

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013025\  
 Data File : PL093919.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jan 2025 22:10  
 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: Jan 31 01:41:59 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... | 3.537  | 2.774 | 122.7E6  | 147.1E6  | 45.572   | 45.051     |
| 28)                         | SA Decachlor... | 9.053  | 7.909 | 96140493 | 153.5E6  | 45.958   | 43.818     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.993  | 3.276 | 173.9E6  | 230.6E6  | 45.371   | 47.173     |
| 3)                          | MA gamma-BHC... | 4.326  | 3.606 | 164.9E6  | 218.2E6  | 44.778   | 46.018     |
| 4)                          | MA Heptachlor   | 4.914  | 3.944 | 145.6E6  | 209.2E6  | 44.421   | 44.951     |
| 5)                          | MB Aldrin       | 5.256  | 4.224 | 146.0E6  | 207.4E6  | 44.624   | 45.473     |
| 6)                          | B beta-BHC      | 4.524  | 3.906 | 74752342 | 95341425 | 46.507   | 47.732     |
| 7)                          | B delta-BHC     | 4.771  | 4.135 | 157.7E6  | 217.0E6  | 45.001   | 45.676     |
| 8)                          | B Heptachlo...  | 5.682  | 4.726 | 130.3E6  | 191.9E6  | 43.816   | 45.904     |
| 9)                          | A Endosulfan I  | 6.068  | 5.096 | 117.9E6  | 172.6E6  | 44.625   | 44.517     |
| 10)                         | B gamma-Chl...  | 5.938  | 4.976 | 127.9E6  | 203.6E6  | 45.875   | 48.046     |
| 11)                         | B alpha-Chl...  | 6.017  | 5.040 | 126.9E6  | 198.6E6  | 45.527   | 47.426     |
| 12)                         | B 4,4'-DDE      | 6.191  | 5.229 | 117.4E6  | 197.8E6  | 48.225   | 49.330     |
| 13)                         | MA Dieldrin     | 6.342  | 5.360 | 123.5E6  | 198.1E6  | 44.478   | 46.110     |
| 14)                         | MA Endrin       | 6.572  | 5.636 | 98277348 | 156.3E6  | 41.913   | 42.333     |
| 15)                         | B Endosulfa...  | 6.793  | 5.930 | 106.8E6  | 174.2E6  | 44.320   | 47.021     |
| 16)                         | A 4,4'-DDD      | 6.709  | 5.784 | 99130335 | 169.9E6  | 52.158   | 53.828     |
| 17)                         | MA 4,4'-DDT     | 7.022  | 6.033 | 81731966 | 135.0E6  | 41.445   | 41.502     |
| 18)                         | B Endrin al...  | 6.923  | 6.109 | 85618219 | 135.4E6  | 44.041   | 44.471     |
| 19)                         | B Endosulfa...  | 7.157  | 6.332 | 98314021 | 163.2E6  | 43.430   | 45.770     |
| 20)                         | A Methoxychlor  | 7.498  | 6.608 | 44325382 | 69242671 | 42.482   | 38.723     |
| 21)                         | B Endrin ke...  | 7.642  | 6.838 | 115.0E6  | 192.8E6  | 45.599   | 45.968     |
| 22)                         | Mirex           | 8.115  | 7.018 | 87234125 | 141.8E6  | 41.889   | 41.921     |
| 24)                         | Chlordane-2     | 5.256f | 4.363 | 146.0E6  | 4385048  | 1247.079 | 29.887 #   |
| 25)                         | Chlordane-3     | 5.938  | 4.976 | 127.9E6  | 203.6E6  | 325.978  | 468.239 #  |
| 26)                         | Chlordane-4     | 6.017  | 5.040 | 126.9E6  | 198.6E6  | 270.038  | 468.649 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.930 | 0        | 174.2E6  | N.D.     | 1137.067 # |
| -----                       |                 |        |       |          |          |          |            |

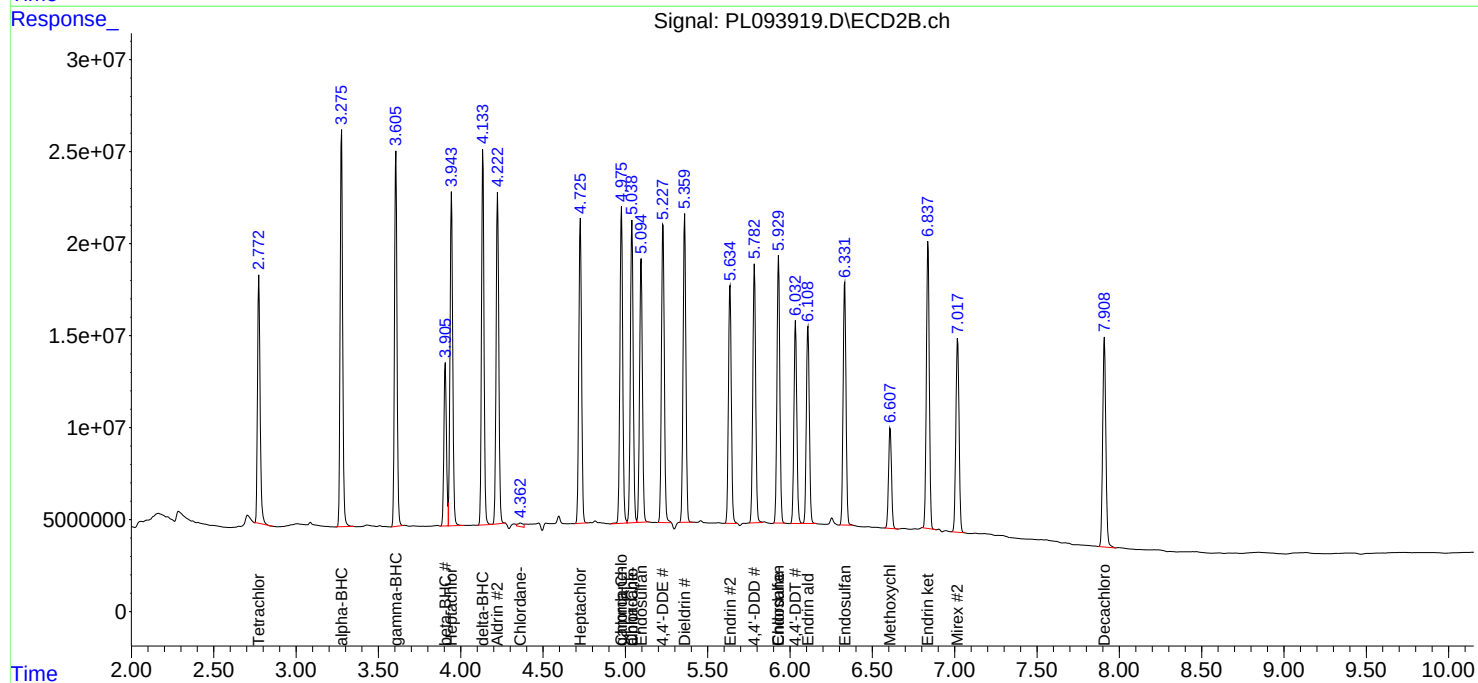
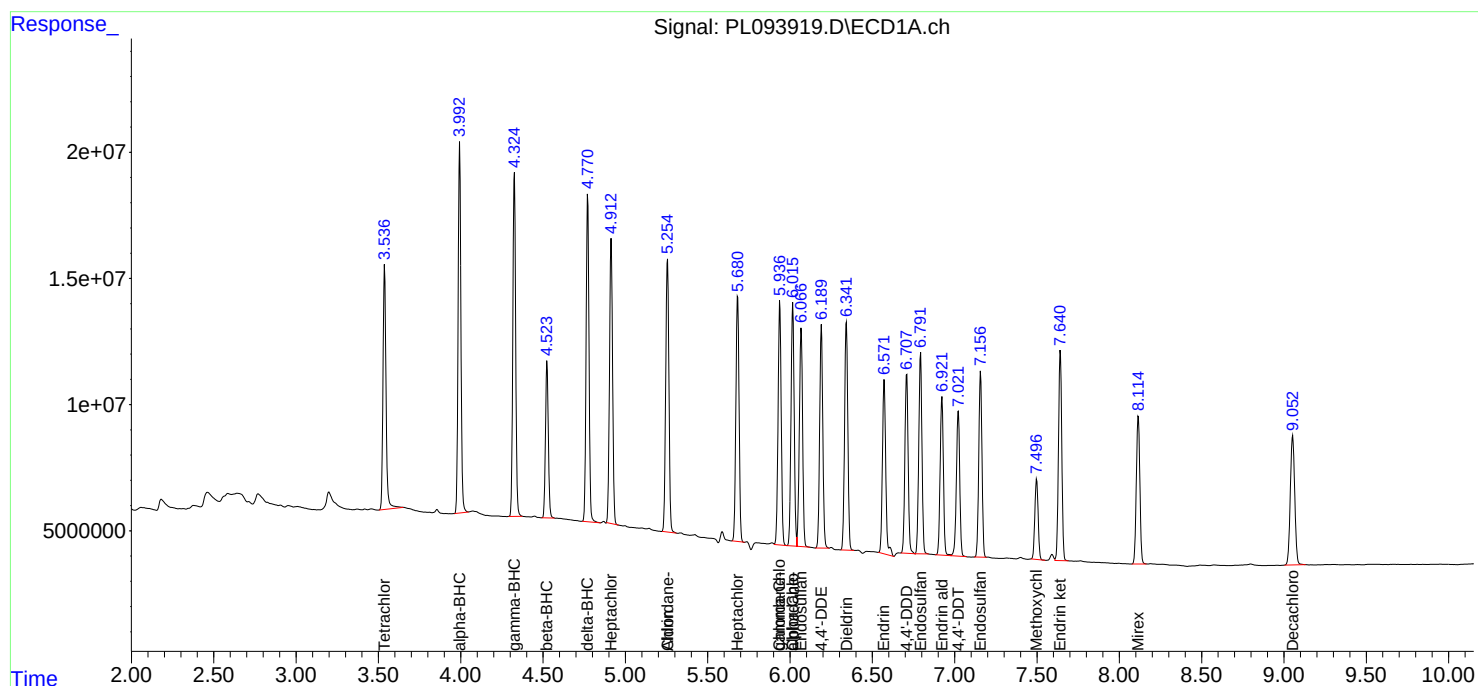
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

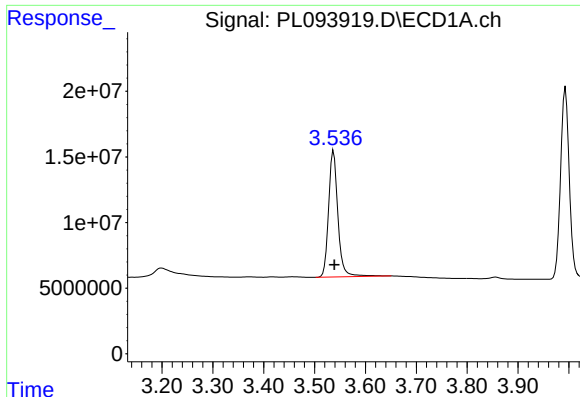
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013025\  
Data File : PL093919.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jan 2025 22:10  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 31 01:41:59 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

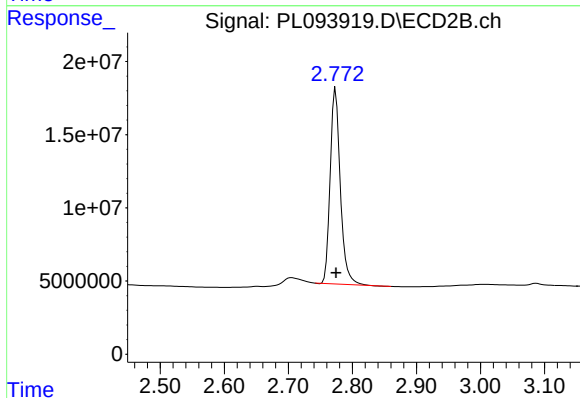




#1 Tetrachloro-m-xylene

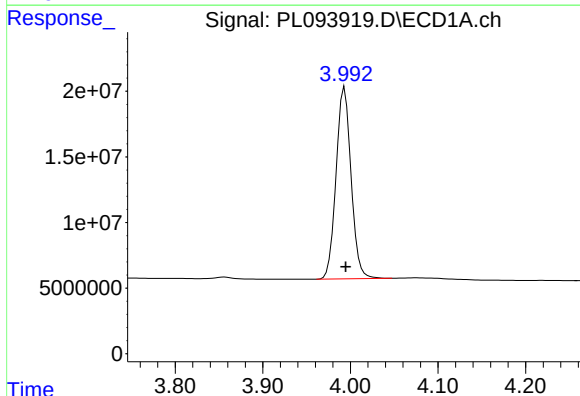
R.T.: 3.537 min  
Delta R.T.: -0.002 min  
Response: 122713922  
Conc: 45.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



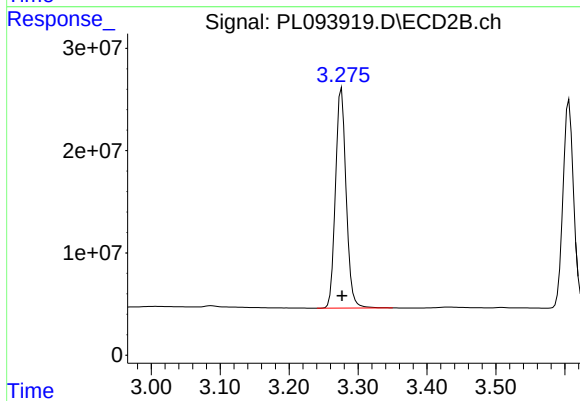
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 147054265  
Conc: 45.05 ng/ml



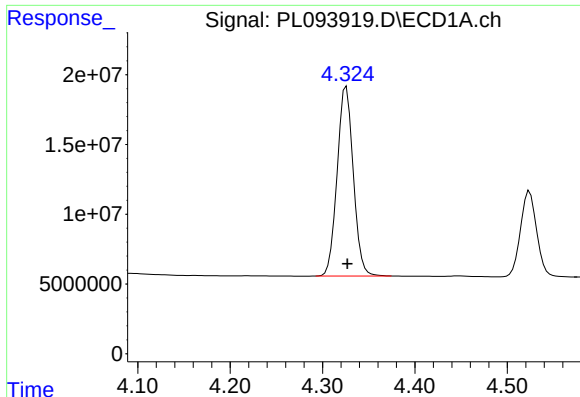
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.001 min  
Response: 173944127  
Conc: 45.37 ng/ml



#2 alpha-BHC

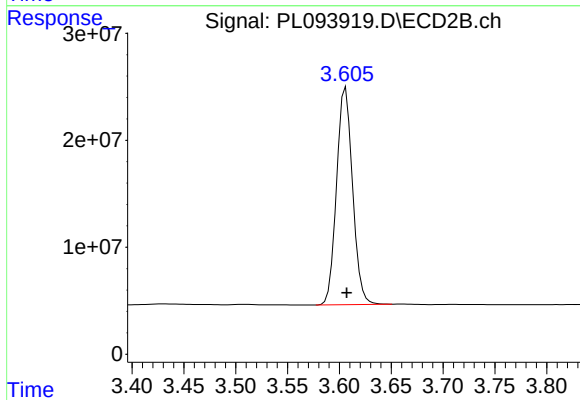
R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 230628980  
Conc: 47.17 ng/ml



#3 gamma-BHC (Lindane)

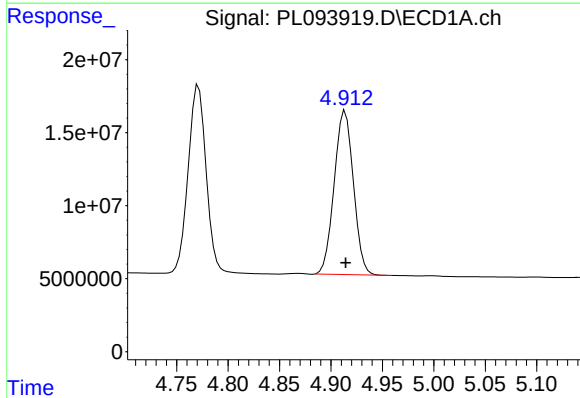
R.T.: 4.326 min  
Delta R.T.: -0.001 min  
Response: 164909077  
Conc: 44.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



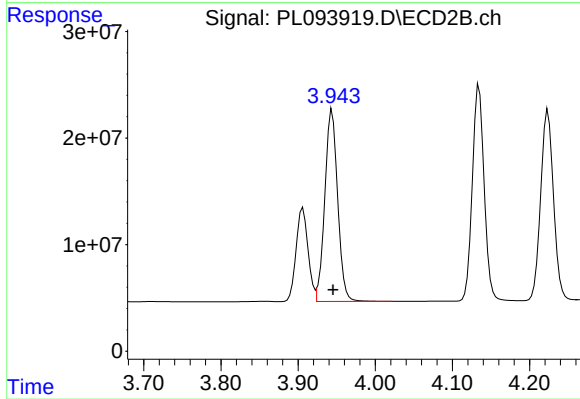
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 218183530  
Conc: 46.02 ng/ml



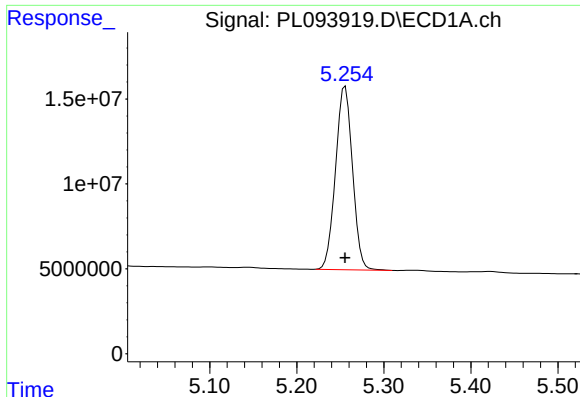
#4 Heptachlor

R.T.: 4.914 min  
Delta R.T.: 0.000 min  
Response: 145584028  
Conc: 44.42 ng/ml



#4 Heptachlor

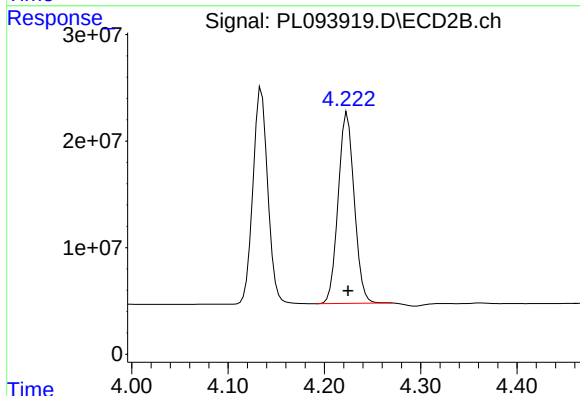
R.T.: 3.944 min  
Delta R.T.: -0.001 min  
Response: 209237622  
Conc: 44.95 ng/ml



#5 Aldrin

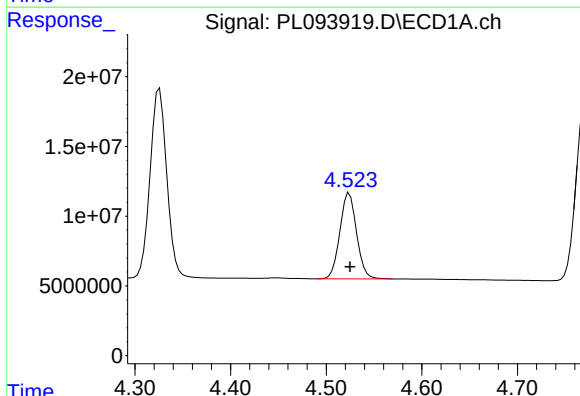
R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 146008886  
Conc: 44.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



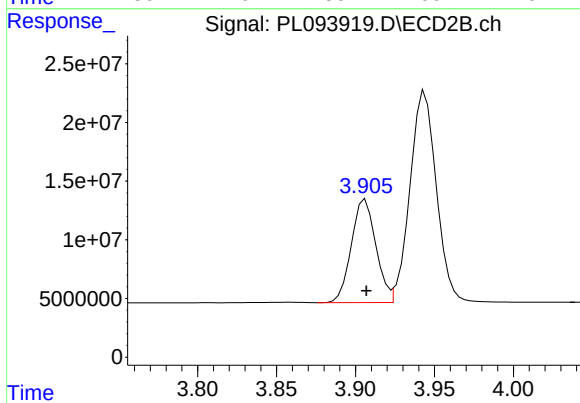
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 207438513  
Conc: 45.47 ng/ml



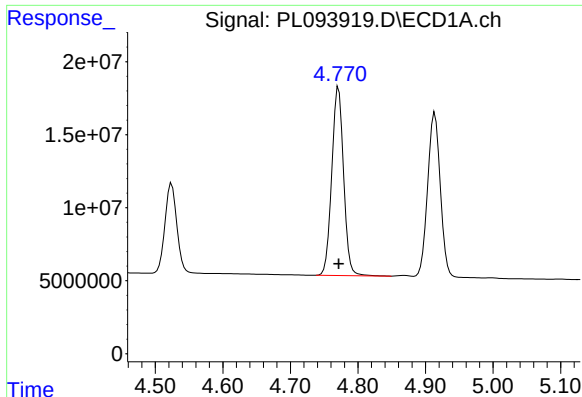
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: -0.001 min  
Response: 74752342  
Conc: 46.51 ng/ml



#6 beta-BHC

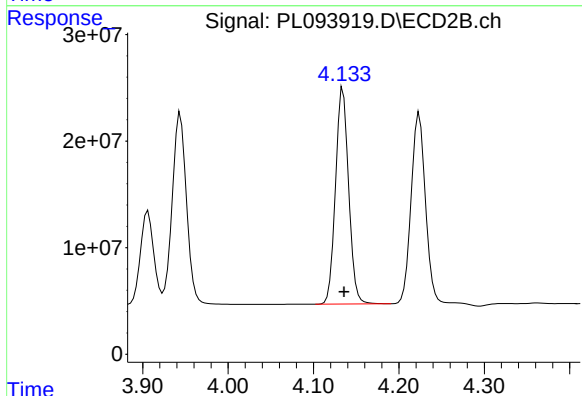
R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 95341425  
Conc: 47.73 ng/ml



#7 delta-BHC

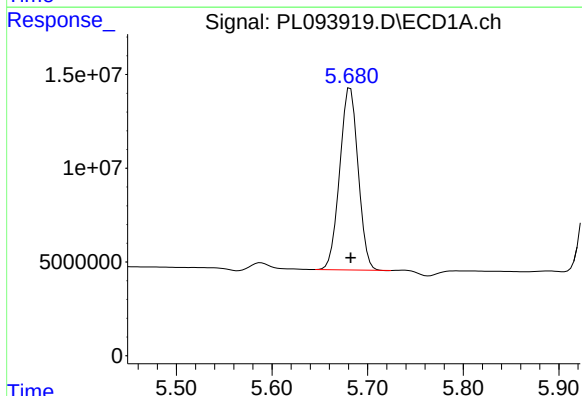
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 157742210  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



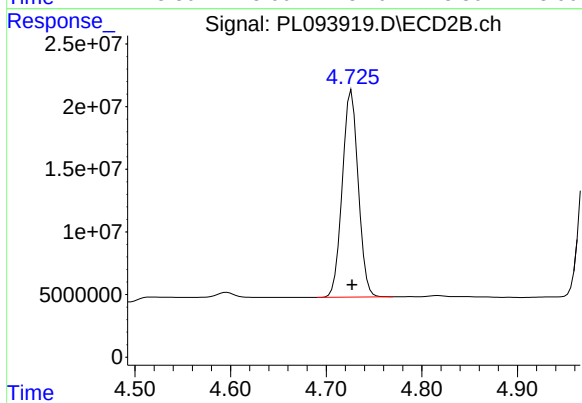
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: -0.001 min  
Response: 217018755  
Conc: 45.68 ng/ml



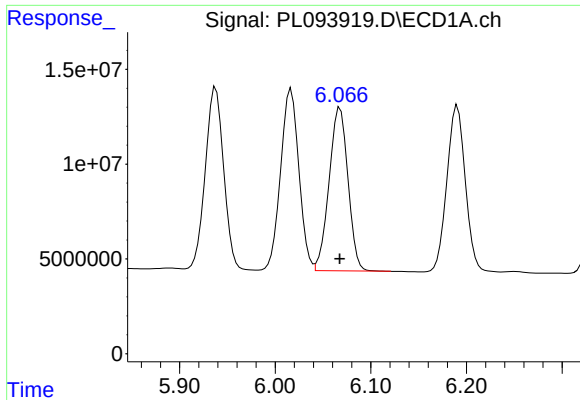
#8 Heptachlor epoxide

R.T.: 5.682 min  
Delta R.T.: 0.000 min  
Response: 130302541  
Conc: 43.82 ng/ml



#8 Heptachlor epoxide

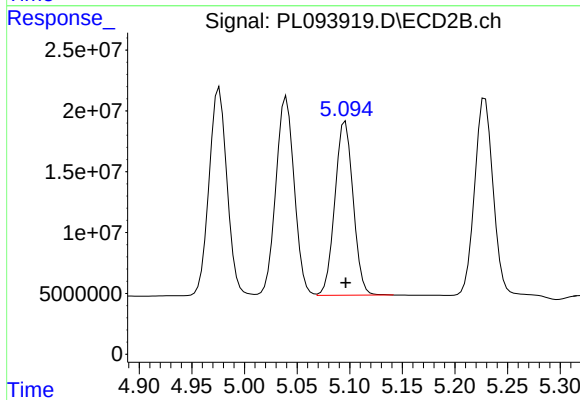
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 191892065  
Conc: 45.90 ng/ml



#9 Endosulfan I

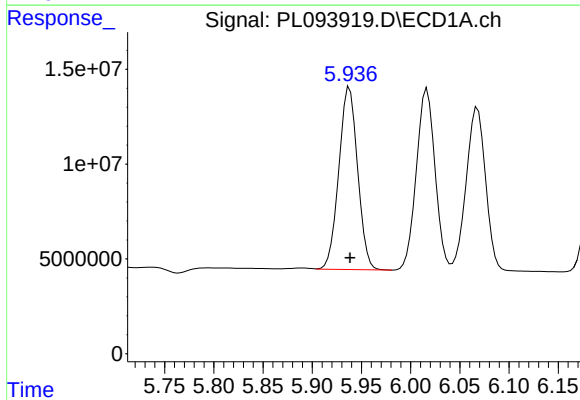
R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 117937517  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



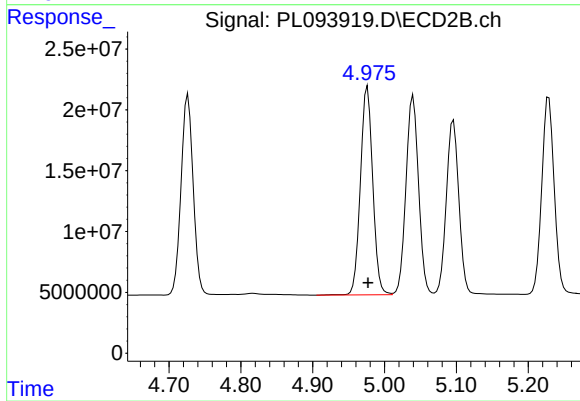
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 172589296  
Conc: 44.52 ng/ml



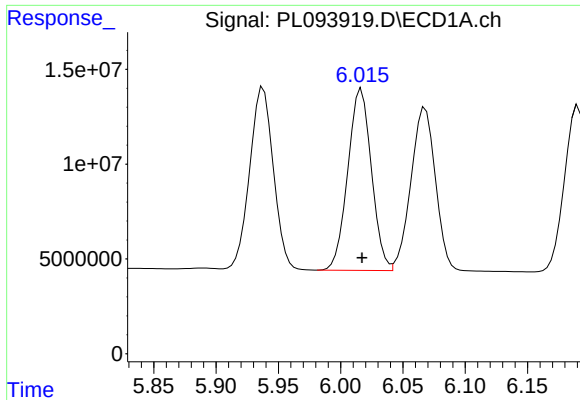
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 127869845  
Conc: 45.87 ng/ml



#10 gamma-Chlordane

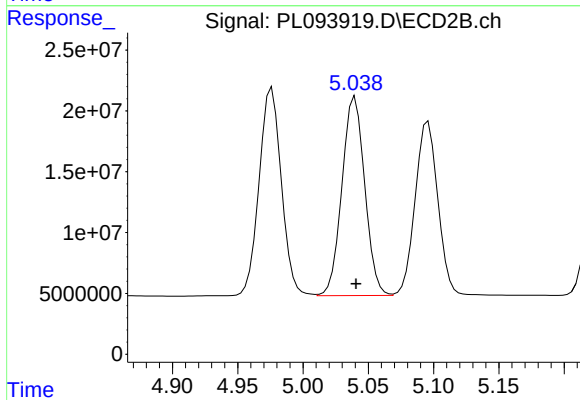
R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 203600180  
Conc: 48.05 ng/ml



#11 alpha-Chlordane

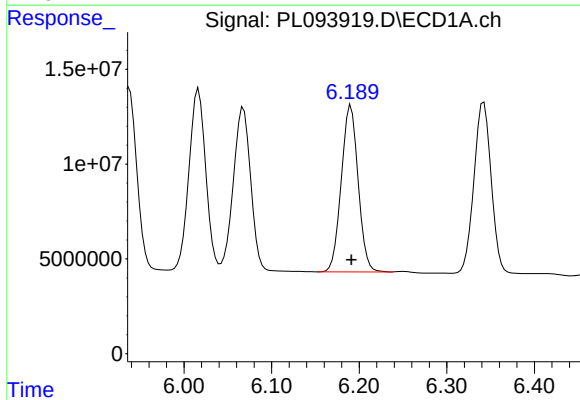
R.T.: 6.017 min  
Delta R.T.: 0.000 min  
Response: 126946491  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



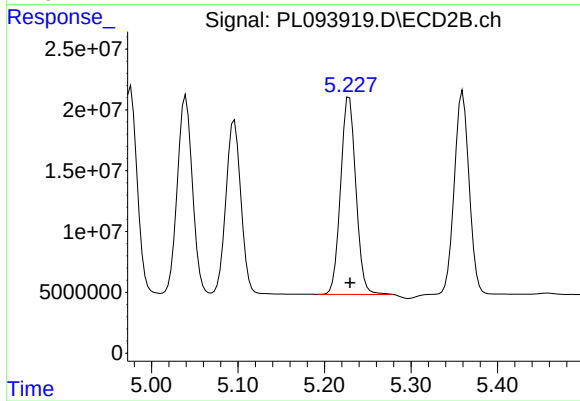
#11 alpha-Chlordane

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 198551598  
Conc: 47.43 ng/ml



#12 4,4'-DDE

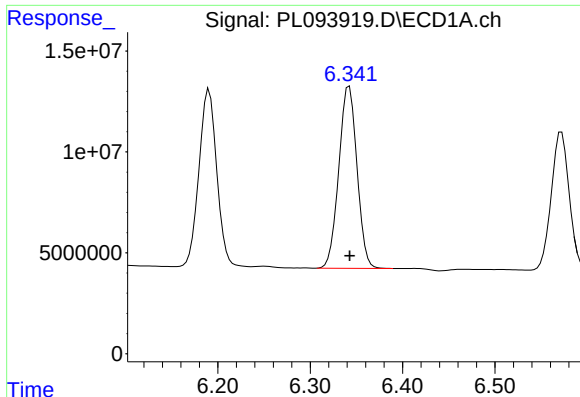
R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 117407310  
Conc: 48.22 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 197785970  
Conc: 49.33 ng/ml

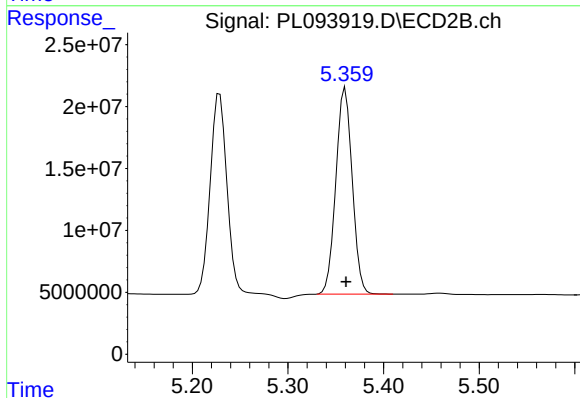




#13 Dieldrin

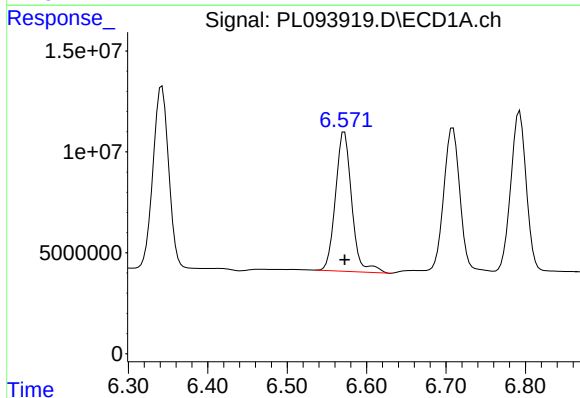
R.T.: 6.342 min  
Delta R.T.: 0.000 min  
Response: 123465204  
Conc: 44.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



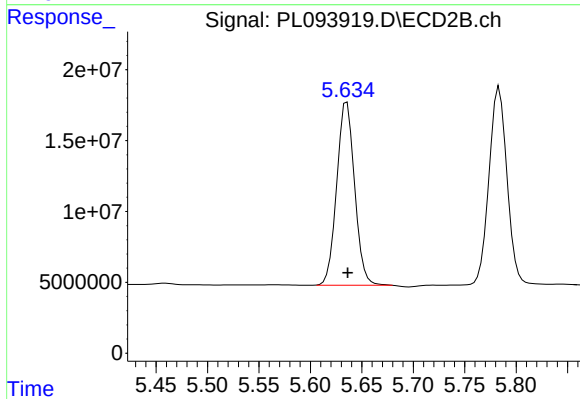
#13 Dieldrin

R.T.: 5.360 min  
Delta R.T.: 0.000 min  
Response: 198071213  
Conc: 46.11 ng/ml



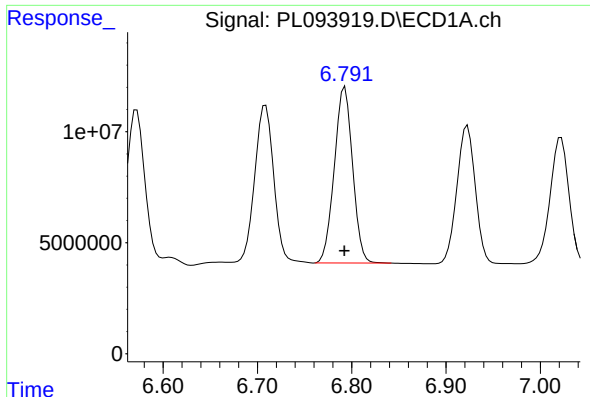
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 98277348  
Conc: 41.91 ng/ml



#14 Endrin

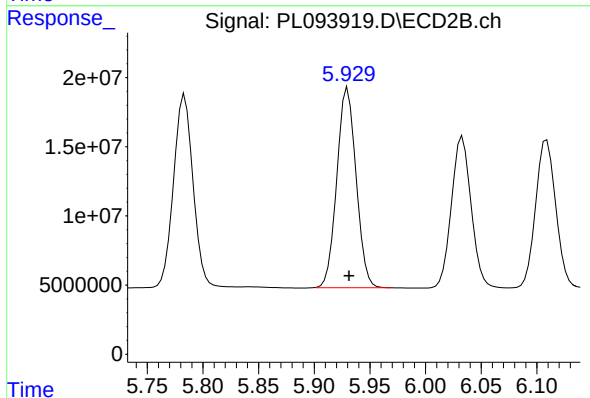
R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 156323539  
Conc: 42.33 ng/ml



#15 Endosulfan II

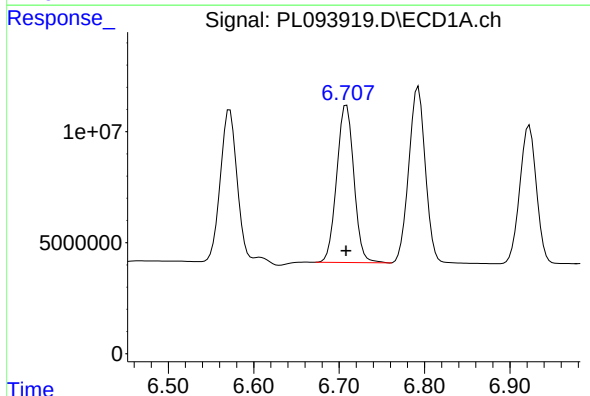
R.T.: 6.793 min  
Delta R.T.: 0.000 min  
Response: 106782415  
Conc: 44.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



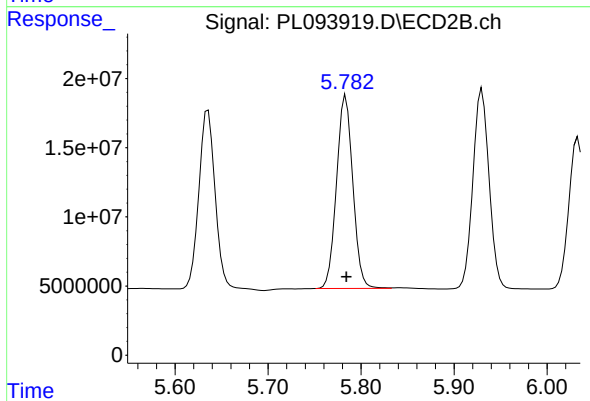
#15 Endosulfan II

R.T.: 5.930 min  
Delta R.T.: -0.001 min  
Response: 174156430  
Conc: 47.02 ng/ml



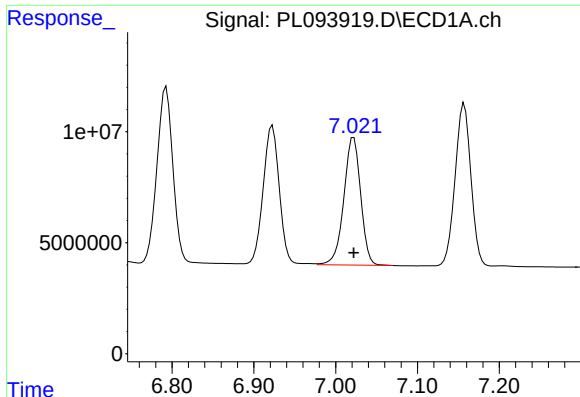
#16 4,4'-DDD

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 99130335  
Conc: 52.16 ng/ml



#16 4,4'-DDD

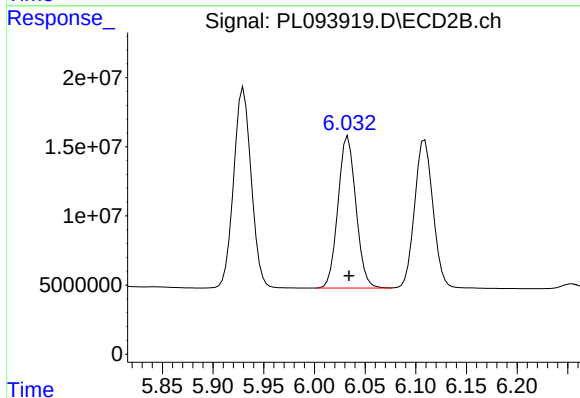
R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 169910374  
Conc: 53.83 ng/ml



#17 4,4'-DDT

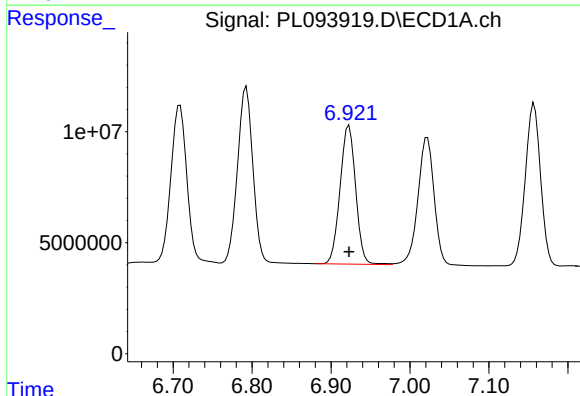
R.T.: 7.022 min  
Delta R.T.: 0.000 min  
Response: 81731966  
Conc: 41.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



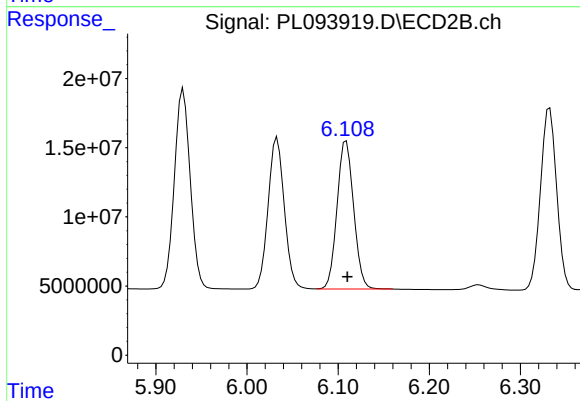
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 135049634  
Conc: 41.50 ng/ml



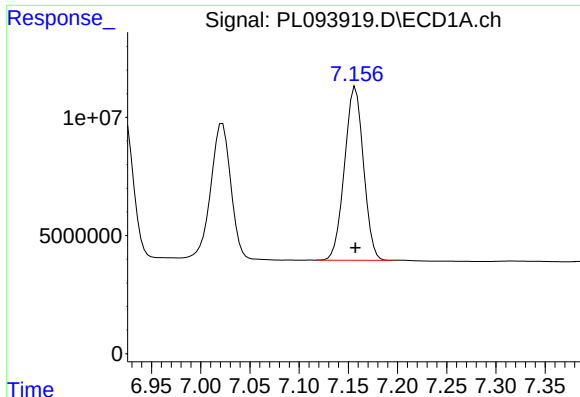
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: 0.000 min  
Response: 85618219  
Conc: 44.04 ng/ml



#18 Endrin aldehyde

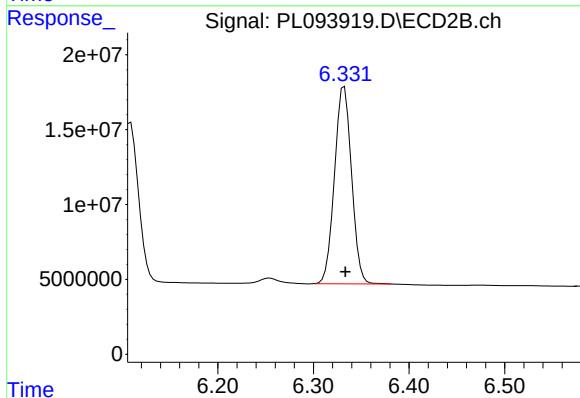
R.T.: 6.109 min  
Delta R.T.: -0.001 min  
Response: 135396742  
Conc: 44.47 ng/ml



#19 Endosulfan Sulfate

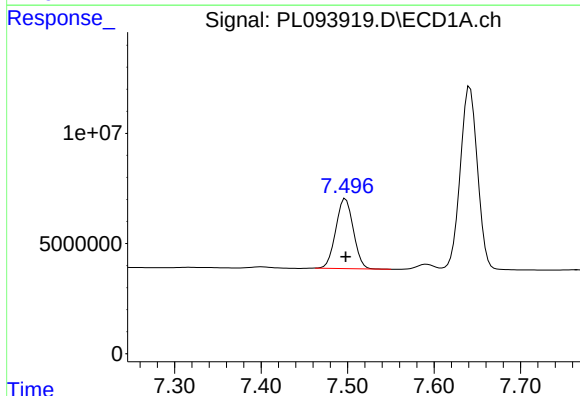
R.T.: 7.157 min  
Delta R.T.: 0.000 min  
Response: 98314021  
Conc: 43.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



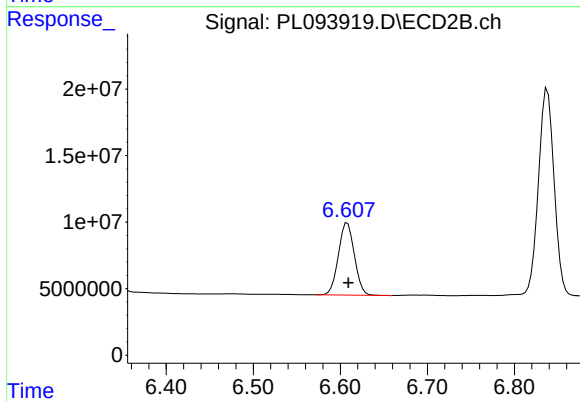
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: -0.001 min  
Response: 163220704  
Conc: 45.77 ng/ml



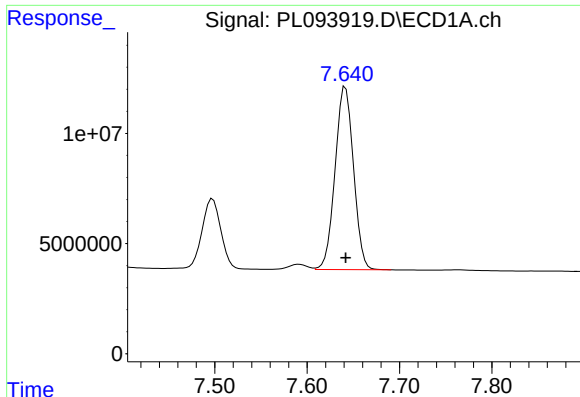
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: 0.000 min  
Response: 44325382  
Conc: 42.48 ng/ml



#20 Methoxychlor

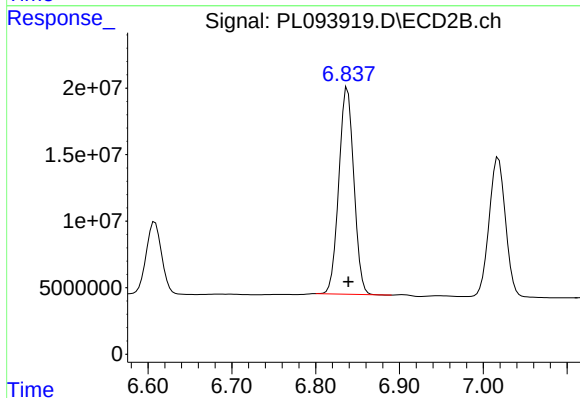
R.T.: 6.608 min  
Delta R.T.: -0.001 min  
Response: 69242671  
Conc: 38.72 ng/ml



#21 Endrin ketone

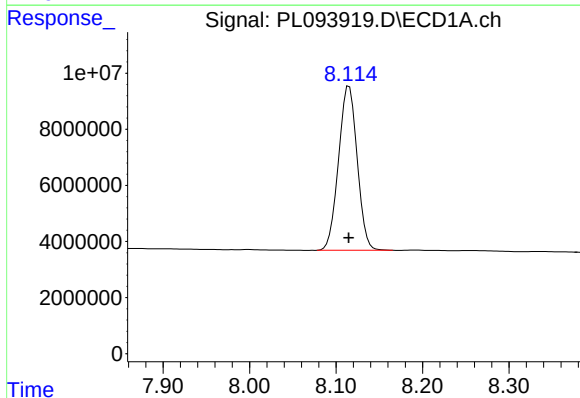
R.T.: 7.642 min  
Delta R.T.: 0.000 min  
Response: 115029896  
Conc: 45.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



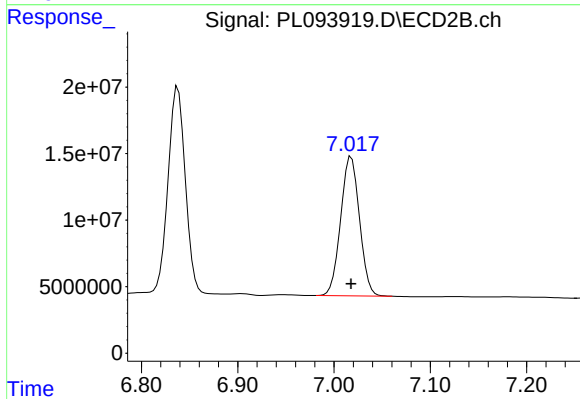
#21 Endrin ketone

R.T.: 6.838 min  
Delta R.T.: -0.001 min  
Response: 192845496  
Conc: 45.97 ng/ml



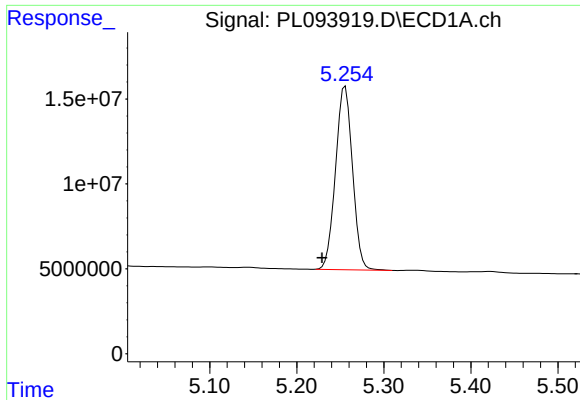
#22 Mirex

R.T.: 8.115 min  
Delta R.T.: 0.000 min  
Response: 87234125  
Conc: 41.89 ng/ml



#22 Mirex

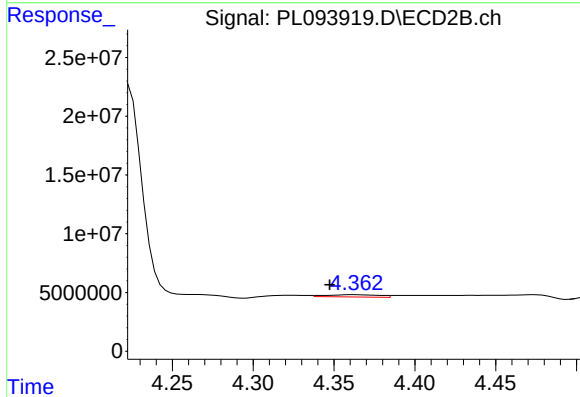
R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 141772651  
Conc: 41.92 ng/ml



#24 Chlordane-2

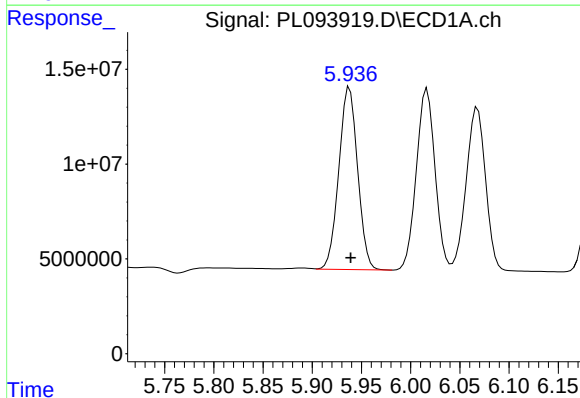
R.T.: 5.256 min  
Delta R.T.: 0.027 min  
Response: 146008886  
Conc: 1247.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



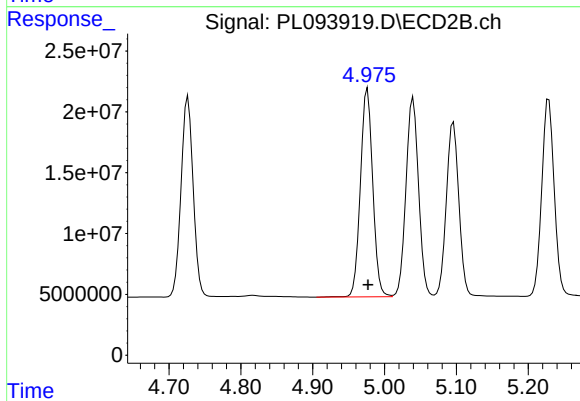
#24 Chlordane-2

R.T.: 4.363 min  
Delta R.T.: 0.015 min  
Response: 4385048  
Conc: 29.89 ng/ml



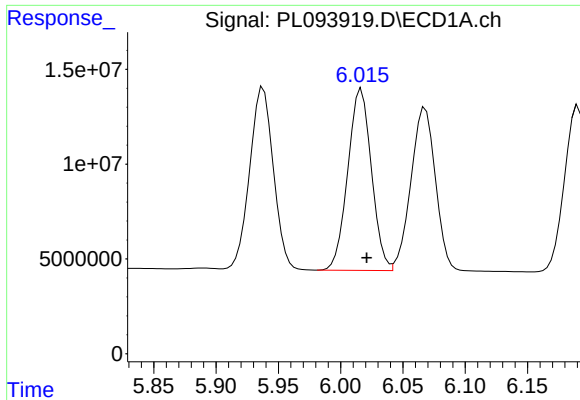
#25 Chlordane-3

R.T.: 5.938 min  
Delta R.T.: -0.001 min  
Response: 127869845  
Conc: 325.98 ng/ml



#25 Chlordane-3

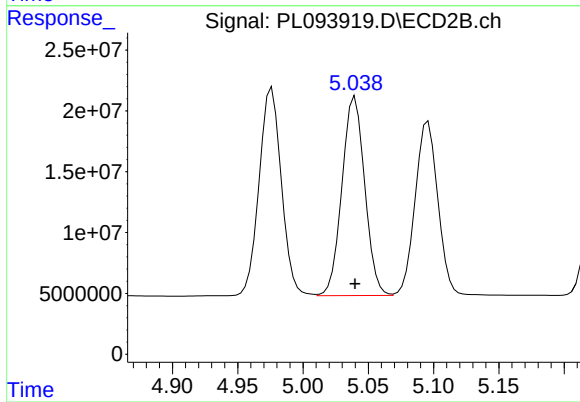
R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 203600180  
Conc: 468.24 ng/ml



#26 Chlordane-4

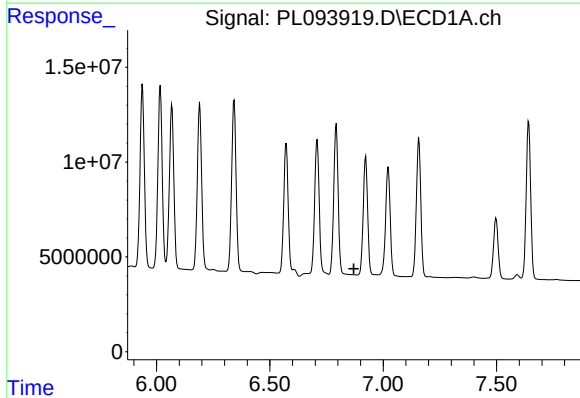
R.T.: 6.017 min  
Delta R.T.: -0.004 min  
Response: 126946491  
Conc: 270.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



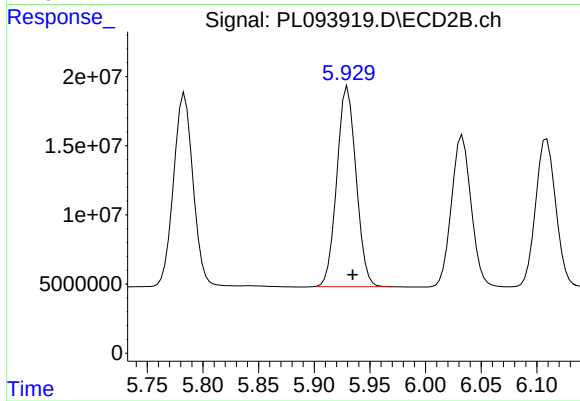
#26 Chlordane-4

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 198551598  
Conc: 468.65 ng/ml



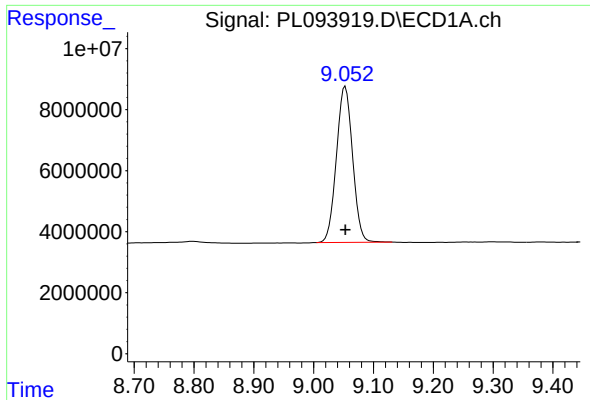
#27 Chlordane-5

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



#27 Chlordane-5

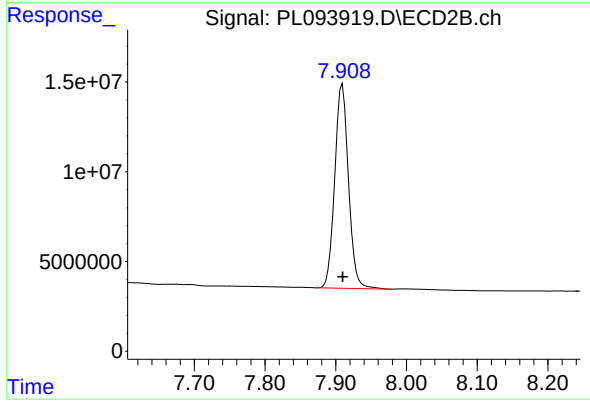
R.T.: 5.930 min  
Delta R.T.: -0.004 min  
Response: 174156430  
Conc: 1137.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: 0.000 min  
Response: 96140493  
Conc: 45.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: 0.000 min  
Response: 153540752  
Conc: 43.82 ng/ml