

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071525\  
 Data File : PL096390.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2025 20:19  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 01:41:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 07 15:22:07 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... | 3.536  | 2.828 | 195.9E6  | 245.0E6 | 53.682   | 42.445    |
| 28)                         | SA Decachlor... | 9.017  | 7.992 | 139.4E6  | 199.9E6 | 49.559   | 40.088    |
| Target Compounds            |                 |        |       |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.984  | 3.334 | 297.8E6  | 378.0E6 | 57.900   | 44.814    |
| 3)                          | MA gamma-BHC... | 4.312  | 3.666 | 282.7E6  | 346.7E6 | 56.767   | 44.024    |
| 4)                          | MA Heptachlor   | 4.904  | 4.015 | 246.0E6  | 318.9E6 | 53.706   | 41.914    |
| 5)                          | MB Aldrin       | 5.244  | 4.297 | 268.8E6  | 325.4E6 | 55.606   | 44.597    |
| 6)                          | B beta-BHC      | 4.498  | 3.961 | 119.2E6  | 149.5E6 | 57.344   | 43.655    |
| 7)                          | B delta-BHC     | 4.744  | 4.195 | 262.7E6  | 337.3E6 | 58.615   | 43.798 #  |
| 8)                          | B Heptachlo...  | 5.664  | 4.799 | 248.0E6  | 290.5E6 | 59.759   | 43.455 #  |
| 9)                          | A Endosulfan I  | 6.045  | 5.170 | 220.8E6  | 272.4E6 | 54.679   | 37.974 #  |
| 10)                         | B gamma-Chl...  | 5.917  | 5.052 | 243.7E6  | 306.7E6 | 55.070   | 43.695    |
| 11)                         | B alpha-Chl...  | 5.998  | 5.115 | 239.9E6  | 301.0E6 | 54.791   | 40.024 #  |
| 12)                         | B 4,4'-DDE      | 6.168  | 5.304 | 200.6E6  | 281.9E6 | 54.097   | 43.614    |
| 13)                         | MA Dieldrin     | 6.317  | 5.435 | 230.2E6  | 297.4E6 | 54.449   | 43.609    |
| 14)                         | MA Endrin       | 6.544  | 5.709 | 146.6E6  | 216.3E6 | 47.136   | 35.472    |
| 15)                         | B Endosulfa...  | 6.756  | 6.001 | 188.9E6  | 255.7E6 | 54.424   | 43.613    |
| 16)                         | A 4,4'-DDD      | 6.676  | 5.857 | 177.5E6  | 263.3E6 | 60.967   | 51.345    |
| 17)                         | MA 4,4'-DDT     | 6.990  | 6.109 | 128.6E6  | 189.3E6 | 42.358   | 33.012    |
| 18)                         | B Endrin al...  | 6.885  | 6.179 | 141.2E6  | 193.6E6 | 63.156   | 43.461 #  |
| 19)                         | B Endosulfa...  | 7.118  | 6.403 | 167.1E6  | 243.7E6 | 54.629   | 43.326    |
| 20)                         | A Methoxychlor  | 7.463  | 6.681 | 64883226 | 102.0E6 | 41.185   | 33.570    |
| 21)                         | B Endrin ke...  | 7.598  | 6.907 | 187.0E6  | 295.1E6 | 56.630   | 47.197    |
| 22)                         | Mirex           | 8.078  | 7.098 | 142.7E6  | 208.6E6 | 51.289   | 41.982    |
| 24)                         | Chlordane-2     | 5.244f | 0.000 | 268.8E6  | 0       | 1372.893 | N.D. #    |
| 25)                         | Chlordane-3     | 5.917  | 5.052 | 243.7E6  | 306.7E6 | 330.739  | 381.248   |
| 26)                         | Chlordane-4     | 5.998  | 5.115 | 239.9E6  | 301.0E6 | 267.403  | 400.556 # |
| 27)                         | Chlordane-5     | 0.000  | 6.001 | 0        | 255.7E6 | N.D.     | 902.249 # |
| -----                       |                 |        |       |          |         |          |           |

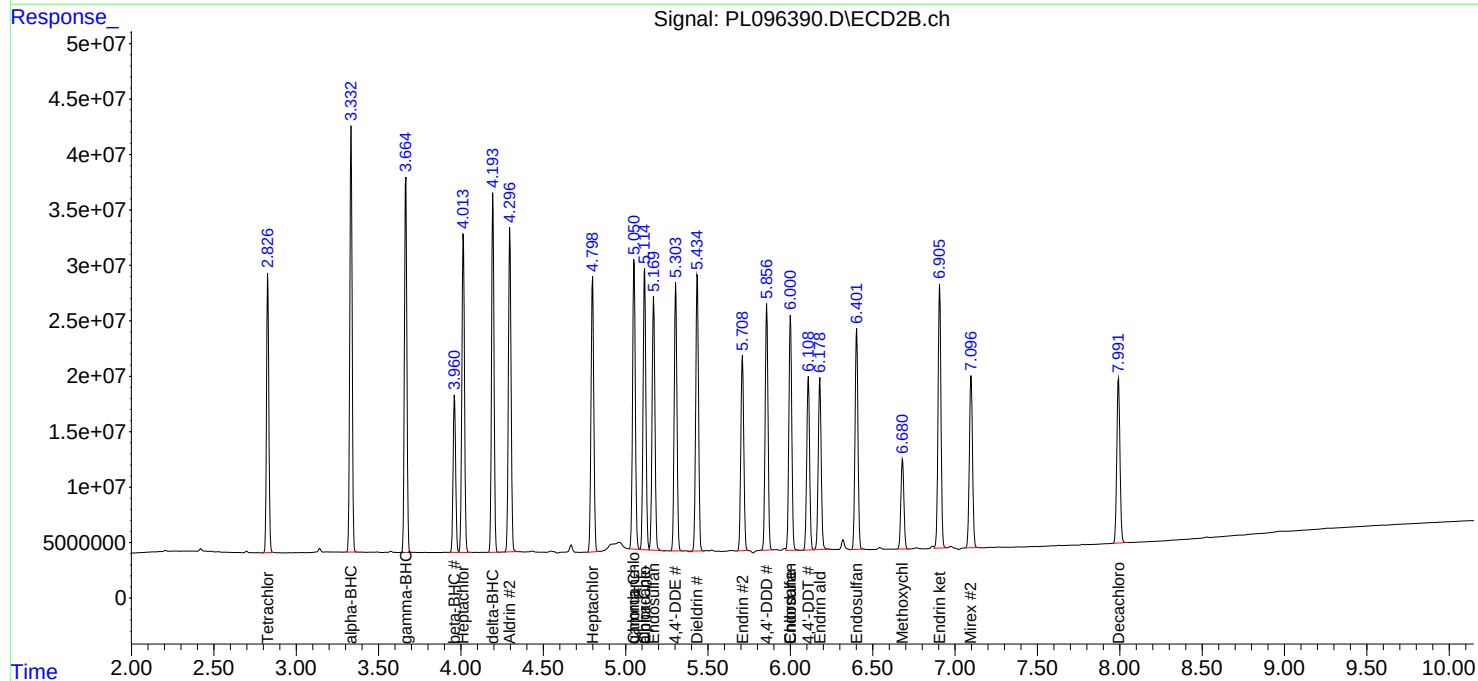
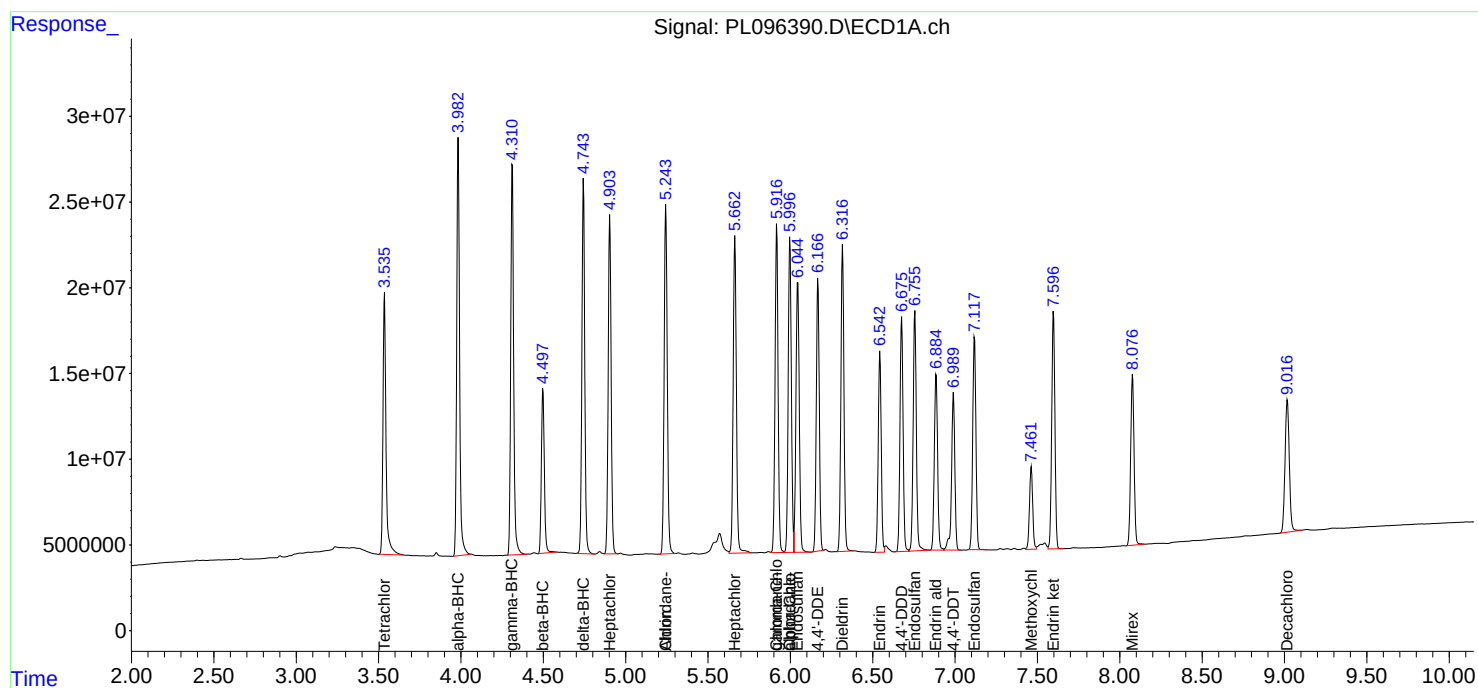
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

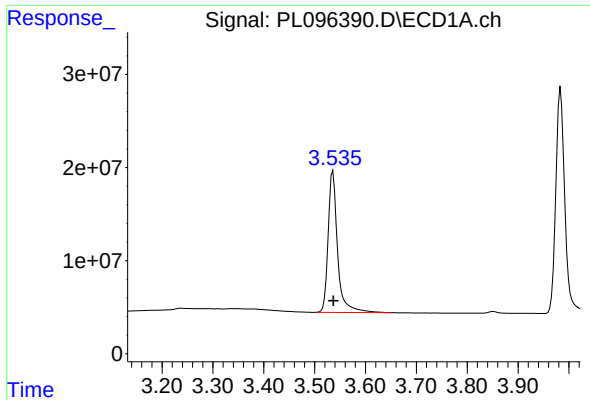
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071525\  
Data File : PL096390.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2025 20:19  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 01:41:25 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070725.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 07 15:22:07 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

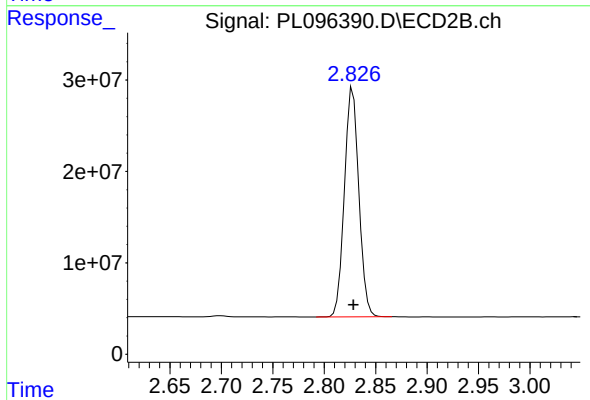




#1 Tetrachloro-m-xylene

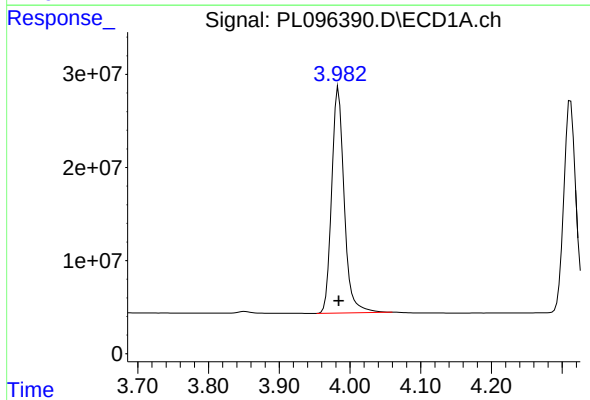
R.T.: 3.536 min  
Delta R.T.: -0.001 min  
Response: 195883887  
Conc: 53.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



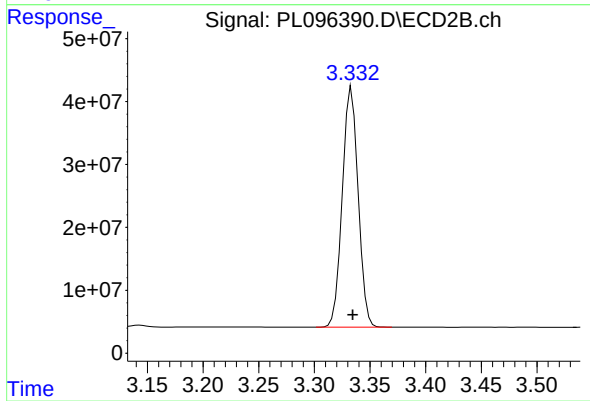
#1 Tetrachloro-m-xylene

R.T.: 2.828 min  
Delta R.T.: 0.000 min  
Response: 244959916  
Conc: 42.45 ng/ml



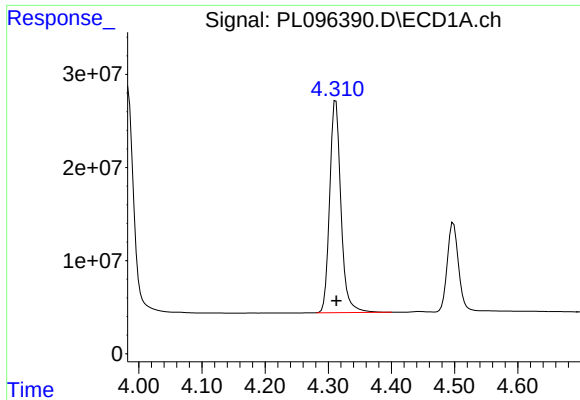
#2 alpha-BHC

R.T.: 3.984 min  
Delta R.T.: 0.000 min  
Response: 297788076  
Conc: 57.90 ng/ml



#2 alpha-BHC

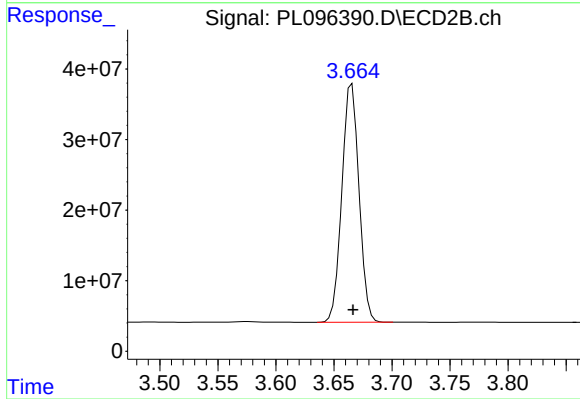
R.T.: 3.334 min  
Delta R.T.: 0.000 min  
Response: 377974256  
Conc: 44.81 ng/ml



#3 gamma-BHC (Lindane)

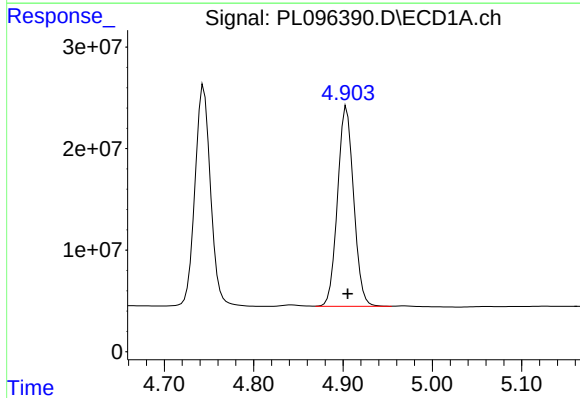
R.T.: 4.312 min  
Delta R.T.: -0.001 min  
Response: 282680627  
Conc: 56.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



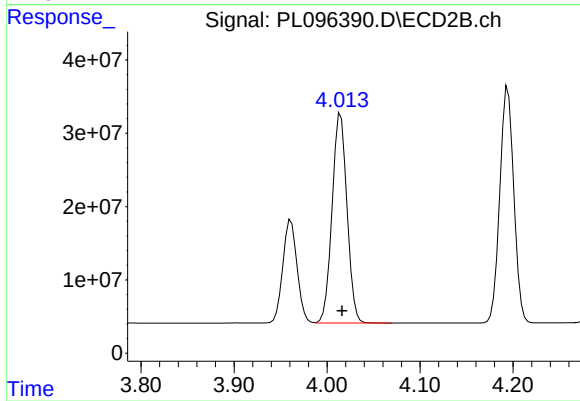
#3 gamma-BHC (Lindane)

R.T.: 3.666 min  
Delta R.T.: -0.001 min  
Response: 346730789  
Conc: 44.02 ng/ml



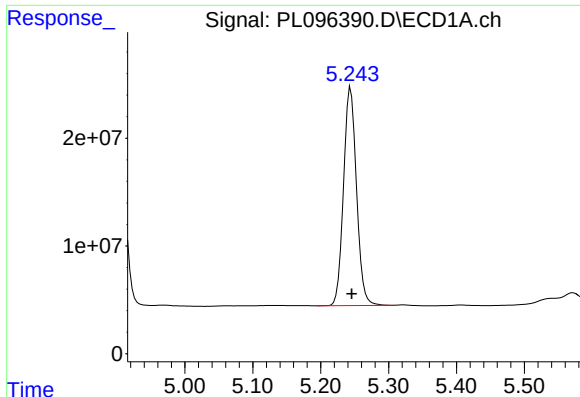
#4 Heptachlor

R.T.: 4.904 min  
Delta R.T.: -0.001 min  
Response: 246037186  
Conc: 53.71 ng/ml



#4 Heptachlor

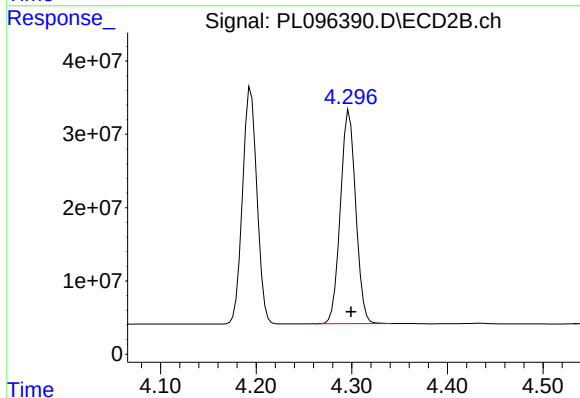
R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 318874372  
Conc: 41.91 ng/ml



#5 Aldrin

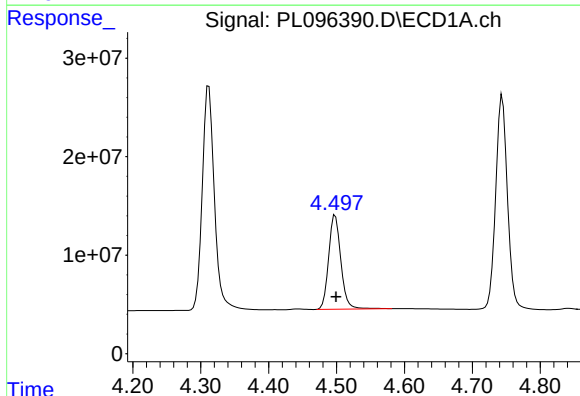
R.T.: 5.244 min  
Delta R.T.: -0.002 min  
Response: 268785136  
Conc: 55.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



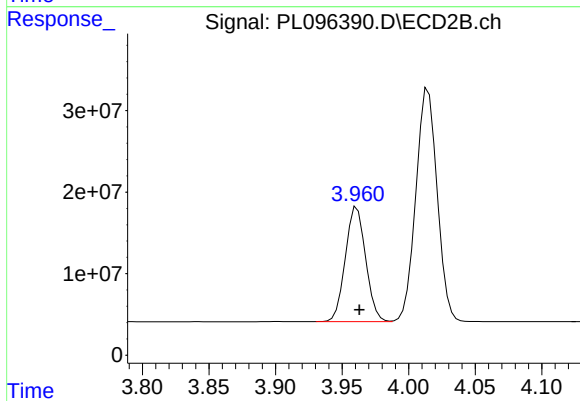
#5 Aldrin

R.T.: 4.297 min  
Delta R.T.: -0.002 min  
Response: 325362981  
Conc: 44.60 ng/ml



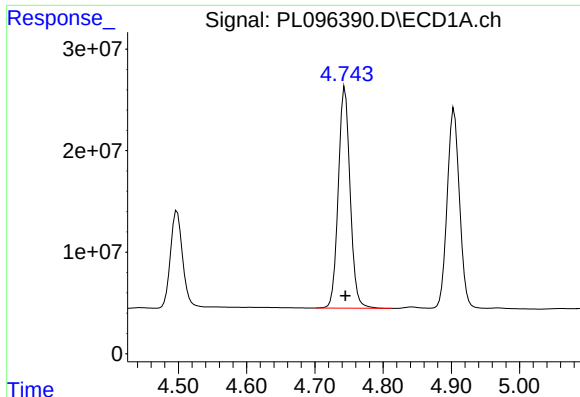
#6 beta-BHC

R.T.: 4.498 min  
Delta R.T.: -0.001 min  
Response: 119206471  
Conc: 57.34 ng/ml



#6 beta-BHC

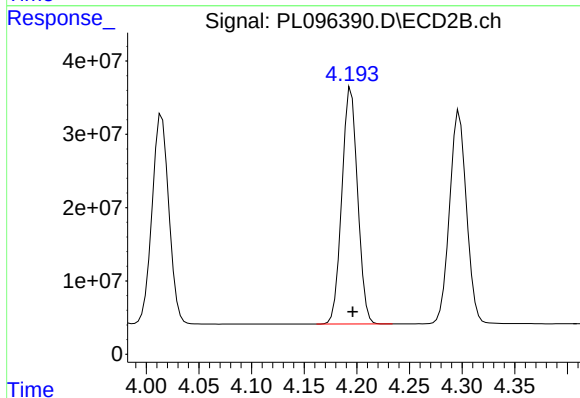
R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 149471090  
Conc: 43.66 ng/ml



#7 delta-BHC

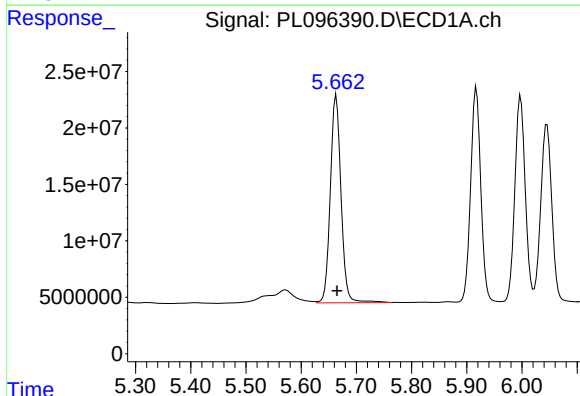
R.T.: 4.744 min  
Delta R.T.: 0.000 min  
Response: 262670823  
Conc: 58.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



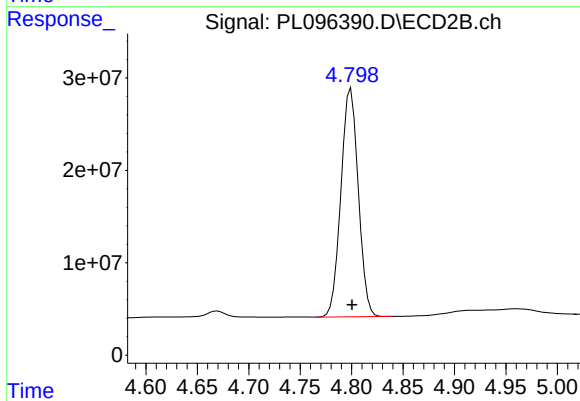
#7 delta-BHC

R.T.: 4.195 min  
Delta R.T.: -0.001 min  
Response: 337330277  
Conc: 43.80 ng/ml



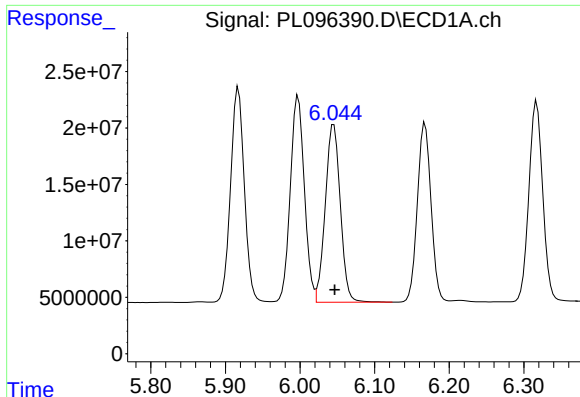
#8 Heptachlor epoxide

R.T.: 5.664 min  
Delta R.T.: -0.002 min  
Response: 247950808  
Conc: 59.76 ng/ml



#8 Heptachlor epoxide

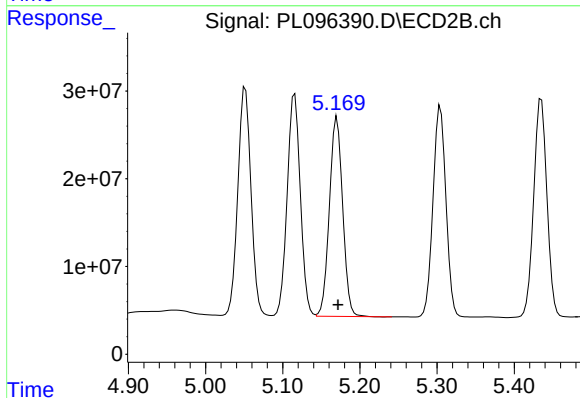
R.T.: 4.799 min  
Delta R.T.: -0.001 min  
Response: 290493698  
Conc: 43.46 ng/ml



#9 Endosulfan I

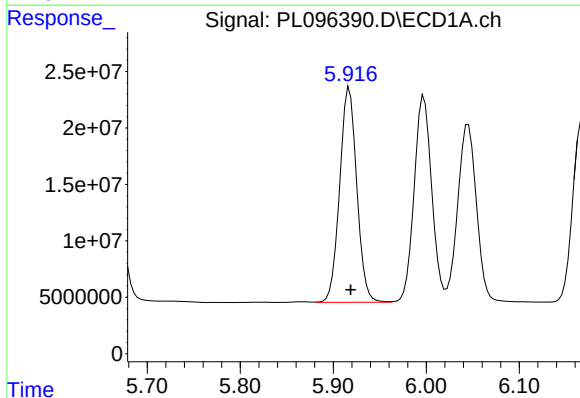
R.T.: 6.045 min  
Delta R.T.: -0.002 min  
Response: 220753157  
Conc: 54.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



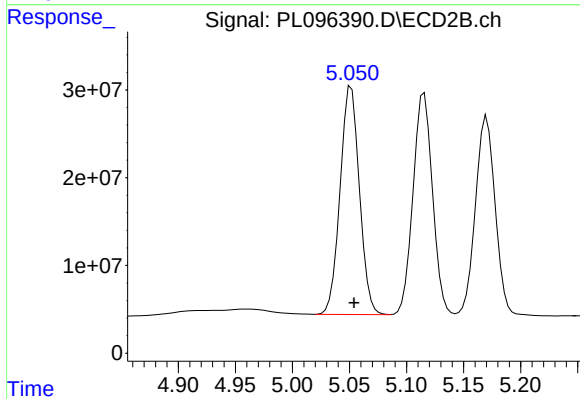
#9 Endosulfan I

R.T.: 5.170 min  
Delta R.T.: -0.001 min  
Response: 272427865  
Conc: 37.97 ng/ml



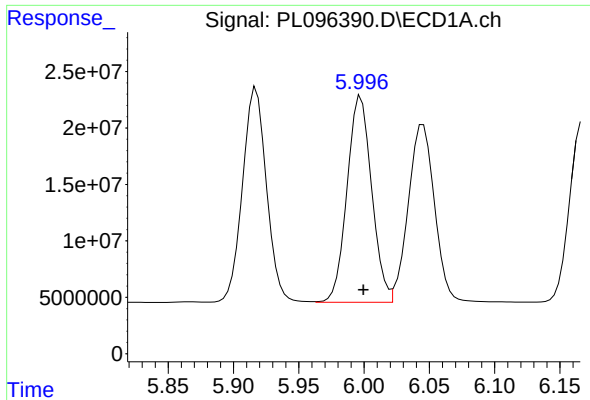
#10 gamma-Chlordane

R.T.: 5.917 min  
Delta R.T.: -0.001 min  
Response: 243672962  
Conc: 55.07 ng/ml



#10 gamma-Chlordane

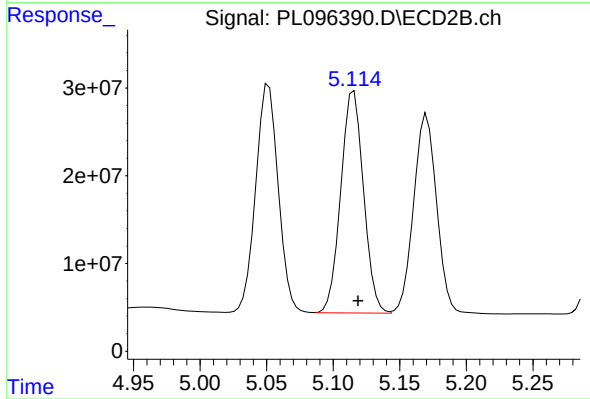
R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 306728152  
Conc: 43.70 ng/ml



#11 alpha-Chlordane

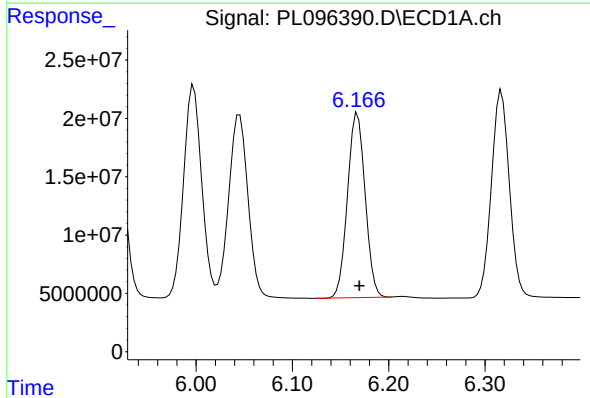
R.T.: 5.998 min  
Delta R.T.: -0.002 min  
Response: 239920861  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



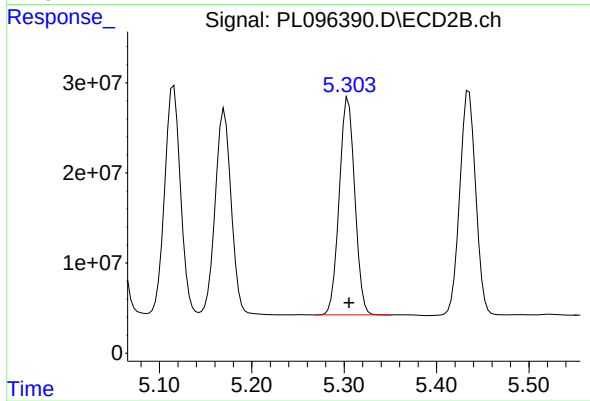
#11 alpha-Chlordane

R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 300988458  
Conc: 40.02 ng/ml



#12 4,4'-DDE

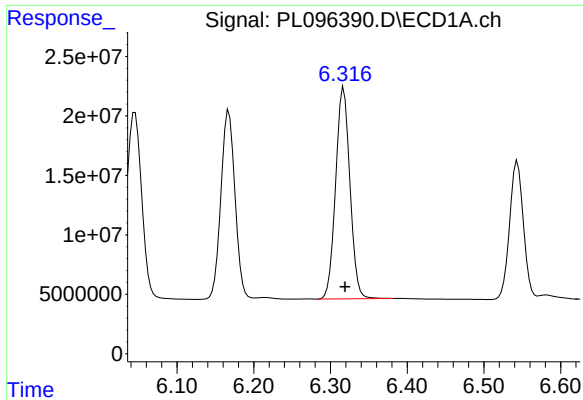
R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 200563263  
Conc: 54.10 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min  
Delta R.T.: -0.001 min  
Response: 281904832  
Conc: 43.61 ng/ml

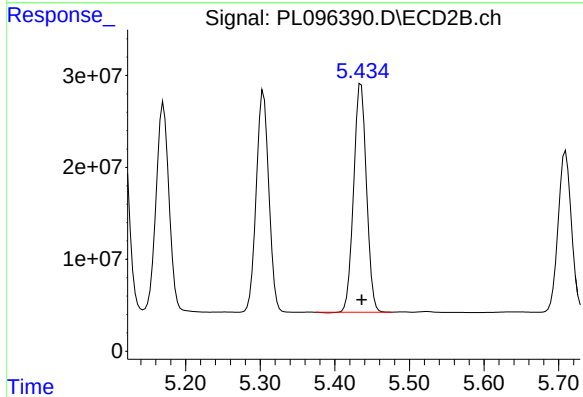




#13 Dieldrin

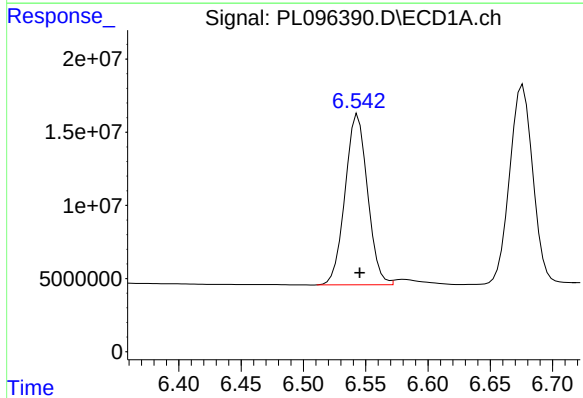
R.T.: 6.317 min  
Delta R.T.: -0.002 min  
Response: 230232255  
Conc: 54.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



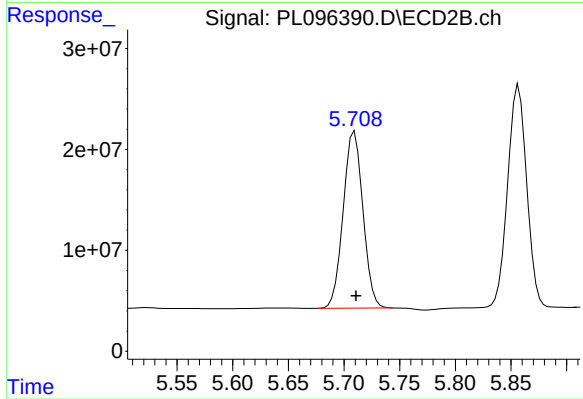
#13 Dieldrin

R.T.: 5.435 min  
Delta R.T.: -0.001 min  
Response: 297382379  
Conc: 43.61 ng/ml



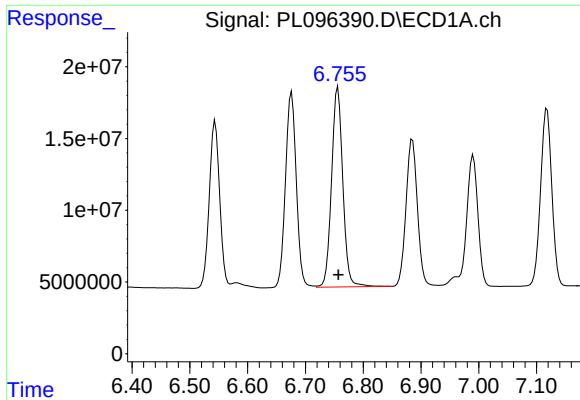
#14 Endrin

R.T.: 6.544 min  
Delta R.T.: -0.002 min  
Response: 146603704  
Conc: 47.14 ng/ml



#14 Endrin

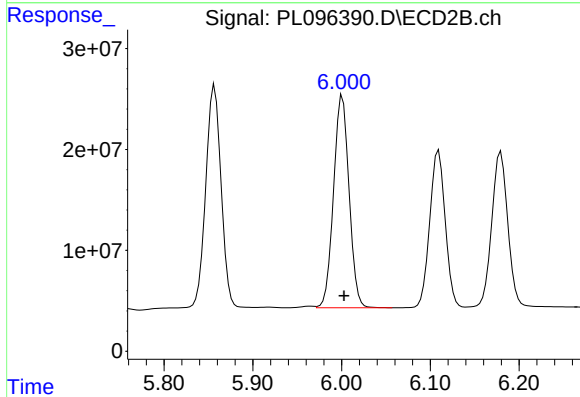
R.T.: 5.709 min  
Delta R.T.: -0.001 min  
Response: 216252661  
Conc: 35.47 ng/ml



#15 Endosulfan II

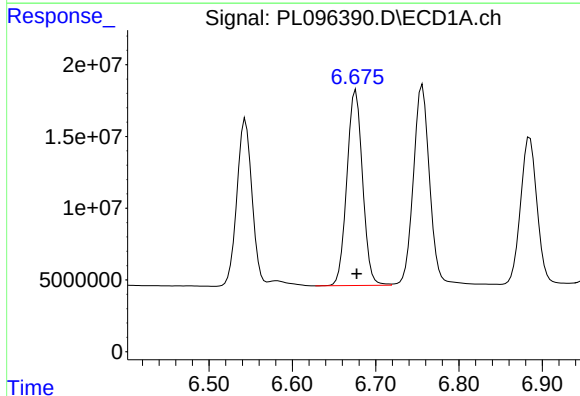
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 188853747  
Conc: 54.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



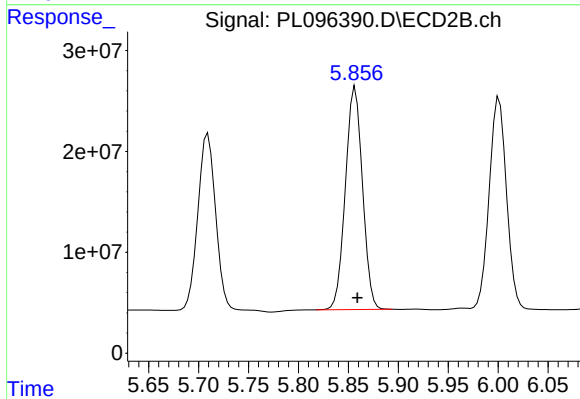
#15 Endosulfan II

R.T.: 6.001 min  
Delta R.T.: -0.002 min  
Response: 255742926  
Conc: 43.61 ng/ml



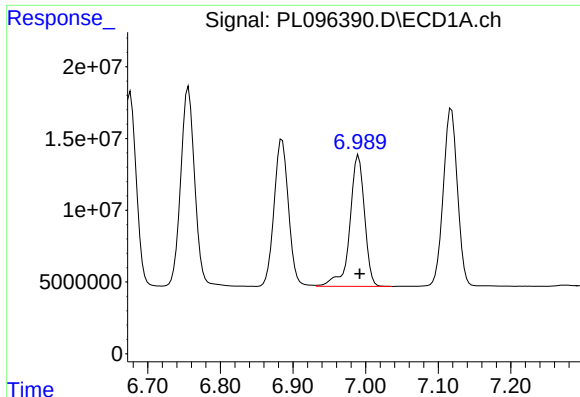
#16 4,4'-DDD

R.T.: 6.676 min  
Delta R.T.: 0.000 min  
Response: 177518231  
Conc: 60.97 ng/ml



#16 4,4'-DDD

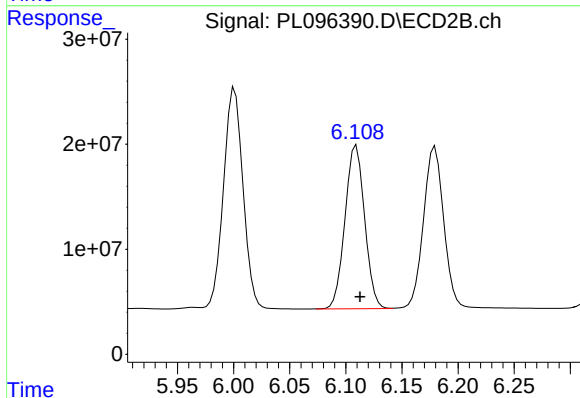
R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 263334426  
Conc: 51.35 ng/ml



#17 4,4'-DDT

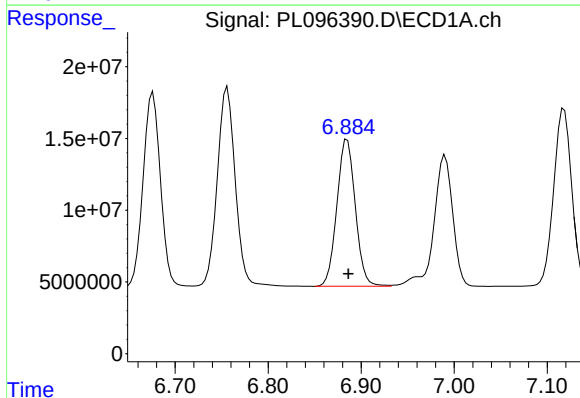
R.T.: 6.990 min  
Delta R.T.: -0.002 min  
Response: 128565650  
Conc: 42.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



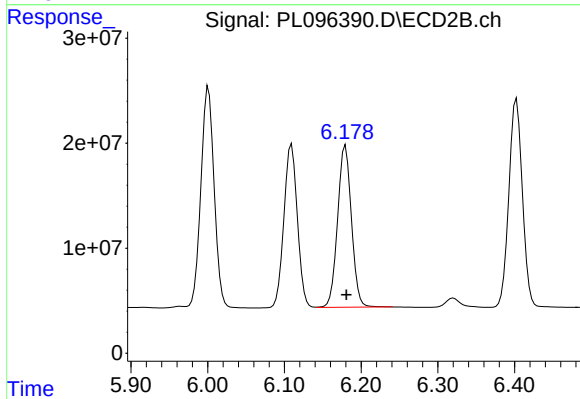
#17 4,4'-DDT

R.T.: 6.109 min  
Delta R.T.: -0.003 min  
Response: 189327904  
Conc: 33.01 ng/ml



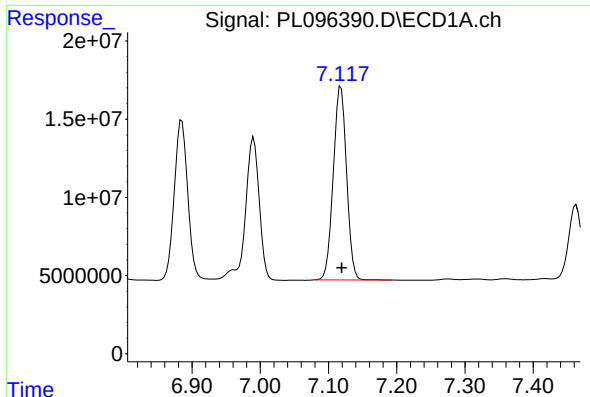
#18 Endrin aldehyde

R.T.: 6.885 min  
Delta R.T.: -0.001 min  
Response: 141189051  
Conc: 63.16 ng/ml



#18 Endrin aldehyde

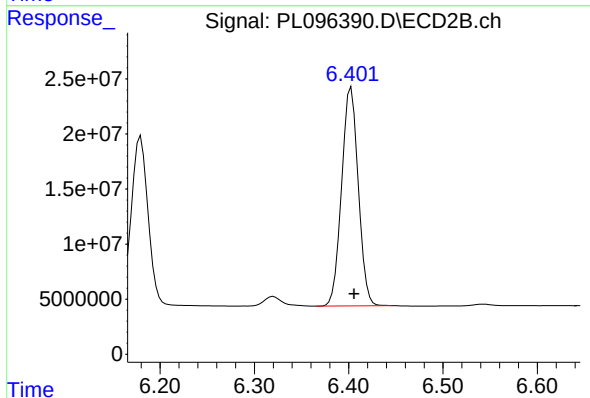
R.T.: 6.179 min  
Delta R.T.: -0.001 min  
Response: 193600349  
Conc: 43.46 ng/ml



#19 Endosulfan Sulfate

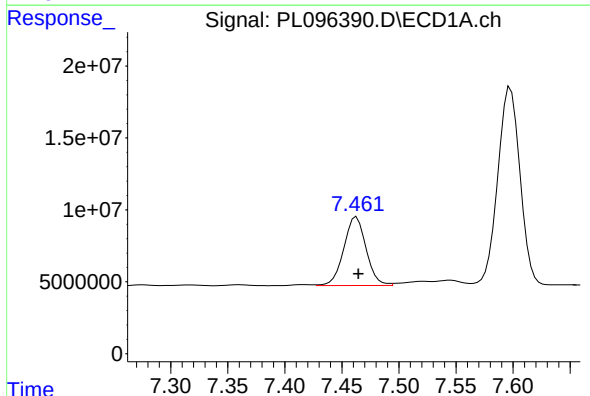
R.T.: 7.118 min  
Delta R.T.: -0.001 min  
Response: 167100301  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



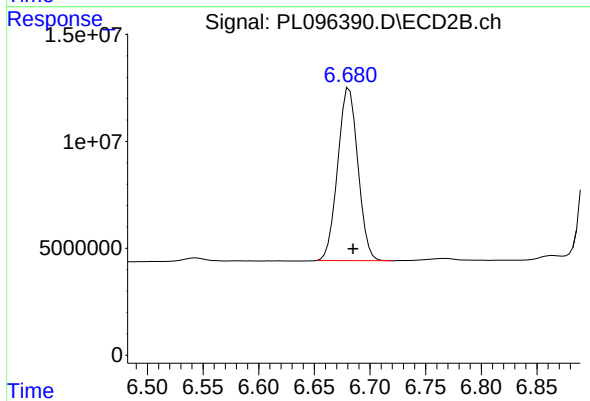
#19 Endosulfan Sulfate

R.T.: 6.403 min  
Delta R.T.: -0.003 min  
Response: 243681603  
Conc: 43.33 ng/ml



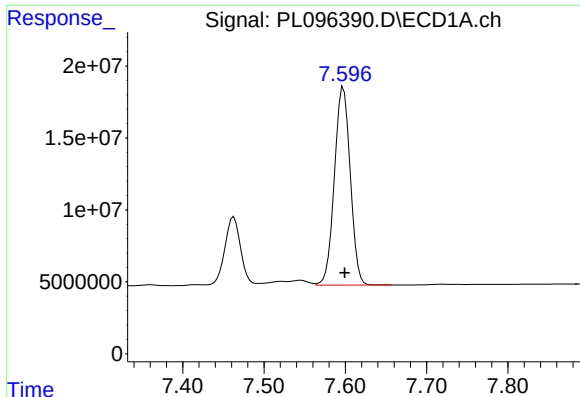
#20 Methoxychlor

R.T.: 7.463 min  
Delta R.T.: -0.002 min  
Response: 64883226  
Conc: 41.19 ng/ml



#20 Methoxychlor

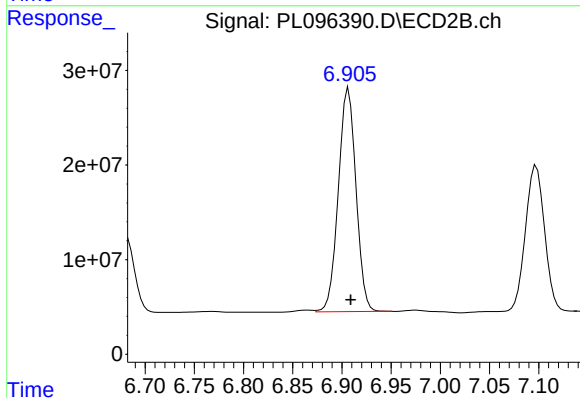
R.T.: 6.681 min  
Delta R.T.: -0.003 min  
Response: 101977692  
Conc: 33.57 ng/ml



#21 Endrin ketone

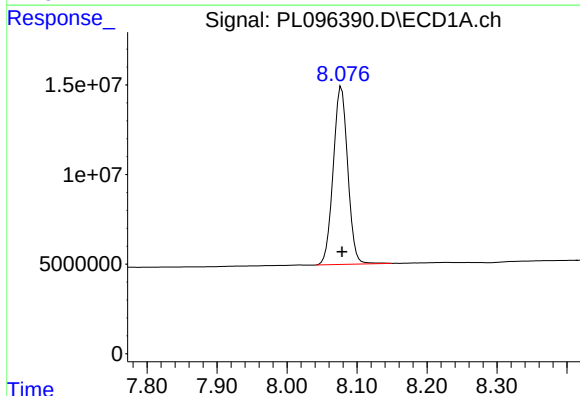
R.T.: 7.598 min  
Delta R.T.: -0.002 min  
Response: 186970254  
Conc: 56.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



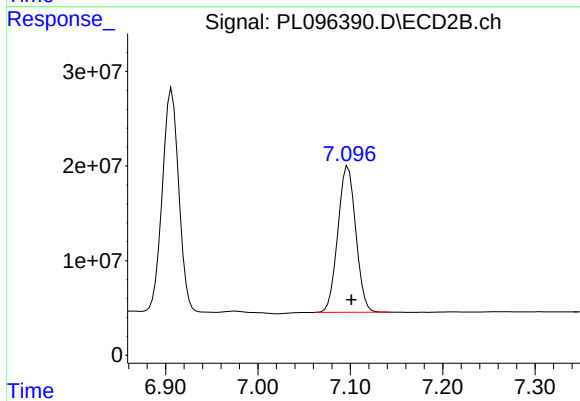
#21 Endrin ketone

R.T.: 6.907 min  
Delta R.T.: -0.002 min  
Response: 295085712  
Conc: 47.20 ng/ml



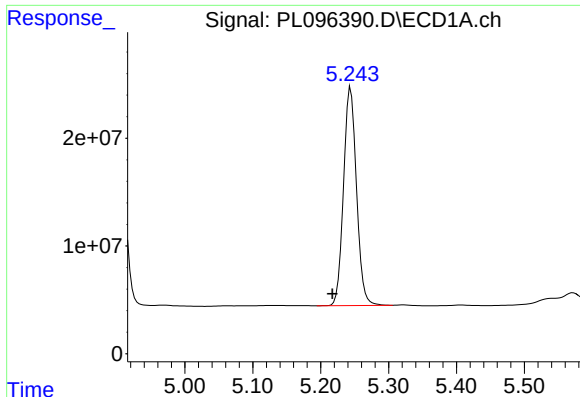
#22 Mirex

R.T.: 8.078 min  
Delta R.T.: 0.000 min  
Response: 142696911  
Conc: 51.29 ng/ml



#22 Mirex

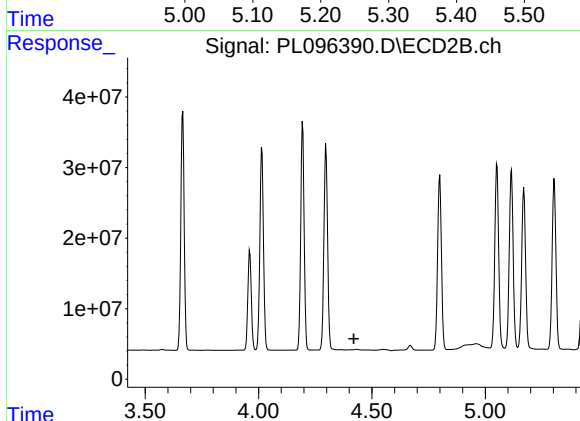
R.T.: 7.098 min  
Delta R.T.: -0.004 min  
Response: 208575366  
Conc: 41.98 ng/ml



#24 Chlordane-2

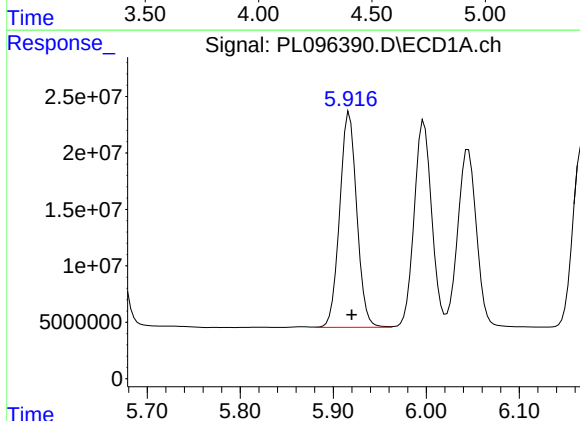
R.T.: 5.244 min  
Delta R.T.: 0.027 min  
Response: 268785136  
Conc: 1372.89 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



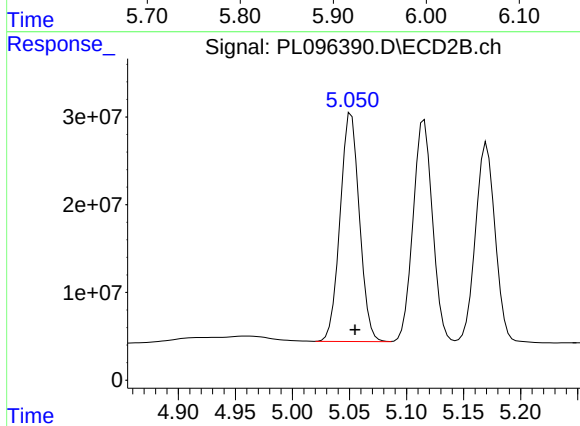
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.420 min  
Response: 0  
Conc: N.D.



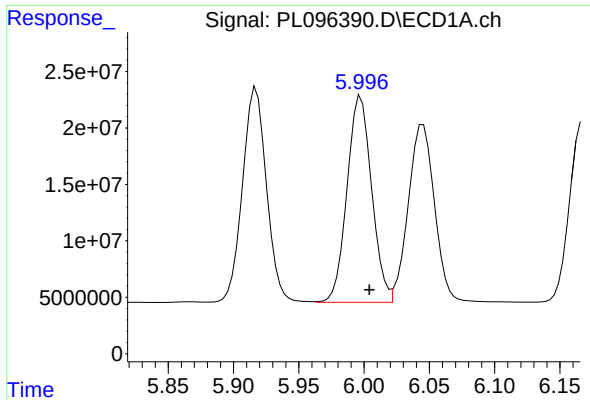
#25 Chlordane-3

R.T.: 5.917 min  
Delta R.T.: -0.002 min  
Response: 243672962  
Conc: 330.74 ng/ml



#25 Chlordane-3

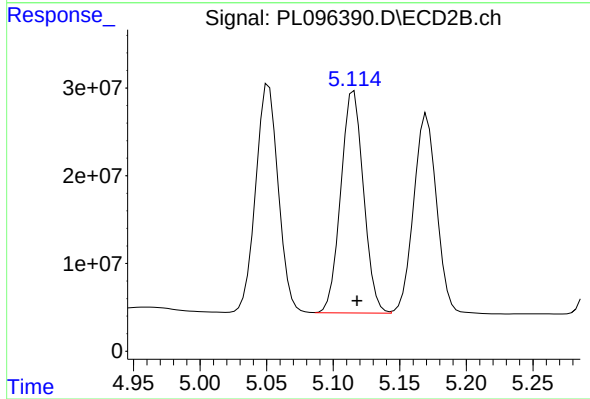
R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 306728152  
Conc: 381.25 ng/ml



#26 Chlordane-4

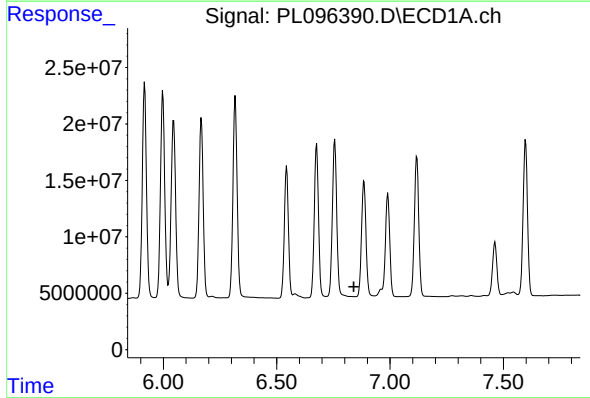
R.T.: 5.998 min  
Delta R.T.: -0.007 min  
Response: 239920861  
Conc: 267.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



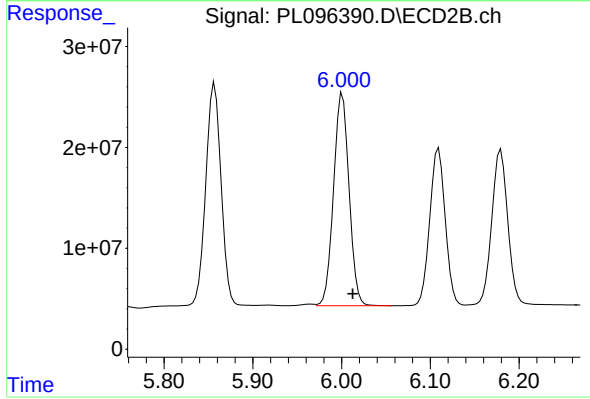
#26 Chlordane-4

R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 300988458  
Conc: 400.56 ng/ml



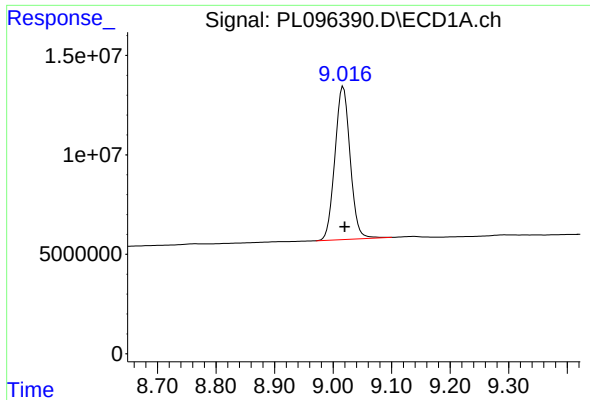
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.841 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

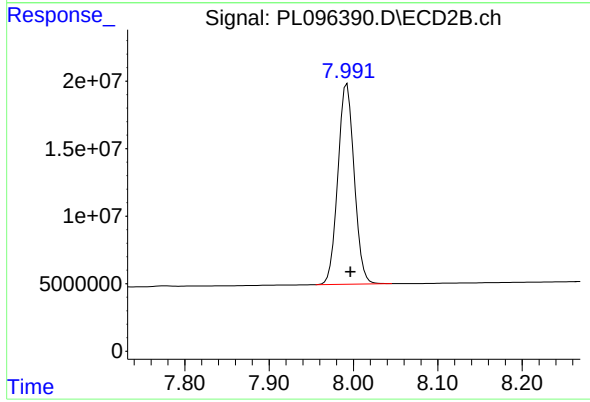
R.T.: 6.001 min  
Delta R.T.: -0.011 min  
Response: 255742926  
Conc: 902.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.017 min  
Delta R.T.: -0.003 min  
Response: 139412516  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.004 min  
Response: 199898824  
Conc: 40.09 ng/ml