

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012725\  
 Data File : PL093819.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jan 2025 18:33  
 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 28 00:32:55 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  | 2.773 | 139.8E6  | 170.5E6  | 51.934   | 52.225     |
| 28)                         | SA Decachlor... | 9.057  | 7.911 | 109.1E6  | 182.8E6  | 52.133   | 52.162     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.993  | 3.276 | 200.0E6  | 261.0E6  | 52.160   | 53.391     |
| 3)                          | MA gamma-BHC... | 4.326  | 3.606 | 188.7E6  | 246.9E6  | 51.241   | 52.070     |
| 4)                          | MA Heptachlor   | 4.914  | 3.945 | 169.3E6  | 241.0E6  | 51.669   | 51.778     |
| 5)                          | MB Aldrin       | 5.256  | 4.224 | 164.4E6  | 232.9E6  | 50.259   | 51.064     |
| 6)                          | B beta-BHC      | 4.524  | 3.906 | 85322623 | 106.7E6  | 53.084   | 53.439     |
| 7)                          | B delta-BHC     | 4.772  | 4.135 | 179.6E6  | 245.1E6  | 51.225   | 51.596     |
| 8)                          | B Heptachlo...  | 5.682  | 4.727 | 148.1E6  | 216.0E6  | 49.802   | 51.668     |
| 9)                          | A Endosulfan I  | 6.068  | 5.097 | 135.9E6  | 205.3E6  | 51.427   | 52.955     |
| 10)                         | B gamma-Chl...  | 5.939  | 4.977 | 147.5E6  | 227.5E6  | 52.909   | 53.686     |
| 11)                         | B alpha-Chl...  | 6.018  | 5.041 | 145.6E6  | 223.3E6  | 52.210   | 53.345     |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.229 | 133.1E6  | 218.0E6  | 54.683   | 54.361     |
| 13)                         | MA Dieldrin     | 6.344  | 5.361 | 143.1E6  | 226.4E6  | 51.545   | 52.695     |
| 14)                         | MA Endrin       | 6.574  | 5.637 | 116.6E6  | 186.4E6  | 49.721   | 50.482     |
| 15)                         | B Endosulfa...  | 6.794  | 5.932 | 125.2E6  | 199.3E6  | 51.945   | 53.797     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.785 | 110.1E6  | 185.2E6  | 57.911   | 58.658     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.035 | 103.1E6  | 171.2E6  | 52.269   | 52.605     |
| 18)                         | B Endrin al...  | 6.924  | 6.111 | 98707370 | 153.3E6  | 50.774   | 50.337     |
| 19)                         | B Endosulfa...  | 7.159  | 6.334 | 116.6E6  | 189.4E6  | 51.488   | 53.123     |
| 20)                         | A Methoxychlor  | 7.500  | 6.610 | 55192908 | 88977736 | 52.897   | 49.760     |
| 21)                         | B Endrin ke...  | 7.644  | 6.839 | 134.3E6  | 228.5E6  | 53.233   | 54.478     |
| 22)                         | Mirex           | 8.117  | 7.019 | 102.5E6  | 169.5E6  | 49.242   | 50.134     |
| 23)                         | Chlordane-1     | 0.000  | 3.786 | 0        | 89094    | N.D.     | 0.714 #    |
| 24)                         | Chlordane-2     | 5.256f | 4.363 | 164.4E6  | 862596   | 1404.556 | 5.879 #    |
| 25)                         | Chlordane-3     | 5.939  | 4.977 | 147.5E6  | 227.5E6  | 375.962  | 523.207 #  |
| 26)                         | Chlordane-4     | 6.018  | 5.041 | 145.6E6  | 223.3E6  | 309.678  | 527.140 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.932 | 0        | 199.3E6  | N.D.     | 1300.937 # |
| -----                       |                 |        |       |          |          |          |            |

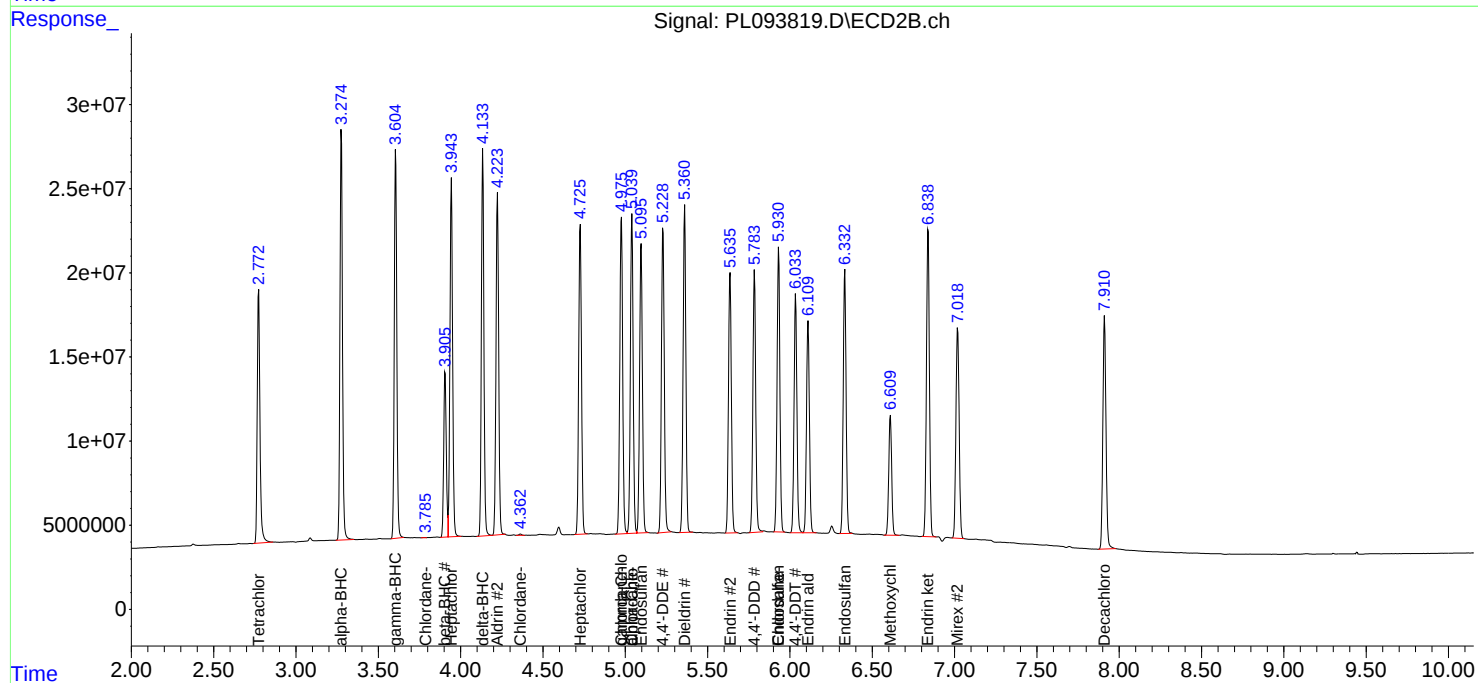
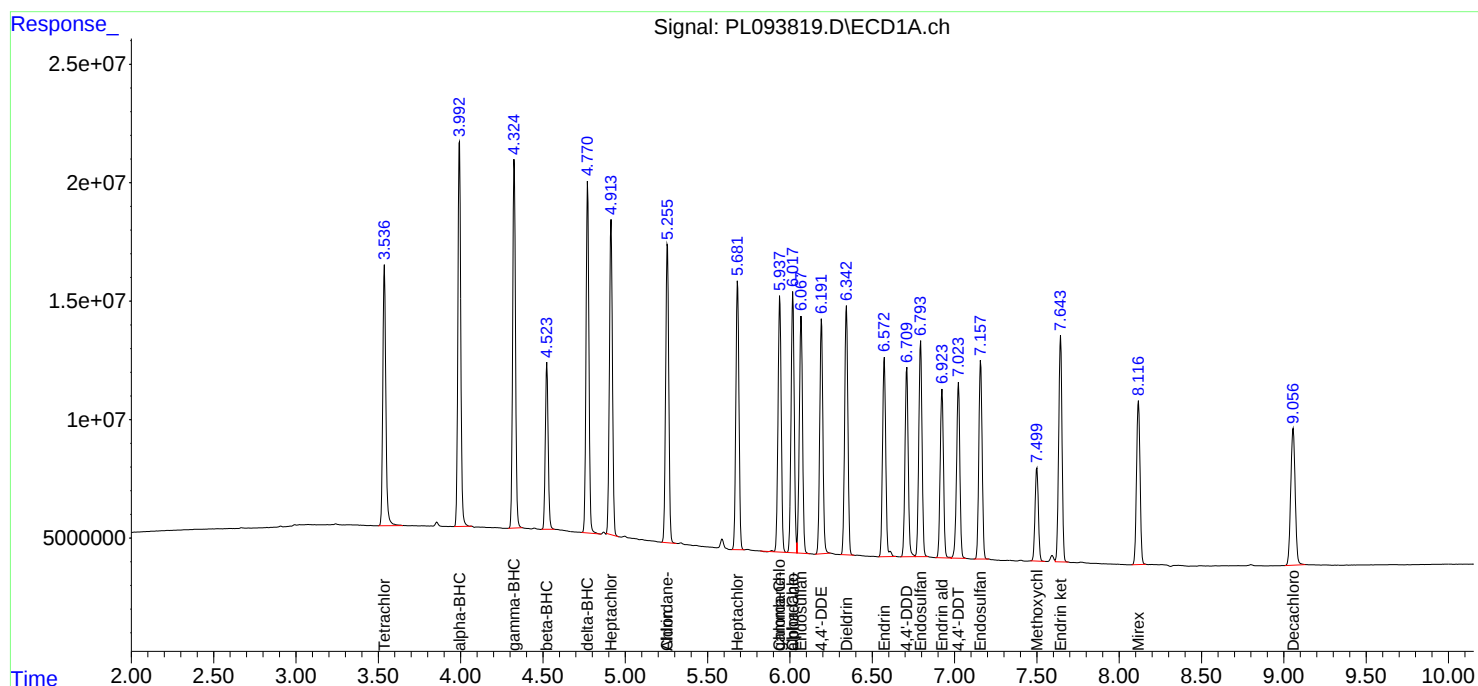
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

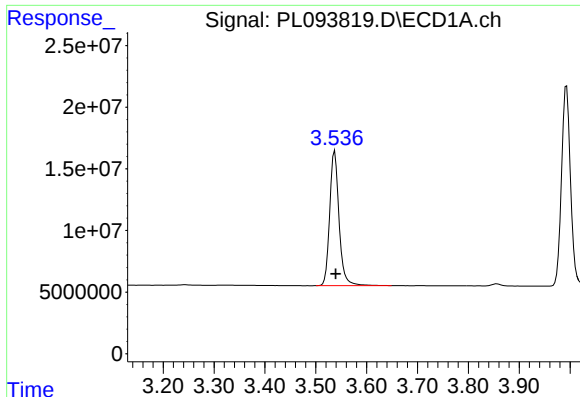
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012725\  
Data File : PL093819.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jan 2025 18:33  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 28 00:32:55 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

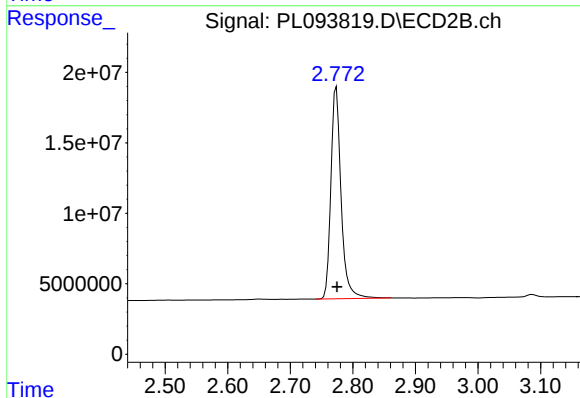




#1 Tetrachloro-m-xylene

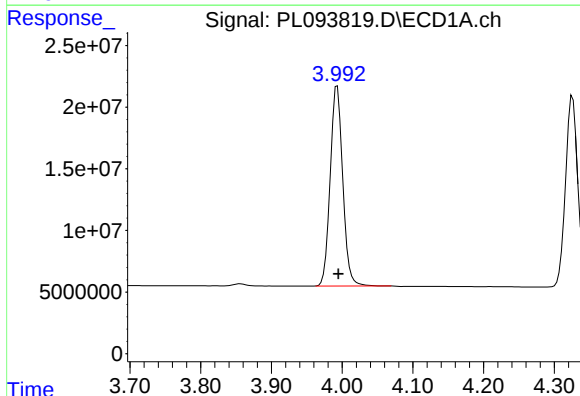
R.T.: 3.537 min  
Delta R.T.: -0.002 min  
Response: 139845509  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



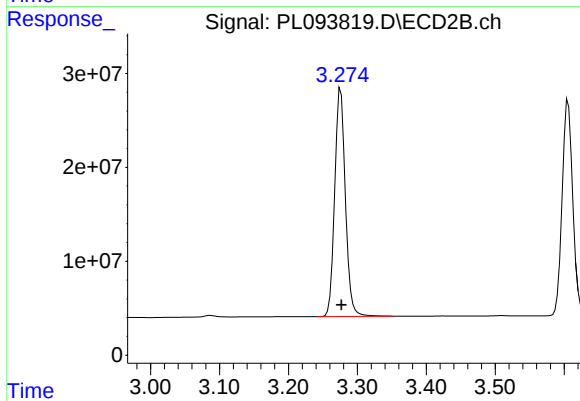
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: 0.000 min  
Response: 170470686  
Conc: 52.23 ng/ml



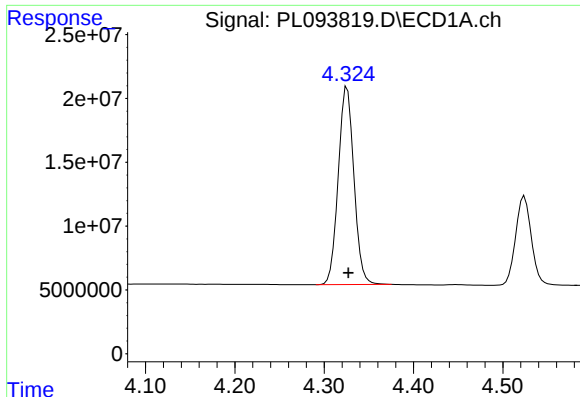
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.001 min  
Response: 199973393  
Conc: 52.16 ng/ml



#2 alpha-BHC

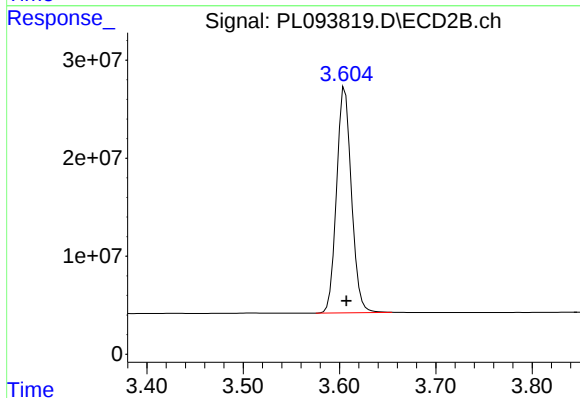
R.T.: 3.276 min  
Delta R.T.: -0.001 min  
Response: 261027838  
Conc: 53.39 ng/ml



#3 gamma-BHC (Lindane)

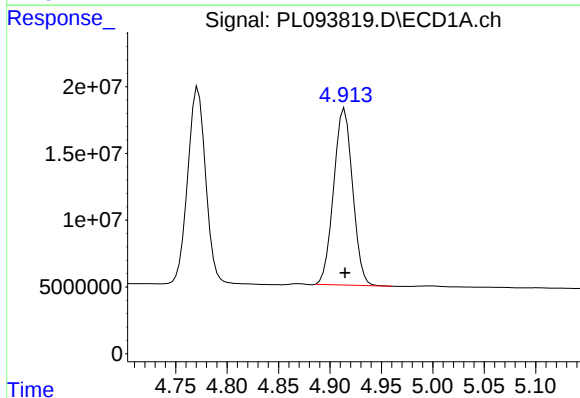
R.T.: 4.326 min  
Delta R.T.: -0.001 min  
Response: 188713951  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



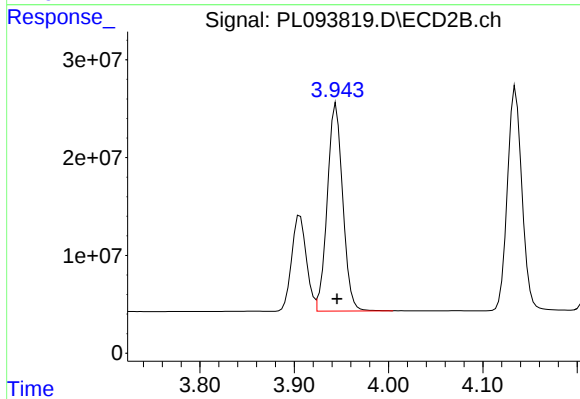
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: -0.001 min  
Response: 246874261  
Conc: 52.07 ng/ml



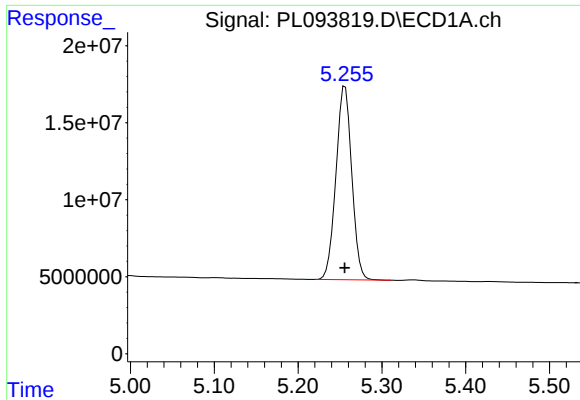
#4 Heptachlor

R.T.: 4.914 min  
Delta R.T.: 0.000 min  
Response: 169336870  
Conc: 51.67 ng/ml



#4 Heptachlor

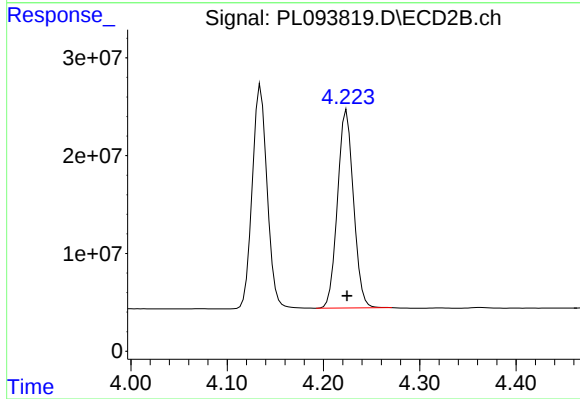
R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 241015918  
Conc: 51.78 ng/ml



#5 Aldrin

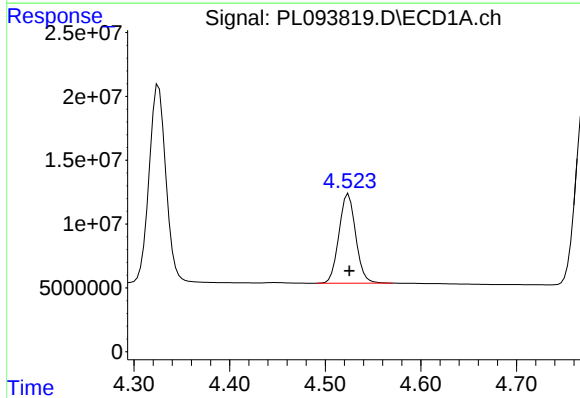
R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 164446358  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



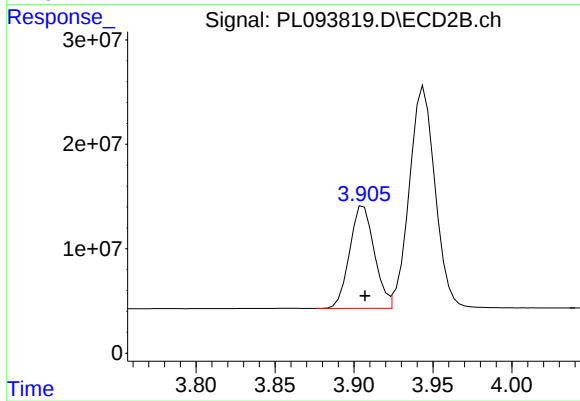
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 232941405  
Conc: 51.06 ng/ml



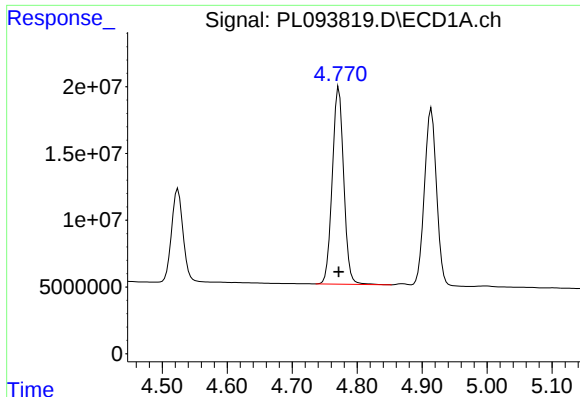
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 85322623  
Conc: 53.08 ng/ml



#6 beta-BHC

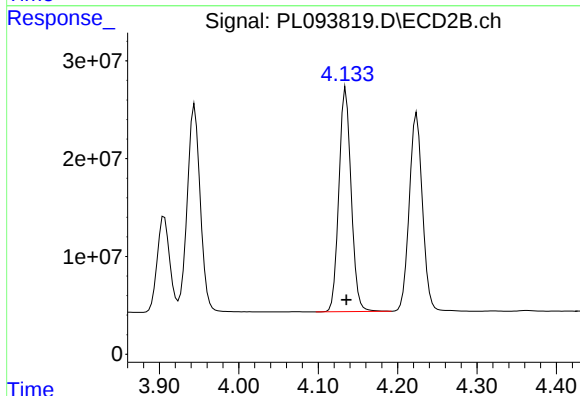
R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 106741523  
Conc: 53.44 ng/ml



#7 delta-BHC

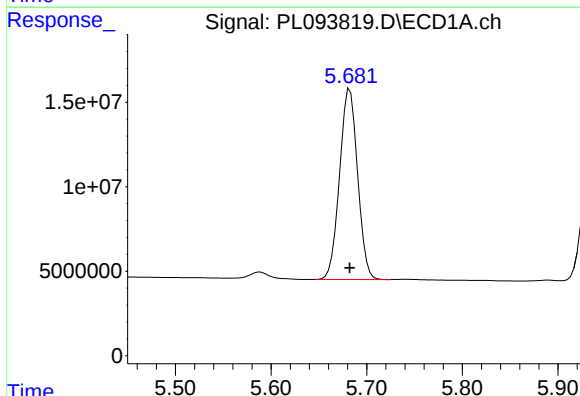
R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 179556729  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



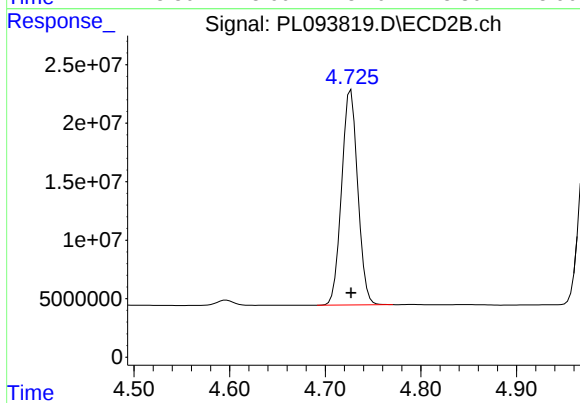
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 245143913  
Conc: 51.60 ng/ml



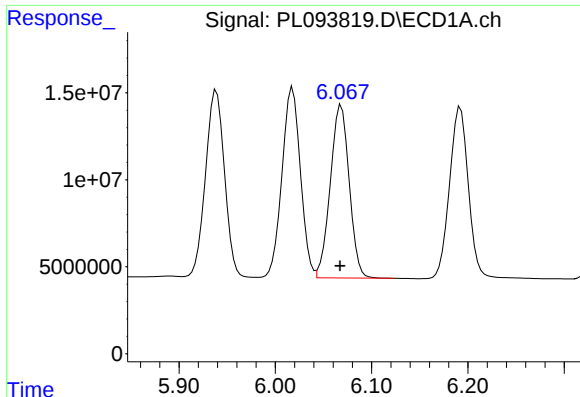
#8 Heptachlor epoxide

R.T.: 5.682 min  
Delta R.T.: 0.000 min  
Response: 148100991  
Conc: 49.80 ng/ml



#8 Heptachlor epoxide

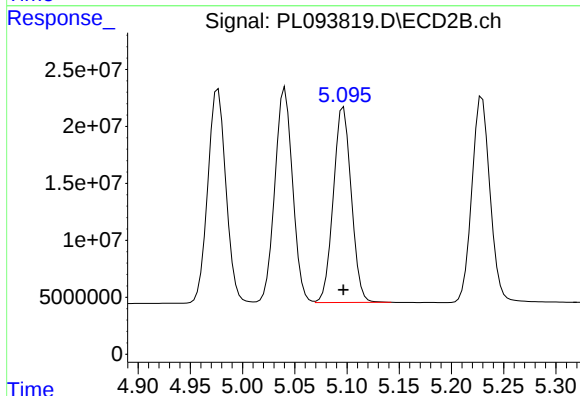
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 215986097  
Conc: 51.67 ng/ml



#9 Endosulfan I

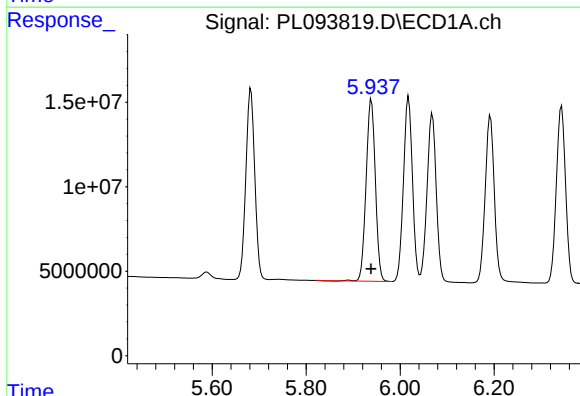
R.T.: 6.068 min  
Delta R.T.: 0.001 min  
Response: 135914975  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



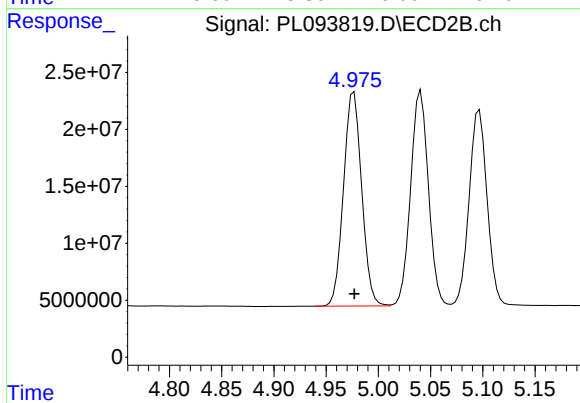
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: 0.000 min  
Response: 205302092  
Conc: 52.96 ng/ml



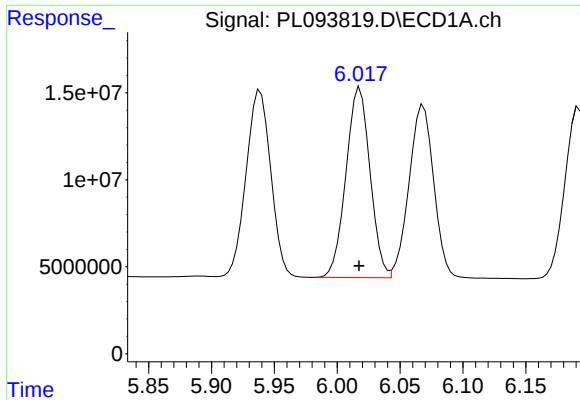
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 147476805  
Conc: 52.91 ng/ml



#10 gamma-Chlordane

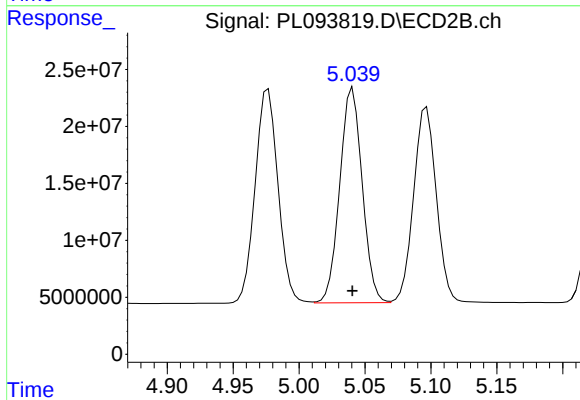
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 227501568  
Conc: 53.69 ng/ml



#11 alpha-Chlordane

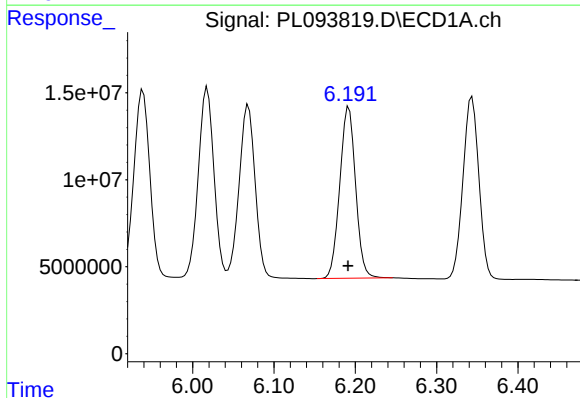
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 145581879  
Conc: 52.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



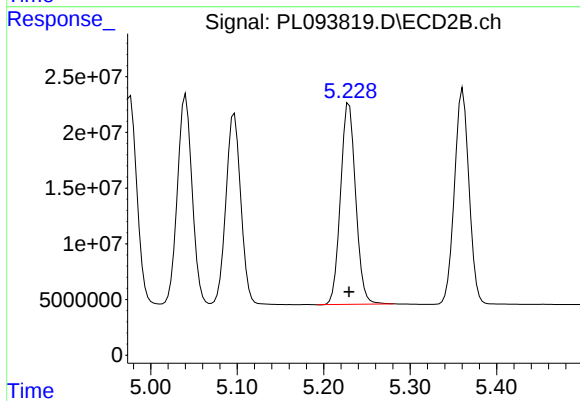
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 223332557  
Conc: 53.35 ng/ml



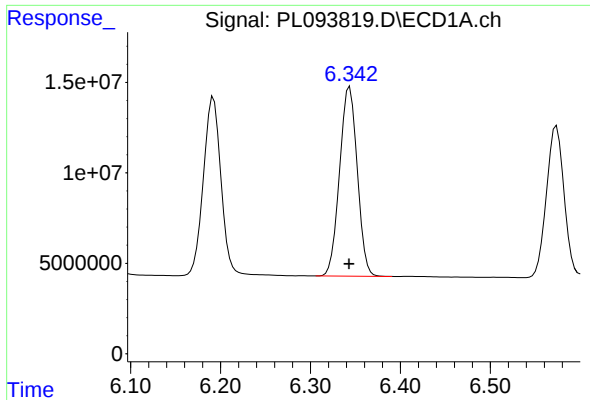
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 133130385  
Conc: 54.68 ng/ml



#12 4,4'-DDE

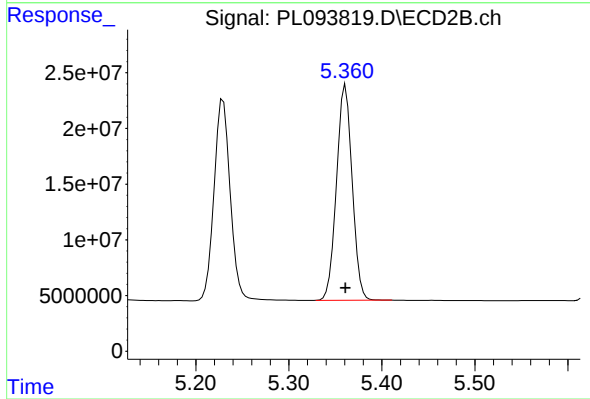
R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 217960648  
Conc: 54.36 ng/ml



#13 Dieldrin

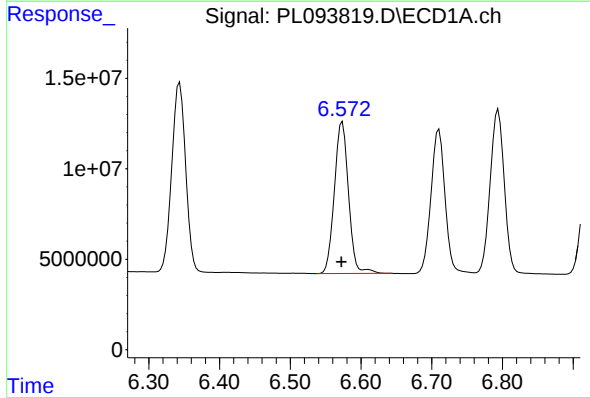
R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 143081857  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



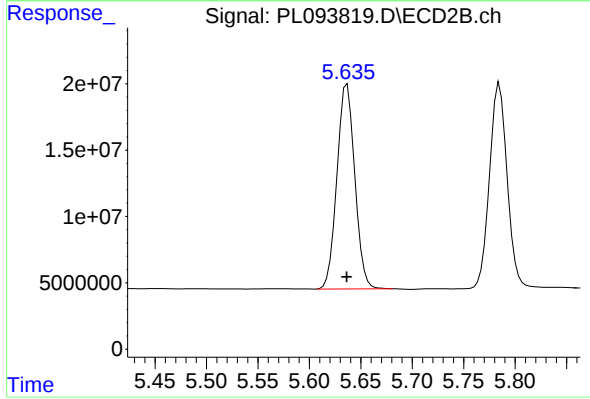
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 226358179  
Conc: 52.69 ng/ml



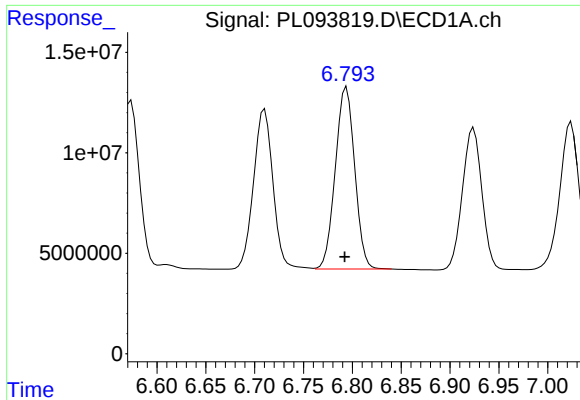
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.001 min  
Response: 116587433  
Conc: 49.72 ng/ml



#14 Endrin

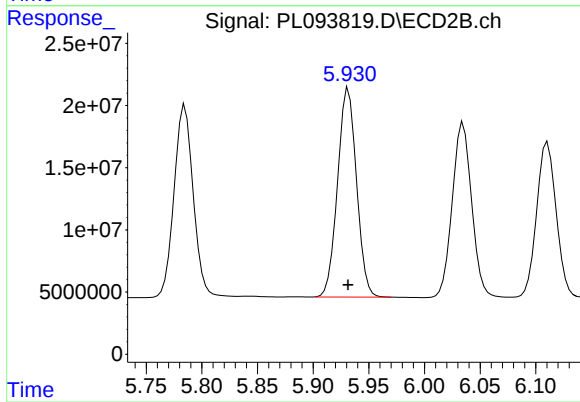
R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 186413150  
Conc: 50.48 ng/ml



#15 Endosulfan II

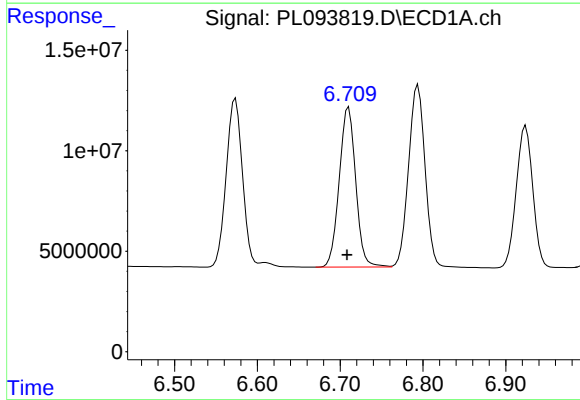
R.T.: 6.794 min  
Delta R.T.: 0.002 min  
Response: 125153367  
Conc: 51.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



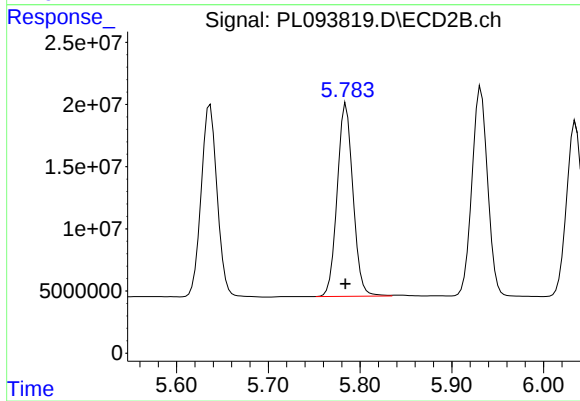
#15 Endosulfan II

R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 199255148  
Conc: 53.80 ng/ml



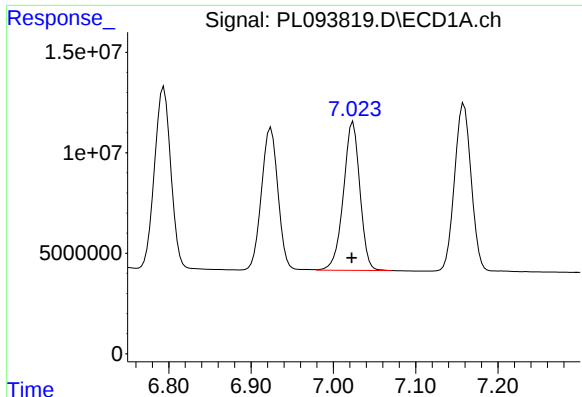
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.002 min  
Response: 110064336  
Conc: 57.91 ng/ml



#16 4,4'-DDD

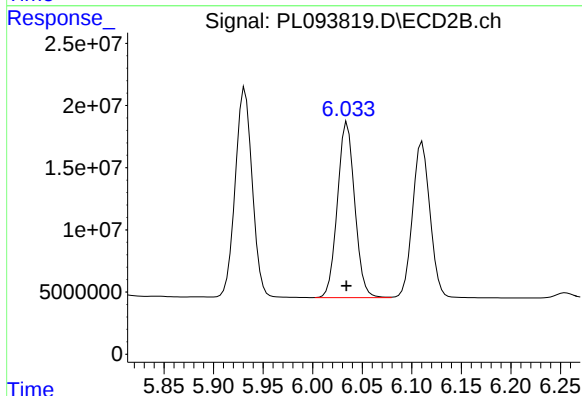
R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 185156477  
Conc: 58.66 ng/ml



#17 4,4'-DDT

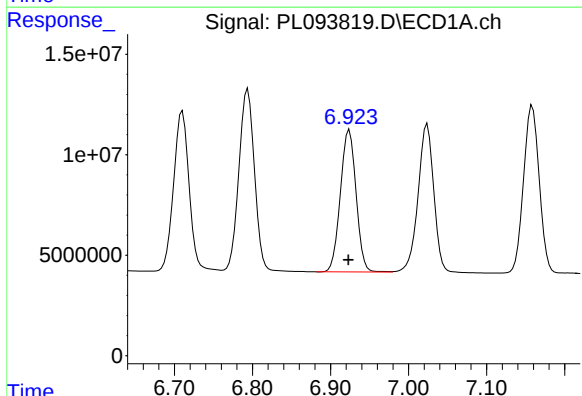
R.T.: 7.024 min  
Delta R.T.: 0.002 min  
Response: 103078066  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



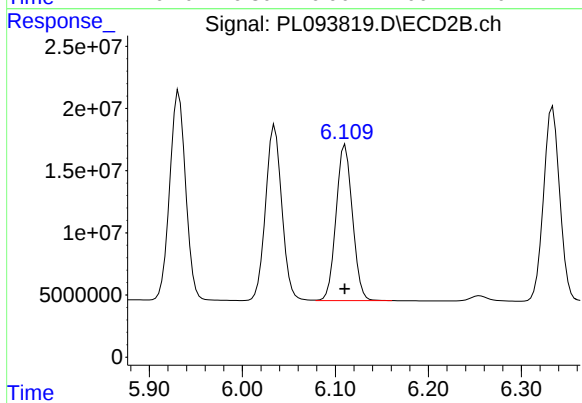
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 171180366  
Conc: 52.61 ng/ml



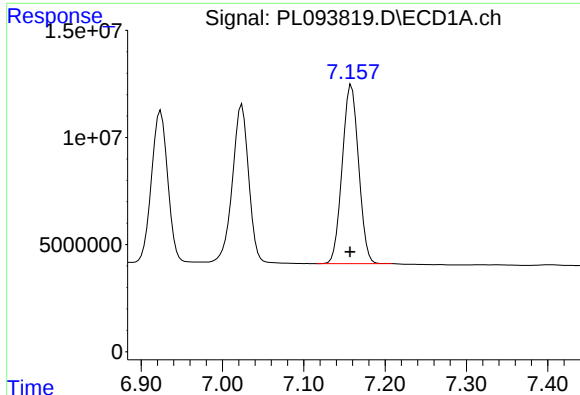
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.001 min  
Response: 98707370  
Conc: 50.77 ng/ml



#18 Endrin aldehyde

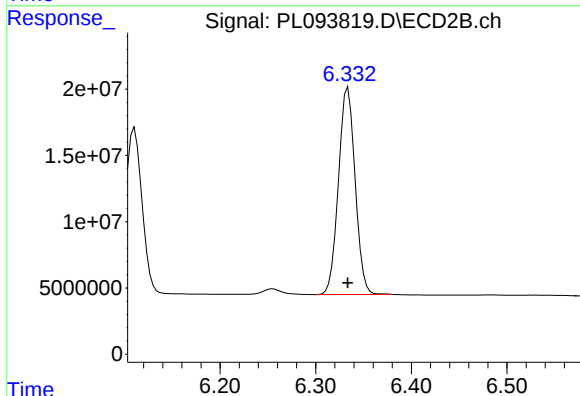
R.T.: 6.111 min  
Delta R.T.: 0.000 min  
Response: 153256891  
Conc: 50.34 ng/ml



#19 Endosulfan Sulfate

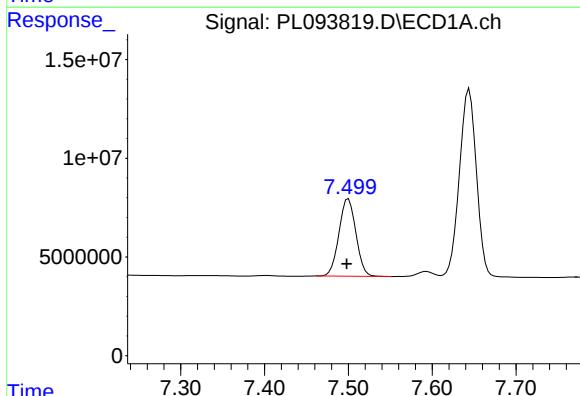
R.T.: 7.159 min  
Delta R.T.: 0.001 min  
Response: 116554901  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



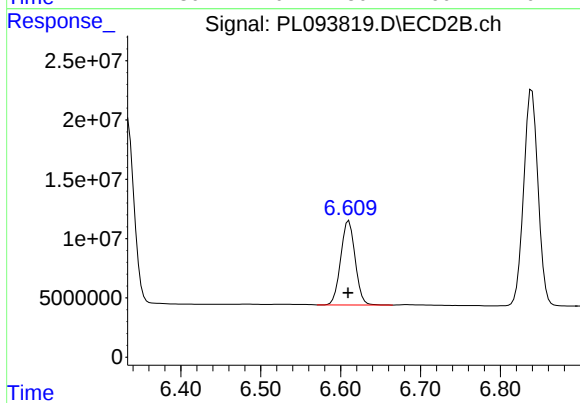
#19 Endosulfan Sulfate

R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 189439320  
Conc: 53.12 ng/ml



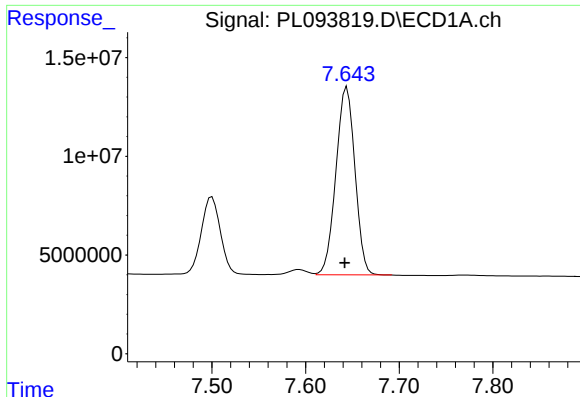
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.002 min  
Response: 55192908  
Conc: 52.90 ng/ml



#20 Methoxychlor

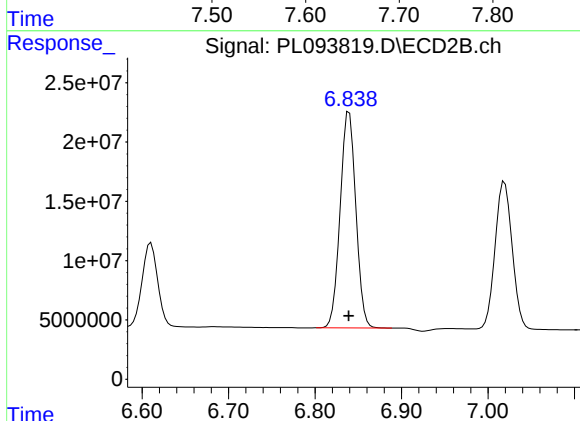
R.T.: 6.610 min  
Delta R.T.: 0.001 min  
Response: 88977736  
Conc: 49.76 ng/ml



#21 Endrin ketone

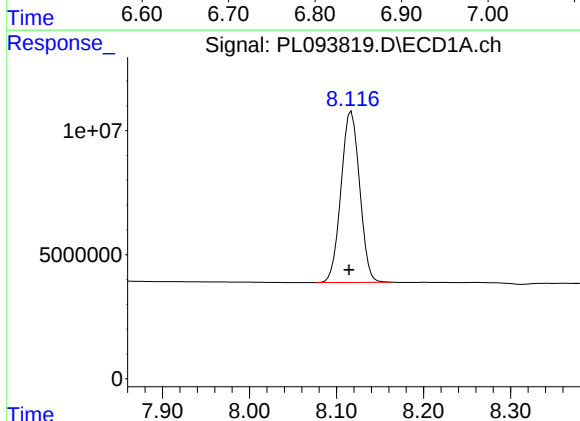
R.T.: 7.644 min  
Delta R.T.: 0.002 min  
Response: 134287215  
Conc: 53.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



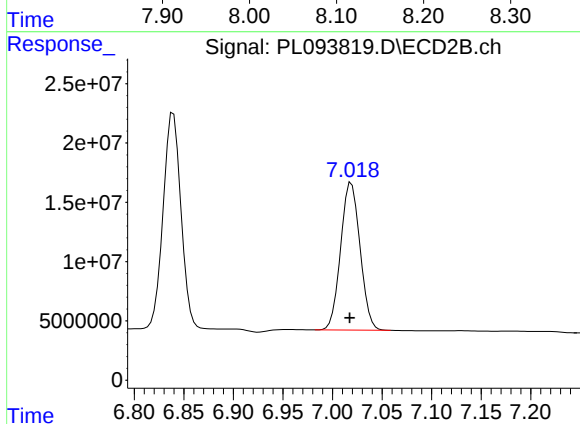
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 228548409  
Conc: 54.48 ng/ml



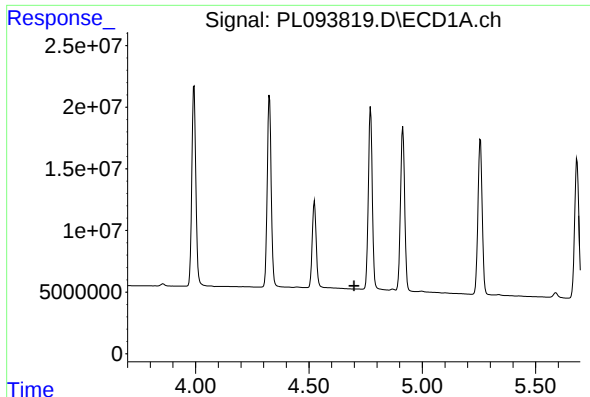
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.002 min  
Response: 102545359  
Conc: 49.24 ng/ml



#22 Mirex

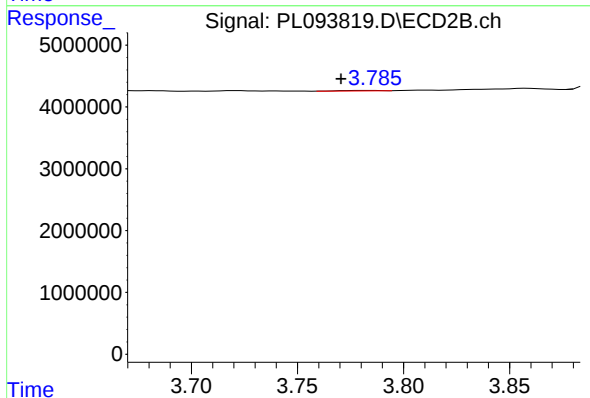
R.T.: 7.019 min  
Delta R.T.: 0.001 min  
Response: 169546982  
Conc: 50.13 ng/ml



#23 Chlordane-1

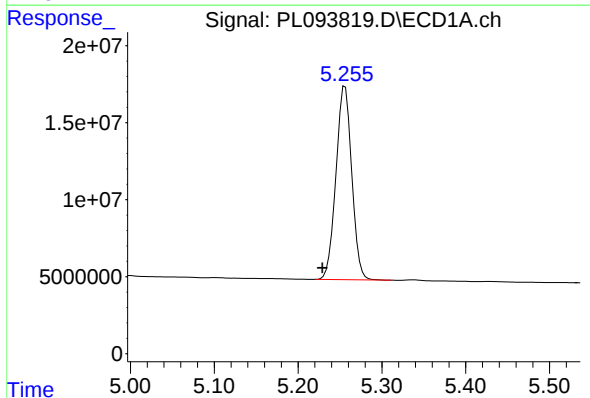
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



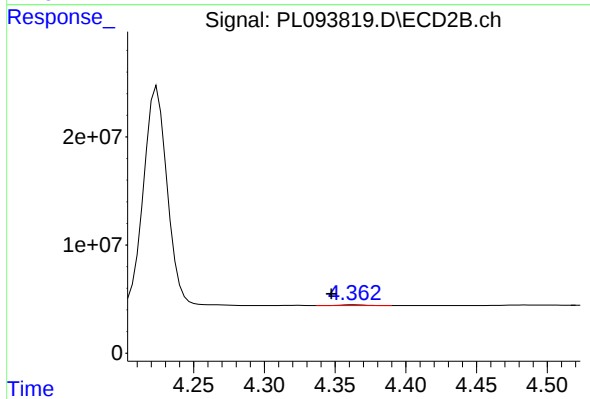
#23 Chlordane-1

R.T.: 3.786 min  
Delta R.T.: 0.015 min  
Response: 89094  
Conc: 0.71 ng/ml



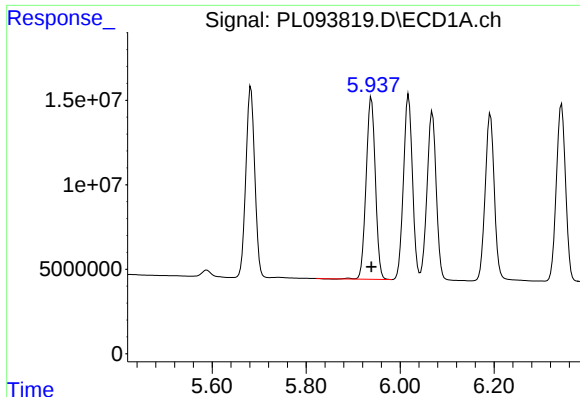
#24 Chlordane-2

R.T.: 5.256 min  
Delta R.T.: 0.027 min  
Response: 164446358  
Conc: 1404.56 ng/ml



#24 Chlordane-2

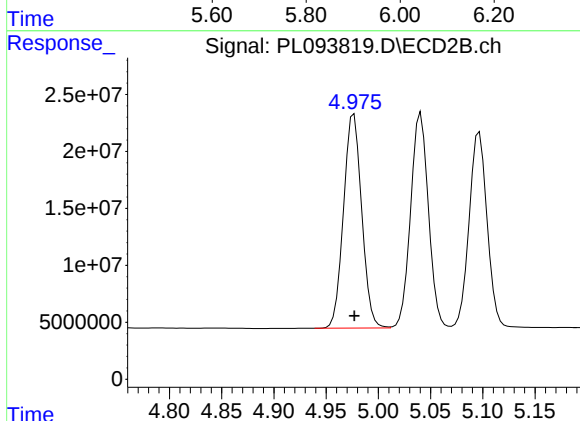
R.T.: 4.363 min  
Delta R.T.: 0.016 min  
Response: 862596  
Conc: 5.88 ng/ml



#25 Chlordane-3

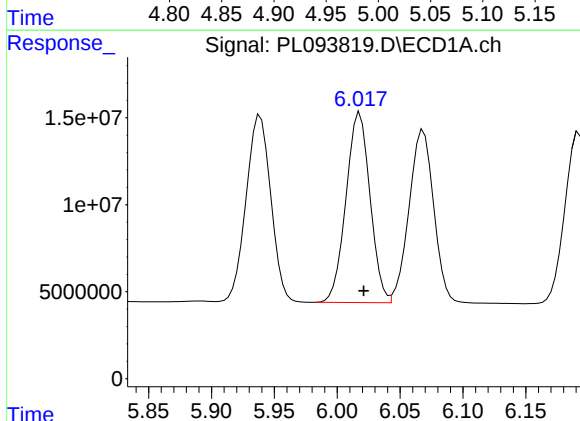
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 147476805  
Conc: 375.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



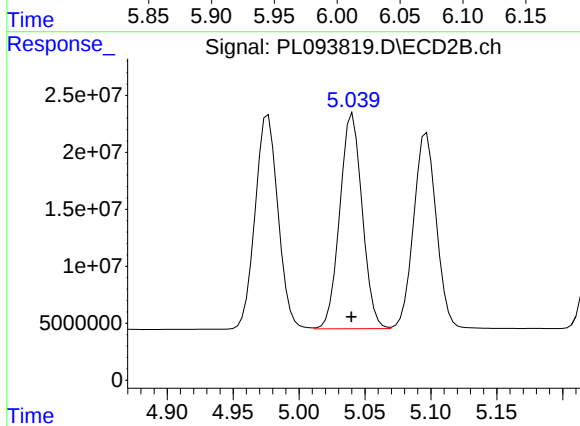
#25 Chlordane-3

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 227501568  
Conc: 523.21 ng/ml



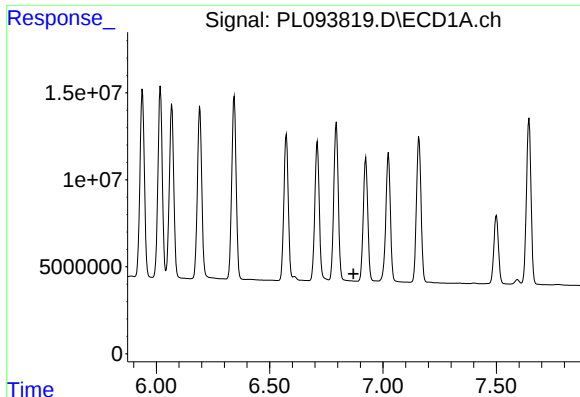
#26 Chlordane-4

R.T.: 6.018 min  
Delta R.T.: -0.003 min  
Response: 145581879  
Conc: 309.68 ng/ml



#26 Chlordane-4

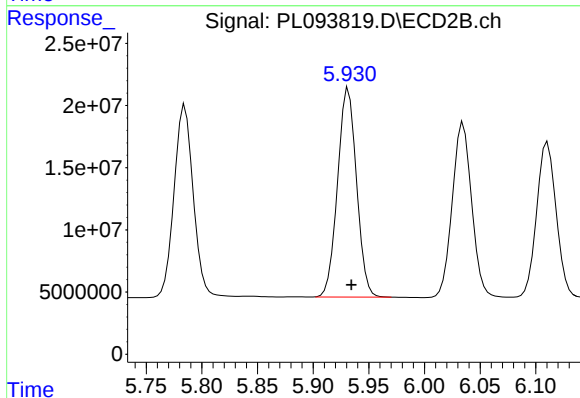
R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 223332557  
Conc: 527.14 ng/ml



#27 Chlordane-5

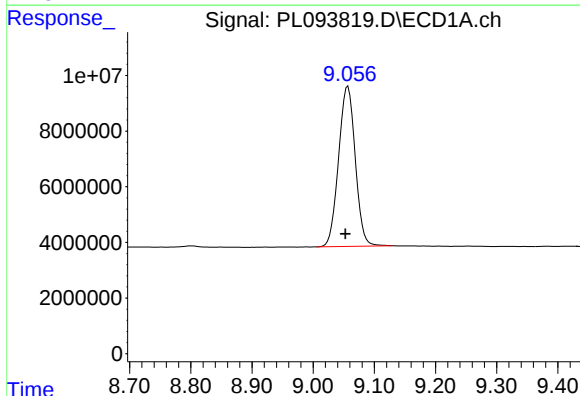
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



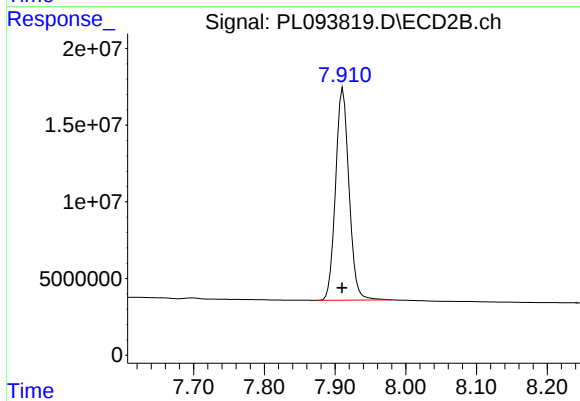
#27 Chlordane-5

R.T.: 5.932 min  
Delta R.T.: -0.003 min  
Response: 199255148  
Conc: 1300.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.004 min  
Response: 109058581  
Conc: 52.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: 0.001 min  
Response: 182780393  
Conc: 52.16 ng/ml