

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030625\  
 Data File : PL094532.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Mar 2025 13:14  
 Operator : AR\AJ  
 Sample : Q1494-05MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOILMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 07 00:06:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 21 14:52:19 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... | 3.538  | 2.771  | 100.2E6  | 69674325 | 39.468   | 21.833 #   |
| 28)                         | SA Decachlor... | 9.057  | 7.908  | 42300662 | 68268632 | 19.885   | 17.752     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.274  | 195.7E6  | 249.8E6  | 51.747   | 50.832     |
| 3)                          | MA gamma-BHC... | 4.327  | 3.604  | 189.0E6  | 243.1E6  | 51.149   | 51.607     |
| 4)                          | MA Heptachlor   | 4.915  | 3.942  | 182.5E6  | 251.5E6  | 53.819   | 53.274     |
| 5)                          | MB Aldrin       | 5.256  | 4.221  | 175.7E6  | 236.5E6  | 51.205   | 51.186     |
| 6)                          | B beta-BHC      | 4.525  | 3.904  | 85989841 | 106.6E6  | 53.848   | 53.604     |
| 7)                          | B delta-BHC     | 4.772  | 4.133  | 187.5E6  | 252.1E6  | 52.988   | 53.237     |
| 8)                          | B Heptachlo...  | 5.683  | 4.724  | 160.2E6  | 223.0E6  | 53.176   | 52.397     |
| 9)                          | A Endosulfan I  | 6.069  | 5.094  | 147.7E6  | 211.8E6  | 53.731   | 53.138     |
| 10)                         | B gamma-Chl...  | 5.940  | 4.974  | 160.8E6  | 231.4E6  | 54.749   | 53.328     |
| 11)                         | B alpha-Chl...  | 6.018  | 5.038  | 158.2E6  | 227.7E6  | 54.620   | 52.727     |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.226  | 150.1E6  | 232.5E6  | 57.472   | 55.346     |
| 13)                         | MA Dieldrin     | 6.344  | 5.358  | 152.8E6  | 234.7E6  | 53.625   | 53.559     |
| 14)                         | MA Endrin       | 6.574  | 5.633  | 129.4E6  | 218.3E6  | 50.716   | 64.104 #   |
| 15)                         | B Endosulfa...  | 6.794  | 5.929  | 128.8E6  | 206.0E6  | 51.149   | 55.087     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.782  | 115.0E6  | 186.1E6  | 62.160   | 58.431     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.032  | 115.2E6  | 195.4E6  | 54.842   | 54.921     |
| 18)                         | B Endrin al...  | 6.925  | 6.108  | 99898253 | 156.3E6  | 51.314   | 49.464     |
| 19)                         | B Endosulfa...  | 7.160  | 6.331  | 118.1E6  | 196.9E6  | 52.178   | 53.296     |
| 20)                         | A Methoxychlor  | 7.501  | 6.607  | 60435135 | 104.4E6  | 54.395   | 53.505     |
| 21)                         | B Endrin ke...  | 7.645  | 6.837  | 129.0E6  | 222.5E6  | 51.450   | 52.146     |
| 22)                         | Mirex           | 8.118  | 7.017  | 95465241 | 170.3E6  | 46.268   | 48.838     |
| 23)                         | Chlordane-1     | 0.000  | 3.760  | 0        | 248096   | N.D.     | 1.827 #    |
| 24)                         | Chlordane-2     | 5.256f | 4.361f | 175.7E6  | 2612265  | 1401.203 | 16.567 #   |
| 25)                         | Chlordane-3     | 5.940  | 4.974  | 160.8E6  | 231.4E6  | 367.133  | 487.044 #  |
| 26)                         | Chlordane-4     | 6.018  | 5.038  | 158.2E6  | 227.7E6  | 298.547  | 484.316 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.929  | 0        | 206.0E6  | N.D.     | 1258.188 # |
| -----                       |                 |        |        |          |          |          |            |

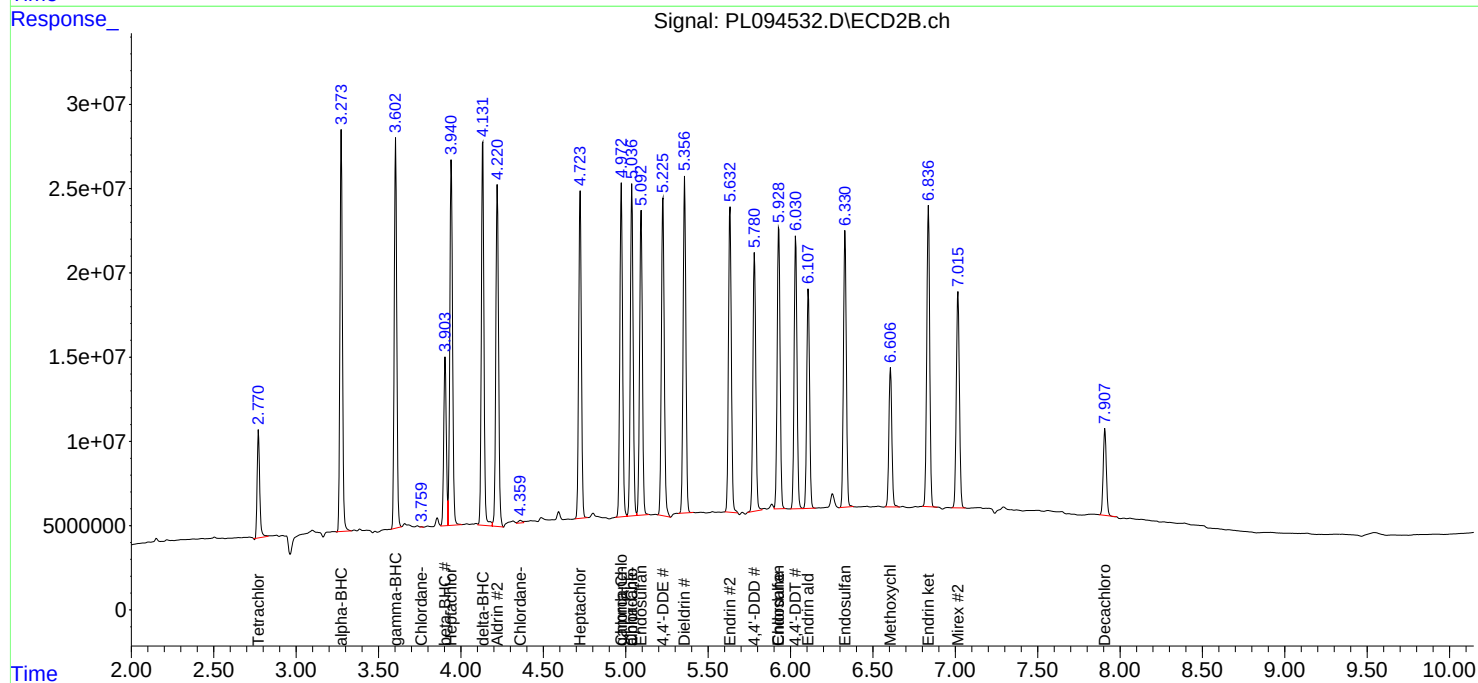
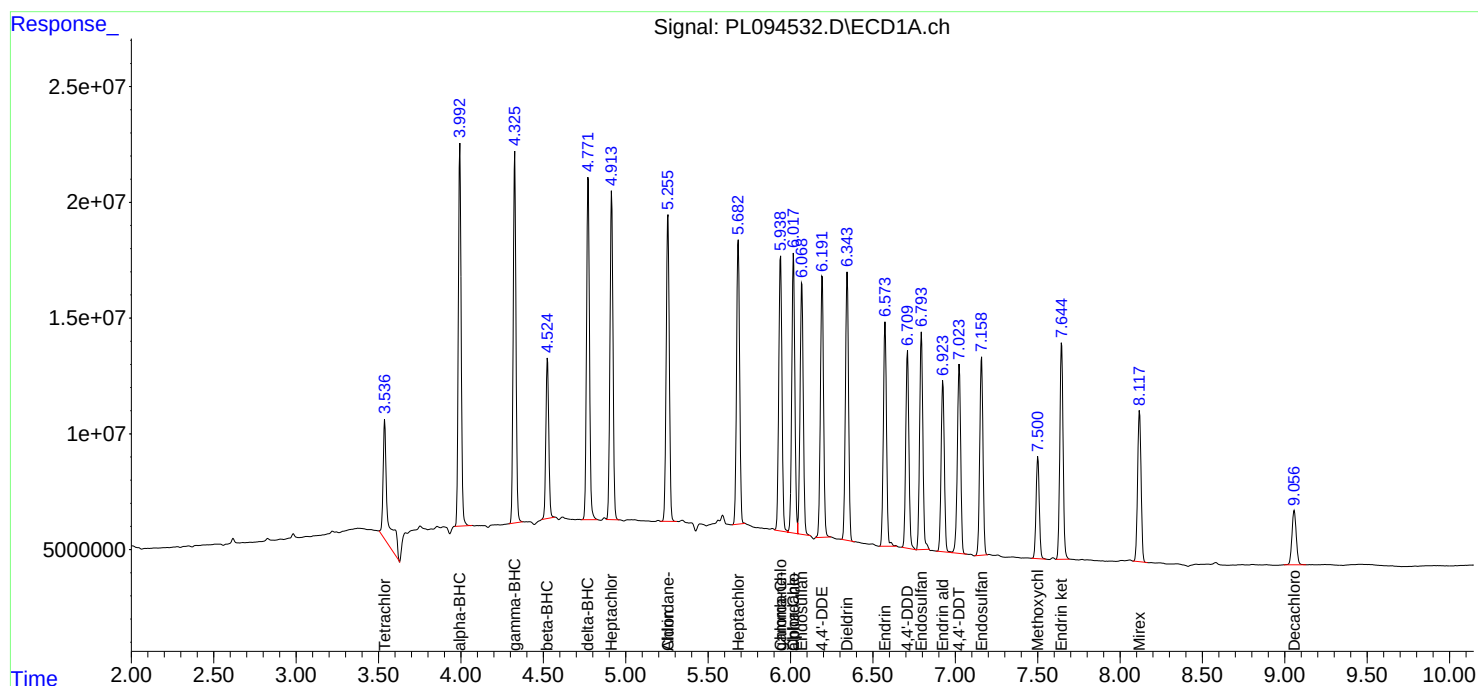
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

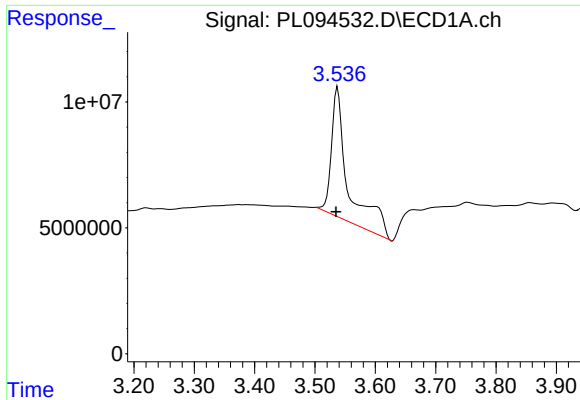
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030625\  
Data File : PL094532.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Mar 2025 13:14  
Operator : AR\AJ  
Sample : Q1494-05MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 07 00:06:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 21 14:52:19 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

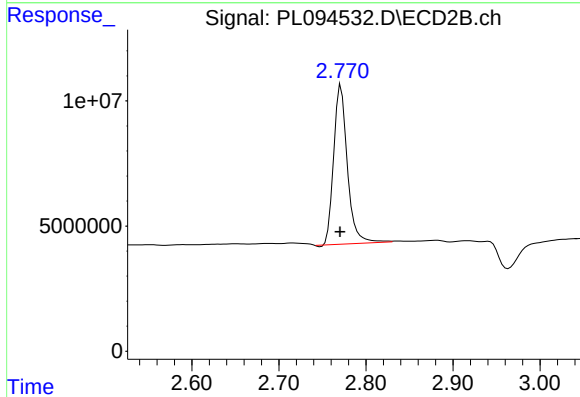




#1 Tetrachloro-m-xylene

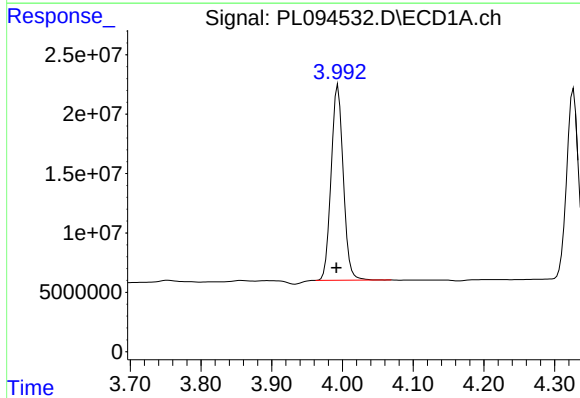
R.T.: 3.538 min  
Delta R.T.: 0.003 min  
Response: 100212583  
Conc: 39.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



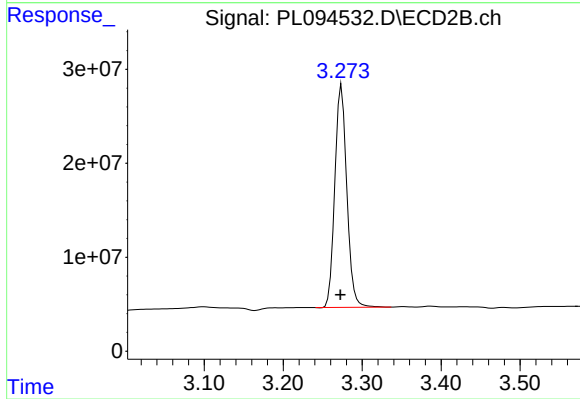
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.001 min  
Response: 69674325  
Conc: 21.83 ng/ml



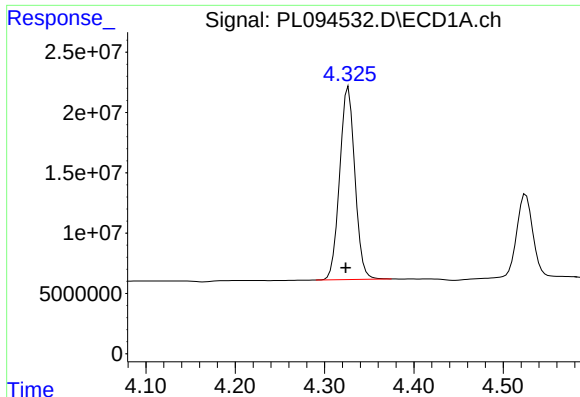
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.002 min  
Response: 195741003  
Conc: 51.75 ng/ml



#2 alpha-BHC

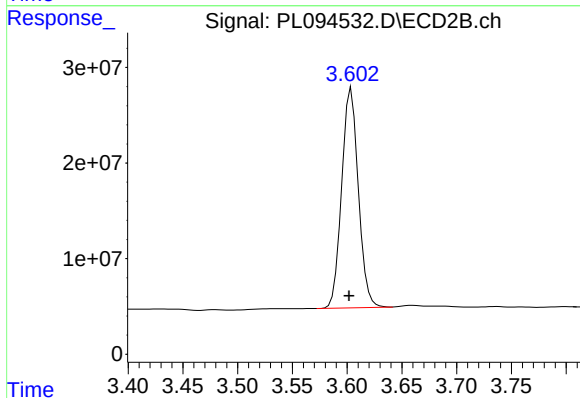
R.T.: 3.274 min  
Delta R.T.: 0.002 min  
Response: 249828461  
Conc: 50.83 ng/ml



#3 gamma-BHC (Lindane)

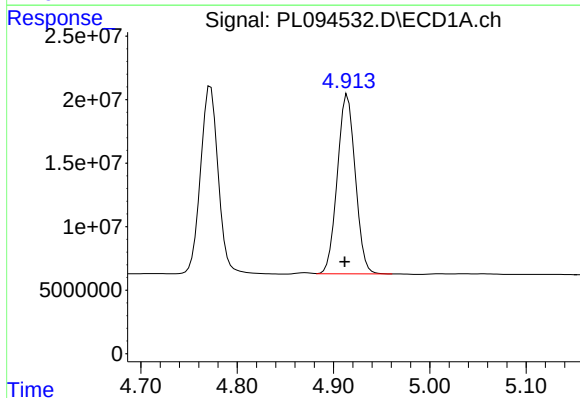
R.T.: 4.327 min  
Delta R.T.: 0.003 min  
Response: 188980195  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



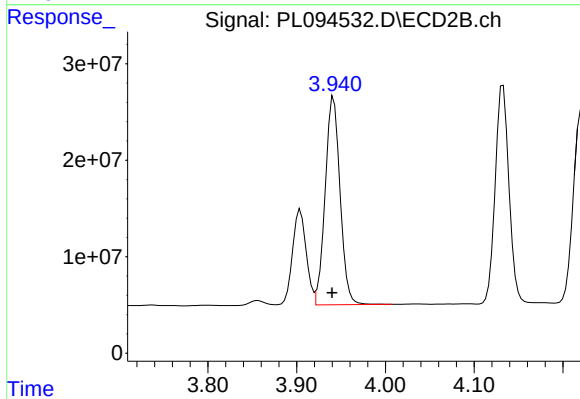
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: 0.002 min  
Response: 243064993  
Conc: 51.61 ng/ml



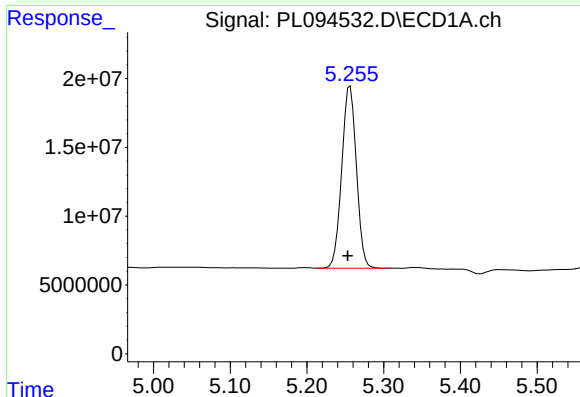
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.003 min  
Response: 182464182  
Conc: 53.82 ng/ml



#4 Heptachlor

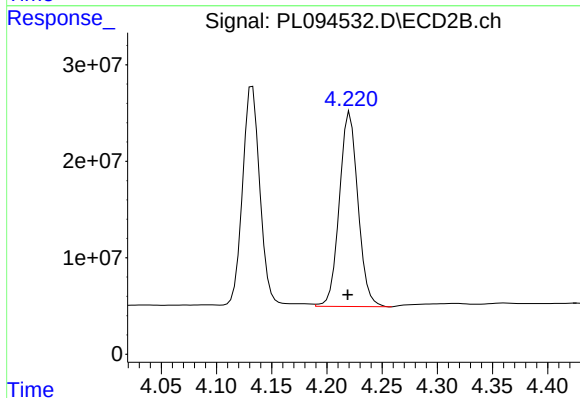
R.T.: 3.942 min  
Delta R.T.: 0.002 min  
Response: 251471367  
Conc: 53.27 ng/ml



#5 Aldrin

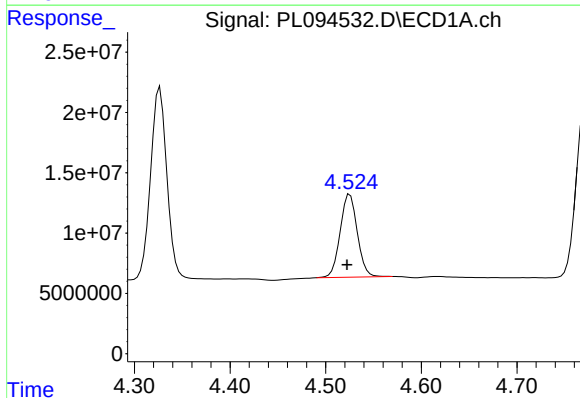
R.T.: 5.256 min  
Delta R.T.: 0.003 min  
Response: 175723589  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



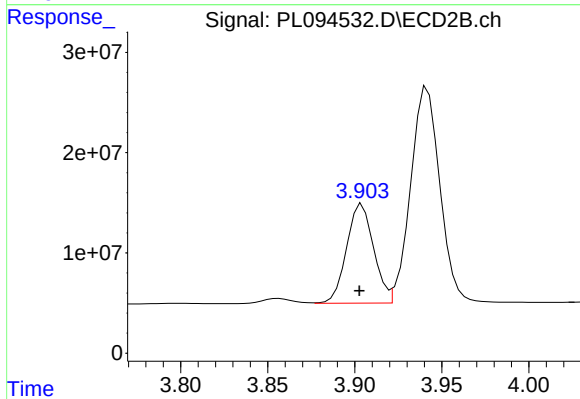
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: 0.002 min  
Response: 236497475  
Conc: 51.19 ng/ml



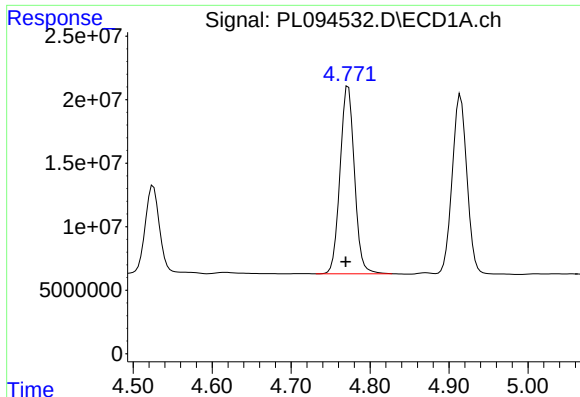
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.003 min  
Response: 85989841  
Conc: 53.85 ng/ml



#6 beta-BHC

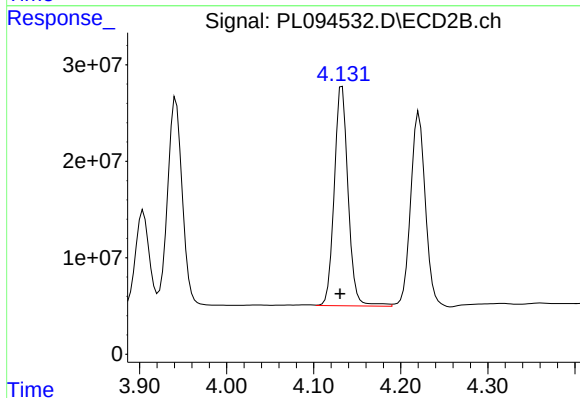
R.T.: 3.904 min  
Delta R.T.: 0.002 min  
Response: 106613730  
Conc: 53.60 ng/ml



#7 delta-BHC

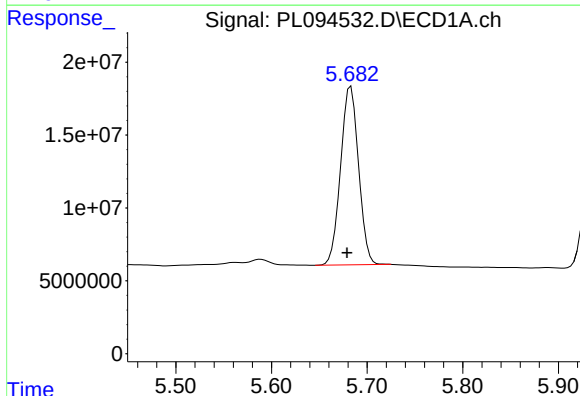
R.T.: 4.772 min  
Delta R.T.: 0.003 min  
Response: 187485490  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



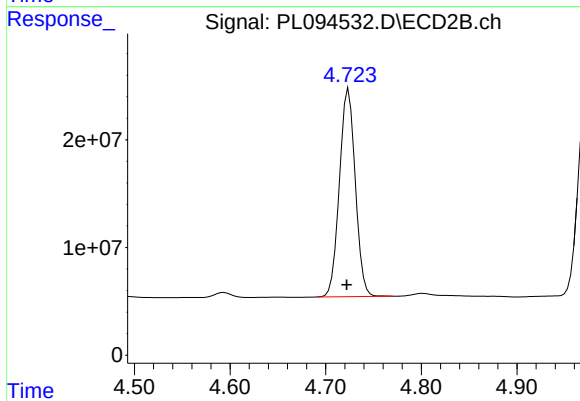
#7 delta-BHC

R.T.: 4.133 min  
Delta R.T.: 0.002 min  
Response: 252116549  
Conc: 53.24 ng/ml



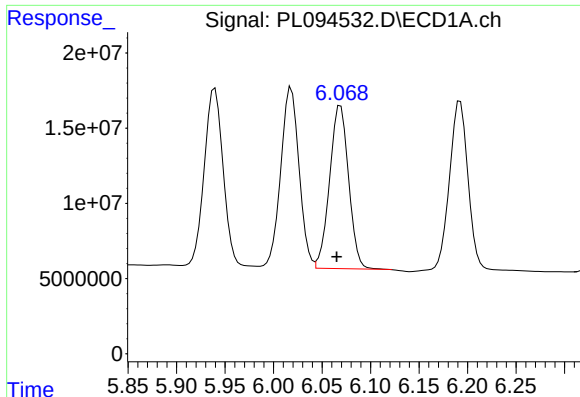
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.004 min  
Response: 160240618  
Conc: 53.18 ng/ml



#8 Heptachlor epoxide

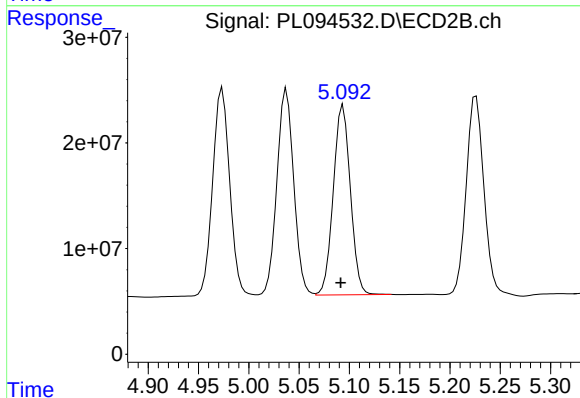
R.T.: 4.724 min  
Delta R.T.: 0.002 min  
Response: 222970869  
Conc: 52.40 ng/ml



#9 Endosulfan I

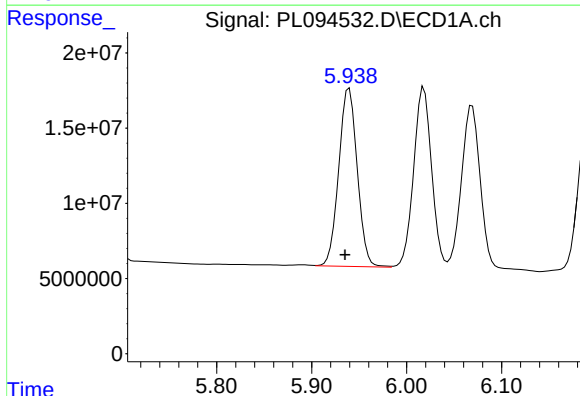
R.T.: 6.069 min  
Delta R.T.: 0.004 min  
Response: 147687214  
Conc: 53.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



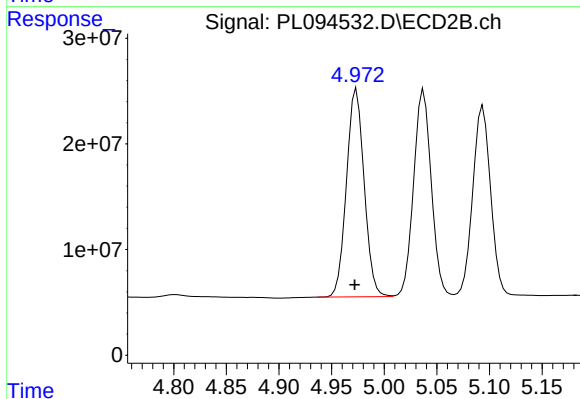
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: 0.003 min  
Response: 211839274  
Conc: 53.14 ng/ml



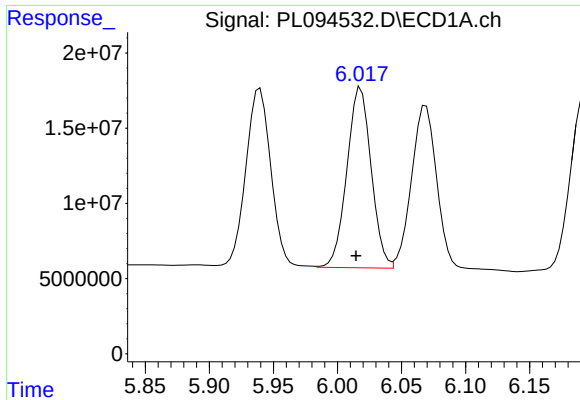
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: 0.004 min  
Response: 160751563  
Conc: 54.75 ng/ml



#10 gamma-Chlordane

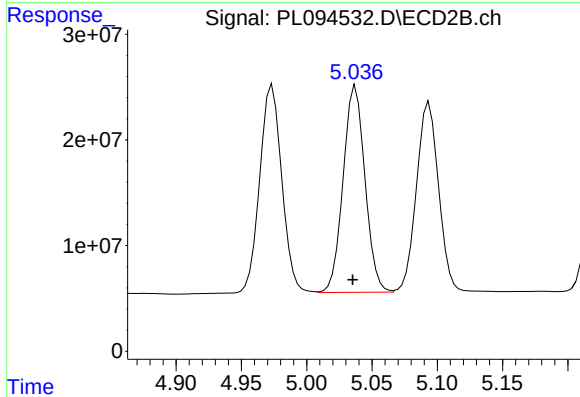
R.T.: 4.974 min  
Delta R.T.: 0.002 min  
Response: 231382922  
Conc: 53.33 ng/ml



#11 alpha-Chlordane

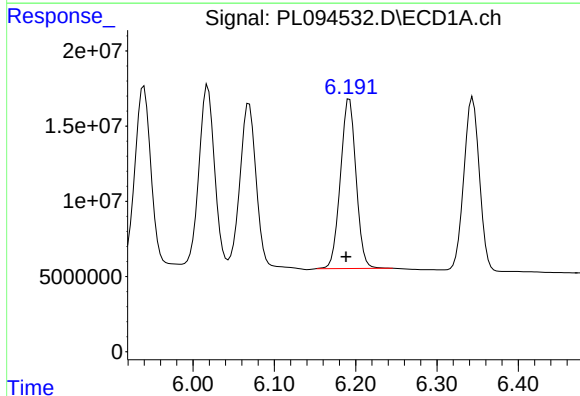
R.T.: 6.018 min  
Delta R.T.: 0.004 min  
Response: 158239034  
Conc: 54.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



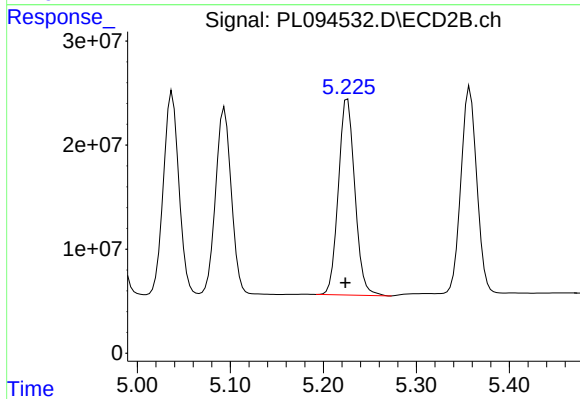
#11 alpha-Chlordane

R.T.: 5.038 min  
Delta R.T.: 0.002 min  
Response: 227655458  
Conc: 52.73 ng/ml



#12 4,4'-DDE

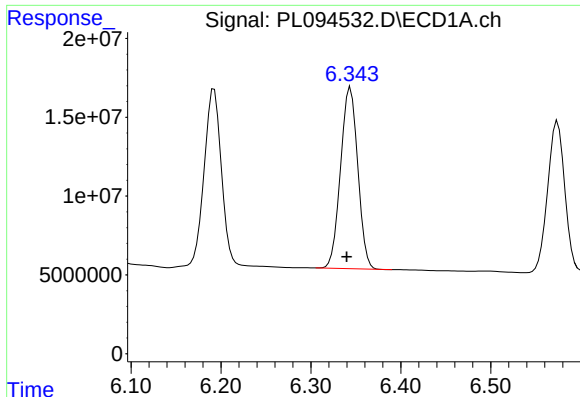
R.T.: 6.192 min  
Delta R.T.: 0.004 min  
Response: 150100324  
Conc: 57.47 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: 0.002 min  
Response: 232451928  
Conc: 55.35 ng/ml

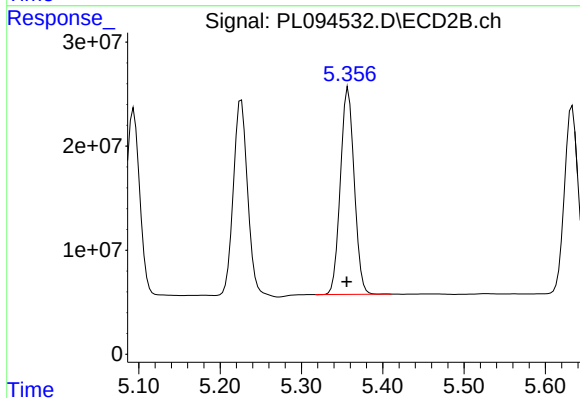




#13 Dieldrin

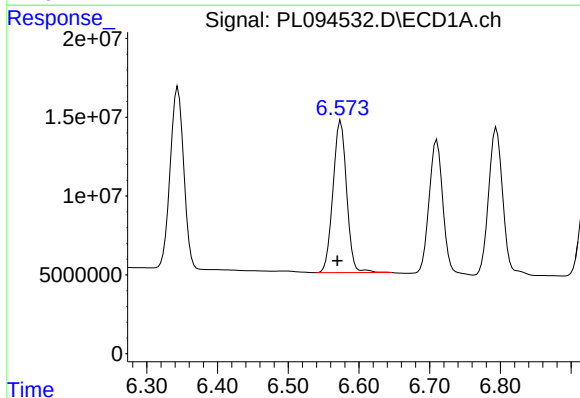
R.T.: 6.344 min  
Delta R.T.: 0.004 min  
Response: 152779310  
Conc: 53.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



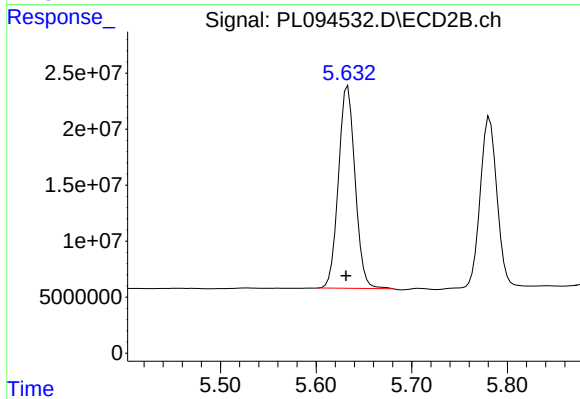
#13 Dieldrin

R.T.: 5.358 min  
Delta R.T.: 0.002 min  
Response: 234681597  
Conc: 53.56 ng/ml



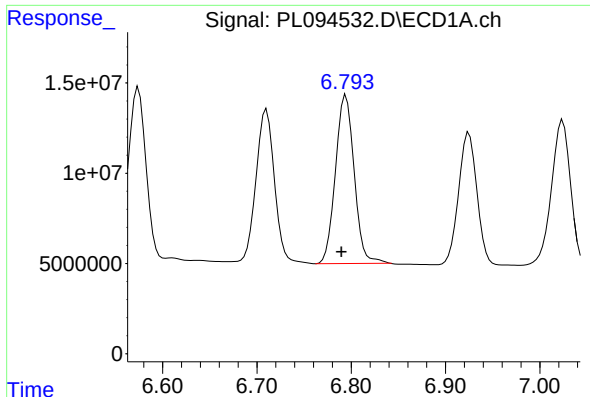
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.005 min  
Response: 129442316  
Conc: 50.72 ng/ml



#14 Endrin

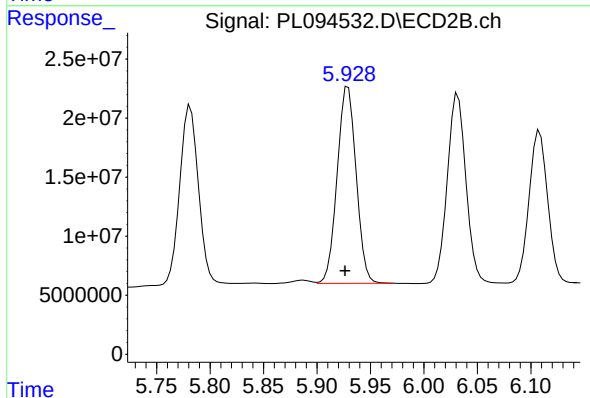
R.T.: 5.633 min  
Delta R.T.: 0.002 min  
Response: 218255604  
Conc: 64.10 ng/ml



#15 Endosulfan II

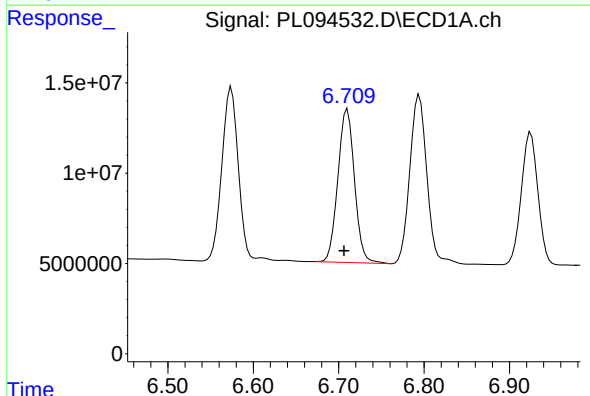
R.T.: 6.794 min  
Delta R.T.: 0.005 min  
Response: 128755391  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



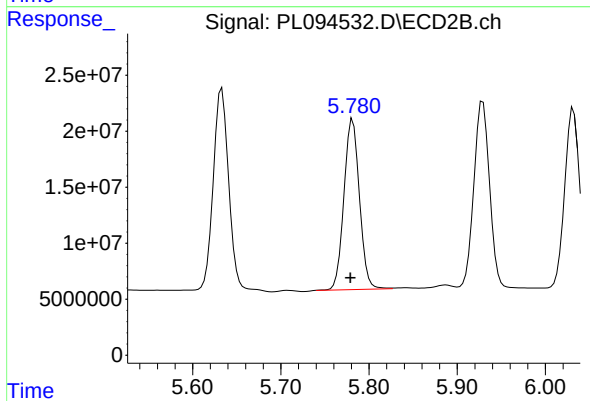
#15 Endosulfan II

R.T.: 5.929 min  
Delta R.T.: 0.003 min  
Response: 205998573  
Conc: 55.09 ng/ml



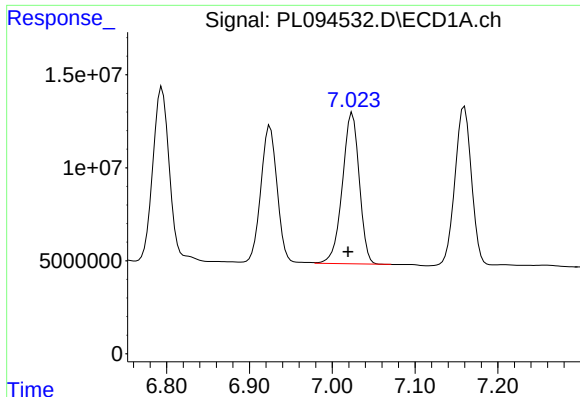
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.004 min  
Response: 114981272  
Conc: 62.16 ng/ml



#16 4,4'-DDD

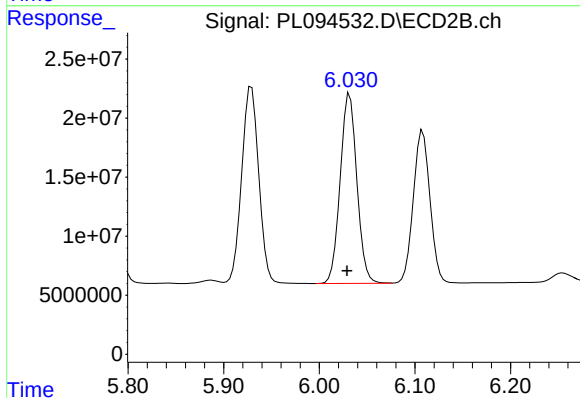
R.T.: 5.782 min  
Delta R.T.: 0.003 min  
Response: 186121515  
Conc: 58.43 ng/ml



#17 4,4'-DDT

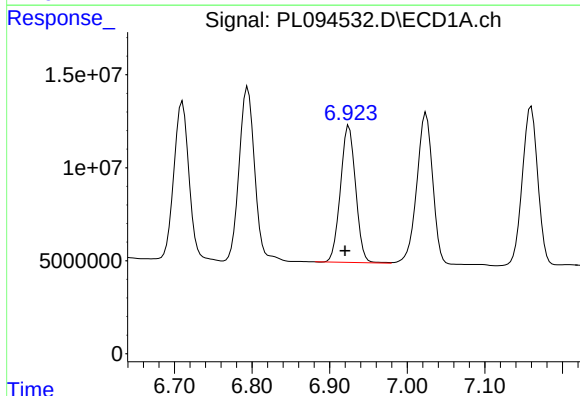
R.T.: 7.024 min  
Delta R.T.: 0.005 min  
Response: 115170288  
Conc: 54.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



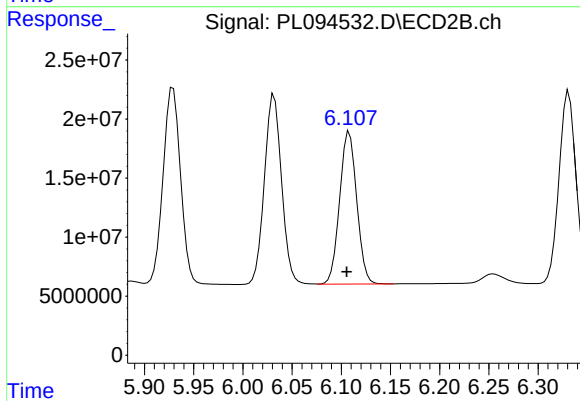
#17 4,4'-DDT

R.T.: 6.032 min  
Delta R.T.: 0.003 min  
Response: 195354291  
Conc: 54.92 ng/ml



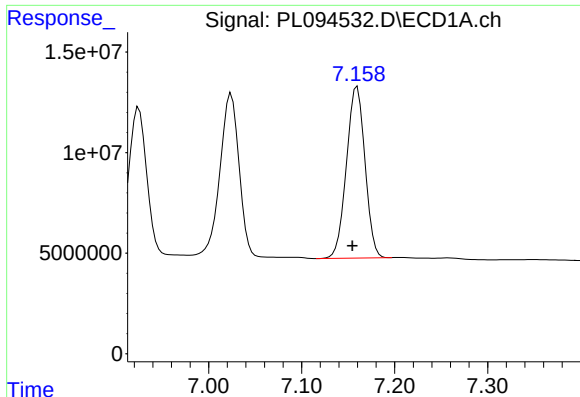
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.005 min  
Response: 99898253  
Conc: 51.31 ng/ml



#18 Endrin aldehyde

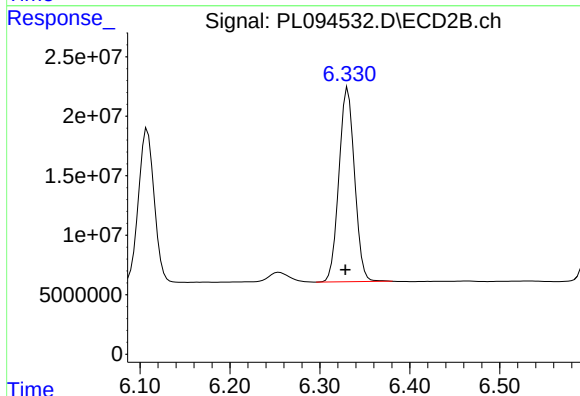
R.T.: 6.108 min  
Delta R.T.: 0.003 min  
Response: 156328979  
Conc: 49.46 ng/ml



#19 Endosulfan Sulfate

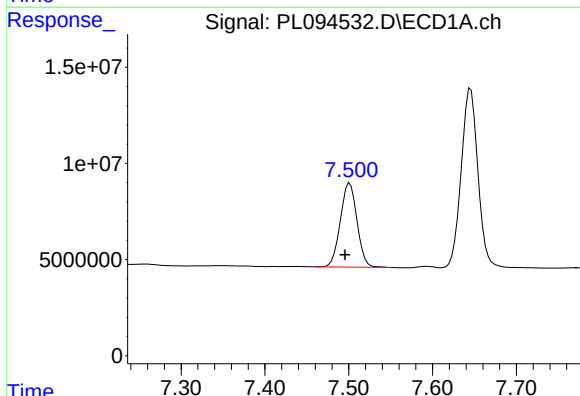
R.T.: 7.160 min  
Delta R.T.: 0.005 min  
Response: 118123215  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



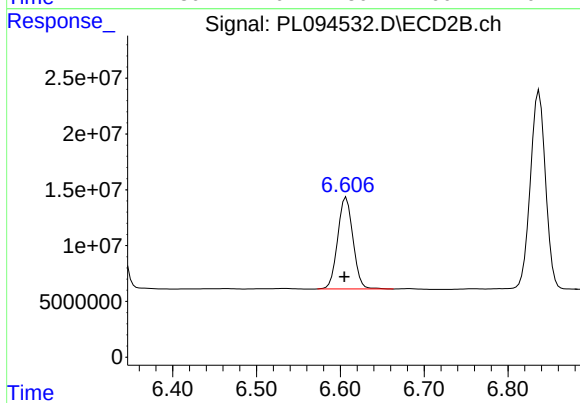
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: 0.003 min  
Response: 196855100  
Conc: 53.30 ng/ml



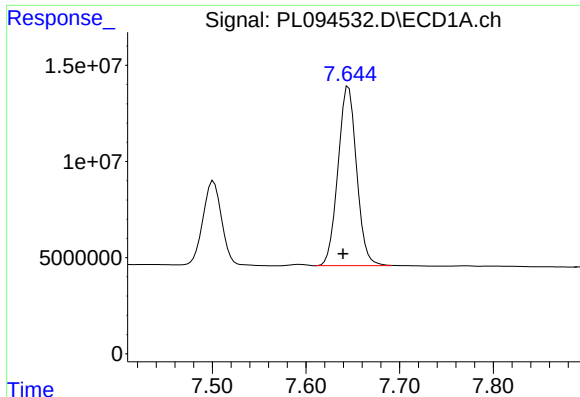
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.006 min  
Response: 60435135  
Conc: 54.40 ng/ml



#20 Methoxychlor

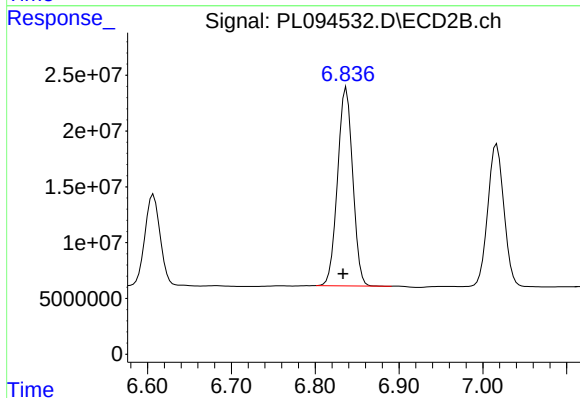
R.T.: 6.607 min  
Delta R.T.: 0.002 min  
Response: 104389630  
Conc: 53.51 ng/ml



#21 Endrin ketone

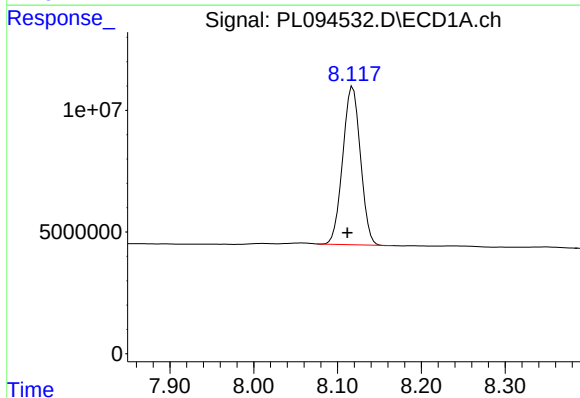
R.T.: 7.645 min  
Delta R.T.: 0.006 min  
Response: 128981887  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



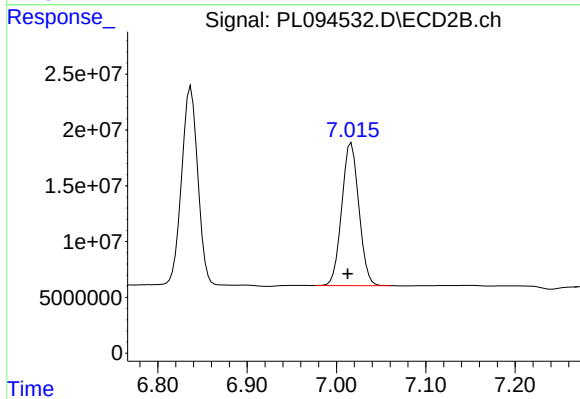
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: 0.004 min  
Response: 222536218  
Conc: 52.15 ng/ml



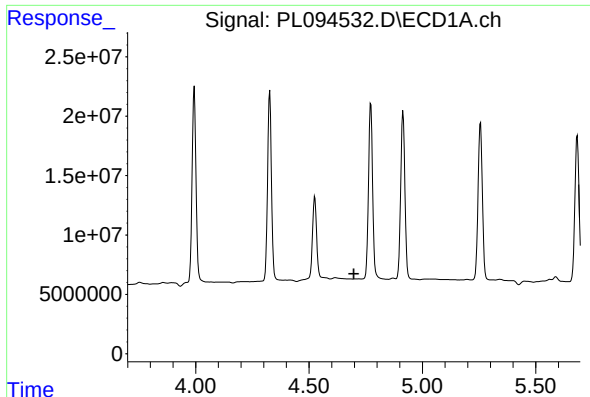
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.006 min  
Response: 95465241  
Conc: 46.27 ng/ml



#22 Mirex

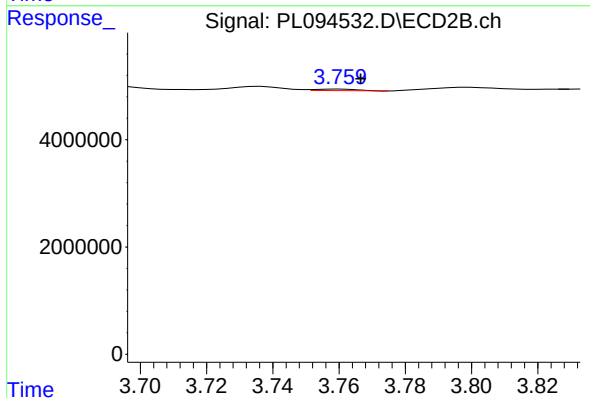
R.T.: 7.017 min  
Delta R.T.: 0.004 min  
Response: 170301200  
Conc: 48.84 ng/ml



#23 Chlordane-1

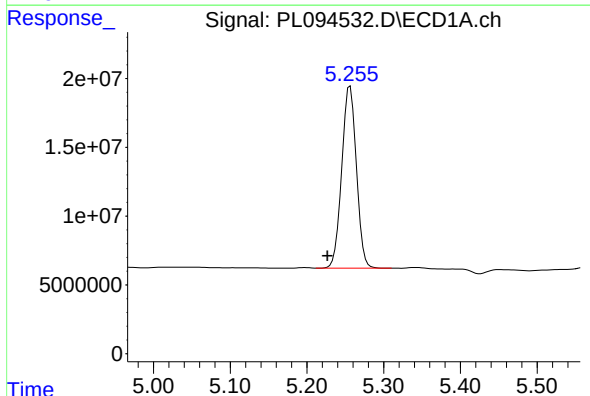
R.T.: 0.000 min  
Exp R.T.: 4.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



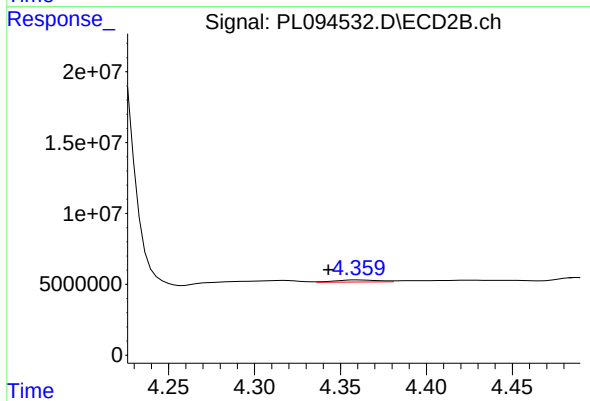
#23 Chlordane-1

R.T.: 3.760 min  
Delta R.T.: -0.006 min  
Response: 248096  
Conc: 1.83 ng/ml



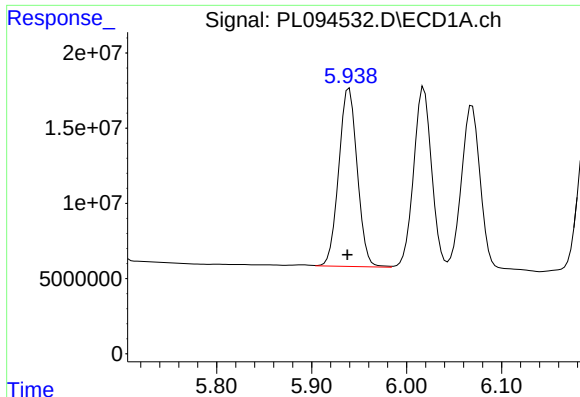
#24 Chlordane-2

R.T.: 5.256 min  
Delta R.T.: 0.030 min  
Response: 175723589  
Conc: 1401.20 ng/ml



#24 Chlordane-2

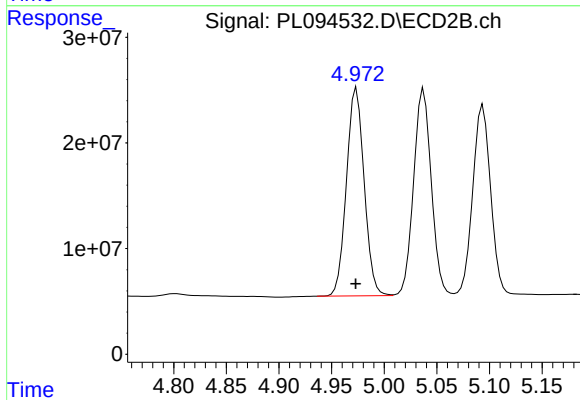
R.T.: 4.361 min  
Delta R.T.: 0.018 min  
Response: 2612265  
Conc: 16.57 ng/ml



#25 Chlordane-3

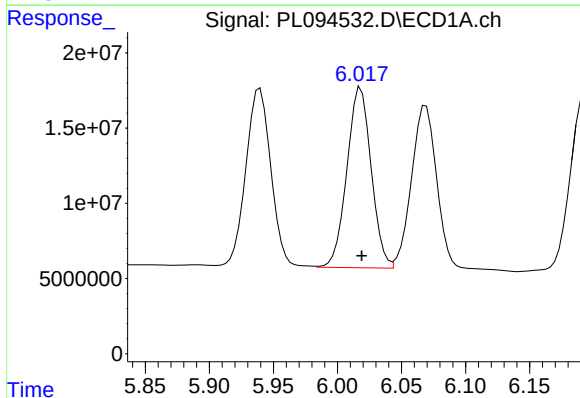
R.T.: 5.940 min  
Delta R.T.: 0.002 min  
Response: 160751563  
Conc: 367.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



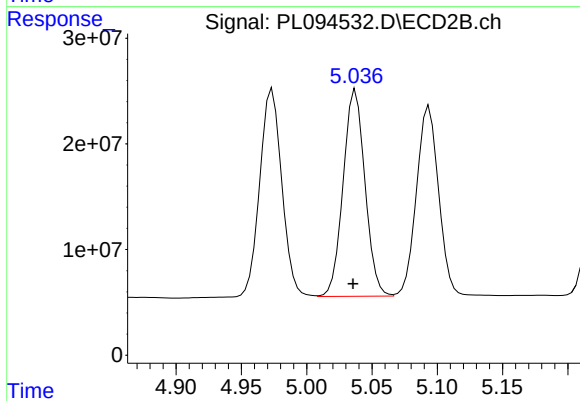
#25 Chlordane-3

R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 231382922  
Conc: 487.04 ng/ml



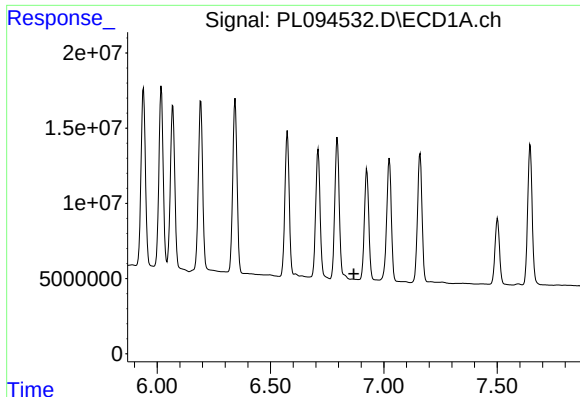
#26 Chlordane-4

R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 158239034  
Conc: 298.55 ng/ml



#26 Chlordane-4

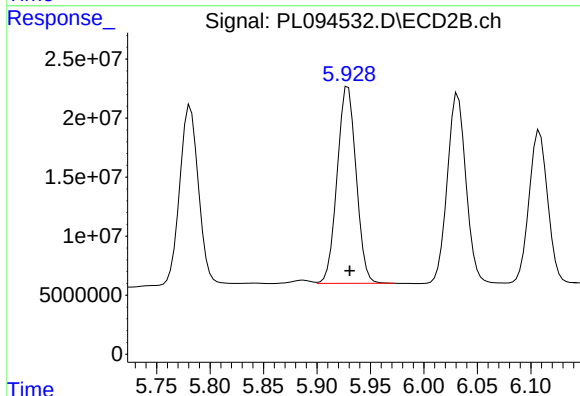
R.T.: 5.038 min  
Delta R.T.: 0.002 min  
Response: 227655458  
Conc: 484.32 ng/ml



#27 Chlordane-5

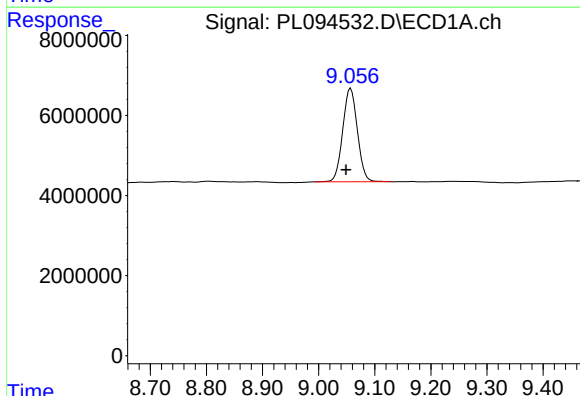
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOILMS



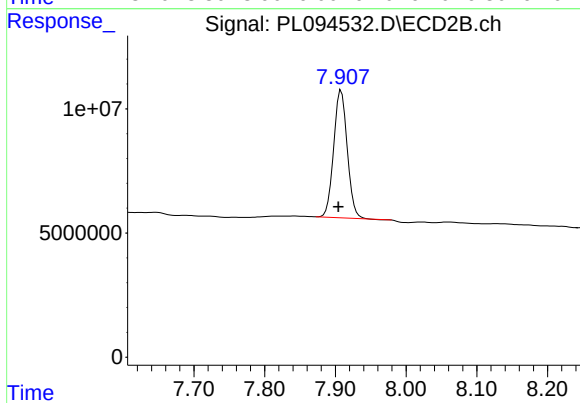
#27 Chlordane-5

R.T.: 5.929 min  
Delta R.T.: -0.002 min  
Response: 205998573  
Conc: 1258.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.008 min  
Response: 42300662  
Conc: 19.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: 0.004 min  
Response: 68268632  
Conc: 17.75 ng/ml