

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071025\  
 Data File : PL096325.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2025 20:03  
 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 11 02:38:04 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... | 3.537  | 2.829 | 190.5E6  | 265.1E6 | 52.196   | 45.926    |
| 28)                         | SA Decachlor... | 9.020  | 7.995 | 144.1E6  | 229.9E6 | 51.218   | 46.098    |
| Target Compounds            |                 |        |       |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.985  | 3.335 | 276.1E6  | 393.4E6 | 53.683   | 46.642    |
| 3)                          | MA gamma-BHC... | 4.314  | 3.667 | 266.7E6  | 365.0E6 | 53.549   | 46.348    |
| 4)                          | MA Heptachlor   | 4.906  | 4.016 | 246.7E6  | 346.8E6 | 53.850   | 45.585    |
| 5)                          | MB Aldrin       | 5.246  | 4.299 | 254.4E6  | 339.1E6 | 52.628   | 46.478    |
| 6)                          | B beta-BHC      | 4.500  | 3.963 | 110.9E6  | 157.0E6 | 53.348   | 45.840    |
| 7)                          | B delta-BHC     | 4.746  | 4.196 | 243.3E6  | 355.7E6 | 54.297   | 46.185    |
| 8)                          | B Heptachlo...  | 5.665  | 4.801 | 248.0E6  | 304.4E6 | 59.778   | 45.535    |
| 9)                          | A Endosulfan I  | 6.047  | 5.172 | 212.3E6  | 283.9E6 | 52.588   | 39.568    |
| 10)                         | B gamma-Chl...  | 5.919  | 5.053 | 236.3E6  | 321.3E6 | 53.406   | 45.778    |
| 11)                         | B alpha-Chl...  | 6.000  | 5.117 | 230.8E6  | 316.0E6 | 52.701   | 42.026    |
| 12)                         | B 4,4'-DDE      | 6.169  | 5.306 | 192.6E6  | 296.7E6 | 51.942   | 45.901    |
| 13)                         | MA Dieldrin     | 6.319  | 5.437 | 221.8E6  | 312.2E6 | 52.447   | 45.785    |
| 14)                         | MA Endrin       | 6.546  | 5.711 | 164.1E6  | 262.9E6 | 52.751   | 43.127    |
| 15)                         | B Endosulfa...  | 6.757  | 6.003 | 194.4E6  | 268.6E6 | 56.028   | 45.812    |
| 16)                         | A 4,4'-DDD      | 6.677  | 5.859 | 167.5E6  | 259.2E6 | 57.539   | 50.530    |
| 17)                         | MA 4,4'-DDT     | 6.991  | 6.111 | 152.9E6  | 236.8E6 | 50.372   | 41.289    |
| 18)                         | B Endrin al...  | 6.886  | 6.181 | 135.2E6  | 201.3E6 | 60.468   | 45.191 #  |
| 19)                         | B Endosulfa...  | 7.120  | 6.405 | 163.9E6  | 258.5E6 | 53.590   | 45.960    |
| 20)                         | A Methoxychlor  | 7.464  | 6.684 | 77177043 | 126.6E6 | 48.989   | 41.674    |
| 21)                         | B Endrin ke...  | 7.599  | 6.909 | 179.4E6  | 306.6E6 | 54.341   | 49.042    |
| 22)                         | Mirex           | 8.079  | 7.100 | 142.2E6  | 226.4E6 | 51.118   | 45.571    |
| 24)                         | Chlordane-2     | 5.246f | 0.000 | 254.4E6  | 0       | 1299.367 | N.D. #    |
| 25)                         | Chlordane-3     | 5.919  | 5.053 | 236.3E6  | 321.3E6 | 320.743  | 399.417   |
| 26)                         | Chlordane-4     | 6.000  | 5.117 | 230.8E6  | 316.0E6 | 257.202  | 420.591 # |
| 27)                         | Chlordane-5     | 0.000  | 6.003 | 0        | 268.6E6 | N.D.     | 947.737 # |
| -----                       |                 |        |       |          |         |          |           |

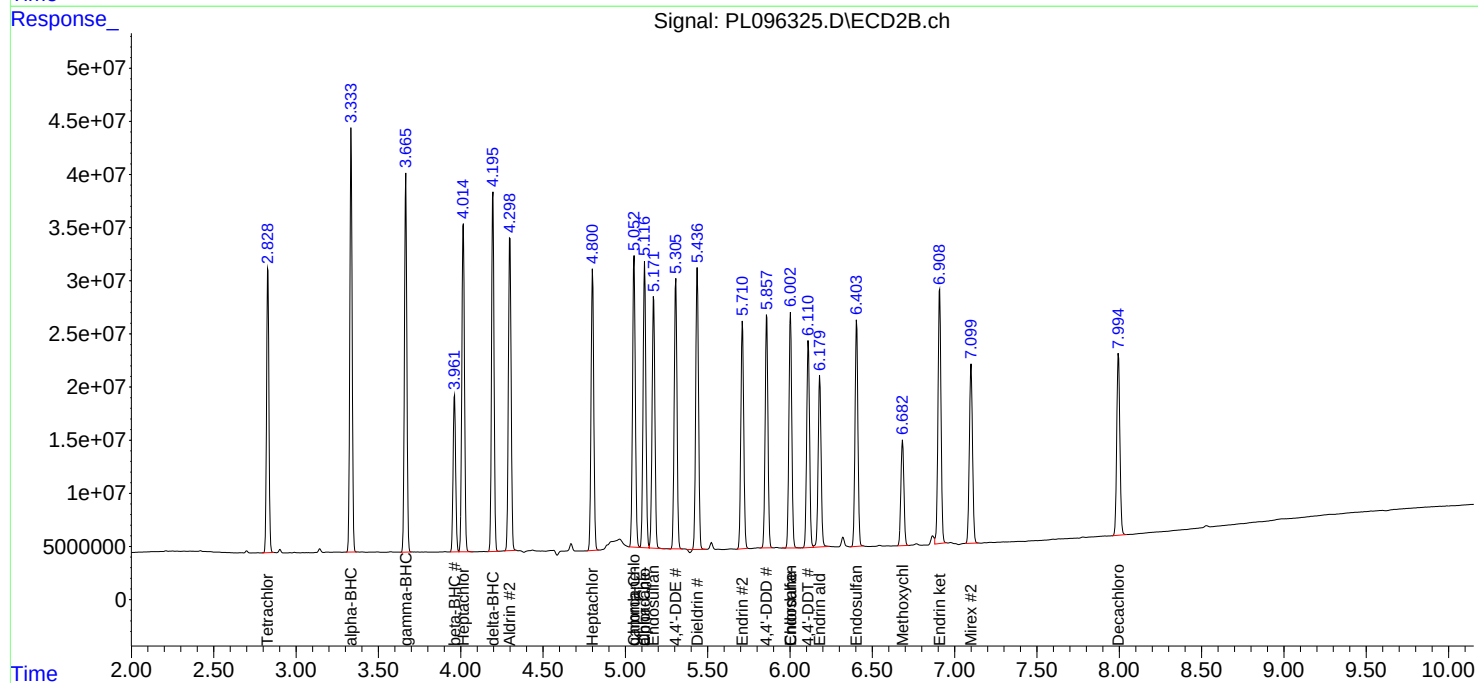
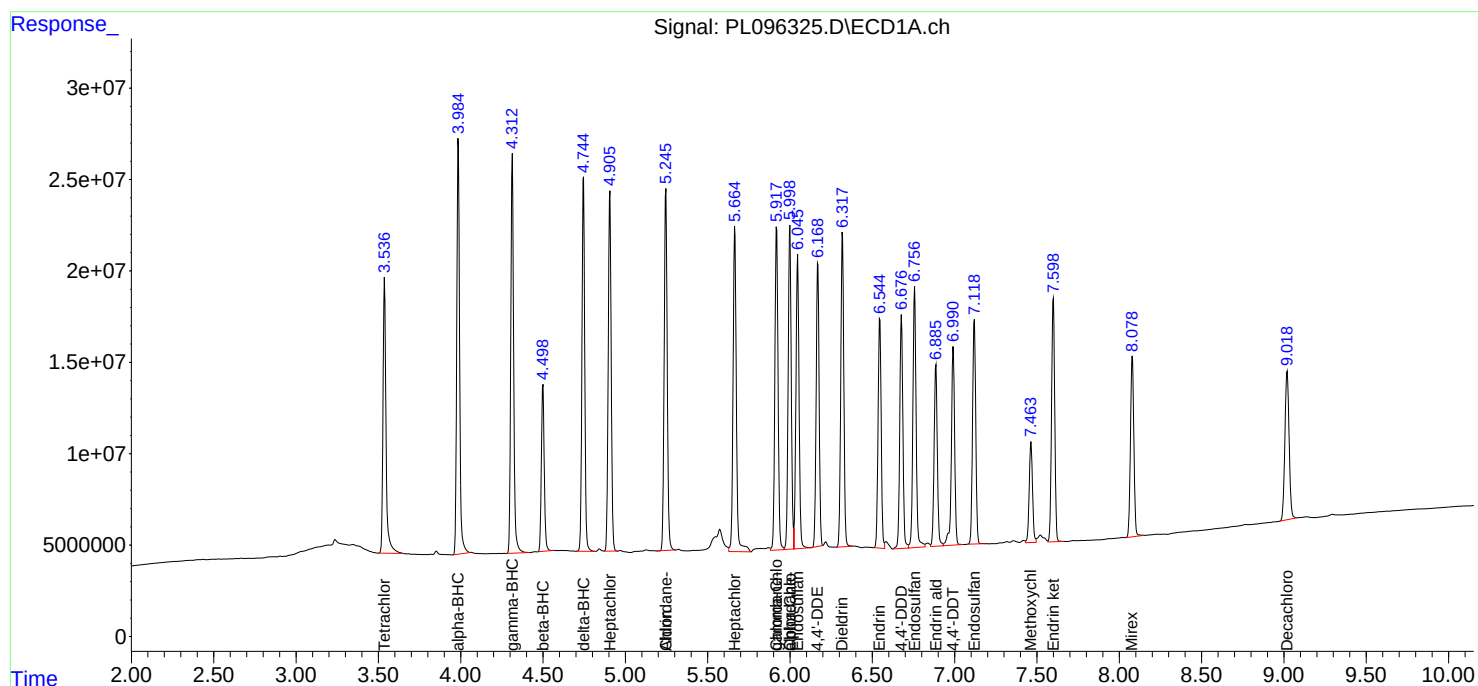
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

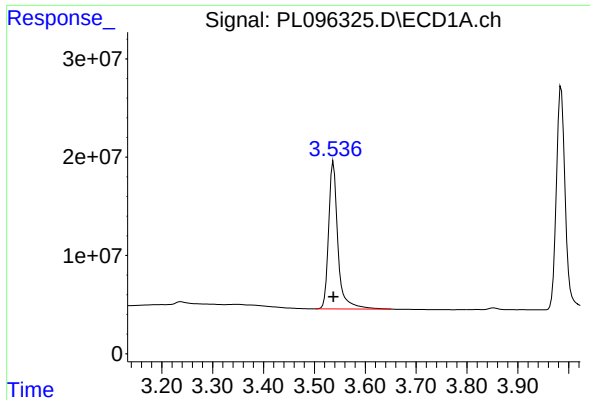
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071025\  
Data File : PL096325.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 20:03  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 02:38:04 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

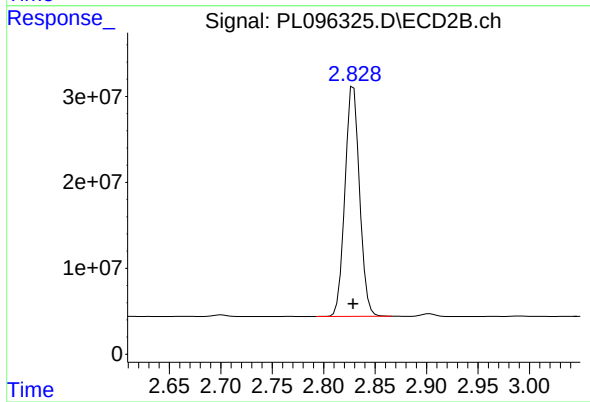




#1 Tetrachloro-m-xylene

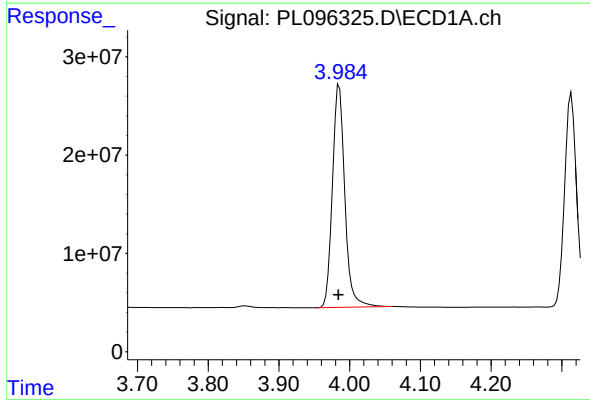
R.T.: 3.537 min  
Delta R.T.: 0.000 min  
Response: 190462929  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



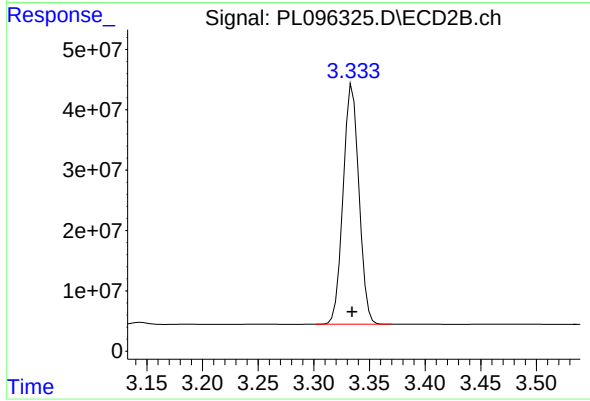
#1 Tetrachloro-m-xylene

R.T.: 2.829 min  
Delta R.T.: 0.000 min  
Response: 265051237  
Conc: 45.93 ng/ml



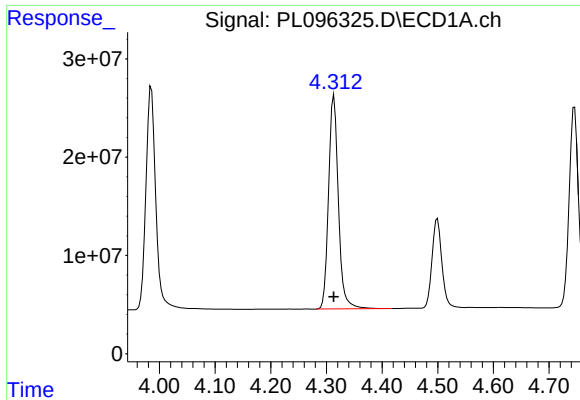
#2 alpha-BHC

R.T.: 3.985 min  
Delta R.T.: 0.001 min  
Response: 276100593  
Conc: 53.68 ng/ml



#2 alpha-BHC

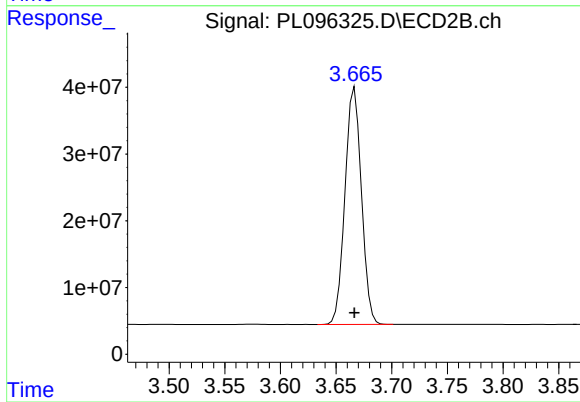
R.T.: 3.335 min  
Delta R.T.: 0.000 min  
Response: 393397867  
Conc: 46.64 ng/ml



#3 gamma-BHC (Lindane)

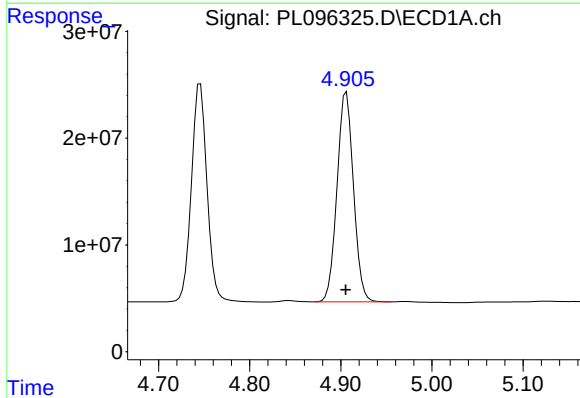
R.T.: 4.314 min  
Delta R.T.: 0.000 min  
Response: 266652991  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



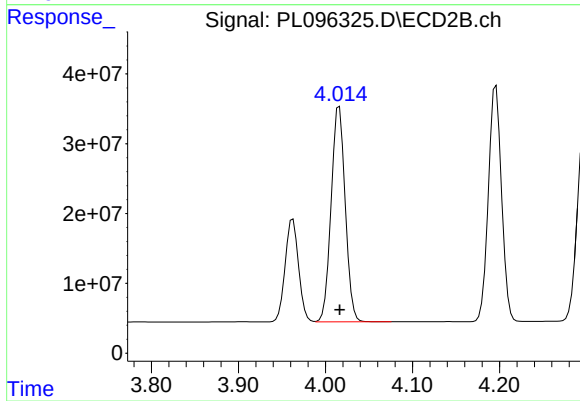
#3 gamma-BHC (Lindane)

R.T.: 3.667 min  
Delta R.T.: 0.000 min  
Response: 365034387  
Conc: 46.35 ng/ml



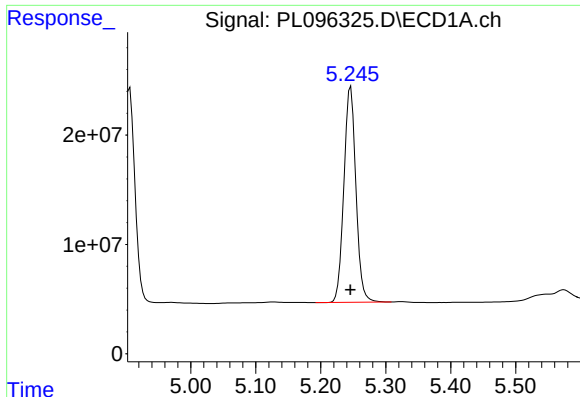
#4 Heptachlor

R.T.: 4.906 min  
Delta R.T.: 0.000 min  
Response: 246697355  
Conc: 53.85 ng/ml



#4 Heptachlor

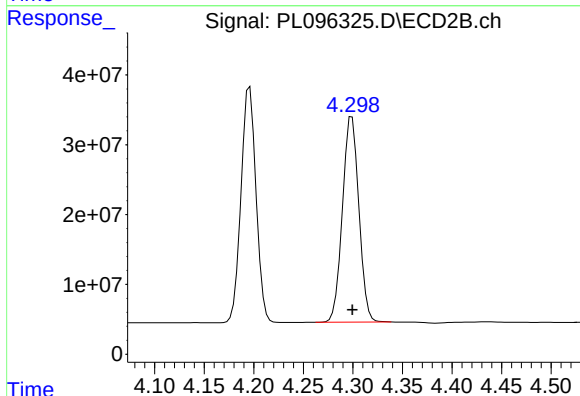
R.T.: 4.016 min  
Delta R.T.: 0.000 min  
Response: 346800585  
Conc: 45.59 ng/ml



#5 Aldrin

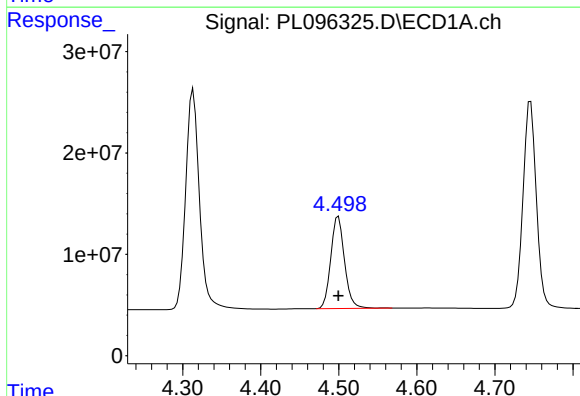
R.T.: 5.246 min  
Delta R.T.: 0.000 min  
Response: 254390223  
Conc: 52.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



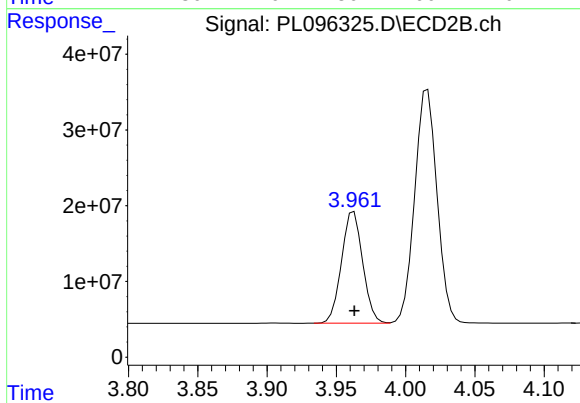
#5 Aldrin

R.T.: 4.299 min  
Delta R.T.: 0.000 min  
Response: 339083428  
Conc: 46.48 ng/ml



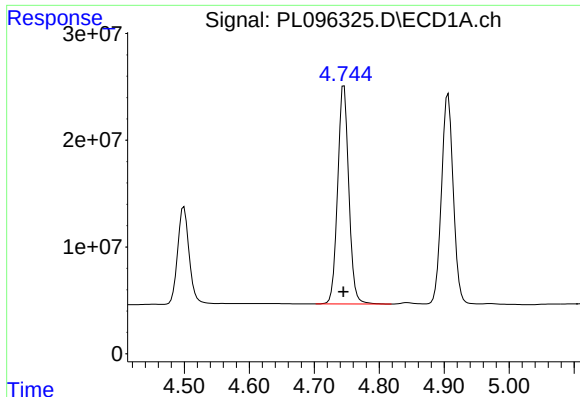
#6 beta-BHC

R.T.: 4.500 min  
Delta R.T.: 0.000 min  
Response: 110899269  
Conc: 53.35 ng/ml



#6 beta-BHC

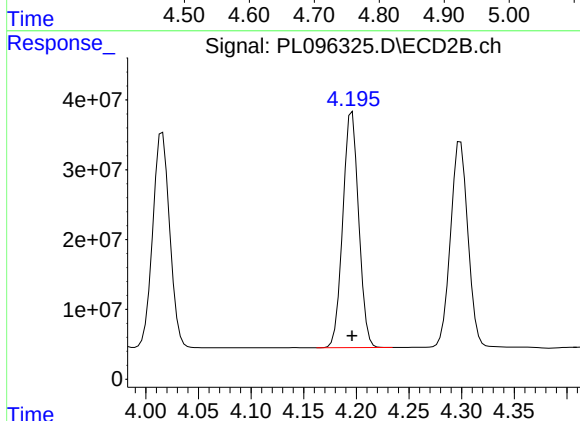
R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 156952060  
Conc: 45.84 ng/ml



#7 delta-BHC

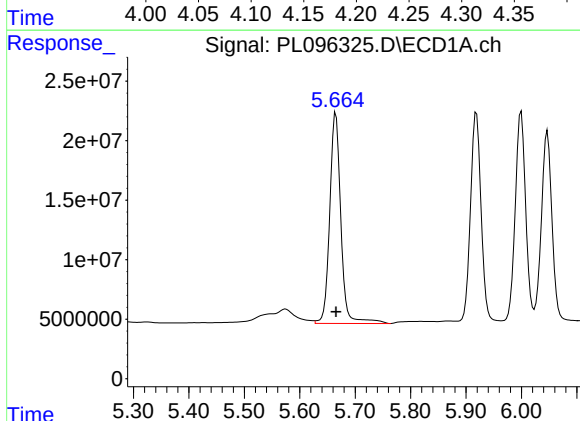
R.T.: 4.746 min  
Delta R.T.: 0.001 min  
Response: 243323363  
Conc: 54.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



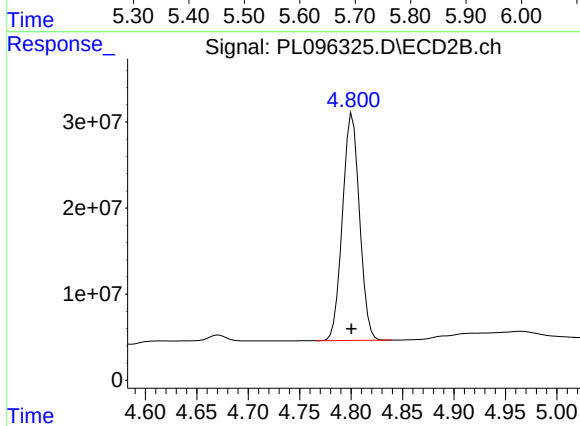
#7 delta-BHC

R.T.: 4.196 min  
Delta R.T.: 0.000 min  
Response: 355711819  
Conc: 46.18 ng/ml



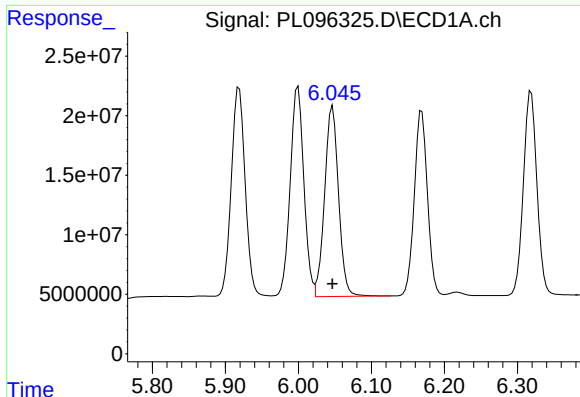
#8 Heptachlor epoxide

R.T.: 5.665 min  
Delta R.T.: 0.000 min  
Response: 248027003  
Conc: 59.78 ng/ml



#8 Heptachlor epoxide

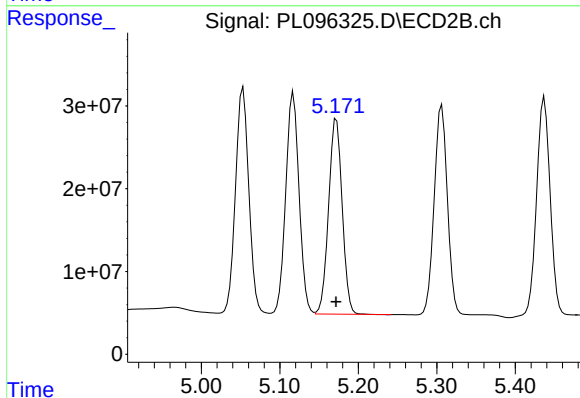
R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 304394173  
Conc: 45.53 ng/ml



#9 Endosulfan I

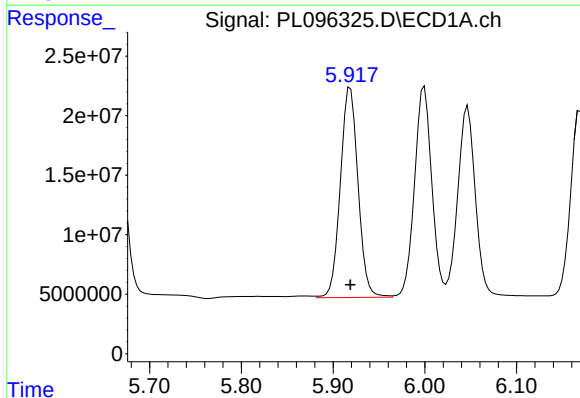
R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 212312820  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



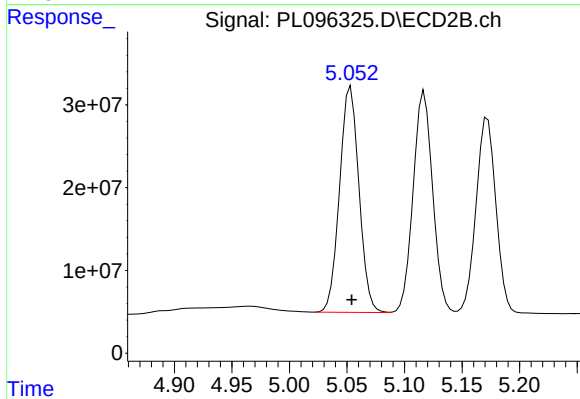
#9 Endosulfan I

R.T.: 5.172 min  
Delta R.T.: 0.000 min  
Response: 283863257  
Conc: 39.57 ng/ml



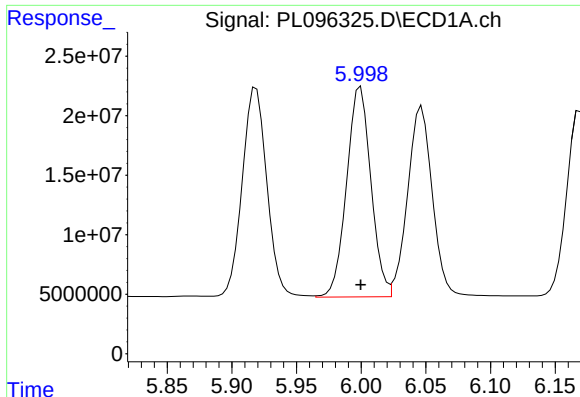
#10 gamma-Chlordane

R.T.: 5.919 min  
Delta R.T.: 0.000 min  
Response: 236308851  
Conc: 53.41 ng/ml



#10 gamma-Chlordane

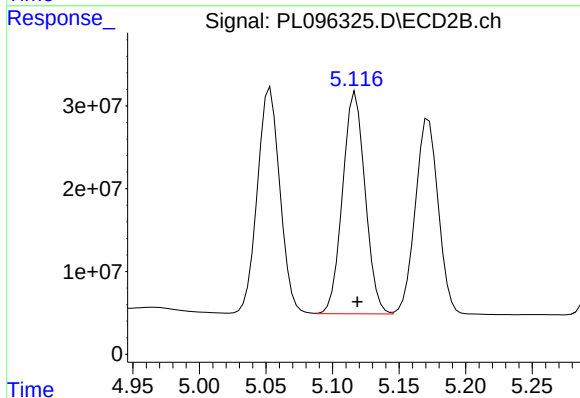
R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 321346042  
Conc: 45.78 ng/ml



#11 alpha-Chlordane

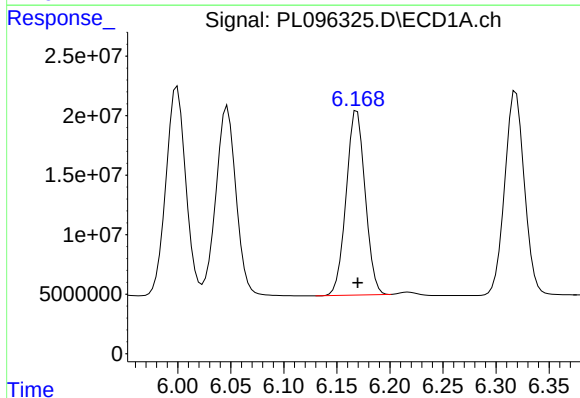
R.T.: 6.000 min  
Delta R.T.: 0.000 min  
Response: 230768119  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



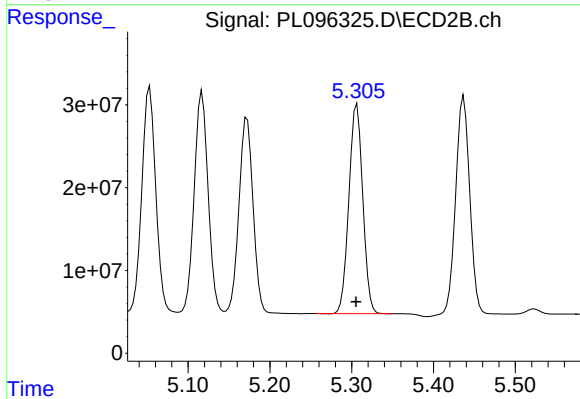
#11 alpha-Chlordane

R.T.: 5.117 min  
Delta R.T.: -0.001 min  
Response: 316043200  
Conc: 42.03 ng/ml



#12 4,4'-DDE

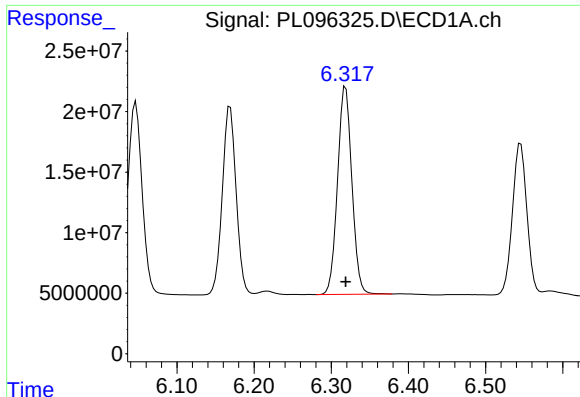
R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 192573780  
Conc: 51.94 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min  
Delta R.T.: 0.000 min  
Response: 296690967  
Conc: 45.90 ng/ml

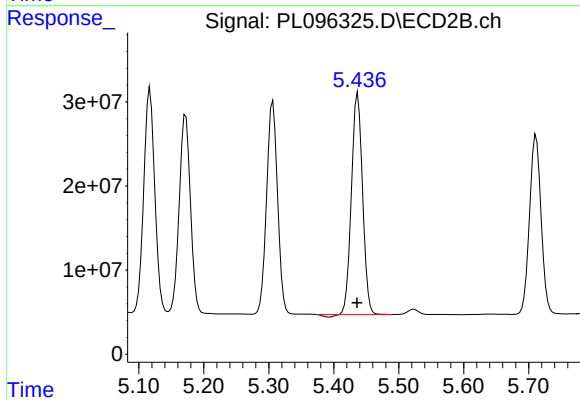




#13 Dieldrin

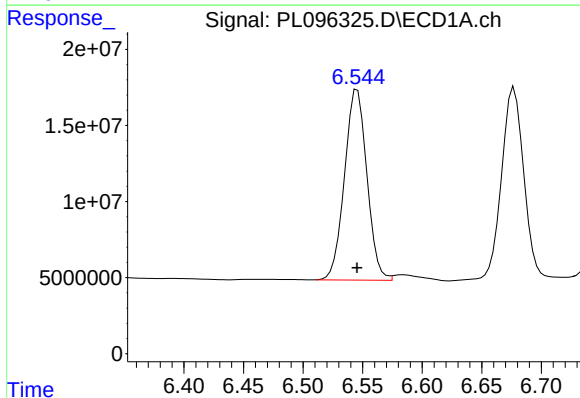
R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 221765158  
Conc: 52.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



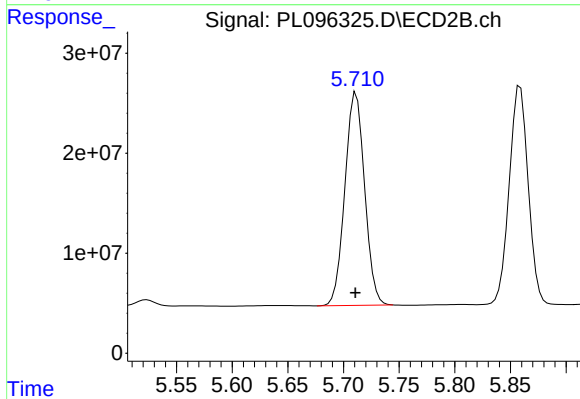
#13 Dieldrin

R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 312218232  
Conc: 45.78 ng/ml



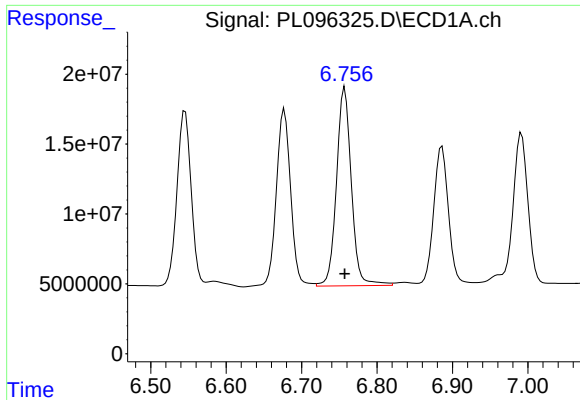
#14 Endrin

R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 164065782  
Conc: 52.75 ng/ml



#14 Endrin

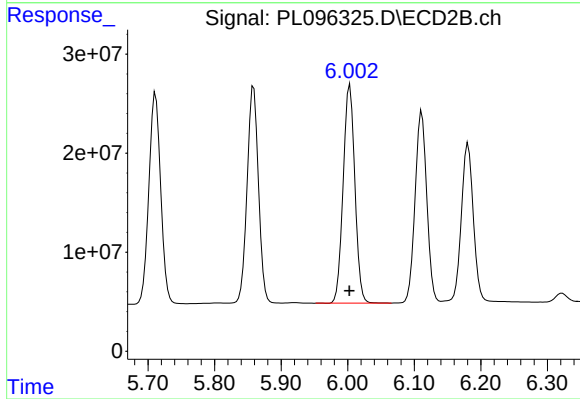
R.T.: 5.711 min  
Delta R.T.: 0.000 min  
Response: 262923527  
Conc: 43.13 ng/ml



#15 Endosulfan II

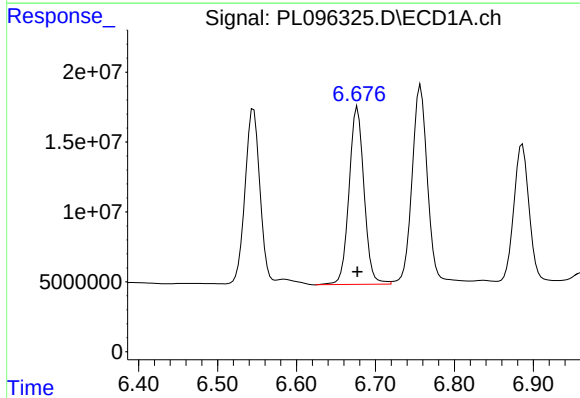
R.T.: 6.757 min  
Delta R.T.: 0.000 min  
Response: 194420286  
Conc: 56.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



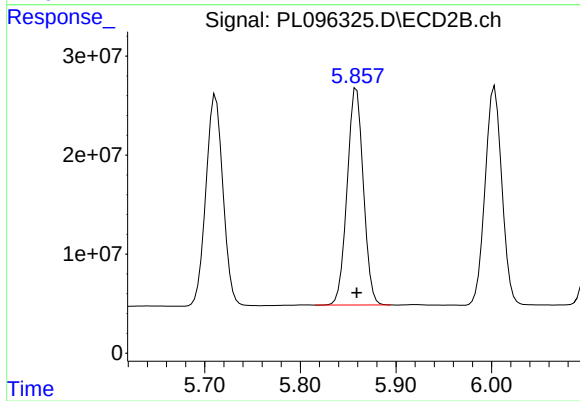
#15 Endosulfan II

R.T.: 6.003 min  
Delta R.T.: 0.000 min  
Response: 268636442  
Conc: 45.81 ng/ml



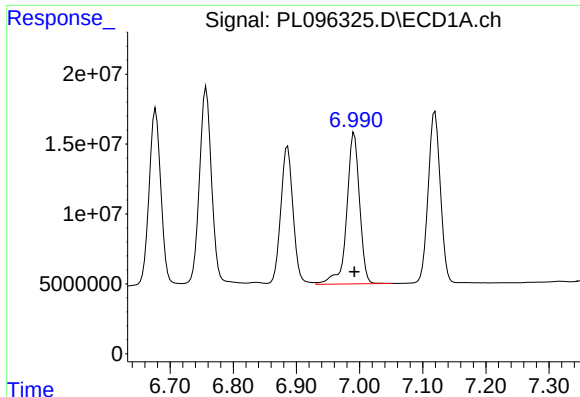
#16 4,4'-DDD

R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 167536965  
Conc: 57.54 ng/ml



#16 4,4'-DDD

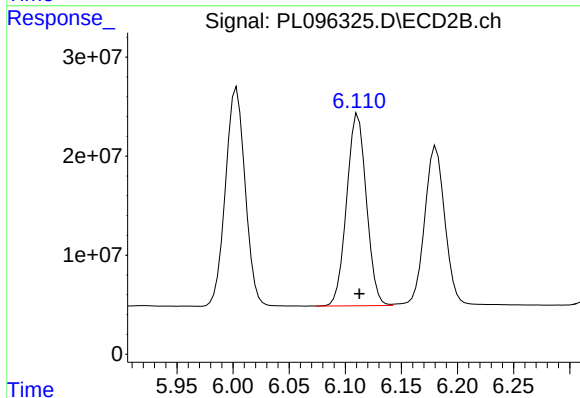
R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 259151950  
Conc: 50.53 ng/ml



#17 4,4'-DDT

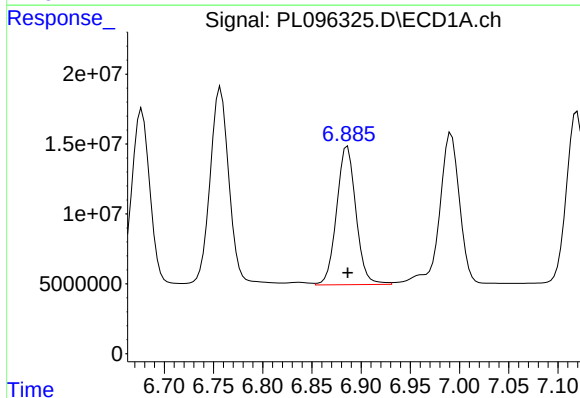
R.T.: 6.991 min  
Delta R.T.: 0.000 min  
Response: 152890079  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



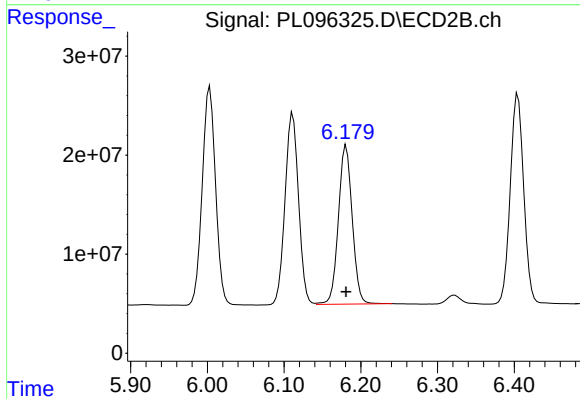
#17 4,4'-DDT

R.T.: 6.111 min  
Delta R.T.: -0.001 min  
Response: 236796310  
Conc: 41.29 ng/ml



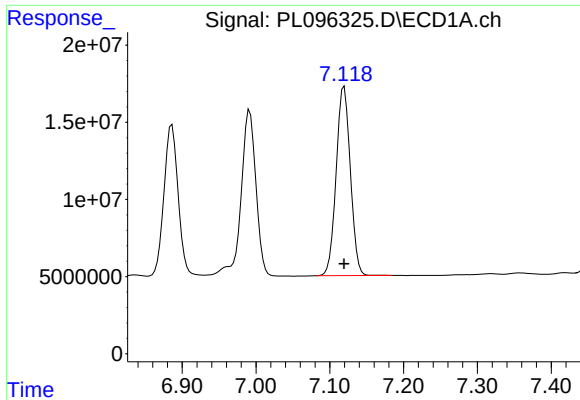
#18 Endrin aldehyde

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 135178934  
Conc: 60.47 ng/ml



#18 Endrin aldehyde

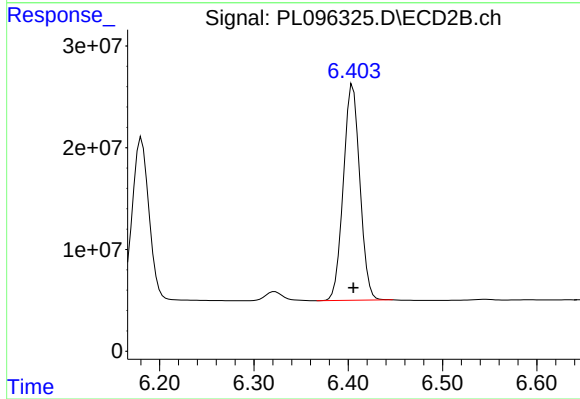
R.T.: 6.181 min  
Delta R.T.: 0.000 min  
Response: 201309109  
Conc: 45.19 ng/ml



#19 Endosulfan Sulfate

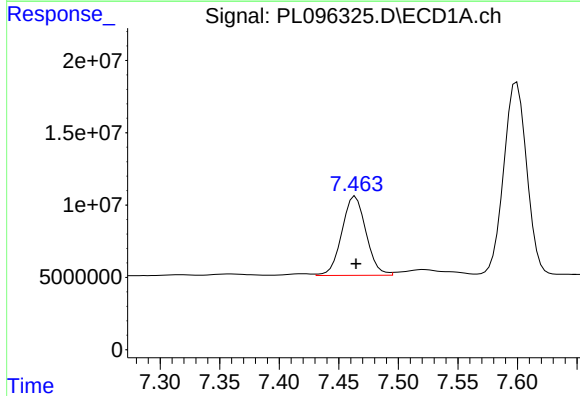
R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 163923266  
Conc: 53.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



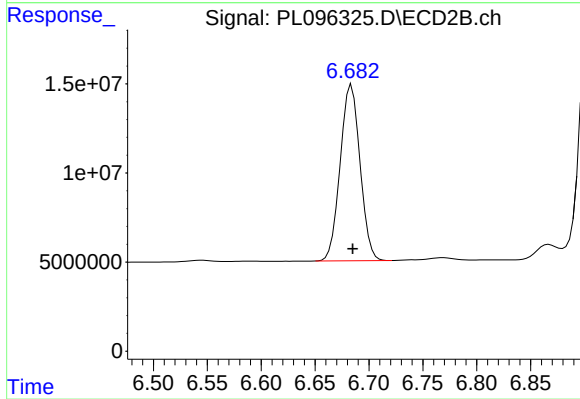
#19 Endosulfan Sulfate

R.T.: 6.405 min  
Delta R.T.: 0.000 min  
Response: 258497624  
Conc: 45.96 ng/ml



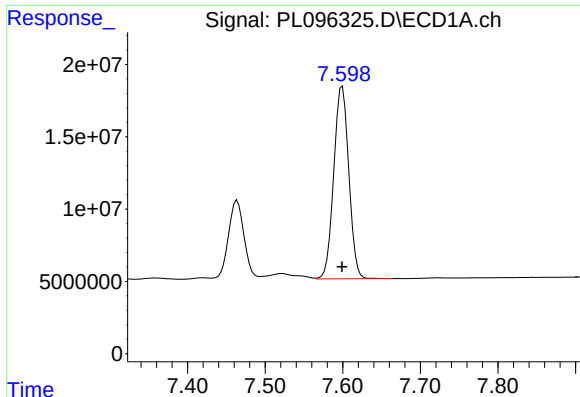
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.000 min  
Response: 77177043  
Conc: 48.99 ng/ml



#20 Methoxychlor

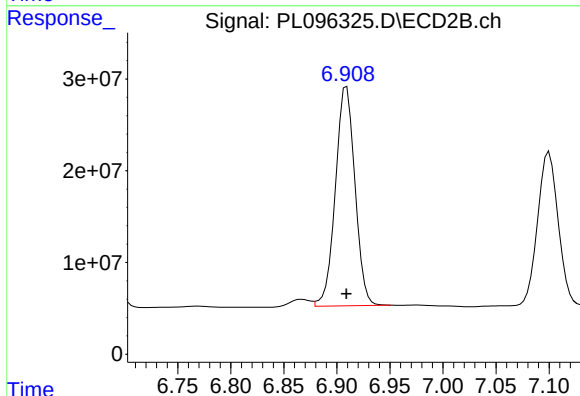
R.T.: 6.684 min  
Delta R.T.: -0.001 min  
Response: 126597175  
Conc: 41.67 ng/ml



#21 Endrin ketone

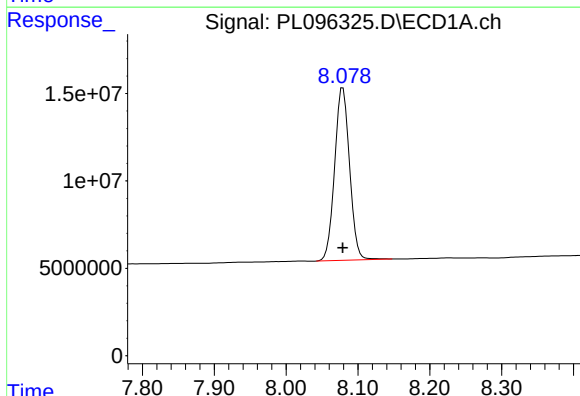
R.T.: 7.599 min  
Delta R.T.: 0.000 min  
Response: 179414709  
Conc: 54.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



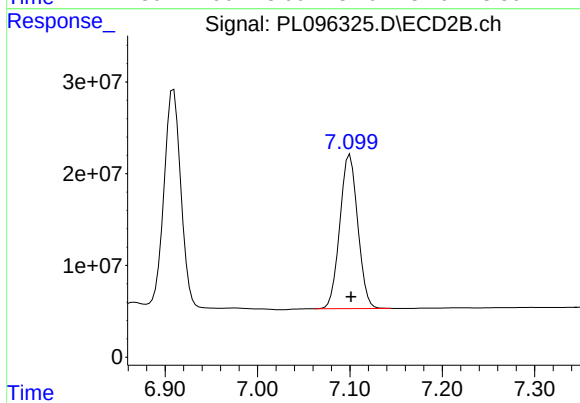
#21 Endrin ketone

R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 306620533  
Conc: 49.04 ng/ml



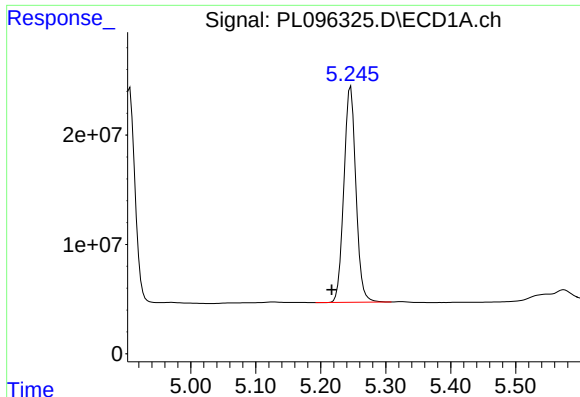
#22 Mirex

R.T.: 8.079 min  
Delta R.T.: 0.000 min  
Response: 142222588  
Conc: 51.12 ng/ml



#22 Mirex

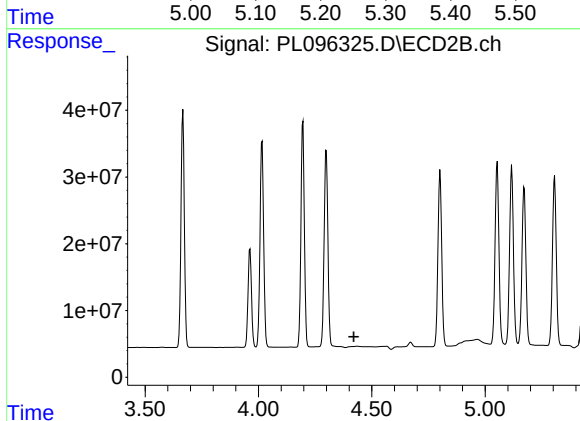
R.T.: 7.100 min  
Delta R.T.: -0.001 min  
Response: 226404637  
Conc: 45.57 ng/ml



#24 Chlordane-2

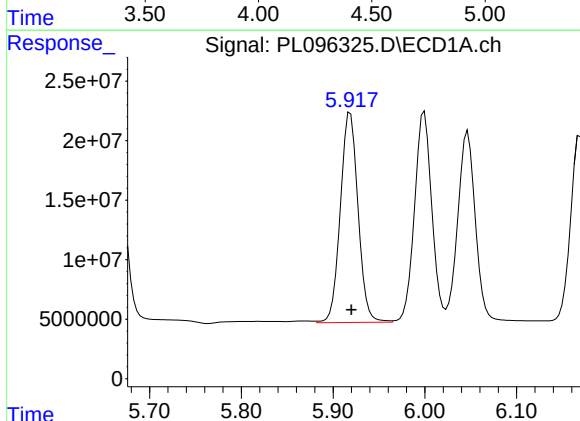
R.T.: 5.246 min  
Delta R.T.: 0.029 min  
Response: 254390223  
Conc: 1299.37 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



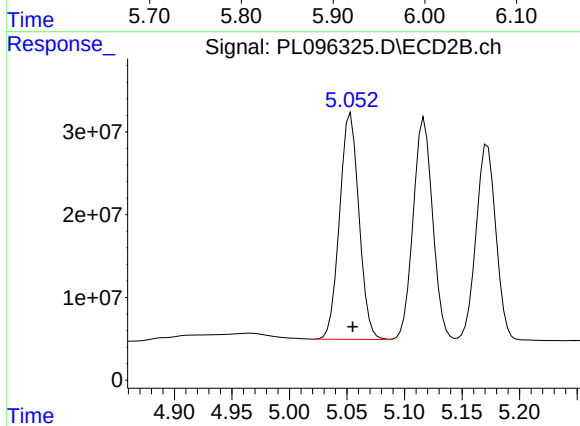
#24 Chlordane-2

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



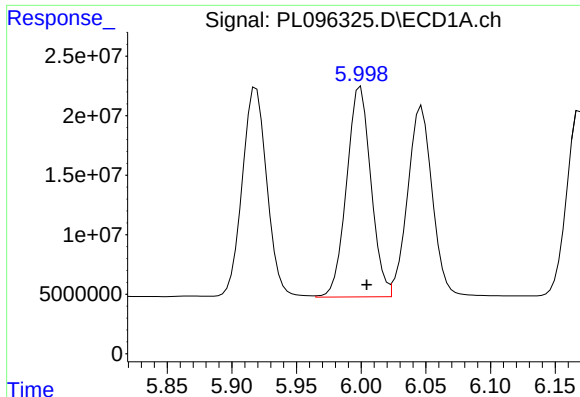
#25 Chlordane-3

R.T.: 5.919 min  
Delta R.T.: -0.001 min  
Response: 236308851  
Conc: 320.74 ng/ml



#25 Chlordane-3

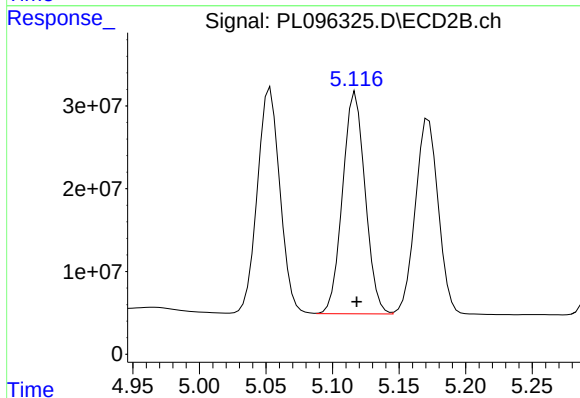
R.T.: 5.053 min  
Delta R.T.: -0.002 min  
Response: 321346042  
Conc: 399.42 ng/ml



#26 Chlordane-4

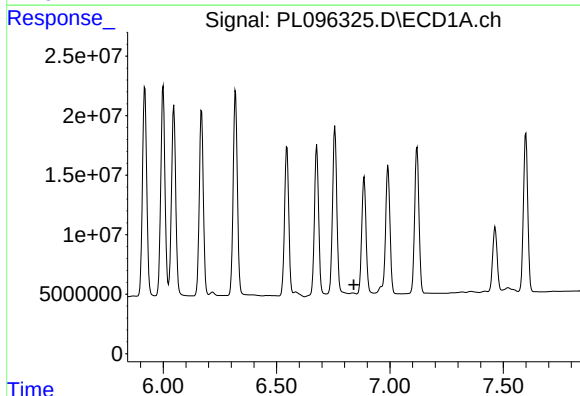
R.T.: 6.000 min  
Delta R.T.: -0.005 min  
Response: 230768119  
Conc: 257.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



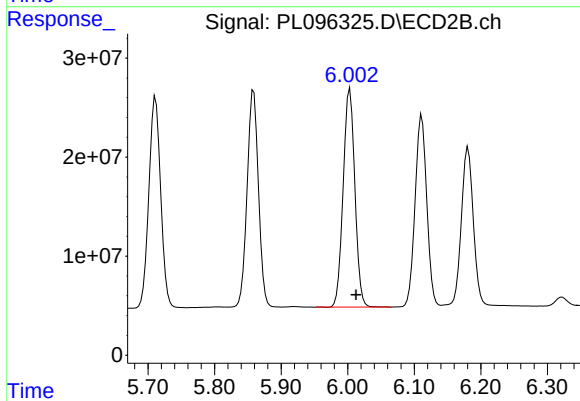
#26 Chlordane-4

R.T.: 5.117 min  
Delta R.T.: 0.000 min  
Response: 316043200  
Conc: 420.59 ng/ml



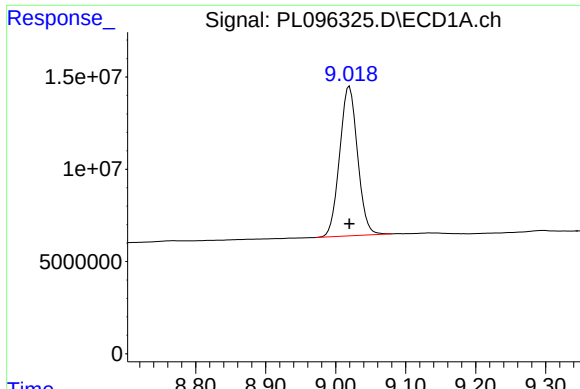
#27 Chlordane-5

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



#27 Chlordane-5

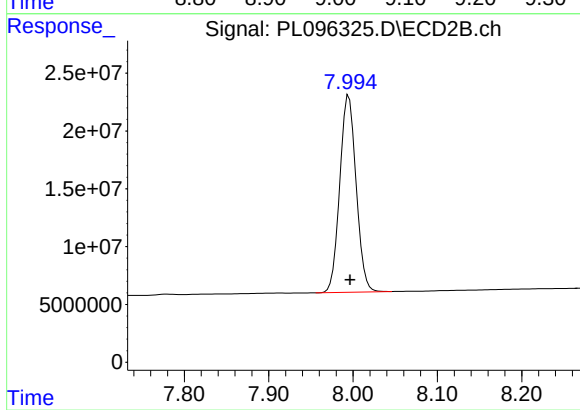
R.T.: 6.003 min  
Delta R.T.: -0.009 min  
Response: 268636442  
Conc: 947.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min  
Delta R.T.: 0.000 min  
Response: 144080629  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.995 min  
Delta R.T.: -0.001 min  
Response: 229868503  
Conc: 46.10 ng/ml