

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111524\  
 Data File : PL093075.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2024 11:45  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

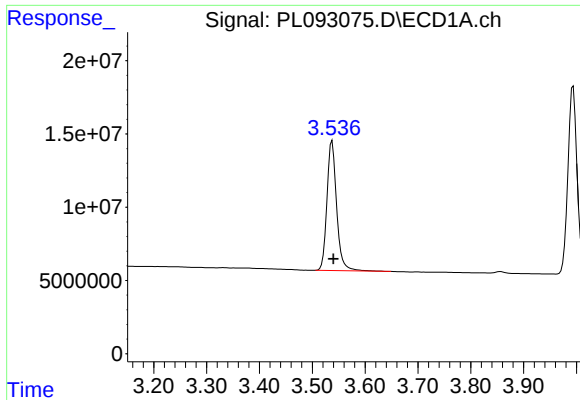
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 15 20:54:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: 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... | 3.538  | 2.776 | 112.5E6  | 128.5E6  | 45.925   | 47.215     |
| 28)                         | SA Decachlor... | 9.056  | 7.915 | 87052974 | 130.8E6  | 45.233   | 47.926     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.278 | 157.2E6  | 192.0E6  | 46.337   | 48.114     |
| 3)                          | MA gamma-BHC... | 4.326  | 3.608 | 148.9E6  | 183.5E6  | 45.679   | 47.537     |
| 4)                          | MA Heptachlor   | 4.915  | 3.947 | 133.1E6  | 179.4E6  | 44.337   | 47.531     |
| 5)                          | MB Aldrin       | 5.257  | 4.227 | 133.0E6  | 172.6E6  | 44.299   | 47.153     |
| 6)                          | B beta-BHC      | 4.524  | 3.908 | 64598107 | 76909936 | 44.690   | 46.718     |
| 7)                          | B delta-BHC     | 4.771  | 4.137 | 138.1E6  | 184.5E6  | 44.115   | 48.000     |
| 8)                          | B Heptachlo...  | 5.683  | 4.730 | 118.9E6  | 156.4E6  | 43.043   | 46.812     |
| 9)                          | A Endosulfan I  | 6.069  | 5.100 | 109.1E6  | 142.4E6  | 43.634   | 46.629     |
| 10)                         | B gamma-Chl...  | 5.939  | 4.980 | 115.4E6  | 164.7E6  | 43.391   | 48.993     |
| 11)                         | B alpha-Chl...  | 6.018  | 5.043 | 115.6E6  | 157.3E6  | 43.647   | 47.282     |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.232 | 105.5E6  | 154.4E6  | 44.541   | 47.917     |
| 13)                         | MA Dieldrin     | 6.344  | 5.364 | 115.2E6  | 159.2E6  | 43.706   | 47.664     |
| 14)                         | MA Endrin       | 6.574  | 5.640 | 100.5E6  | 140.8E6  | 44.133   | 48.677     |
| 15)                         | B Endosulfa...  | 6.794  | 5.934 | 101.7E6  | 135.8E6  | 42.658   | 47.916     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.788 | 86007285 | 121.0E6  | 44.807   | 48.608     |
| 17)                         | MA 4,4'-DDT     | 7.023  | 6.038 | 92795405 | 129.7E6  | 44.834   | 48.366     |
| 18)                         | B Endrin al...  | 6.924  | 6.114 | 82661389 | 108.9E6  | 44.016   | 47.201     |
| 19)                         | B Endosulfa...  | 7.158  | 6.337 | 95414254 | 128.7E6  | 43.963   | 47.728     |
| 20)                         | A Methoxychlor  | 7.500  | 6.614 | 51638001 | 69742021 | 45.297   | 48.838     |
| 21)                         | B Endrin ke...  | 7.643  | 6.843 | 107.3E6  | 145.7E6  | 44.299   | 47.477     |
| 22)                         | Mirex           | 8.117  | 7.023 | 85605952 | 119.7E6  | 43.198   | 45.884     |
| 24)                         | Chlordane-2     | 5.257f | 4.365 | 133.0E6  | 124554   | 1160.084 | 1.006 #    |
| 25)                         | Chlordane-3     | 5.939  | 4.980 | 115.4E6  | 164.7E6  | 295.779  | 454.112 #  |
| 26)                         | Chlordane-4     | 6.018  | 5.043 | 115.6E6  | 157.3E6  | 241.802  | 449.554 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.934 | 0        | 135.8E6  | N.D.     | 1070.584 # |
| -----                       |                 |        |       |          |          |          |            |

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

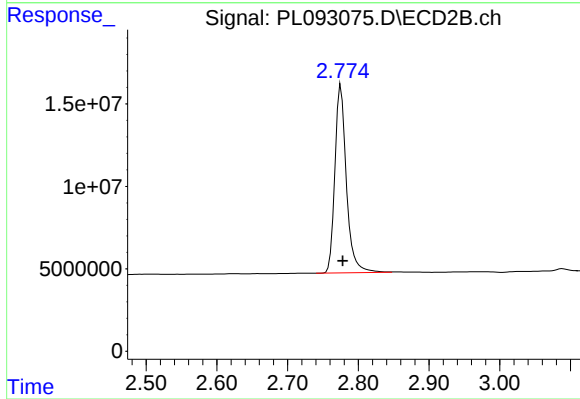




#1 Tetrachloro-m-xylene

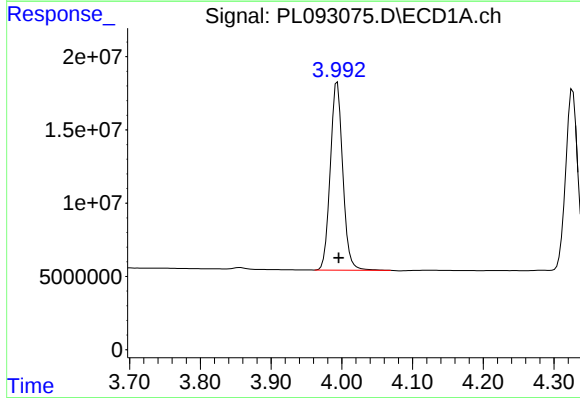
R.T.: 3.538 min  
Delta R.T.: -0.002 min  
Response: 112526325  
Conc: 45.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



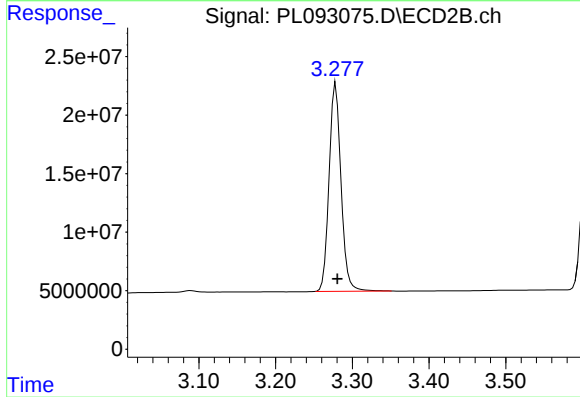
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 128480337  
Conc: 47.22 ng/ml



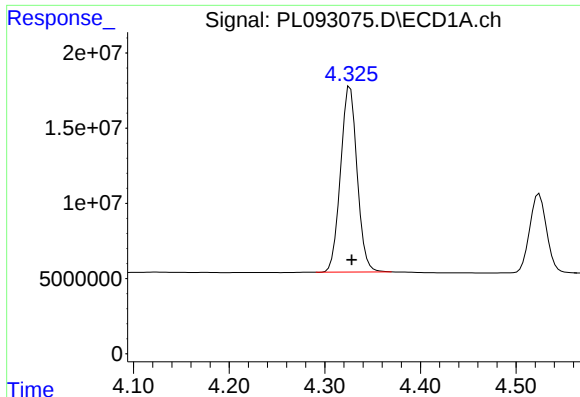
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.002 min  
Response: 157156648  
Conc: 46.34 ng/ml



#2 alpha-BHC

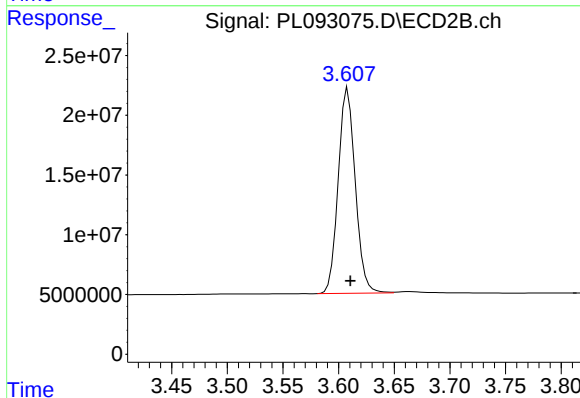
R.T.: 3.278 min  
Delta R.T.: -0.002 min  
Response: 191984872  
Conc: 48.11 ng/ml



#3 gamma-BHC (Lindane)

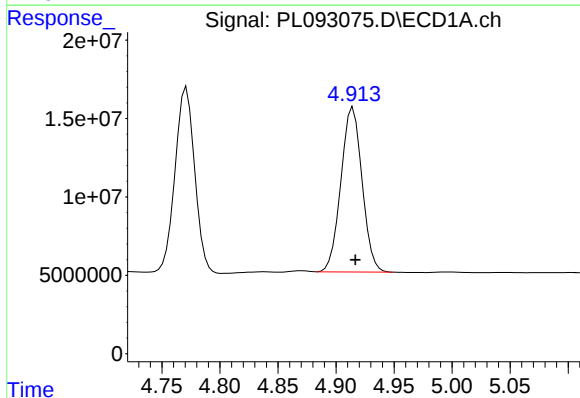
R.T.: 4.326 min  
Delta R.T.: -0.002 min  
Response: 148892740  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



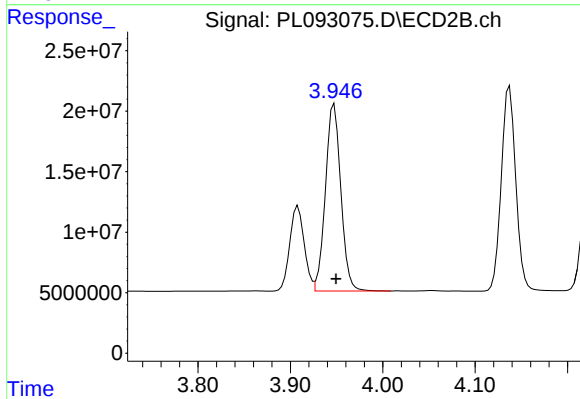
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: -0.002 min  
Response: 183468467  
Conc: 47.54 ng/ml



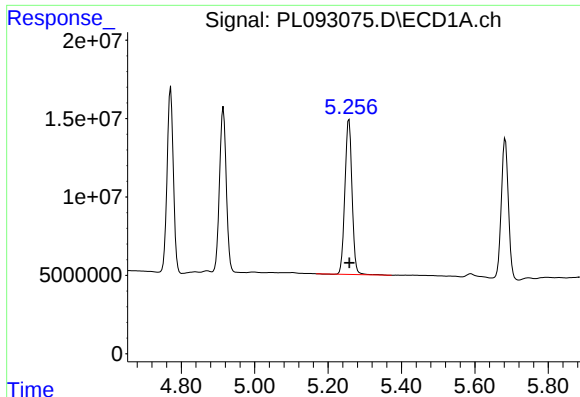
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: -0.002 min  
Response: 133148426  
Conc: 44.34 ng/ml



#4 Heptachlor

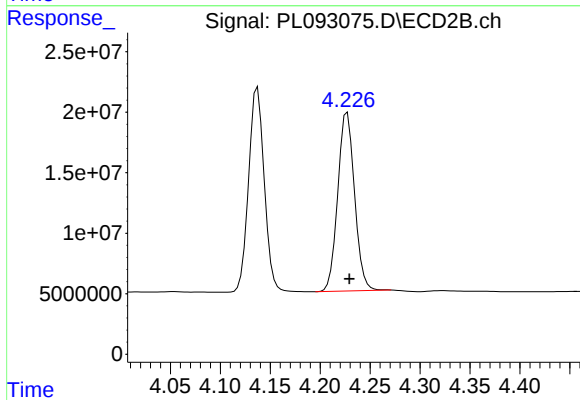
R.T.: 3.947 min  
Delta R.T.: -0.002 min  
Response: 179379106  
Conc: 47.53 ng/ml



#5 Aldrin

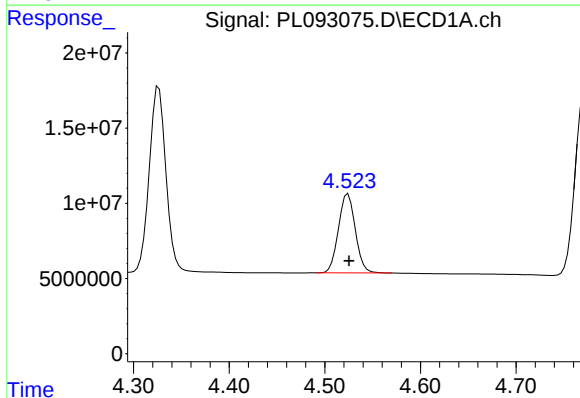
R.T.: 5.257 min  
Delta R.T.: -0.001 min  
Response: 132961647  
Conc: 44.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



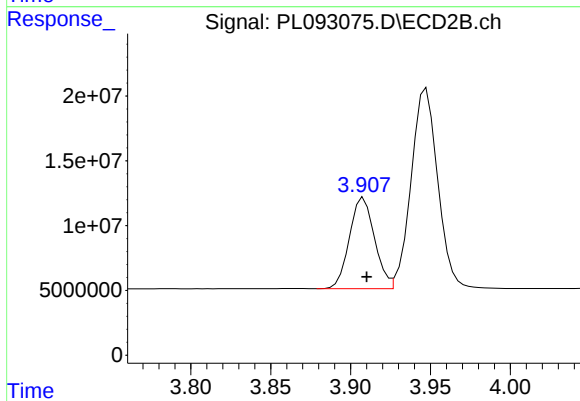
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.002 min  
Response: 172589535  
Conc: 47.15 ng/ml



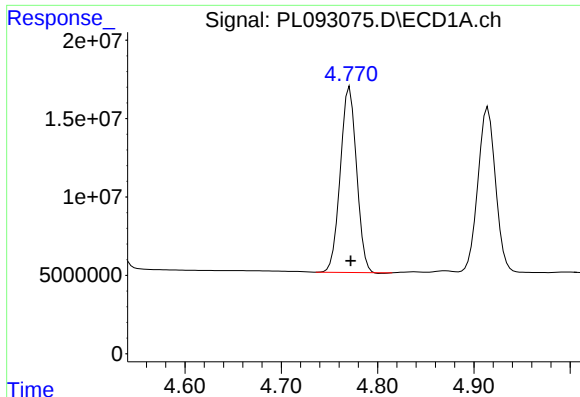
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 64598107  
Conc: 44.69 ng/ml



#6 beta-BHC

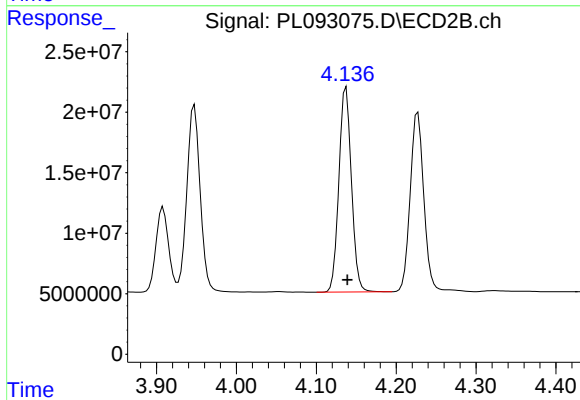
R.T.: 3.908 min  
Delta R.T.: -0.002 min  
Response: 76909936  
Conc: 46.72 ng/ml



#7 delta-BHC

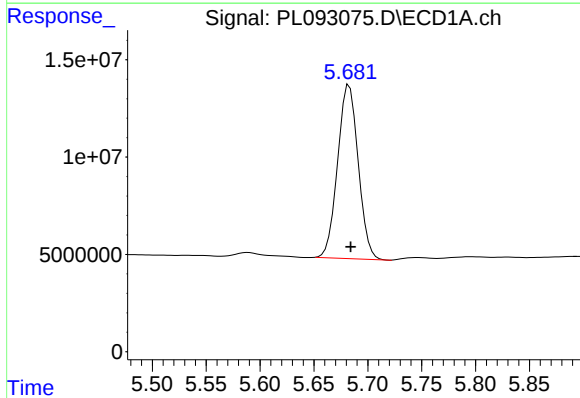
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 138074621  
Conc: 44.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



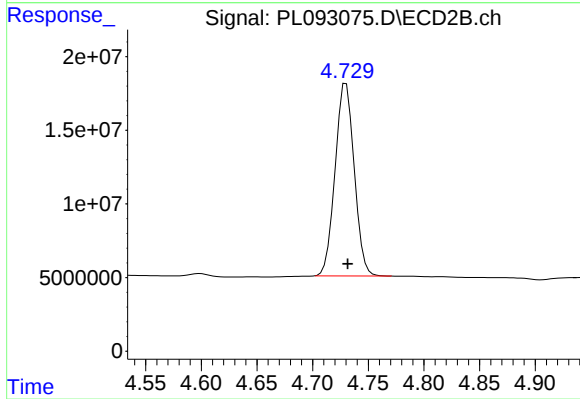
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: -0.002 min  
Response: 184470478  
Conc: 48.00 ng/ml



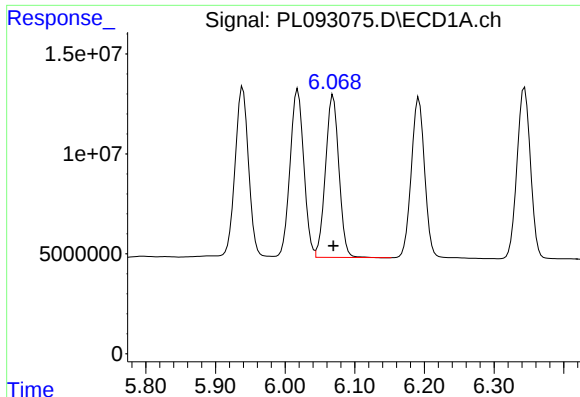
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.001 min  
Response: 118859056  
Conc: 43.04 ng/ml



#8 Heptachlor epoxide

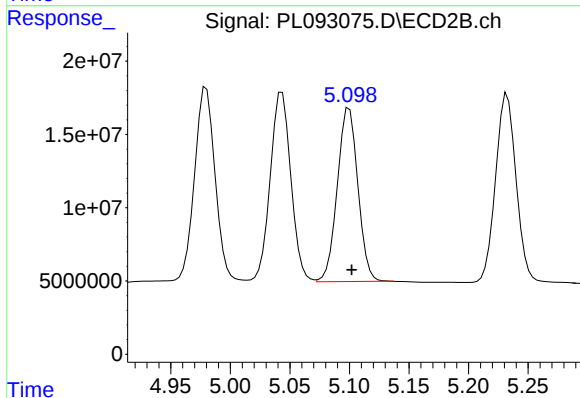
R.T.: 4.730 min  
Delta R.T.: -0.002 min  
Response: 156419485  
Conc: 46.81 ng/ml



#9 Endosulfan I

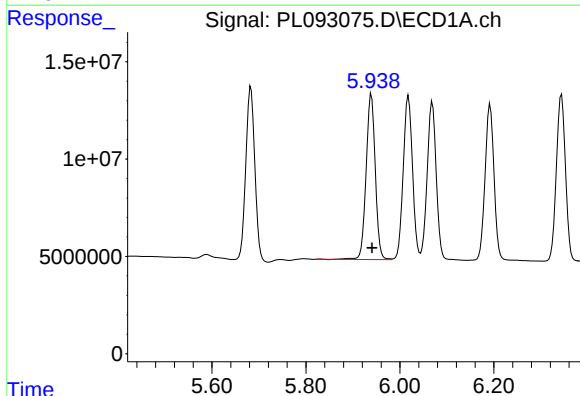
R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 109143875  
Conc: 43.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



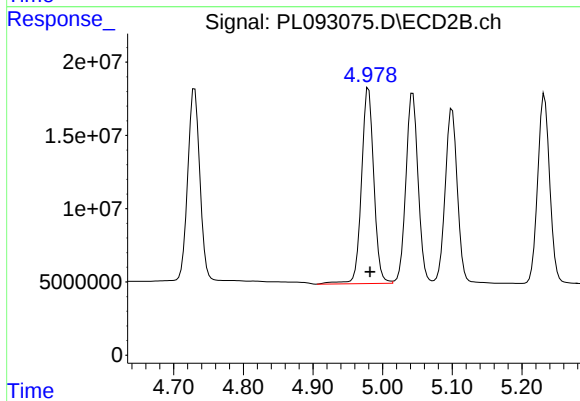
#9 Endosulfan I

R.T.: 5.100 min  
Delta R.T.: -0.002 min  
Response: 142365886  
Conc: 46.63 ng/ml



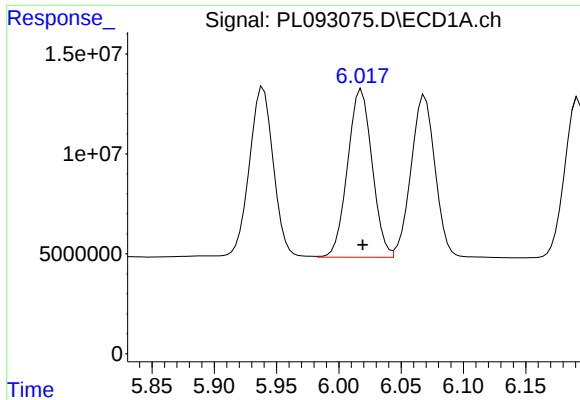
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 115446920  
Conc: 43.39 ng/ml



#10 gamma-Chlordane

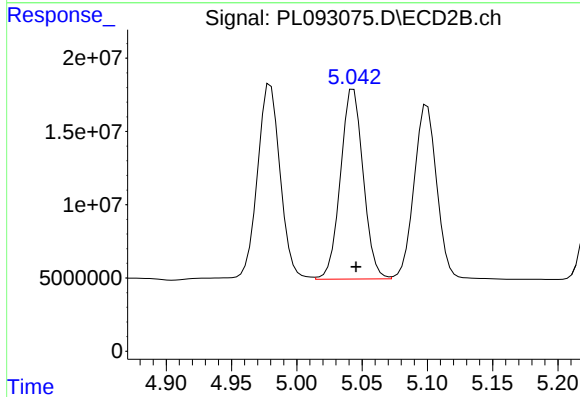
R.T.: 4.980 min  
Delta R.T.: -0.002 min  
Response: 164698645  
Conc: 48.99 ng/ml



#11 alpha-Chlordane

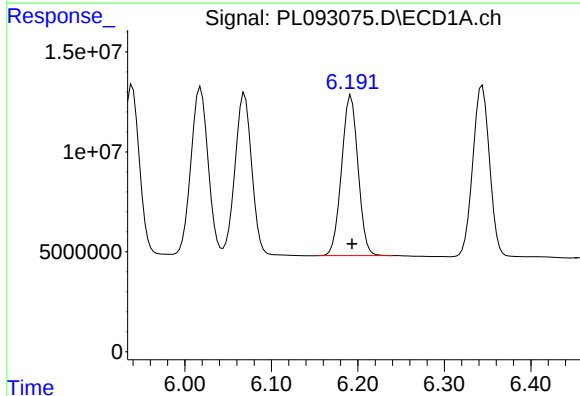
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 115582827  
Conc: 43.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



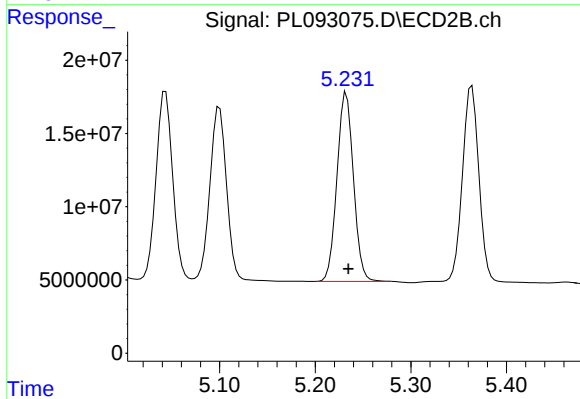
#11 alpha-Chlordane

R.T.: 5.043 min  
Delta R.T.: -0.002 min  
Response: 157259976  
Conc: 47.28 ng/ml



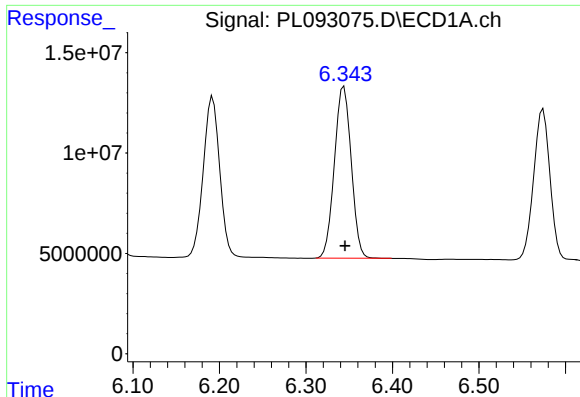
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: -0.001 min  
Response: 105526516  
Conc: 44.54 ng/ml



#12 4,4'-DDE

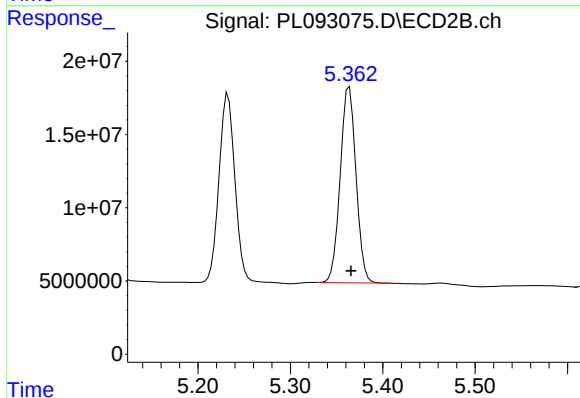
R.T.: 5.232 min  
Delta R.T.: -0.002 min  
Response: 154371232  
Conc: 47.92 ng/ml



#13 Dieldrin

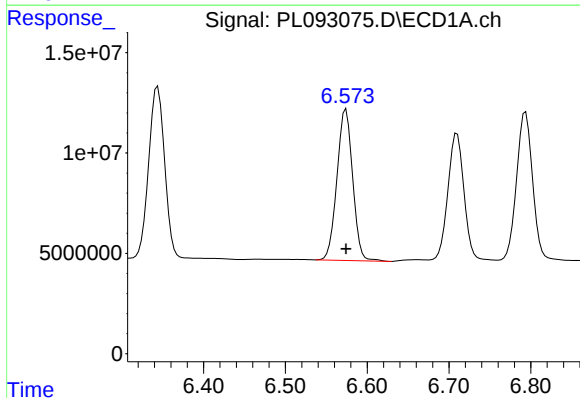
R.T.: 6.344 min  
Delta R.T.: -0.001 min  
Response: 115186150  
Conc: 43.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



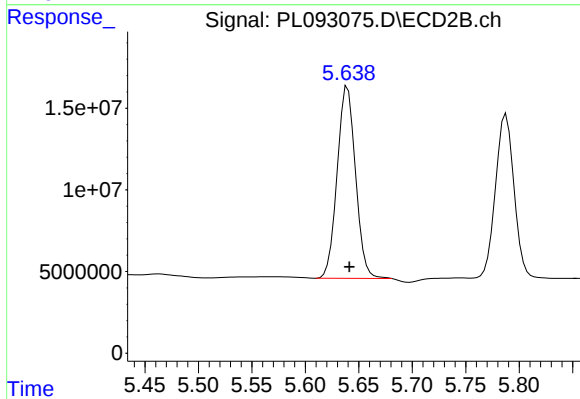
#13 Dieldrin

R.T.: 5.364 min  
Delta R.T.: -0.002 min  
Response: 159210590  
Conc: 47.66 ng/ml



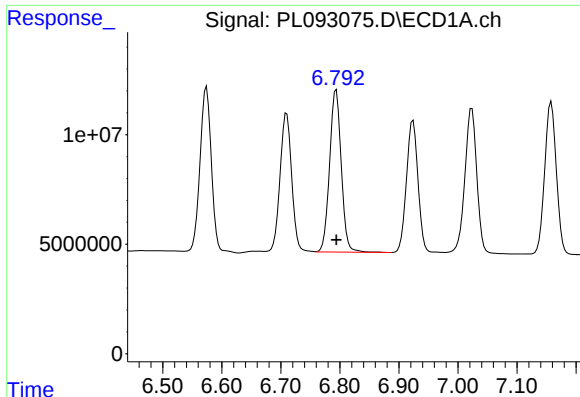
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.000 min  
Response: 100476084  
Conc: 44.13 ng/ml



#14 Endrin

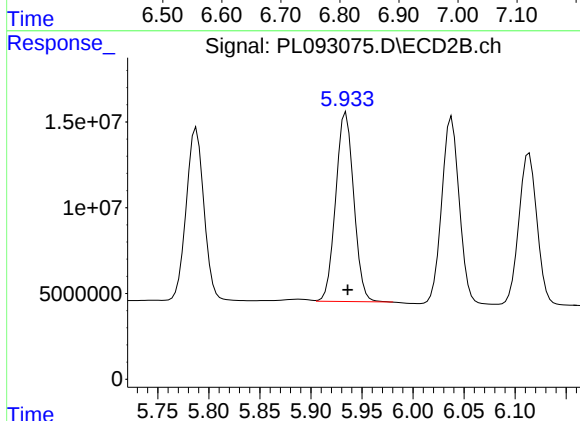
R.T.: 5.640 min  
Delta R.T.: -0.002 min  
Response: 140822567  
Conc: 48.68 ng/ml



#15 Endosulfan II

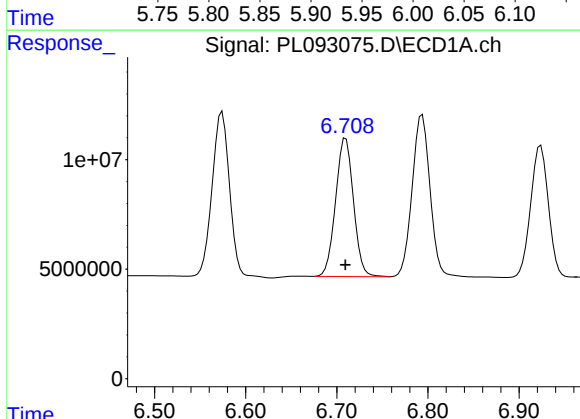
R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 101689202  
Conc: 42.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



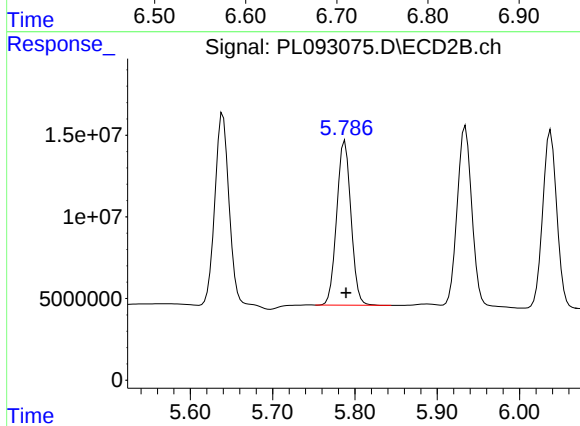
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: -0.002 min  
Response: 135758640  
Conc: 47.92 ng/ml



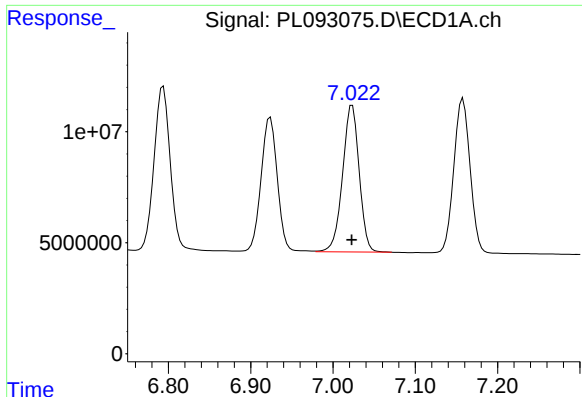
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 86007285  
Conc: 44.81 ng/ml



#16 4,4'-DDD

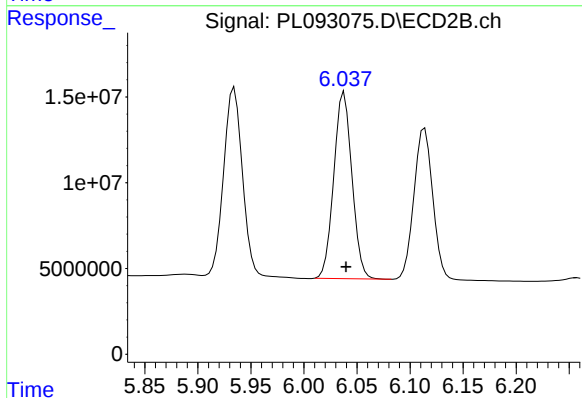
R.T.: 5.788 min  
Delta R.T.: -0.001 min  
Response: 121037834  
Conc: 48.61 ng/ml



#17 4,4'-DDT

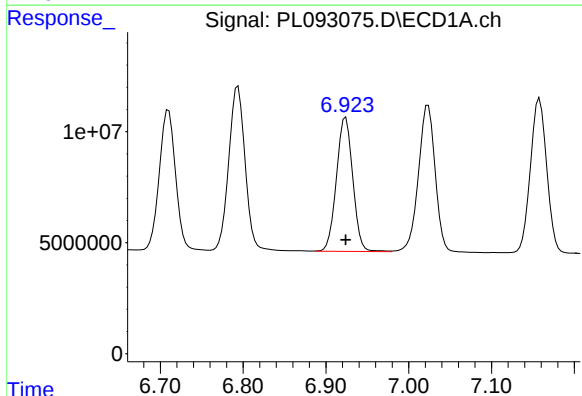
R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 92795405  
Conc: 44.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



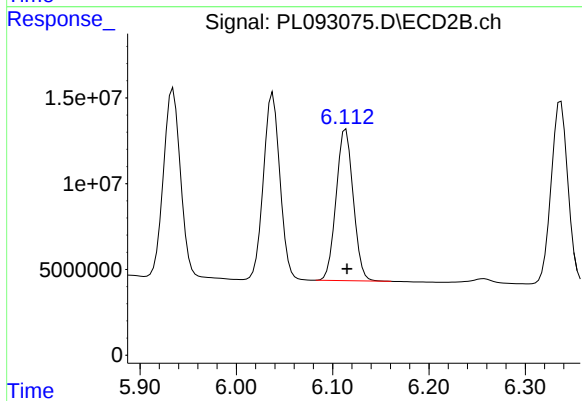
#17 4,4'-DDT

R.T.: 6.038 min  
Delta R.T.: -0.002 min  
Response: 129729856  
Conc: 48.37 ng/ml



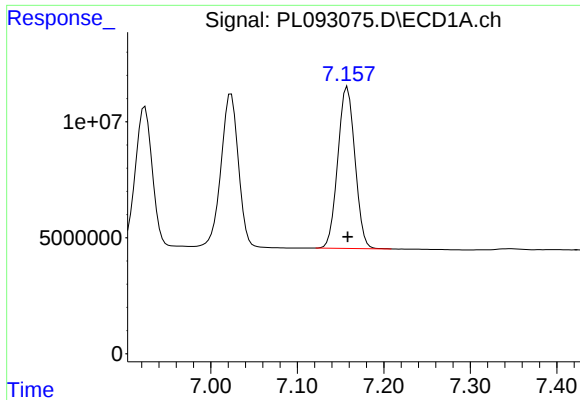
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 82661389  
Conc: 44.02 ng/ml



#18 Endrin aldehyde

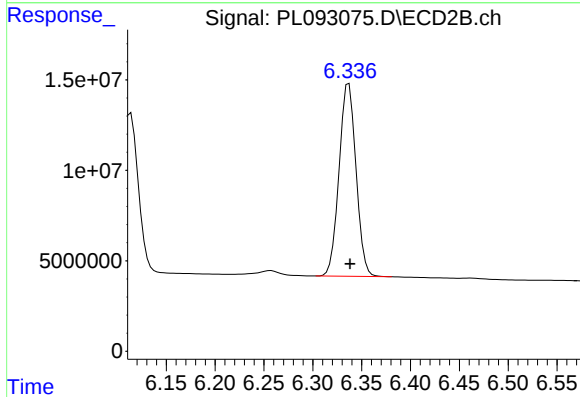
R.T.: 6.114 min  
Delta R.T.: -0.001 min  
Response: 108906570  
Conc: 47.20 ng/ml



#19 Endosulfan Sulfate

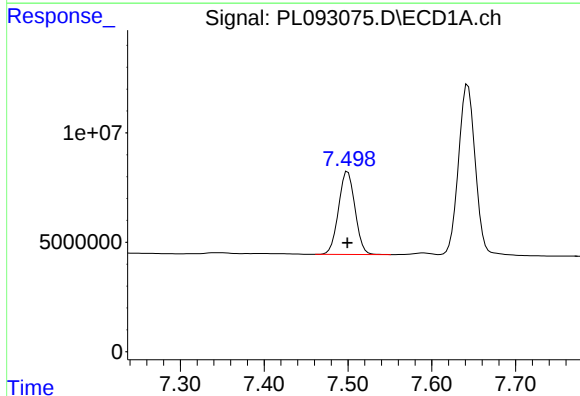
R.T.: 7.158 min  
Delta R.T.: 0.000 min  
Response: 95414254  
Conc: 43.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



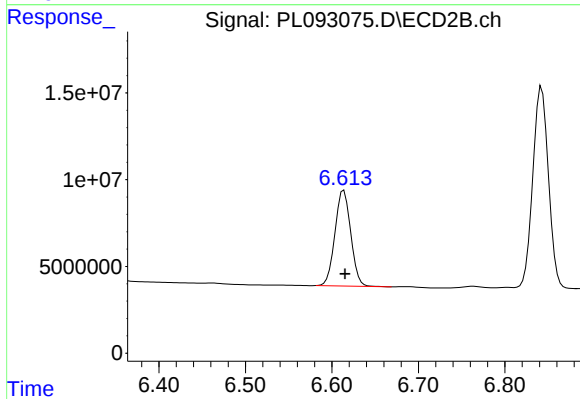
#19 Endosulfan Sulfate

R.T.: 6.337 min  
Delta R.T.: -0.001 min  
Response: 128715634  
Conc: 47.73 ng/ml



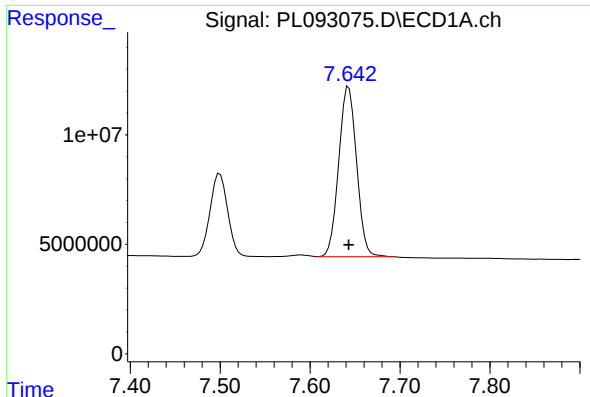
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 51638001  
Conc: 45.30 ng/ml



#20 Methoxychlor

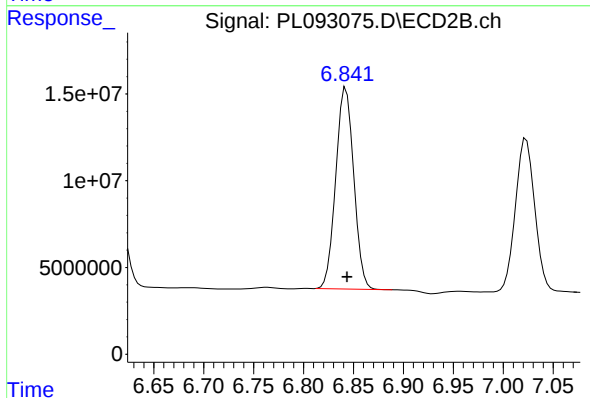
R.T.: 6.614 min  
Delta R.T.: -0.001 min  
Response: 69742021  
Conc: 48.84 ng/ml



#21 Endrin ketone

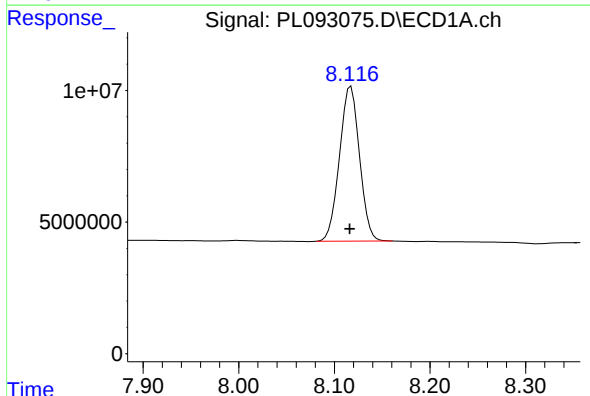
R.T.: 7.643 min  
Delta R.T.: 0.000 min  
Response: 107327397  
Conc: 44.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



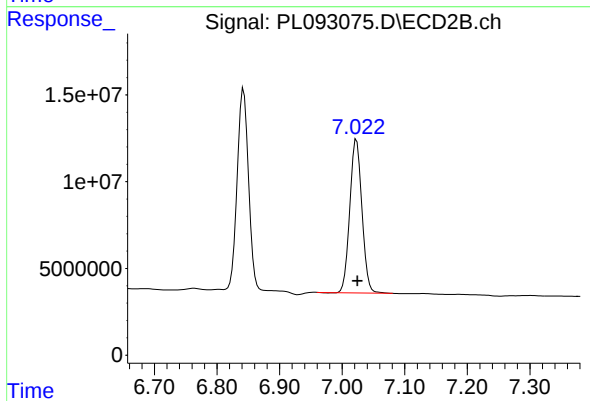
#21 Endrin ketone

R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 145696424  
Conc: 47.48 ng/ml



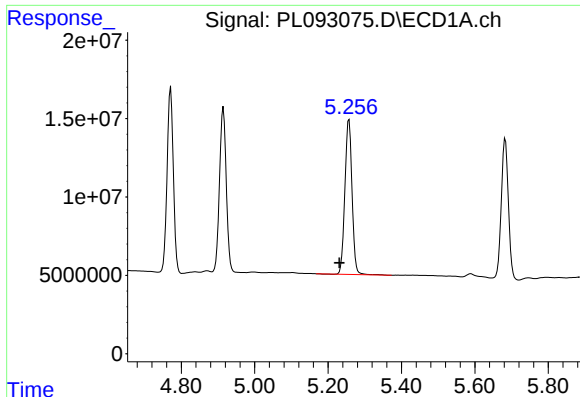
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.001 min  
Response: 85605952  
Conc: 43.20 ng/ml



#22 Mirex

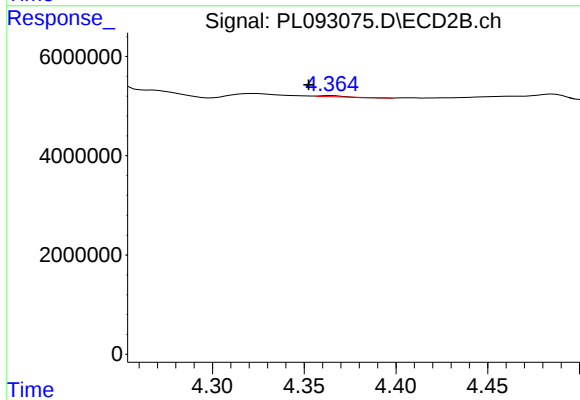
R.T.: 7.023 min  
Delta R.T.: -0.001 min  
Response: 119715051  
Conc: 45.88 ng/ml



#24 Chlordane-2

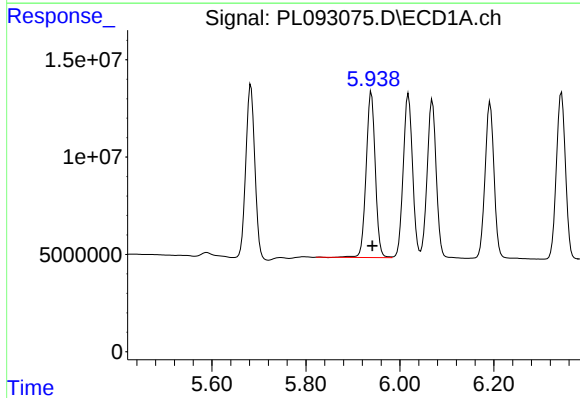
R.T.: 5.257 min  
Delta R.T.: 0.026 min  
Response: 132961647  
Conc: 1160.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



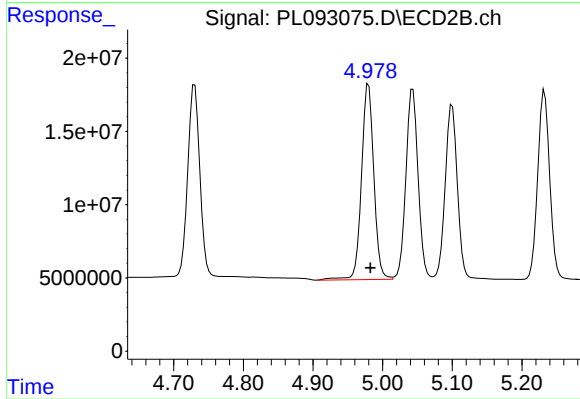
#24 Chlordane-2

R.T.: 4.365 min  
Delta R.T.: 0.013 min  
Response: 124554  
Conc: 1.01 ng/ml



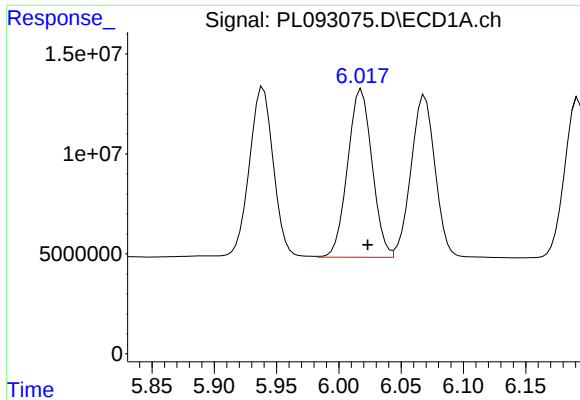
#25 Chlordane-3

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 115446920  
Conc: 295.78 ng/ml



#25 Chlordane-3

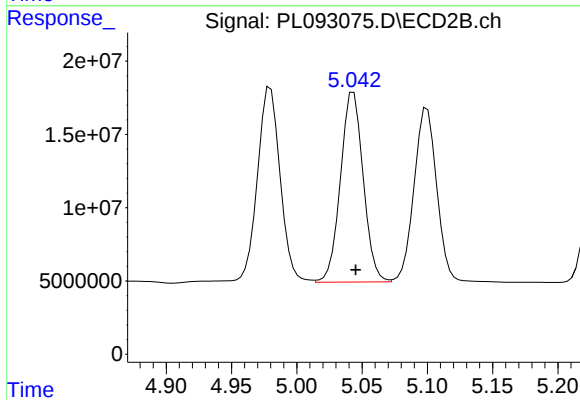
R.T.: 4.980 min  
Delta R.T.: -0.003 min  
Response: 164698645  
Conc: 454.11 ng/ml



#26 Chlordane-4

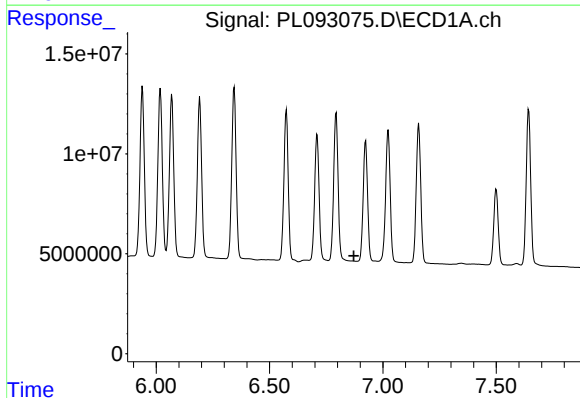
R.T.: 6.018 min  
Delta R.T.: -0.005 min  
Response: 115582827  
Conc: 241.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



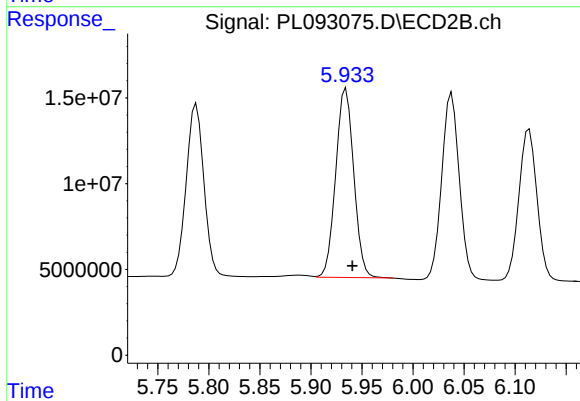
#26 Chlordane-4

R.T.: 5.043 min  
Delta R.T.: -0.002 min  
Response: 157259976  
Conc: 449.55 ng/ml



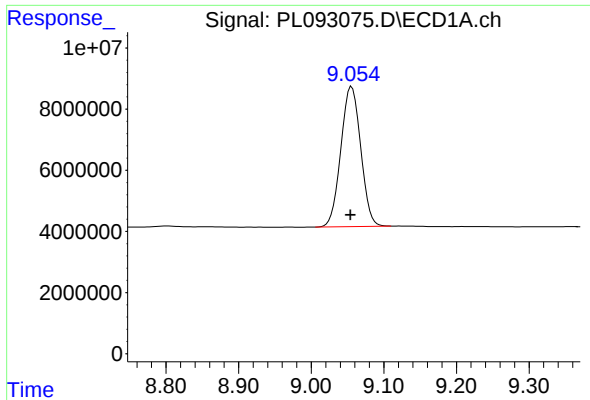
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.872 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

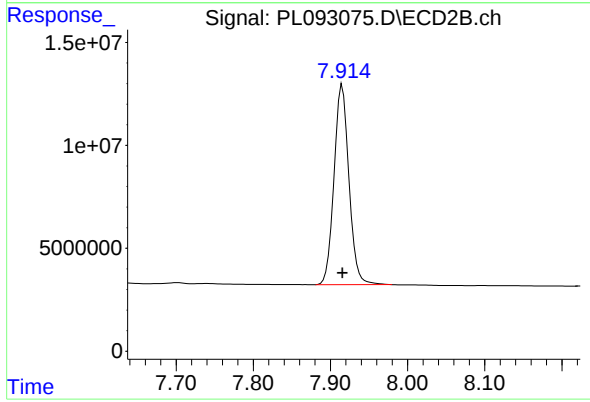
R.T.: 5.934 min  
Delta R.T.: -0.006 min  
Response: 135758640  
Conc: 1070.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.002 min  
Response: 87052974  
Conc: 45.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: 0.000 min  
Response: 130802919  
Conc: 47.93 ng/ml