R.T.: 7.011 min  
Delta R.T.: -0.005 min  
Response: 198534626  
Conc: 52.31 ng/ml



#24 Chlordane-2

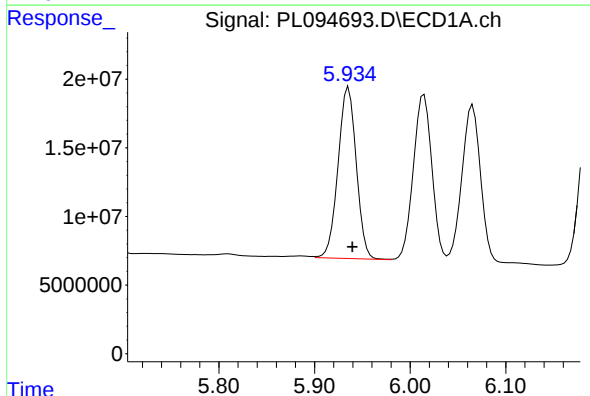
R.T.: 5.253 min  
Delta R.T.: 0.023 min  
Response: 173671307  
Conc: 1147.82 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



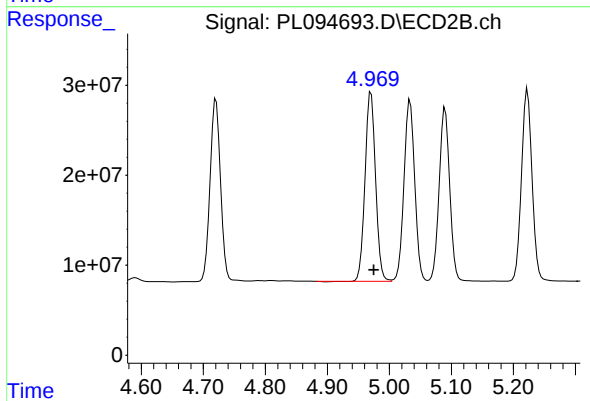
#24 Chlordane-2

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



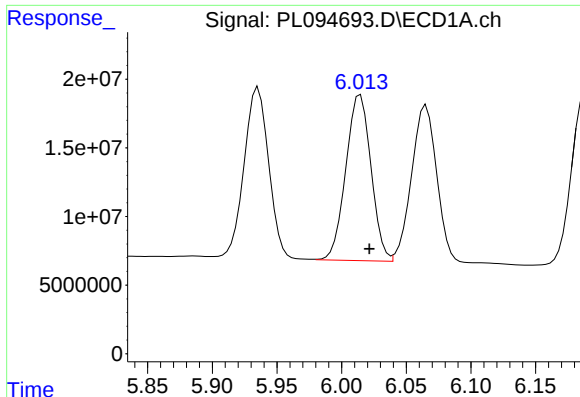
#25 Chlordane-3

R.T.: 5.936 min  
Delta R.T.: -0.004 min  
Response: 165832600  
Conc: 331.78 ng/ml



#25 Chlordane-3

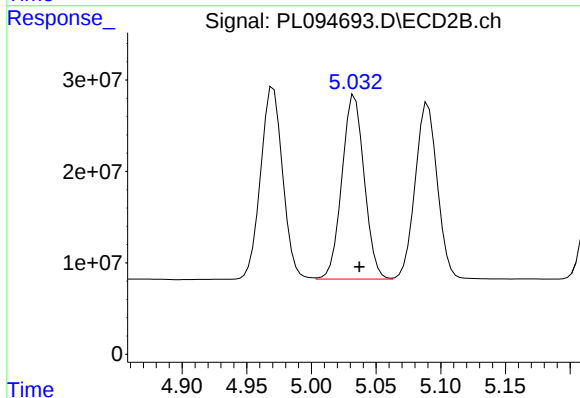
R.T.: 4.971 min  
Delta R.T.: -0.004 min  
Response: 248713065  
Conc: 467.51 ng/ml



#26 Chlordane-4

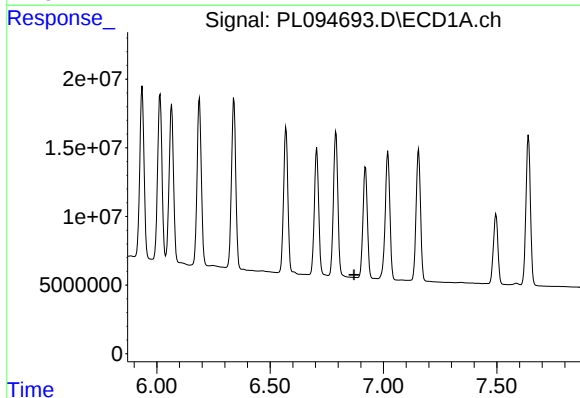
R.T.: 6.015 min  
Delta R.T.: -0.007 min  
Response: 163619904  
Conc: 277.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



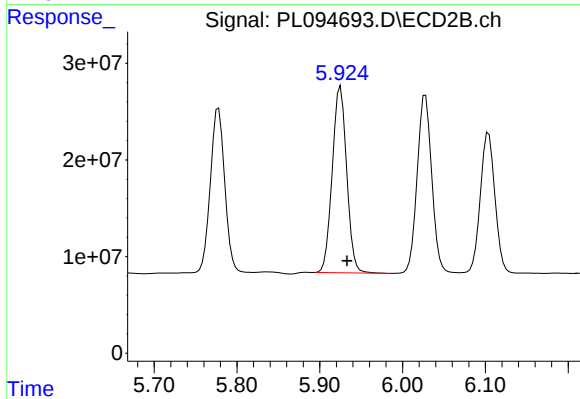
#26 Chlordane-4

R.T.: 5.033 min  
Delta R.T.: -0.004 min  
Response: 241752633  
Conc: 464.41 ng/ml



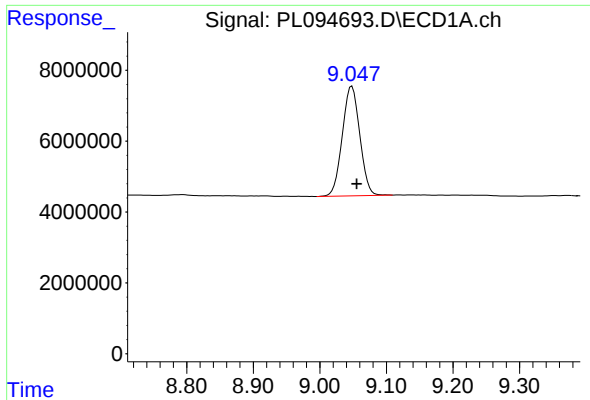
#27 Chlordane-5

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



#27 Chlordane-5

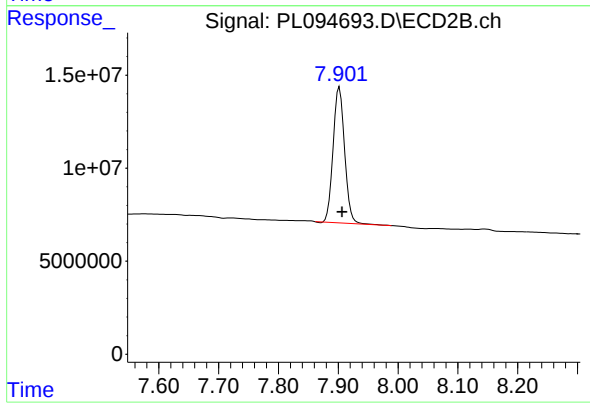
R.T.: 5.925 min  
Delta R.T.: -0.008 min  
Response: 233771947  
Conc: 1218.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.048 min  
Delta R.T.: -0.007 min  
Response: 56415825  
Conc: 26.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-620-JB-COMP-01MSD



#28 Decachlorobiphenyl

R.T.: 7.902 min  
Delta R.T.: -0.005 min  
Response: 97456968  
Conc: 24.13 ng/ml