

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030425\  
 Data File : PL094477.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Mar 2025 13:30  
 Operator : AR\AJ  
 Sample : PB166956BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB166956BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 05 01:29:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 21 14:52:19 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  | 2.770 | 51334208 | 60801993 | 20.217   | 19.053     |
| 28)                         | SA Decachlor... | 9.051  | 7.904 | 46264805 | 82201289 | 21.748   | 21.375     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.993  | 3.273 | 180.4E6  | 239.2E6  | 47.687   | 48.670     |
| 3)                          | MA gamma-BHC... | 4.325  | 3.603 | 174.1E6  | 228.3E6  | 47.115   | 48.462     |
| 4)                          | MA Heptachlor   | 4.914  | 3.940 | 172.1E6  | 240.1E6  | 50.771   | 50.866     |
| 5)                          | MB Aldrin       | 5.255  | 4.220 | 163.8E6  | 224.0E6  | 47.729   | 48.484     |
| 6)                          | B beta-BHC      | 4.524  | 3.903 | 78820335 | 99622726 | 49.358   | 50.089     |
| 7)                          | B delta-BHC     | 4.771  | 4.131 | 167.7E6  | 225.4E6  | 47.410   | 47.588     |
| 8)                          | B Heptachlo...  | 5.681  | 4.722 | 151.5E6  | 215.1E6  | 50.266   | 50.558     |
| 9)                          | A Endosulfan I  | 6.067  | 5.092 | 140.0E6  | 205.7E6  | 50.943   | 51.600     |
| 10)                         | B gamma-Chl...  | 5.937  | 4.972 | 150.2E6  | 224.2E6  | 51.168   | 51.666     |
| 11)                         | B alpha-Chl...  | 6.016  | 5.035 | 149.3E6  | 221.5E6  | 51.530   | 51.300     |
| 12)                         | B 4,4'-DDE      | 6.190  | 5.224 | 137.3E6  | 218.2E6  | 52.574   | 51.948     |
| 13)                         | MA Dieldrin     | 6.341  | 5.356 | 145.9E6  | 227.1E6  | 51.207   | 51.832     |
| 14)                         | MA Endrin       | 6.571  | 5.631 | 126.2E6  | 206.9E6  | 49.439   | 60.756     |
| 15)                         | B Endosulfa...  | 6.792  | 5.926 | 131.2E6  | 205.6E6  | 52.131   | 54.979     |
| 16)                         | A 4,4'-DDD      | 6.708  | 5.779 | 100.8E6  | 174.1E6  | 54.511   | 54.660     |
| 17)                         | MA 4,4'-DDT     | 7.021  | 6.030 | 114.3E6  | 199.7E6  | 54.433   | 56.136     |
| 18)                         | B Endrin al...  | 6.922  | 6.106 | 95918784 | 161.2E6  | 49.270   | 51.011     |
| 19)                         | B Endosulfa...  | 7.156  | 6.329 | 114.1E6  | 198.1E6  | 50.403   | 53.638     |
| 20)                         | A Methoxychlor  | 7.497  | 6.605 | 58481360 | 105.2E6  | 52.637   | 53.907     |
| 21)                         | B Endrin ke...  | 7.641  | 6.834 | 125.7E6  | 230.5E6  | 50.156   | 54.013     |
| 22)                         | Mirex           | 8.113  | 7.013 | 96871967 | 173.8E6  | 46.950   | 49.840     |
| 23)                         | Chlordane-1     | 0.000  | 3.762 | 0        | 2833     | N.D.     | 0.021 #    |
| 24)                         | Chlordane-2     | 5.255f | 4.359 | 163.8E6  | 898490   | 1306.089 | 5.698 #    |
| 25)                         | Chlordane-3     | 5.937  | 4.972 | 150.2E6  | 224.2E6  | 343.114  | 471.862 #  |
| 26)                         | Chlordane-4     | 6.016  | 5.035 | 149.3E6  | 221.5E6  | 281.657  | 471.209 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.926 | 0        | 205.6E6  | N.D.     | 1255.723 # |
| -----                       |                 |        |       |          |          |          |            |

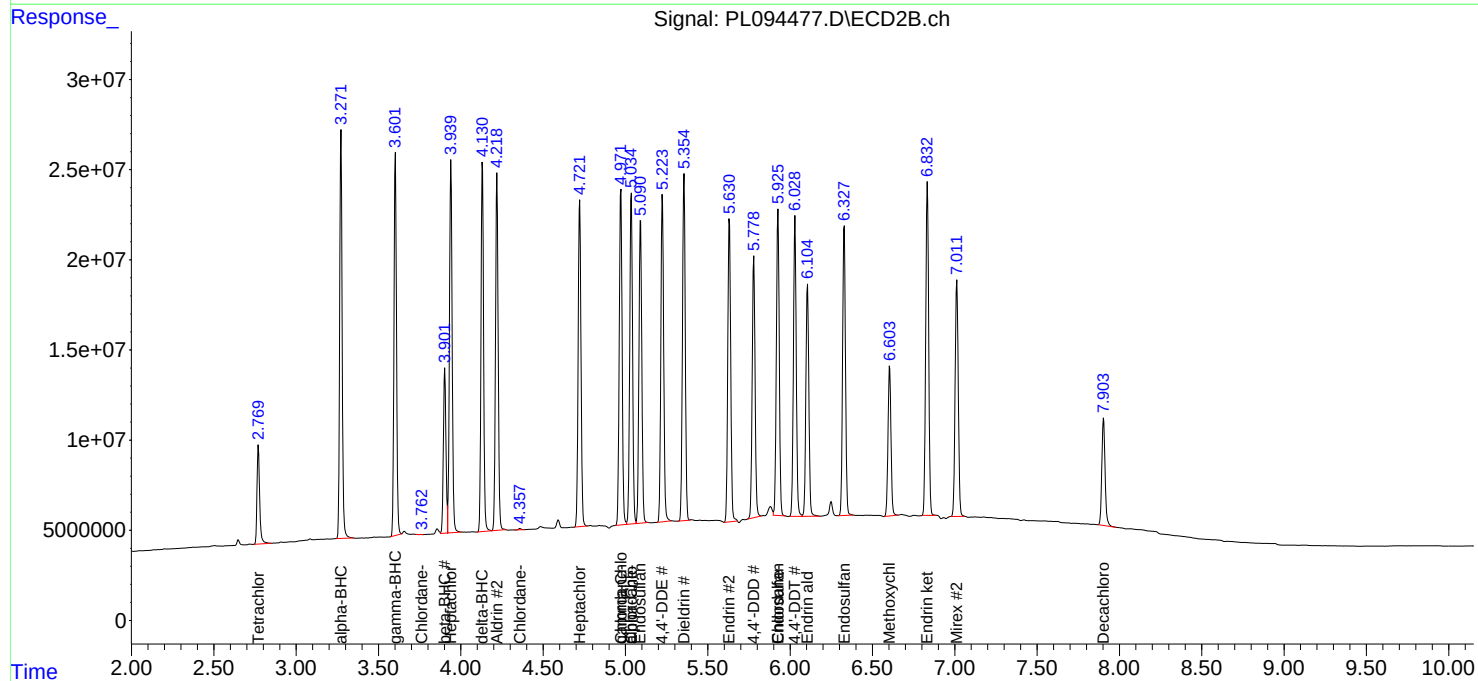
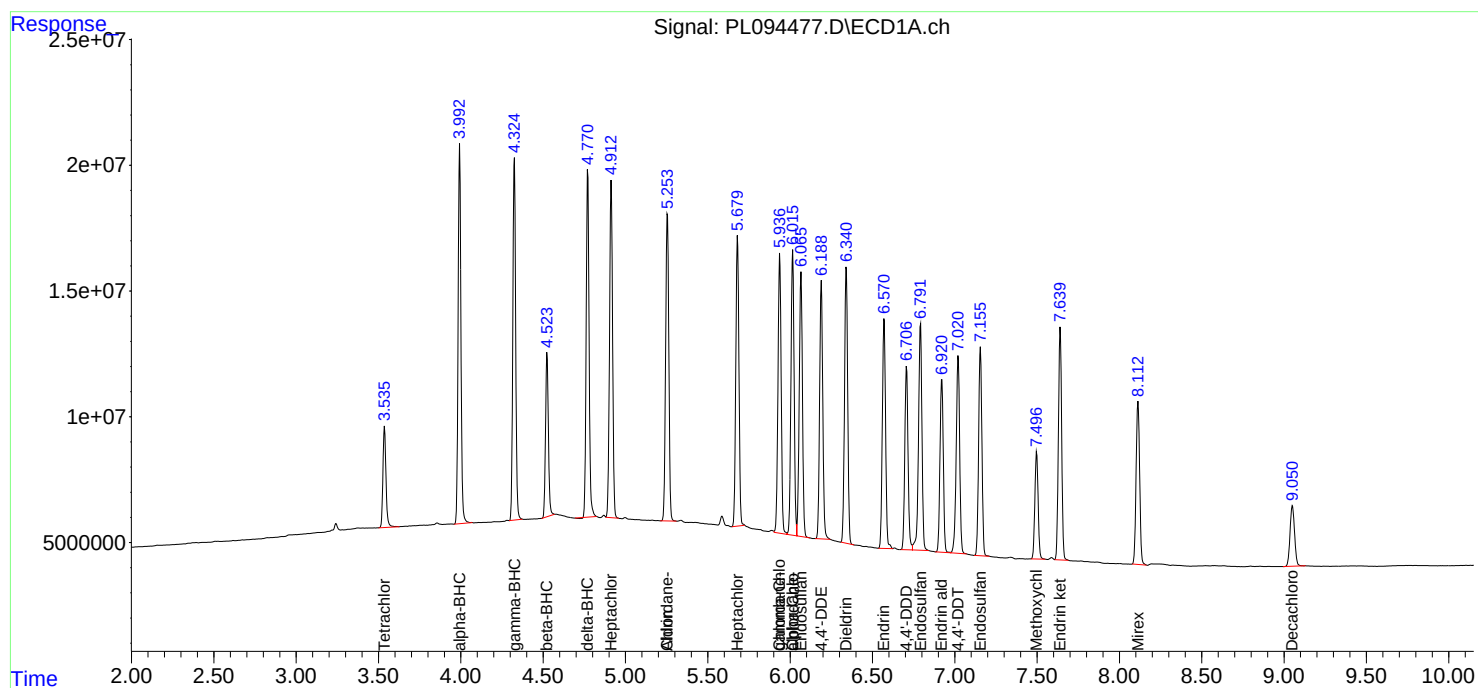
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

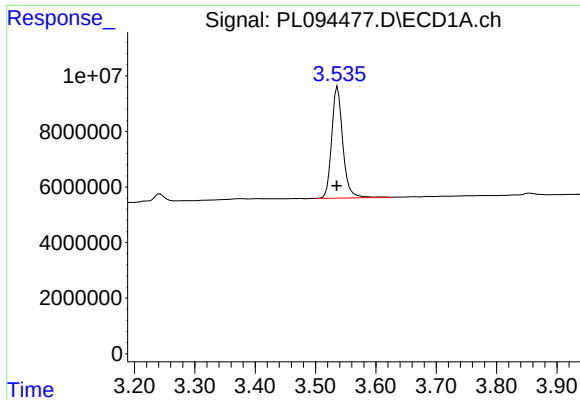
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030425\  
Data File : PL094477.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Mar 2025 13:30  
Operator : AR\AJ  
Sample : PB166956BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 05 01:29:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 21 14:52:19 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

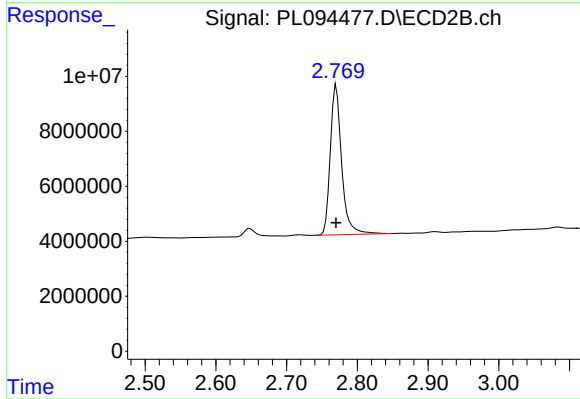




#1 Tetrachloro-m-xylene

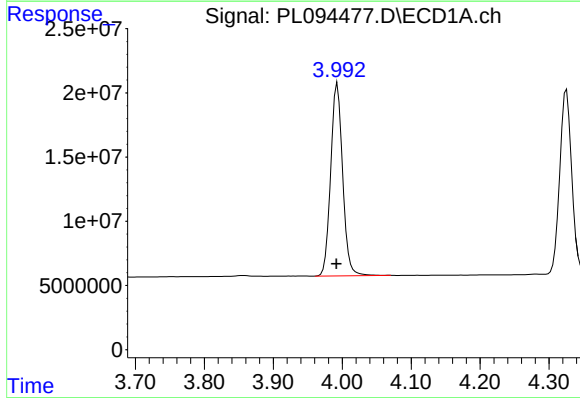
R.T.: 3.537 min  
Delta R.T.: 0.002 min  
Response: 51334208  
Conc: 20.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



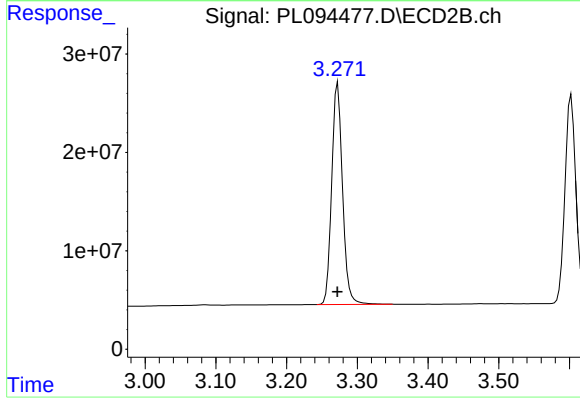
#1 Tetrachloro-m-xylene

R.T.: 2.770 min  
Delta R.T.: 0.000 min  
Response: 60801993  
Conc: 19.05 ng/ml



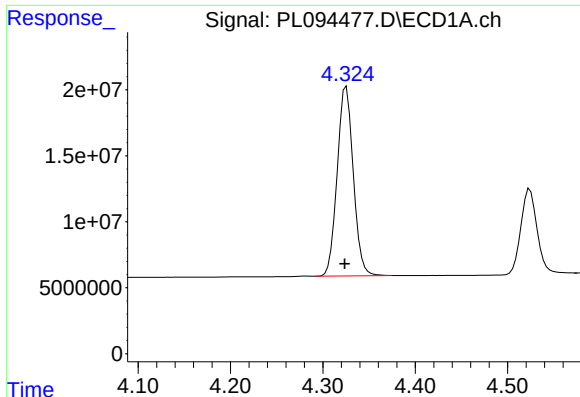
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.002 min  
Response: 180384303  
Conc: 47.69 ng/ml



#2 alpha-BHC

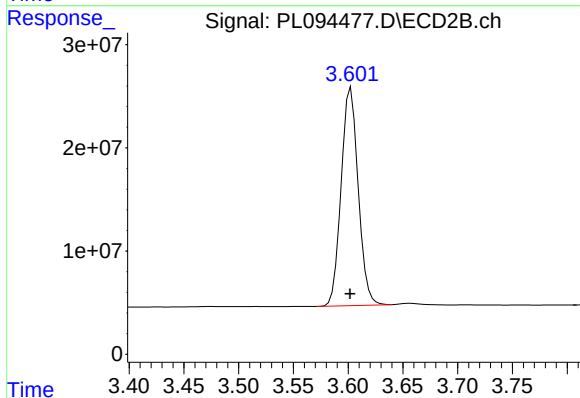
R.T.: 3.273 min  
Delta R.T.: 0.000 min  
Response: 239204253  
Conc: 48.67 ng/ml



#3 gamma-BHC (Lindane)

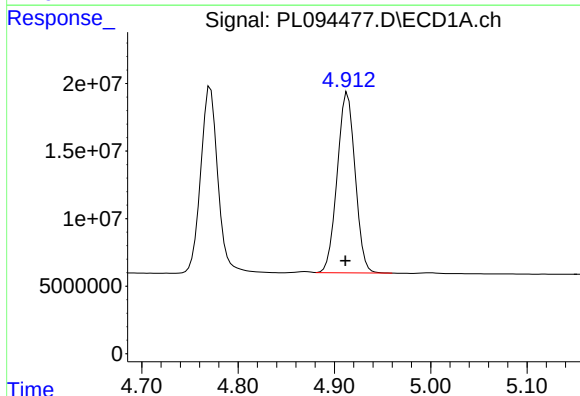
R.T.: 4.325 min  
Delta R.T.: 0.002 min  
Response: 174077157  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



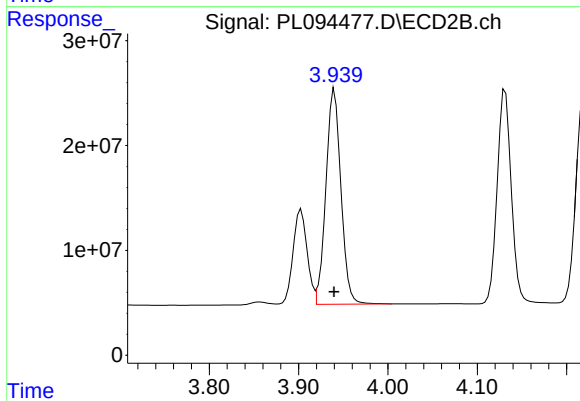
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: 0.000 min  
Response: 228252841  
Conc: 48.46 ng/ml



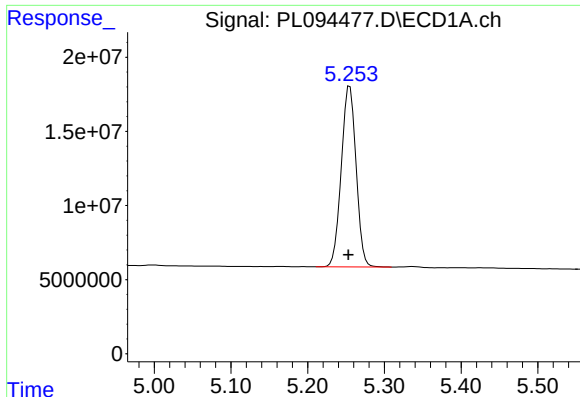
#4 Heptachlor

R.T.: 4.914 min  
Delta R.T.: 0.002 min  
Response: 172131224  
Conc: 50.77 ng/ml



#4 Heptachlor

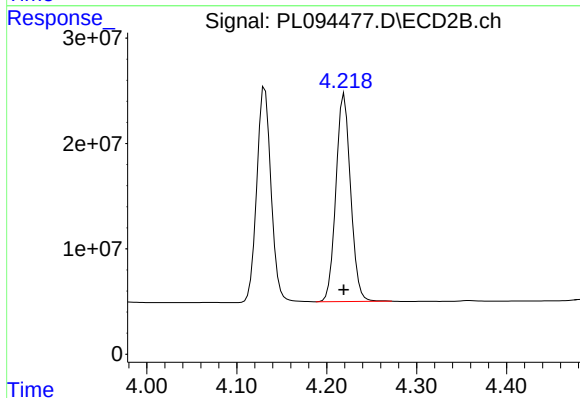
R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 240103171  
Conc: 50.87 ng/ml



#5 Aldrin

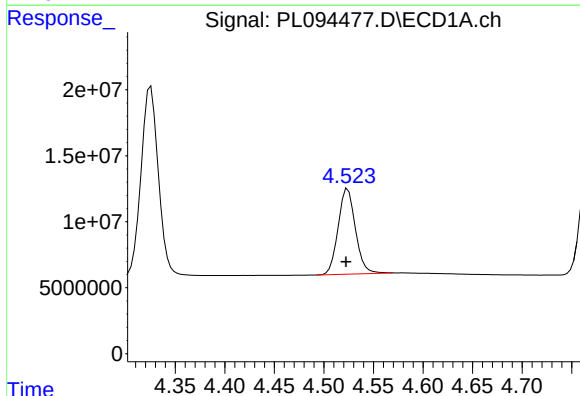
R.T.: 5.255 min  
Delta R.T.: 0.002 min  
Response: 163795393  
Conc: 47.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



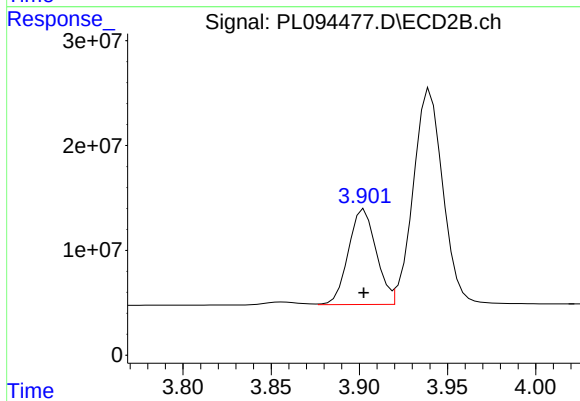
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 224014425  
Conc: 48.48 ng/ml



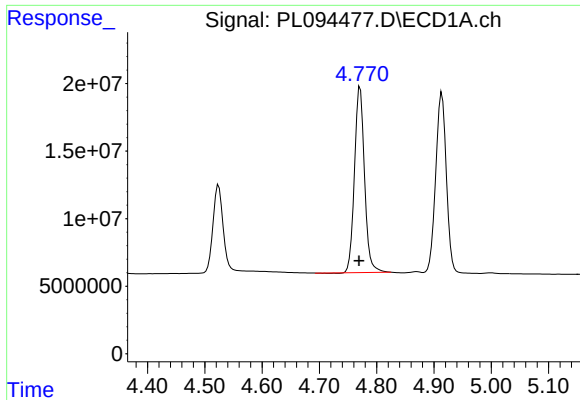
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.002 min  
Response: 78820335  
Conc: 49.36 ng/ml



#6 beta-BHC

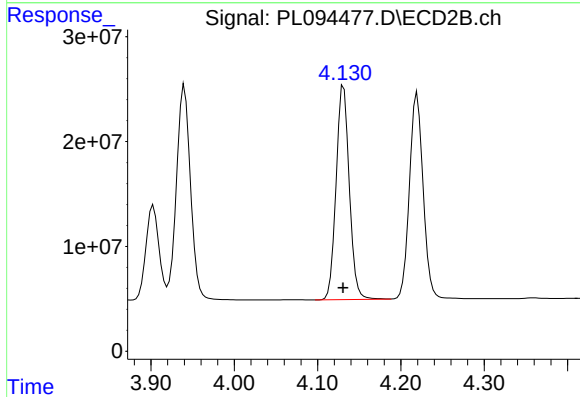
R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 99622726  
Conc: 50.09 ng/ml



#7 delta-BHC

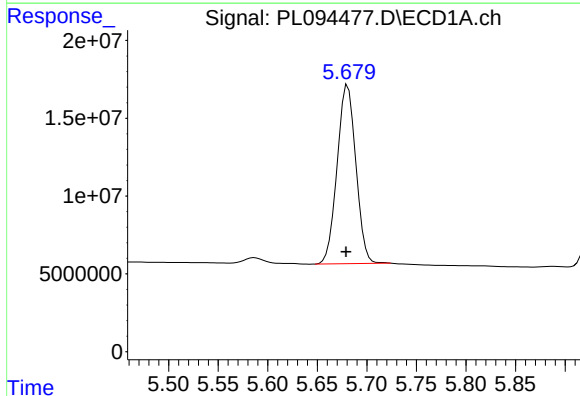
R.T.: 4.771 min  
Delta R.T.: 0.002 min  
Response: 167748059  
Conc: 47.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



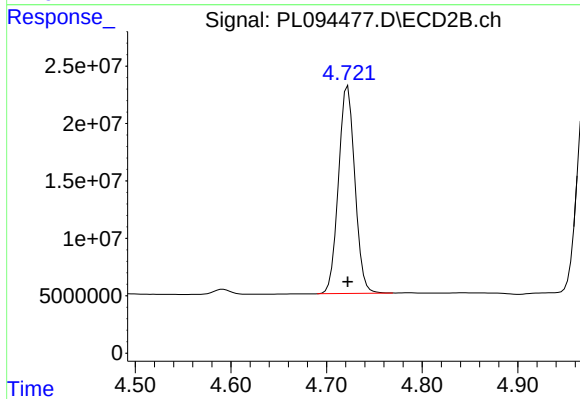
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: 0.000 min  
Response: 225363315  
Conc: 47.59 ng/ml



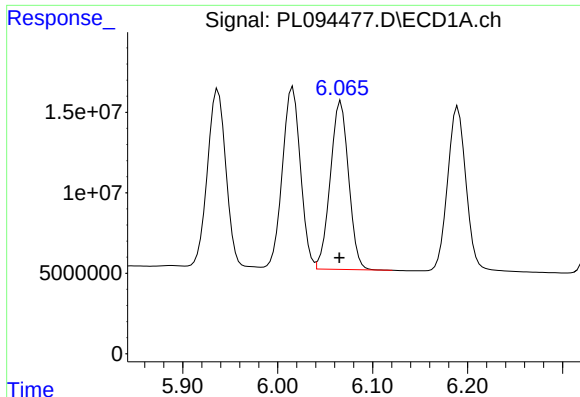
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: 0.002 min  
Response: 151470214  
Conc: 50.27 ng/ml



#8 Heptachlor epoxide

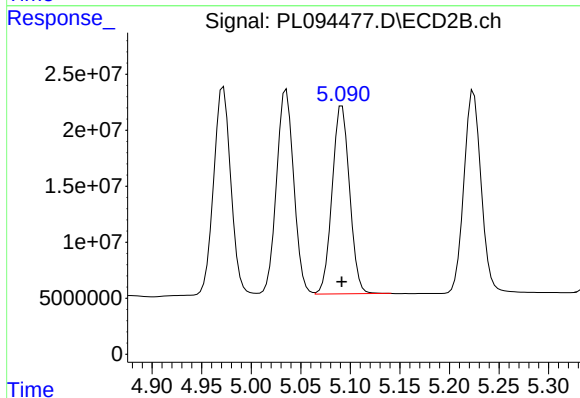
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 215143759  
Conc: 50.56 ng/ml



#9 Endosulfan I

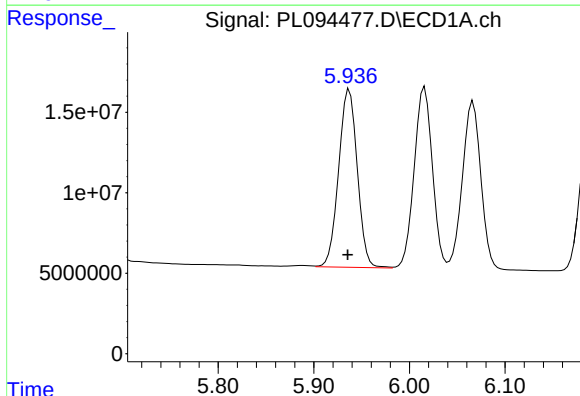
R.T.: 6.067 min  
Delta R.T.: 0.001 min  
Response: 140023545  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



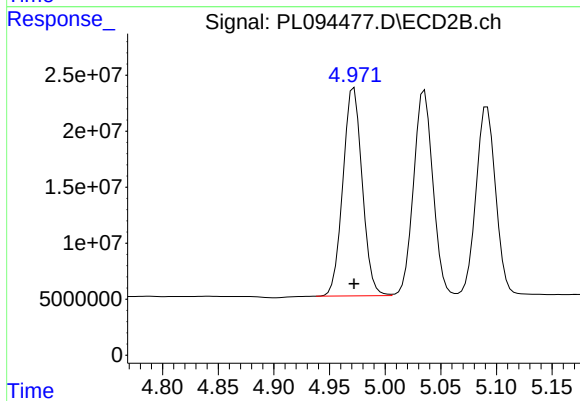
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: 0.000 min  
Response: 205708619  
Conc: 51.60 ng/ml



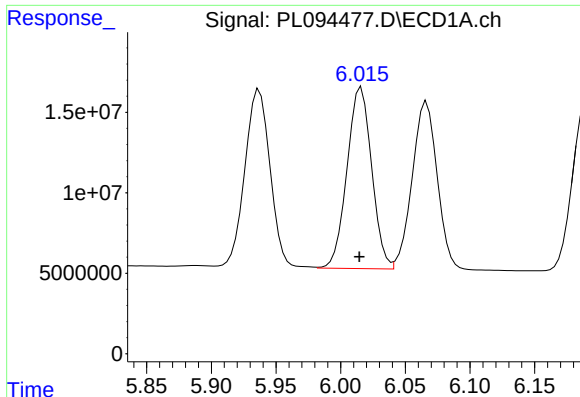
#10 gamma-Chlordane

R.T.: 5.937 min  
Delta R.T.: 0.002 min  
Response: 150234880  
Conc: 51.17 ng/ml



#10 gamma-Chlordane

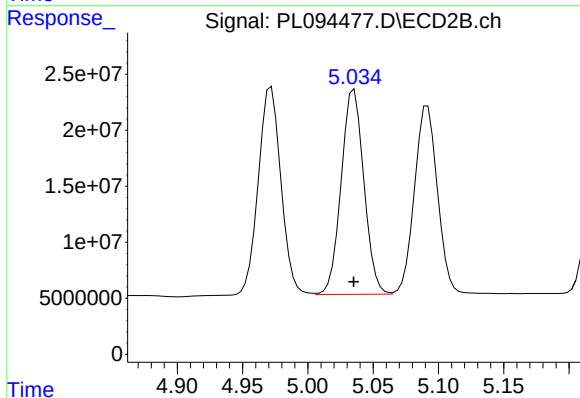
R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 224169875  
Conc: 51.67 ng/ml



#11 alpha-Chlordane

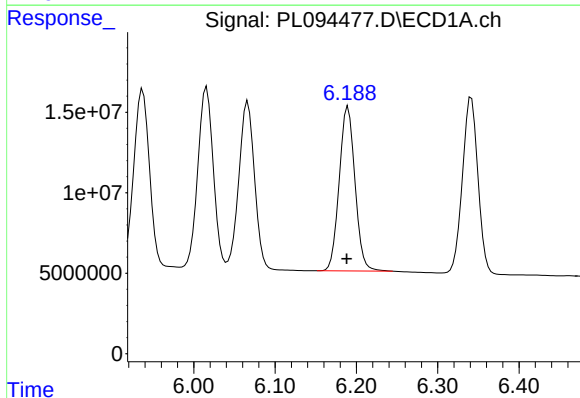
R.T.: 6.016 min  
Delta R.T.: 0.001 min  
Response: 149286807  
Conc: 51.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



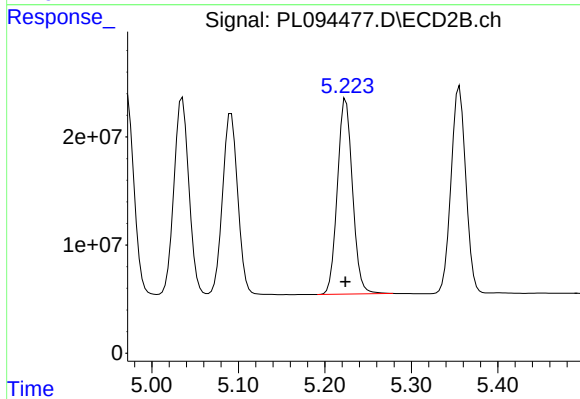
#11 alpha-Chlordane

R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 221494452  
Conc: 51.30 ng/ml



#12 4,4'-DDE

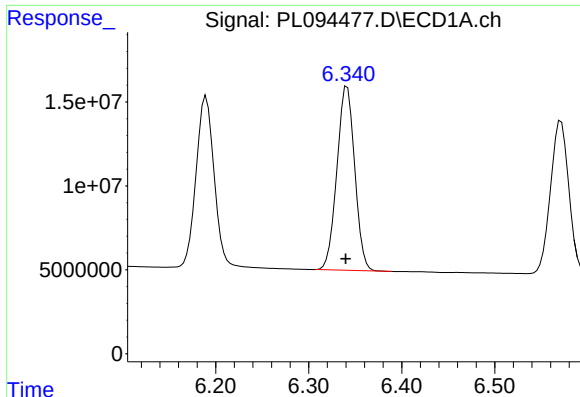
R.T.: 6.190 min  
Delta R.T.: 0.002 min  
Response: 137307603  
Conc: 52.57 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min  
Delta R.T.: 0.000 min  
Response: 218181405  
Conc: 51.95 ng/ml

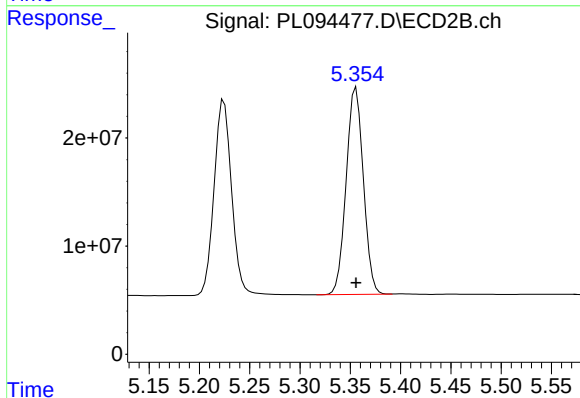




#13 Dieldrin

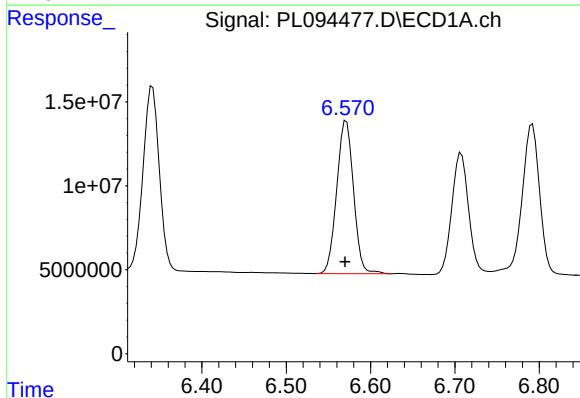
R.T.: 6.341 min  
Delta R.T.: 0.001 min  
Response: 145890795  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



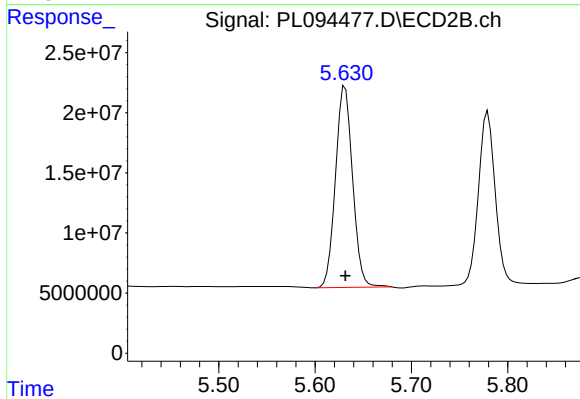
#13 Dieldrin

R.T.: 5.356 min  
Delta R.T.: 0.000 min  
Response: 227114682  
Conc: 51.83 ng/ml



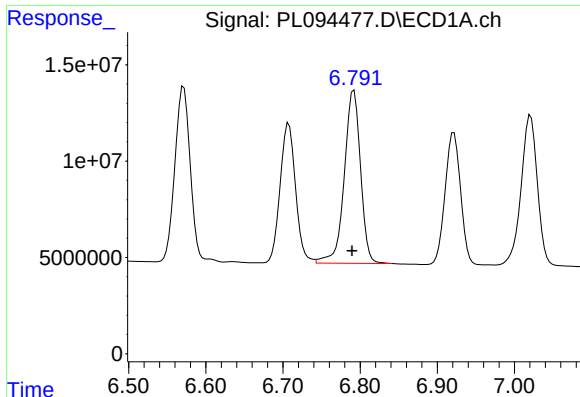
#14 Endrin

R.T.: 6.571 min  
Delta R.T.: 0.002 min  
Response: 126182489  
Conc: 49.44 ng/ml



#14 Endrin

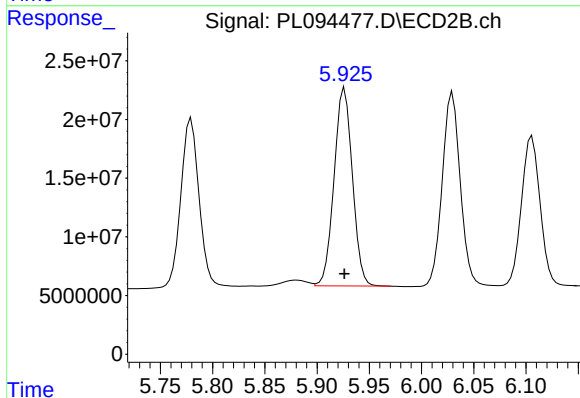
R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 206857602  
Conc: 60.76 ng/ml



#15 Endosulfan II

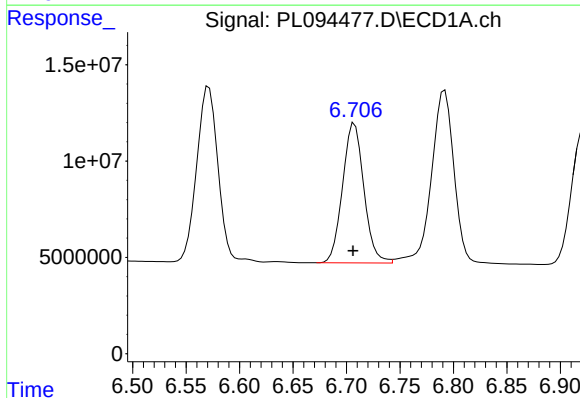
R.T.: 6.792 min  
Delta R.T.: 0.002 min  
Response: 131226679  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



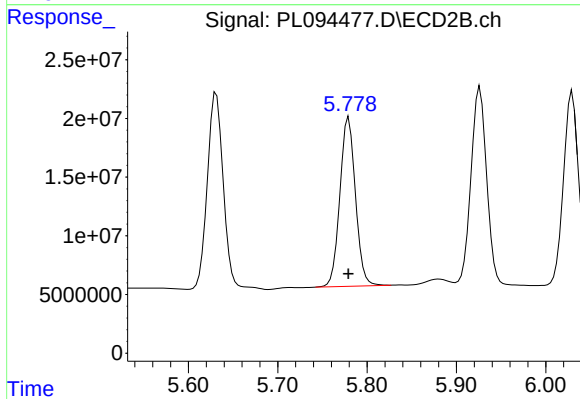
#15 Endosulfan II

R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 205595012  
Conc: 54.98 ng/ml



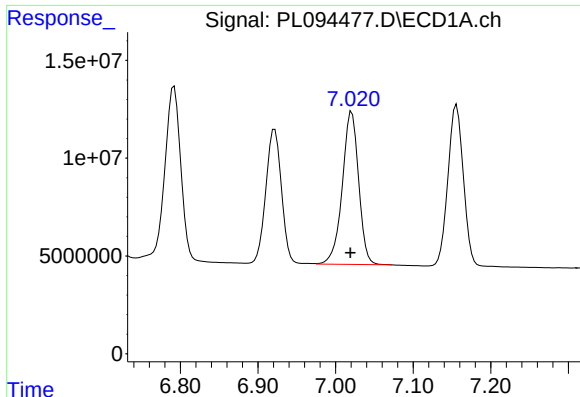
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: 0.001 min  
Response: 100832697  
Conc: 54.51 ng/ml



#16 4,4'-DDD

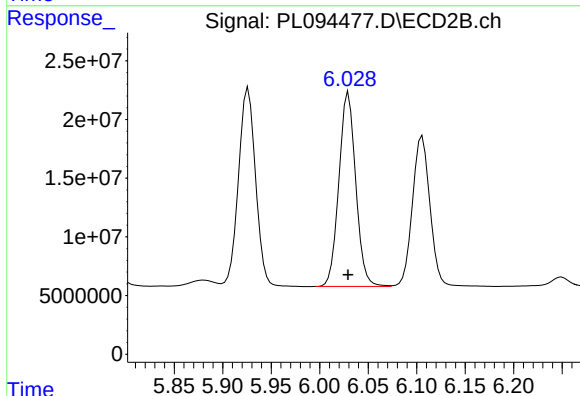
R.T.: 5.779 min  
Delta R.T.: 0.000 min  
Response: 174110802  
Conc: 54.66 ng/ml



#17 4,4'-DDT

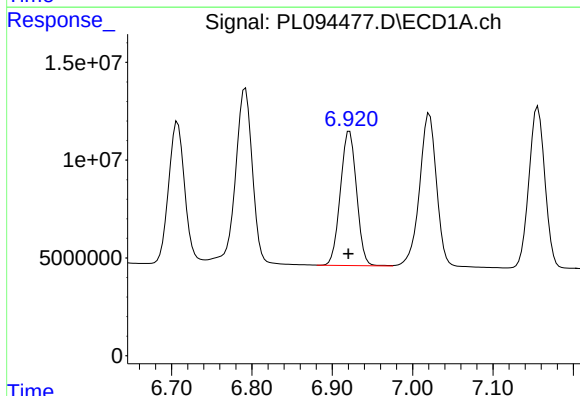
R.T.: 7.021 min  
Delta R.T.: 0.002 min  
Response: 114311331  
Conc: 54.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



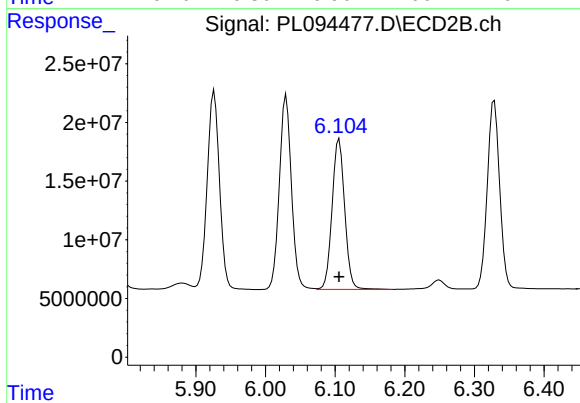
#17 4,4'-DDT

R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 199675531  
Conc: 56.14 ng/ml



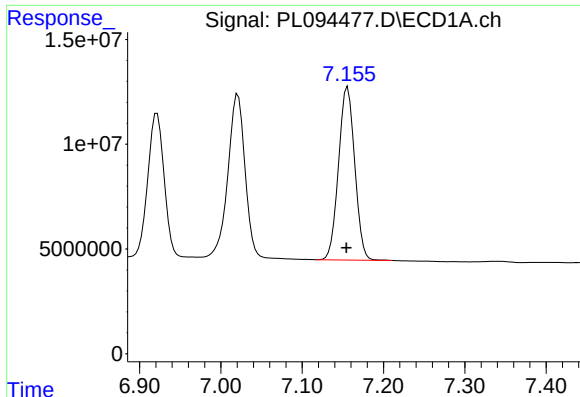
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: 0.002 min  
Response: 95918784  
Conc: 49.27 ng/ml



#18 Endrin aldehyde

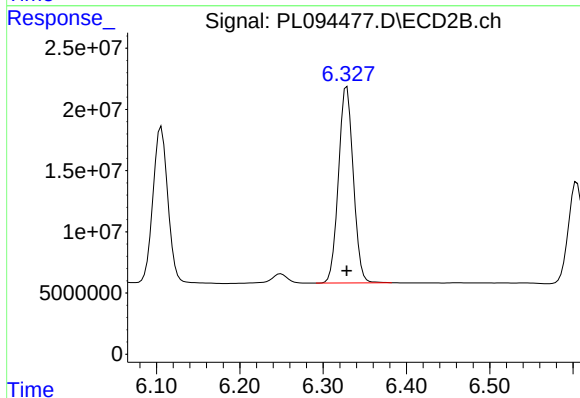
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 161218018  
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

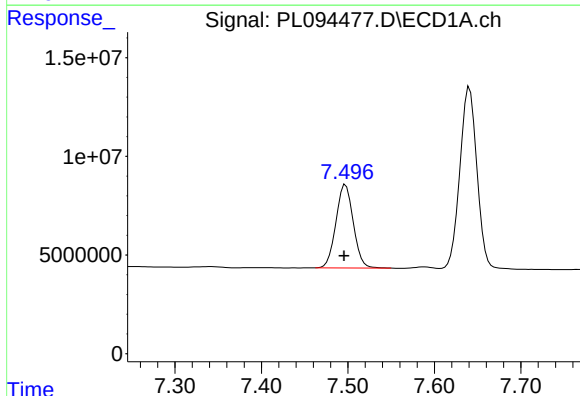
R.T.: 7.156 min  
Delta R.T.: 0.002 min  
Response: 114105346  
Conc: 50.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



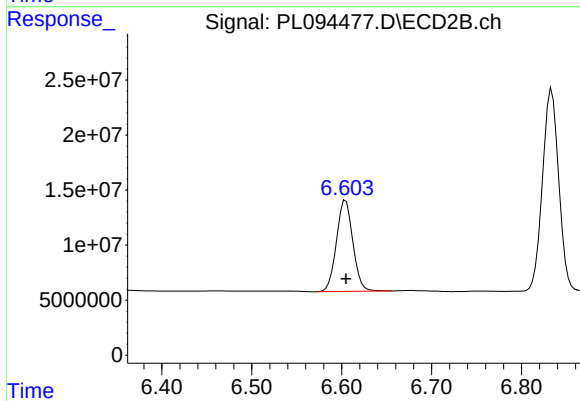
#19 Endosulfan Sulfate

R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 198118662  
Conc: 53.64 ng/ml



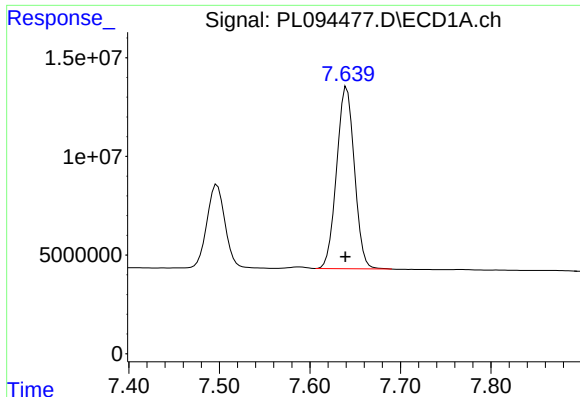
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: 0.002 min  
Response: 58481360  
Conc: 52.64 ng/ml



#20 Methoxychlor

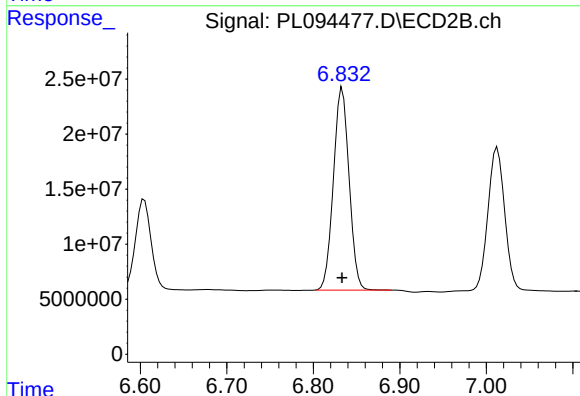
R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 105173895  
Conc: 53.91 ng/ml



#21 Endrin ketone

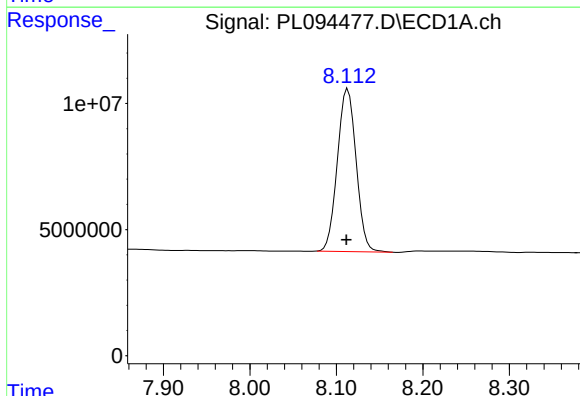
R.T.: 7.641 min  
Delta R.T.: 0.001 min  
Response: 125736021  
Conc: 50.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



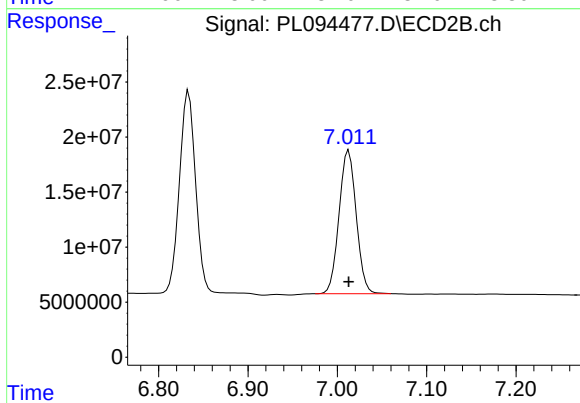
#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: 0.000 min  
Response: 230503265  
Conc: 54.01 ng/ml



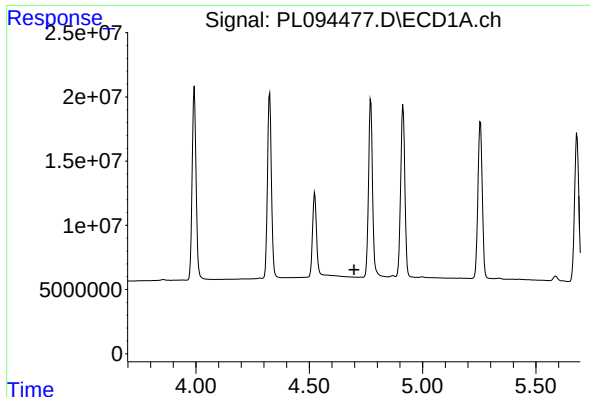
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: 0.002 min  
Response: 96871967  
Conc: 46.95 ng/ml



#22 Mirex

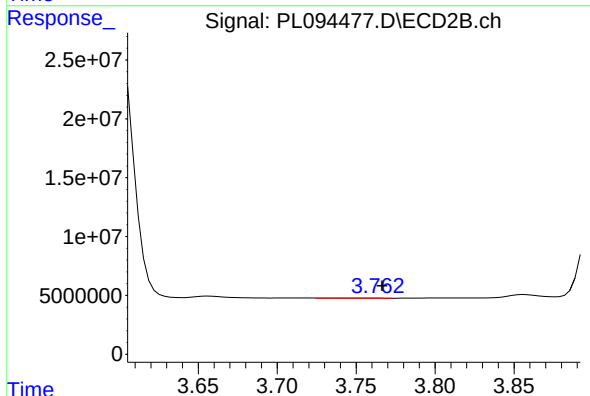
R.T.: 7.013 min  
Delta R.T.: 0.000 min  
Response: 173794920  
Conc: 49.84 ng/ml



#23 Chlordane-1

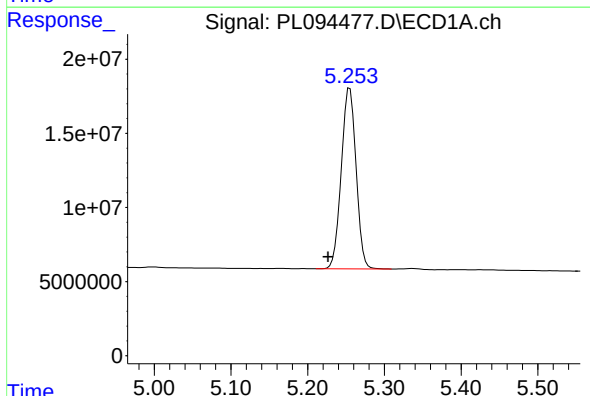
R.T.: 0.000 min  
Exp R.T.: 4.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



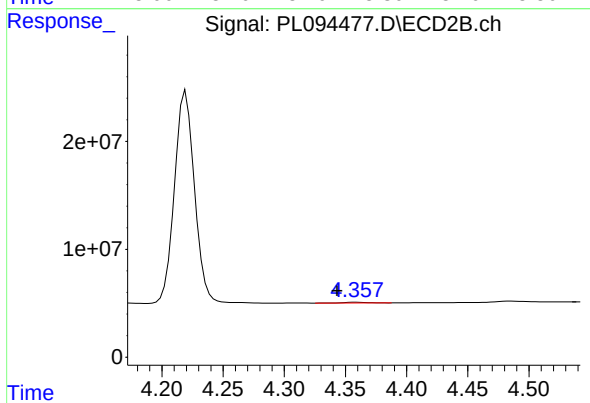
#23 Chlordane-1

R.T.: 3.762 min  
Delta R.T.: -0.005 min  
Response: 2833  
Conc: 0.02 ng/ml



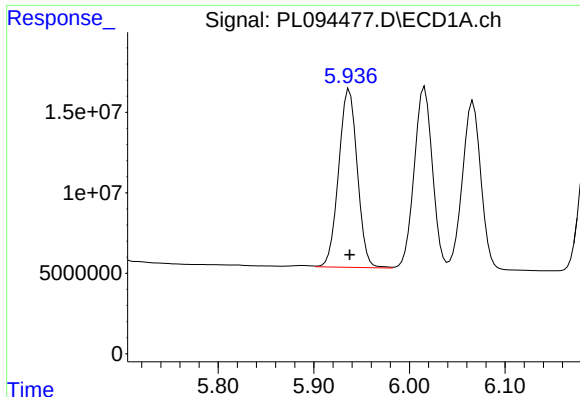
#24 Chlordane-2

R.T.: 5.255 min  
Delta R.T.: 0.028 min  
Response: 163795393  
Conc: 1306.09 ng/ml



#24 Chlordane-2

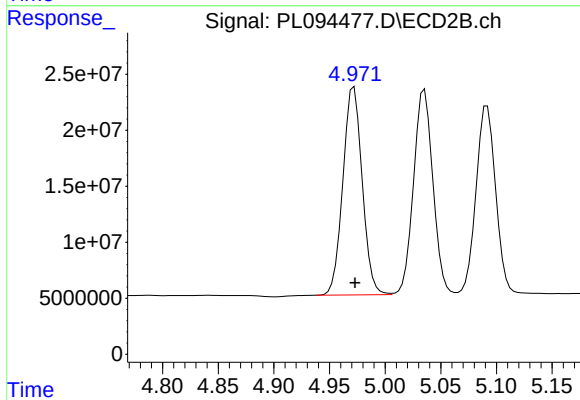
R.T.: 4.359 min  
Delta R.T.: 0.016 min  
Response: 898490  
Conc: 5.70 ng/ml



#25 Chlordane-3

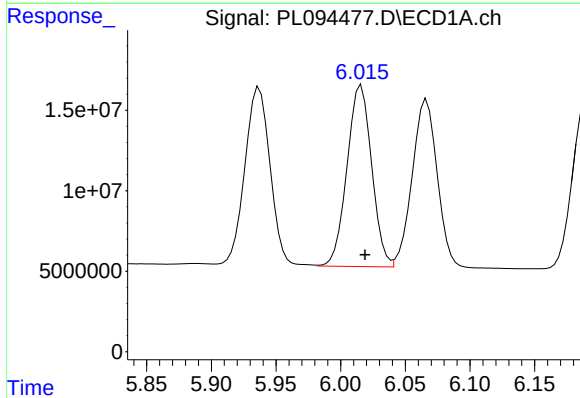
R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 150234880  
Conc: 343.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



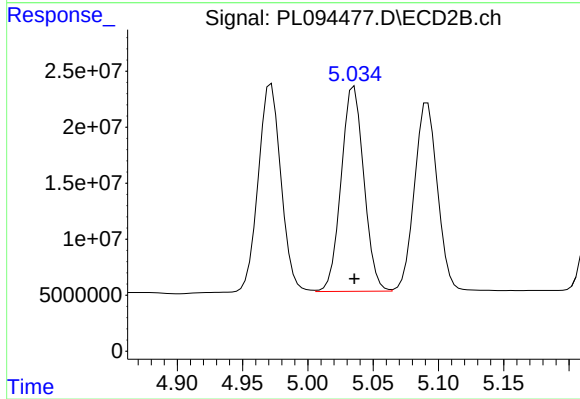
#25 Chlordane-3

R.T.: 4.972 min  
Delta R.T.: -0.001 min  
Response: 224169875  
Conc: 471.86 ng/ml



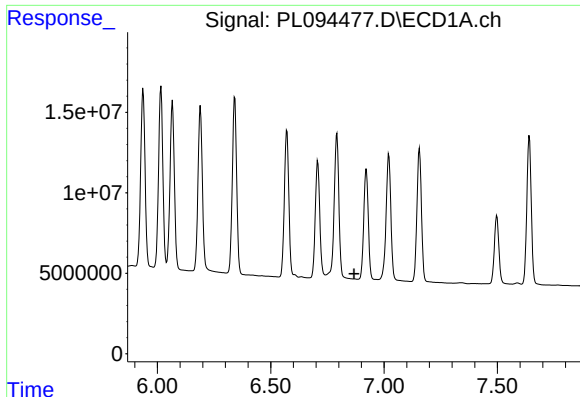
#26 Chlordane-4

R.T.: 6.016 min  
Delta R.T.: -0.003 min  
Response: 149286807  
Conc: 281.66 ng/ml



#26 Chlordane-4

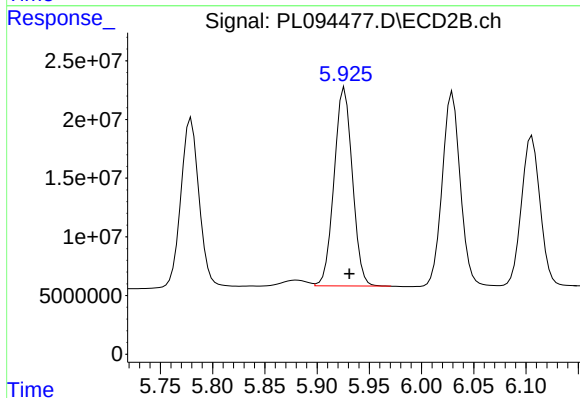
R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 221494452  
Conc: 471.21 ng/ml



#27 Chlordane-5

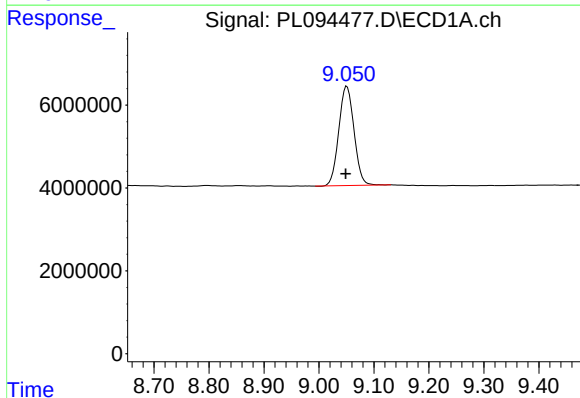
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166956BS



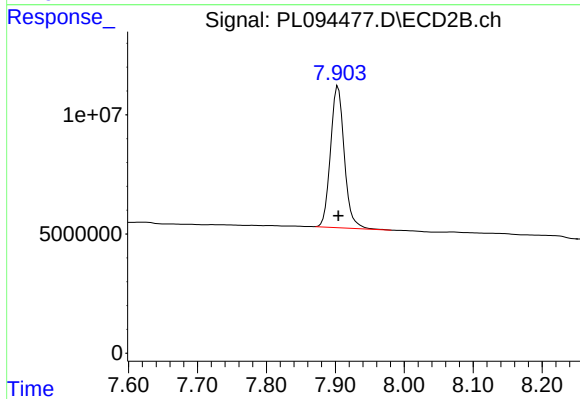
#27 Chlordane-5

R.T.: 5.926 min  
Delta R.T.: -0.004 min  
Response: 205595012  
Conc: 1255.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: 0.002 min  
Response: 46264805  
Conc: 21.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 82201289  
Conc: 21.38 ng/ml