

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072924\  
 Data File : PL090690.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jul 2024 15:40  
 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: Jul 30 01:52:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 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... | 3.547  | 2.789  | 93797329 | 80629347 | 45.047   | 47.909    |
| 28)                         | SA Decachlor... | 9.063  | 7.934  | 62478152 | 69306013 | 47.016   | 47.532    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.003  | 3.293  | 133.9E6  | 116.2E6  | 45.112   | 48.114    |
| 3)                          | MA gamma-BHC... | 4.335  | 3.624  | 124.1E6  | 109.1E6  | 44.329   | 47.312    |
| 4)                          | MA Heptachlor   | 4.925  | 3.964  | 113.5E6  | 102.9E6  | 44.599   | 46.649    |
| 5)                          | MB Aldrin       | 5.266  | 4.245  | 111.3E6  | 101.7E6  | 44.547   | 47.807    |
| 6)                          | B beta-BHC      | 4.531  | 3.922  | 71251514 | 48708976 | 56.169   | 47.189    |
| 7)                          | B delta-BHC     | 4.779  | 4.152  | 120.0E6  | 105.7E6  | 44.763   | 48.040    |
| 8)                          | B Heptachlo...  | 5.692  | 4.747  | 102.9E6  | 92107224 | 43.782   | 47.225    |
| 9)                          | A Endosulfan I  | 6.078  | 5.117  | 96172879 | 86107156 | 44.967   | 47.085    |
| 10)                         | B gamma-Chl...  | 5.948  | 4.997  | 104.8E6  | 96235586 | 45.062   | 47.467    |
| 11)                         | B alpha-Chl...  | 6.027  | 5.061  | 102.6E6  | 95697392 | 44.700   | 47.360    |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.250  | 91263657 | 85340642 | 45.135   | 47.753    |
| 13)                         | MA Dieldrin     | 6.353  | 5.382  | 100.5E6  | 92619383 | 45.229   | 47.233    |
| 14)                         | MA Endrin       | 6.582  | 5.657  | 75695524 | 79655858 | 41.174   | 46.282    |
| 15)                         | B Endosulfa...  | 6.801  | 5.952  | 85785161 | 80931368 | 43.615   | 47.373    |
| 16)                         | A 4,4'-DDD      | 6.716  | 5.805  | 78026004 | 72968772 | 46.218   | 48.702    |
| 17)                         | MA 4,4'-DDT     | 7.031  | 6.056  | 74839404 | 67968595 | 44.460   | 46.390    |
| 18)                         | B Endrin al...  | 6.932  | 6.131  | 67430996 | 61625100 | 45.451   | 47.166    |
| 19)                         | B Endosulfa...  | 7.166  | 6.354  | 79581502 | 76730459 | 45.314   | 47.585    |
| 20)                         | A Methoxychlor  | 7.505  | 6.631  | 41431197 | 37673914 | 46.926   | 46.594    |
| 21)                         | B Endrin ke...  | 7.650  | 6.860  | 89705541 | 87793896 | 46.991   | 48.040    |
| 22)                         | Mirex           | 8.124  | 7.042  | 67918826 | 70883444 | 47.957   | 47.682    |
| 24)                         | Chlordane-2     | 5.266f | 4.382  | 111.3E6  | 562176   | 1087.377 | 7.413 #   |
| 25)                         | Chlordane-3     | 5.948  | 4.997  | 104.8E6  | 96235586 | 316.476  | 465.626 # |
| 26)                         | Chlordane-4     | 6.027  | 5.061  | 102.6E6  | 95697392 | 257.638  | 489.006 # |
| 27)                         | Chlordane-5     | 0.000  | 5.753f | 0        | 256782   | N.D.     | 4.260 #   |
| -----                       |                 |        |        |          |          |          |           |

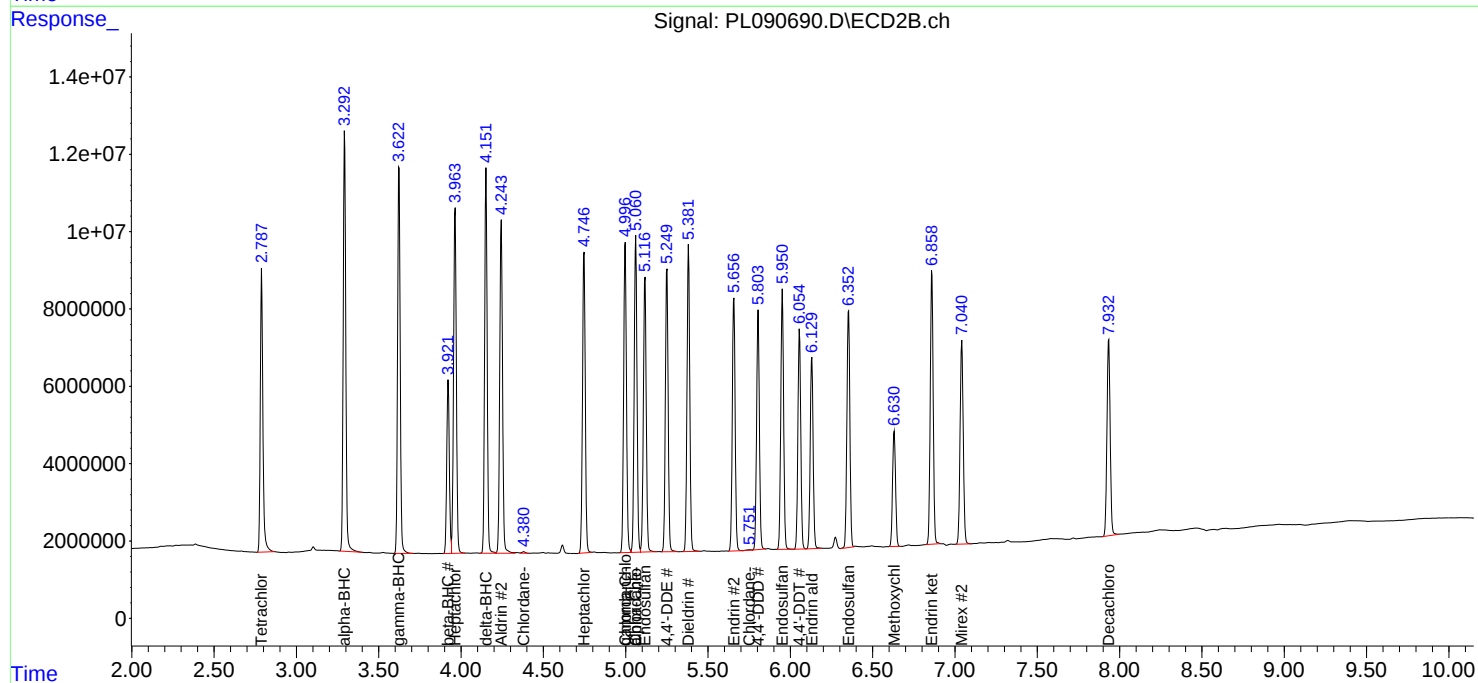
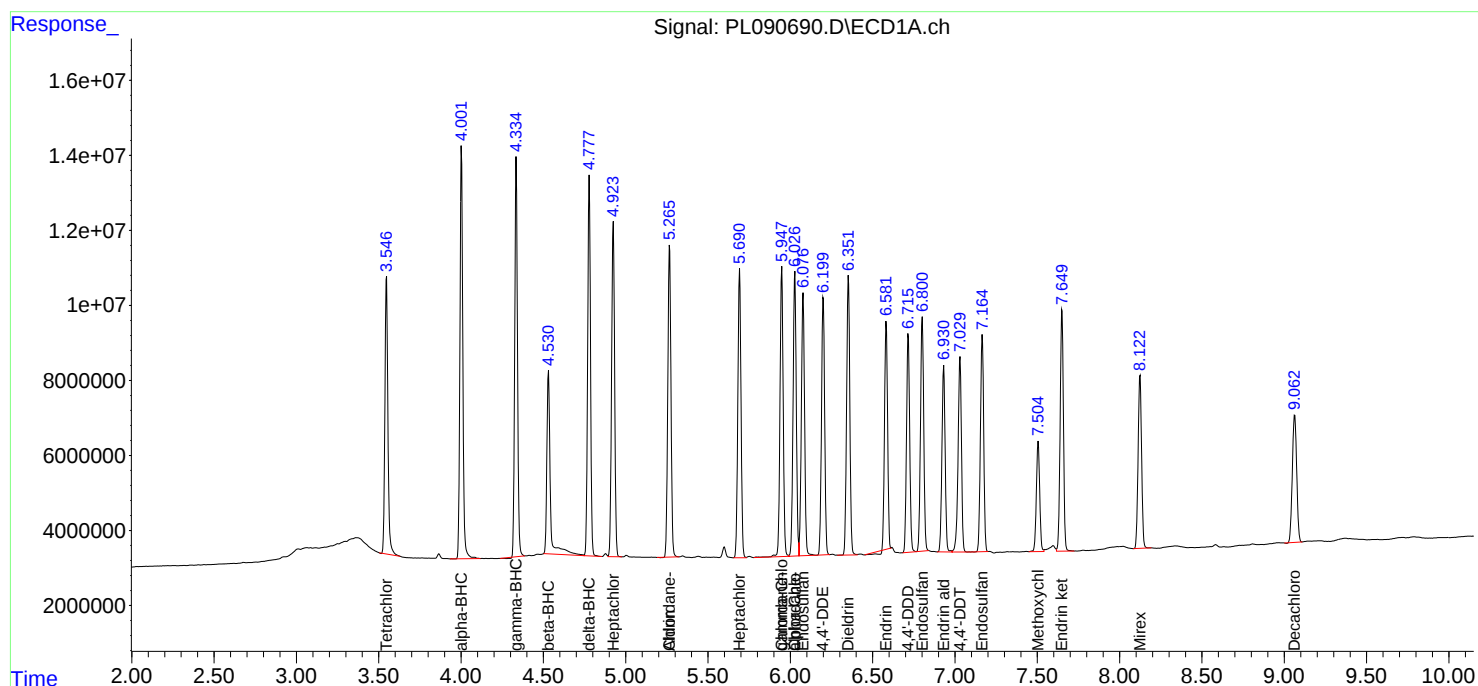
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

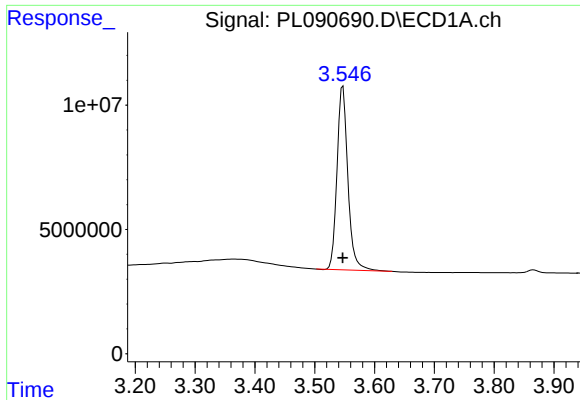
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072924\  
Data File : PL090690.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jul 2024 15:40  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 01:52:04 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 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

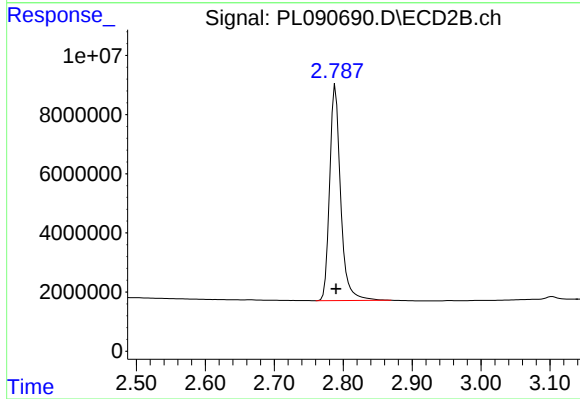




#1 Tetrachloro-m-xylene

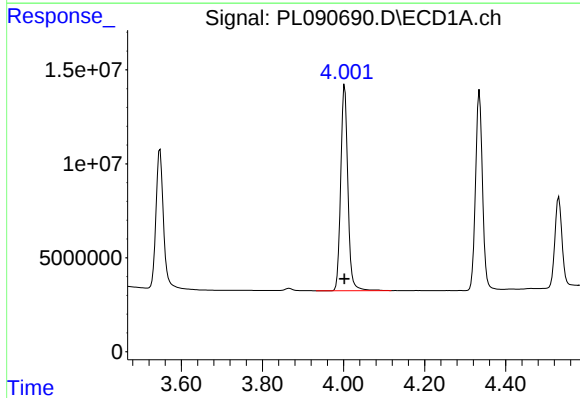
R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 93797329  
Conc: 45.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



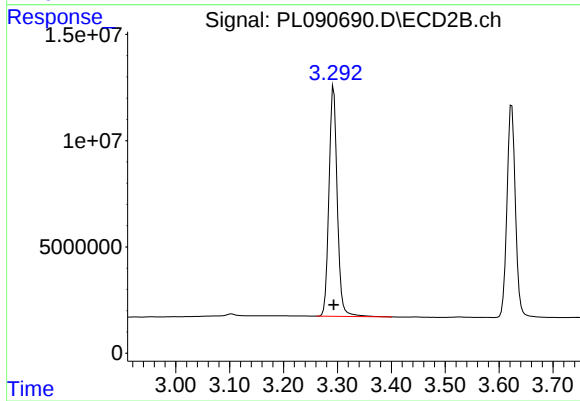
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: 0.000 min  
Response: 80629347  
Conc: 47.91 ng/ml



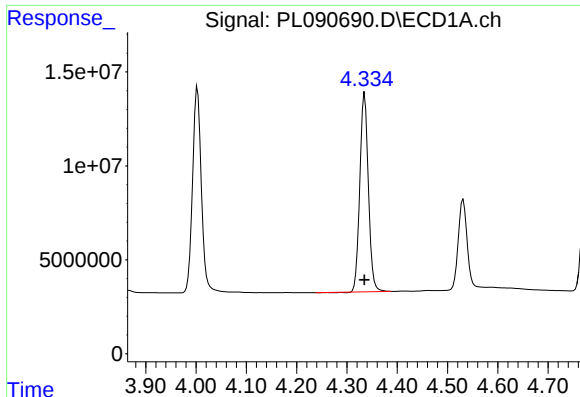
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 133862740  
Conc: 45.11 ng/ml



#2 alpha-BHC

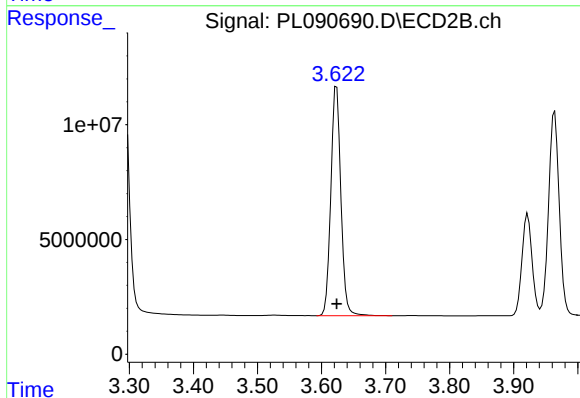
R.T.: 3.293 min  
Delta R.T.: 0.000 min  
Response: 116249457  
Conc: 48.11 ng/ml



#3 gamma-BHC (Lindane)

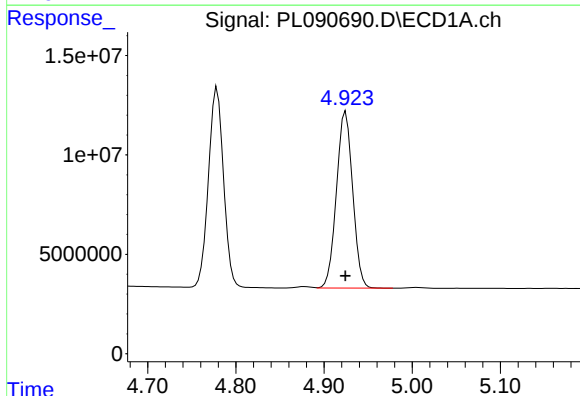
R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 124142628  
Conc: 44.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



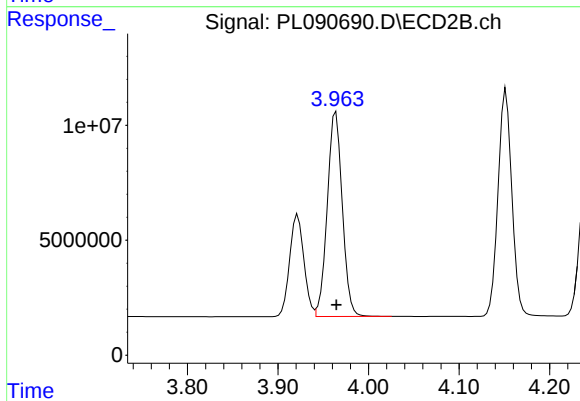
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: 0.000 min  
Response: 109100323  
Conc: 47.31 ng/ml



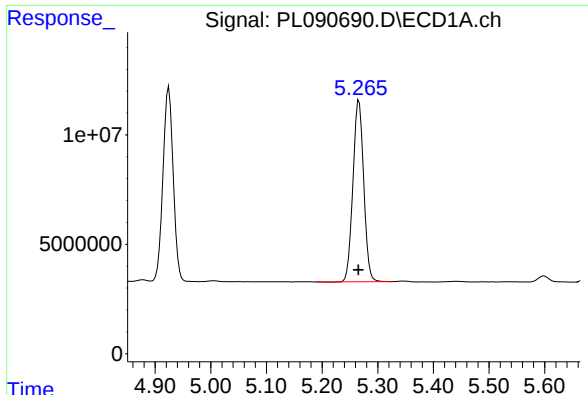
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 113505658  
Conc: 44.60 ng/ml



#4 Heptachlor

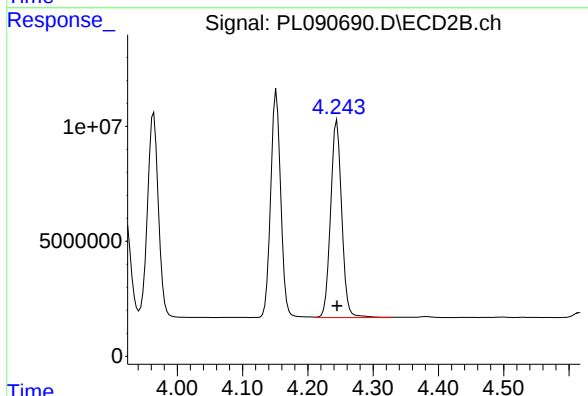
R.T.: 3.964 min  
Delta R.T.: 0.000 min  
Response: 102909300  
Conc: 46.65 ng/ml



#5 Aldrin

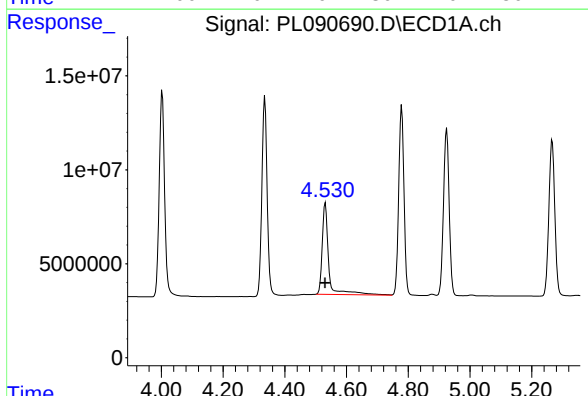
R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 111296514  
Conc: 44.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



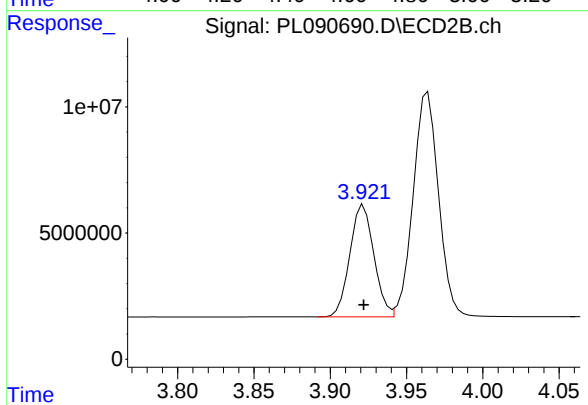
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: 0.000 min  
Response: 101707692  
Conc: 47.81 ng/ml



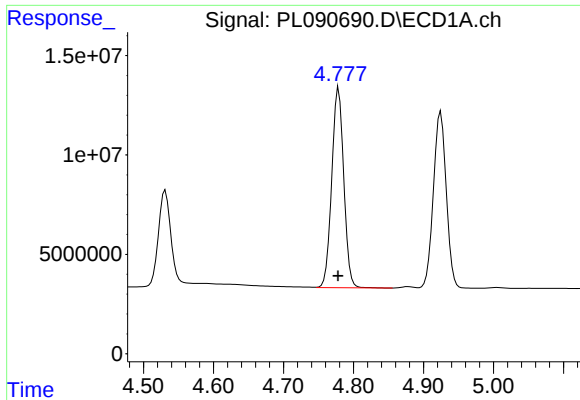
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 71251514  
Conc: 56.17 ng/ml



#6 beta-BHC

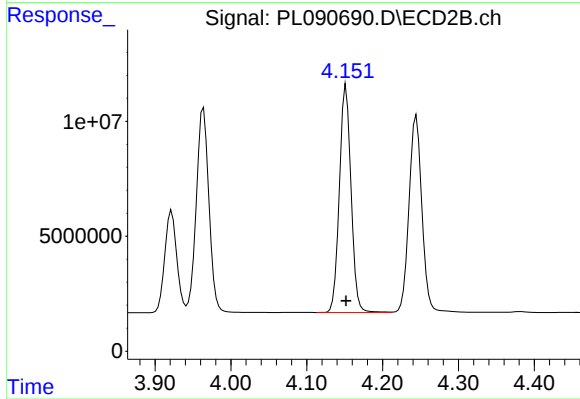
R.T.: 3.922 min  
Delta R.T.: 0.000 min  
Response: 48708976  
Conc: 47.19 ng/ml



#7 delta-BHC

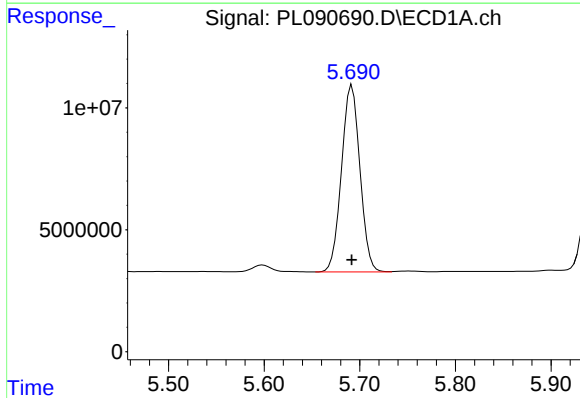
R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 120013268  
Conc: 44.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



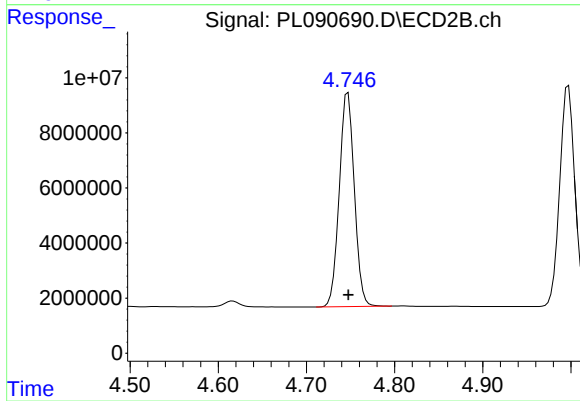
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 105676693  
Conc: 48.04 ng/ml



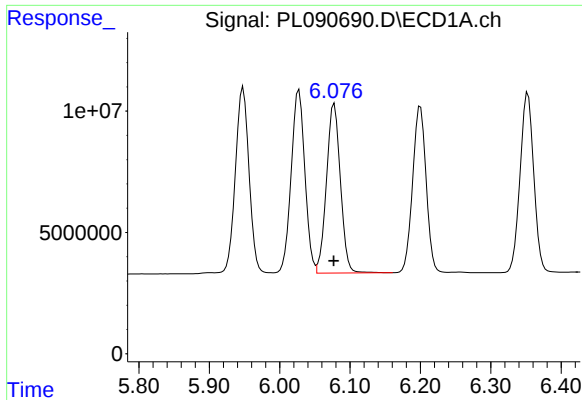
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 102905081  
Conc: 43.78 ng/ml



#8 Heptachlor epoxide

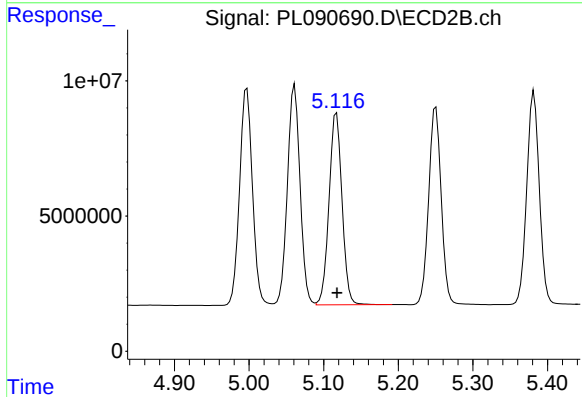
R.T.: 4.747 min  
Delta R.T.: 0.000 min  
Response: 92107224  
Conc: 47.23 ng/ml



#9 Endosulfan I

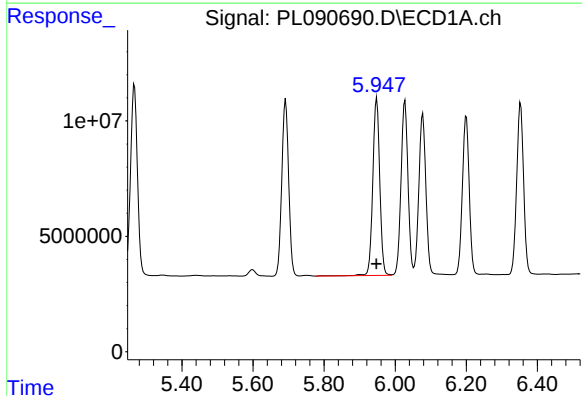
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 96172879  
Conc: 44.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



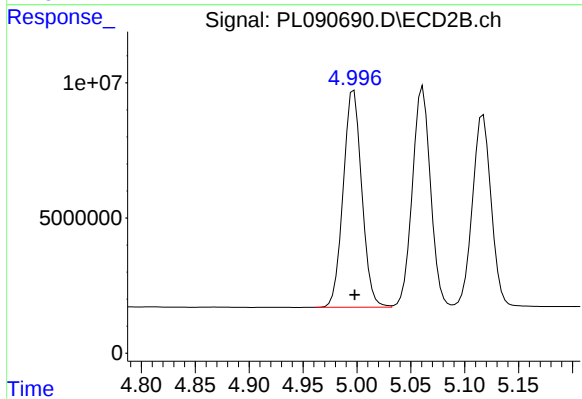
#9 Endosulfan I

R.T.: 5.117 min  
Delta R.T.: 0.000 min  
Response: 86107156  
Conc: 47.09 ng/ml



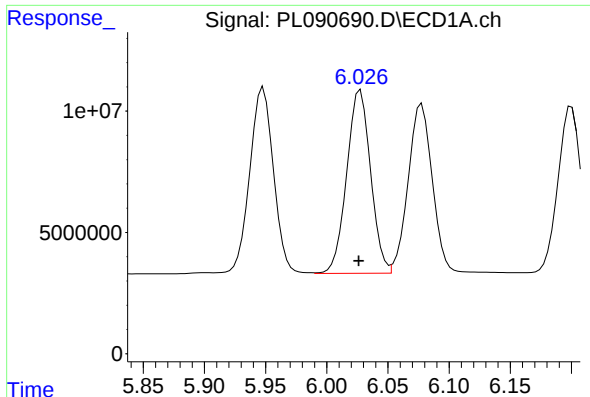
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 104770467  
Conc: 45.06 ng/ml



#10 gamma-Chlordane

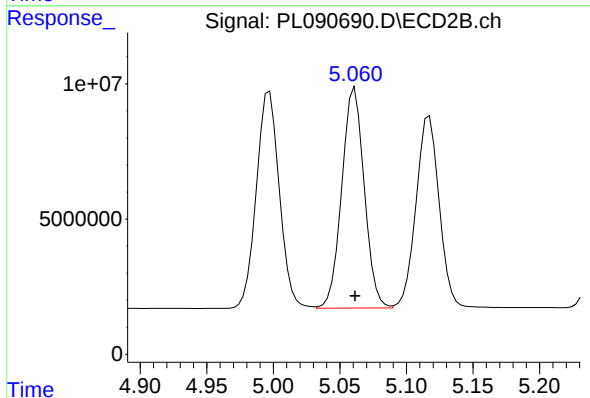
R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 96235586  
Conc: 47.47 ng/ml



#11 alpha-Chlordane

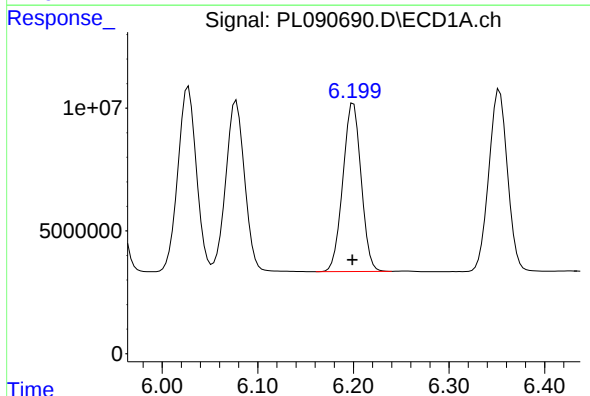
R.T.: 6.027 min  
Delta R.T.: 0.001 min  
Response: 102619481  
Conc: 44.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



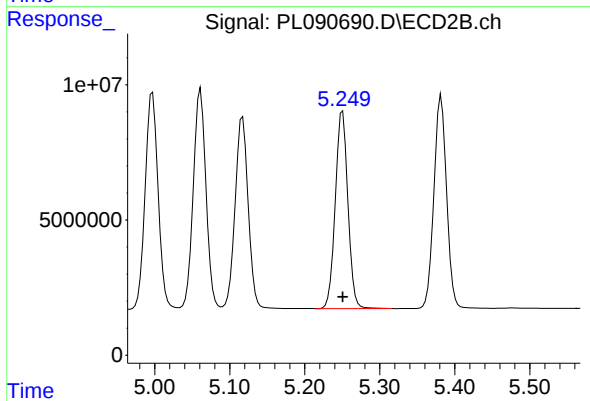
#11 alpha-Chlordane

R.T.: 5.061 min  
Delta R.T.: 0.000 min  
Response: 95697392  
Conc: 47.36 ng/ml



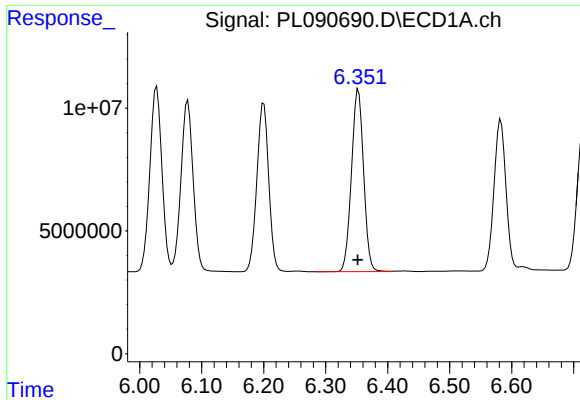
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.001 min  
Response: 91263657  
Conc: 45.13 ng/ml



#12 4,4'-DDE

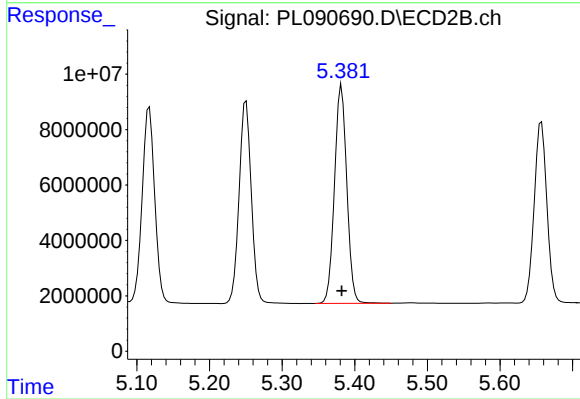
R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 85340642  
Conc: 47.75 ng/ml



#13 Dieldrin

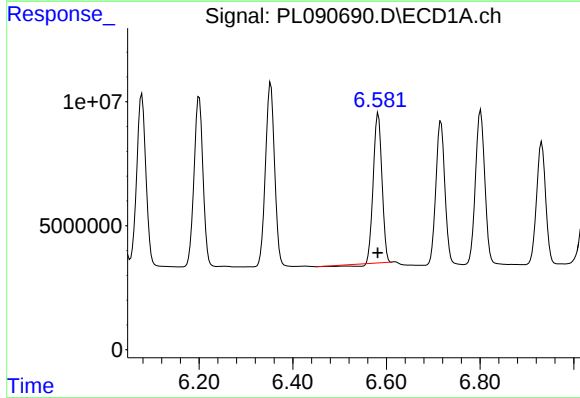
R.T.: 6.353 min  
Delta R.T.: 0.001 min  
Response: 100490399  
Conc: 45.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



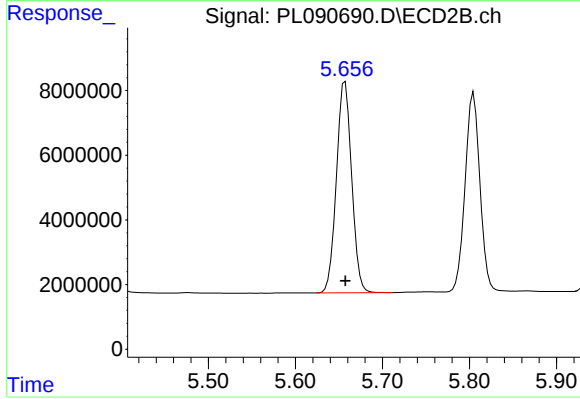
#13 Dieldrin

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 92619383  
Conc: 47.23 ng/ml



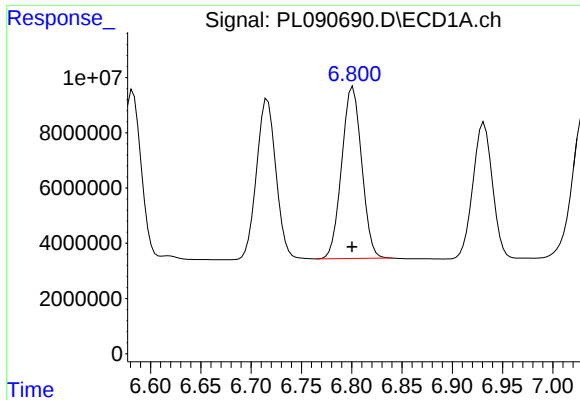
#14 Endrin

R.T.: 6.582 min  
Delta R.T.: 0.000 min  
Response: 75695524  
Conc: 41.17 ng/ml



#14 Endrin

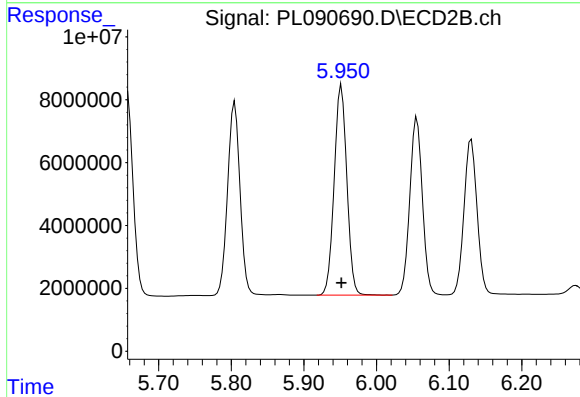
R.T.: 5.657 min  
Delta R.T.: 0.000 min  
Response: 79655858  
Conc: 46.28 ng/ml



#15 Endosulfan II

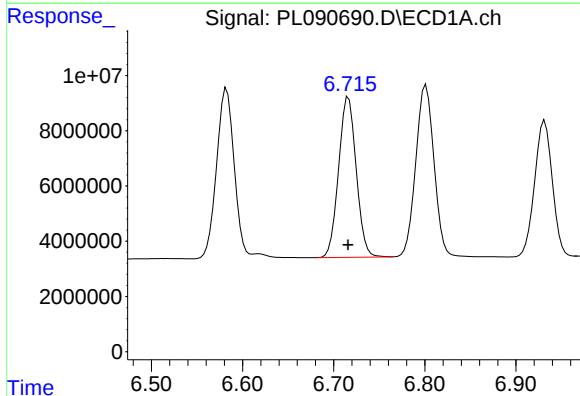
R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 85785161  
Conc: 43.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



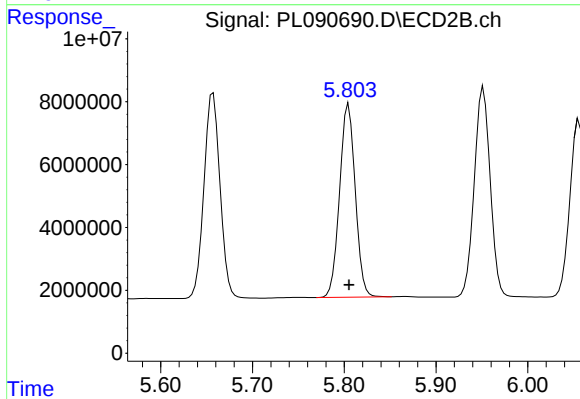
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 80931368  
Conc: 47.37 ng/ml



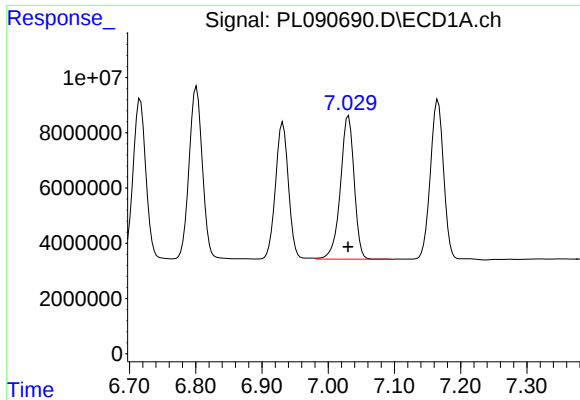
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 78026004  
Conc: 46.22 ng/ml



#16 4,4'-DDD

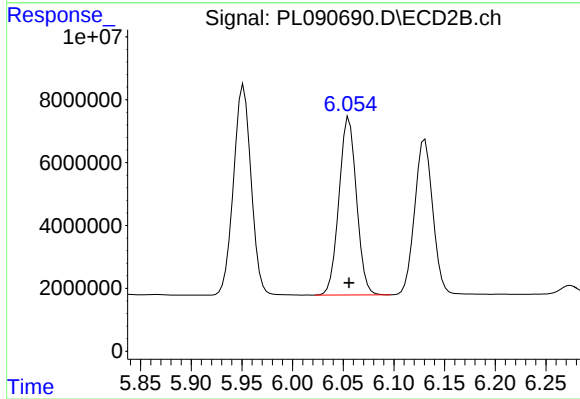
R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 72968772  
Conc: 48.70 ng/ml



#17 4,4'-DDT

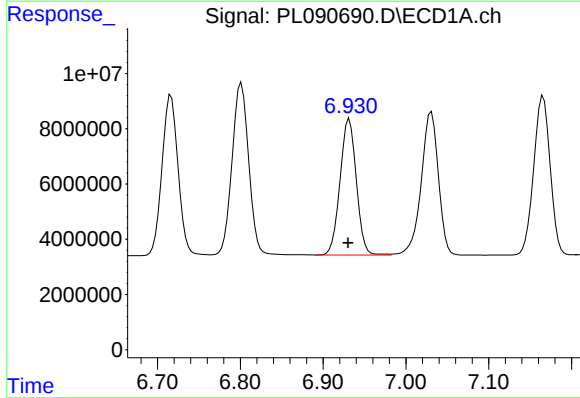
R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 74839404  
Conc: 44.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



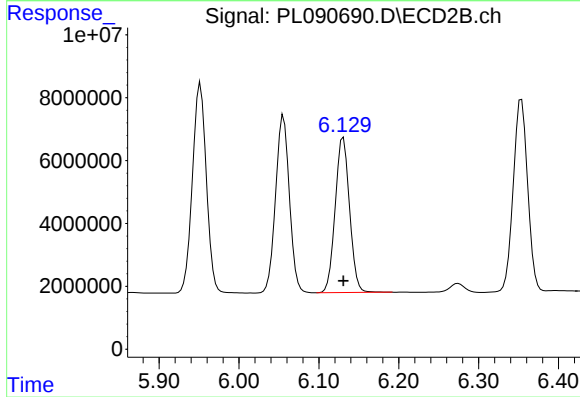
#17 4,4'-DDT

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 67968595  
Conc: 46.39 ng/ml



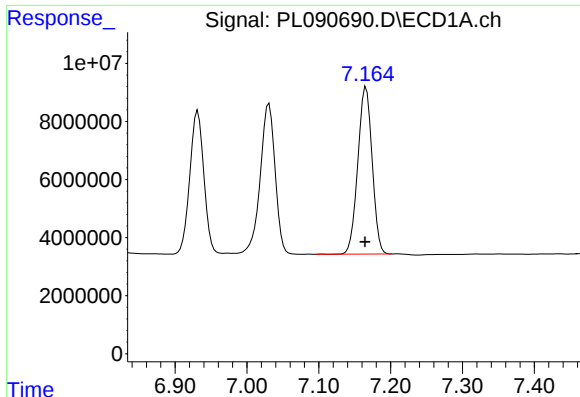
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: 0.002 min  
Response: 67430996  
Conc: 45.45 ng/ml



#18 Endrin aldehyde

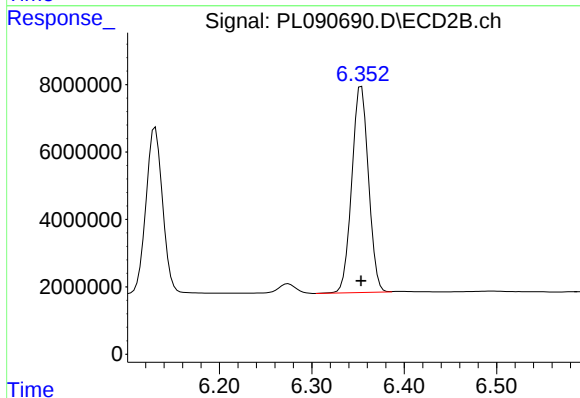
R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 61625100  
Conc: 47.17 ng/ml



#19 Endosulfan Sulfate

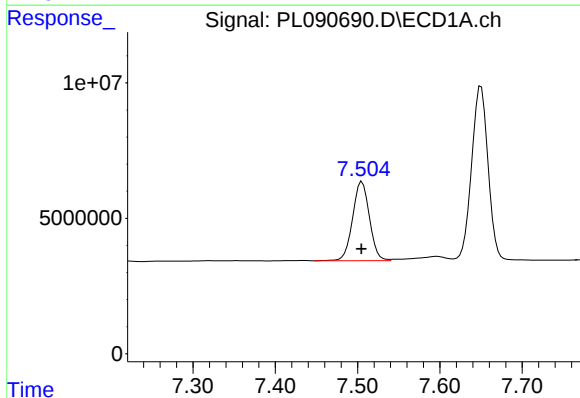
R.T.: 7.166 min  
Delta R.T.: 0.002 min  
Response: 79581502  
Conc: 45.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



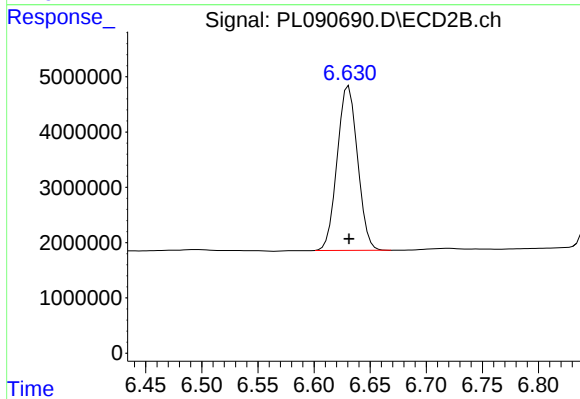
#19 Endosulfan Sulfate

R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 76730459  
Conc: 47.58 ng/ml



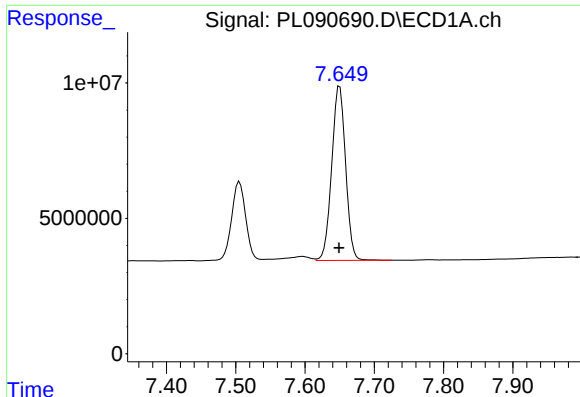
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.000 min  
Response: 41431197  
Conc: 46.93 ng/ml



#20 Methoxychlor

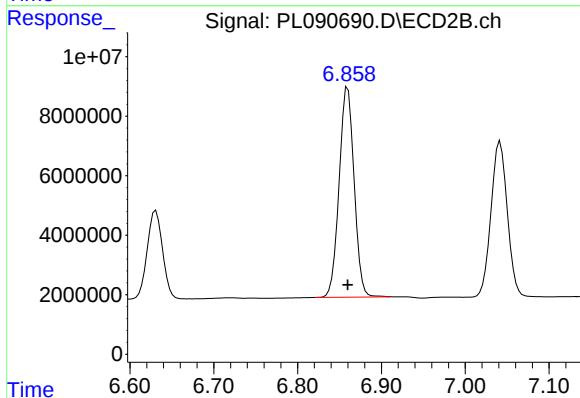
R.T.: 6.631 min  
Delta R.T.: 0.000 min  
Response: 37673914  
Conc: 46.59 ng/ml



#21 Endrin ketone

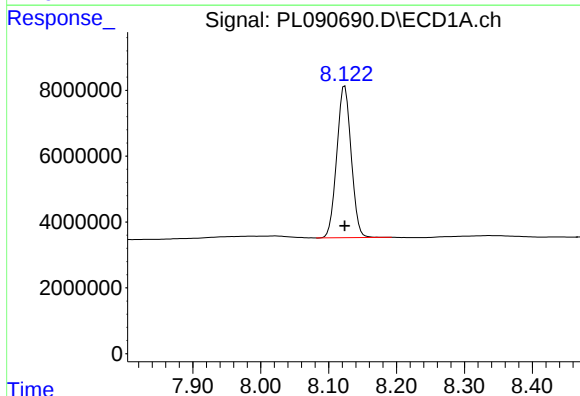
R.T.: 7.650 min  
Delta R.T.: 0.000 min  
Response: 89705541  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



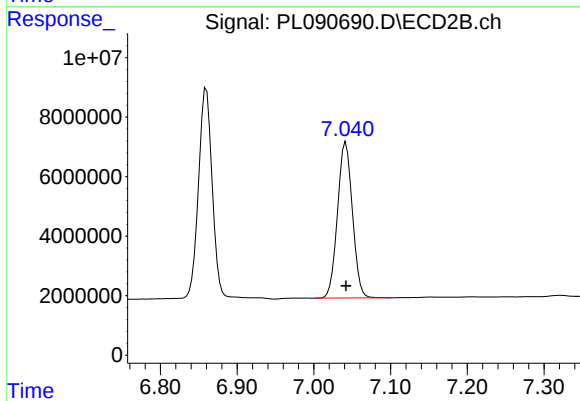
#21 Endrin ketone

R.T.: 6.860 min  
Delta R.T.: 0.000 min  
Response: 87793896  
Conc: 48.04 ng/ml



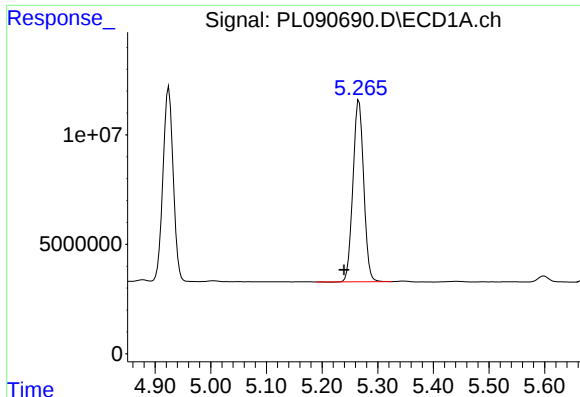
#22 Mirex

R.T.: 8.124 min  
Delta R.T.: 0.000 min  
Response: 67918826  
Conc: 47.96 ng/ml



#22 Mirex

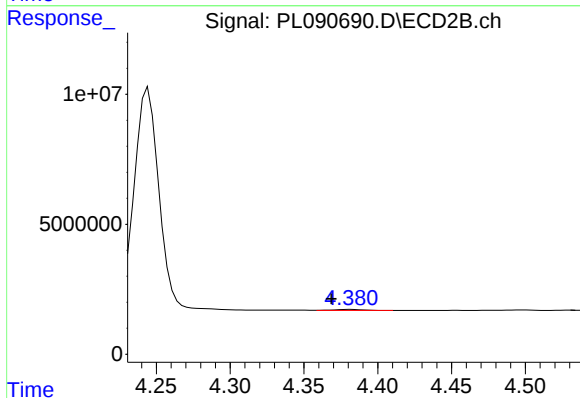
R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 70883444  
Conc: 47.68 ng/ml



#24 Chlordane-2

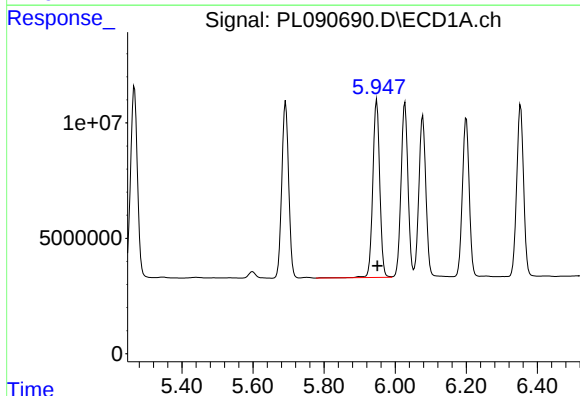
R.T.: 5.266 min  
Delta R.T.: 0.027 min  
Response: 111296514  
Conc: 1087.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



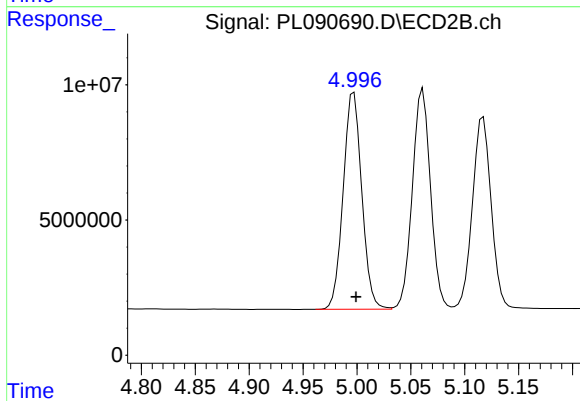
#24 Chlordane-2

R.T.: 4.382 min  
Delta R.T.: 0.013 min  
Response: 562176  
Conc: 7.41 ng/ml



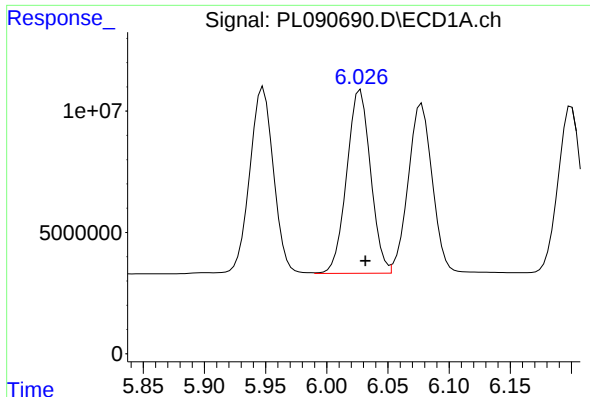
#25 Chlordane-3

R.T.: 5.948 min  
Delta R.T.: -0.002 min  
Response: 104770467  
Conc: 316.48 ng/ml



#25 Chlordane-3

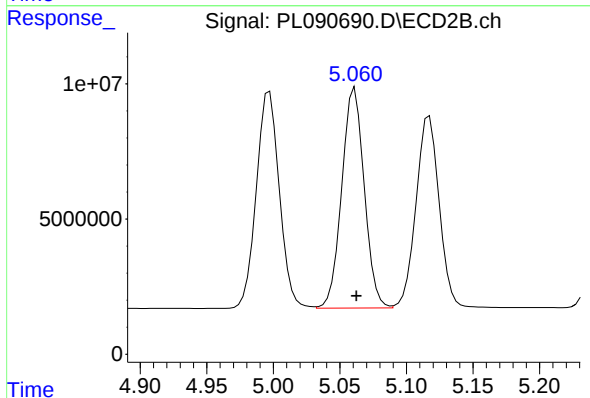
R.T.: 4.997 min  
Delta R.T.: -0.002 min  
Response: 96235586  
Conc: 465.63 ng/ml



#26 Chlordane-4

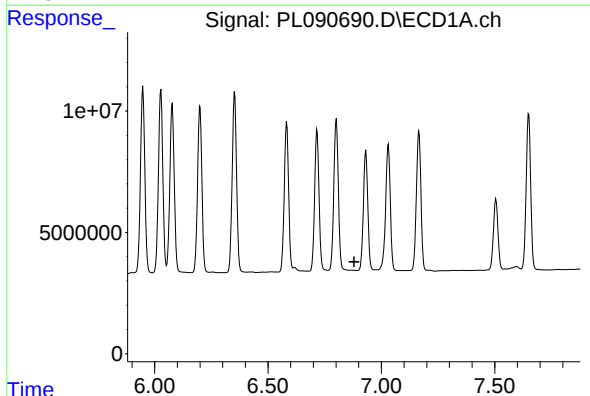
R.T.: 6.027 min  
Delta R.T.: -0.004 min  
Response: 102619481  
Conc: 257.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



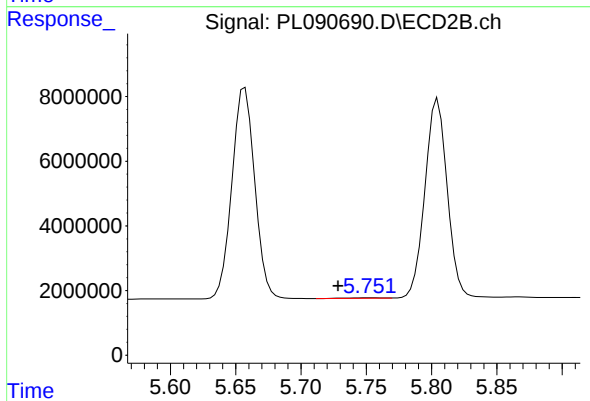
#26 Chlordane-4

R.T.: 5.061 min  
Delta R.T.: -0.001 min  
Response: 95697392  
Conc: 489.01 ng/ml



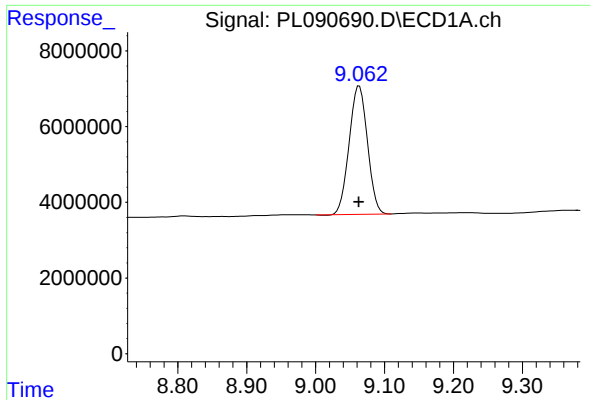
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.880 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

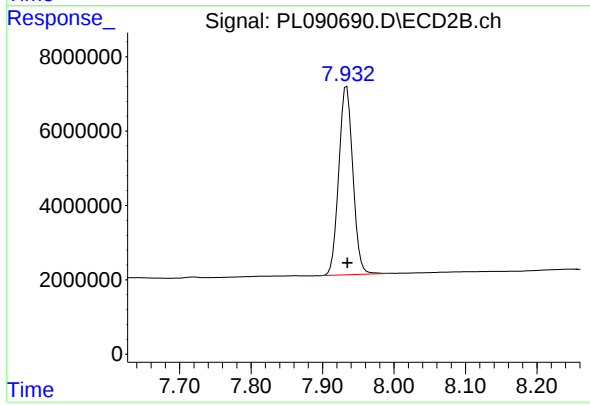
R.T.: 5.753 min  
Delta R.T.: 0.024 min  
Response: 256782  
Conc: 4.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 62478152  
Conc: 47.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: 0.000 min  
Response: 69306013  
Conc: 47.53 ng/ml