

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
 Data File : PL083567.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2023 23:43  
 Operator : AR\AJ  
 Sample : 03202-03MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 04:28:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 17 12:34:26 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.455  | 2.753  | 55636895 | 46179829 | 25.171  | 19.825     |
| 28)                         | SA Decachlor... | 8.990  | 7.961  | 36685448 | 46174308 | 19.252  | 18.800     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.911  | 3.263  | 145.5E6  | 164.7E6  | 46.736  | 48.804     |
| 3)                          | MA gamma-BHC... | 4.245  | 3.596  | 137.0E6  | 159.0E6  | 48.062  | 49.524     |
| 4)                          | MA Heptachlor   | 4.837  | 3.943  | 137.3E6  | 160.6E6  | 49.657  | 51.887     |
| 5)                          | MB Aldrin       | 5.179  | 4.226  | 129.5E6  | 156.4E6  | 49.824  | 51.938     |
| 6)                          | B beta-BHC      | 4.444  | 3.898  | 67211775 | 75988848 | 51.950  | 50.917     |
| 7)                          | B delta-BHC     | 4.689  | 4.129  | 91745506 | 114.0E6  | 33.286  | 35.380     |
| 8)                          | B Heptachlo...  | 5.607  | 4.735  | 117.1E6  | 127.0E6  | 46.123  | 44.261     |
| 9)                          | A Endosulfan I  | 5.992  | 5.108  | 109.1E6  | 140.2E6  | 48.961  | 52.037     |
| 10)                         | B gamma-Chl...  | 5.864  | 4.989  | 117.4E6  | 155.6E6  | 48.795  | 52.600     |
| 11)                         | B alpha-Chl...  | 5.943  | 5.054  | 116.1E6  | 153.6E6  | 49.033  | 51.937     |
| 12)                         | B 4,4'-DDE      | 6.122  | 5.251  | 102.5E6  | 138.6E6  | 50.790  | 54.273     |
| 13)                         | MA Dieldrin     | 6.269  | 5.375  | 109.9E6  | 147.7E6  | 48.923  | 52.688     |
| 14)                         | MA Endrin       | 6.498  | 5.651  | 95951266 | 131.7E6  | 54.367  | 57.064     |
| 15)                         | B Endosulfa...  | 6.718  | 5.949  | 91517537 | 125.3E6  | 49.032  | 52.779     |
| 16)                         | A 4,4'-DDD      | 6.641  | 5.809  | 87517627 | 112.7E6  | 51.257  | 51.112     |
| 17)                         | MA 4,4'-DDT     | 6.955  | 6.063  | 91263194 | 115.2E6  | 54.205  | 55.182     |
| 18)                         | B Endrin al...  | 6.849  | 6.130  | 54534613 | 96416979 | 36.788  | 51.014 #   |
| 19)                         | B Endosulfa...  | 7.084  | 6.356  | 91601302 | 119.6E6  | 47.698  | 49.373     |
| 20)                         | A Methoxychlor  | 7.436  | 6.648  | 50528191 | 64728836 | 55.705  | 53.709     |
| 21)                         | B Endrin ke...  | 7.568  | 6.862  | 102.2E6  | 138.8E6  | 47.721  | 49.367     |
| 22)                         | Mirex           | 8.043  | 7.048  | 87838622 | 113.9E6  | 47.062  | 47.350     |
| 23)                         | Chlordane-1     | 0.000  | 3.789f | 0        | 1333619  | N.D.    | 13.605 #   |
| 24)                         | Chlordane-2     | 5.131f | 4.367f | 973445   | 409121   | 8.972   | 3.402 #    |
| 25)                         | Chlordane-3     | 5.864  | 4.989  | 117.4E6  | 155.6E6  | 307.204 | 474.981 #  |
| 26)                         | Chlordane-4     | 5.943  | 5.054  | 116.1E6  | 153.6E6  | 251.161 | 455.811 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.949  | 0        | 125.3E6  | N.D.    | 1126.863 # |
| -----                       |                 |        |        |          |          |         |            |

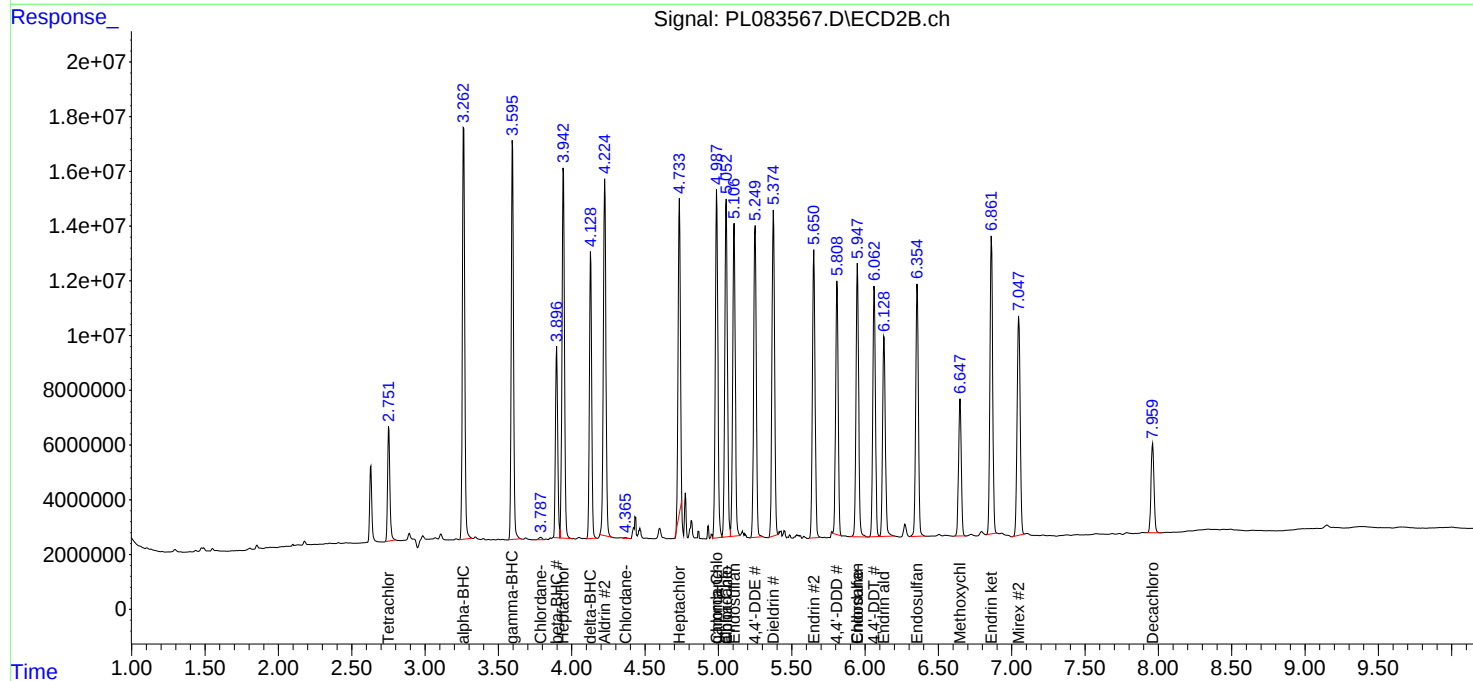
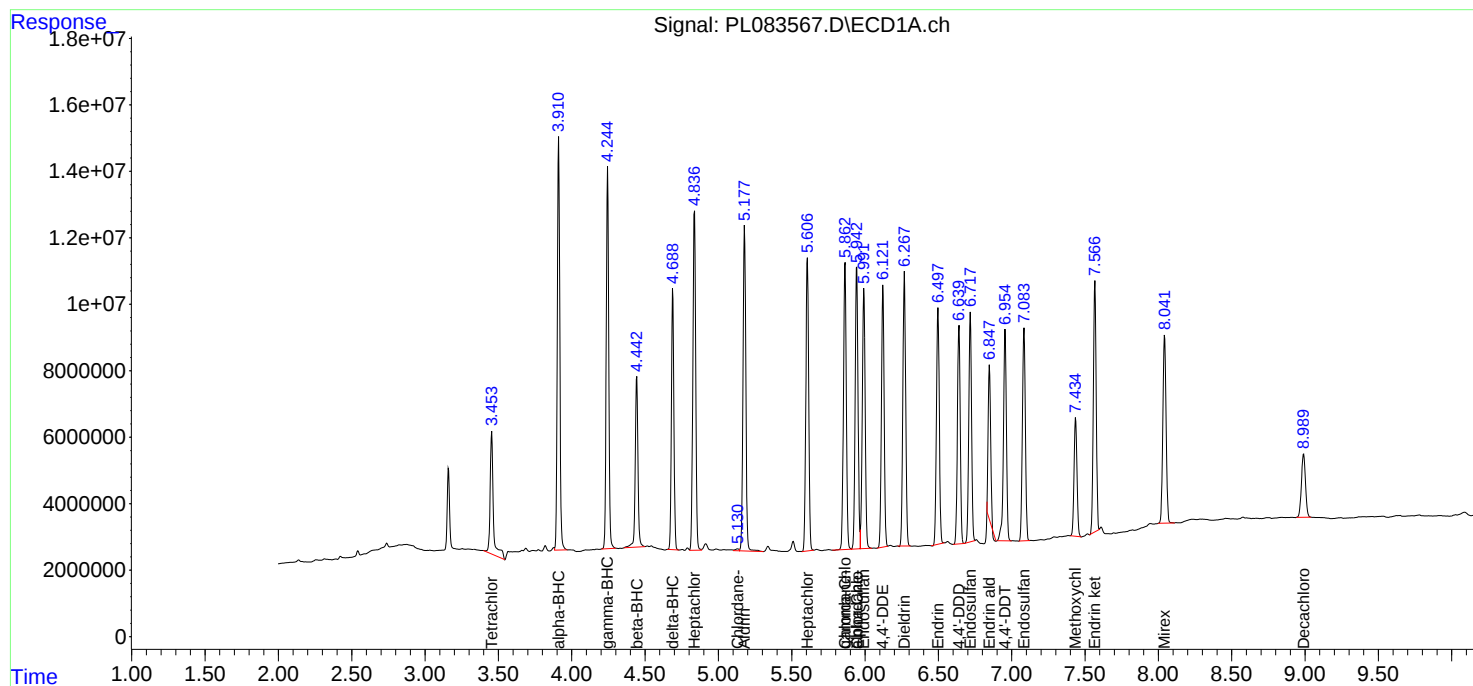
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

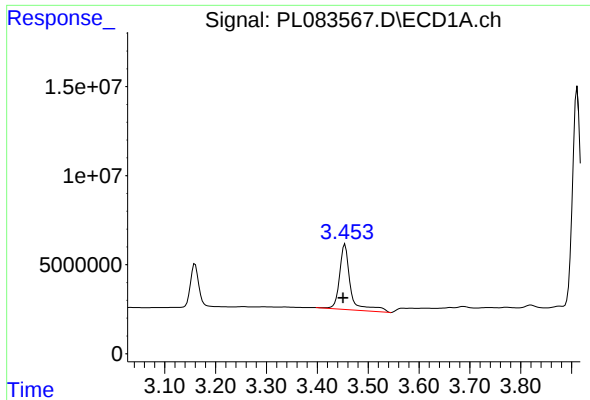
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
Data File : PL083567.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jun 2023 23:43  
Operator : AR\AJ  
Sample : 03202-03MS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 04:28:35 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 17 12:34:26 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

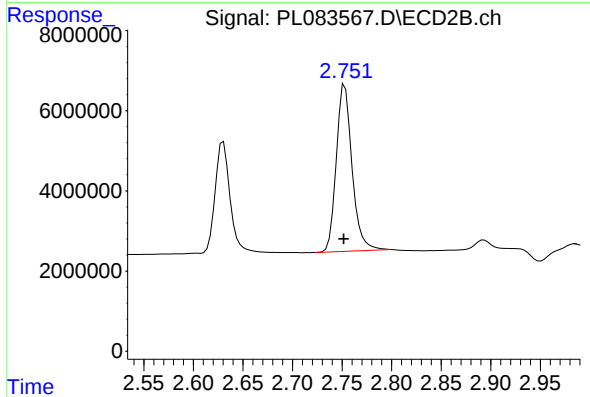




#1 Tetrachloro-m-xylene

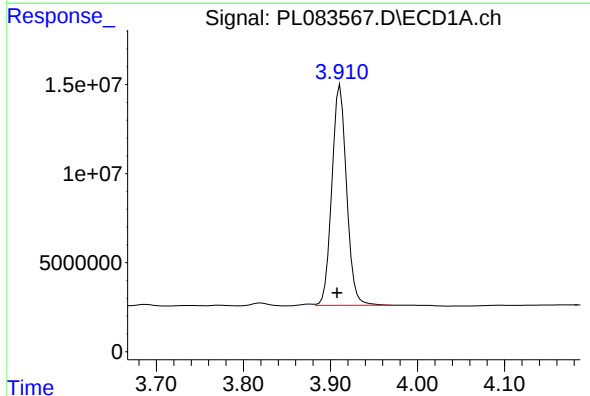
R.T.: 3.455 min  
Delta R.T.: 0.004 min  
Response: 55636895  
Conc: 25.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



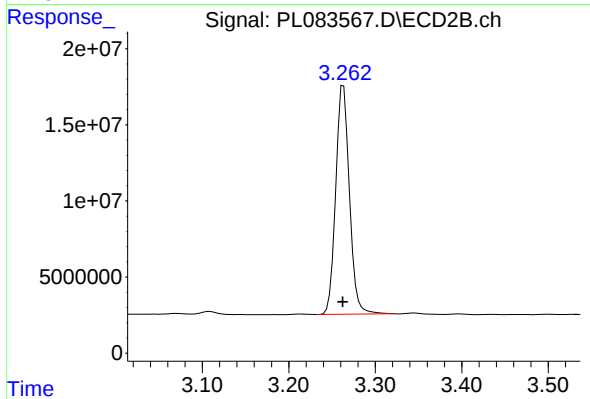
#1 Tetrachloro-m-xylene

R.T.: 2.753 min  
Delta R.T.: 0.001 min  
Response: 46179829  
Conc: 19.83 ng/ml



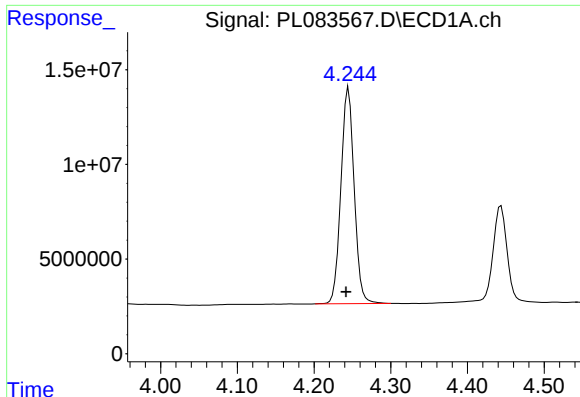
#2 alpha-BHC

R.T.: 3.911 min  
Delta R.T.: 0.004 min  
Response: 145510337  
Conc: 46.74 ng/ml



#2 alpha-BHC

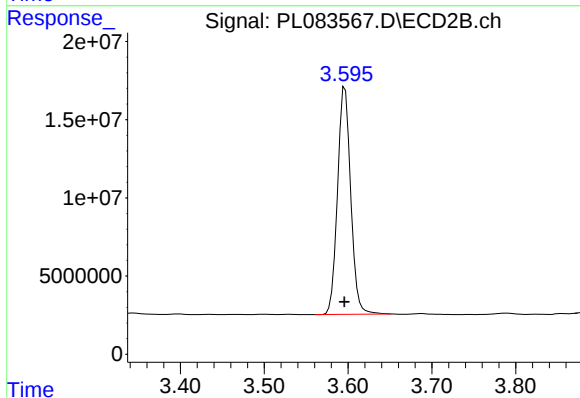
R.T.: 3.263 min  
Delta R.T.: 0.000 min  
Response: 164741758  
Conc: 48.80 ng/ml



#3 gamma-BHC (Lindane)

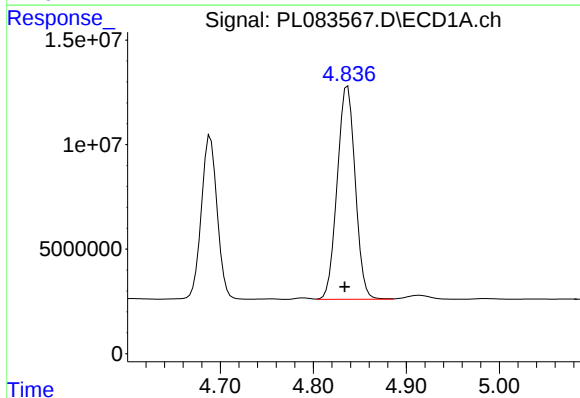
R.T.: 4.245 min  
Delta R.T.: 0.003 min  
Response: 137011914  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



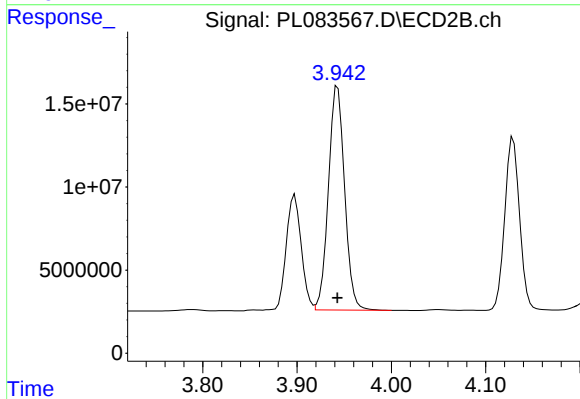
#3 gamma-BHC (Lindane)

R.T.: 3.596 min  
Delta R.T.: 0.000 min  
Response: 159001968  
Conc: 49.52 ng/ml



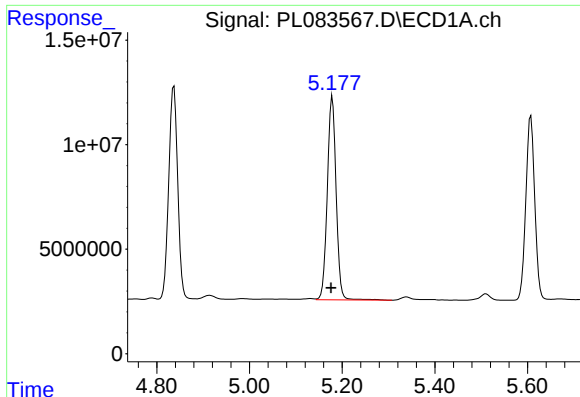
#4 Heptachlor

R.T.: 4.837 min  
Delta R.T.: 0.003 min  
Response: 137297312  
Conc: 49.66 ng/ml



#4 Heptachlor

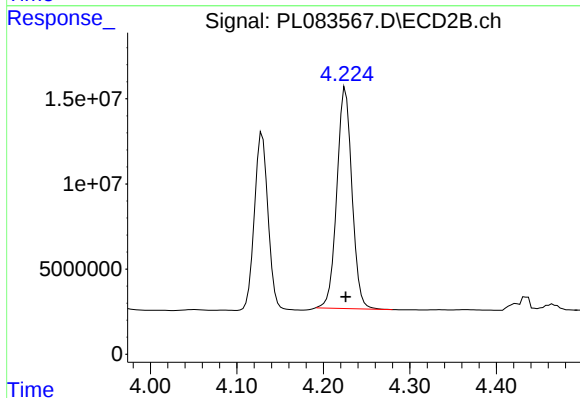
R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 160624532  
Conc: 51.89 ng/ml



#5 Aldrin

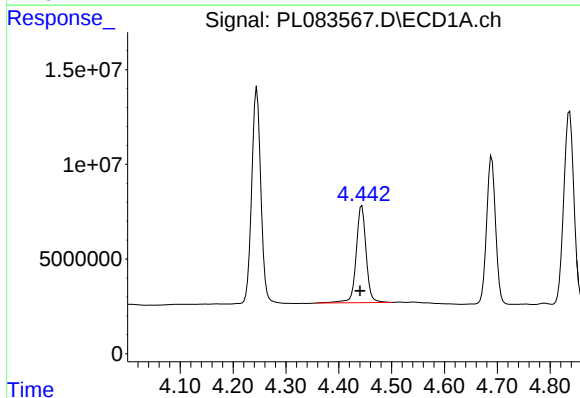
R.T.: 5.179 min  
Delta R.T.: 0.003 min  
Response: 129485066  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



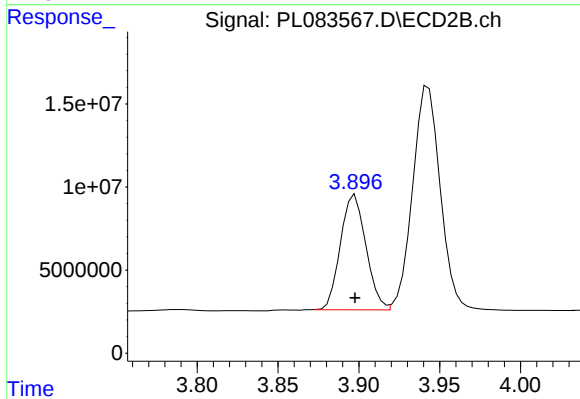
#5 Aldrin

R.T.: 4.226 min  
Delta R.T.: 0.000 min  
Response: 156364264  
Conc: 51.94 ng/ml



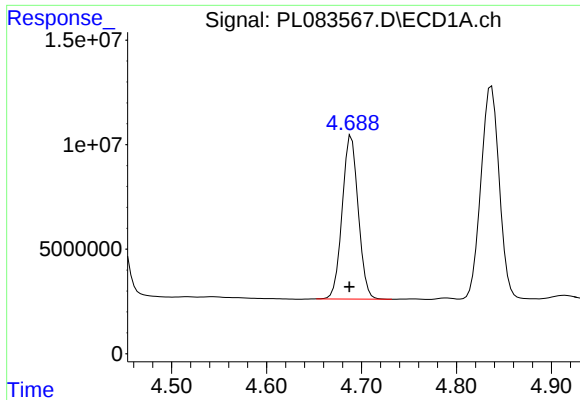
#6 beta-BHC

R.T.: 4.444 min  
Delta R.T.: 0.004 min  
Response: 67211775  
Conc: 51.95 ng/ml



#6 beta-BHC

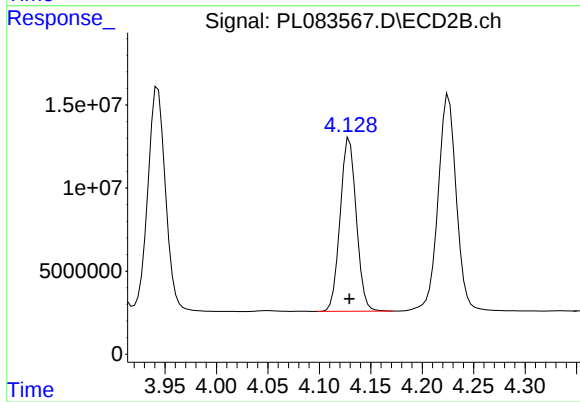
R.T.: 3.898 min  
Delta R.T.: 0.000 min  
Response: 75988848  
Conc: 50.92 ng/ml



#7 delta-BHC

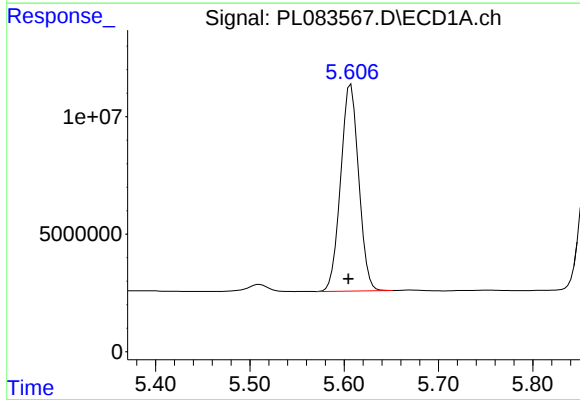
R.T.: 4.689 min  
Delta R.T.: 0.002 min  
Response: 91745506  
Conc: 33.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



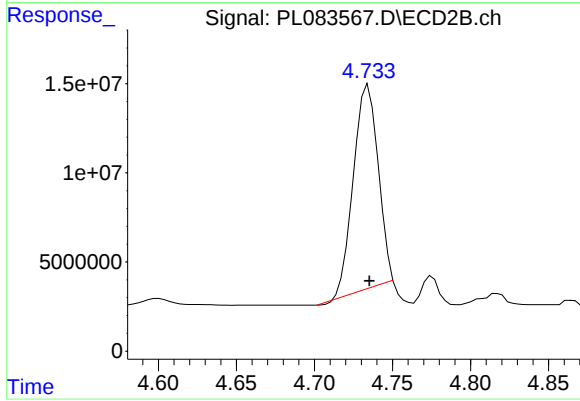
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 114035973  
Conc: 35.38 ng/ml



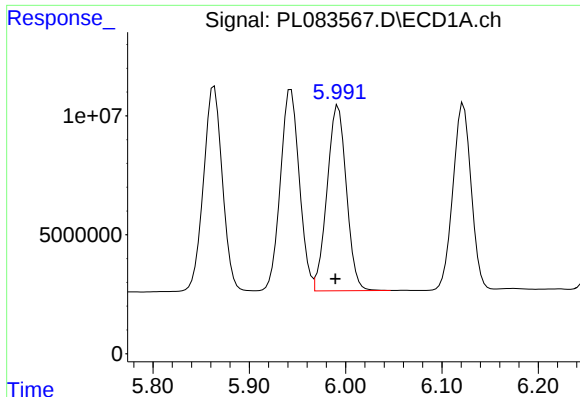
#8 Heptachlor epoxide

R.T.: 5.607 min  
Delta R.T.: 0.003 min  
Response: 117077658  
Conc: 46.12 ng/ml



#8 Heptachlor epoxide

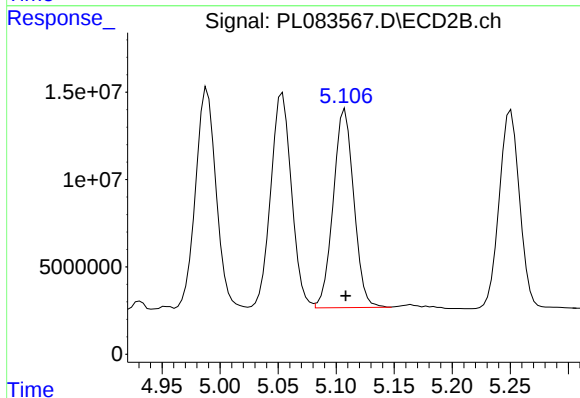
R.T.: 4.735 min  
Delta R.T.: 0.000 min  
Response: 127049689  
Conc: 44.26 ng/ml



#9 Endosulfan I

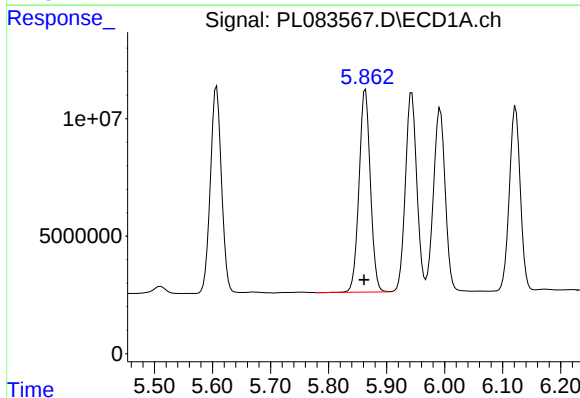
R.T.: 5.992 min  
Delta R.T.: 0.003 min  
Response: 109096354  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



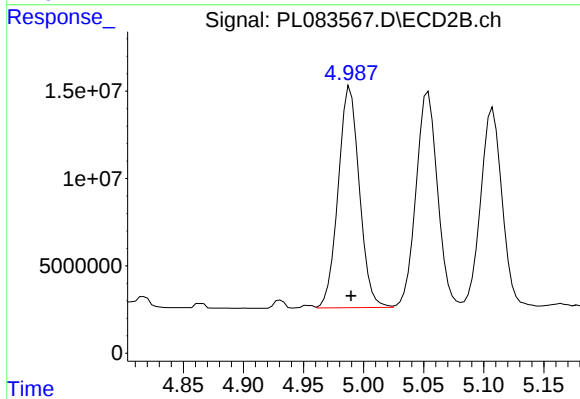
#9 Endosulfan I

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 140243985  
Conc: 52.04 ng/ml



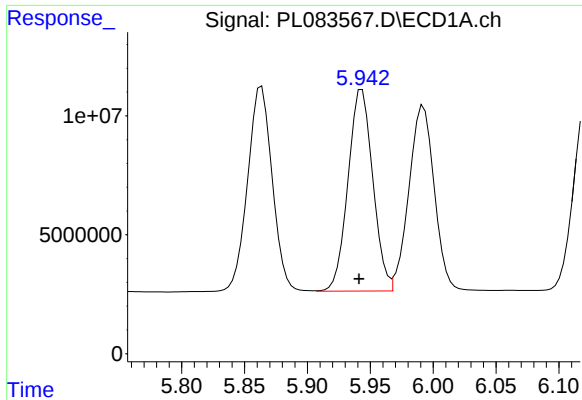
#10 gamma-Chlordane

R.T.: 5.864 min  
Delta R.T.: 0.002 min  
Response: 117383937  
Conc: 48.79 ng/ml



#10 gamma-Chlordane

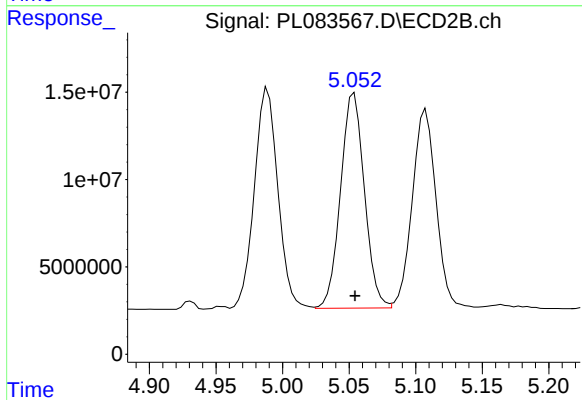
R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 155629764  
Conc: 52.60 ng/ml



#11 alpha-Chlordane

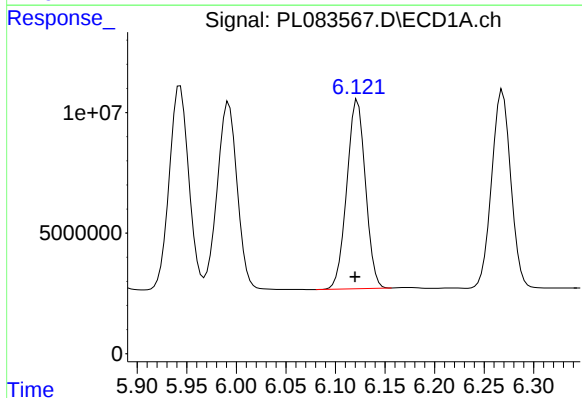
R.T.: 5.943 min  
Delta R.T.: 0.002 min  
Response: 116142829  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



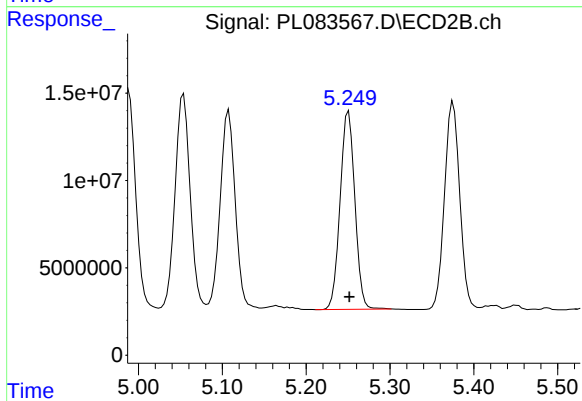
#11 alpha-Chlordane

R.T.: 5.054 min  
Delta R.T.: 0.000 min  
Response: 153644603  
Conc: 51.94 ng/ml



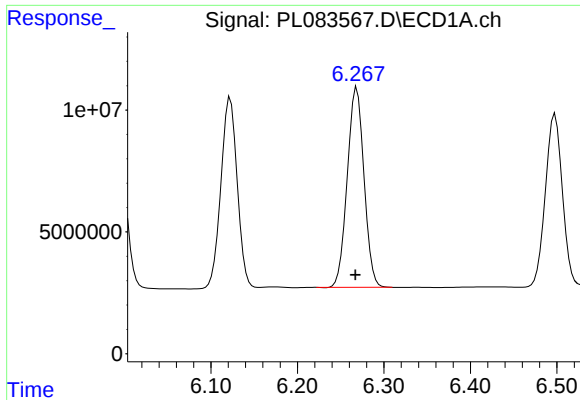
#12 4,4'-DDE

R.T.: 6.122 min  
Delta R.T.: 0.002 min  
Response: 102528753  
Conc: 50.79 ng/ml



#12 4,4'-DDE

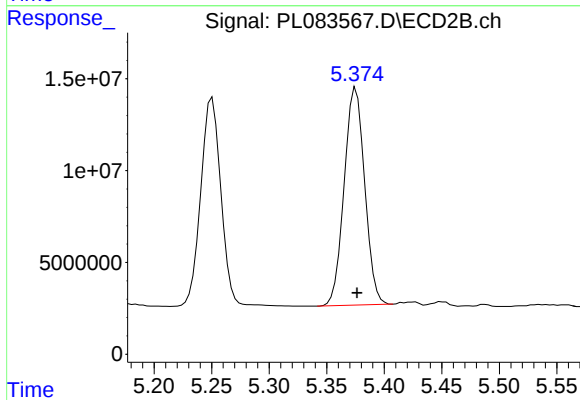
R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 138646274  
Conc: 54.27 ng/ml



#13 Dieldrin

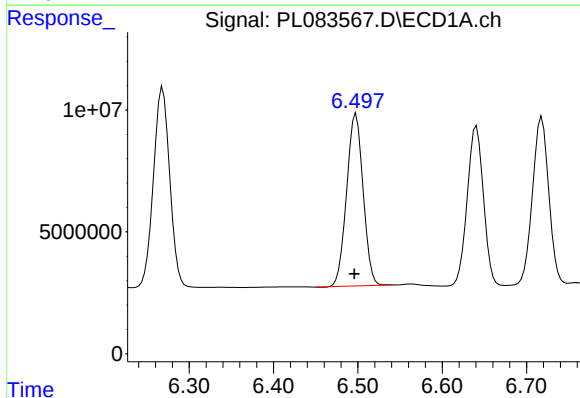
R.T.: 6.269 min  
Delta R.T.: 0.002 min  
Response: 109855292  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



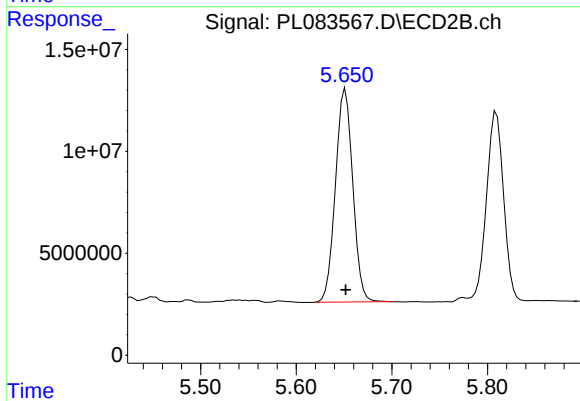
#13 Dieldrin

R.T.: 5.375 min  
Delta R.T.: 0.000 min  
Response: 147748675  
Conc: 52.69 ng/ml



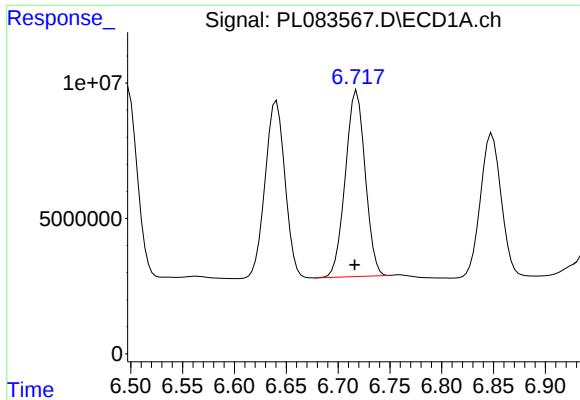
#14 Endrin

R.T.: 6.498 min  
Delta R.T.: 0.002 min  
Response: 95951266  
Conc: 54.37 ng/ml



#14 Endrin

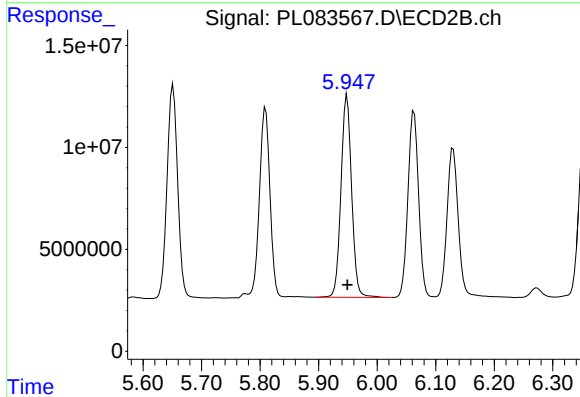
R.T.: 5.651 min  
Delta R.T.: 0.000 min  
Response: 131709099  
Conc: 57.06 ng/ml



#15 Endosulfan II

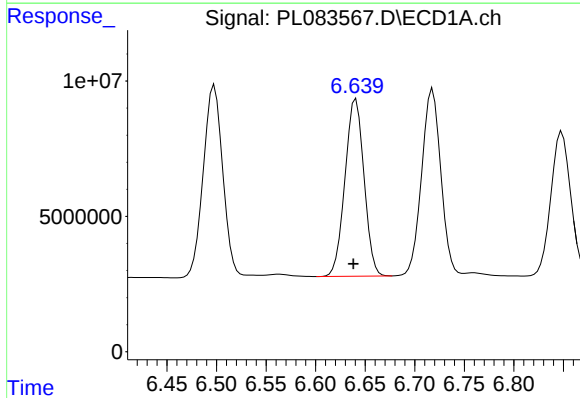
R.T.: 6.718 min  
Delta R.T.: 0.002 min  
Response: 91517537  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



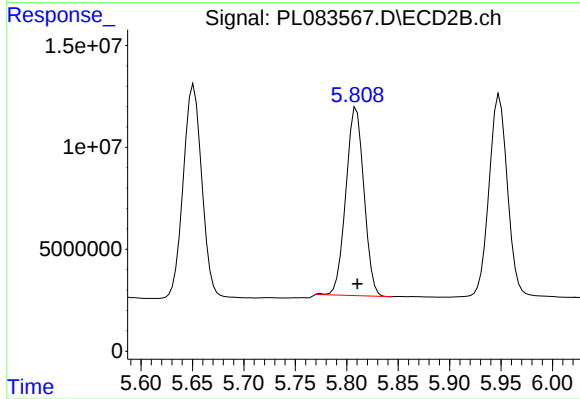
#15 Endosulfan II

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 125281908  
Conc: 52.78 ng/ml



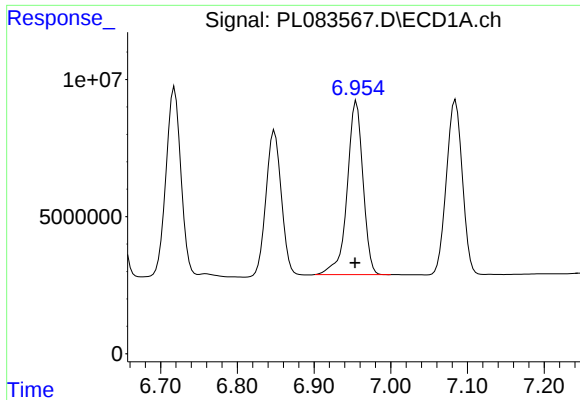
#16 4,4'-DDD

R.T.: 6.641 min  
Delta R.T.: 0.003 min  
Response: 87517627  
Conc: 51.26 ng/ml



#16 4,4'-DDD

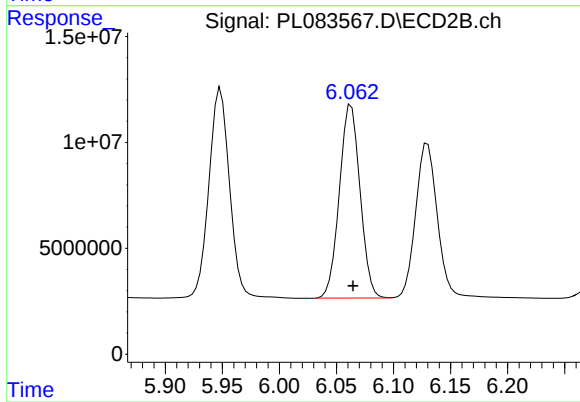
R.T.: 5.809 min  
Delta R.T.: -0.001 min  
Response: 112710495  
Conc: 51.11 ng/ml



#17 4,4'-DDT

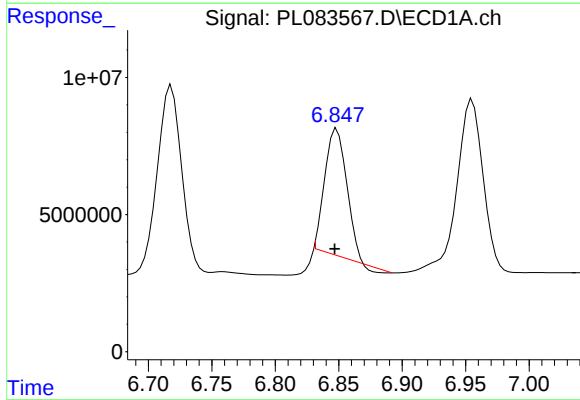
R.T.: 6.955 min  
Delta R.T.: 0.002 min  
Response: 91263194  
Conc: 54.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



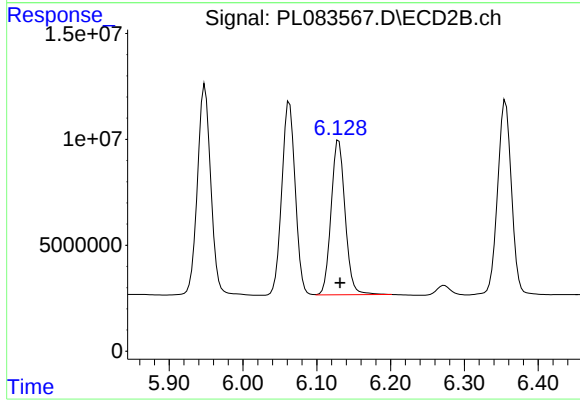
#17 4,4'-DDT

R.T.: 6.063 min  
Delta R.T.: -0.001 min  
Response: 115211230  
Conc: 55.18 ng/ml



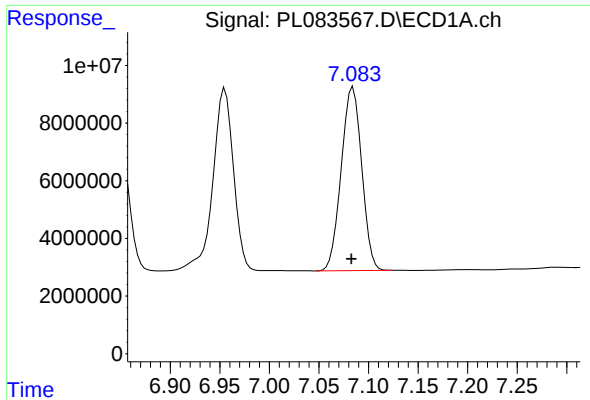
#18 Endrin aldehyde

R.T.: 6.849 min  
Delta R.T.: 0.002 min  
Response: 54534613  
Conc: 36.79 ng/ml



#18 Endrin aldehyde

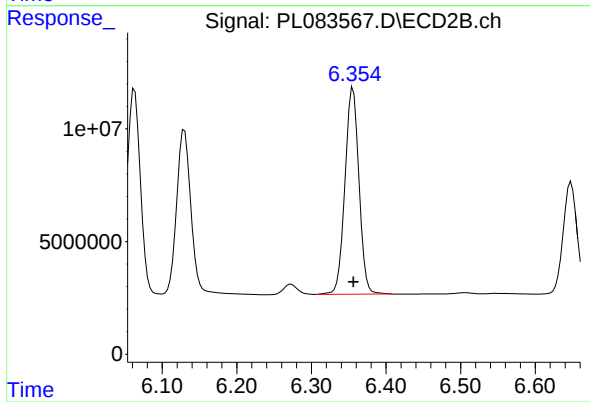
R.T.: 6.130 min  
Delta R.T.: -0.002 min  
Response: 96416979  
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

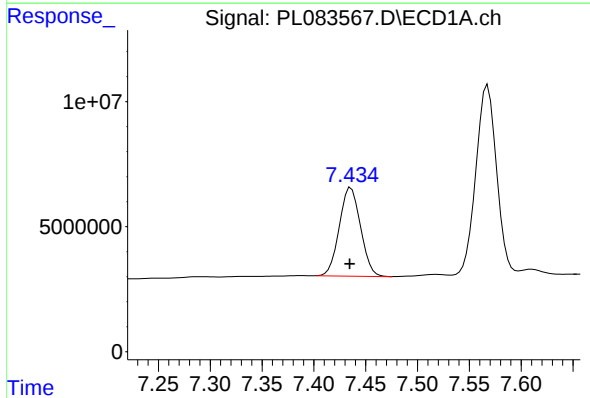
R.T.: 7.084 min  
Delta R.T.: 0.002 min  
Response: 91601302  
Conc: 47.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



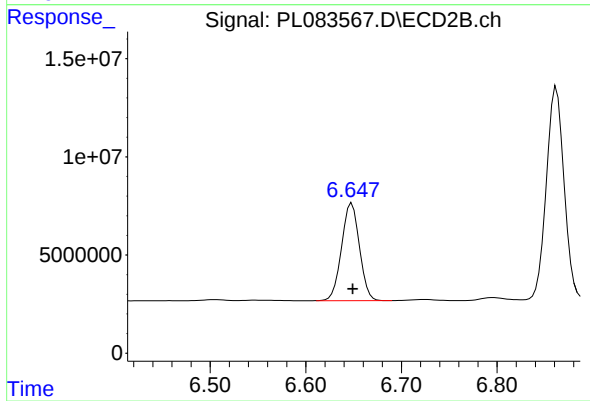
#19 Endosulfan Sulfate

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 119565954  
Conc: 49.37 ng/ml



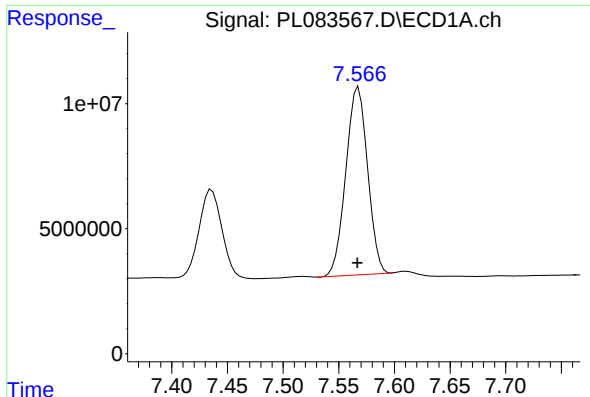
#20 Methoxychlor

R.T.: 7.436 min  
Delta R.T.: 0.001 min  
Response: 50528191  
Conc: 55.71 ng/ml



#20 Methoxychlor

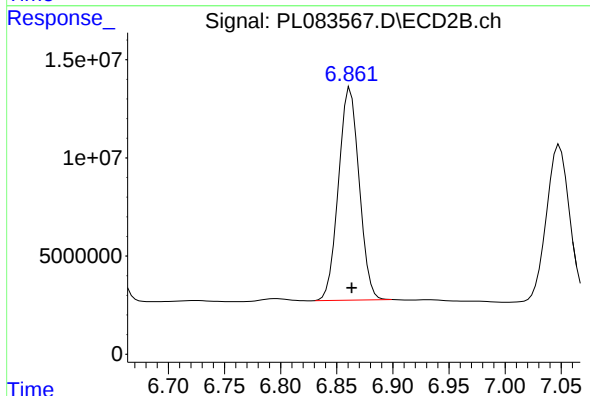
R.T.: 6.648 min  
Delta R.T.: -0.001 min  
Response: 64728836  
Conc: 53.71 ng/ml



#21 Endrin ketone

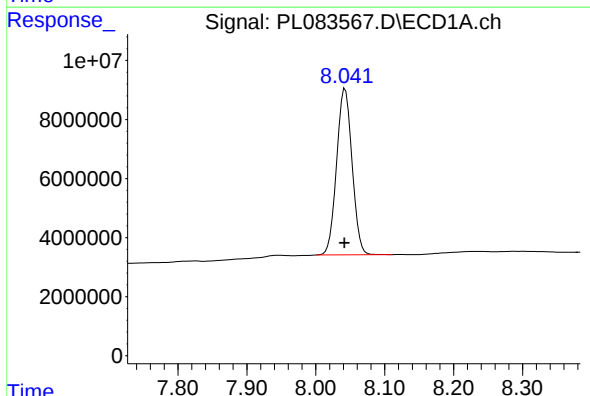
R.T.: 7.568 min  
Delta R.T.: 0.001 min  
Response: 102244341  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



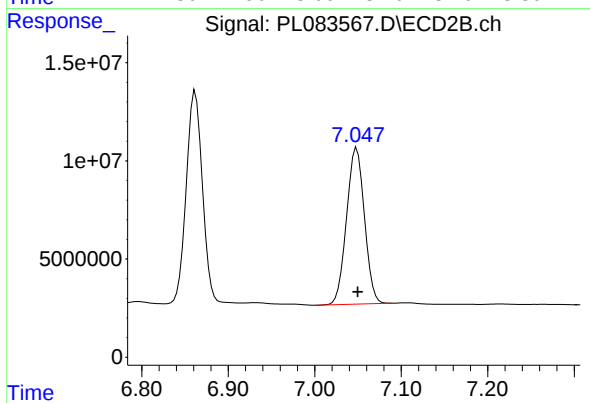
#21 Endrin ketone

R.T.: 6.862 min  
Delta R.T.: -0.001 min  
Response: 138789602  
Conc: 49.37 ng/ml



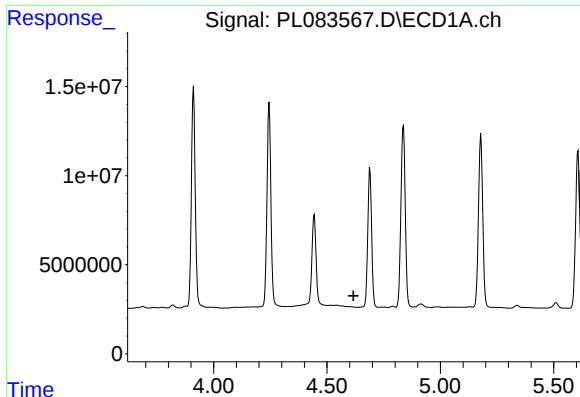
#22 Mirex

R.T.: 8.043 min  
Delta R.T.: 0.001 min  
Response: 87838622  
Conc: 47.06 ng/ml



#22 Mirex

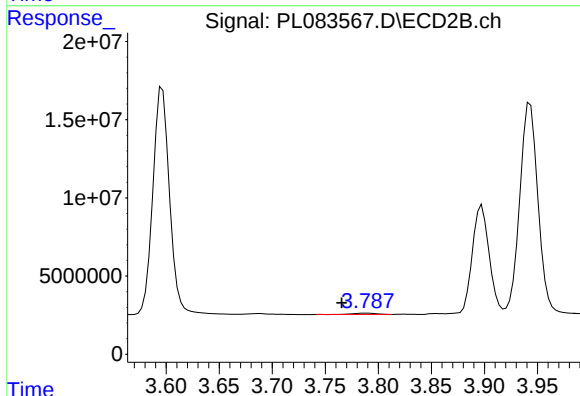
R.T.: 7.048 min  
Delta R.T.: -0.001 min  
Response: 113949985  
Conc: 47.35 ng/ml



#23 Chlordane-1

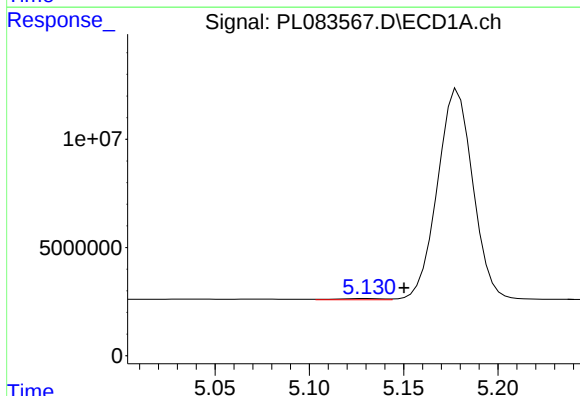
R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



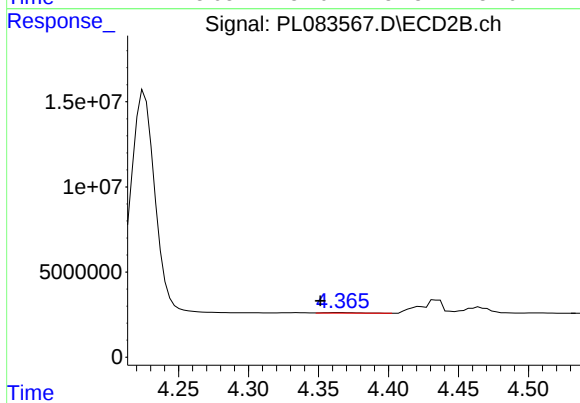
#23 Chlordane-1

R.T.: 3.789 min  
Delta R.T.: 0.023 min  
Response: 1333619  
Conc: 13.61 ng/ml



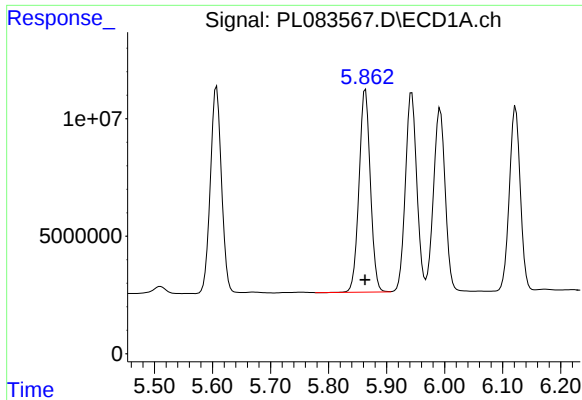
#24 Chlordane-2

R.T.: 5.131 min  
Delta R.T.: -0.019 min  
Response: 973445  
Conc: 8.97 ng/ml



#24 Chlordane-2

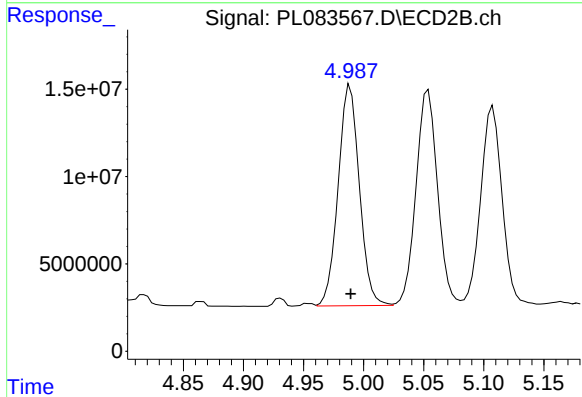
R.T.: 4.367 min  
Delta R.T.: 0.015 min  
Response: 409121  
Conc: 3.40 ng/ml



#25 Chlordane-3

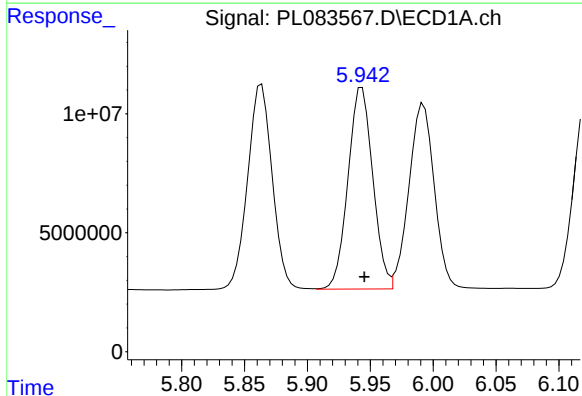
R.T.: 5.864 min  
Delta R.T.: 0.000 min  
Response: 117383937  
Conc: 307.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



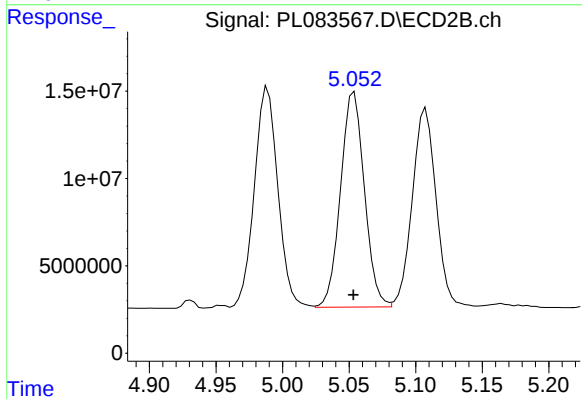
#25 Chlordane-3

R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 155629764  
Conc: 474.98 ng/ml



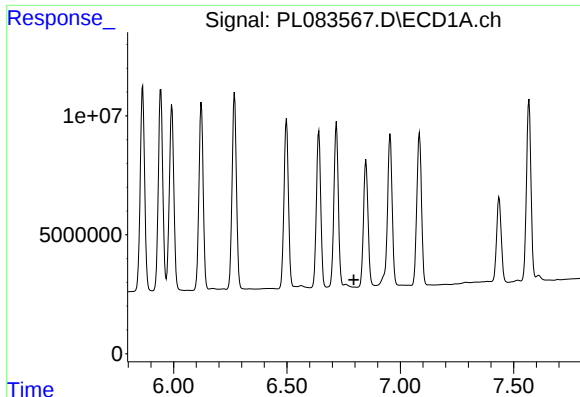
#26 Chlordane-4

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 116142829  
Conc: 251.16 ng/ml



#26 Chlordane-4

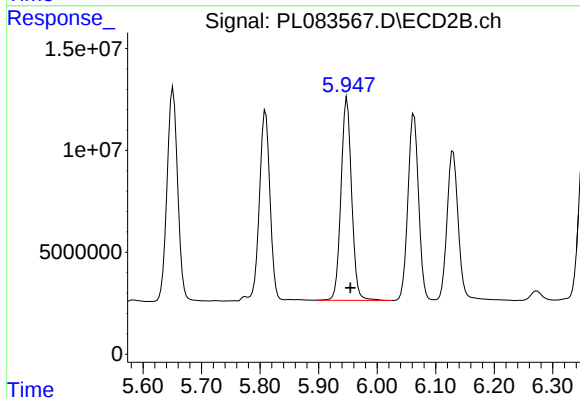
R.T.: 5.054 min  
Delta R.T.: 0.000 min  
Response: 153644603  
Conc: 455.81 ng/ml



#27 Chlordane-5

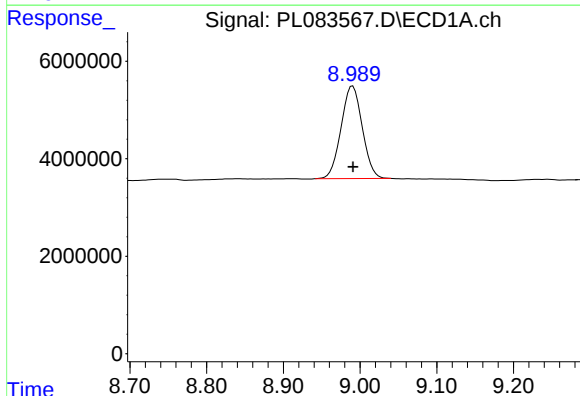
R.T.: 0.000 min  
Exp R.T.: 6.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



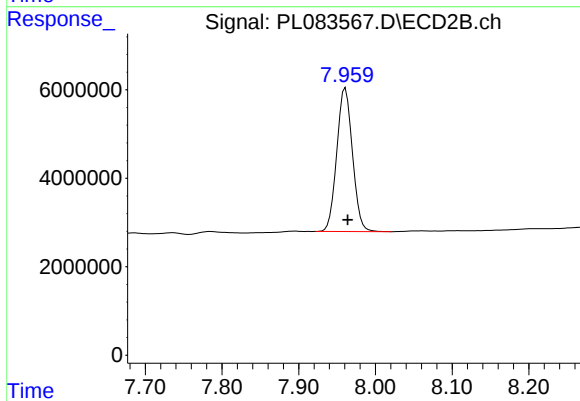
#27 Chlordane-5

R.T.: 5.949 min  
Delta R.T.: -0.006 min  
Response: 125281908  
Conc: 1126.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.000 min  
Response: 36685448  
Conc: 19.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.961 min  
Delta R.T.: -0.003 min  
Response: 46174308  
Conc: 18.80 ng/ml