

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061322\  
 Data File : PL075725.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2022 14:51  
 Operator : AR\AJ  
 Sample : N3140-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 23:19:21 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 5.642  | 4.638  | 14502905 | 33302025 | 21.489   | 19.844    |
| 28)                         | SA Decachlor... | 11.636 | 10.379 | 11596586 | 26009285 | 18.942   | 18.460    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.226  | 5.339  | 65850776 | 154.7E6  | 70.057   | 68.330    |
| 3)                          | MA gamma-BHC... | 6.625  | 5.760  | 61909807 | 143.1E6  | 70.533   | 65.992    |
| 4)                          | MA Heptachlor   | 7.279  | 6.168  | 59007269 | 133.3E6  | 64.170   | 62.508    |
| 5)                          | MB Aldrin       | 7.653  | 6.491  | 57214044 | 129.7E6  | 69.684   | 66.038    |
| 6)                          | B beta-BHC      | 6.876  | 6.138  | 26535933 | 59326735 | 64.656   | 60.442    |
| 7)                          | B delta-BHC     | 7.146  | 6.399  | 49293219 | 125.3E6  | 64.060   | 58.539    |
| 8)                          | B Heptachlo...  | 8.120  | 7.065  | 53151896 | 113.2E6  | 68.761   | 61.851    |
| 9)                          | A Endosulfan I  | 8.529  | 7.467  | 42457731 | 95139580 | 60.681   | 56.882    |
| 10)                         | B gamma-Chl...  | 8.391  | 7.341  | 54532671 | 115.7E6  | 70.224   | 63.080    |
| 11)                         | B alpha-Chl...  | 8.473  | 7.410  | 47244179 | 110.4E6  | 61.951   | 60.482    |
| 12)                         | B 4,4'-DDE      | 8.658  | 7.622  | 44944934 | 100.5E6  | 67.910   | 62.885    |
| 13)                         | MA Dieldrin     | 8.819  | 7.752  | 47567043 | 115.3E6  | 65.843   | 68.148    |
| 14)                         | MA Endrin       | 9.060  | 8.043  | 44471972 | 115.7E6  | 75.006   | 84.637    |
| 15)                         | B Endosulfa...  | 9.310f | 0.000  | 3810.3E6 | 0        | 6123.124 | N.D. #    |
| 16)                         | A 4,4'-DDD      | 9.201  | 8.206  | 56536504 | 83717075 | 103.328  | 63.665 #  |
| 17)                         | MA 4,4'-DDT     | 9.518  | 8.462  | 84049279 | 136.8E6  | 131.208  | 97.307 #  |
| 18)                         | B Endrin al...  | 9.423  | 8.545  | 37761348 | 101.3E6  | 73.728   | 89.961    |
| 19)                         | B Endosulfa...  | 9.664  | 8.771  | 89486024 | 101.5E6  | 142.858  | 69.095 #  |
| 20)                         | A Methoxychlor  | 10.005 | 9.059  | 19488430 | 42059513 | 54.441   | 51.629    |
| 21)                         | B Endrin ke...  | 10.169 | 9.288  | 40259313 | 98613080 | 57.248   | 61.089    |
| 22)                         | Mirex           | 10.643 | 9.474  | 18524462 | 52397986 | 32.915   | 40.804    |
| 23)                         | Chlordane-1     | 7.036  | 5.942f | 119473   | 455149   | 4.759    | 8.280 #   |
| 24)                         | Chlordane-2     | 7.653f | 6.630  | 57214044 | -28021   | 1860.246 | N.D. #    |
| 25)                         | Chlordane-3     | 8.391  | 7.341  | 54532671 | 115.7E6  | 528.148  | 672.497 # |
| 26)                         | Chlordane-4     | 8.473  | 7.410  | 47244179 | 110.4E6  | 373.009  | 599.957 # |
| 27)                         | Chlordane-5     | 9.369  | 8.096f | -3645101 | 44583722 | N.D.     | 939.060   |
| -----                       |                 |        |        |          |          |          |           |

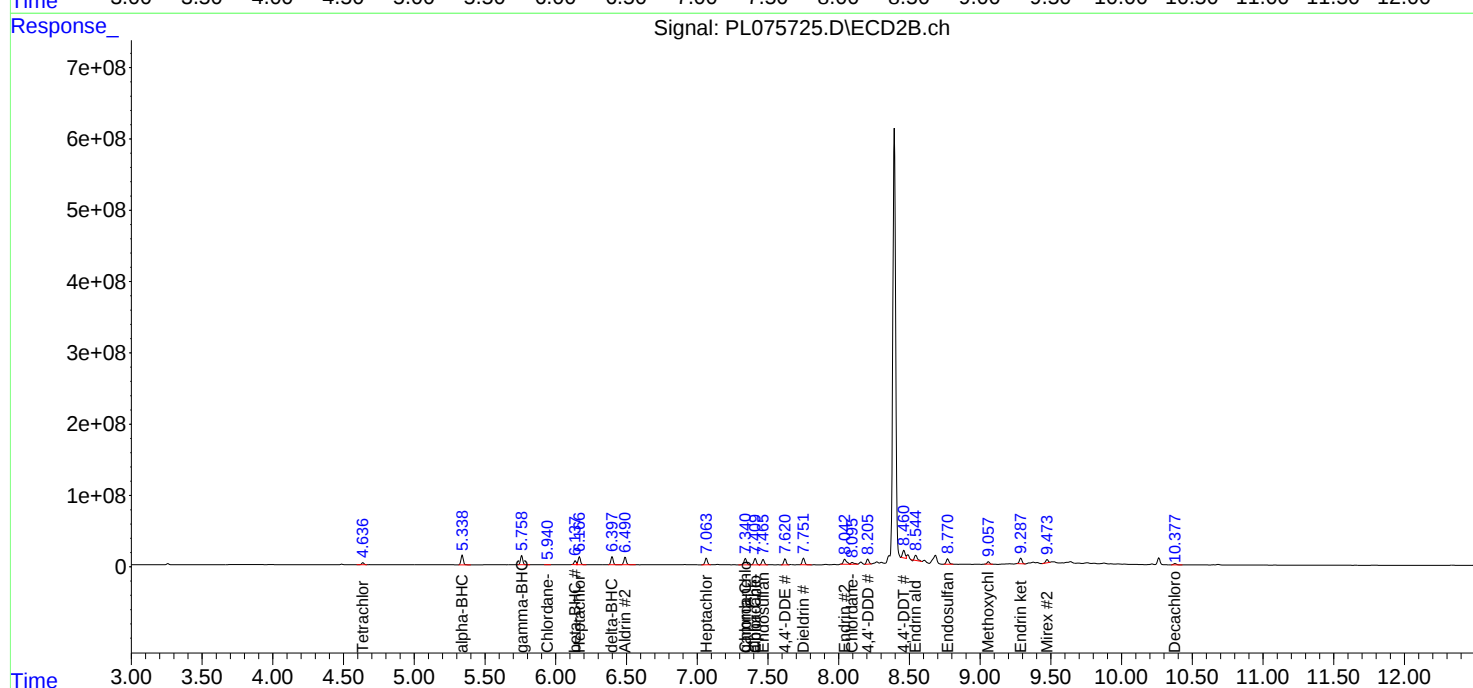
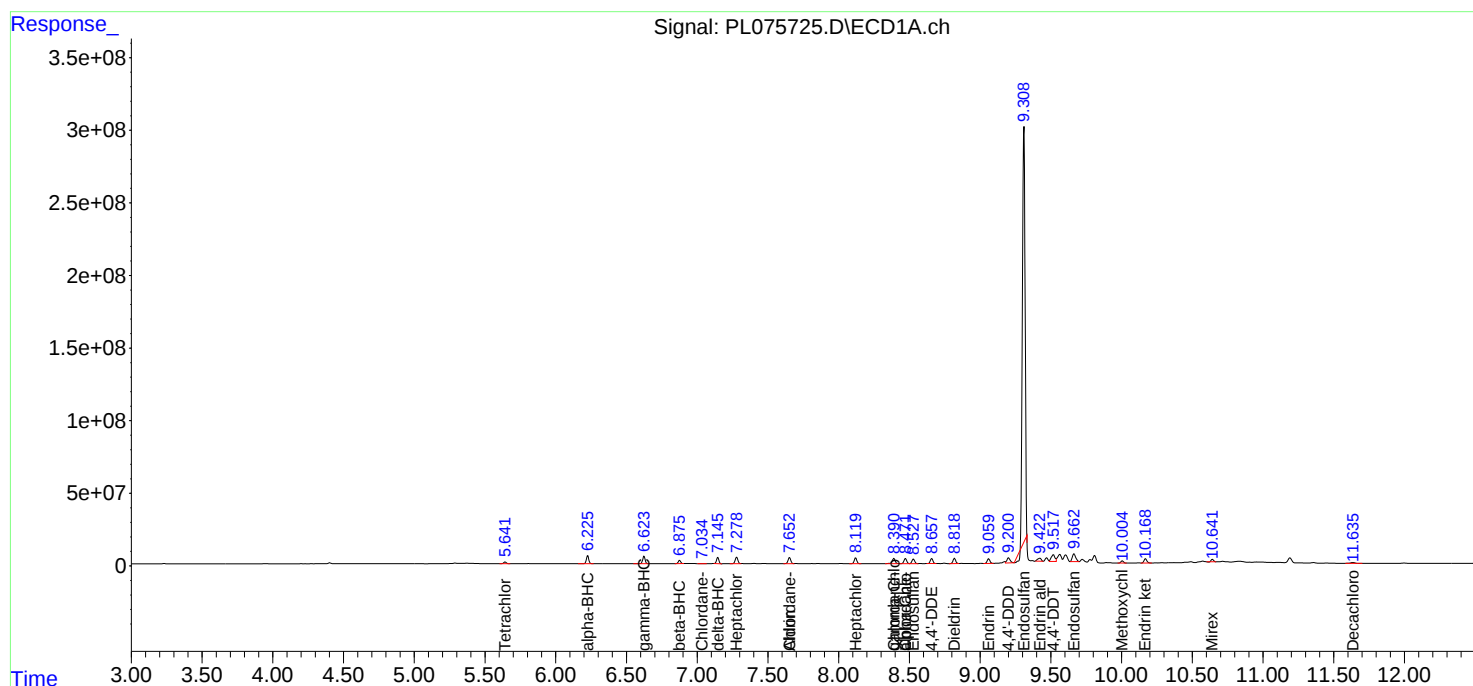
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

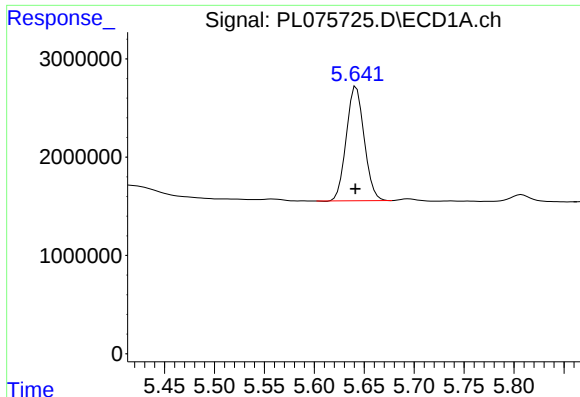
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061322\  
Data File : PL075725.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2022 14:51  
Operator : AR\AJ  
Sample : N3140-01MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 23:19:21 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 07 02:04:29 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

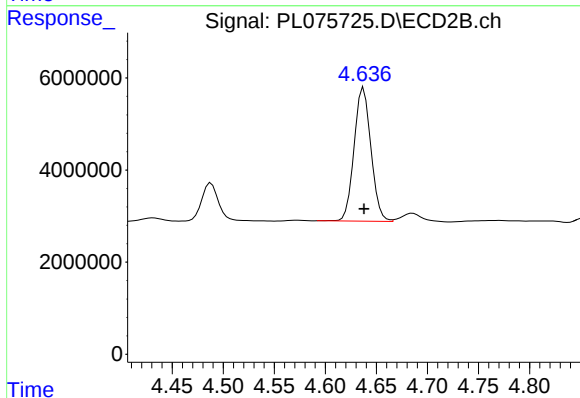




#1 Tetrachloro-m-xylene

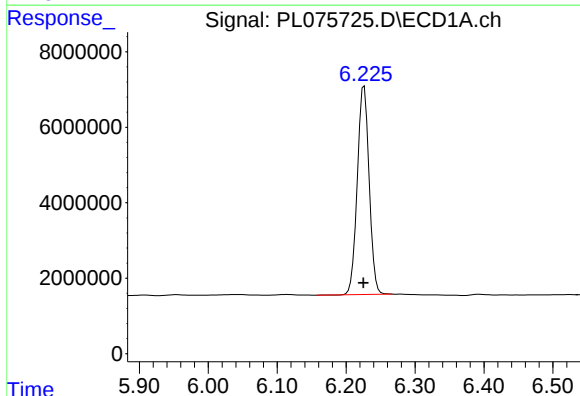
R.T.: 5.642 min  
Delta R.T.: 0.001 min  
Response: 14502905  
Conc: 21.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



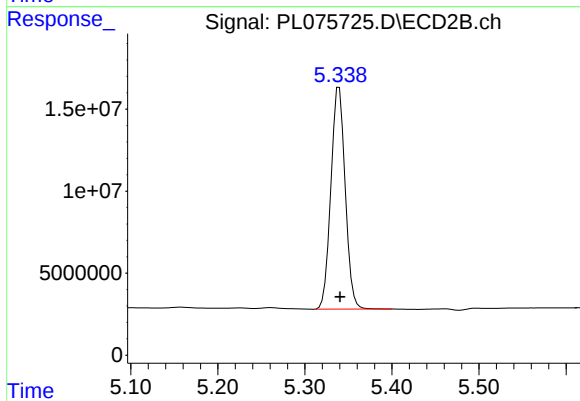
#1 Tetrachloro-m-xylene

R.T.: 4.638 min  
Delta R.T.: 0.000 min  
Response: 33302025  
Conc: 19.84 ng/ml



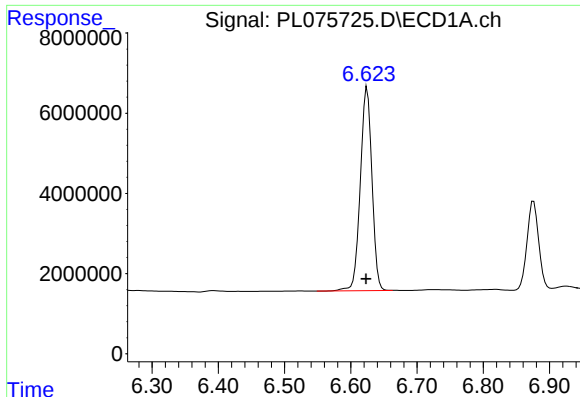
#2 alpha-BHC

R.T.: 6.226 min  
Delta R.T.: 0.001 min  
Response: 65850776  
Conc: 70.06 ng/ml



#2 alpha-BHC

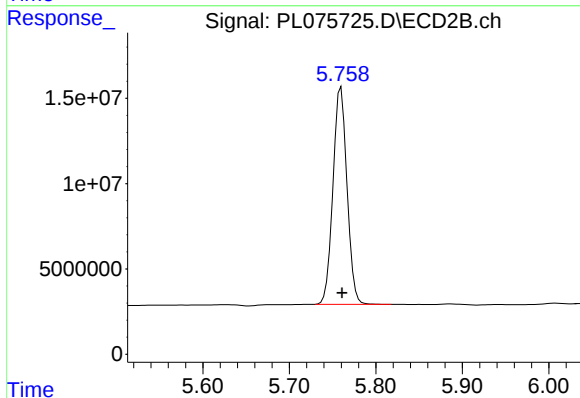
R.T.: 5.339 min  
Delta R.T.: 0.000 min  
Response: 154719322  
Conc: 68.33 ng/ml



#3 gamma-BHC (Lindane)

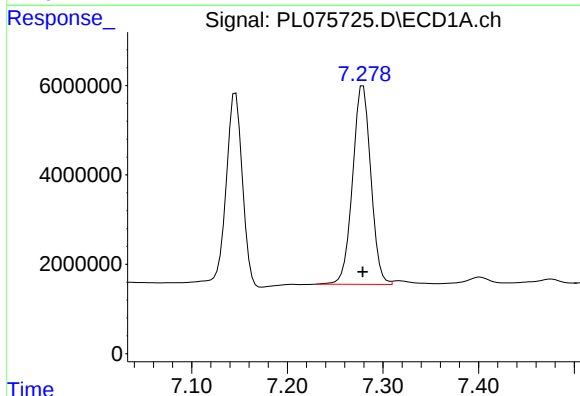
R.T.: 6.625 min  
Delta R.T.: 0.001 min  
Response: 61909807  
Conc: 70.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



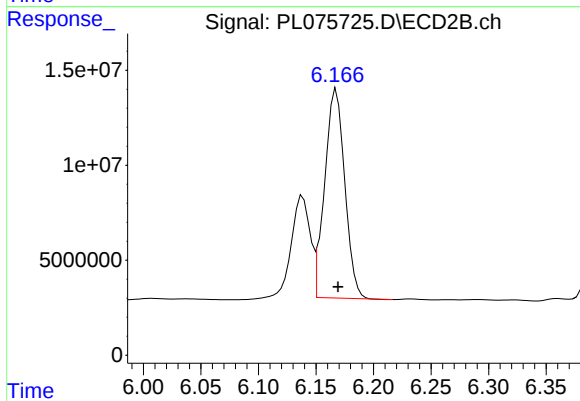
#3 gamma-BHC (Lindane)

R.T.: 5.760 min  
Delta R.T.: -0.001 min  
Response: 143107934  
Conc: 65.99 ng/ml



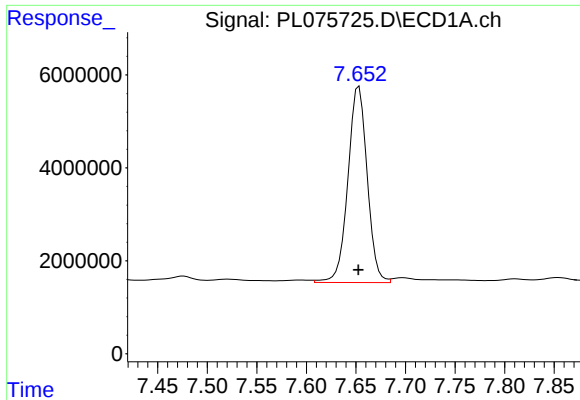
#4 Heptachlor

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 59007269  
Conc: 64.17 ng/ml



#4 Heptachlor

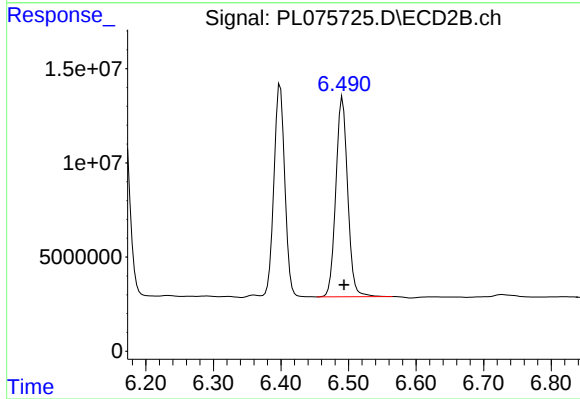
R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 133277872  
Conc: 62.51 ng/ml



#5 Aldrin

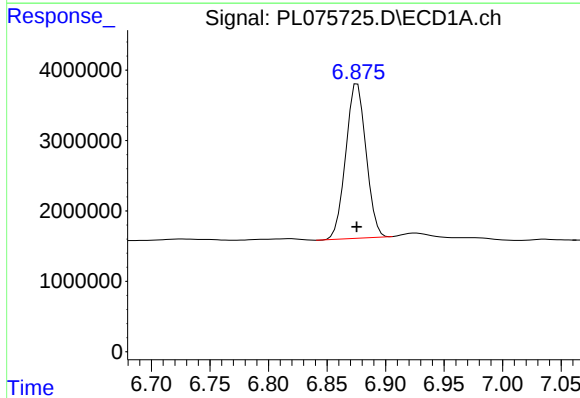
R.T.: 7.653 min  
Delta R.T.: 0.000 min  
Response: 57214044  
Conc: 69.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



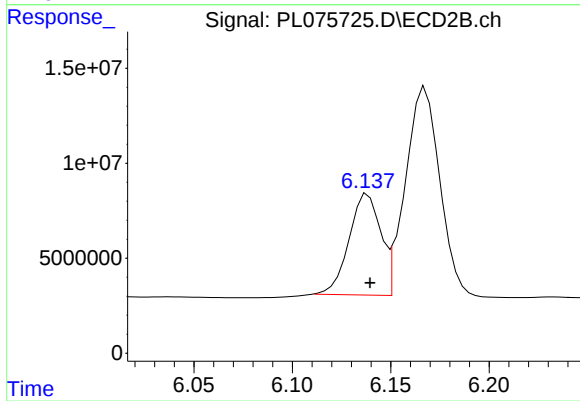
#5 Aldrin

R.T.: 6.491 min  
Delta R.T.: -0.002 min  
Response: 129697619  
Conc: 66.04 ng/ml



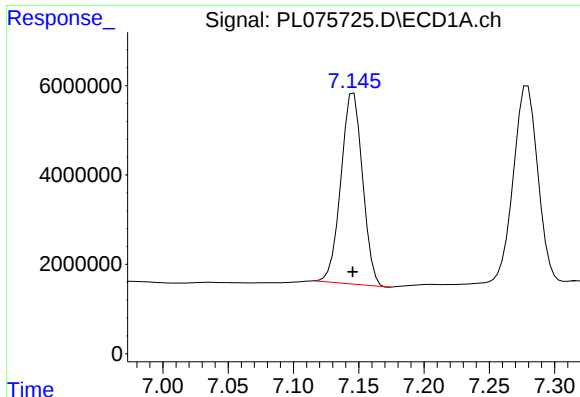
#6 beta-BHC

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 26535933  
Conc: 64.66 ng/ml



#6 beta-BHC

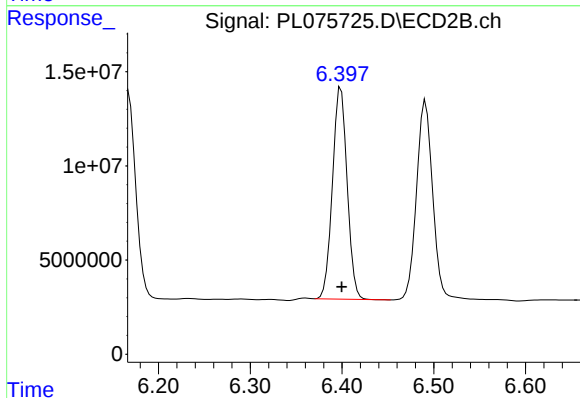
R.T.: 6.138 min  
Delta R.T.: -0.001 min  
Response: 59326735  
Conc: 60.44 ng/ml



#7 delta-BHC

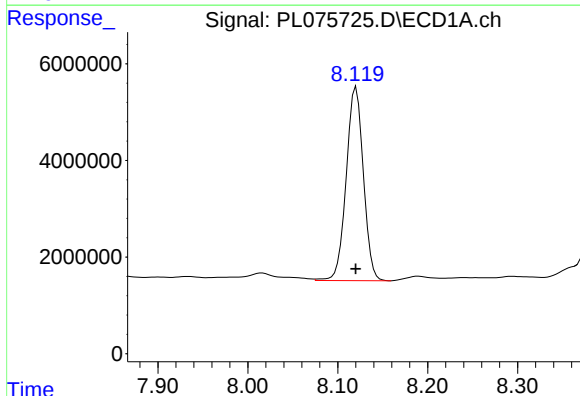
R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 49293219  
Conc: 64.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



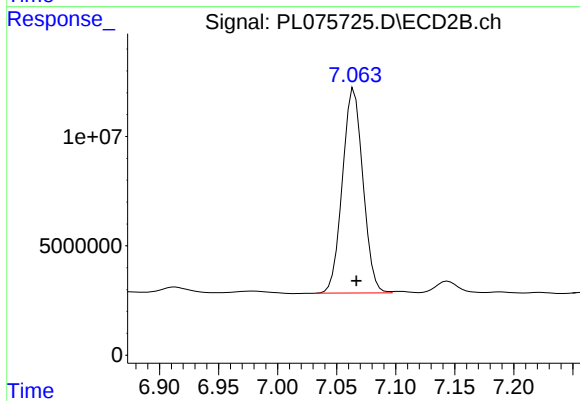
#7 delta-BHC

R.T.: 6.399 min  
Delta R.T.: 0.000 min  
Response: 125323281  
Conc: 58.54 ng/ml



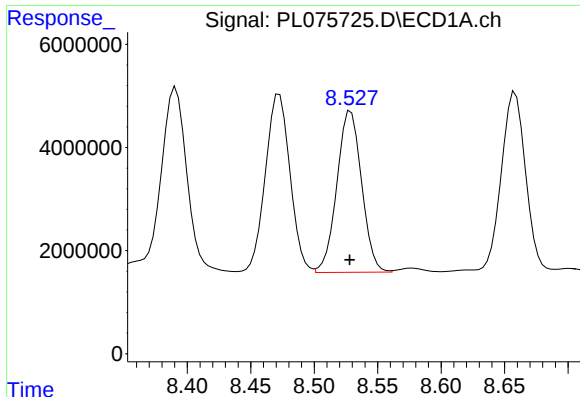
#8 Heptachlor epoxide

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 53151896  
Conc: 68.76 ng/ml



#8 Heptachlor epoxide

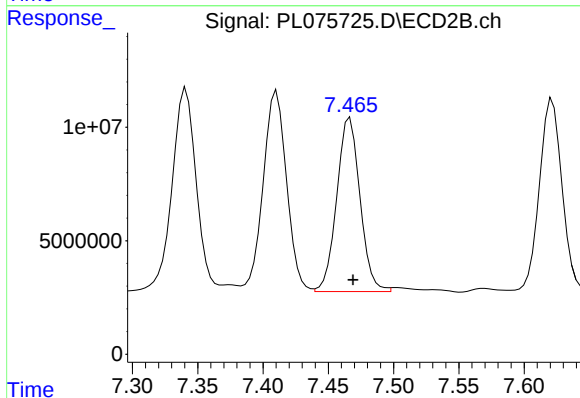
R.T.: 7.065 min  
Delta R.T.: -0.002 min  
Response: 113178214  
Conc: 61.85 ng/ml



#9 Endosulfan I

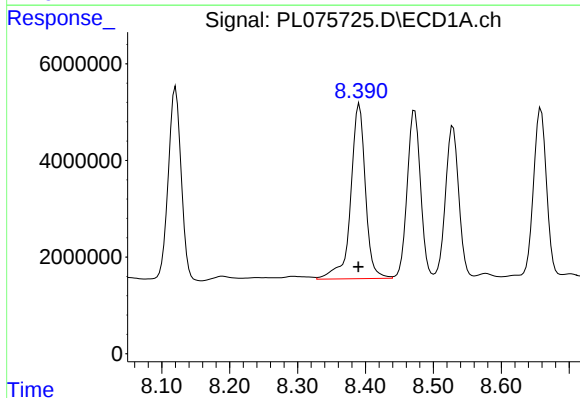
R.T.: 8.529 min  
Delta R.T.: 0.000 min  
Response: 42457731  
Conc: 60.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



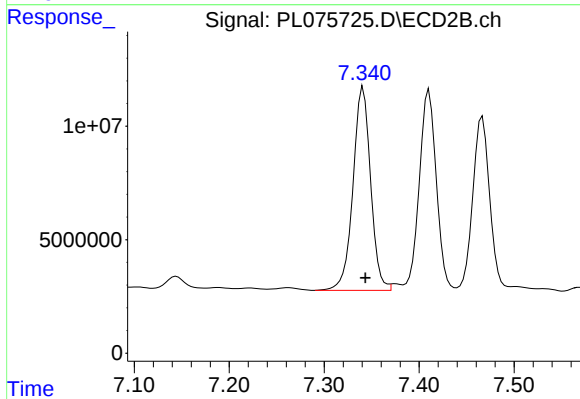
#9 Endosulfan I

R.T.: 7.467 min  
Delta R.T.: -0.002 min  
Response: 95139580  
Conc: 56.88 ng/ml



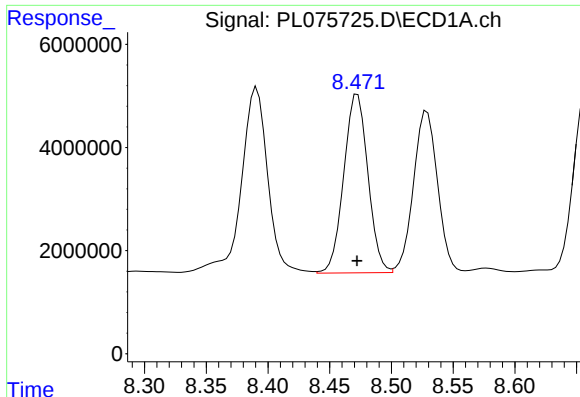
#10 gamma-Chlordane

R.T.: 8.391 min  
Delta R.T.: 0.001 min  
Response: 54532671  
Conc: 70.22 ng/ml



#10 gamma-Chlordane

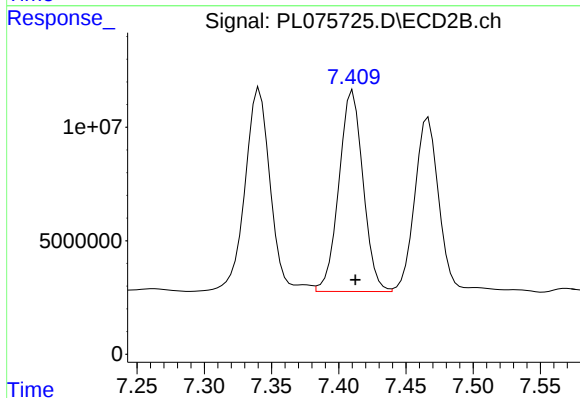
R.T.: 7.341 min  
Delta R.T.: -0.002 min  
Response: 115658940  
Conc: 63.08 ng/ml



#11 alpha-Chlordane

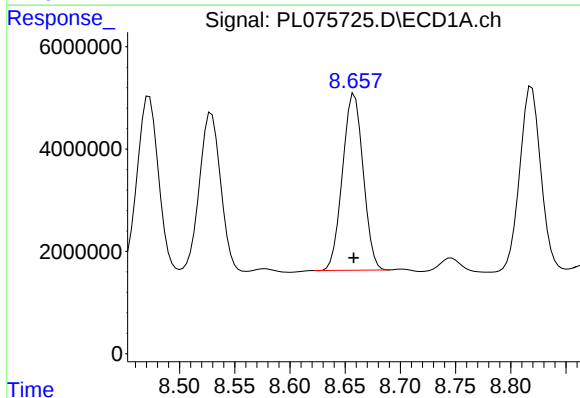
R.T.: 8.473 min  
Delta R.T.: 0.000 min  
Response: 47244179  
Conc: 61.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



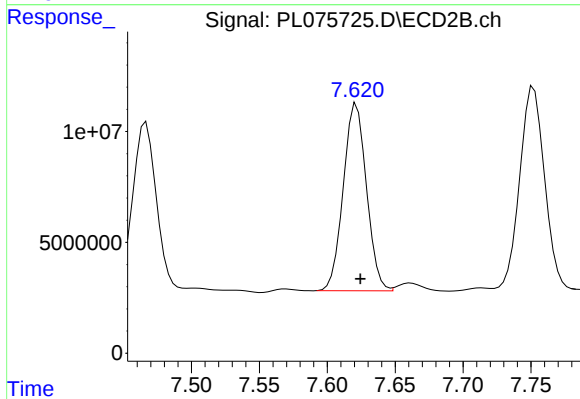
#11 alpha-Chlordane

R.T.: 7.410 min  
Delta R.T.: -0.002 min  
Response: 110432560  
Conc: 60.48 ng/ml



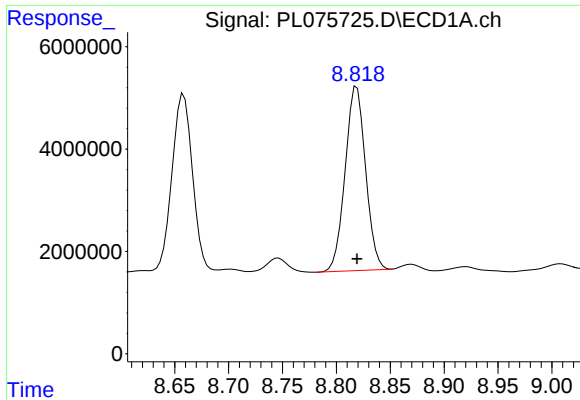
#12 4,4'-DDE

R.T.: 8.658 min  
Delta R.T.: 0.000 min  
Response: 44944934  
Conc: 67.91 ng/ml



#12 4,4'-DDE

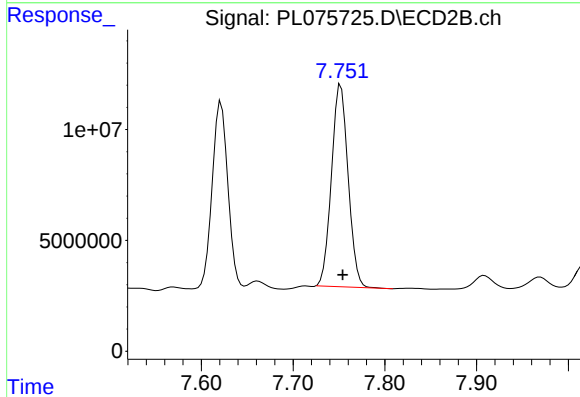
R.T.: 7.622 min  
Delta R.T.: -0.003 min  
Response: 100538803  
Conc: 62.89 ng/ml



#13 Dieldrin

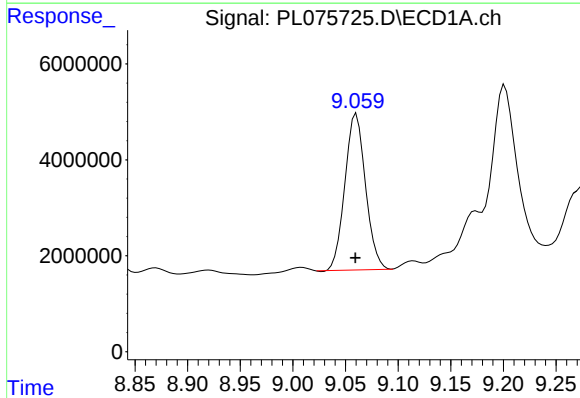
R.T.: 8.819 min  
Delta R.T.: 0.000 min  
Response: 47567043  
Conc: 65.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



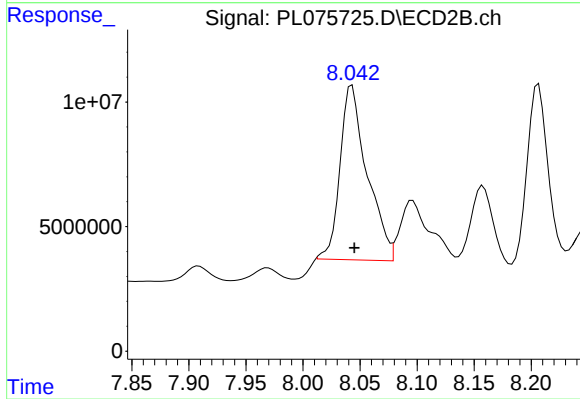
#13 Dieldrin

R.T.: 7.752 min  
Delta R.T.: -0.002 min  
Response: 115347476  
Conc: 68.15 ng/ml



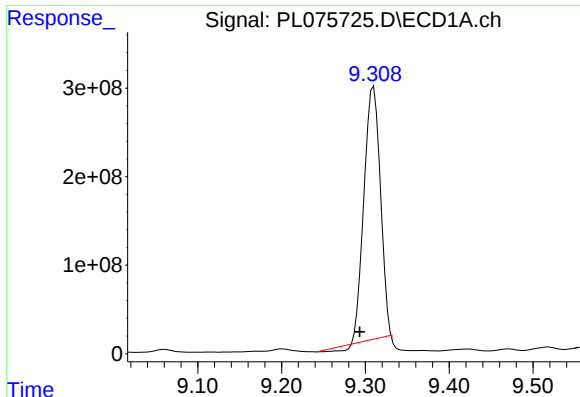
#14 Endrin

R.T.: 9.060 min  
Delta R.T.: 0.001 min  
Response: 44471972  
Conc: 75.01 ng/ml



#14 Endrin

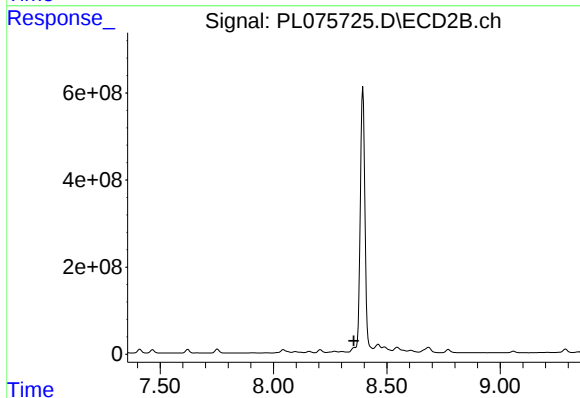
R.T.: 8.043 min  
Delta R.T.: -0.002 min  
Response: 115708382  
Conc: 84.64 ng/ml



#15 Endosulfan II

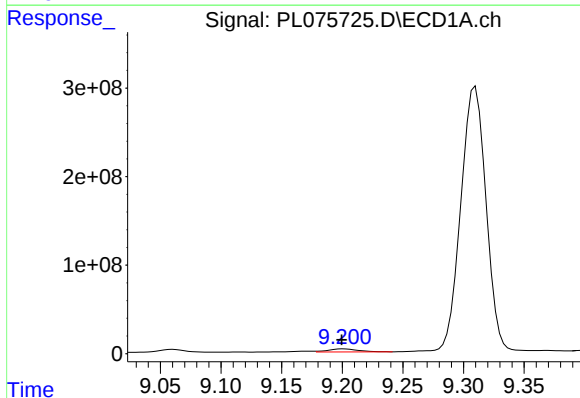
R.T.: 9.310 min  
Delta R.T.: 0.016 min  
Response: 3810330572  
Conc: 6123.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



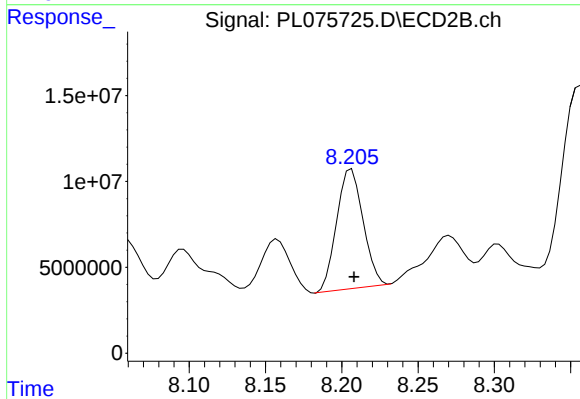
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 8.354 min  
Response: 0  
Conc: N.D.



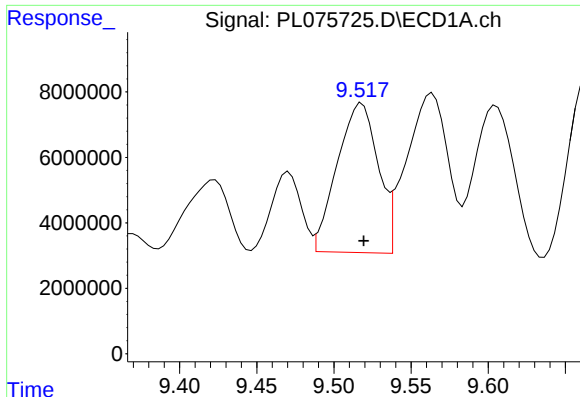
#16 4,4'-DDD

R.T.: 9.201 min  
Delta R.T.: 0.002 min  
Response: 56536504  
Conc: 103.33 ng/ml



#16 4,4'-DDD

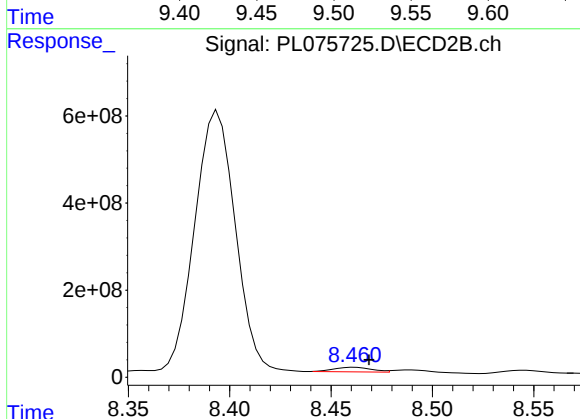
R.T.: 8.206 min  
Delta R.T.: -0.002 min  
Response: 83717075  
Conc: 63.67 ng/ml



#17 4,4'-DDT

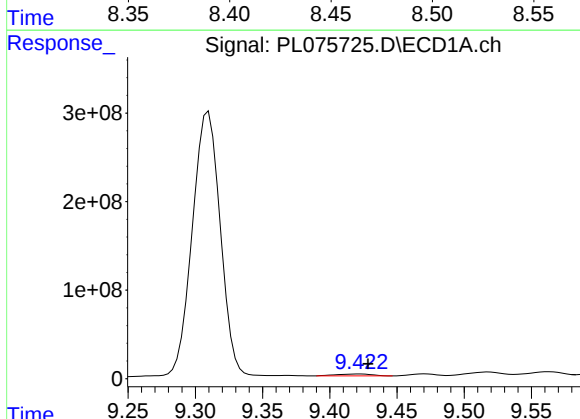
R.T.: 9.518 min  
Delta R.T.: -0.001 min  
Response: 84049279  
Conc: 131.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



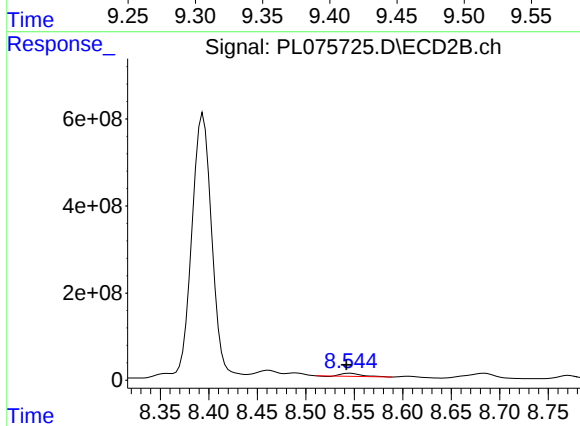
#17 4,4'-DDT

R.T.: 8.462 min  
Delta R.T.: -0.007 min  
Response: 136791939  
Conc: 97.31 ng/ml



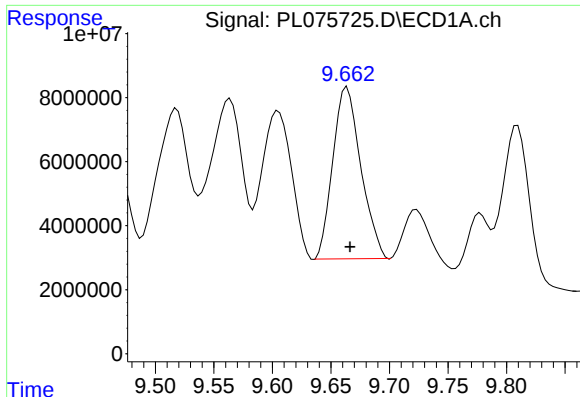
#18 Endrin aldehyde

R.T.: 9.423 min  
Delta R.T.: -0.006 min  
Response: 37761348  
Conc: 73.73 ng/ml



#18 Endrin aldehyde

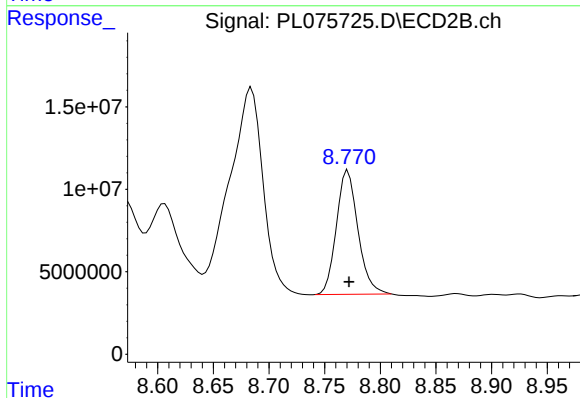
R.T.: 8.545 min  
Delta R.T.: 0.003 min  
Response: 101327046  
Conc: 89.96 ng/ml



#19 Endosulfan Sulfate

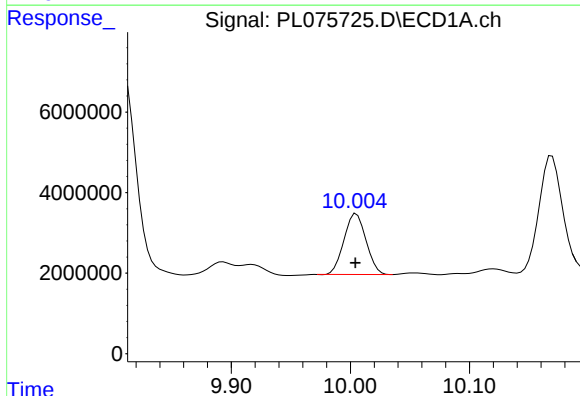
R.T.: 9.664 min  
Delta R.T.: -0.003 min  
Response: 89486024  
Conc: 142.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



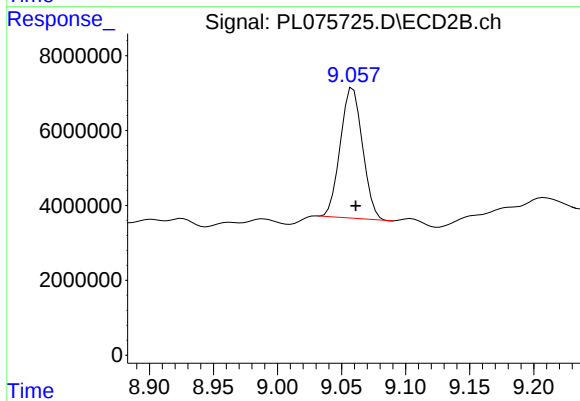
#19 Endosulfan Sulfate

R.T.: 8.771 min  
Delta R.T.: -0.001 min  
Response: 101484974  
Conc: 69.09 ng/ml



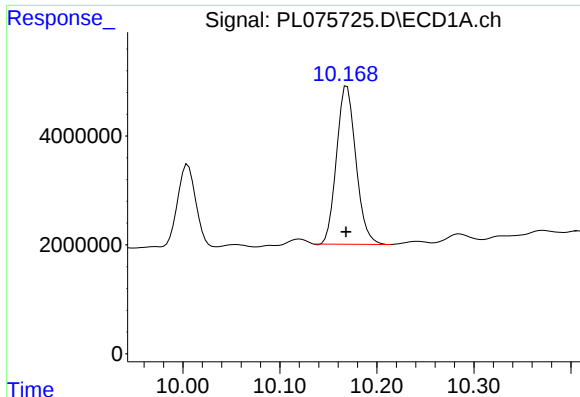
#20 Methoxychlor

R.T.: 10.005 min  
Delta R.T.: 0.000 min  
Response: 19488430  
Conc: 54.44 ng/ml



#20 Methoxychlor

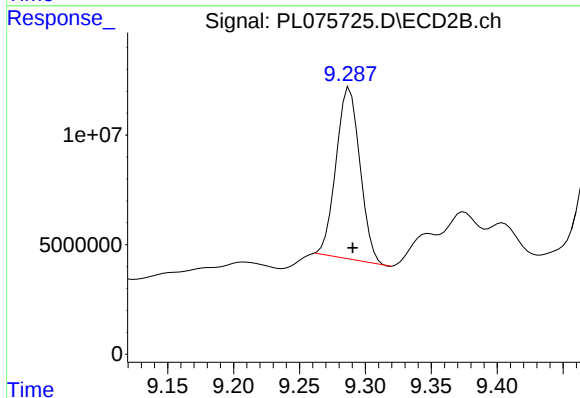
R.T.: 9.059 min  
Delta R.T.: -0.002 min  
Response: 42059513  
Conc: 51.63 ng/ml



#21 Endrin ketone

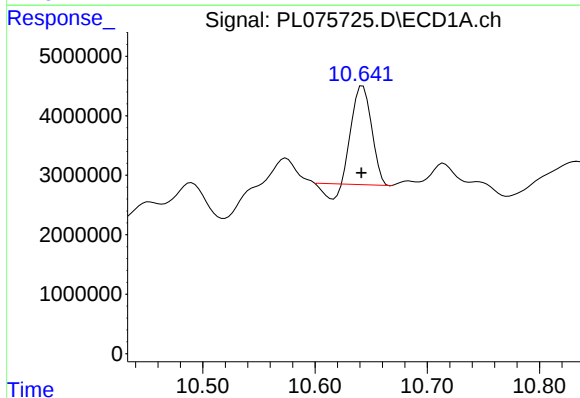
R.T.: 10.169 min  
Delta R.T.: 0.000 min  
Response: 40259313  
Conc: 57.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



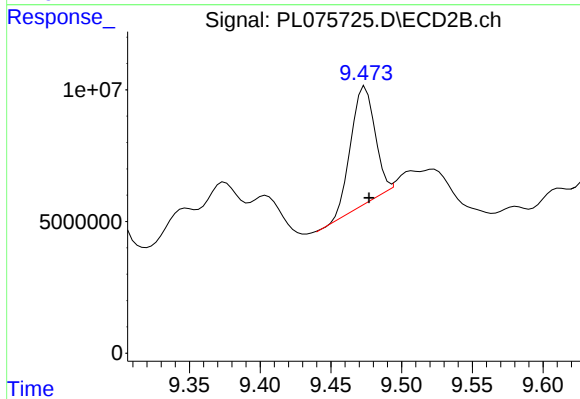
#21 Endrin ketone

R.T.: 9.288 min  
Delta R.T.: -0.002 min  
Response: 98613080  
Conc: 61.09 ng/ml



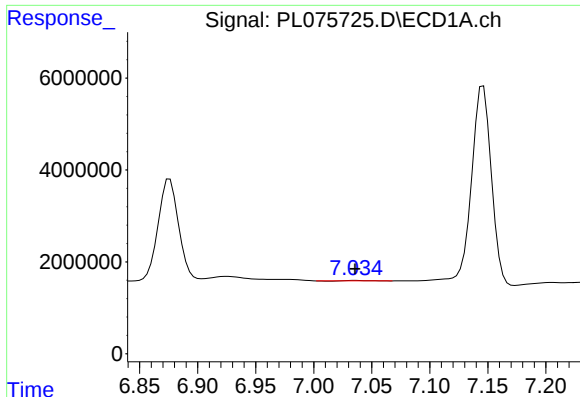
#22 Mirex

R.T.: 10.643 min  
Delta R.T.: 0.001 min  
Response: 18524462  
Conc: 32.92 ng/ml



#22 Mirex

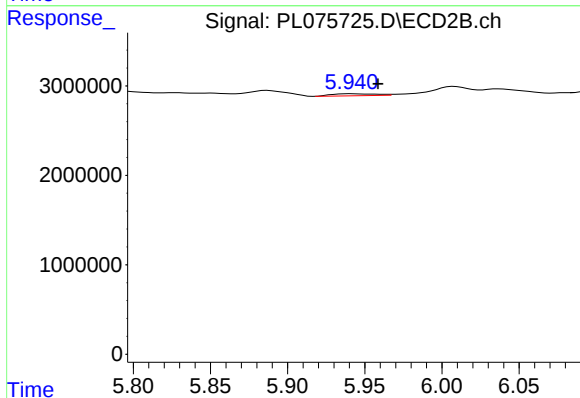
R.T.: 9.474 min  
Delta R.T.: -0.003 min  
Response: 52397986  
Conc: 40.80 ng/ml



#23 Chlordane-1

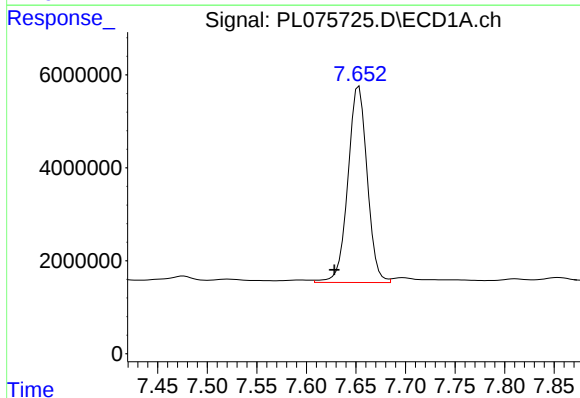
R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 119473  
Conc: 4.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



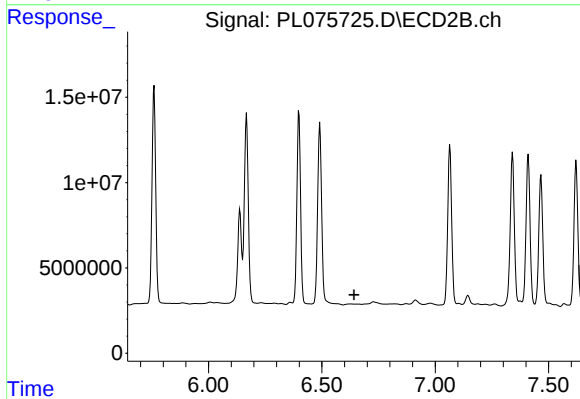
#23 Chlordane-1

R.T.: 5.942 min  
Delta R.T.: -0.017 min  
Response: 455149  
Conc: 8.28 ng/ml



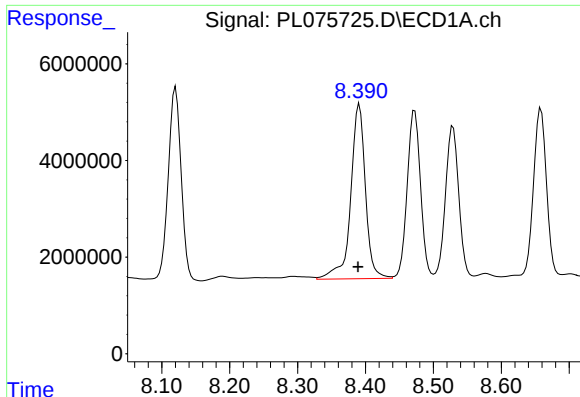
#24 Chlordane-2

R.T.: 7.653 min  
Delta R.T.: 0.025 min  
Response: 57214044  
Conc: 1860.25 ng/ml



#24 Chlordane-2

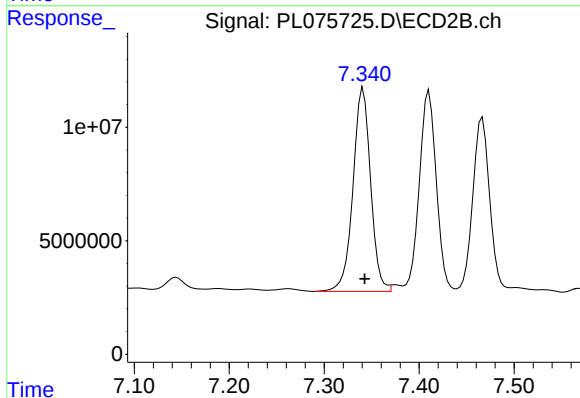
R.T.: 6.630 min  
Delta R.T.: -0.013 min  
Response: -28021  
Conc: N.D.



#25 Chlordane-3

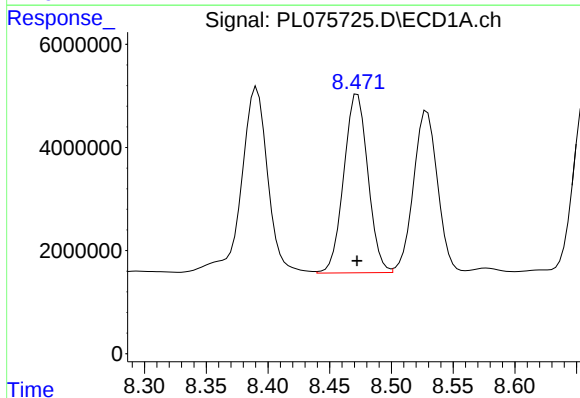
R.T.: 8.391 min  
Delta R.T.: 0.002 min  
Response: 54532671  
Conc: 528.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



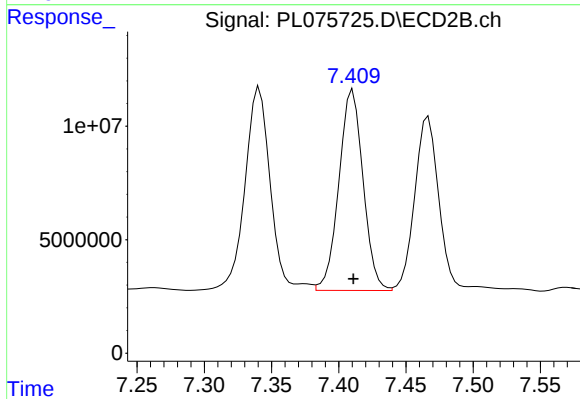
#25 Chlordane-3

R.T.: 7.341 min  
Delta R.T.: -0.001 min  
Response: 115658940  
Conc: 672.50 ng/ml



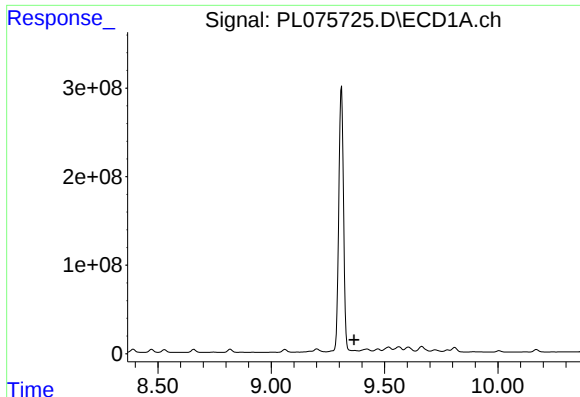
#26 Chlordane-4

R.T.: 8.473 min  
Delta R.T.: 0.000 min  
Response: 47244179  
Conc: 373.01 ng/ml



#26 Chlordane-4

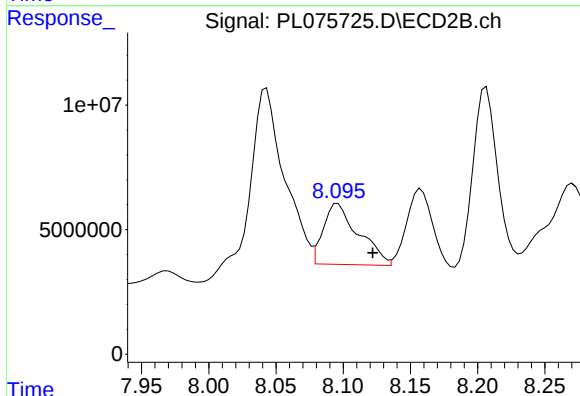
R.T.: 7.410 min  
Delta R.T.: 0.000 min  
Response: 110432560  
Conc: 599.96 ng/ml



#27 Chlordane-5

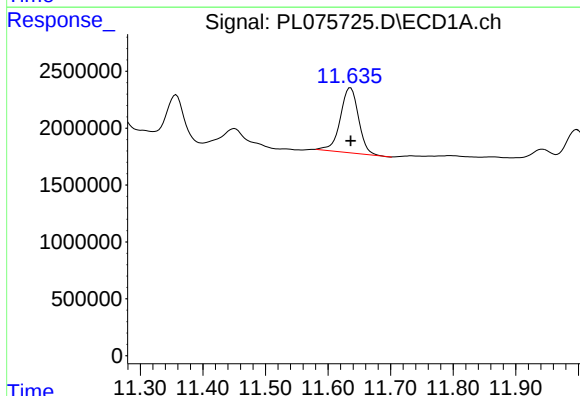
R.T.: 9.369 min  
Delta R.T.: 0.003 min  
Response: -3645101  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



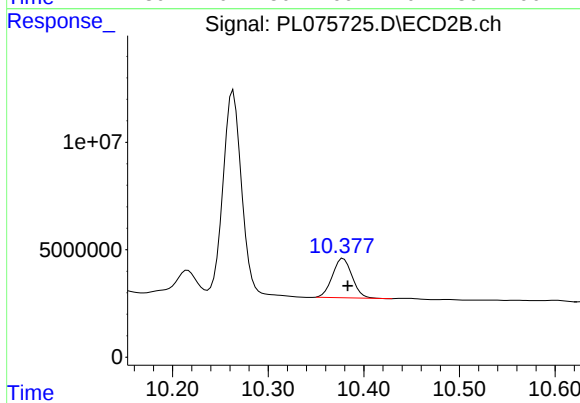
#27 Chlordane-5

R.T.: 8.096 min  
Delta R.T.: -0.026 min  
Response: 44583722  
Conc: 939.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.636 min  
Delta R.T.: 0.000 min  
Response: 11596586  
Conc: 18.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.379 min  
Delta R.T.: -0.005 min  
Response: 26009285  
Conc: 18.46 ng/ml