

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020325\  
 Data File : PL094034.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2025 01:46  
 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: Feb 04 05:13:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 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  | 2.773 | 135.3E6  | 166.7E6  | 50.240   | 51.077     |
| 28)                         | SA Decachlor... | 9.056  | 7.911 | 92457670 | 164.9E6  | 44.198   | 47.068     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.276 | 195.4E6  | 254.2E6  | 50.973   | 51.989     |
| 3)                          | MA gamma-BHC... | 4.327  | 3.607 | 185.4E6  | 242.1E6  | 50.354   | 51.053     |
| 4)                          | MA Heptachlor   | 4.915  | 3.944 | 156.9E6  | 221.1E6  | 47.871   | 47.505     |
| 5)                          | MB Aldrin       | 5.257  | 4.224 | 164.8E6  | 234.9E6  | 50.359   | 51.491     |
| 6)                          | B beta-BHC      | 4.525  | 3.907 | 80876682 | 103.0E6  | 50.318   | 51.579     |
| 7)                          | B delta-BHC     | 4.772  | 4.135 | 179.1E6  | 247.7E6  | 51.086   | 52.131     |
| 8)                          | B Heptachlo...  | 5.684  | 4.727 | 144.0E6  | 213.1E6  | 48.419   | 50.989     |
| 9)                          | A Endosulfan I  | 6.069  | 5.096 | 126.9E6  | 196.8E6  | 48.012   | 50.756     |
| 10)                         | B gamma-Chl...  | 5.939  | 4.977 | 139.0E6  | 220.2E6  | 49.880   | 51.953     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.040 | 134.5E6  | 213.9E6  | 48.243   | 51.087     |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.229 | 128.7E6  | 214.8E6  | 52.874   | 53.569     |
| 13)                         | MA Dieldrin     | 6.344  | 5.360 | 135.0E6  | 217.0E6  | 48.620   | 50.526     |
| 14)                         | MA Endrin       | 6.574  | 5.636 | 113.9E6  | 184.7E6  | 48.573   | 50.030     |
| 15)                         | B Endosulfa...  | 6.793  | 5.931 | 112.2E6  | 185.7E6  | 46.586   | 50.137     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.784 | 102.0E6  | 174.7E6  | 53.646   | 55.354     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.034 | 88484371 | 150.2E6  | 44.869   | 46.149     |
| 18)                         | B Endrin al...  | 6.925  | 6.110 | 91169501 | 147.9E6  | 46.897   | 48.586     |
| 19)                         | B Endosulfa...  | 7.159  | 6.333 | 104.5E6  | 175.8E6  | 46.147   | 49.288     |
| 20)                         | A Methoxychlor  | 7.500  | 6.609 | 47690118 | 79242926 | 45.707   | 44.316     |
| 21)                         | B Endrin ke...  | 7.645  | 6.839 | 114.4E6  | 201.3E6  | 45.344   | 47.989     |
| 22)                         | Mirex           | 8.117  | 7.019 | 89209780 | 158.2E6  | 42.838   | 46.783     |
| 24)                         | Chlordane-2     | 5.257f | 4.361 | 164.8E6  | 1003352  | 1407.333 | 6.838 #    |
| 25)                         | Chlordane-3     | 5.939  | 4.977 | 139.0E6  | 220.2E6  | 354.442  | 506.319 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.040 | 134.5E6  | 213.9E6  | 286.148  | 504.823 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.931 | 0        | 185.7E6  | N.D.     | 1212.416 # |
| -----                       |                 |        |       |          |          |          |            |

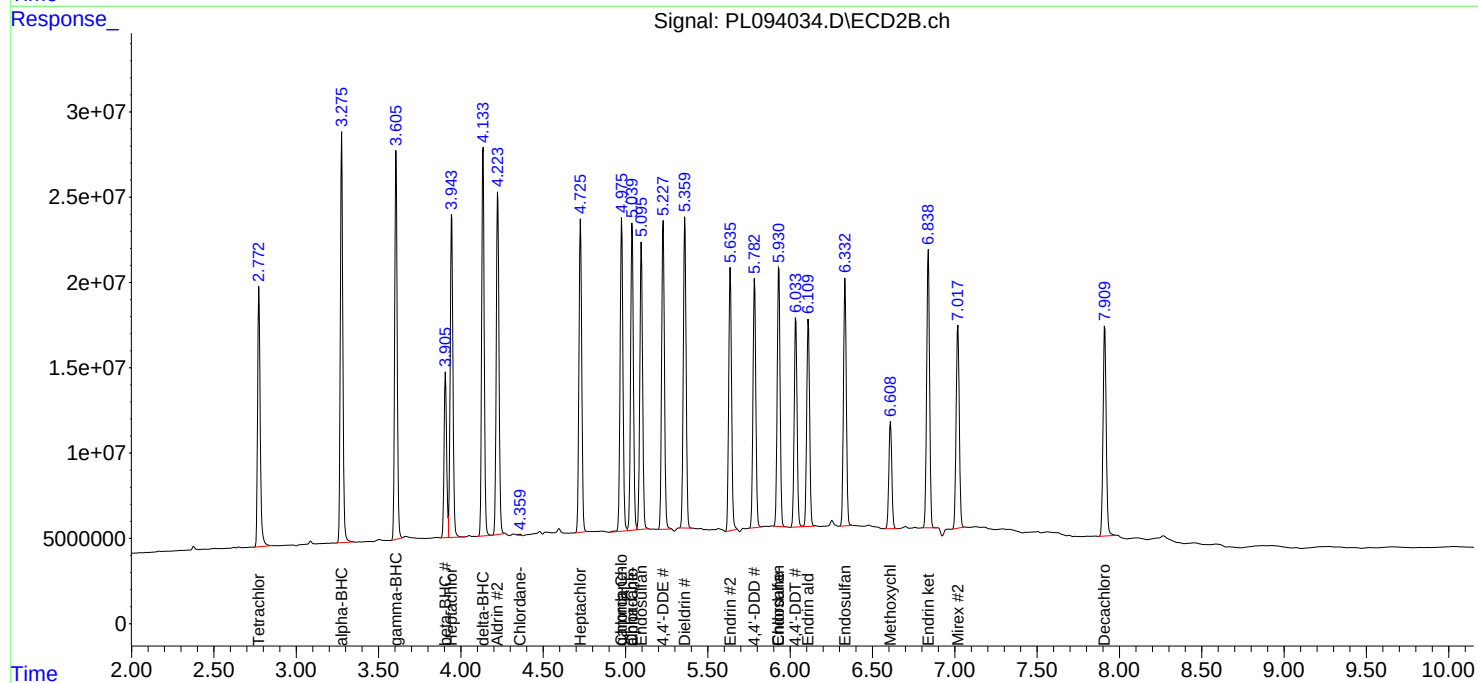
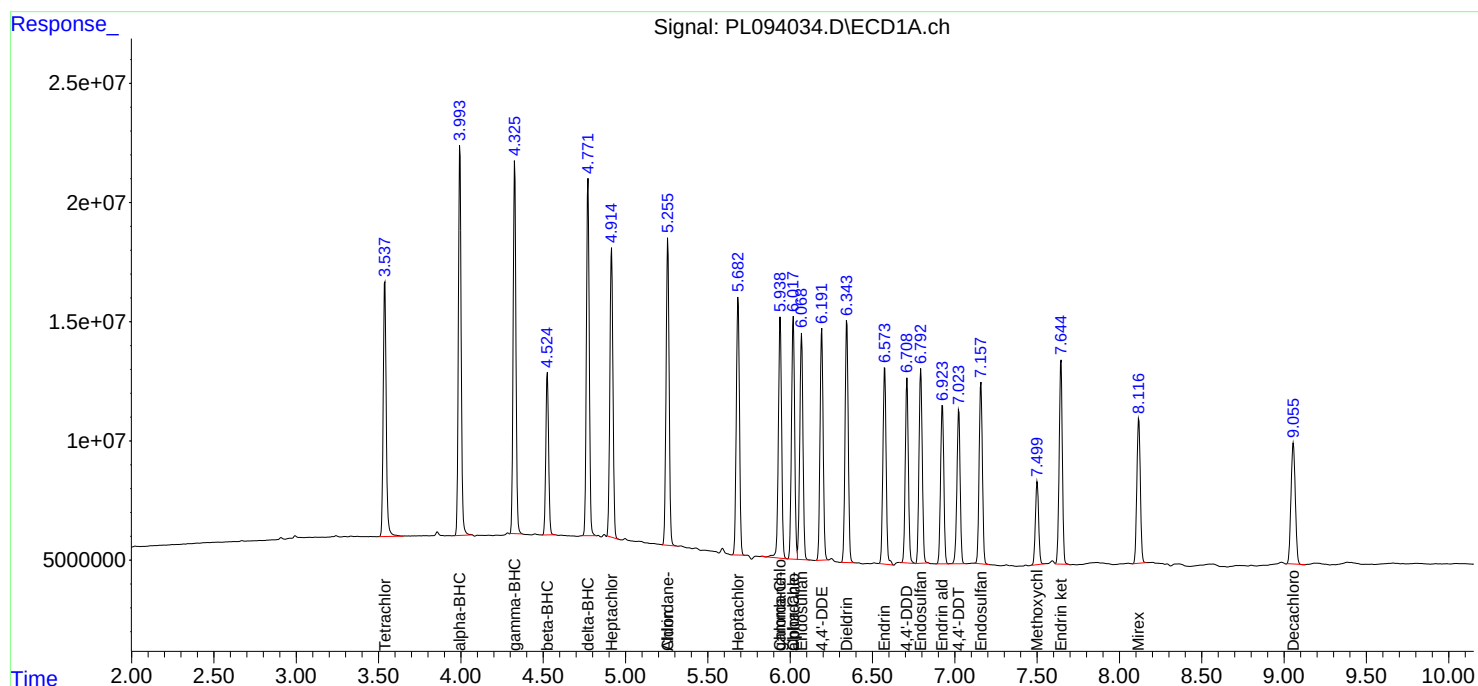
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

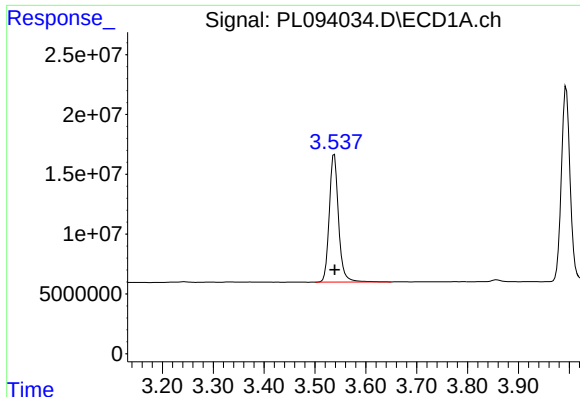
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020325\  
Data File : PL094034.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2025 01:46  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 04 05:13:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 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

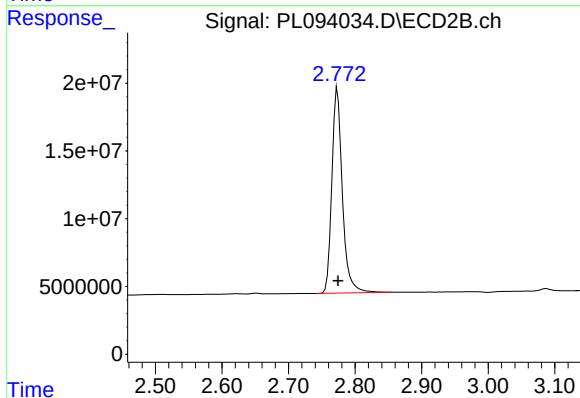




#1 Tetrachloro-m-xylene

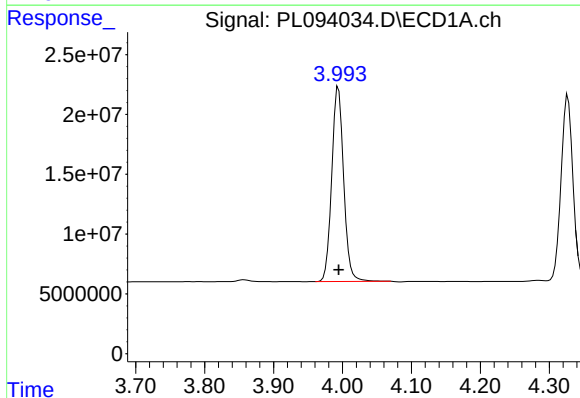
R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 135283428  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



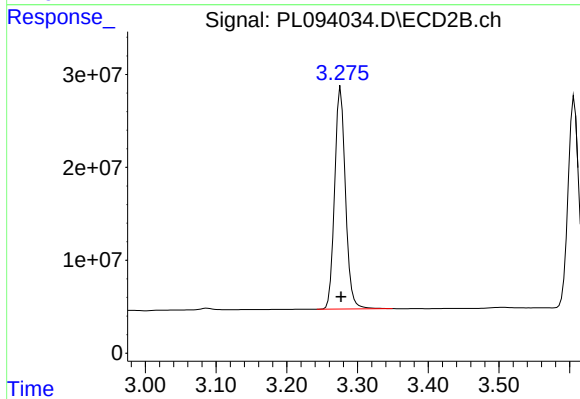
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: 0.000 min  
Response: 166722136  
Conc: 51.08 ng/ml



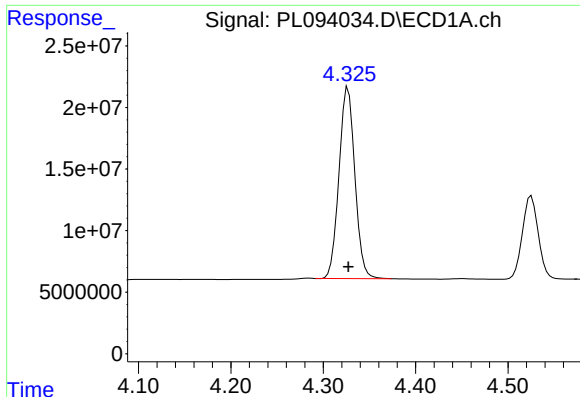
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 195424102  
Conc: 50.97 ng/ml



#2 alpha-BHC

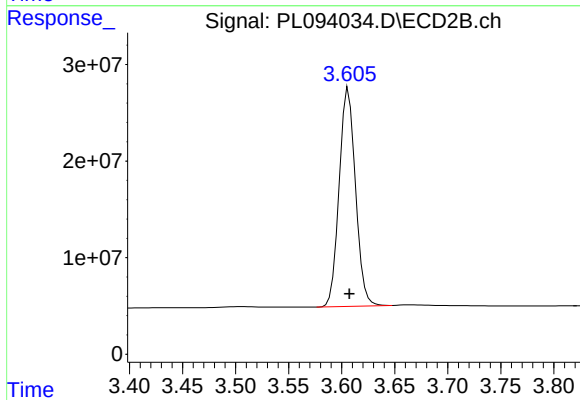
R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 254170871  
Conc: 51.99 ng/ml



#3 gamma-BHC (Lindane)

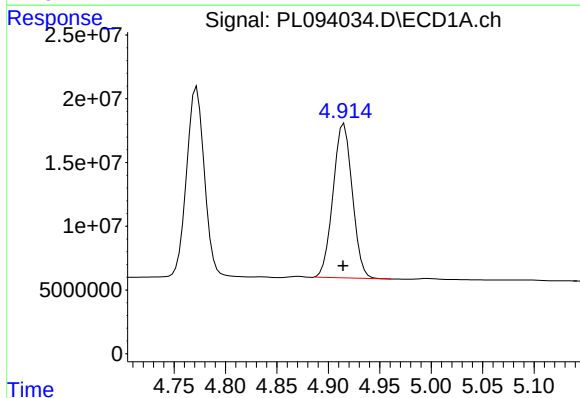
R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 185444551  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



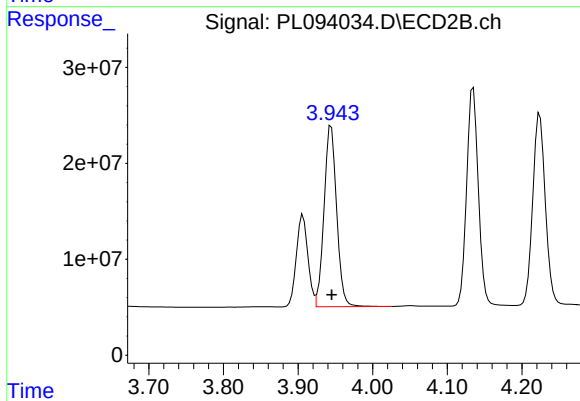
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 242055069  
Conc: 51.05 ng/ml



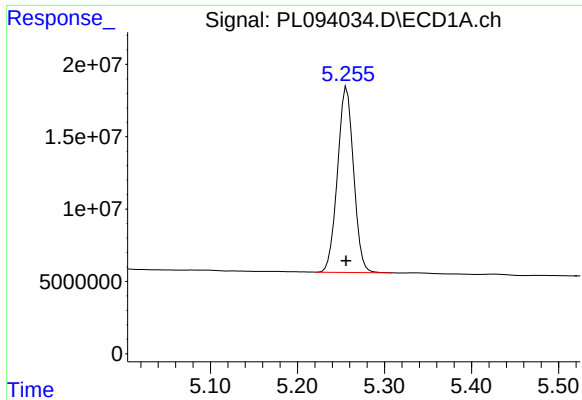
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 156890699  
Conc: 47.87 ng/ml



#4 Heptachlor

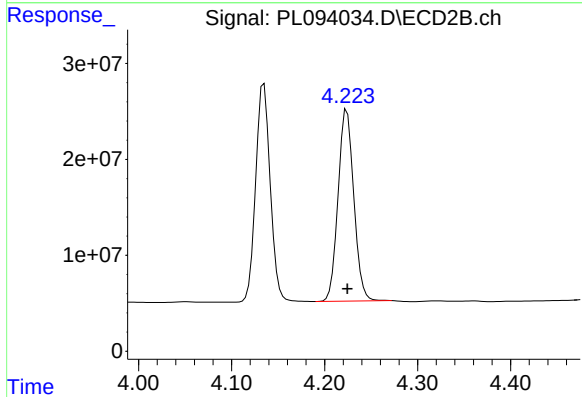
R.T.: 3.944 min  
Delta R.T.: 0.000 min  
Response: 221127396  
Conc: 47.51 ng/ml



#5 Aldrin

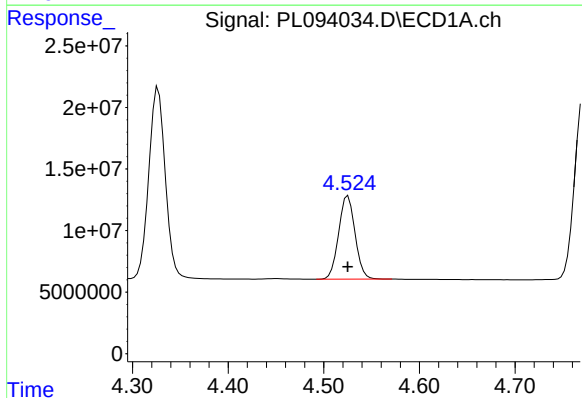
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 164771475  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



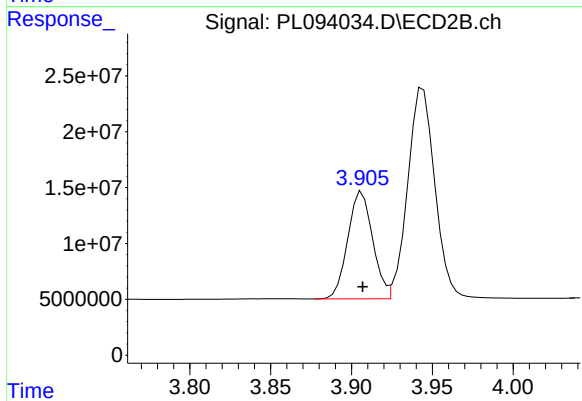
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 234889930  
Conc: 51.49 ng/ml



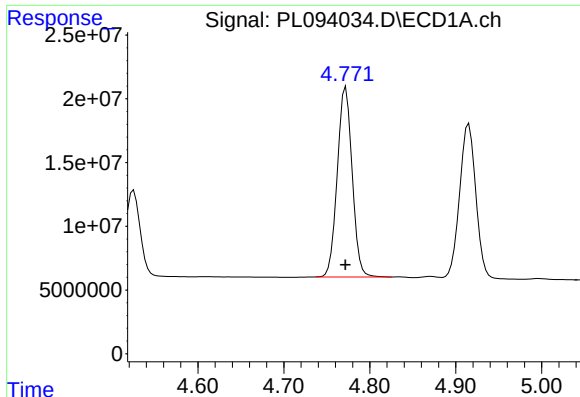
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 80876682  
Conc: 50.32 ng/ml



#6 beta-BHC

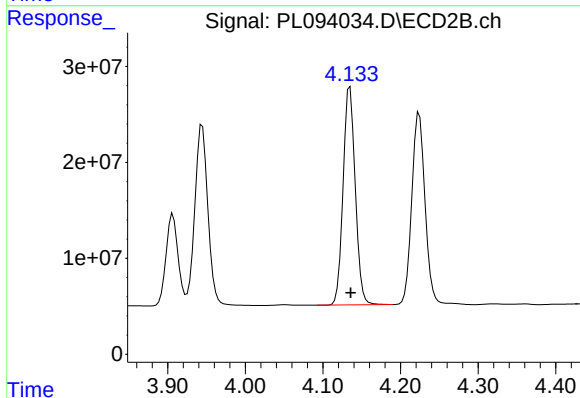
R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 103025679  
Conc: 51.58 ng/ml



#7 delta-BHC

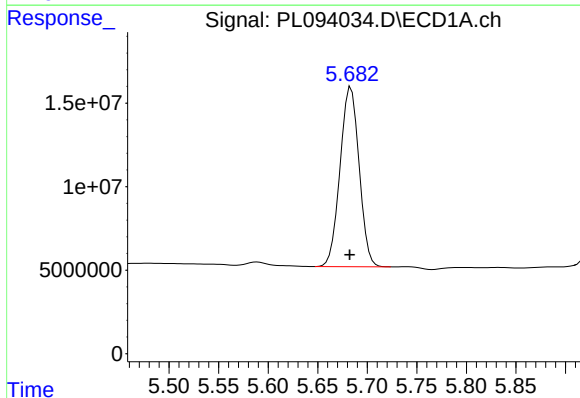
R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 179070456  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



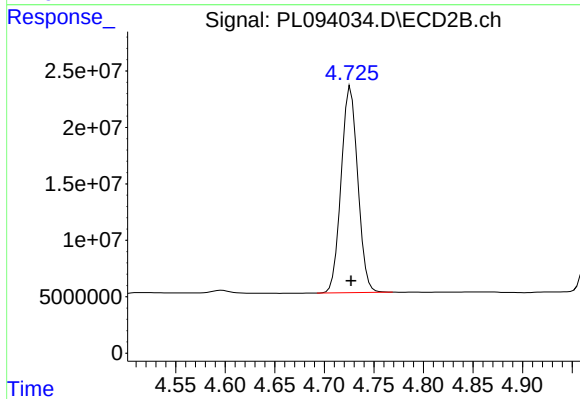
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 247685978  
Conc: 52.13 ng/ml



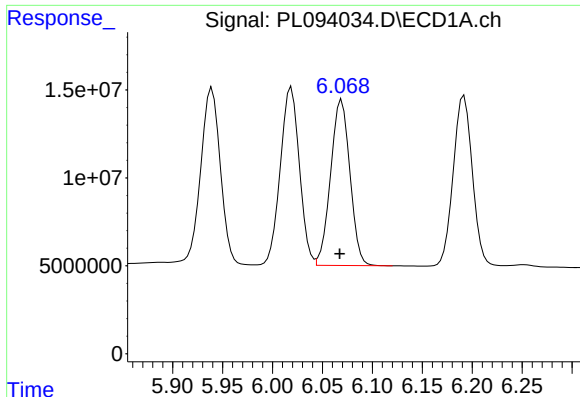
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.001 min  
Response: 143989734  
Conc: 48.42 ng/ml



#8 Heptachlor epoxide

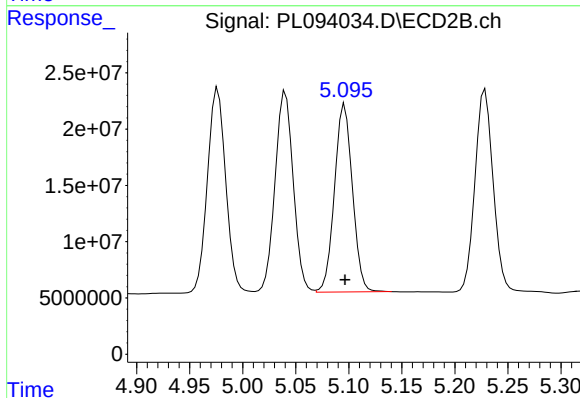
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 213148162  
Conc: 50.99 ng/ml



#9 Endosulfan I

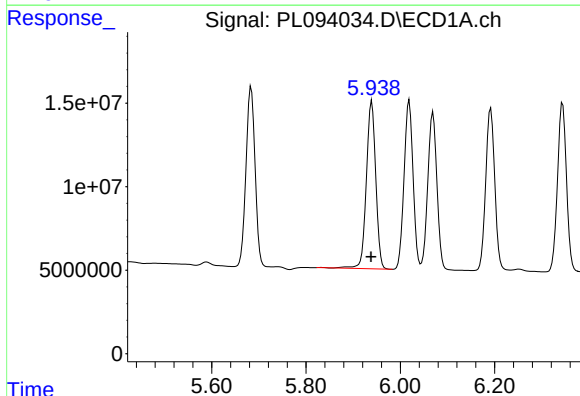
R.T.: 6.069 min  
Delta R.T.: 0.002 min  
Response: 126889314  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



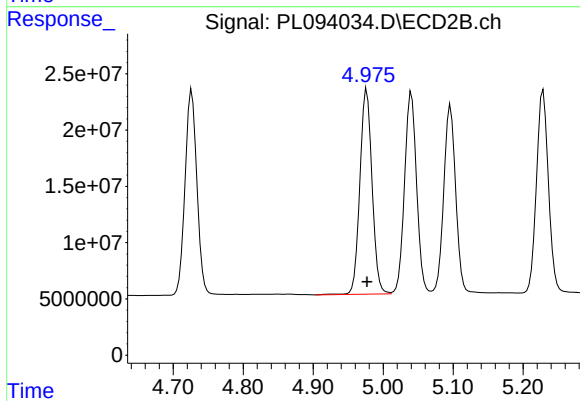
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 196776226  
Conc: 50.76 ng/ml



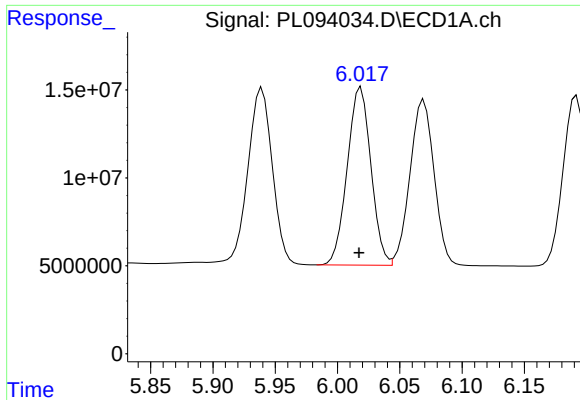
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.001 min  
Response: 139035089  
Conc: 49.88 ng/ml



#10 gamma-Chlordane

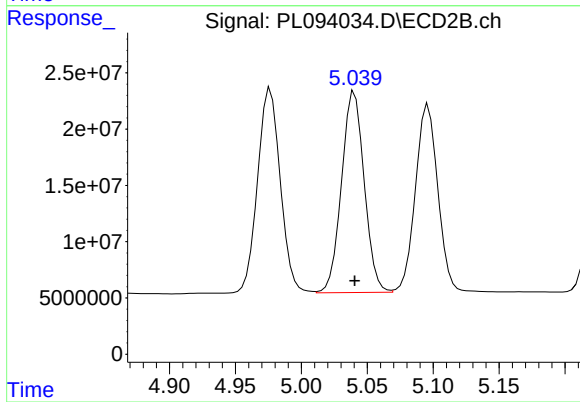
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 220158257  
Conc: 51.95 ng/ml



#11 alpha-Chlordane

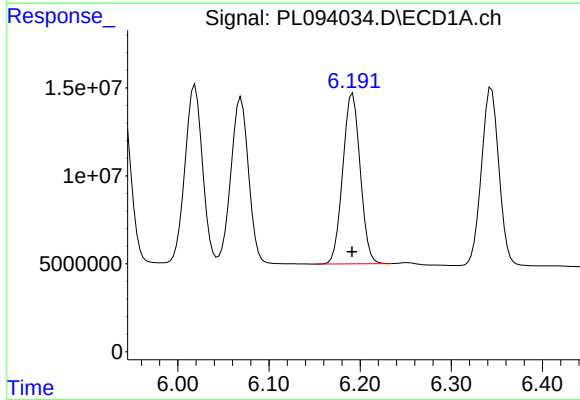
R.T.: 6.019 min  
Delta R.T.: 0.002 min  
Response: 134520096  
Conc: 48.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



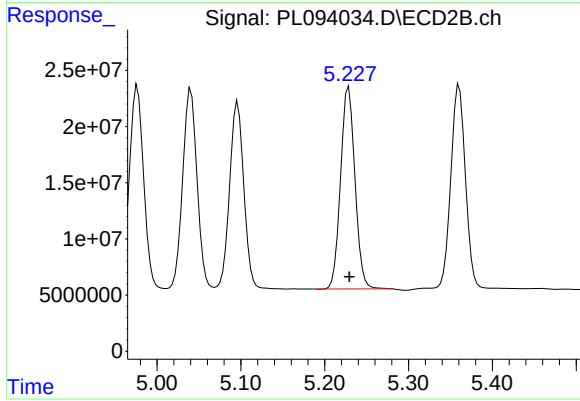
#11 alpha-Chlordane

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 213877590  
Conc: 51.09 ng/ml



#12 4,4'-DDE

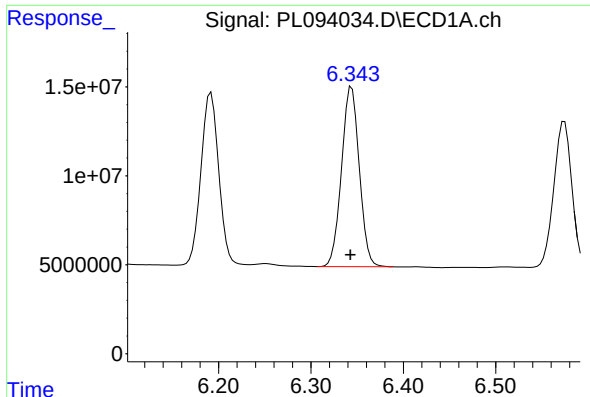
R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 128726881  
Conc: 52.87 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 214783942  
Conc: 53.57 ng/ml

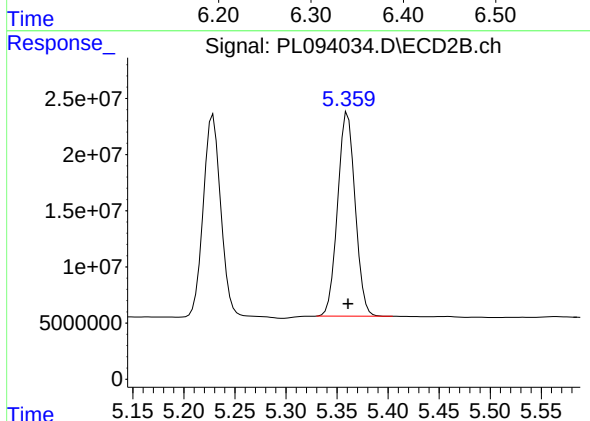




#13 Dieldrin

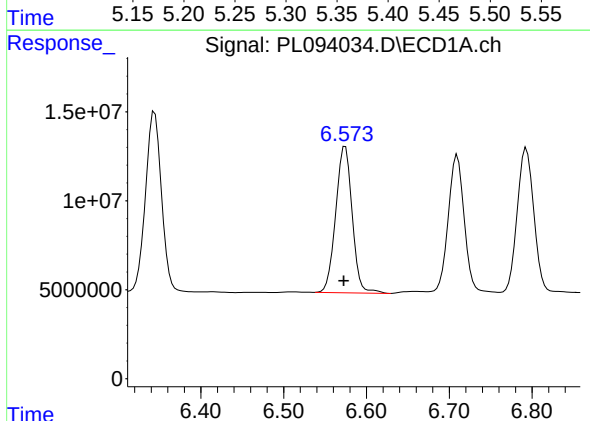
R.T.: 6.344 min  
Delta R.T.: 0.001 min  
Response: 134962890  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



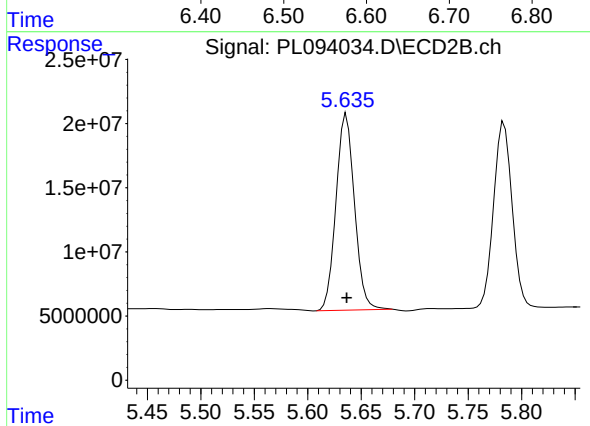
#13 Dieldrin

R.T.: 5.360 min  
Delta R.T.: 0.000 min  
Response: 217043053  
Conc: 50.53 ng/ml



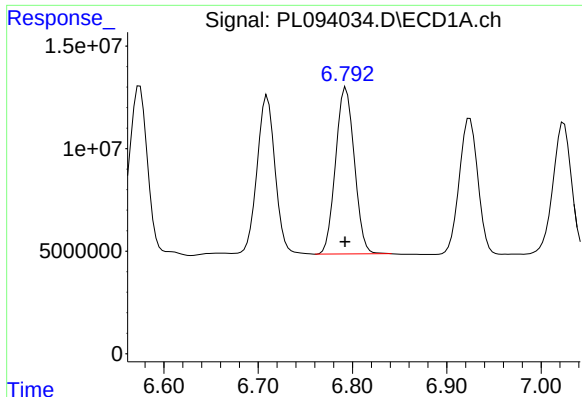
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.002 min  
Response: 113895437  
Conc: 48.57 ng/ml



#14 Endrin

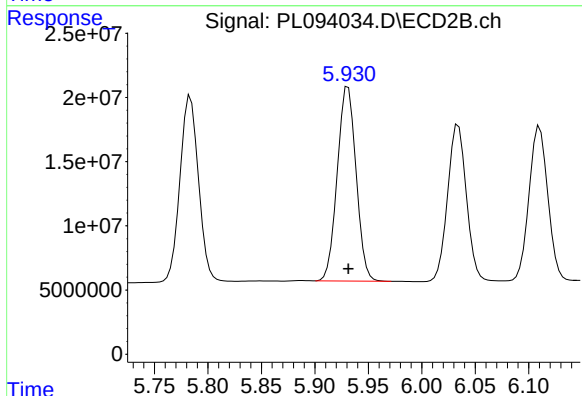
R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 184746406  
Conc: 50.03 ng/ml



#15 Endosulfan II

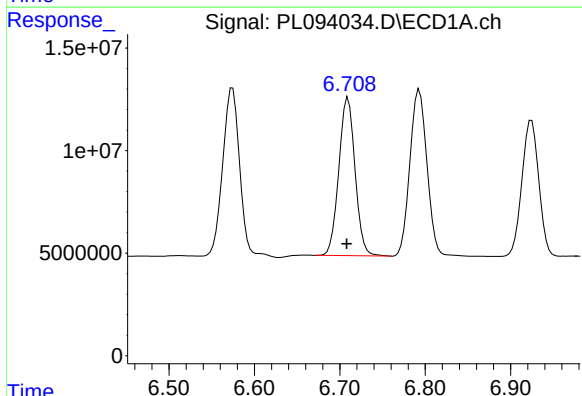
R.T.: 6.793 min  
Delta R.T.: 0.001 min  
Response: 112242839  
Conc: 46.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



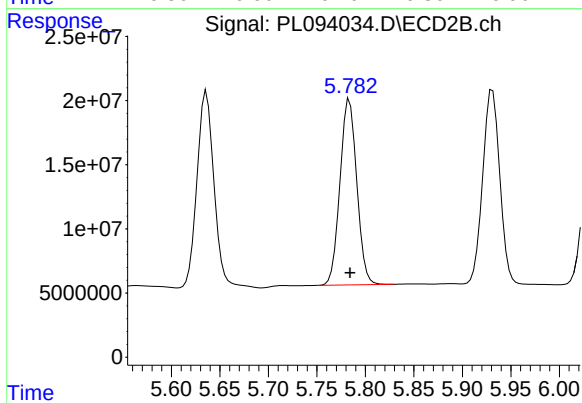
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 185697059  
Conc: 50.14 ng/ml



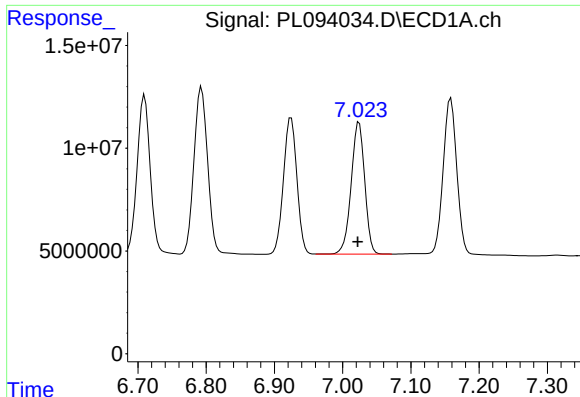
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.002 min  
Response: 101956934  
Conc: 53.65 ng/ml



#16 4,4'-DDD

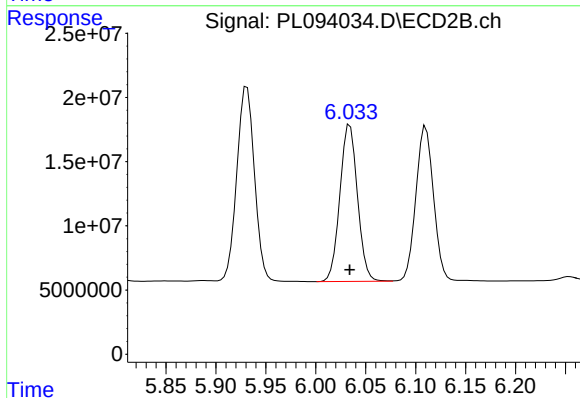
R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 174727273  
Conc: 55.35 ng/ml



#17 4,4'-DDT

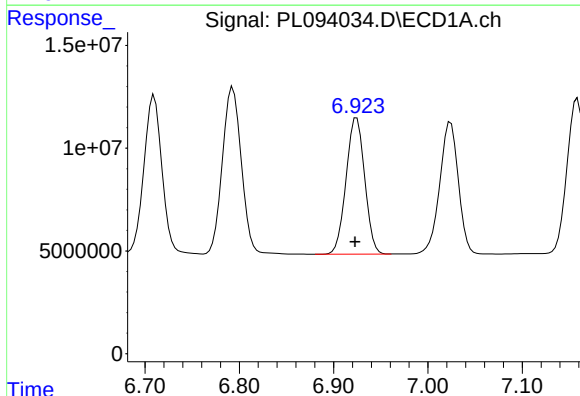
R.T.: 7.024 min  
Delta R.T.: 0.002 min  
Response: 88484371  
Conc: 44.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



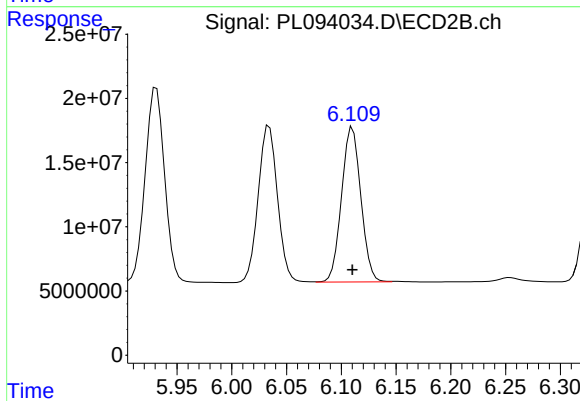
#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 150170784  
Conc: 46.15 ng/ml



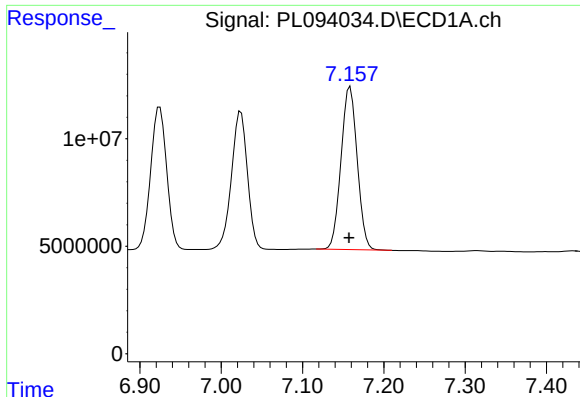
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.002 min  
Response: 91169501  
Conc: 46.90 ng/ml



#18 Endrin aldehyde

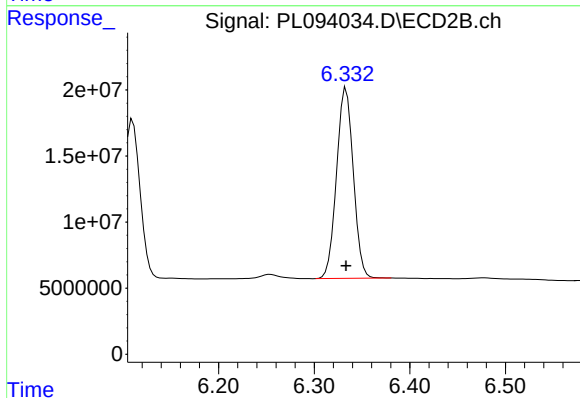
R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 147927911  
Conc: 48.59 ng/ml



#19 Endosulfan Sulfate

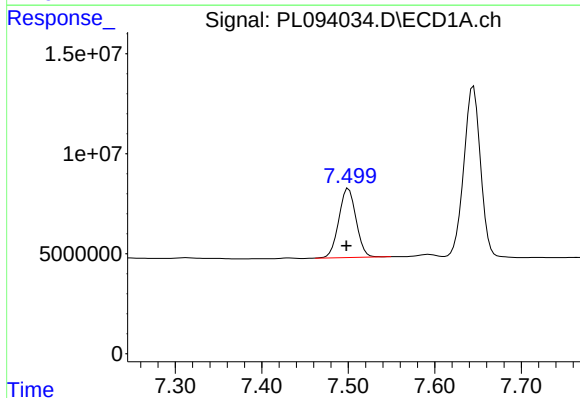
R.T.: 7.159 min  
Delta R.T.: 0.001 min  
Response: 104465756  
Conc: 46.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



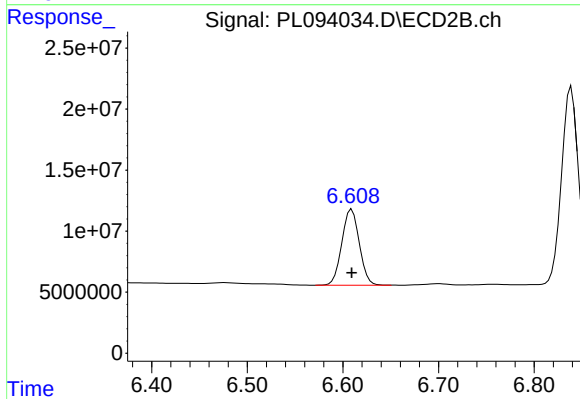
#19 Endosulfan Sulfate

R.T.: 6.333 min  
Delta R.T.: 0.000 min  
Response: 175766329  
Conc: 49.29 ng/ml



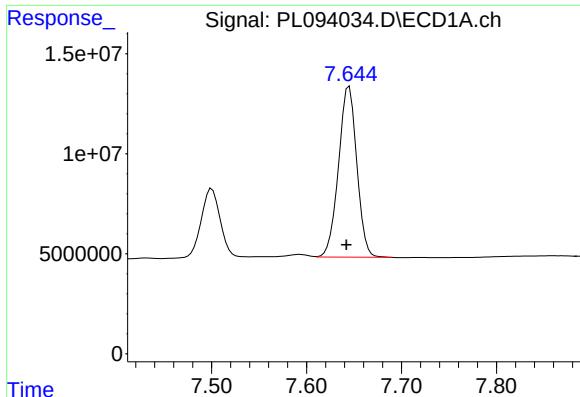
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.002 min  
Response: 47690118  
Conc: 45.71 ng/ml



#20 Methoxychlor

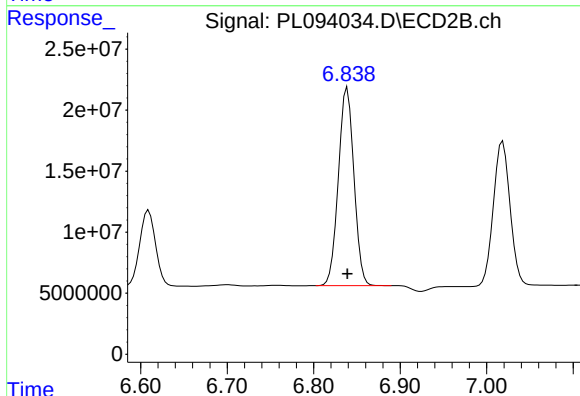
R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 79242926  
Conc: 44.32 ng/ml



#21 Endrin ketone

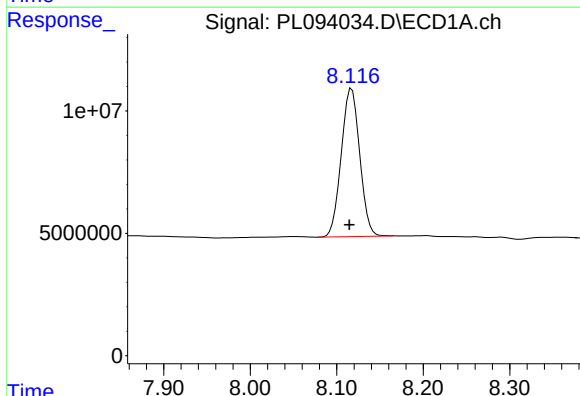
R.T.: 7.645 min  
Delta R.T.: 0.003 min  
Response: 114385038  
Conc: 45.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



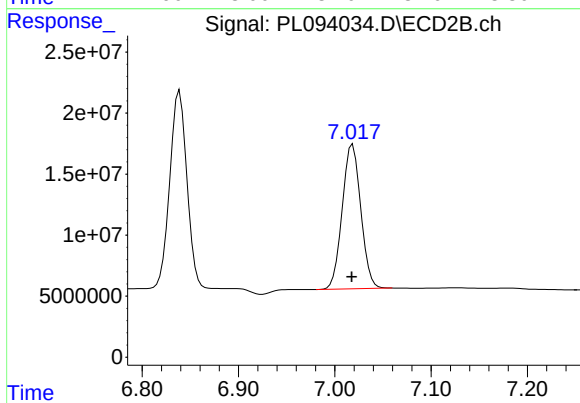
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 201323703  
Conc: 47.99 ng/ml



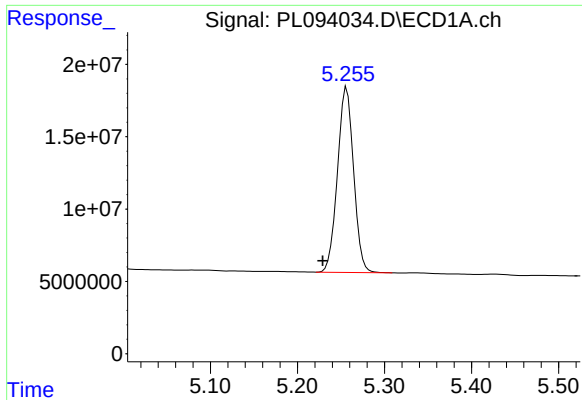
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.003 min  
Response: 89209780  
Conc: 42.84 ng/ml



#22 Mirex

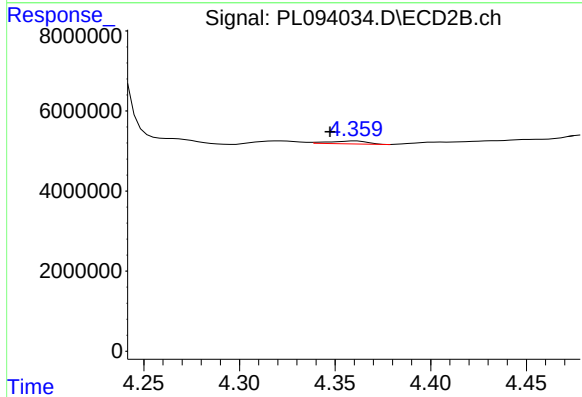
R.T.: 7.019 min  
Delta R.T.: 0.001 min  
Response: 158213893  
Conc: 46.78 ng/ml



#24 Chlordane-2

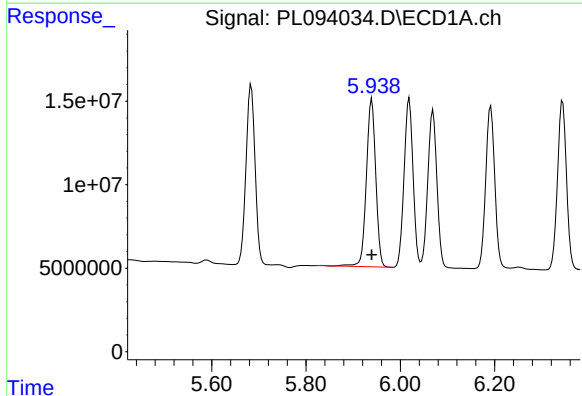
R.T.: 5.257 min  
Delta R.T.: 0.028 min  
Response: 164771475  
Conc: 1407.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



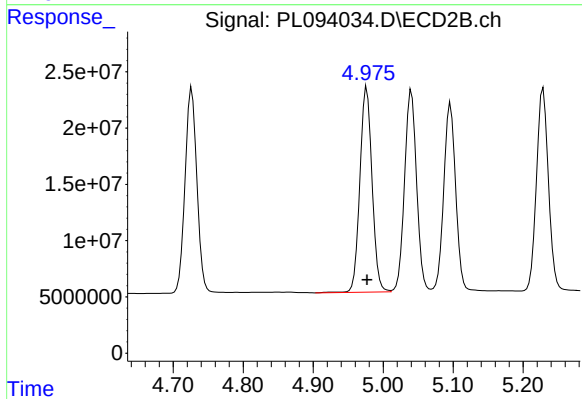
#24 Chlordane-2

R.T.: 4.361 min  
Delta R.T.: 0.013 min  
Response: 1003352  
Conc: 6.84 ng/ml



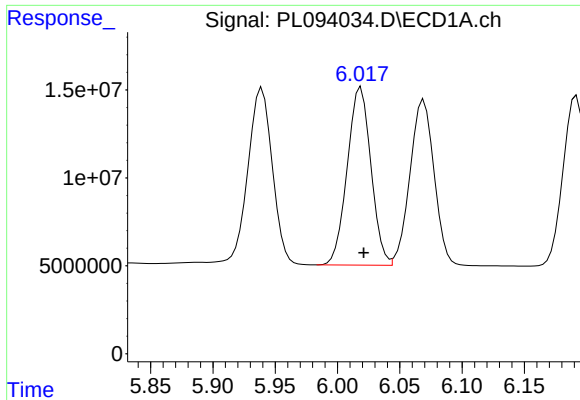
#25 Chlordane-3

R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 139035089  
Conc: 354.44 ng/ml



#25 Chlordane-3

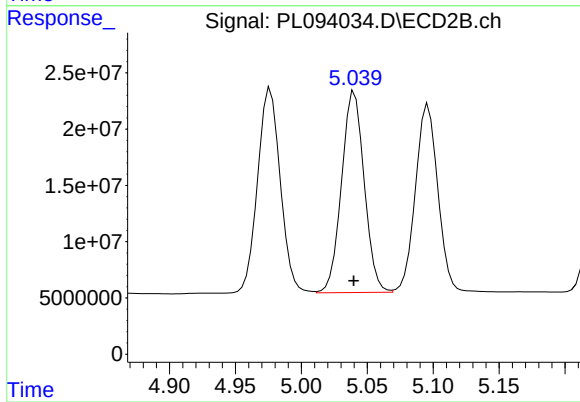
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 220158257  
Conc: 506.32 ng/ml



#26 Chlordane-4

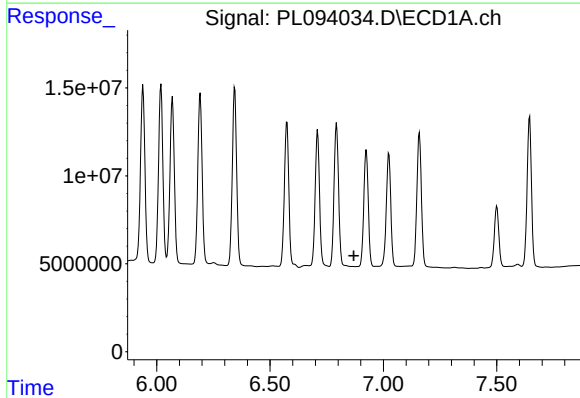
R.T.: 6.019 min  
Delta R.T.: -0.002 min  
Response: 134520096  
Conc: 286.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



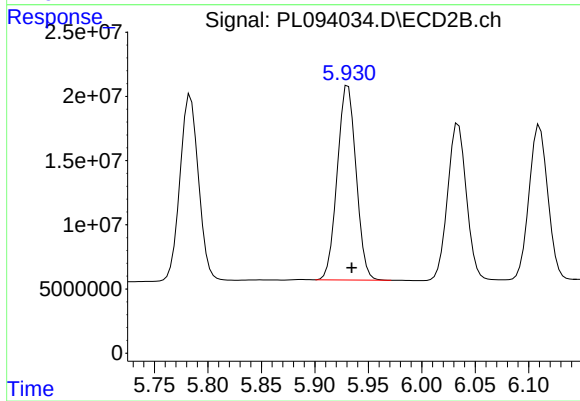
#26 Chlordane-4

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 213877590  
Conc: 504.82 ng/ml



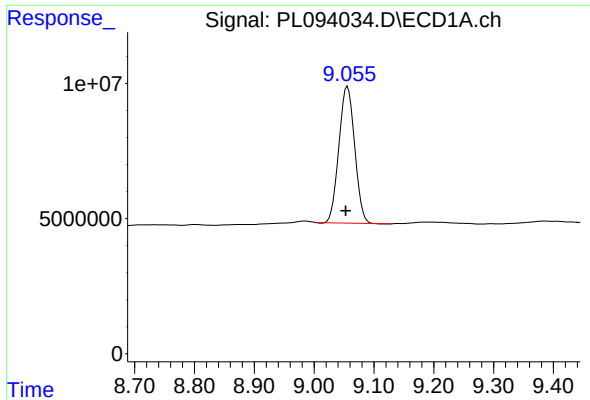
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.870 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

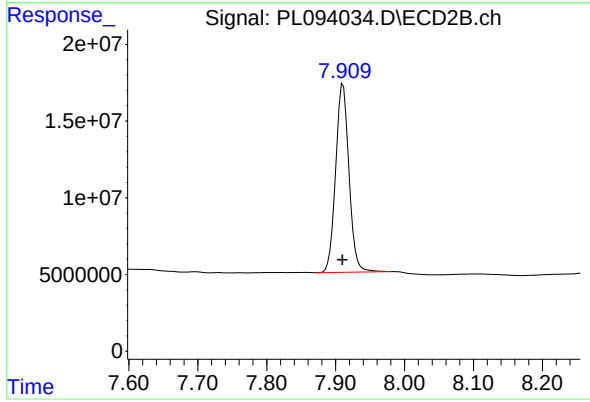
R.T.: 5.931 min  
Delta R.T.: -0.003 min  
Response: 185697059  
Conc: 1212.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.003 min  
Response: 92457670  
Conc: 44.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: 0.000 min  
Response: 164928082  
Conc: 47.07 ng/ml