

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030425\  
 Data File : PL094483.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Mar 2025 16:40  
 Operator : AR\AJ  
 Sample : PB166972BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB166972BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 05 01:31:25 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... | 3.538  | 2.771 | 53405865 | 63655060 | 21.033   | 19.947     |
| 28)                         | SA Decachlor... | 9.055  | 7.907 | 46890288 | 76148744 | 22.043   | 19.801     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.995  | 3.274 | 187.8E6  | 249.6E6  | 49.639   | 50.778     |
| 3)                          | MA gamma-BHC... | 4.328  | 3.604 | 180.4E6  | 239.1E6  | 48.834   | 50.755     |
| 4)                          | MA Heptachlor   | 4.915  | 3.942 | 177.5E6  | 250.8E6  | 52.341   | 53.142     |
| 5)                          | MB Aldrin       | 5.256  | 4.221 | 167.5E6  | 233.0E6  | 48.808   | 50.433     |
| 6)                          | B beta-BHC      | 4.526  | 3.904 | 81293556 | 105.3E6  | 50.907   | 52.941     |
| 7)                          | B delta-BHC     | 4.773  | 4.133 | 174.5E6  | 237.3E6  | 49.308   | 50.108     |
| 8)                          | B Heptachlo...  | 5.684  | 4.724 | 155.0E6  | 221.7E6  | 51.437   | 52.101     |
| 9)                          | A Endosulfan I  | 6.069  | 5.094 | 142.3E6  | 208.0E6  | 51.769   | 52.164     |
| 10)                         | B gamma-Chl...  | 5.939  | 4.974 | 152.4E6  | 230.5E6  | 51.907   | 53.121     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.037 | 151.7E6  | 227.2E6  | 52.375   | 52.615     |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.226 | 141.7E6  | 228.1E6  | 54.271   | 54.303     |
| 13)                         | MA Dieldrin     | 6.344  | 5.357 | 147.4E6  | 234.6E6  | 51.746   | 53.539     |
| 14)                         | MA Endrin       | 6.574  | 5.634 | 129.8E6  | 213.6E6  | 50.845   | 62.728     |
| 15)                         | B Endosulfa...  | 6.794  | 5.928 | 129.6E6  | 206.6E6  | 51.479   | 55.251     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.781 | 106.7E6  | 181.9E6  | 57.700   | 57.100     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.031 | 117.2E6  | 201.5E6  | 55.792   | 56.655     |
| 18)                         | B Endrin al...  | 6.924  | 6.108 | 97431442 | 162.0E6  | 50.047   | 51.257     |
| 19)                         | B Endosulfa...  | 7.159  | 6.331 | 114.6E6  | 200.1E6  | 50.624   | 54.161     |
| 20)                         | A Methoxychlor  | 7.500  | 6.606 | 60647467 | 107.1E6  | 54.586   | 54.874     |
| 21)                         | B Endrin ke...  | 7.644  | 6.836 | 127.3E6  | 224.7E6  | 50.799   | 52.653     |
| 22)                         | Mirex           | 8.117  | 7.015 | 96060284 | 173.1E6  | 46.557   | 49.647     |
| 23)                         | Chlordane-1     | 0.000  | 3.771 | 0        | 52933    | N.D.     | 0.390 #    |
| 24)                         | Chlordane-2     | 5.256f | 4.360 | 167.5E6  | 187101   | 1335.599 | 1.187 #    |
| 25)                         | Chlordane-3     | 5.939  | 4.974 | 152.4E6  | 230.5E6  | 348.071  | 485.153 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.037 | 151.7E6  | 227.2E6  | 286.275  | 483.287 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.928 | 0        | 206.6E6  | N.D.     | 1261.947 # |
| -----                       |                 |        |       |          |          |          |            |

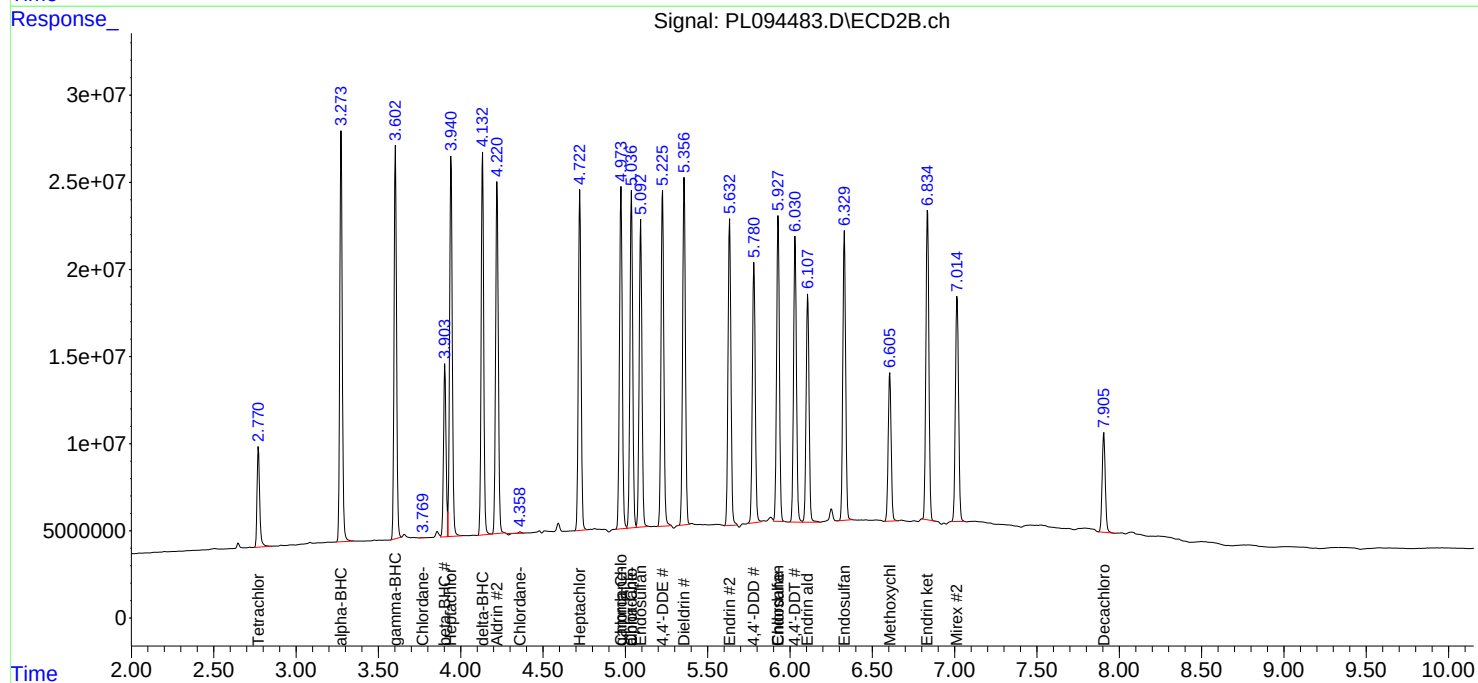
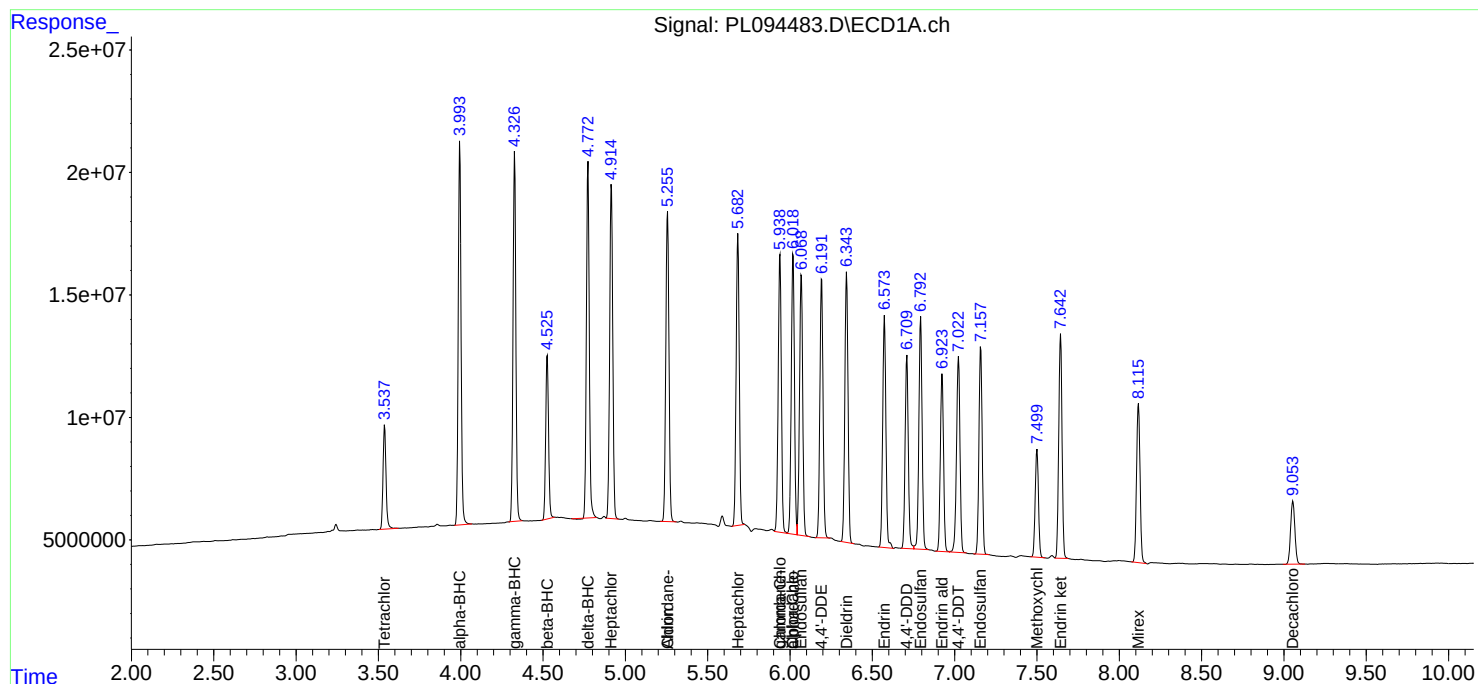
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

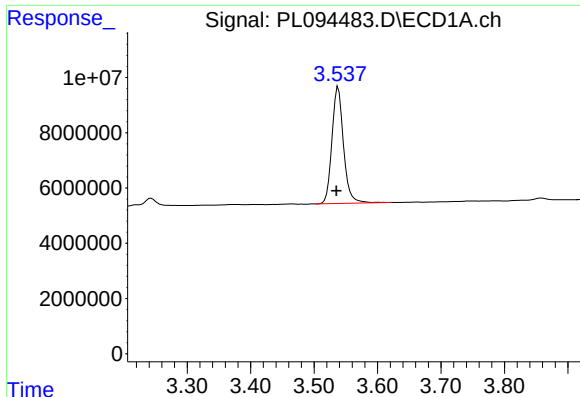
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030425\  
Data File : PL094483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Mar 2025 16:40  
Operator : AR\AJ  
Sample : PB166972BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 05 01:31:25 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

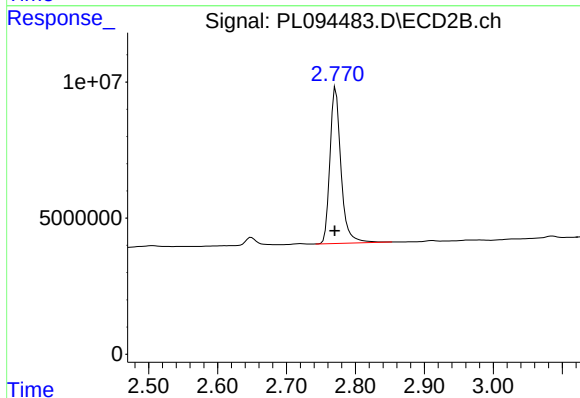




#1 Tetrachloro-m-xylene

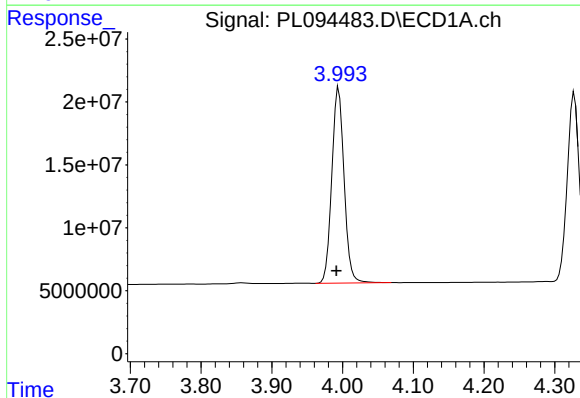
R.T.: 3.538 min  
Delta R.T.: 0.003 min  
Response: 53405865  
Conc: 21.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



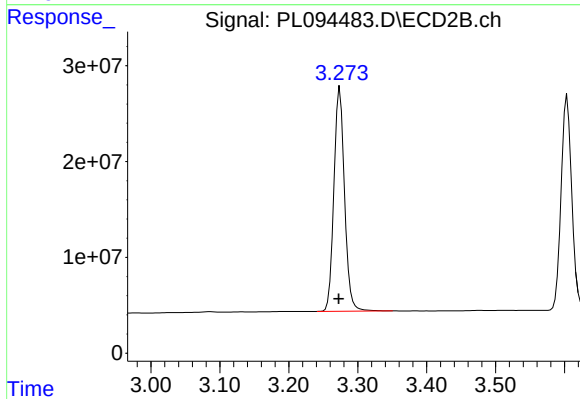
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.001 min  
Response: 63655060  
Conc: 19.95 ng/ml



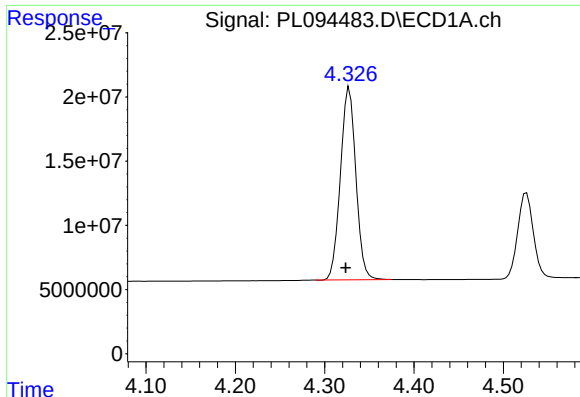
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.003 min  
Response: 187769351  
Conc: 49.64 ng/ml



#2 alpha-BHC

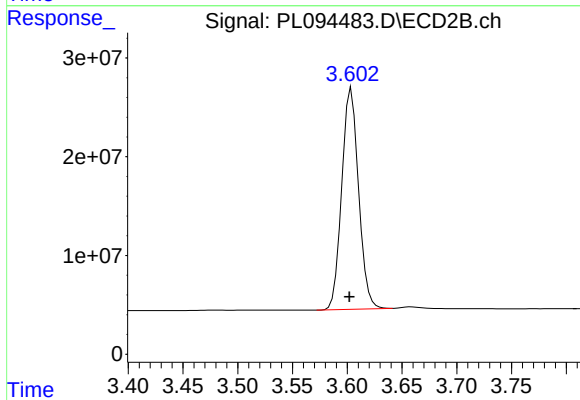
R.T.: 3.274 min  
Delta R.T.: 0.002 min  
Response: 249564545  
Conc: 50.78 ng/ml



#3 gamma-BHC (Lindane)

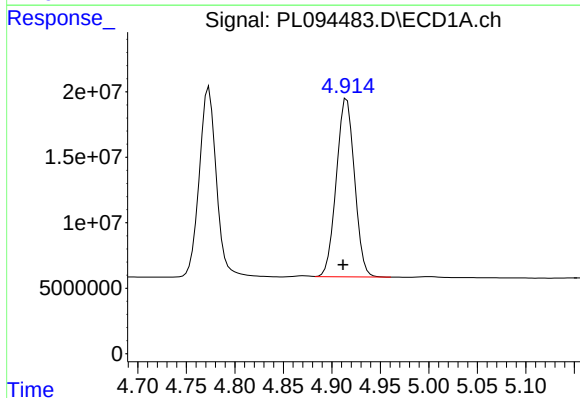
R.T.: 4.328 min  
Delta R.T.: 0.004 min  
Response: 180428084  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



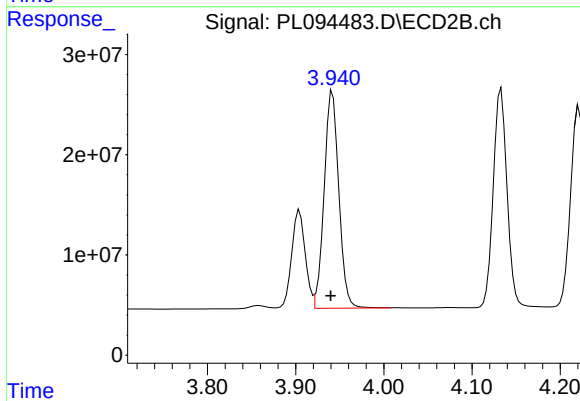
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: 0.002 min  
Response: 239054608  
Conc: 50.76 ng/ml



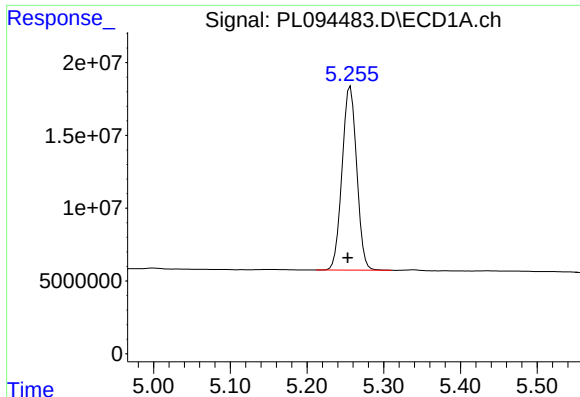
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.004 min  
Response: 177454429  
Conc: 52.34 ng/ml



#4 Heptachlor

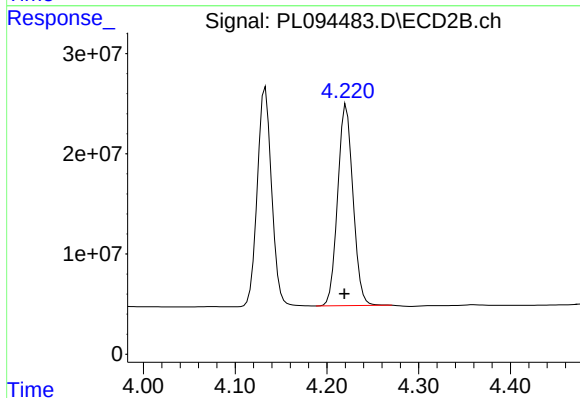
R.T.: 3.942 min  
Delta R.T.: 0.002 min  
Response: 250844446  
Conc: 53.14 ng/ml



#5 Aldrin

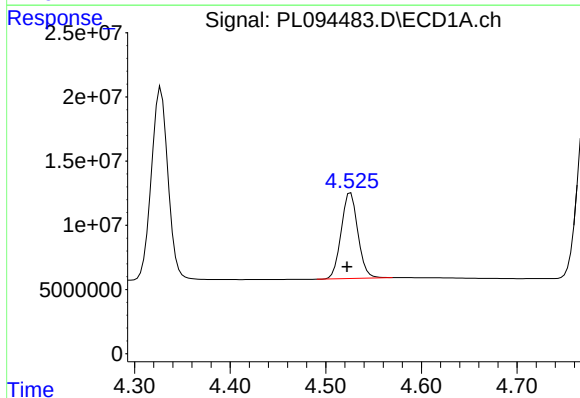
R.T.: 5.256 min  
Delta R.T.: 0.003 min  
Response: 167496204  
Conc: 48.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



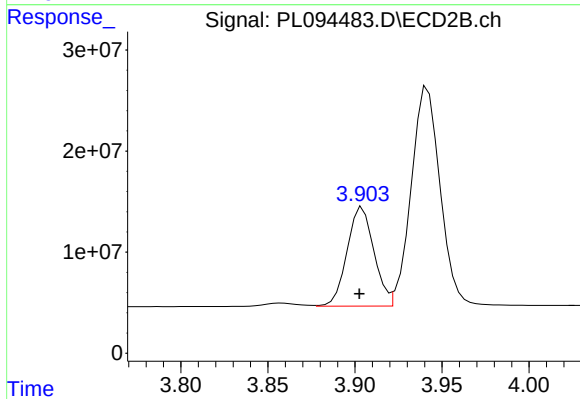
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: 0.002 min  
Response: 233020525  
Conc: 50.43 ng/ml



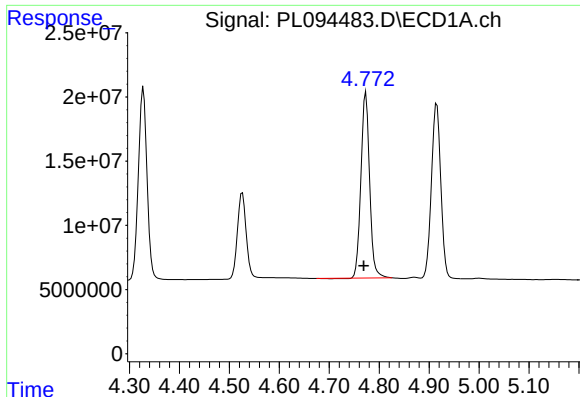
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.004 min  
Response: 81293556  
Conc: 50.91 ng/ml



#6 beta-BHC

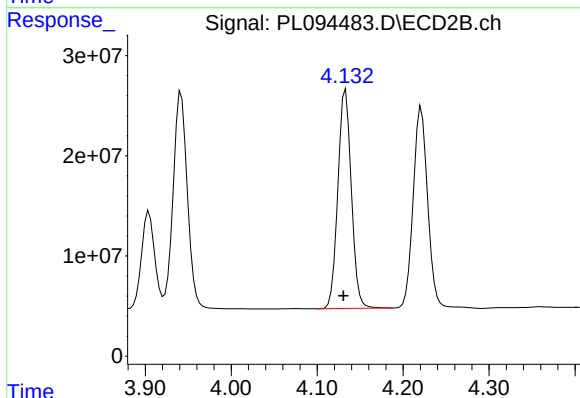
R.T.: 3.904 min  
Delta R.T.: 0.002 min  
Response: 105296222  
Conc: 52.94 ng/ml



#7 delta-BHC

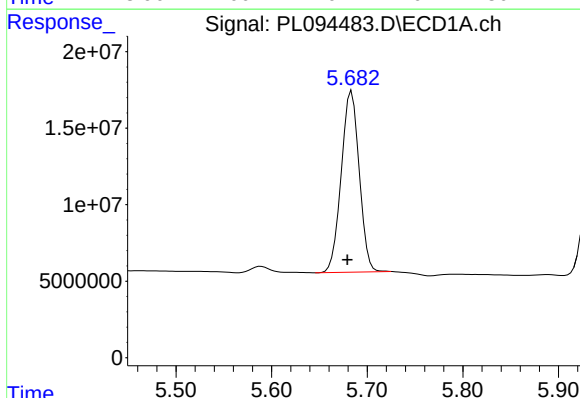
R.T.: 4.773 min  
Delta R.T.: 0.004 min  
Response: 174464339  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



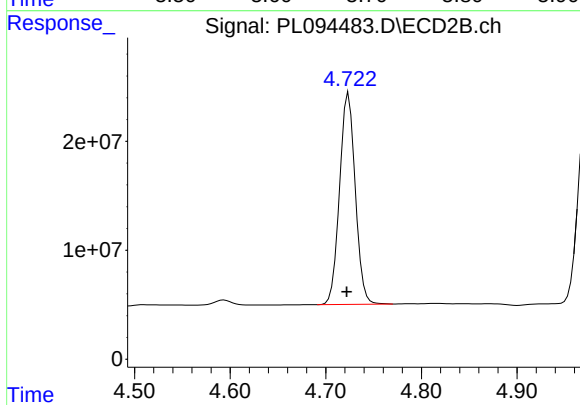
#7 delta-BHC

R.T.: 4.133 min  
Delta R.T.: 0.003 min  
Response: 237297904  
Conc: 50.11 ng/ml



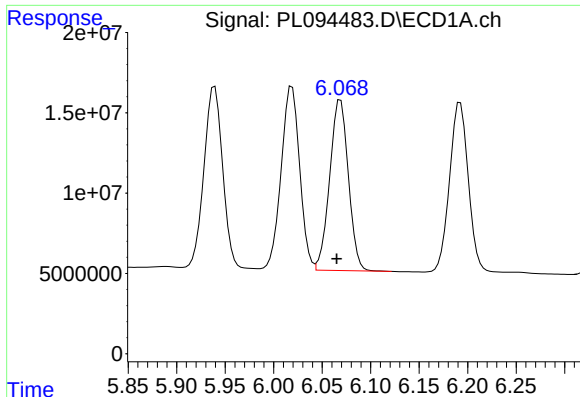
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.005 min  
Response: 154998251  
Conc: 51.44 ng/ml



#8 Heptachlor epoxide

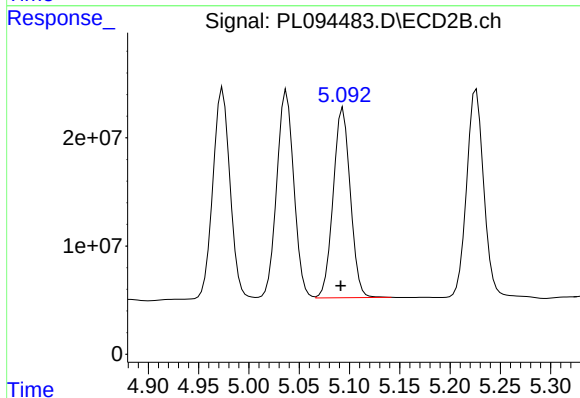
R.T.: 4.724 min  
Delta R.T.: 0.002 min  
Response: 221710791  
Conc: 52.10 ng/ml



#9 Endosulfan I

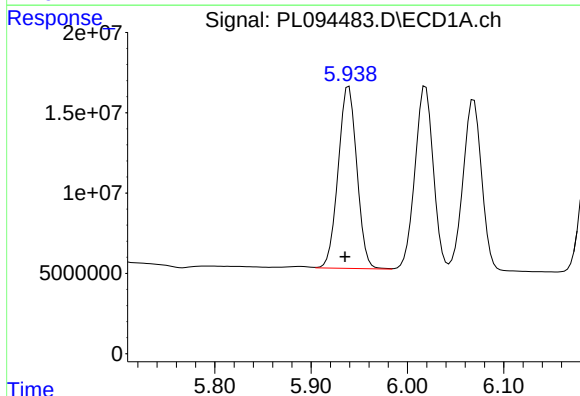
R.T.: 6.069 min  
Delta R.T.: 0.004 min  
Response: 142294854  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



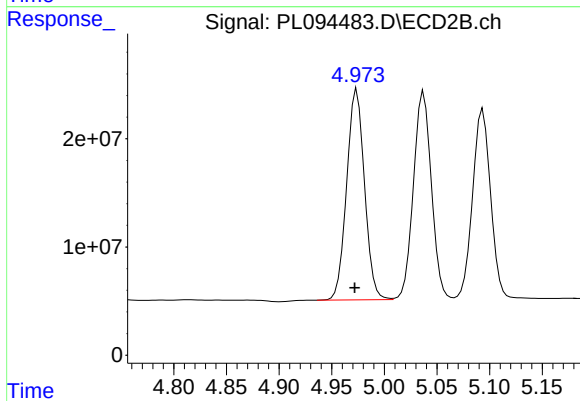
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: 0.002 min  
Response: 207957344  
Conc: 52.16 ng/ml



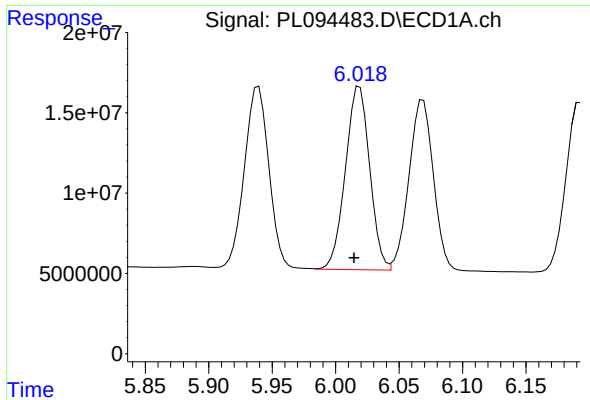
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.004 min  
Response: 152405437  
Conc: 51.91 ng/ml



#10 gamma-Chlordane

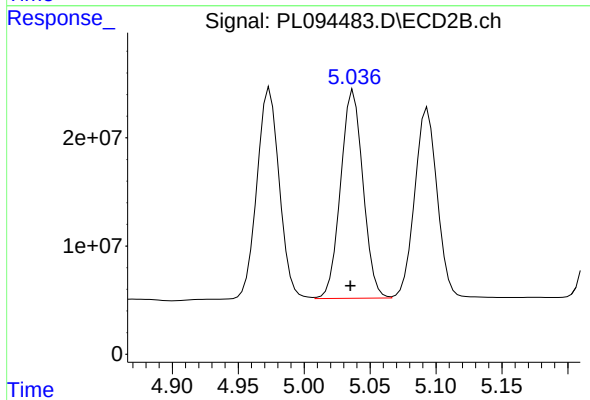
R.T.: 4.974 min  
Delta R.T.: 0.002 min  
Response: 230484132  
Conc: 53.12 ng/ml



#11 alpha-Chlordane

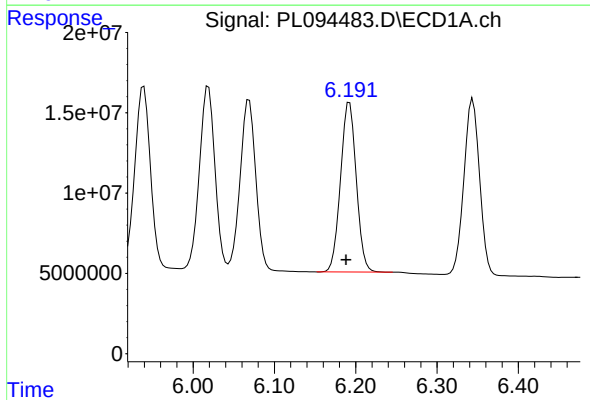
R.T.: 6.019 min  
Delta R.T.: 0.004 min  
Response: 151734412  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



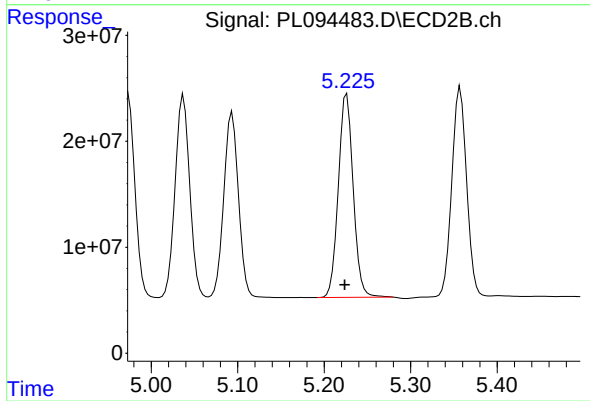
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: 0.002 min  
Response: 227172051  
Conc: 52.62 ng/ml



#12 4,4'-DDE

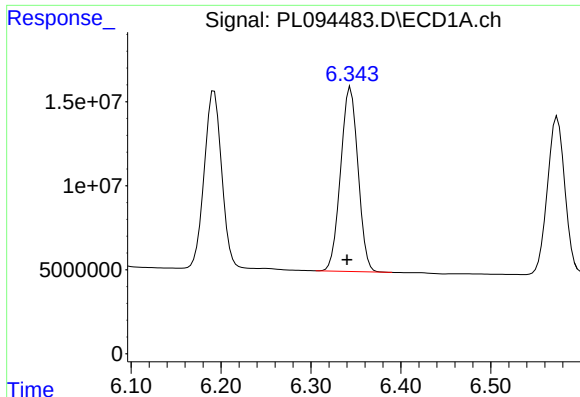
R.T.: 6.192 min  
Delta R.T.: 0.004 min  
Response: 141741263  
Conc: 54.27 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: 0.002 min  
Response: 228073825  
Conc: 54.30 ng/ml

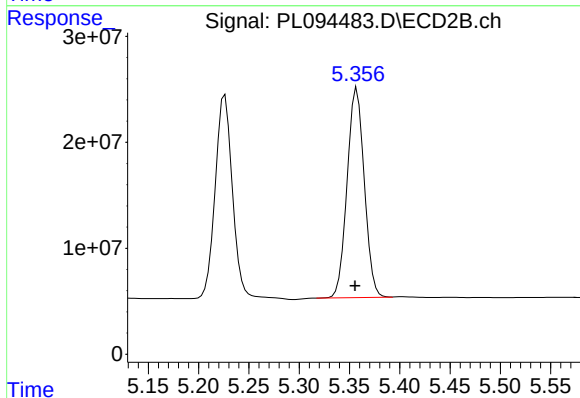




#13 Dieldrin

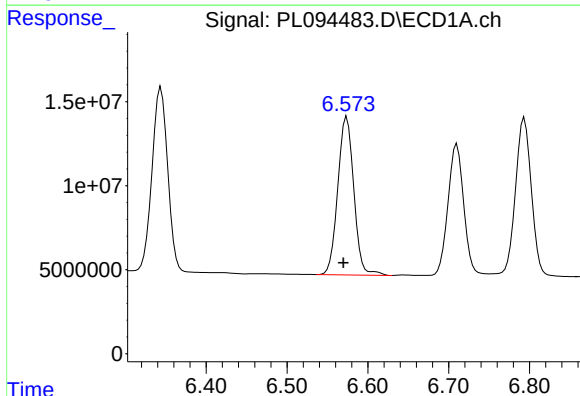
R.T.: 6.344 min  
Delta R.T.: 0.004 min  
Response: 147426402  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



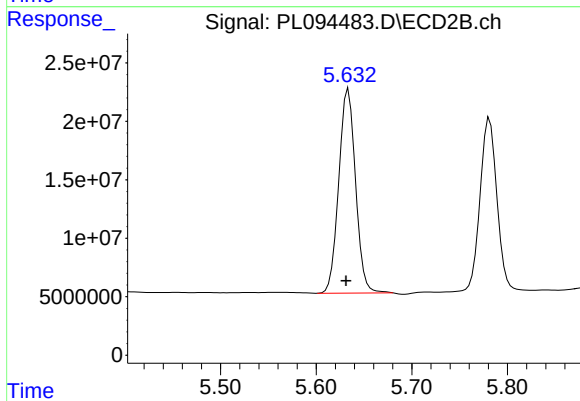
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: 0.002 min  
Response: 234596549  
Conc: 53.54 ng/ml



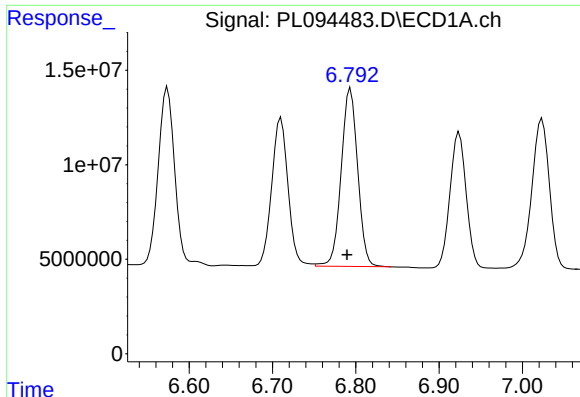
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.004 min  
Response: 129771402  
Conc: 50.85 ng/ml



#14 Endrin

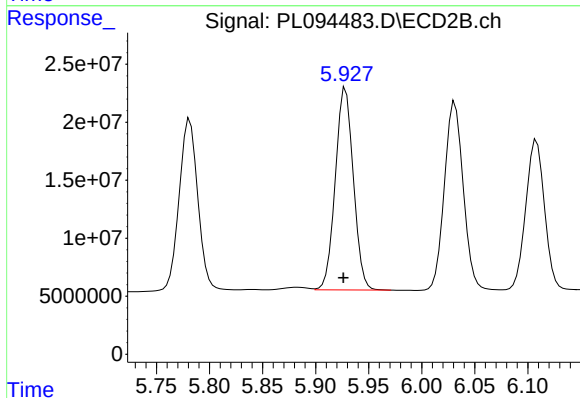
R.T.: 5.634 min  
Delta R.T.: 0.002 min  
Response: 213569930  
Conc: 62.73 ng/ml



#15 Endosulfan II

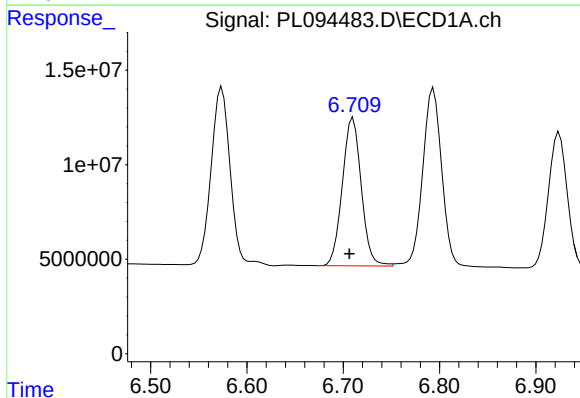
R.T.: 6.794 min  
Delta R.T.: 0.004 min  
Response: 129584790  
Conc: 51.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



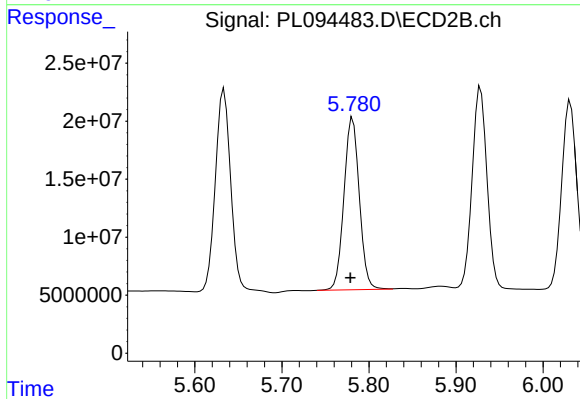
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: 0.002 min  
Response: 206614123  
Conc: 55.25 ng/ml



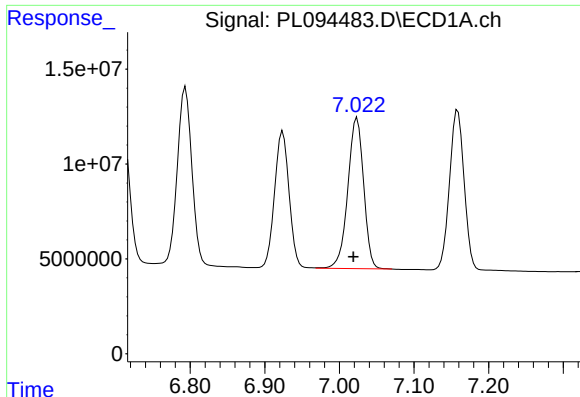
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.004 min  
Response: 106730619  
Conc: 57.70 ng/ml



#16 4,4'-DDD

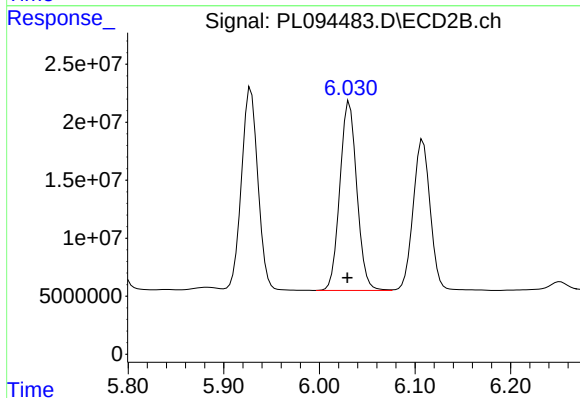
R.T.: 5.781 min  
Delta R.T.: 0.003 min  
Response: 181880941  
Conc: 57.10 ng/ml



#17 4,4'-DDT

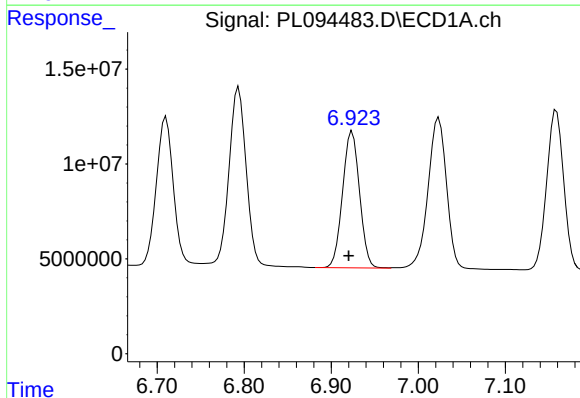
R.T.: 7.024 min  
Delta R.T.: 0.005 min  
Response: 117164337  
Conc: 55.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



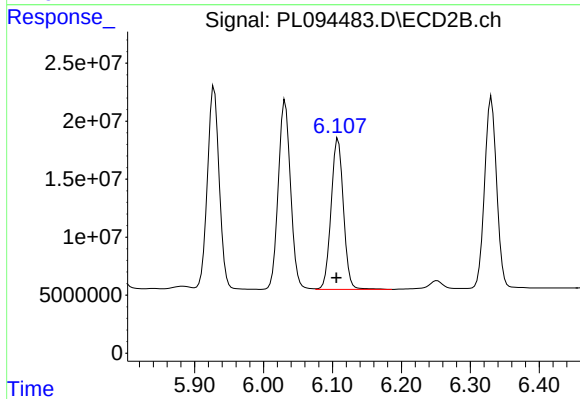
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: 0.002 min  
Response: 201521082  
Conc: 56.65 ng/ml



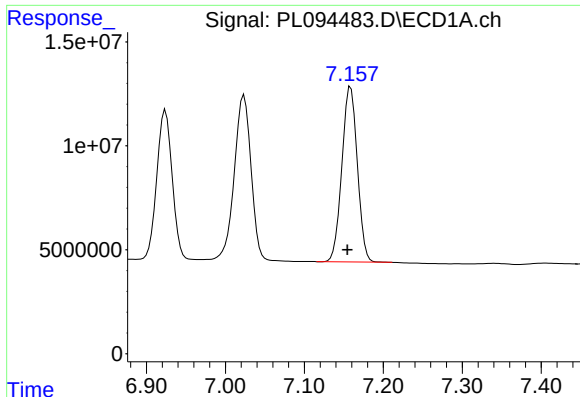
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.004 min  
Response: 97431442  
Conc: 50.05 ng/ml



#18 Endrin aldehyde

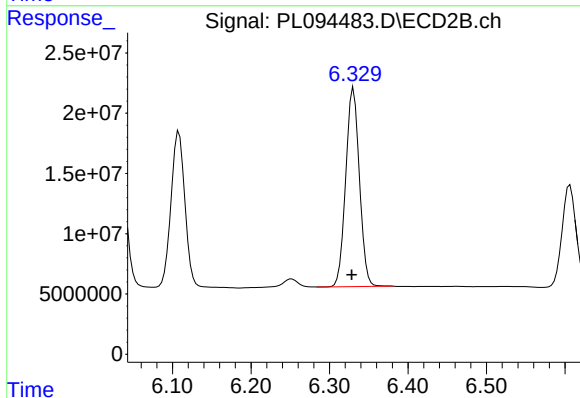
R.T.: 6.108 min  
Delta R.T.: 0.003 min  
Response: 161993336  
Conc: 51.26 ng/ml



#19 Endosulfan Sulfate

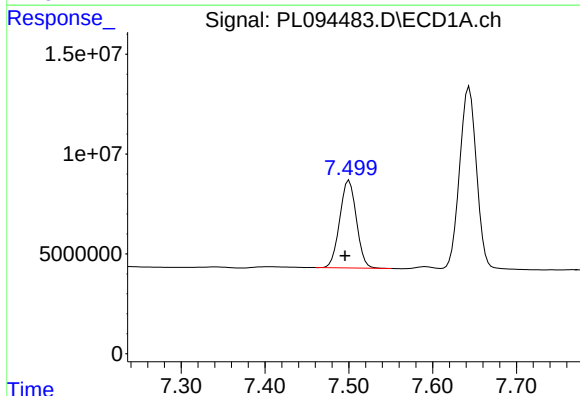
R.T.: 7.159 min  
Delta R.T.: 0.004 min  
Response: 114603640  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



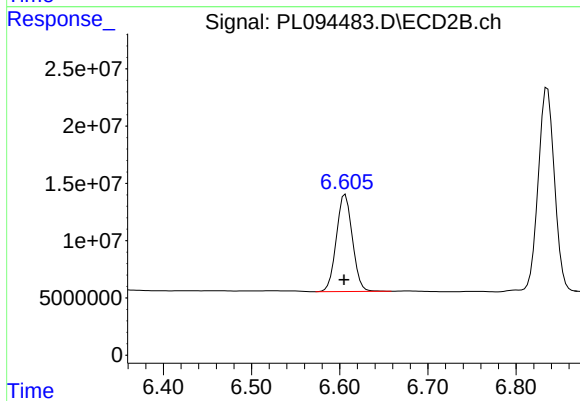
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: 0.002 min  
Response: 200052633  
Conc: 54.16 ng/ml



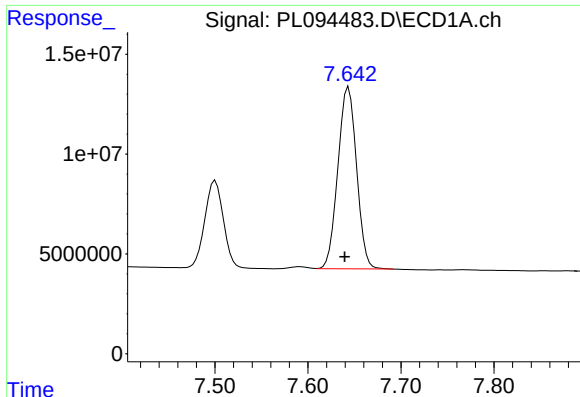
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.005 min  
Response: 60647467  
Conc: 54.59 ng/ml



#20 Methoxychlor

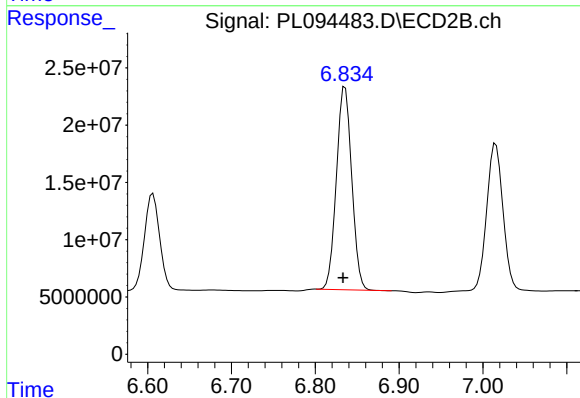
R.T.: 6.606 min  
Delta R.T.: 0.002 min  
Response: 107059755  
Conc: 54.87 ng/ml



#21 Endrin ketone

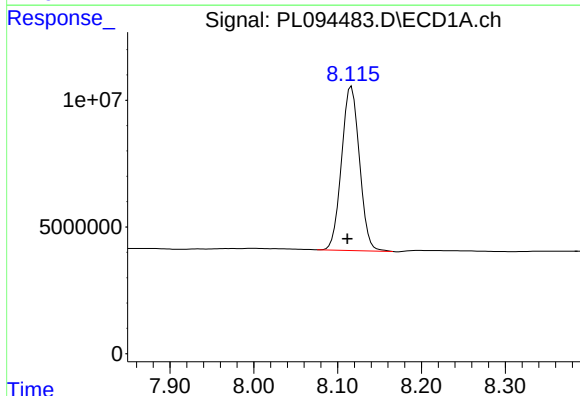
R.T.: 7.644 min  
Delta R.T.: 0.004 min  
Response: 127347940  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



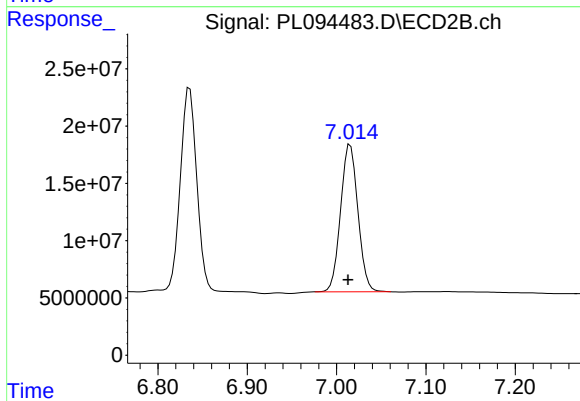
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: 0.002 min  
Response: 224696755  
Conc: 52.65 ng/ml



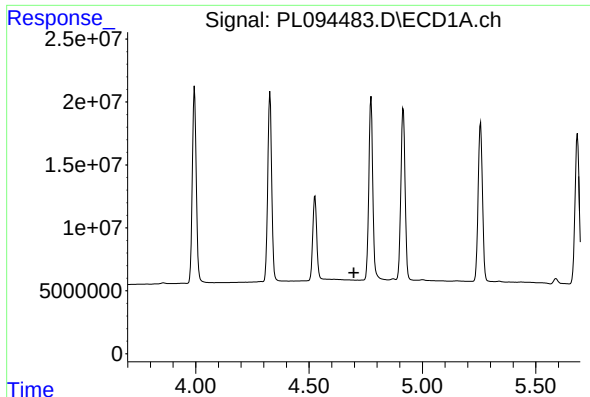
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.005 min  
Response: 96060284  
Conc: 46.56 ng/ml



#22 Mirex

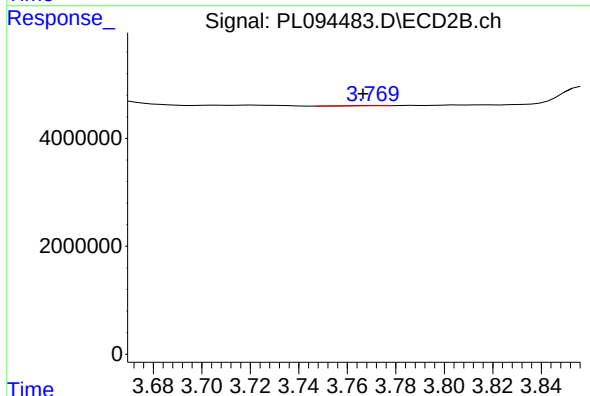
R.T.: 7.015 min  
Delta R.T.: 0.003 min  
Response: 173119458  
Conc: 49.65 ng/ml



#23 Chlordane-1

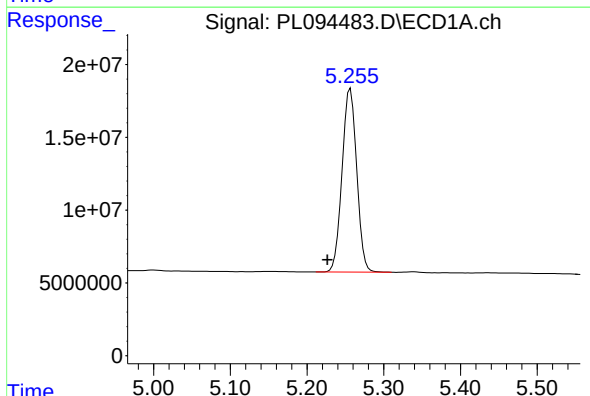
R.T.: 0.000 min  
Exp R.T.: 4.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



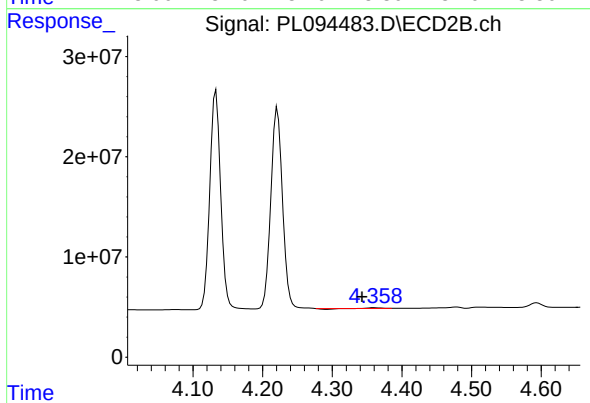
#23 Chlordane-1

R.T.: 3.771 min  
Delta R.T.: 0.005 min  
Response: 52933  
Conc: 0.39 ng/ml



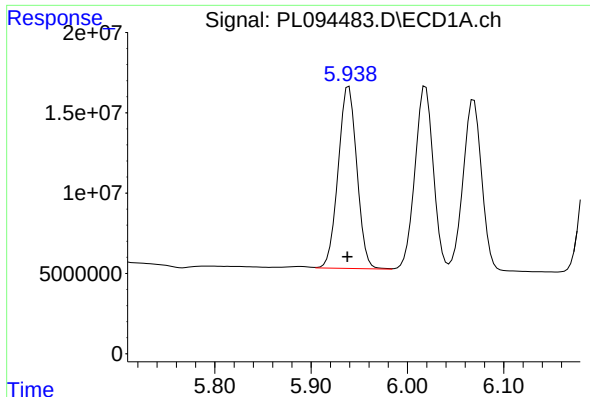
#24 Chlordane-2

R.T.: 5.256 min  
Delta R.T.: 0.030 min  
Response: 167496204  
Conc: 1335.60 ng/ml



#24 Chlordane-2

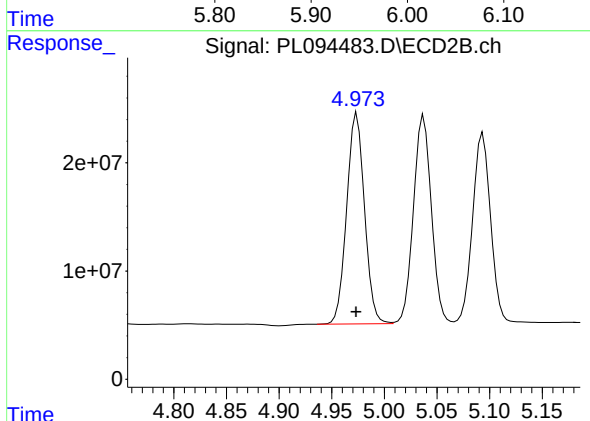
R.T.: 4.360 min  
Delta R.T.: 0.017 min  
Response: 187101  
Conc: 1.19 ng/ml



#25 Chlordane-3

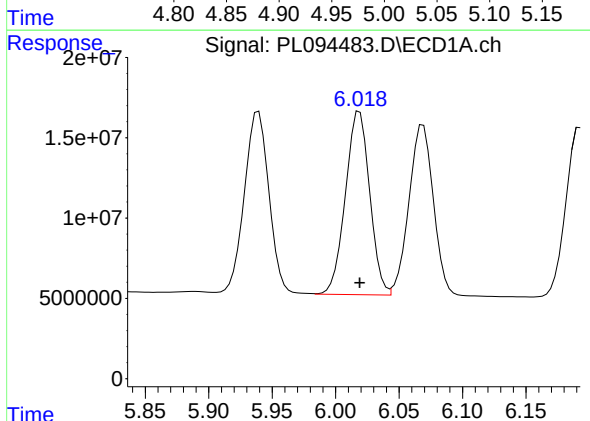
R.T.: 5.939 min  
Delta R.T.: 0.002 min  
Response: 152405437  
Conc: 348.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



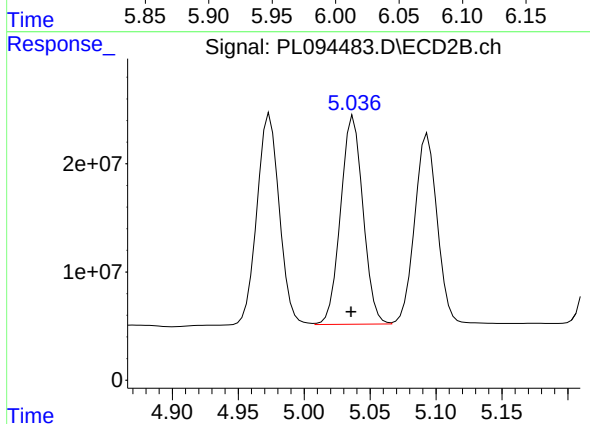
#25 Chlordane-3

R.T.: 4.974 min  
Delta R.T.: 0.001 min  
Response: 230484132  
Conc: 485.15 ng/ml



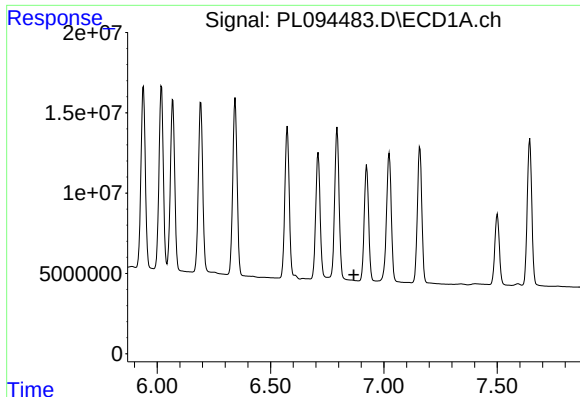
#26 Chlordane-4

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 151734412  
Conc: 286.28 ng/ml



#26 Chlordane-4

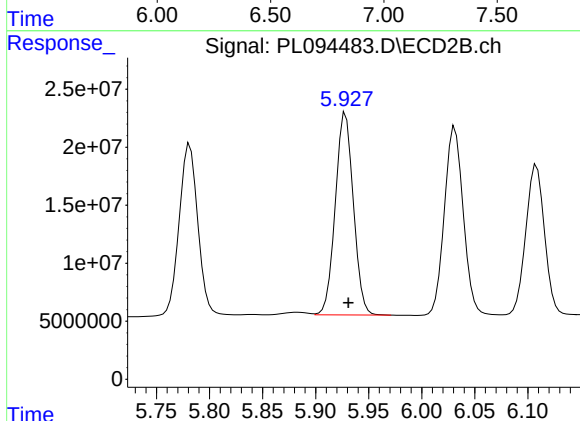
R.T.: 5.037 min  
Delta R.T.: 0.002 min  
Response: 227172051  
Conc: 483.29 ng/ml



#27 Chlordane-5

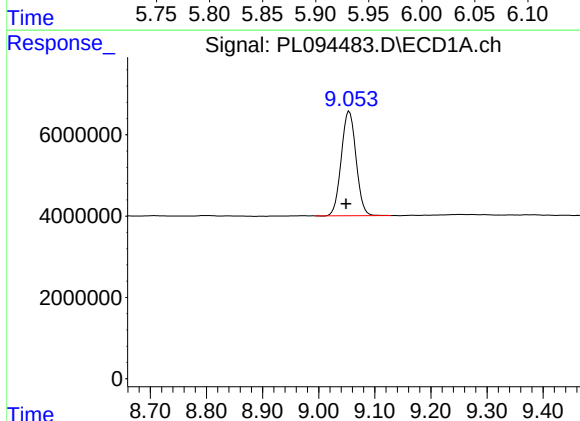
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166972BS



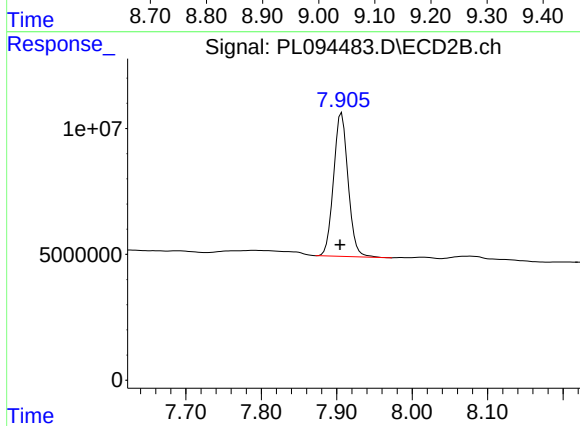
#27 Chlordane-5

R.T.: 5.928 min  
Delta R.T.: -0.002 min  
Response: 206614123  
Conc: 1261.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.006 min  
Response: 46890288  
Conc: 22.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: 0.002 min  
Response: 76148744  
Conc: 19.80 ng/ml