

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040125\  
 Data File : PL094996.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2025 18:30  
 Operator : AR\AJ  
 Sample : PB167419BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB167419BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 01:26:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 11 17:42:21 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... | 3.535  | 2.769 | 60016040 | 79770469 | 21.202   | 22.349     |
| 28)                         | SA Decachlor... | 9.051  | 7.902 | 51767229 | 94221105 | 24.564   | 23.326     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.992  | 3.271 | 203.3E6  | 306.0E6  | 48.959   | 56.754     |
| 3)                          | MA gamma-BHC... | 4.324  | 3.601 | 194.0E6  | 281.6E6  | 48.618   | 54.793     |
| 4)                          | MA Heptachlor   | 4.912  | 3.938 | 181.4E6  | 270.0E6  | 46.724   | 51.240     |
| 5)                          | MB Aldrin       | 5.254  | 4.218 | 177.0E6  | 258.7E6  | 47.925   | 53.059     |
| 6)                          | B beta-BHC      | 4.524  | 3.901 | 89251061 | 120.5E6  | 48.369   | 54.264     |
| 7)                          | B delta-BHC     | 4.771  | 4.129 | 202.5E6  | 264.5E6  | 51.994   | 52.883     |
| 8)                          | B Heptachlo...  | 5.680  | 4.720 | 165.1E6  | 245.1E6  | 49.367   | 53.528     |
| 9)                          | A Endosulfan I  | 6.066  | 5.089 | 156.1E6  | 230.3E6  | 50.843   | 52.484     |
| 10)                         | B gamma-Chl...  | 5.937  | 4.969 | 168.6E6  | 257.7E6  | 50.031   | 53.368     |
| 11)                         | B alpha-Chl...  | 6.015  | 5.033 | 166.6E6  | 252.2E6  | 50.527   | 52.835     |
| 12)                         | B 4,4'-DDE      | 6.189  | 5.222 | 165.3E6  | 261.5E6  | 56.201   | 56.257     |
| 13)                         | MA Dieldrin     | 6.341  | 5.353 | 166.9E6  | 260.9E6  | 52.186   | 53.770     |
| 14)                         | MA Endrin       | 6.571  | 5.629 | 124.7E6  | 217.3E6  | 44.991   | 49.800     |
| 15)                         | B Endosulfa...  | 6.791  | 5.924 | 144.0E6  | 233.7E6  | 53.034   | 53.997     |
| 16)                         | A 4,4'-DDD      | 6.707  | 5.777 | 132.9E6  | 217.4E6  | 61.337   | 60.452     |
| 17)                         | MA 4,4'-DDT     | 7.021  | 6.027 | 123.8E6  | 209.8E6  | 52.051   | 52.033     |
| 18)                         | B Endrin al...  | 6.921  | 6.103 | 112.5E6  | 183.1E6  | 53.306   | 54.403     |
| 19)                         | B Endosulfa...  | 7.156  | 6.326 | 128.5E6  | 225.3E6  | 52.819   | 55.313     |
| 20)                         | A Methoxychlor  | 7.497  | 6.602 | 62668874 | 110.7E6  | 52.352   | 52.209     |
| 21)                         | B Endrin ke...  | 7.641  | 6.831 | 149.5E6  | 283.7E6  | 56.547   | 59.434     |
| 22)                         | Mirex           | 8.113  | 7.011 | 104.9E6  | 207.0E6  | 50.764   | 54.536     |
| 24)                         | Chlordane-2     | 5.254f | 0.000 | 177.0E6  | 0        | 1169.491 | N.D. #     |
| 25)                         | Chlordane-3     | 5.937  | 4.969 | 168.6E6  | 257.7E6  | 337.269  | 484.368 #  |
| 26)                         | Chlordane-4     | 6.015  | 5.033 | 166.6E6  | 252.2E6  | 282.773  | 484.417 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.924 | 0        | 233.7E6  | N.D.     | 1218.294 # |
| -----                       |                 |        |       |          |          |          |            |

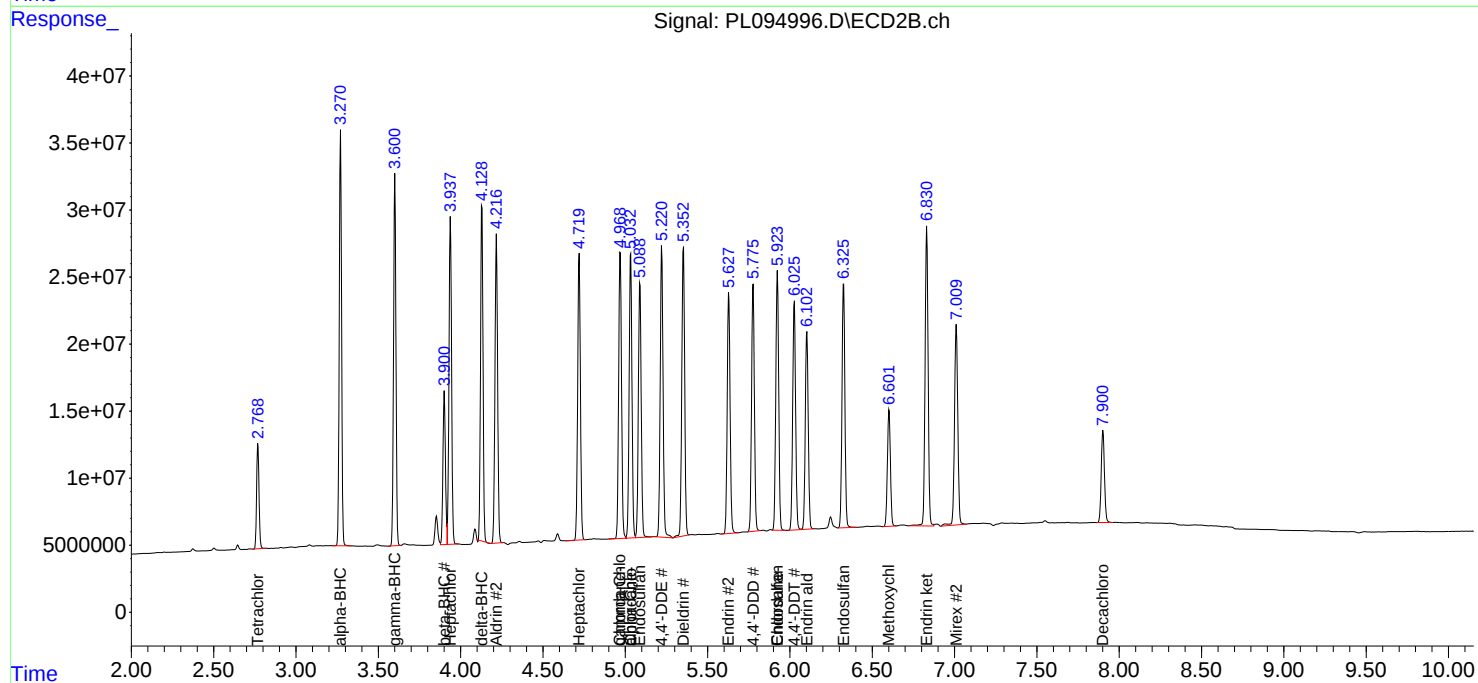
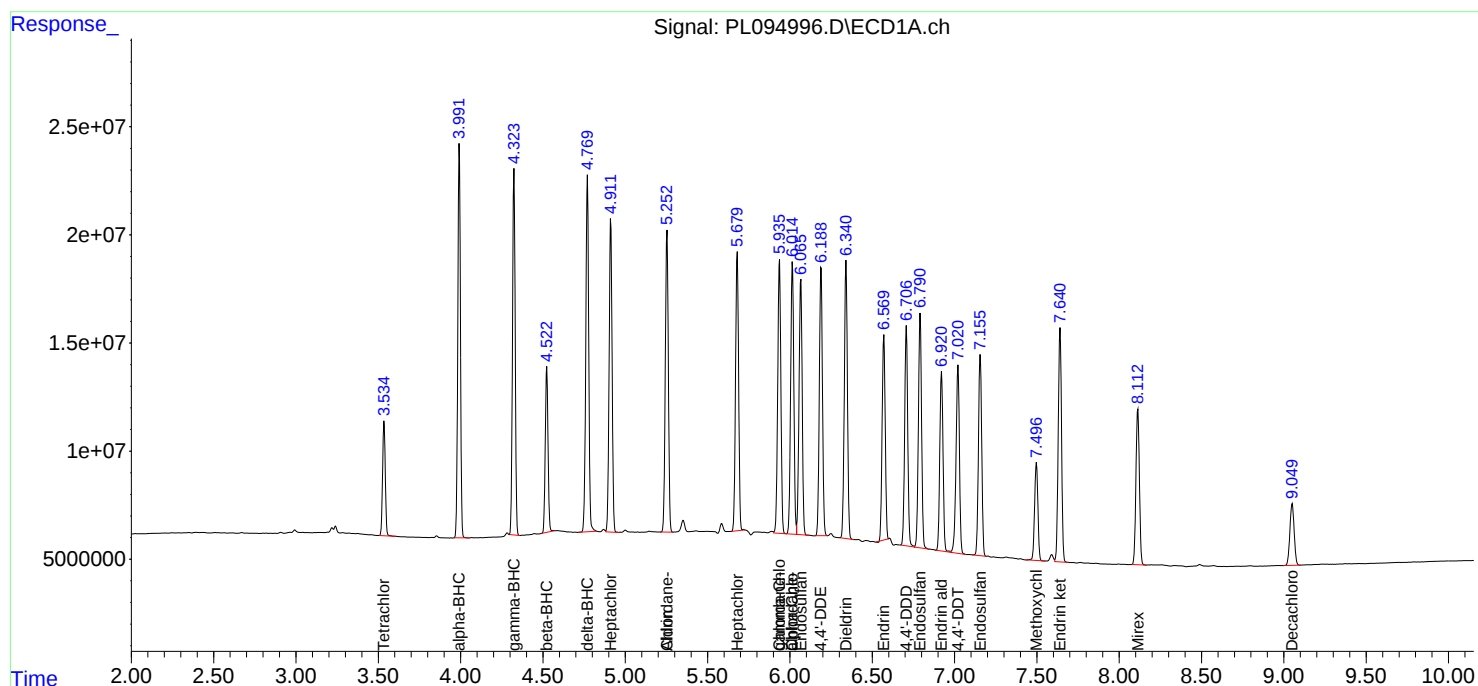
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

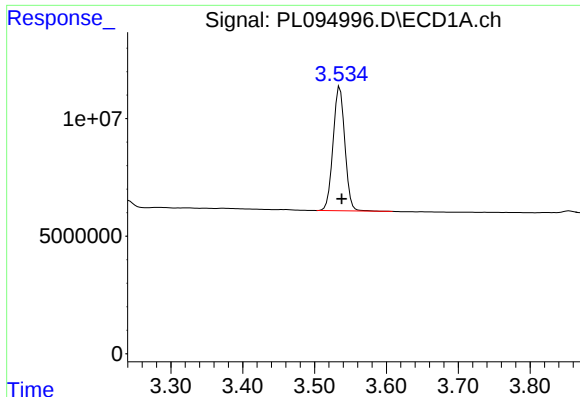
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040125\  
Data File : PL094996.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2025 18:30  
Operator : AR\AJ  
Sample : PB167419BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 02 01:26:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 11 17:42:21 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

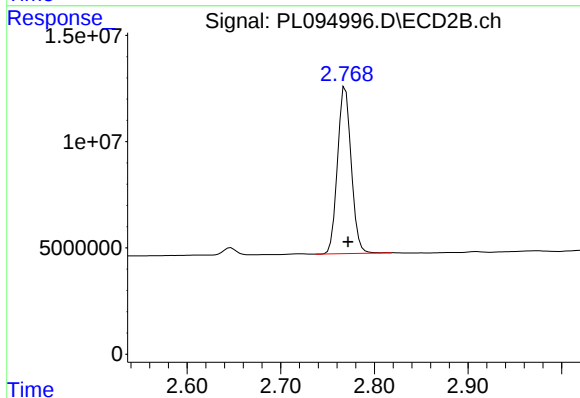




#1 Tetrachloro-m-xylene

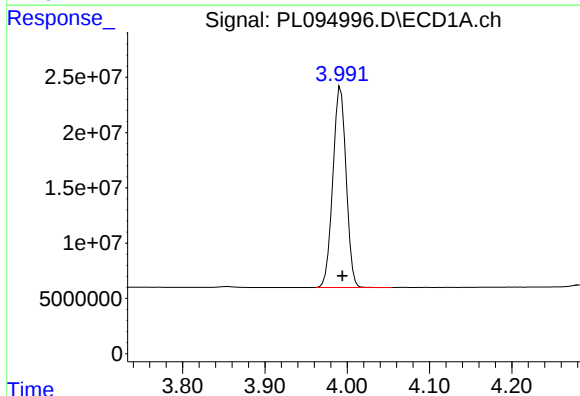
R.T.: 3.535 min  
Delta R.T.: -0.003 min  
Response: 60016040  
Conc: 21.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



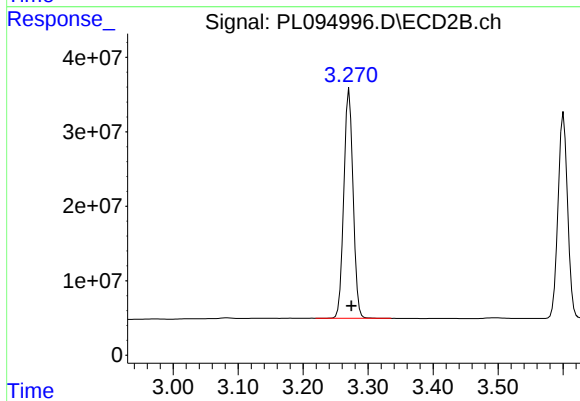
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.003 min  
Response: 79770469  
Conc: 22.35 ng/ml



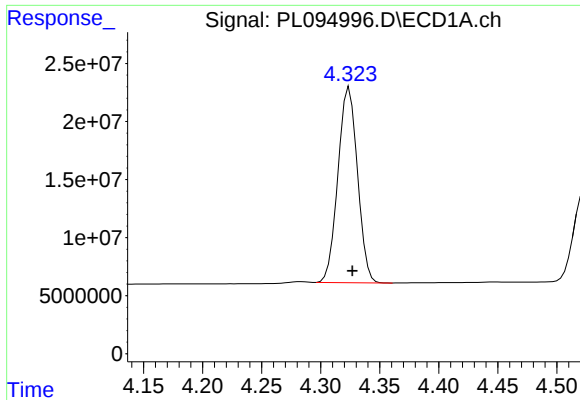
#2 alpha-BHC

R.T.: 3.992 min  
Delta R.T.: -0.002 min  
Response: 203295230  
Conc: 48.96 ng/ml



#2 alpha-BHC

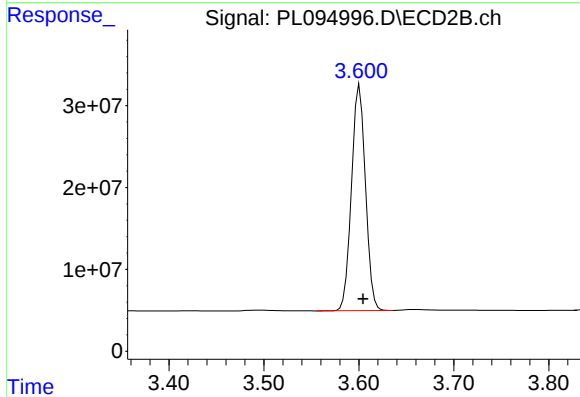
R.T.: 3.271 min  
Delta R.T.: -0.003 min  
Response: 305982365  
Conc: 56.75 ng/ml



#3 gamma-BHC (Lindane)

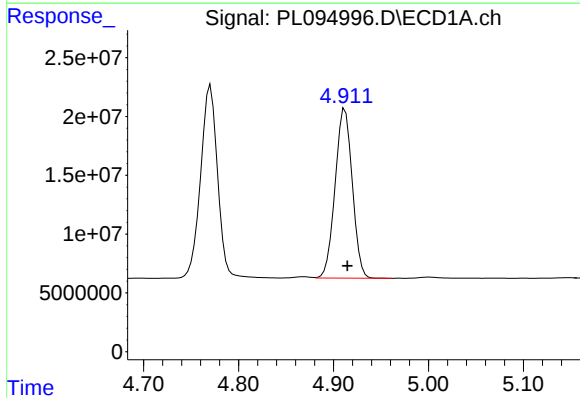
R.T.: 4.324 min  
Delta R.T.: -0.003 min  
Response: 194000150  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



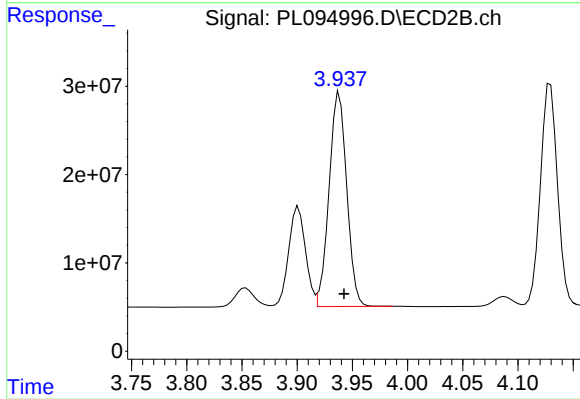
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: -0.003 min  
Response: 281605456  
Conc: 54.79 ng/ml



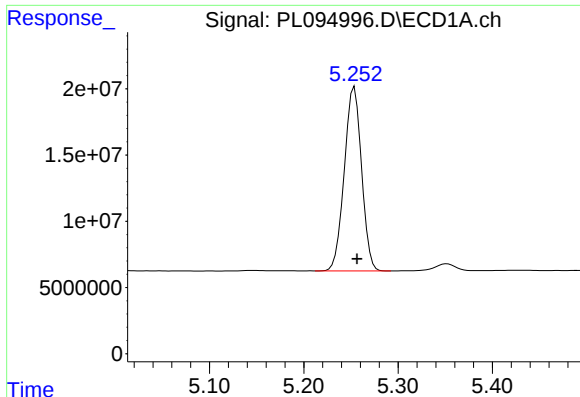
#4 Heptachlor

R.T.: 4.912 min  
Delta R.T.: -0.002 min  
Response: 181365837  
Conc: 46.72 ng/ml



#4 Heptachlor

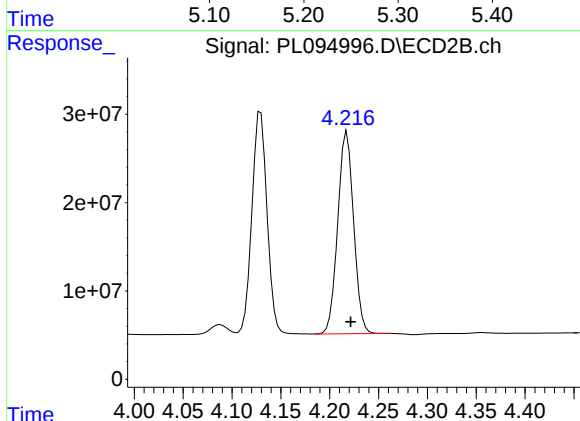
R.T.: 3.938 min  
Delta R.T.: -0.004 min  
Response: 269966513  
Conc: 51.24 ng/ml



#5 Aldrin

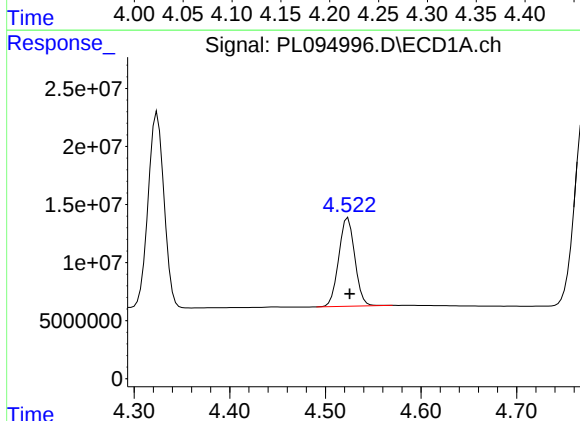
R.T.: 5.254 min  
Delta R.T.: -0.003 min  
Response: 176950010  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



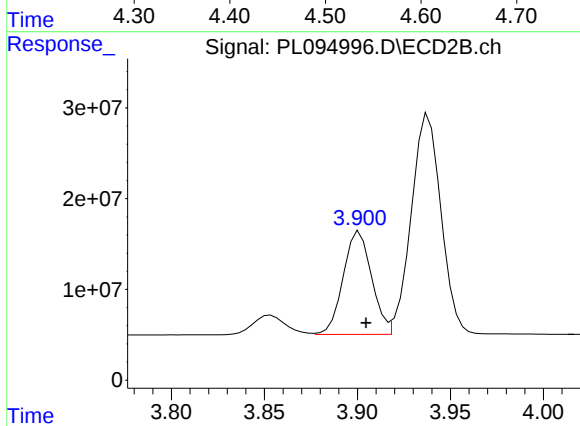
#5 Aldrin

R.T.: 4.218 min  
Delta R.T.: -0.004 min  
Response: 258735546  
Conc: 53.06 ng/ml



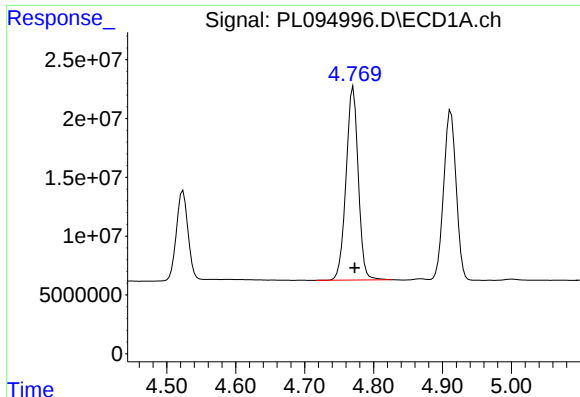
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: -0.002 min  
Response: 89251061  
Conc: 48.37 ng/ml



#6 beta-BHC

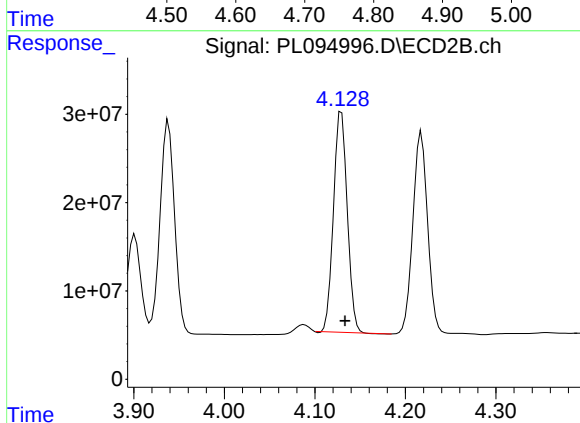
R.T.: 3.901 min  
Delta R.T.: -0.004 min  
Response: 120537377  
Conc: 54.26 ng/ml



#7 delta-BHC

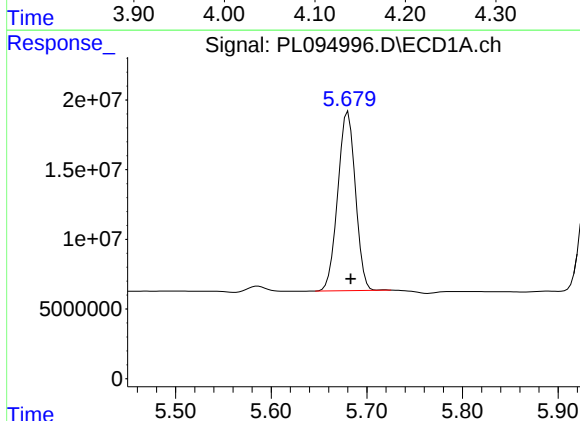
R.T.: 4.771 min  
Delta R.T.: -0.002 min  
Response: 202480068  
Conc: 51.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



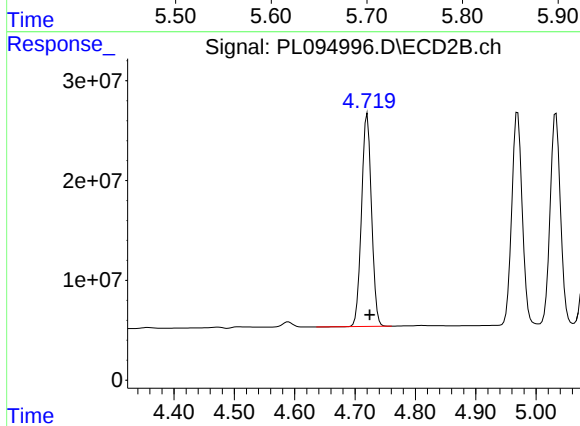
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: -0.004 min  
Response: 264517861  
Conc: 52.88 ng/ml



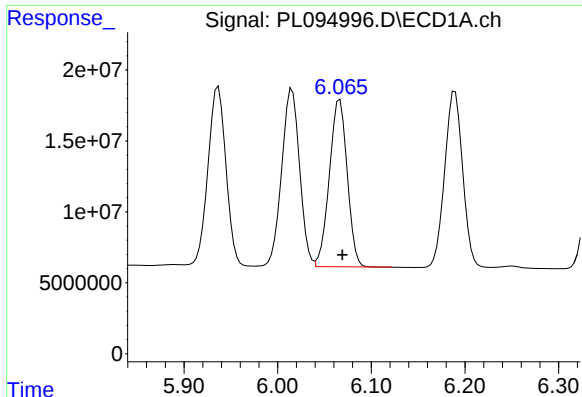
#8 Heptachlor epoxide

R.T.: 5.680 min  
Delta R.T.: -0.003 min  
Response: 165141764  
Conc: 49.37 ng/ml



#8 Heptachlor epoxide

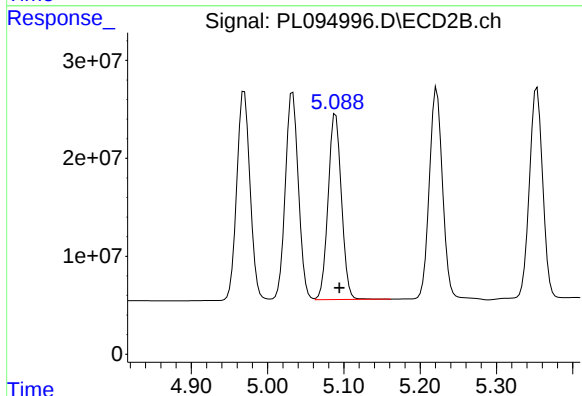
R.T.: 4.720 min  
Delta R.T.: -0.004 min  
Response: 245080565  
Conc: 53.53 ng/ml



#9 Endosulfan I

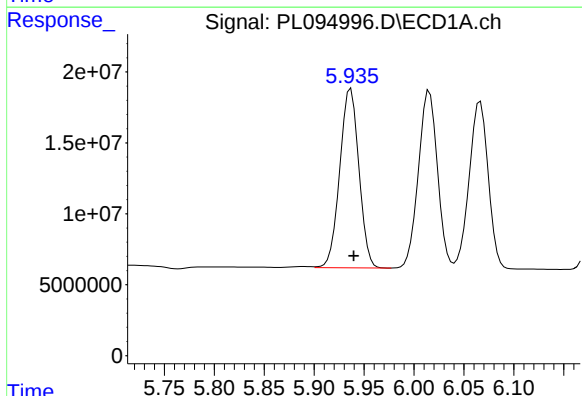
R.T.: 6.066 min  
Delta R.T.: -0.003 min  
Response: 156098515  
Conc: 50.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



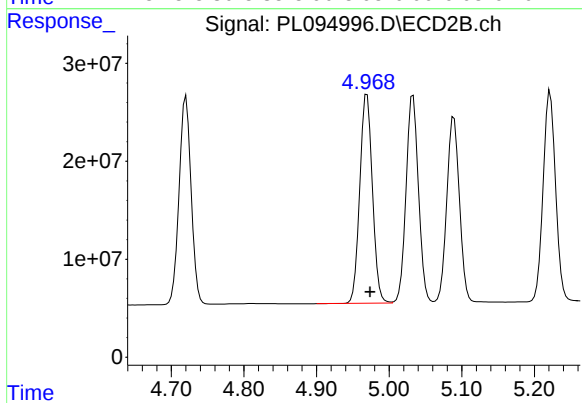
#9 Endosulfan I

R.T.: 5.089 min  
Delta R.T.: -0.005 min  
Response: 230340297  
Conc: 52.48 ng/ml



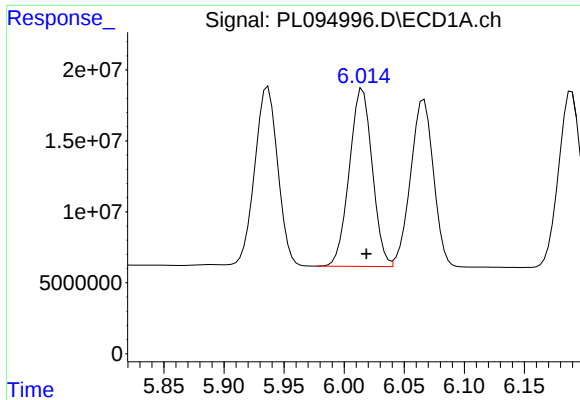
#10 gamma-Chlordane

R.T.: 5.937 min  
Delta R.T.: -0.003 min  
Response: 168574125  
Conc: 50.03 ng/ml



#10 gamma-Chlordane

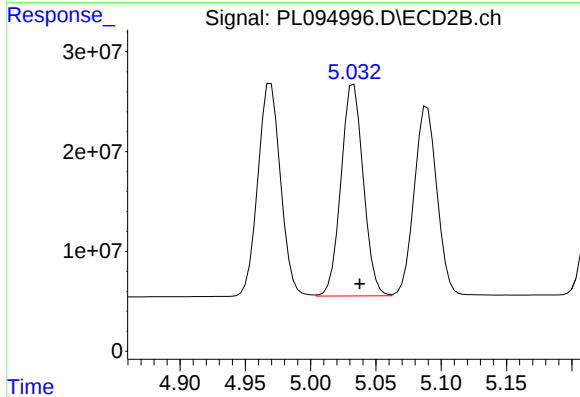
R.T.: 4.969 min  
Delta R.T.: -0.004 min  
Response: 257682822  
Conc: 53.37 ng/ml



#11 alpha-Chlordane

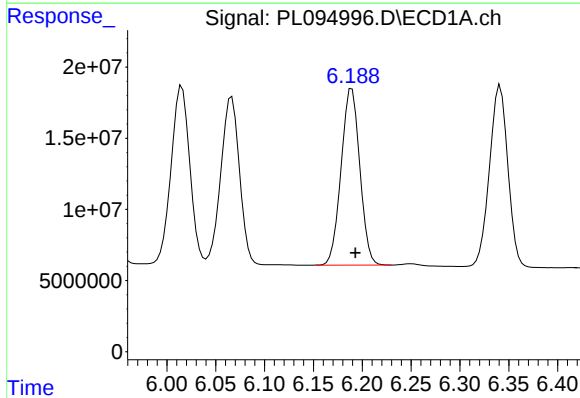
R.T.: 6.015 min  
Delta R.T.: -0.003 min  
Response: 166579773  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



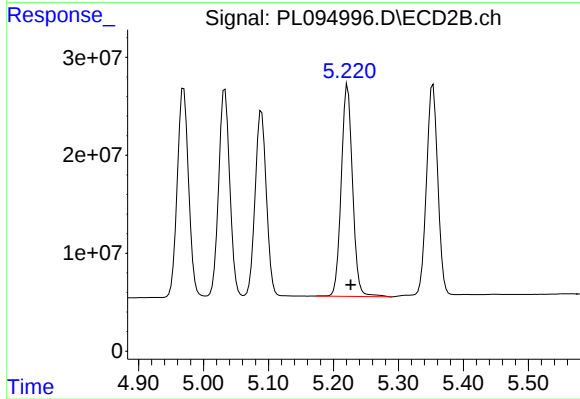
#11 alpha-Chlordane

R.T.: 5.033 min  
Delta R.T.: -0.005 min  
Response: 252168360  
Conc: 52.83 ng/ml



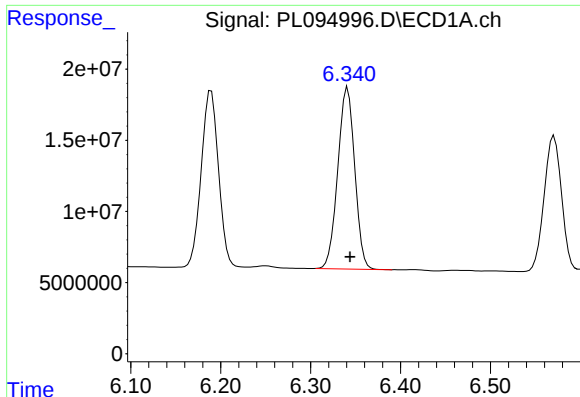
#12 4,4'-DDE

R.T.: 6.189 min  
Delta R.T.: -0.004 min  
Response: 165345638  
Conc: 56.20 ng/ml



#12 4,4'-DDE

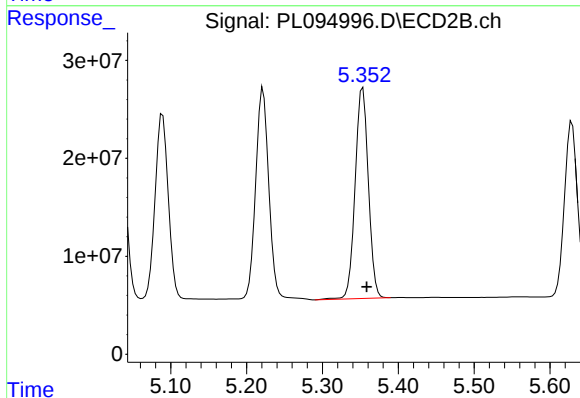
R.T.: 5.222 min  
Delta R.T.: -0.005 min  
Response: 261513382  
Conc: 56.26 ng/ml



#13 Dieldrin

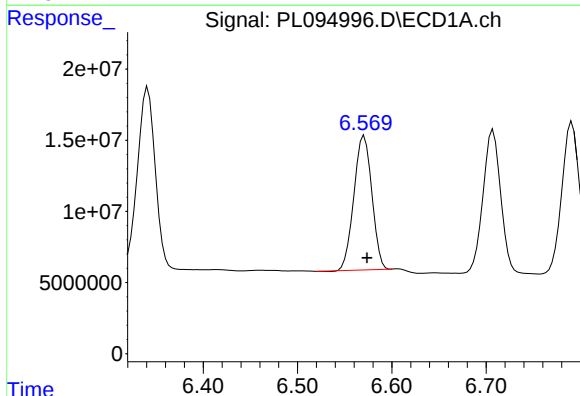
R.T.: 6.341 min  
Delta R.T.: -0.003 min  
Response: 166898300  
Conc: 52.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



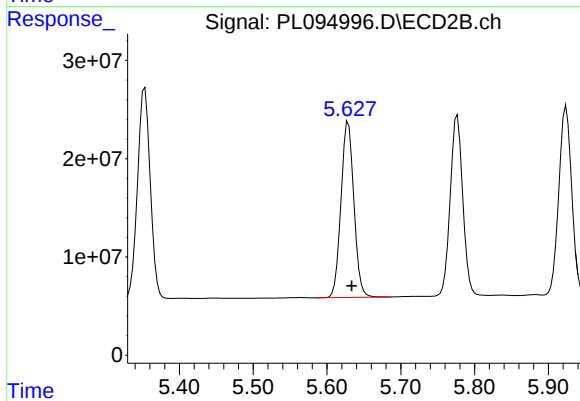
#13 Dieldrin

R.T.: 5.353 min  
Delta R.T.: -0.005 min  
Response: 260884154  
Conc: 53.77 ng/ml



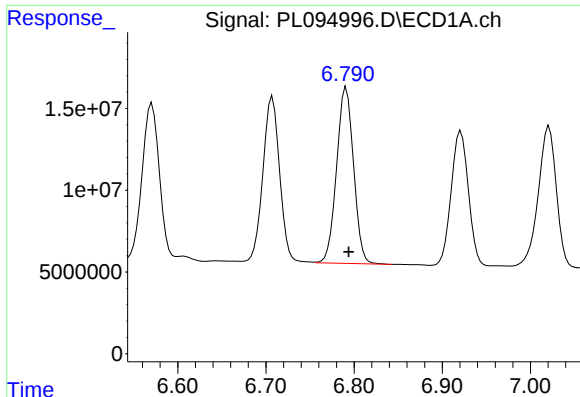
#14 Endrin

R.T.: 6.571 min  
Delta R.T.: -0.003 min  
Response: 124718476  
Conc: 44.99 ng/ml



#14 Endrin

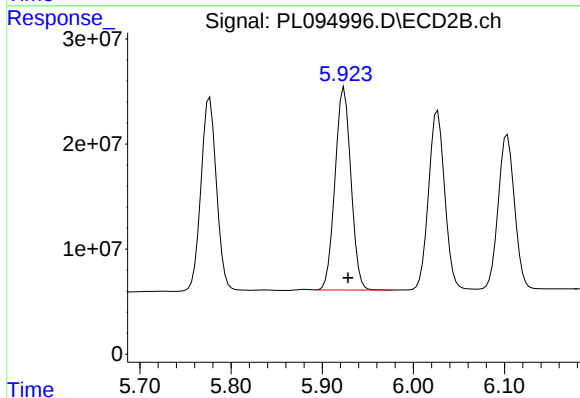
R.T.: 5.629 min  
Delta R.T.: -0.005 min  
Response: 217308660  
Conc: 49.80 ng/ml



#15 Endosulfan II

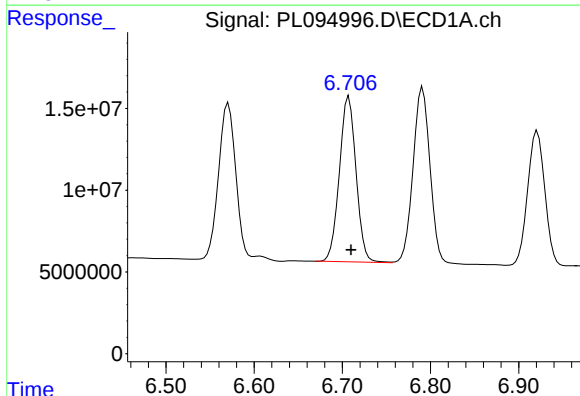
R.T.: 6.791 min  
Delta R.T.: -0.003 min  
Response: 143973384  
Conc: 53.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



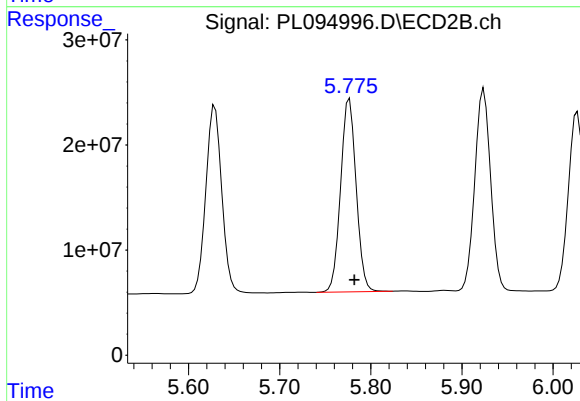
#15 Endosulfan II

R.T.: 5.924 min  
Delta R.T.: -0.004 min  
Response: 233712755  
Conc: 54.00 ng/ml



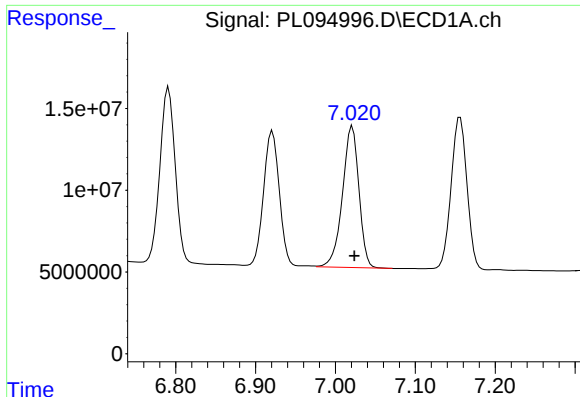
#16 4,4'-DDD

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 132860717  
Conc: 61.34 ng/ml



#16 4,4'-DDD

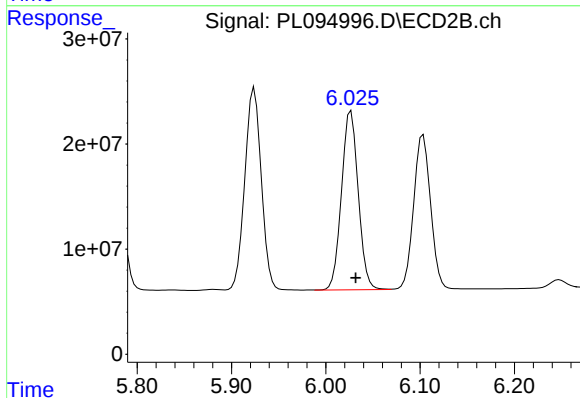
R.T.: 5.777 min  
Delta R.T.: -0.005 min  
Response: 217380597  
Conc: 60.45 ng/ml



#17 4,4'-DDT

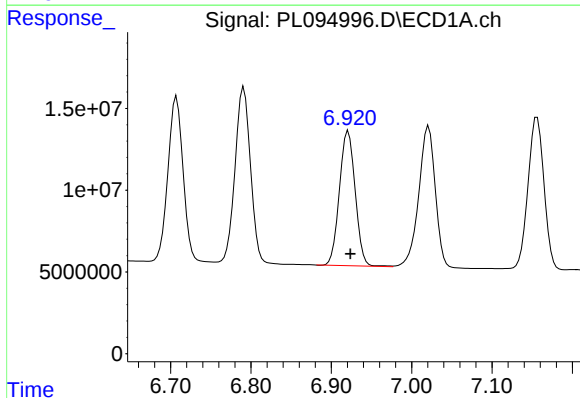
R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 123806298  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



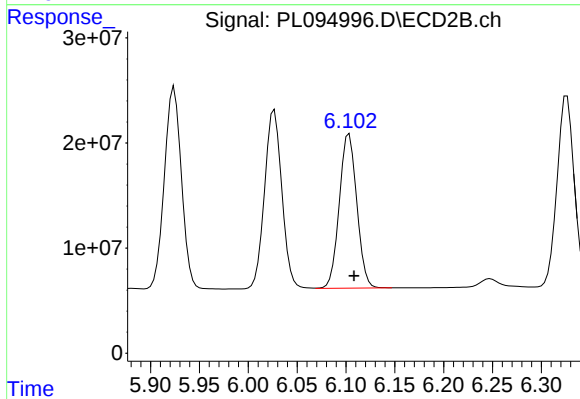
#17 4,4'-DDT

R.T.: 6.027 min  
Delta R.T.: -0.005 min  
Response: 209802547  
Conc: 52.03 ng/ml



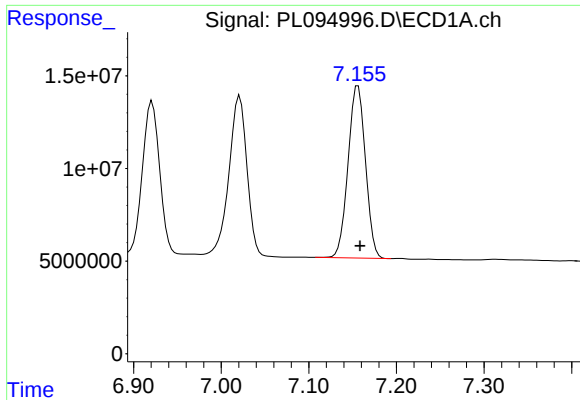
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: -0.003 min  
Response: 112528108  
Conc: 53.31 ng/ml



#18 Endrin aldehyde

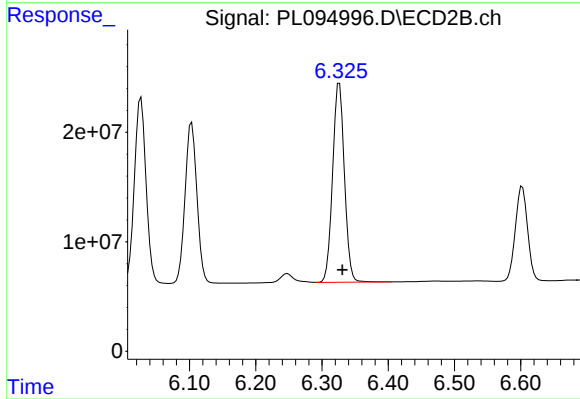
R.T.: 6.103 min  
Delta R.T.: -0.005 min  
Response: 183086407  
Conc: 54.40 ng/ml



#19 Endosulfan Sulfate

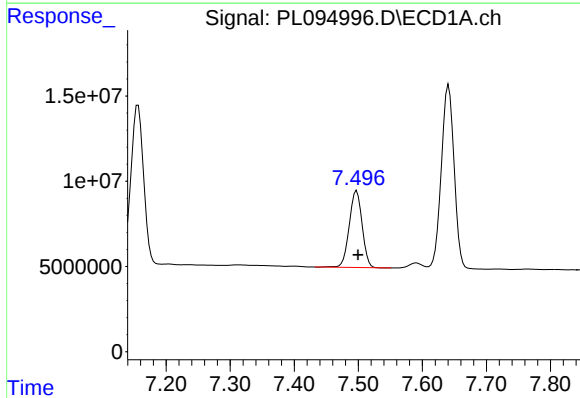
R.T.: 7.156 min  
Delta R.T.: -0.002 min  
Response: 128456285  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



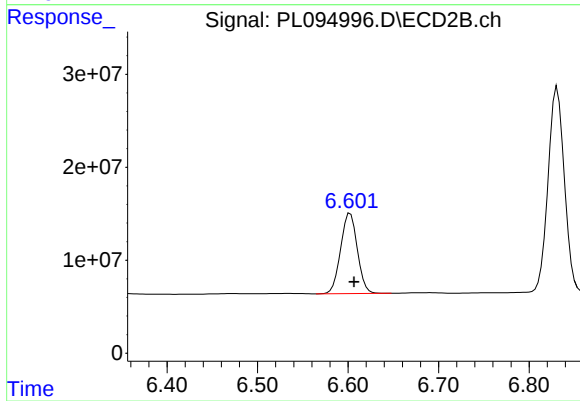
#19 Endosulfan Sulfate

R.T.: 6.326 min  
Delta R.T.: -0.005 min  
Response: 225312046  
Conc: 55.31 ng/ml



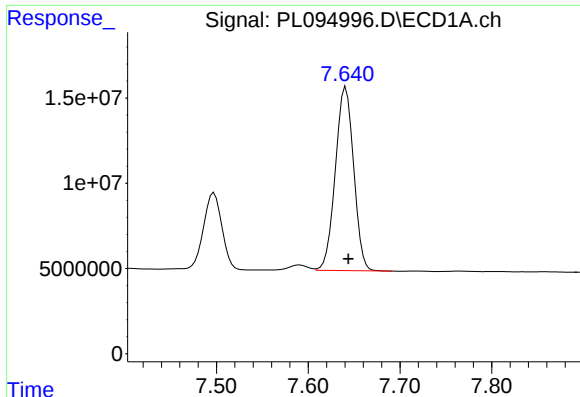
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.002 min  
Response: 62668874  
Conc: 52.35 ng/ml



#20 Methoxychlor

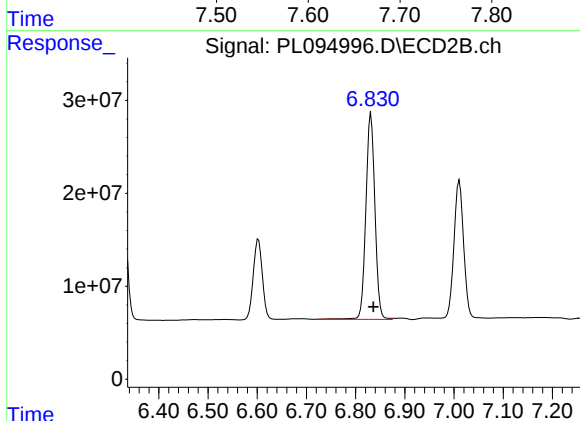
R.T.: 6.602 min  
Delta R.T.: -0.005 min  
Response: 110739613  
Conc: 52.21 ng/ml



#21 Endrin ketone

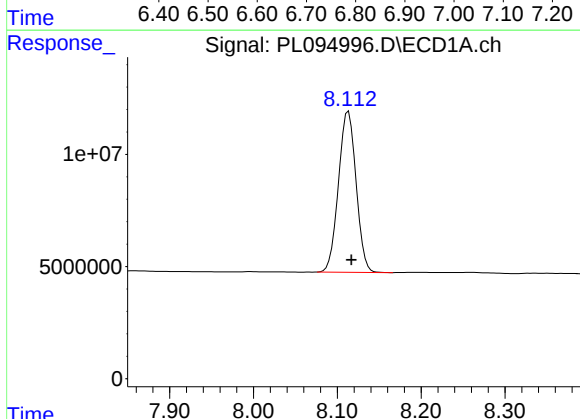
R.T.: 7.641 min  
Delta R.T.: -0.003 min  
Response: 149469422  
Conc: 56.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



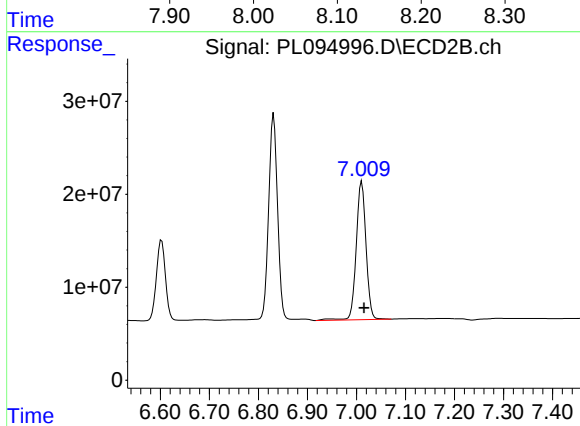
#21 Endrin ketone

R.T.: 6.831 min  
Delta R.T.: -0.005 min  
Response: 283653413  
Conc: 59.43 ng/ml



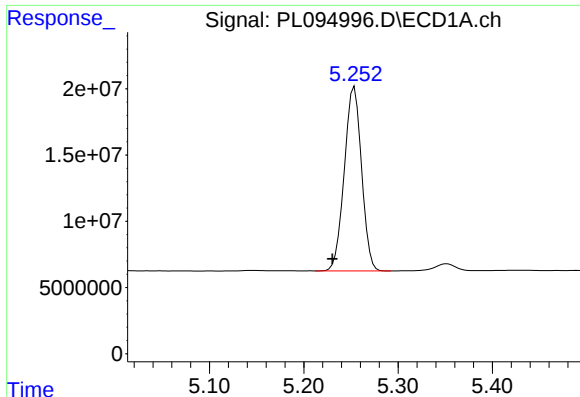
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: -0.004 min  
Response: 104893566  
Conc: 50.76 ng/ml



#22 Mirex

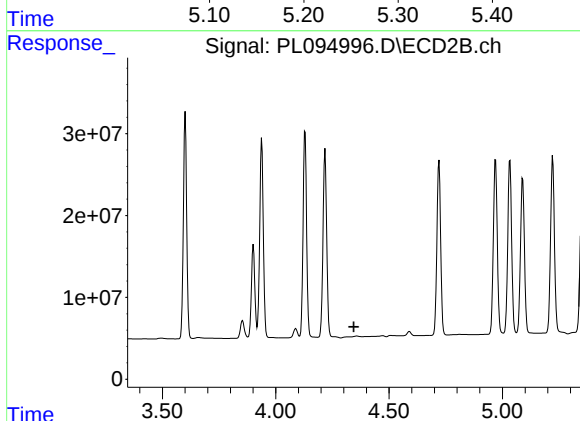
R.T.: 7.011 min  
Delta R.T.: -0.005 min  
Response: 206981614  
Conc: 54.54 ng/ml



#24 Chlordane-2

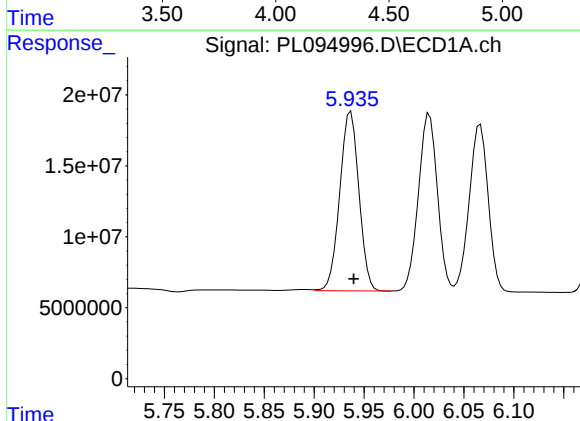
R.T.: 5.254 min  
Delta R.T.: 0.023 min  
Response: 176950010  
Conc: 1169.49 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



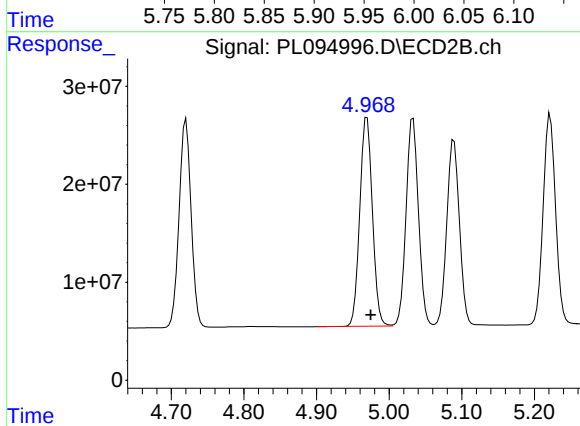
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



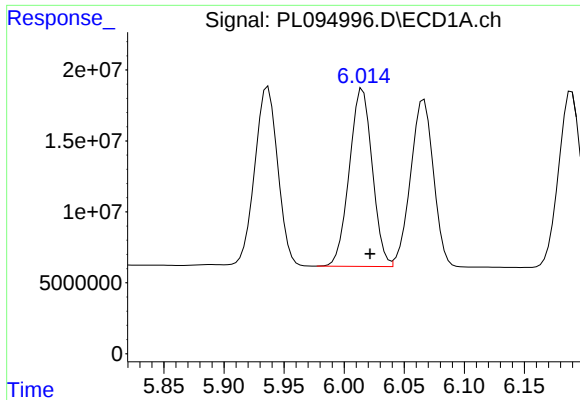
#25 Chlordane-3

R.T.: 5.937 min  
Delta R.T.: -0.003 min  
Response: 168574125  
Conc: 337.27 ng/ml



#25 Chlordane-3

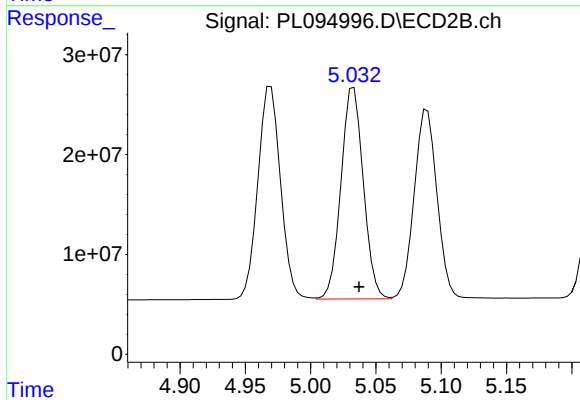
R.T.: 4.969 min  
Delta R.T.: -0.005 min  
Response: 257682822  
Conc: 484.37 ng/ml



#26 Chlordane-4

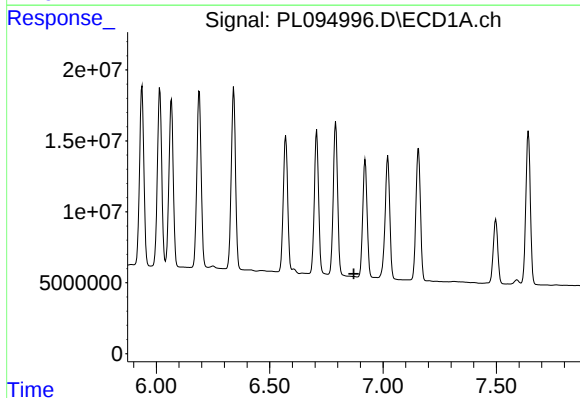
R.T.: 6.015 min  
Delta R.T.: -0.006 min  
Response: 166579773  
Conc: 282.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



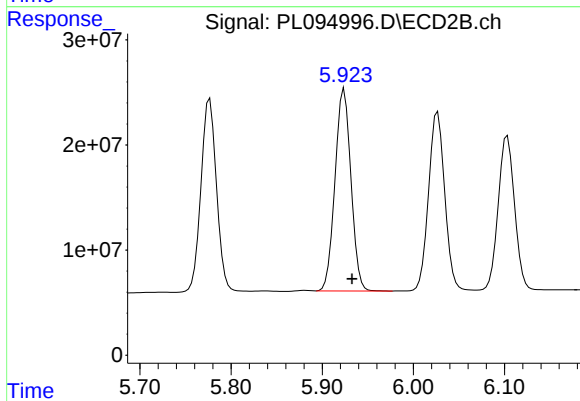
#26 Chlordane-4

R.T.: 5.033 min  
Delta R.T.: -0.004 min  
Response: 252168360  
Conc: 484.42 ng/ml



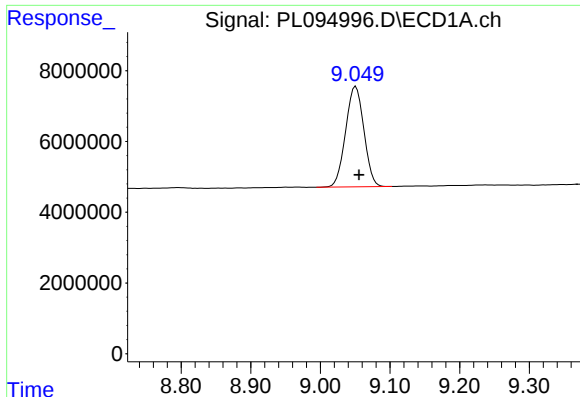
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

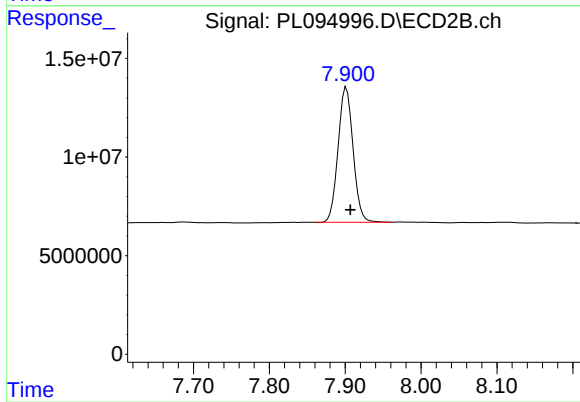
R.T.: 5.924 min  
Delta R.T.: -0.009 min  
Response: 233712755  
Conc: 1218.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: -0.005 min  
Response: 51767229  
Conc: 24.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167419BS



#28 Decachlorobiphenyl

R.T.: 7.902 min  
Delta R.T.: -0.005 min  
Response: 94221105  
Conc: 23.33 ng/ml