

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041025\  
 Data File : PL095173.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 17:53  
 Operator : AR\AJ  
 Sample : Q1760-05MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 20:36:20 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... | 3.533  | 2.767 | 45580173 | 71861986 | 16.102  | 20.134 #  |
| 28)                         | SA Decachlor... | 9.047  | 7.897 | 36368808 | 61481306 | 17.257  | 15.221    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.990  | 3.269 | 166.3E6  | 278.0E6  | 40.052  | 51.559 #  |
| 3)                          | MA gamma-BHC... | 4.322  | 3.598 | 159.0E6  | 233.3E6  | 39.858  | 45.386    |
| 4)                          | MA Heptachlor   | 4.910  | 3.935 | 149.5E6  | 222.8E6  | 38.516  | 42.291    |
| 5)                          | MB Aldrin       | 5.251  | 4.214 | 139.7E6  | 204.2E6  | 37.846  | 41.884    |
| 6)                          | B beta-BHC      | 4.522  | 3.899 | 69647789 | 97858178 | 37.745  | 44.055    |
| 7)                          | B delta-BHC     | 4.768  | 4.127 | 145.5E6  | 200.0E6  | 37.365  | 39.975    |
| 8)                          | B Heptachlo...  | 5.677  | 4.717 | 131.9E6  | 188.3E6  | 39.443  | 41.126    |
| 9)                          | A Endosulfan I  | 6.064  | 5.086 | 122.1E6  | 170.6E6  | 39.753  | 38.868    |
| 10)                         | B gamma-Chl...  | 5.934  | 4.967 | 141.0E6  | 209.3E6  | 41.836  | 43.355    |
| 11)                         | B alpha-Chl...  | 6.012  | 5.030 | 128.3E6  | 187.5E6  | 38.920  | 39.288    |
| 12)                         | B 4,4'-DDE      | 6.187  | 5.218 | 132.8E6  | 181.7E6  | 45.155  | 39.082    |
| 13)                         | MA Dieldrin     | 6.338  | 5.350 | 151.9E6  | 241.0E6  | 47.486  | 49.674    |
| 14)                         | MA Endrin       | 6.568  | 5.626 | 114.5E6  | 190.9E6  | 41.303  | 43.742    |
| 15)                         | B Endosulfa...  | 6.788  | 5.920 | 119.4E6  | 170.9E6  | 43.967  | 39.491    |
| 16)                         | A 4,4'-DDD      | 6.708  | 5.773 | 172.4E6  | 150.8E6  | 79.573  | 41.937 #  |
| 17)                         | MA 4,4'-DDT     | 7.018  | 6.022 | 105.2E6  | 240.4E6  | 44.215  | 59.614 #  |
| 18)                         | B Endrin al...  | 6.919  | 6.101 | 84420421 | 180.1E6  | 39.991  | 53.514 #  |
| 19)                         | B Endosulfa...  | 7.153  | 6.321 | 129.7E6  | 245.5E6  | 53.319  | 60.261    |
| 20)                         | A Methoxychlor  | 7.495  | 0.000 | 54780232 | 0        | 45.762  | N.D. #    |
| 21)                         | B Endrin ke...  | 7.638  | 6.827 | 116.6E6  | 191.5E6  | 44.096  | 40.115    |
| 22)                         | Mirex           | 8.111  | 7.007 | 81850193 | 140.9E6  | 39.612  | 37.134    |
| 24)                         | Chlordane-2     | 5.251f | 0.000 | 139.7E6  | 0        | 923.532 | N.D. #    |
| 25)                         | Chlordane-3     | 5.934  | 4.967 | 141.0E6  | 209.3E6  | 282.022 | 393.491 # |
| 26)                         | Chlordane-4     | 6.012  | 5.030 | 128.3E6  | 187.5E6  | 217.815 | 360.212 # |
| 27)                         | Chlordane-5     | 0.000  | 5.920 | 0        | 170.9E6  | N.D.    | 891.004 # |
| -----                       |                 |        |       |          |          |         |           |

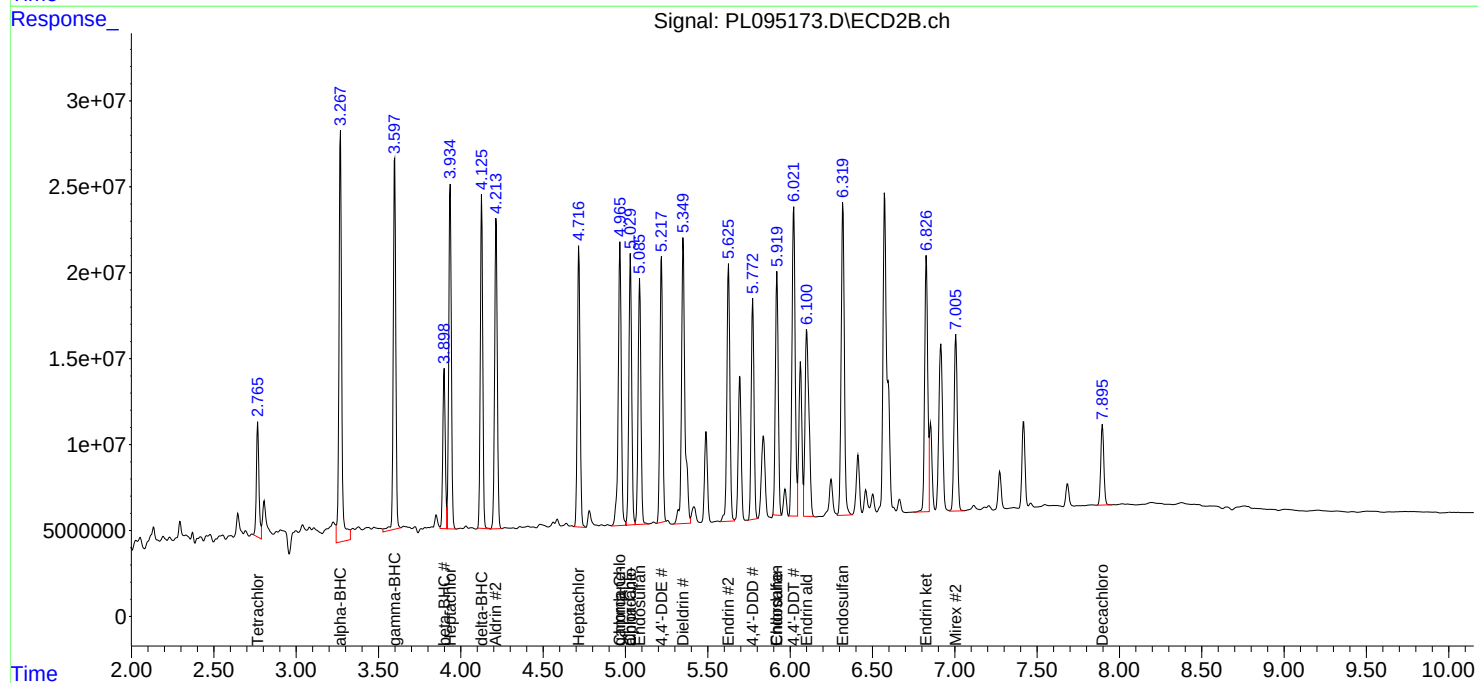
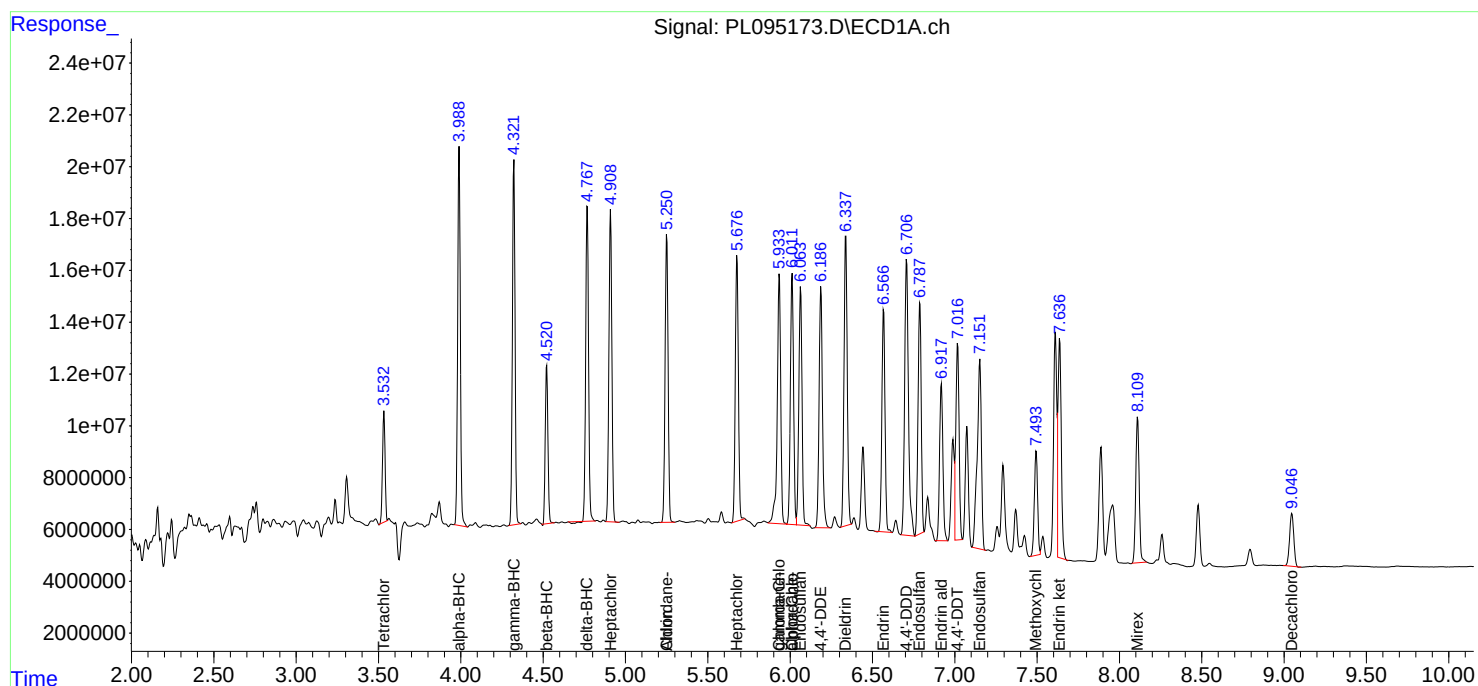
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

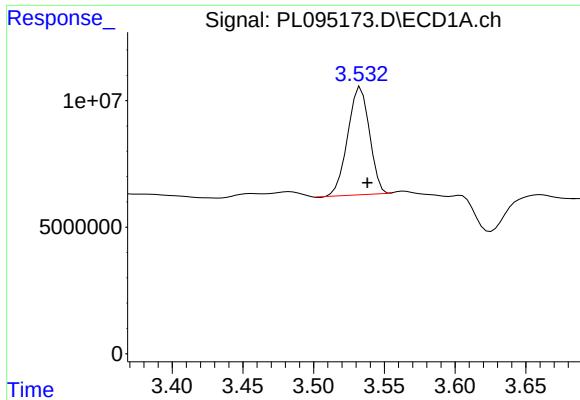
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041025\  
Data File : PL095173.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 17:53  
Operator : AR\AJ  
Sample : Q1760-05MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 20:36:20 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

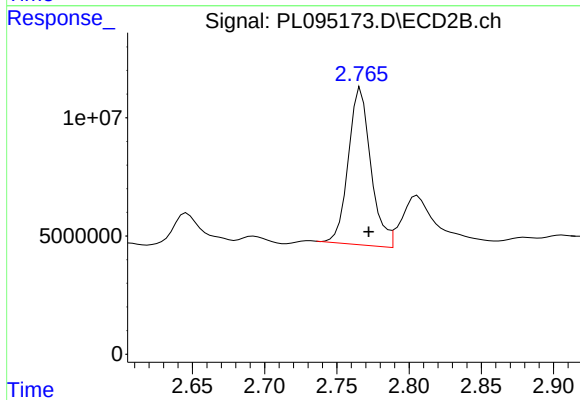




#1 Tetrachloro-m-xylene

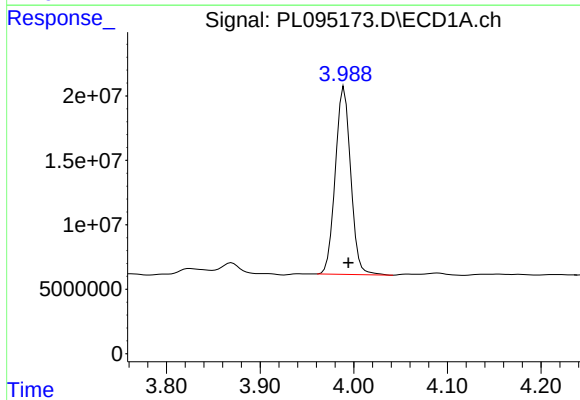
R.T.: 3.533 min  
Delta R.T.: -0.005 min  
Response: 45580173  
Conc: 16.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



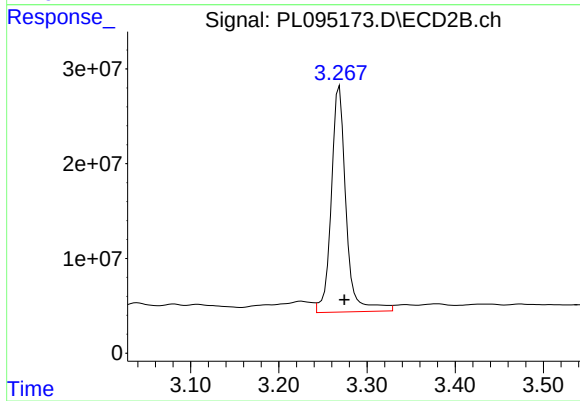
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: -0.005 min  
Response: 71861986  
Conc: 20.13 ng/ml



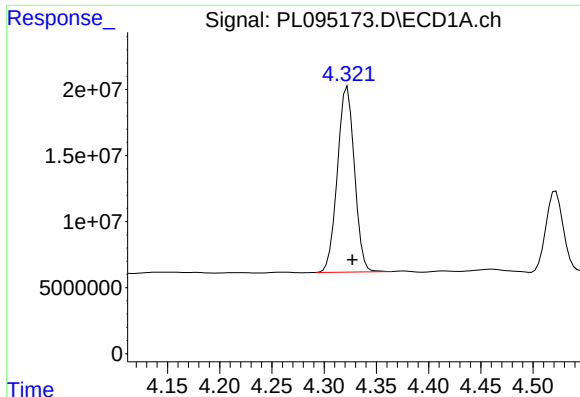
#2 alpha-BHC

R.T.: 3.990 min  
Delta R.T.: -0.005 min  
Response: 166308389  
Conc: 40.05 ng/ml



#2 alpha-BHC

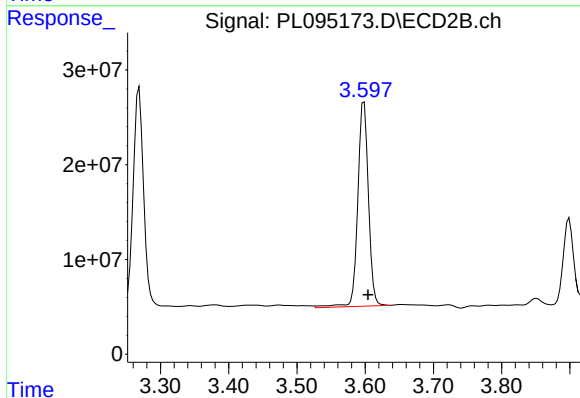
R.T.: 3.269 min  
Delta R.T.: -0.006 min  
Response: 277972251  
Conc: 51.56 ng/ml



#3 gamma-BHC (Lindane)

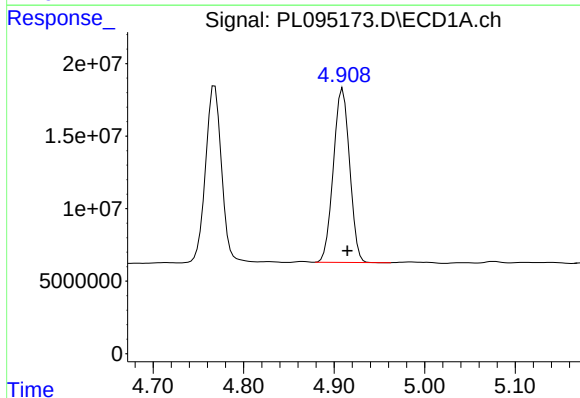
R.T.: 4.322 min  
Delta R.T.: -0.005 min  
Response: 159045025  
Conc: 39.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



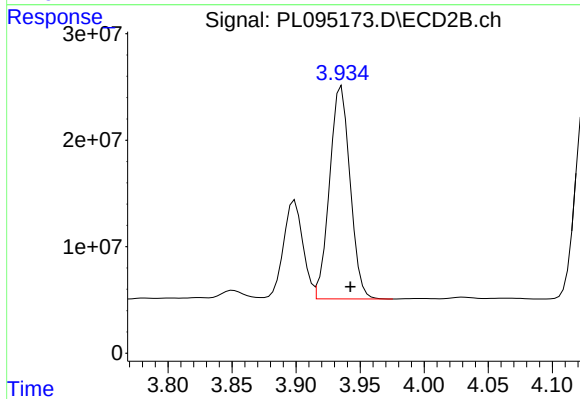
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: -0.006 min  
Response: 233260338  
Conc: 45.39 ng/ml



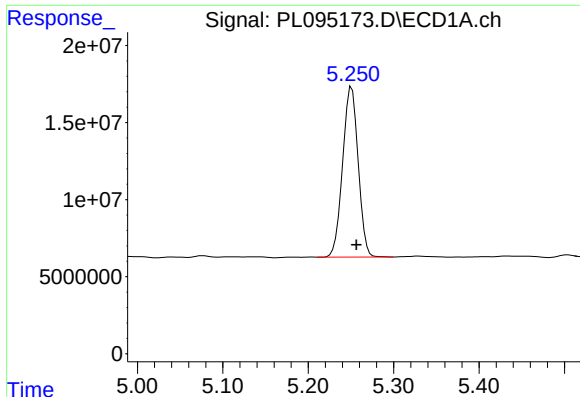
#4 Heptachlor

R.T.: 4.910 min  
Delta R.T.: -0.005 min  
Response: 149504231  
Conc: 38.52 ng/ml



#4 Heptachlor

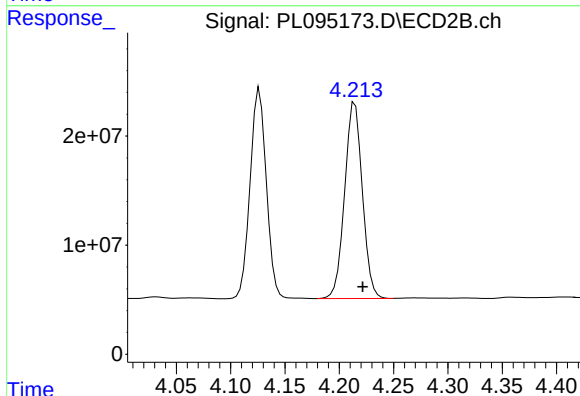
R.T.: 3.935 min  
Delta R.T.: -0.007 min  
Response: 222816278  
Conc: 42.29 ng/ml



#5 Aldrin

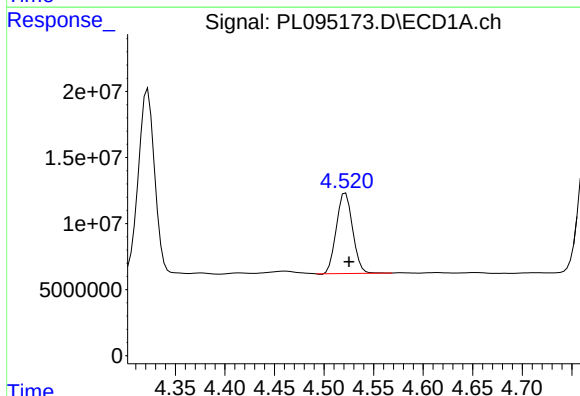
R.T.: 5.251 min  
Delta R.T.: -0.005 min  
Response: 139735179  
Conc: 37.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



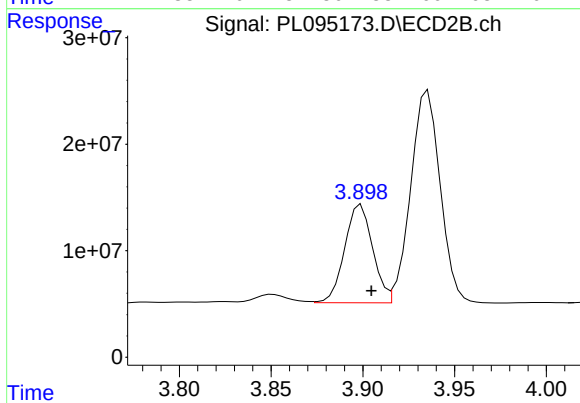
#5 Aldrin

R.T.: 4.214 min  
Delta R.T.: -0.007 min  
Response: 204241949  
Conc: 41.88 ng/ml



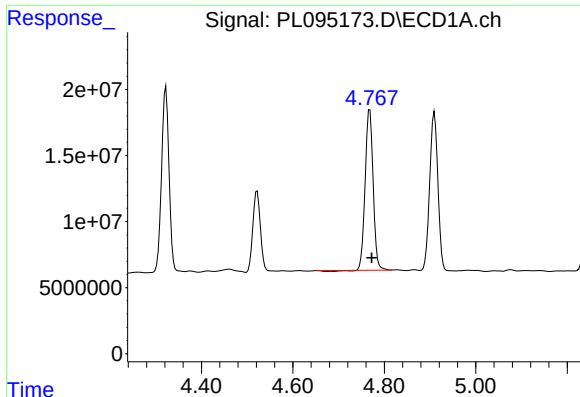
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: -0.004 min  
Response: 69647789  
Conc: 37.75 ng/ml



#6 beta-BHC

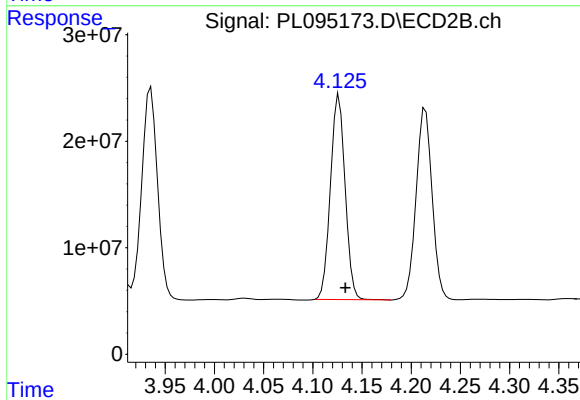
R.T.: 3.899 min  
Delta R.T.: -0.006 min  
Response: 97858178  
Conc: 44.05 ng/ml



#7 delta-BHC

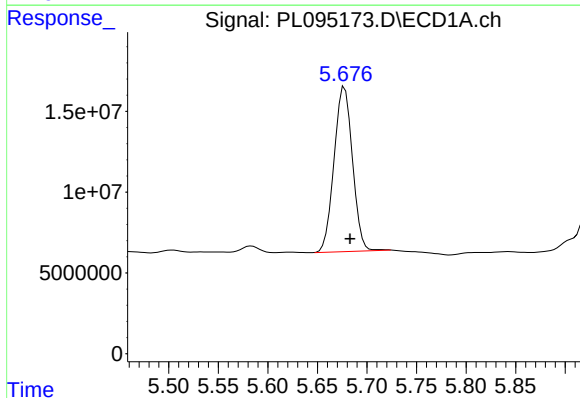
R.T.: 4.768 min  
Delta R.T.: -0.005 min  
Response: 145511636  
Conc: 37.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



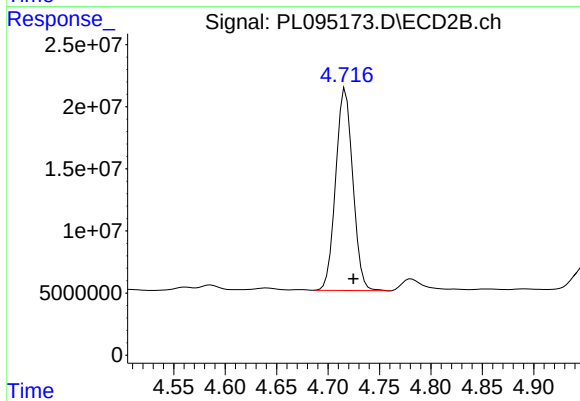
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: -0.007 min  
Response: 199956020  
Conc: 39.98 ng/ml



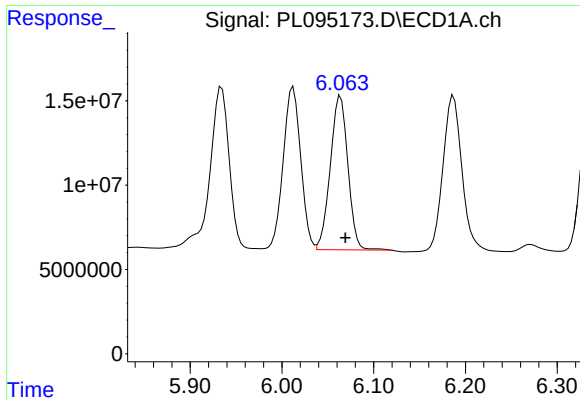
#8 Heptachlor epoxide

R.T.: 5.677 min  
Delta R.T.: -0.006 min  
Response: 131945754  
Conc: 39.44 ng/ml



#8 Heptachlor epoxide

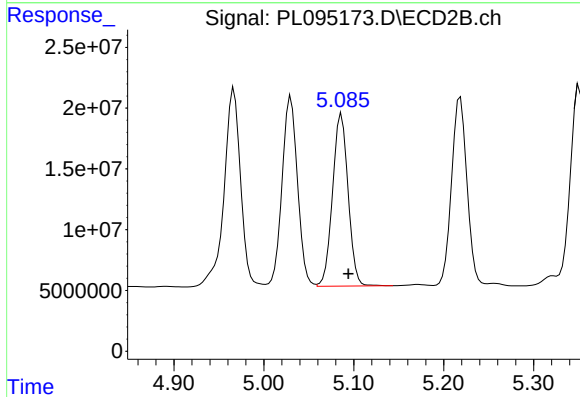
R.T.: 4.717 min  
Delta R.T.: -0.008 min  
Response: 188299697  
Conc: 41.13 ng/ml



#9 Endosulfan I

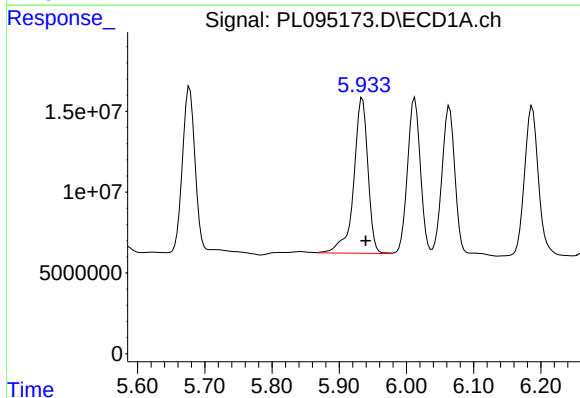
R.T.: 6.064 min  
Delta R.T.: -0.005 min  
Response: 122050410  
Conc: 39.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



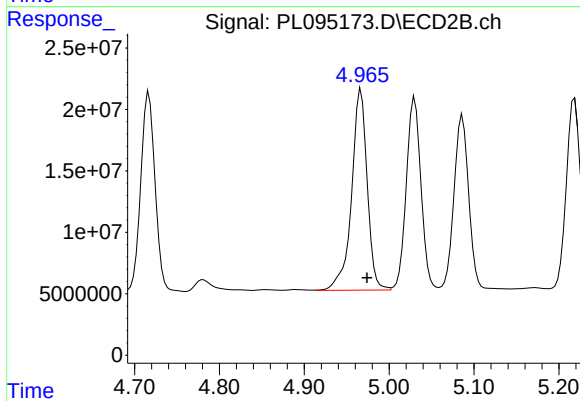
#9 Endosulfan I

R.T.: 5.086 min  
Delta R.T.: -0.008 min  
Response: 170581187  
Conc: 38.87 ng/ml



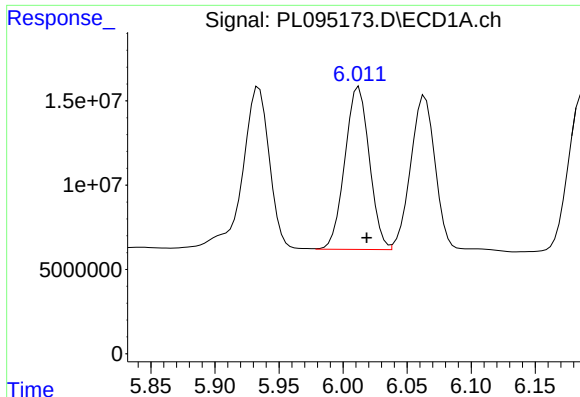
#10 gamma-Chlordane

R.T.: 5.934 min  
Delta R.T.: -0.005 min  
Response: 140960562  
Conc: 41.84 ng/ml



#10 gamma-Chlordane

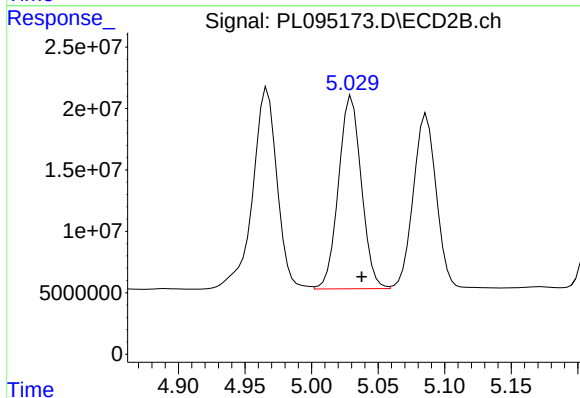
R.T.: 4.967 min  
Delta R.T.: -0.007 min  
Response: 209336494  
Conc: 43.36 ng/ml



#11 alpha-Chlordane

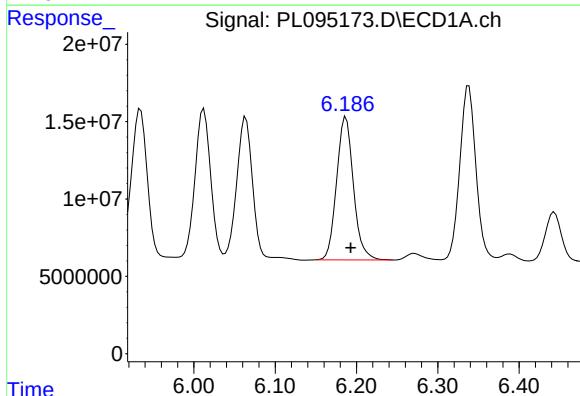
R.T.: 6.012 min  
Delta R.T.: -0.006 min  
Response: 128313007  
Conc: 38.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



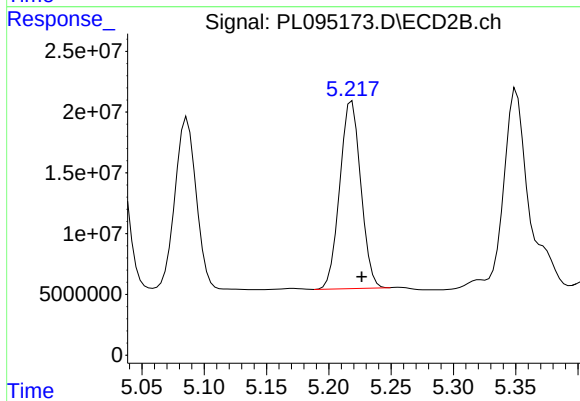
#11 alpha-Chlordane

R.T.: 5.030 min  
Delta R.T.: -0.008 min  
Response: 187512143  
Conc: 39.29 ng/ml



#12 4,4'-DDE

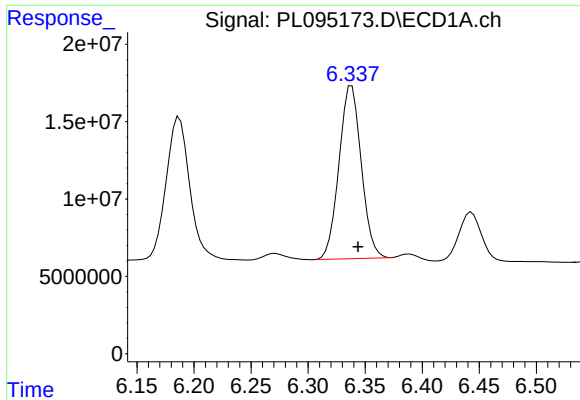
R.T.: 6.187 min  
Delta R.T.: -0.006 min  
Response: 132847775  
Conc: 45.15 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min  
Delta R.T.: -0.008 min  
Response: 181671439  
Conc: 39.08 ng/ml

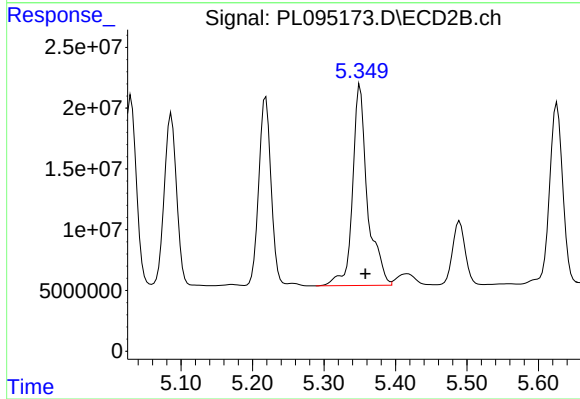




#13 Dieldrin

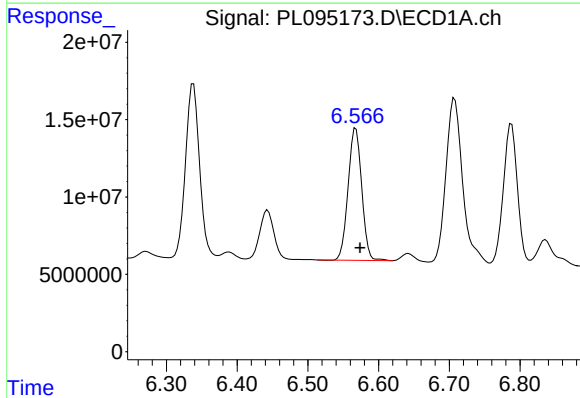
R.T.: 6.338 min  
Delta R.T.: -0.006 min  
Response: 151866248  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



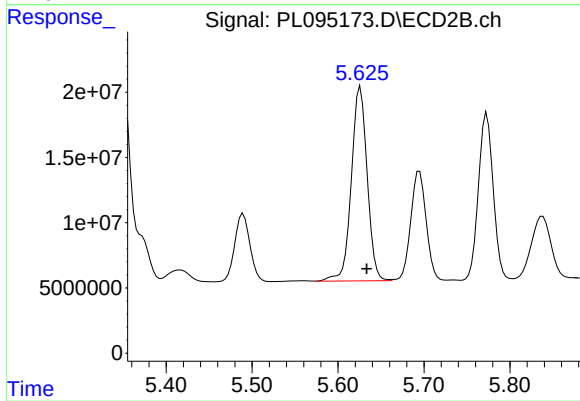
#13 Dieldrin

R.T.: 5.350 min  
Delta R.T.: -0.008 min  
Response: 241008299  
Conc: 49.67 ng/ml



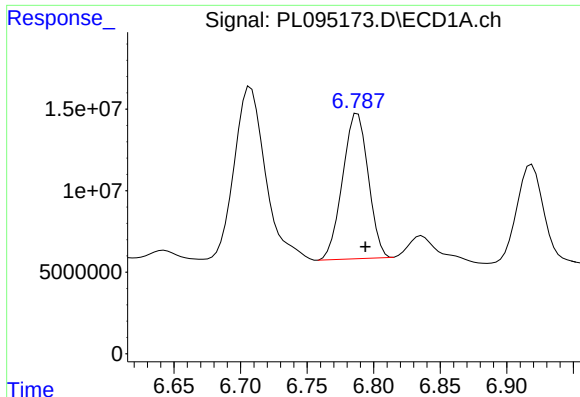
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: -0.006 min  
Response: 114493713  
Conc: 41.30 ng/ml



#14 Endrin

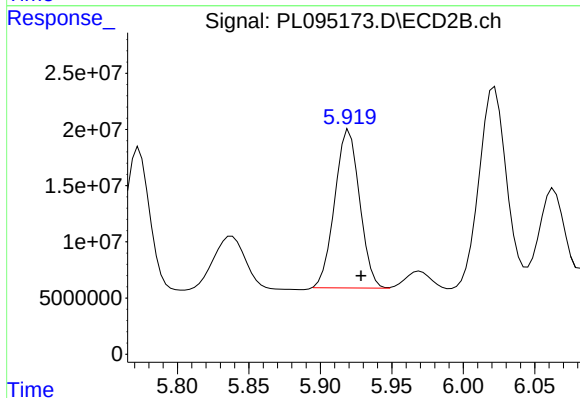
R.T.: 5.626 min  
Delta R.T.: -0.008 min  
Response: 190875230  
Conc: 43.74 ng/ml



#15 Endosulfan II

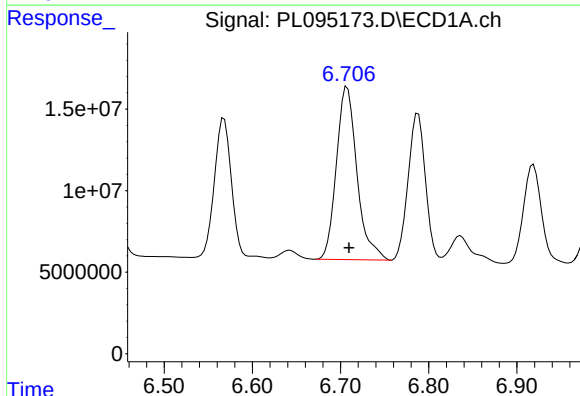
R.T.: 6.788 min  
Delta R.T.: -0.006 min  
Response: 119360278  
Conc: 43.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



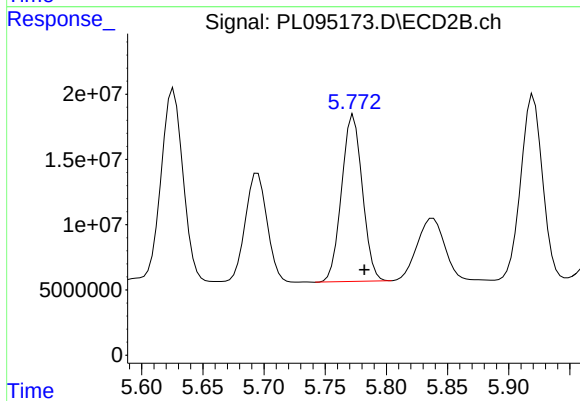
#15 Endosulfan II

R.T.: 5.920 min  
Delta R.T.: -0.008 min  
Response: 170926759  
Conc: 39.49 ng/ml



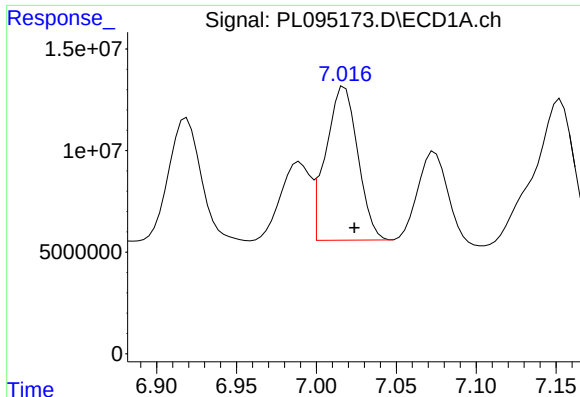
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: -0.002 min  
Response: 172359784  
Conc: 79.57 ng/ml



#16 4,4'-DDD

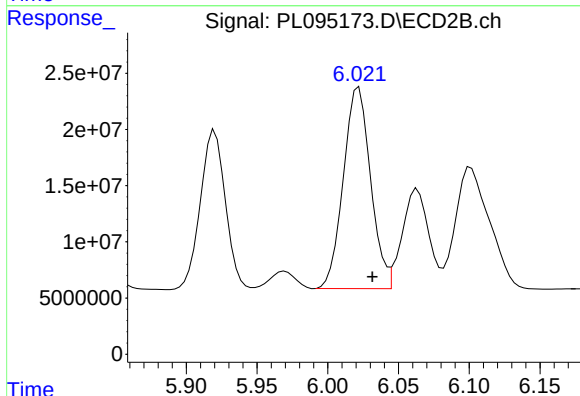
R.T.: 5.773 min  
Delta R.T.: -0.009 min  
Response: 150799713  
Conc: 41.94 ng/ml



#17 4,4'-DDT

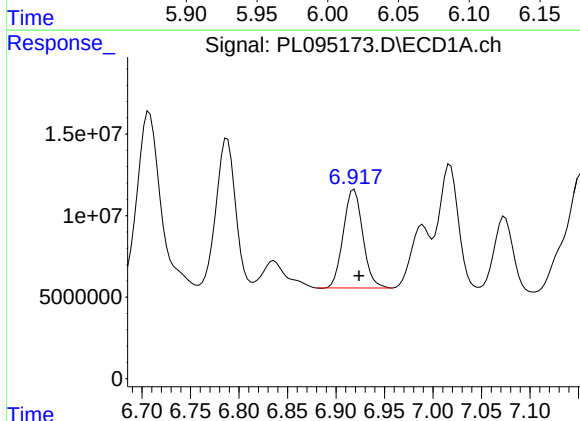
R.T.: 7.018 min  
Delta R.T.: -0.006 min  
Response: 105166284  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



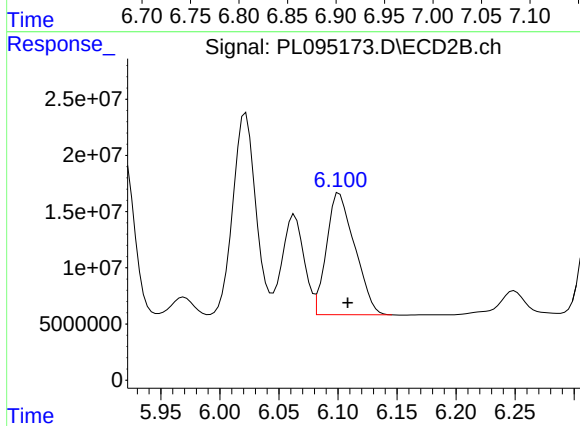
#17 4,4'-DDT

R.T.: 6.022 min  
Delta R.T.: -0.010 min  
Response: 240369624  
Conc: 59.61 ng/ml



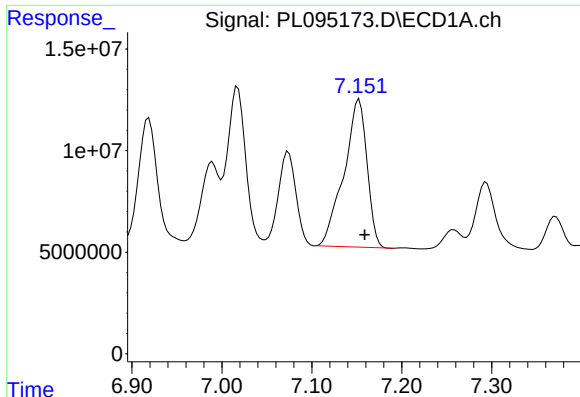
#18 Endrin aldehyde

R.T.: 6.919 min  
Delta R.T.: -0.005 min  
Response: 84420421  
Conc: 39.99 ng/ml



#18 Endrin aldehyde

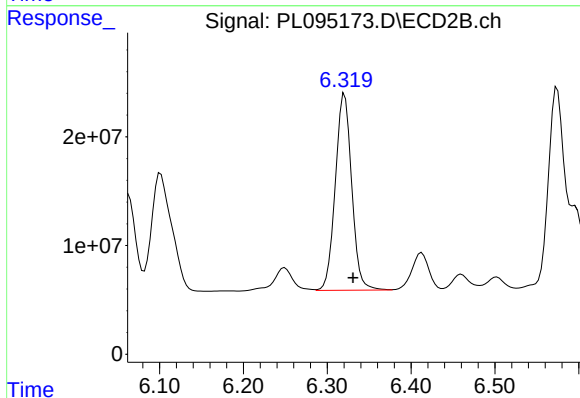
R.T.: 6.101 min  
Delta R.T.: -0.007 min  
Response: 180093475  
Conc: 53.51 ng/ml



#19 Endosulfan Sulfate

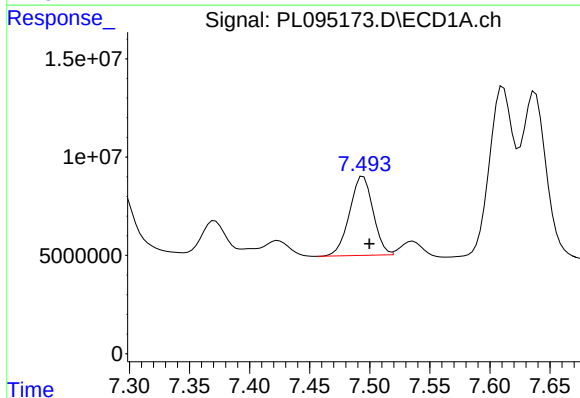
R.T.: 7.153 min  
Delta R.T.: -0.006 min  
Response: 129673756  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



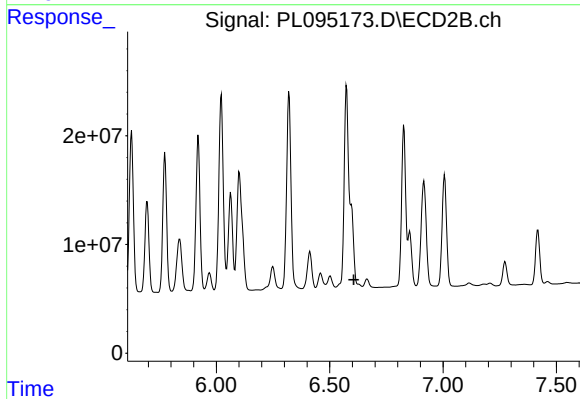
#19 Endosulfan Sulfate

R.T.: 6.321 min  
Delta R.T.: -0.010 min  
Response: 245467960  
Conc: 60.26 ng/ml



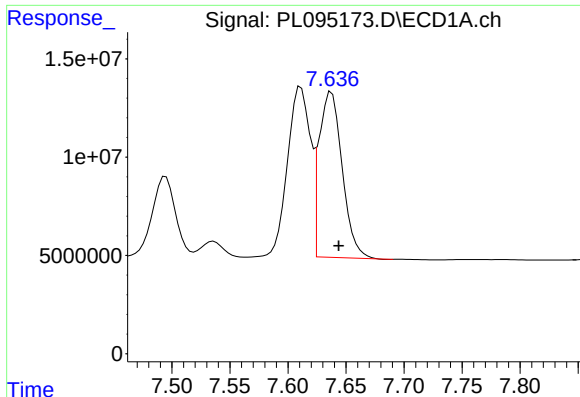
#20 Methoxychlor

R.T.: 7.495 min  
Delta R.T.: -0.005 min  
Response: 54780232  
Conc: 45.76 ng/ml



#20 Methoxychlor

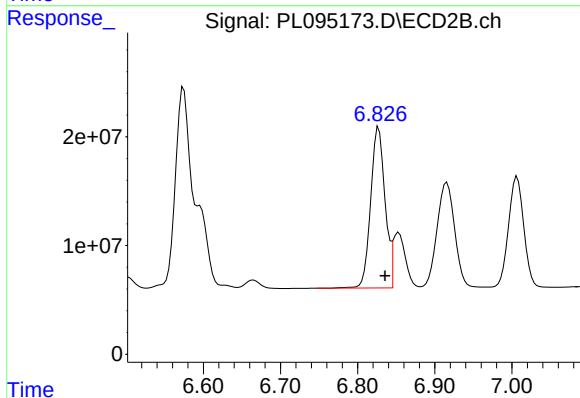
R.T.: 0.000 min  
Exp R.T. : 6.607 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

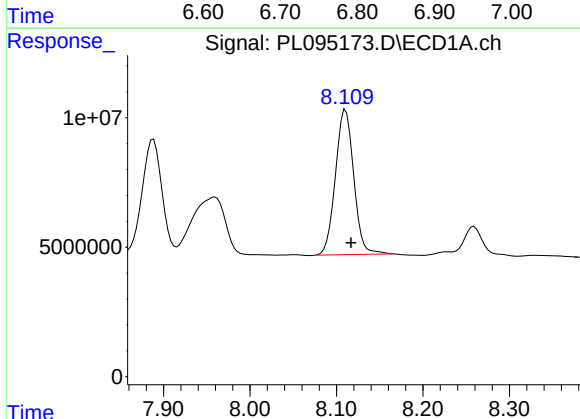
R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 116556439  
Conc: 44.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



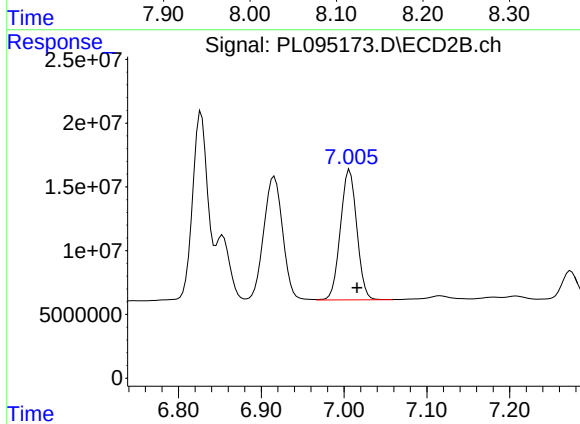
#21 Endrin ketone

R.T.: 6.827 min  
Delta R.T.: -0.008 min  
Response: 191451789  
Conc: 40.11 ng/ml



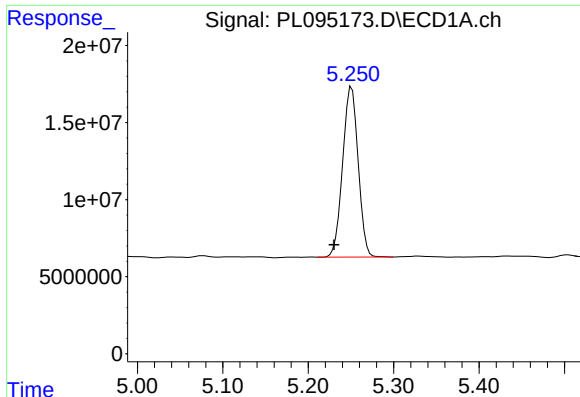
#22 Mirex

R.T.: 8.111 min  
Delta R.T.: -0.006 min  
Response: 81850193  
Conc: 39.61 ng/ml



#22 Mirex

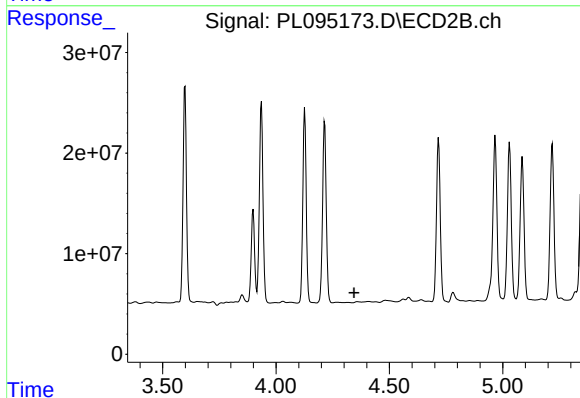
R.T.: 7.007 min  
Delta R.T.: -0.009 min  
Response: 140936887  
Conc: 37.13 ng/ml



#24 Chlordane-2

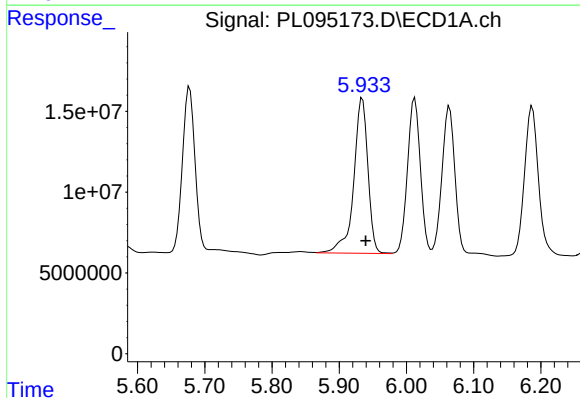
R.T.: 5.251 min  
Delta R.T.: 0.021 min  
Response: 139735179  
Conc: 923.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



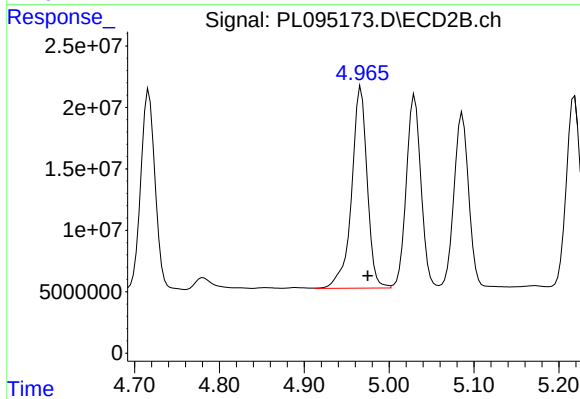
#24 Chlordane-2

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



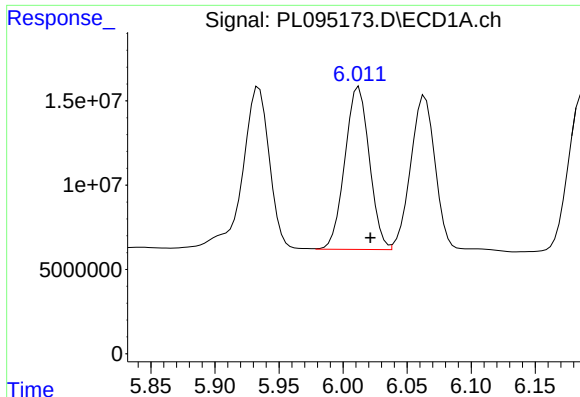
#25 Chlordane-3

R.T.: 5.934 min  
Delta R.T.: -0.005 min  
Response: 140960562  
Conc: 282.02 ng/ml



#25 Chlordane-3

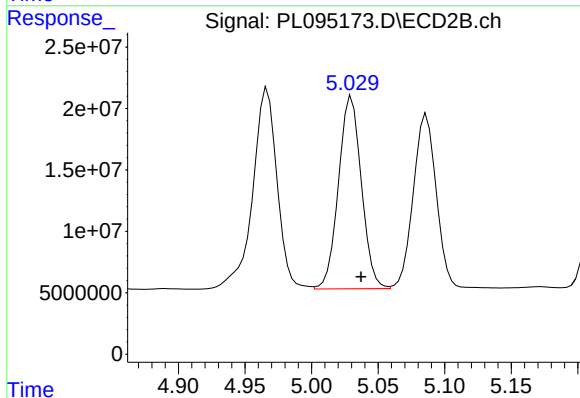
R.T.: 4.967 min  
Delta R.T.: -0.008 min  
Response: 209336494  
Conc: 393.49 ng/ml



#26 Chlordane-4

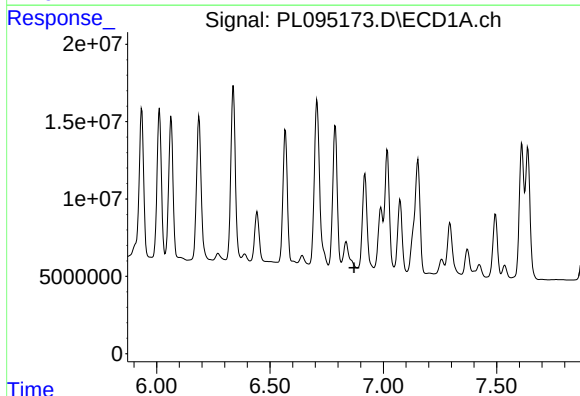
R.T.: 6.012 min  
Delta R.T.: -0.009 min  
Response: 128313007  
Conc: 217.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



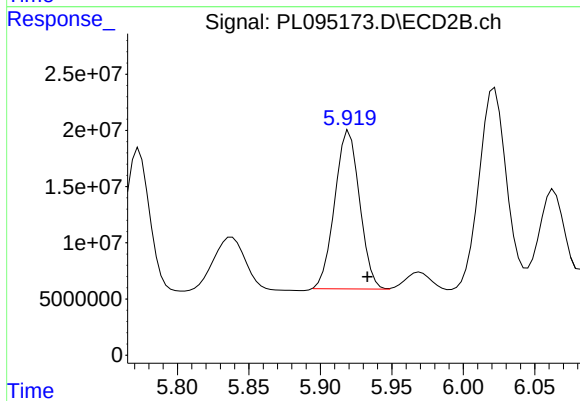
#26 Chlordane-4

R.T.: 5.030 min  
Delta R.T.: -0.007 min  
Response: 187512143  
Conc: 360.21 ng/ml



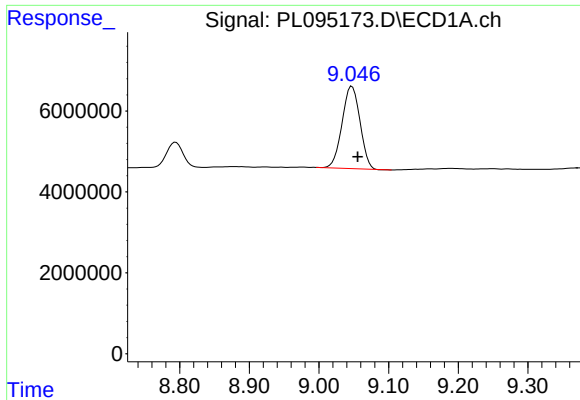
#27 Chlordane-5

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



#27 Chlordane-5

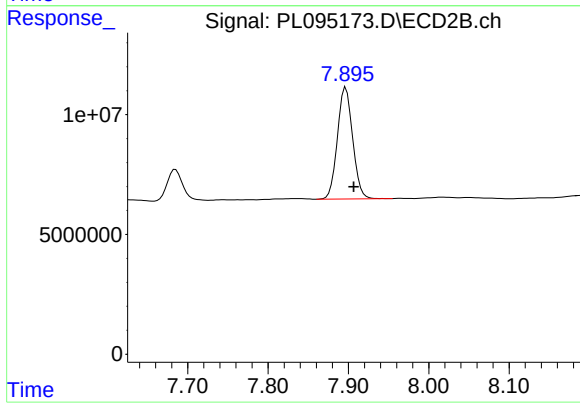
R.T.: 5.920 min  
Delta R.T.: -0.013 min  
Response: 170926759  
Conc: 891.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.047 min  
Delta R.T.: -0.008 min  
Response: 36368808  
Conc: 17.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.897 min  
Delta R.T.: -0.010 min  
Response: 61481306  
Conc: 15.22 ng/ml