

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040725\  
 Data File : PL095062.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Apr 2025 16:27  
 Operator : AR\AJ  
 Sample : PB167473BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB167473BS

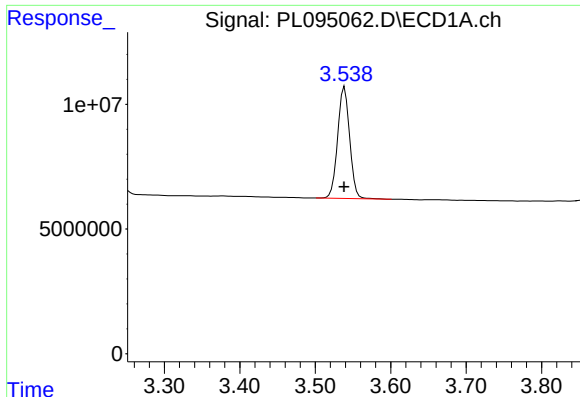
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 08 02:20:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 11 17:42:21 2025  
 Response via : Initial Calibration  
 Integrator: 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... | 3.539  | 2.769 | 49646714 | 64270563 | 17.539   | 18.007     |
| 28)                         | SA Decachlor... | 9.056  | 7.902 | 42685760 | 77718162 | 20.255   | 19.240     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.995  | 3.270 | 187.3E6  | 275.6E6  | 45.101   | 51.116     |
| 3)                          | MA gamma-BHC... | 4.328  | 3.600 | 179.0E6  | 253.9E6  | 44.847   | 49.397     |
| 4)                          | MA Heptachlor   | 4.915  | 3.938 | 171.8E6  | 246.2E6  | 44.249   | 46.731     |
| 5)                          | MB Aldrin       | 5.257  | 4.217 | 167.6E6  | 231.4E6  | 45.399   | 47.452     |
| 6)                          | B beta-BHC      | 4.527  | 3.901 | 82390217 | 111.1E6  | 44.651   | 50.022     |
| 7)                          | B delta-BHC     | 4.774  | 4.129 | 192.1E6  | 241.4E6  | 49.329   | 48.268     |
| 8)                          | B Heptachlo...  | 5.683  | 4.720 | 155.9E6  | 221.1E6  | 46.602   | 48.283     |
| 9)                          | A Endosulfan I  | 6.069  | 5.089 | 149.0E6  | 214.4E6  | 48.530   | 48.843     |
| 10)                         | B gamma-Chl...  | 5.940  | 4.969 | 161.1E6  | 233.2E6  | 47.812   | 48.304     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.033 | 159.2E6  | 229.9E6  | 48.279   | 48.159     |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.221 | 158.9E6  | 235.2E6  | 54.027   | 50.599     |
| 13)                         | MA Dieldrin     | 6.345  | 5.353 | 158.8E6  | 236.4E6  | 49.655   | 48.725     |
| 14)                         | MA Endrin       | 6.574  | 5.629 | 123.0E6  | 205.3E6  | 44.355   | 47.043     |
| 15)                         | B Endosulfa...  | 6.794  | 5.924 | 135.1E6  | 217.7E6  | 49.762   | 50.307     |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.777 | 124.3E6  | 199.9E6  | 57.370   | 55.587     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.026 | 120.7E6  | 202.9E6  | 50.751   | 50.309     |
| 18)                         | B Endrin al...  | 6.924  | 6.103 | 104.7E6  | 170.8E6  | 49.583   | 50.753     |
| 19)                         | B Endosulfa...  | 7.159  | 6.326 | 119.8E6  | 210.3E6  | 49.266   | 51.621     |
| 20)                         | A Methoxychlor  | 7.501  | 6.602 | 60154582 | 109.0E6  | 50.251   | 51.405     |
| 21)                         | B Endrin ke...  | 7.644  | 6.831 | 137.2E6  | 265.5E6  | 51.889   | 55.627     |
| 22)                         | Mirex           | 8.117  | 7.011 | 96605284 | 198.8E6  | 46.753   | 52.381     |
| 24)                         | Chlordane-2     | 5.257f | 0.000 | 167.6E6  | 0        | 1107.838 | N.D. #     |
| 25)                         | Chlordane-3     | 5.940  | 4.969 | 161.1E6  | 233.2E6  | 322.309  | 438.412 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.033 | 159.2E6  | 229.9E6  | 270.191  | 441.548 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.924 | 0        | 217.7E6  | N.D.     | 1135.045 # |
| -----                       |                 |        |       |          |          |          |            |

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

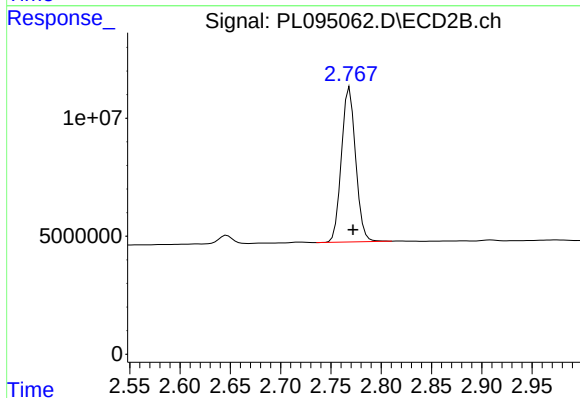




#1 Tetrachloro-m-xylene

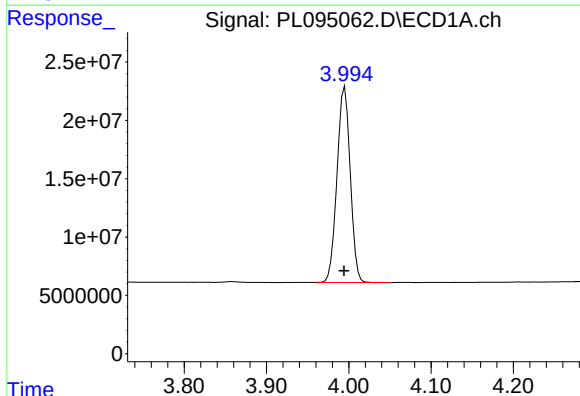
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 49646714  
Conc: 17.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



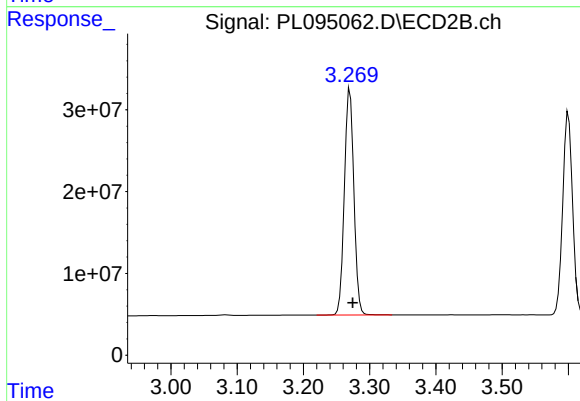
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.003 min  
Response: 64270563  
Conc: 18.01 ng/ml



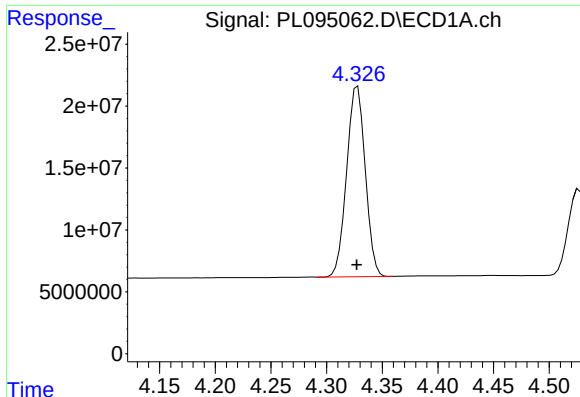
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 187275273  
Conc: 45.10 ng/ml



#2 alpha-BHC

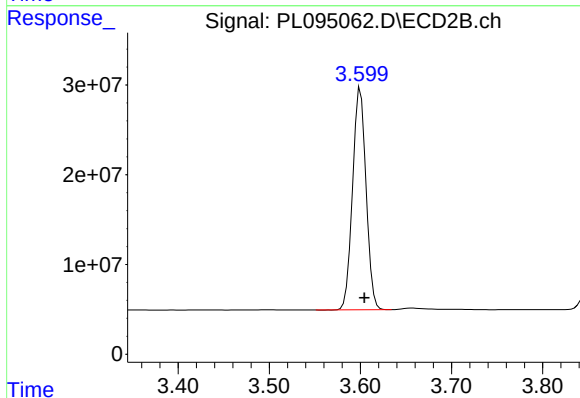
R.T.: 3.270 min  
Delta R.T.: -0.004 min  
Response: 275582825  
Conc: 51.12 ng/ml



#3 gamma-BHC (Lindane)

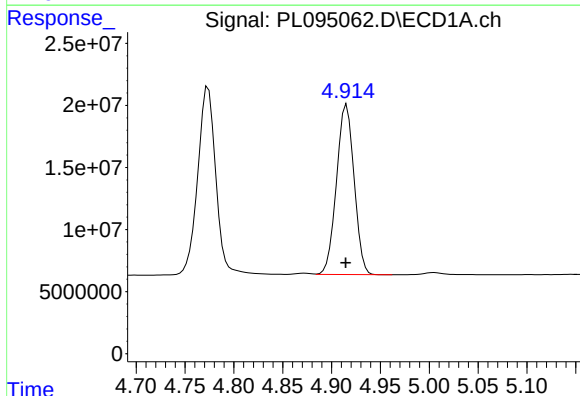
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 178953492  
Conc: 44.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



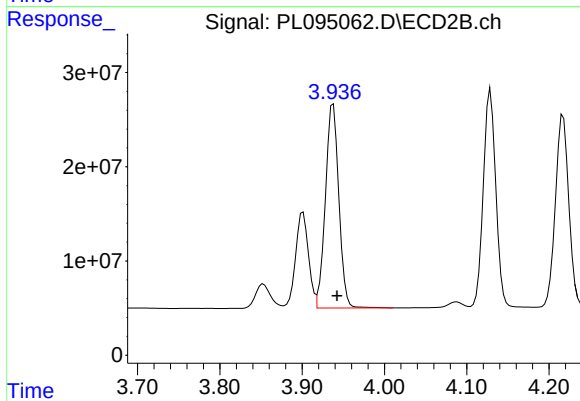
#3 gamma-BHC (Lindane)

R.T.: 3.600 min  
Delta R.T.: -0.004 min  
Response: 253871437  
Conc: 49.40 ng/ml



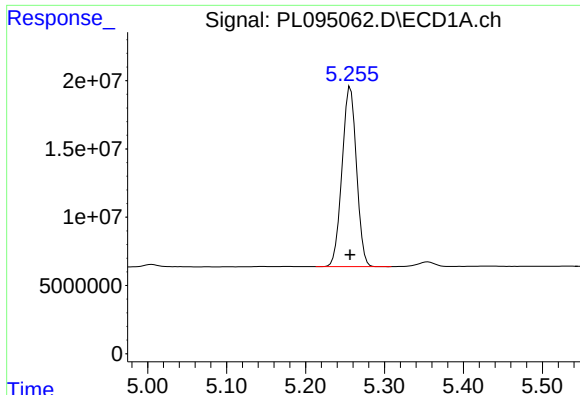
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 171758672  
Conc: 44.25 ng/ml



#4 Heptachlor

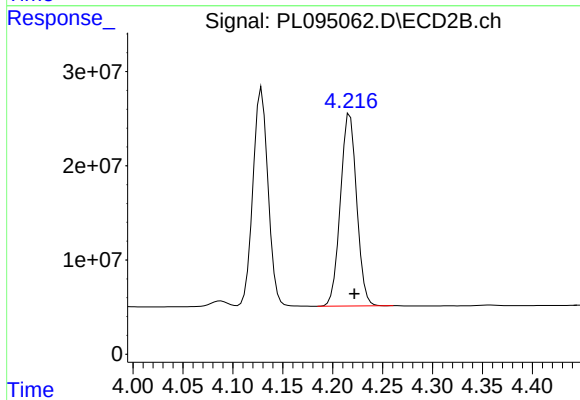
R.T.: 3.938 min  
Delta R.T.: -0.005 min  
Response: 246209749  
Conc: 46.73 ng/ml



#5 Aldrin

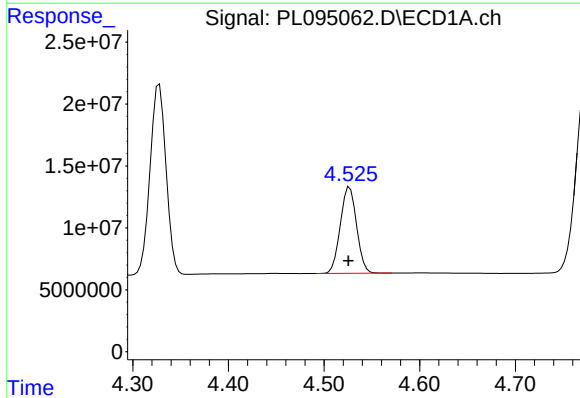
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 167621590  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



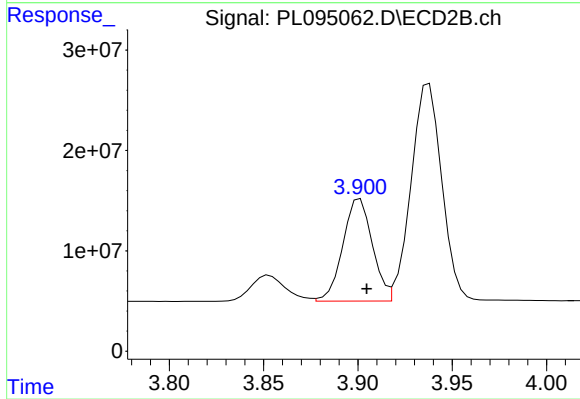
#5 Aldrin

R.T.: 4.217 min  
Delta R.T.: -0.005 min  
Response: 231394399  
Conc: 47.45 ng/ml



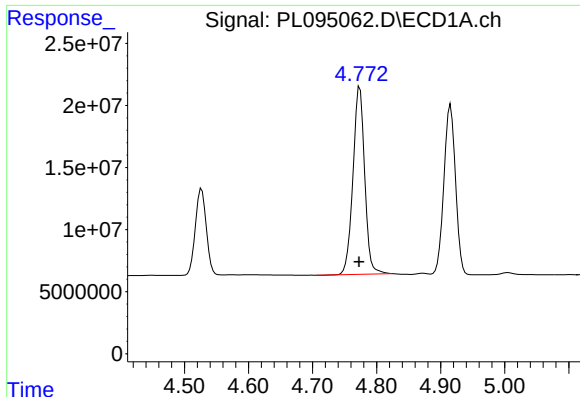
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.001 min  
Response: 82390217  
Conc: 44.65 ng/ml



#6 beta-BHC

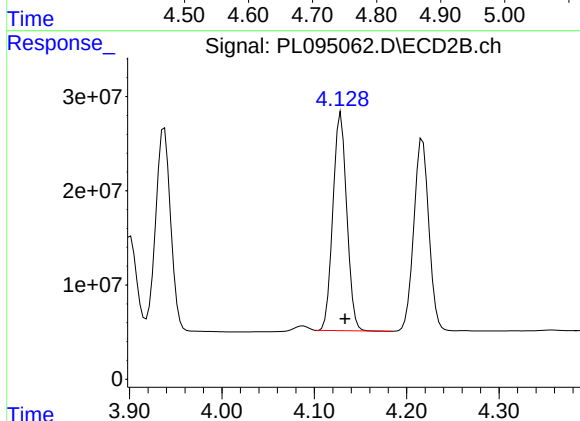
R.T.: 3.901 min  
Delta R.T.: -0.004 min  
Response: 111113006  
Conc: 50.02 ng/ml



#7 delta-BHC

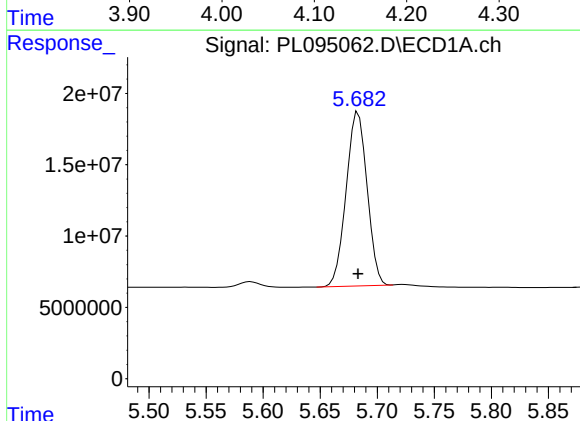
R.T.: 4.774 min  
Delta R.T.: 0.001 min  
Response: 192101128  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



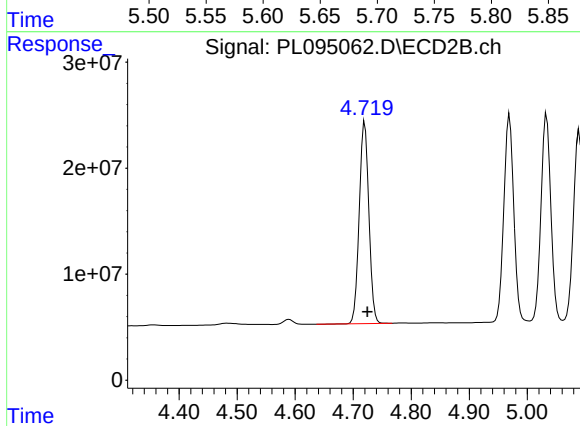
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: -0.004 min  
Response: 241436968  
Conc: 48.27 ng/ml



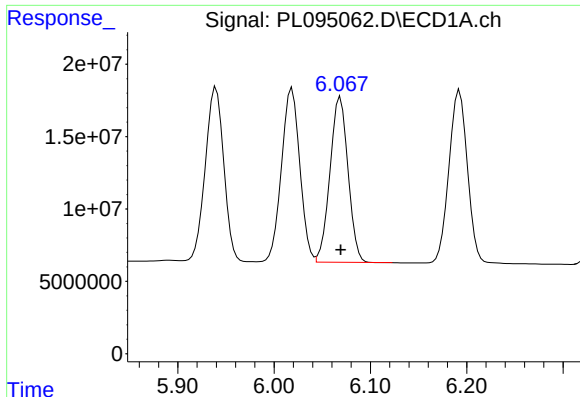
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.000 min  
Response: 155893629  
Conc: 46.60 ng/ml



#8 Heptachlor epoxide

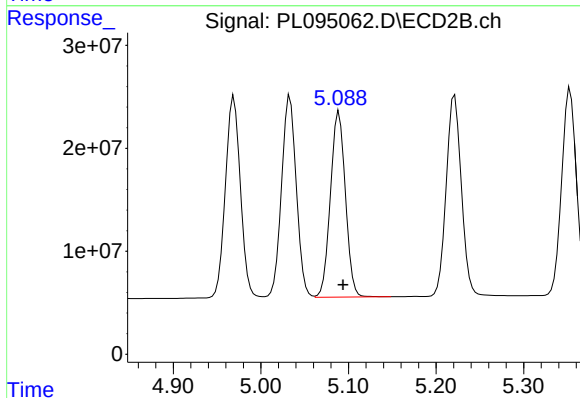
R.T.: 4.720 min  
Delta R.T.: -0.005 min  
Response: 221066901  
Conc: 48.28 ng/ml



#9 Endosulfan I

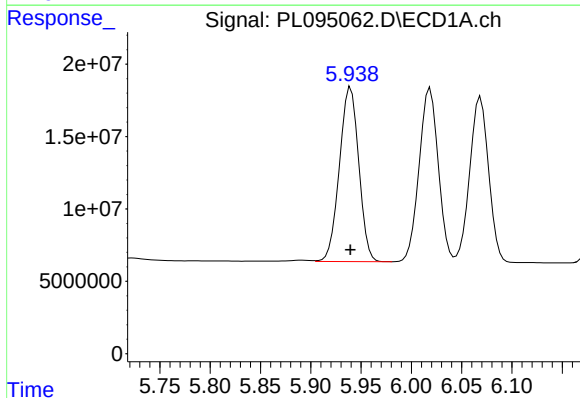
R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 148997093  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



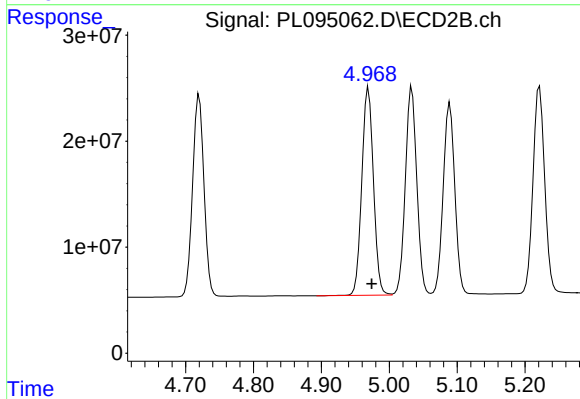
#9 Endosulfan I

R.T.: 5.089 min  
Delta R.T.: -0.005 min  
Response: 214360298  
Conc: 48.84 ng/ml



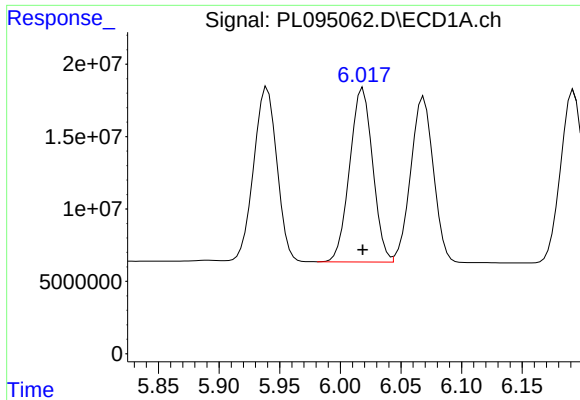
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 161096669  
Conc: 47.81 ng/ml



#10 gamma-Chlordane

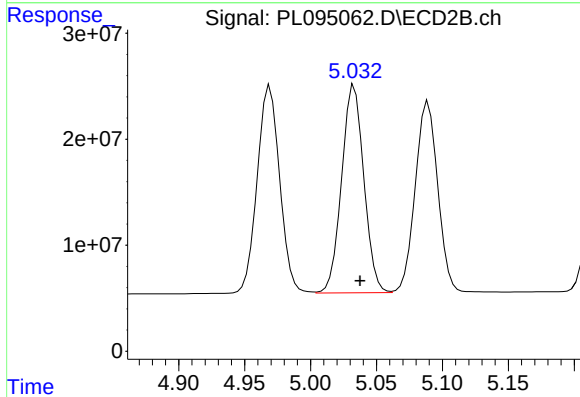
R.T.: 4.969 min  
Delta R.T.: -0.005 min  
Response: 233234230  
Conc: 48.30 ng/ml



#11 alpha-Chlordane

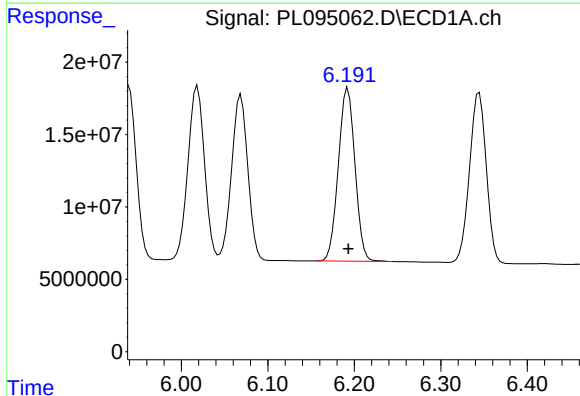
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 159167508  
Conc: 48.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



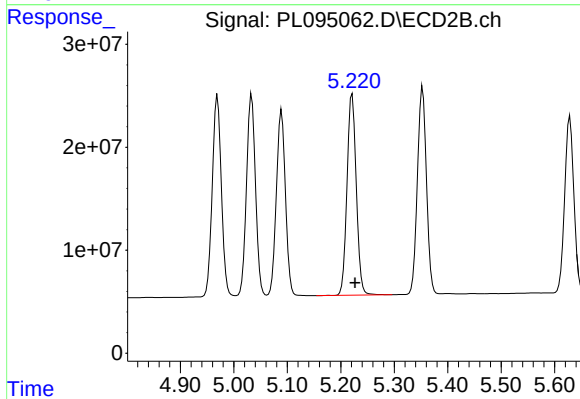
#11 alpha-Chlordane

R.T.: 5.033 min  
Delta R.T.: -0.004 min  
Response: 229852318  
Conc: 48.16 ng/ml



#12 4,4'-DDE

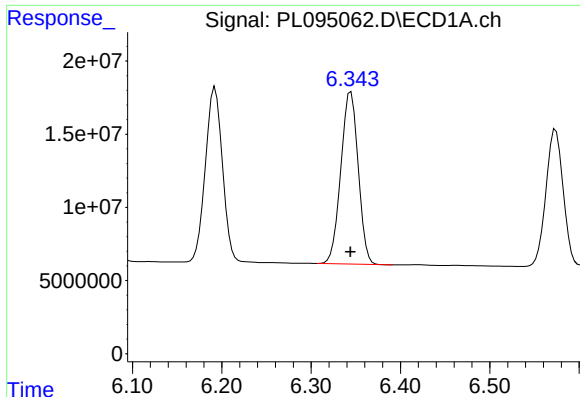
R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 158949608  
Conc: 54.03 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min  
Delta R.T.: -0.005 min  
Response: 235209727  
Conc: 50.60 ng/ml

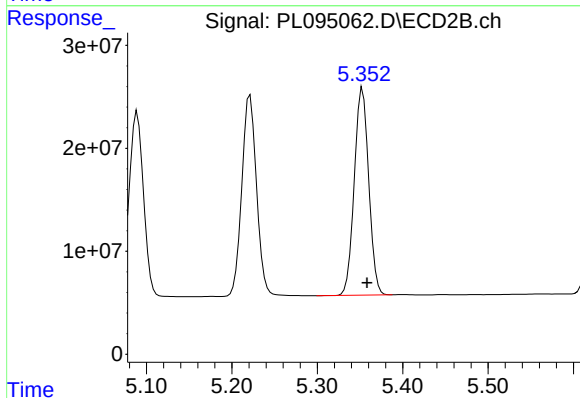




#13 Dieldrin

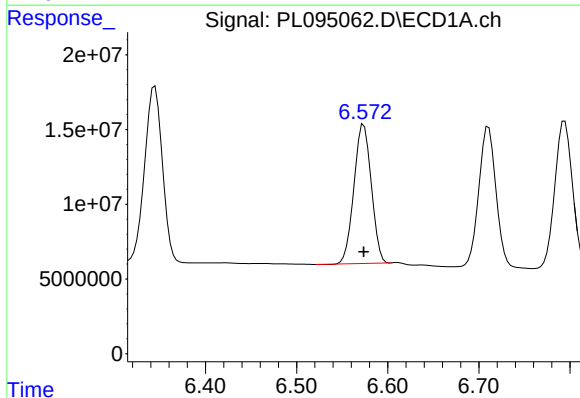
R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 158803143  
Conc: 49.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



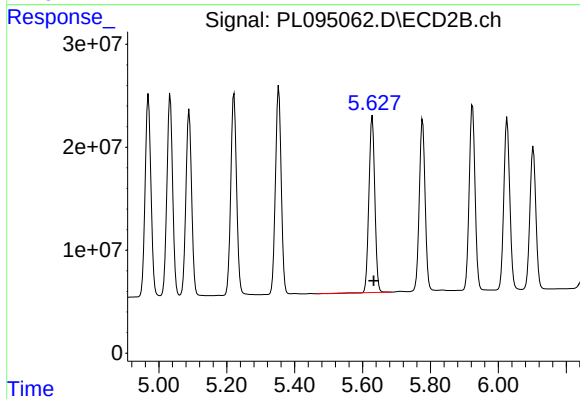
#13 Dieldrin

R.T.: 5.353 min  
Delta R.T.: -0.005 min  
Response: 236406492  
Conc: 48.73 ng/ml



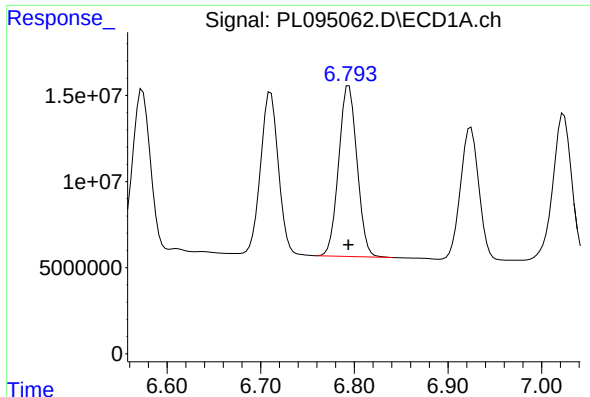
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.000 min  
Response: 122955595  
Conc: 44.36 ng/ml



#14 Endrin

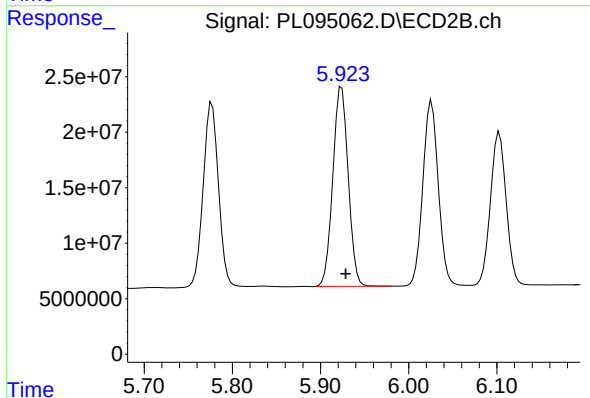
R.T.: 5.629 min  
Delta R.T.: -0.005 min  
Response: 205278204  
Conc: 47.04 ng/ml



#15 Endosulfan II

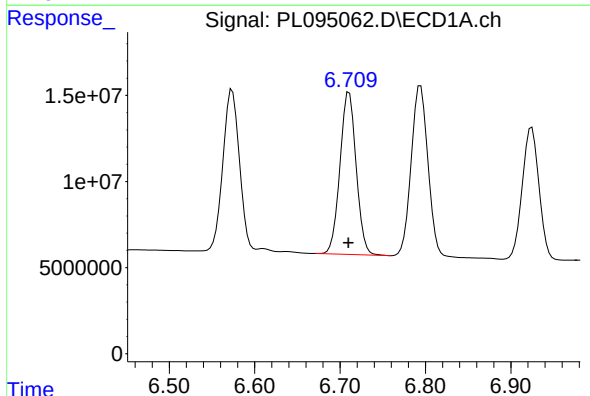
R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 135090527  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



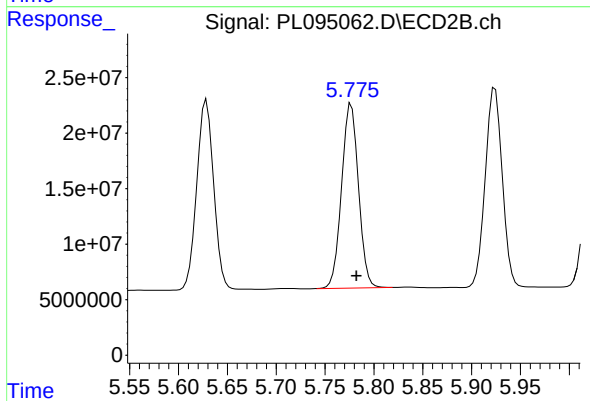
#15 Endosulfan II

R.T.: 5.924 min  
Delta R.T.: -0.005 min  
Response: 217742632  
Conc: 50.31 ng/ml



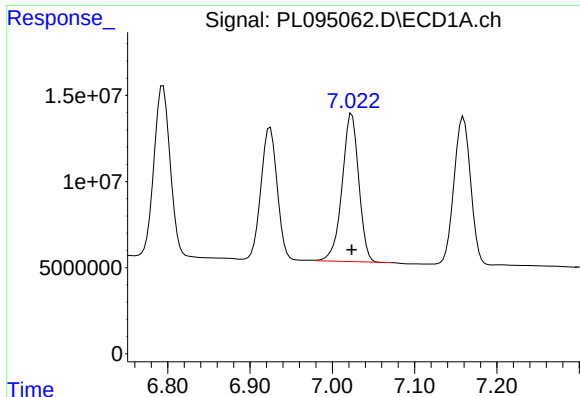
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 124266656  
Conc: 57.37 ng/ml



#16 4,4'-DDD

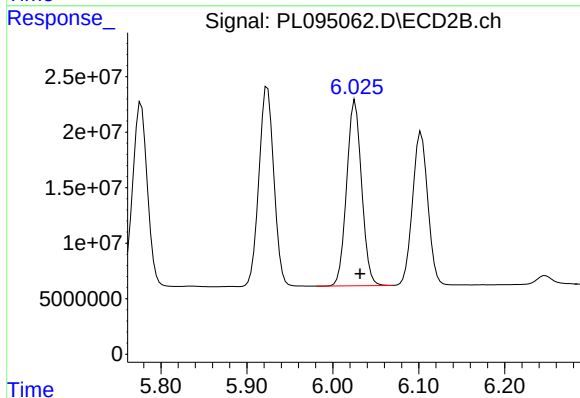
R.T.: 5.777 min  
Delta R.T.: -0.005 min  
Response: 199884474  
Conc: 55.59 ng/ml



#17 4,4'-DDT

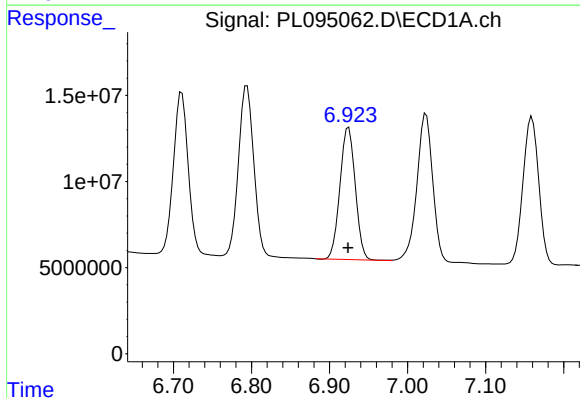
R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 120713673  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



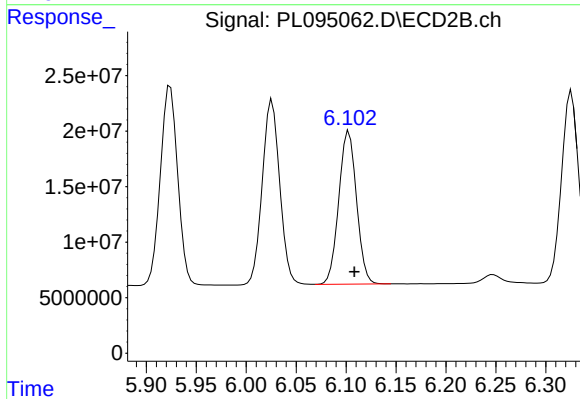
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: -0.006 min  
Response: 202853219  
Conc: 50.31 ng/ml



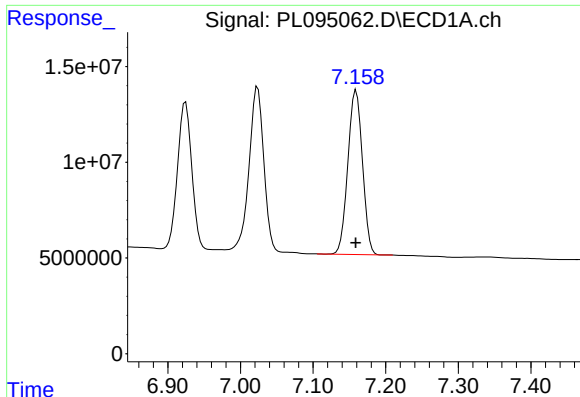
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 104669837  
Conc: 49.58 ng/ml



#18 Endrin aldehyde

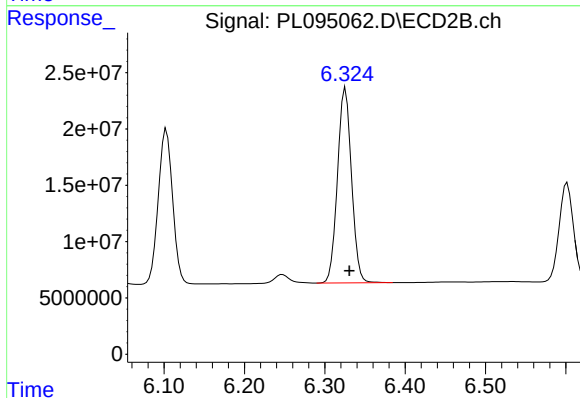
R.T.: 6.103 min  
Delta R.T.: -0.005 min  
Response: 170804155  
Conc: 50.75 ng/ml



#19 Endosulfan Sulfate

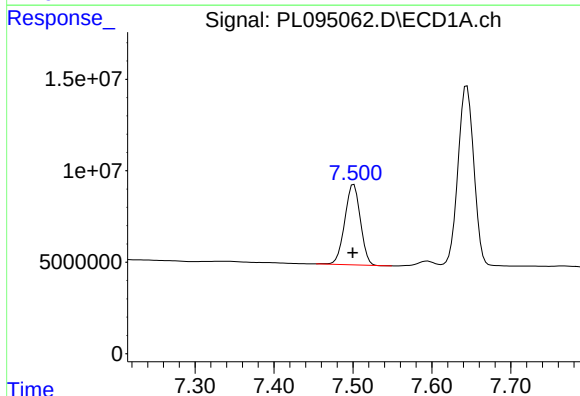
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 119816616  
Conc: 49.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



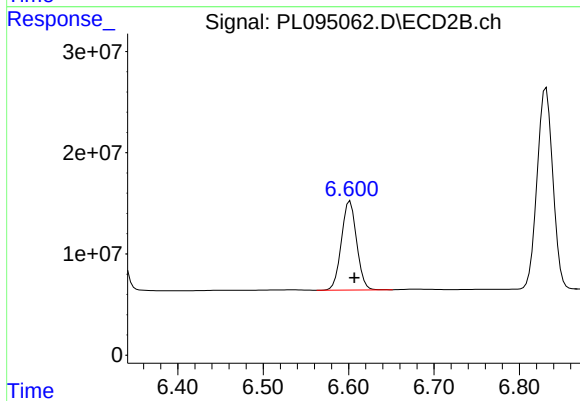
#19 Endosulfan Sulfate

R.T.: 6.326 min  
Delta R.T.: -0.005 min  
Response: 210273075  
Conc: 51.62 ng/ml



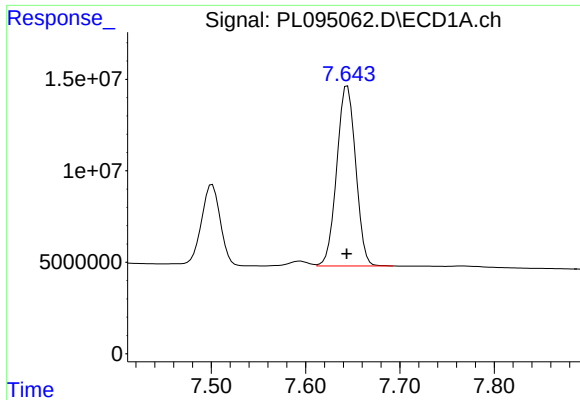
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.001 min  
Response: 60154582  
Conc: 50.25 ng/ml



#20 Methoxychlor

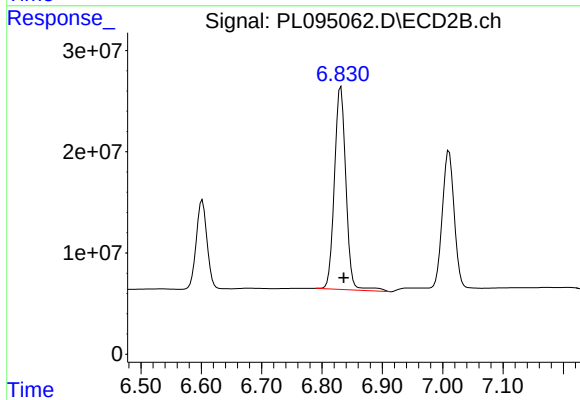
R.T.: 6.602 min  
Delta R.T.: -0.005 min  
Response: 109032799  
Conc: 51.40 ng/ml



#21 Endrin ketone

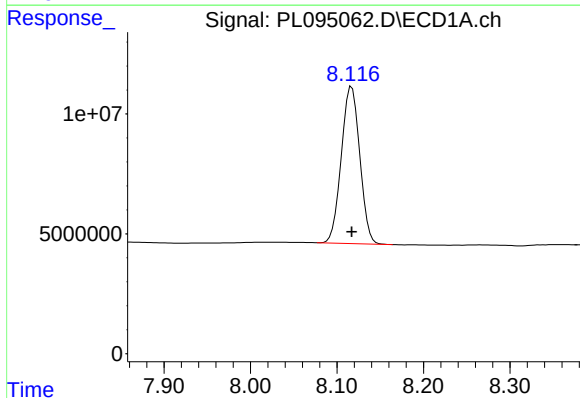
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 137157142  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



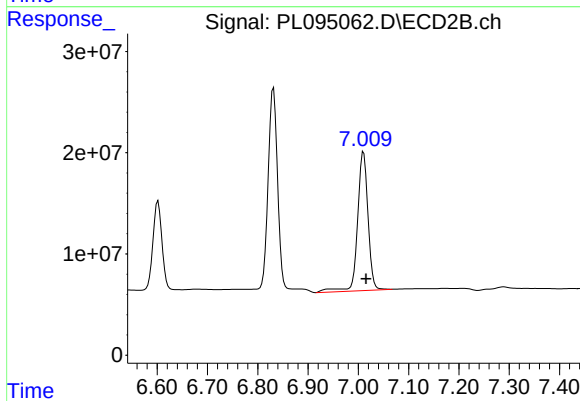
#21 Endrin ketone

R.T.: 6.831 min  
Delta R.T.: -0.005 min  
Response: 265484486  
Conc: 55.63 ng/ml



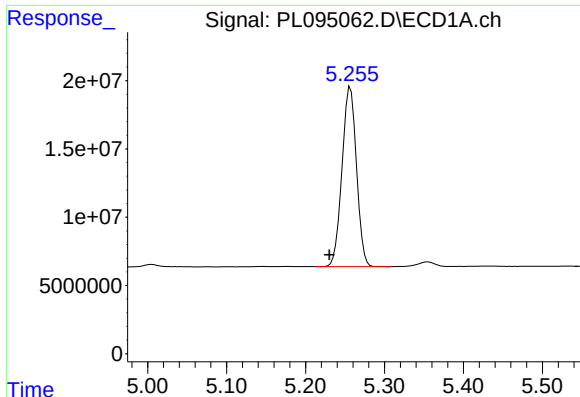
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 96605284  
Conc: 46.75 ng/ml



#22 Mirex

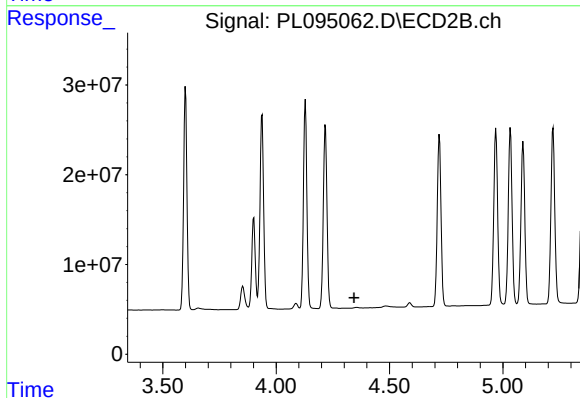
R.T.: 7.011 min  
Delta R.T.: -0.005 min  
Response: 198803917  
Conc: 52.38 ng/ml



#24 Chlordane-2

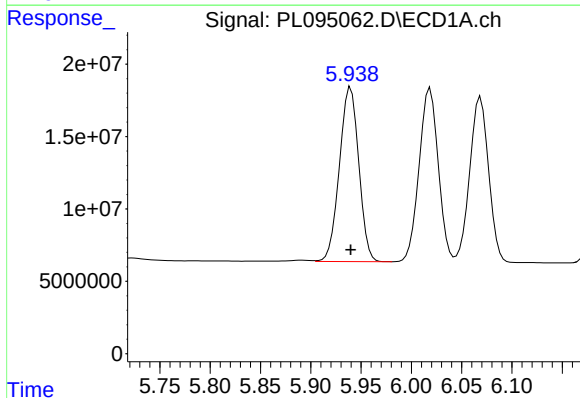
R.T.: 5.257 min  
Delta R.T.: 0.027 min  
Response: 167621590  
Conc: 1107.84 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



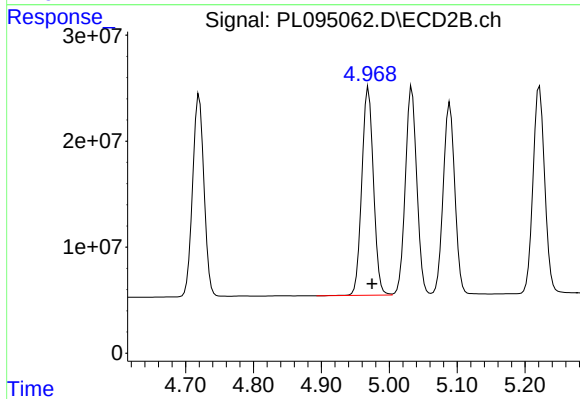
#24 Chlordane-2

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



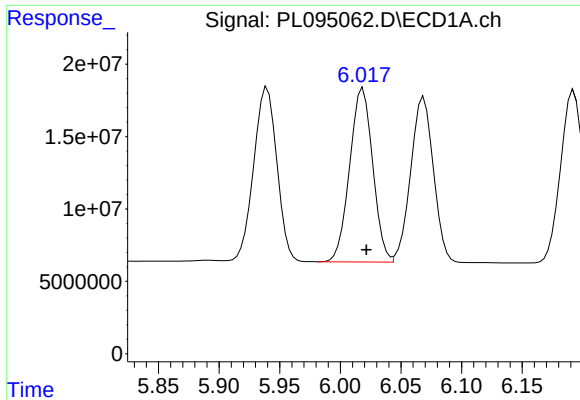
#25 Chlordane-3

R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 161096669  
Conc: 322.31 ng/ml



#25 Chlordane-3

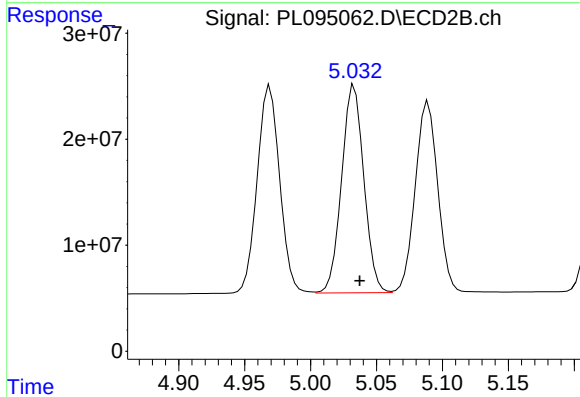
R.T.: 4.969 min  
Delta R.T.: -0.005 min  
Response: 233234230  
Conc: 438.41 ng/ml



#26 Chlordane-4

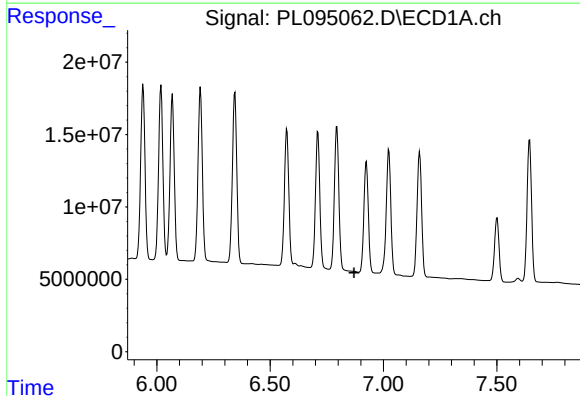
R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 159167508  
Conc: 270.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



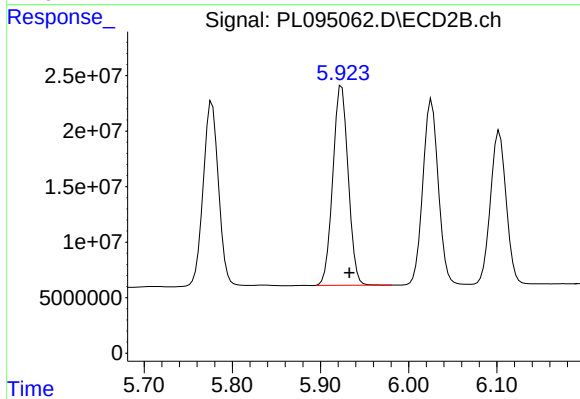
#26 Chlordane-4

R.T.: 5.033 min  
Delta R.T.: -0.004 min  
Response: 229852318  
Conc: 441.55 ng/ml



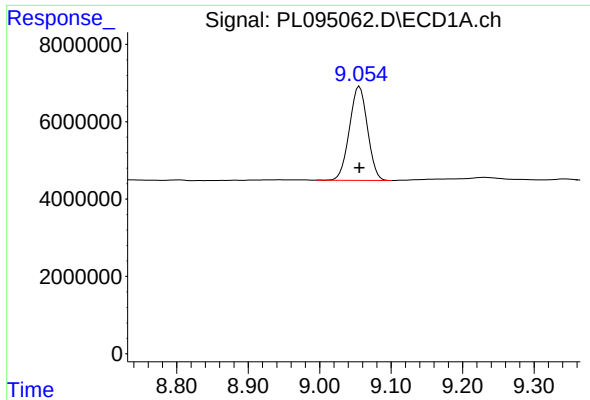
#27 Chlordane-5

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



#27 Chlordane-5

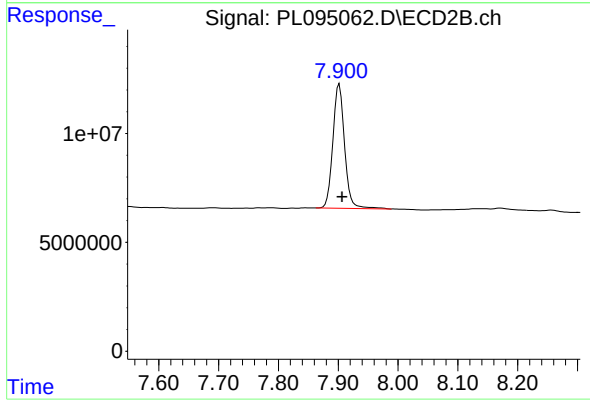
R.T.: 5.924 min  
Delta R.T.: -0.009 min  
Response: 217742632  
Conc: 1135.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.000 min  
Response: 42685760  
Conc: 20.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



#28 Decachlorobiphenyl

R.T.: 7.902 min  
Delta R.T.: -0.005 min  
Response: 77718162  
Conc: 19.24 ng/ml