

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032522\  
 Data File : PL073688.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Mar 2022 14:49  
 Operator : AR\AJ  
 Sample : N2103-09MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 26 00:06:09 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 04:12:46 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... | 4.641  | 5.493  | 5742039  | 29819176 | 17.928   | 18.169     |
| 28)                         | SA Decachlor... | 10.418 | 11.337 | 7387158  | 23080811 | 14.527   | 12.907     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.350  | 6.056  | 21595104 | 124.9E6  | 52.390   | 55.533     |
| 3)                          | MA gamma-BHC... | 5.774  | 6.445  | 21559333 | 116.1E6  | 51.684   | 54.358     |
| 4)                          | MA Heptachlor   | 6.186  | 7.104  | 22084632 | 117.2E6  | 48.946   | 50.010     |
| 5)                          | MB Aldrin       | 6.511  | 7.473  | 21873675 | 115.3E6  | 52.941   | 55.032     |
| 6)                          | B beta-BHC      | 6.154  | 6.681  | 10523381 | 51548641 | 51.110   | 49.453     |
| 7)                          | B delta-BHC     | 6.416  | 6.949  | 21526023 | 114.4E6  | 53.594   | 53.107     |
| 8)                          | B Heptachlo...  | 7.088  | 7.929  | 21598999 | 101.8E6  | 50.116   | 50.970     |
| 9)                          | A Endosulfan I  | 7.491  | 8.329  | 20905961 | 93947223 | 50.963   | 51.467     |
| 10)                         | B gamma-Chl...  | 7.366  | 8.197  | 23057592 | 108.5E6  | 52.727   | 53.102     |
| 11)                         | B alpha-Chl...  | 7.435  | 8.280  | 22415137 | 102.4E6  | 50.721   | 51.192     |
| 12)                         | B 4,4'-DDE      | 7.649  | 8.465  | 21329934 | 110.8E6  | 59.442   | 61.844     |
| 13)                         | MA Dieldrin     | 7.778  | 8.614  | 21985603 | 89503823 | 52.771   | 48.519     |
| 14)                         | MA Endrin       | 8.069  | 8.849  | 22870189 | 77897525 | 58.943   | 50.602     |
| 15)                         | B Endosulfa...  | 8.380  | 9.073  | 21636302 | 77611321 | 55.353   | 50.534     |
| 16)                         | A 4,4'-DDD      | 8.235  | 8.992  | 21308566 | 89993957 | 65.618   | 61.652     |
| 17)                         | MA 4,4'-DDT     | 8.497  | 9.310  | 33615760 | 129.7E6  | 88.888   | 79.328     |
| 18)                         | B Endrin al...  | 8.568  | 9.206  | 17799245 | 60009488 | 56.283   | 48.935     |
| 19)                         | B Endosulfa...  | 8.801  | 9.443  | 31545585 | 75313439 | 74.678   | 47.786 #   |
| 20)                         | A Methoxychlor  | 9.093  | 9.790  | 13709523 | 38407936 | 53.441   | 42.625     |
| 21)                         | B Endrin ke...  | 9.319  | 9.932  | 24580124 | 79788765 | 50.243   | 48.340     |
| 22)                         | Mirex           | 9.507  | 10.409 | 21940147 | 60122675 | 46.527   | 44.258     |
| 23)                         | Chlordane-1     | 5.969  | 0.000  | 96396    | 0        | 8.131    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 7.473f | 0        | 115.3E6  | N.D.     | 1604.073 # |
| 25)                         | Chlordane-3     | 7.366  | 8.197  | 23057592 | 108.5E6  | 564.664  | 400.009 #  |
| 26)                         | Chlordane-4     | 7.435  | 8.280  | 22415137 | 102.4E6  | 505.747  | 309.084 #  |
| 27)                         | Chlordane-5     | 8.380  | 9.162  | 21636302 | 80474    | 1321.278 | 1.483 #    |
| -----                       |                 |        |        |          |          |          |            |

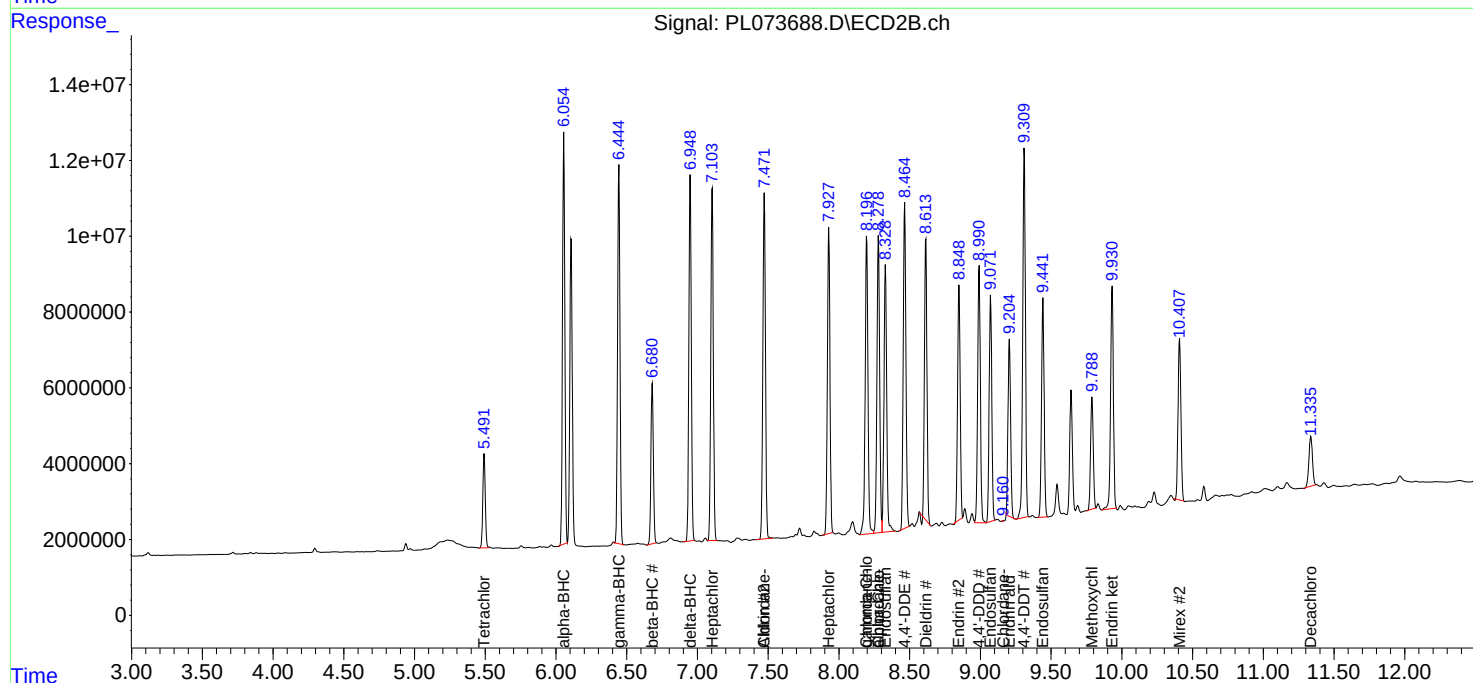
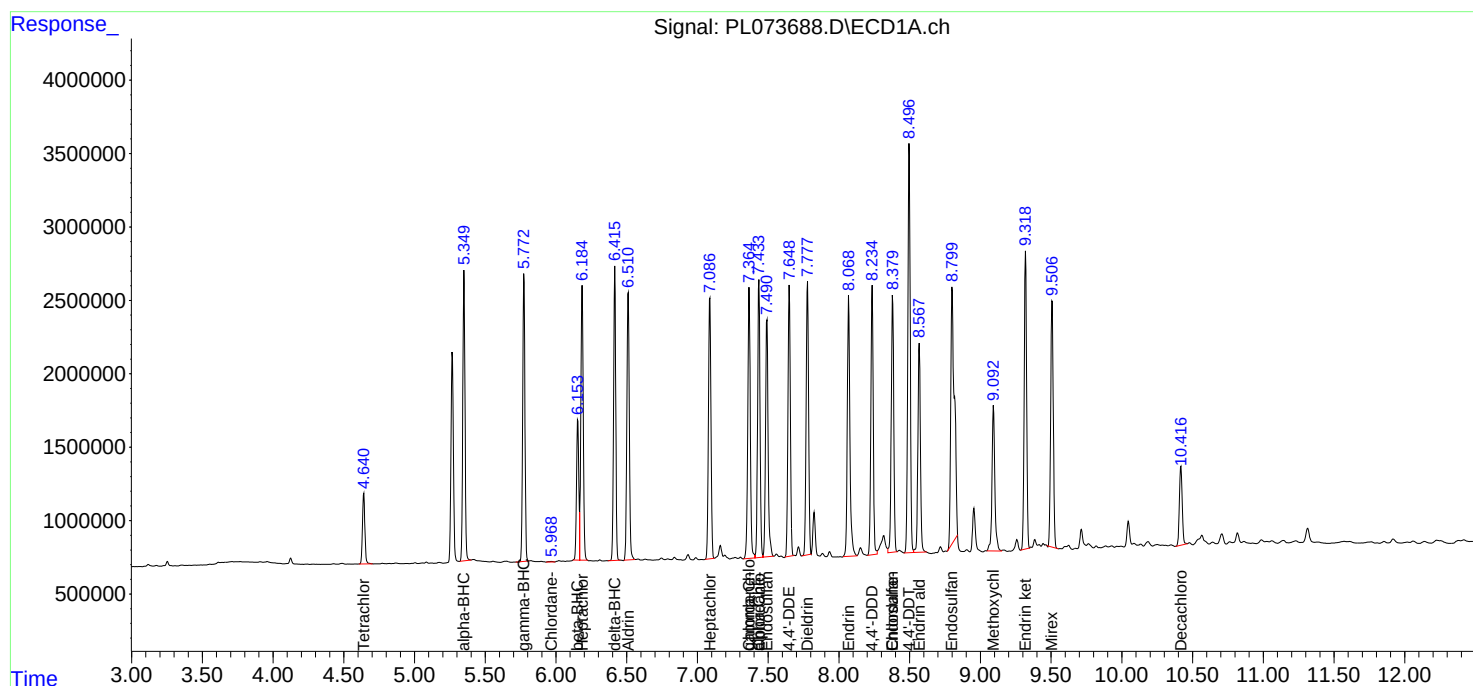
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

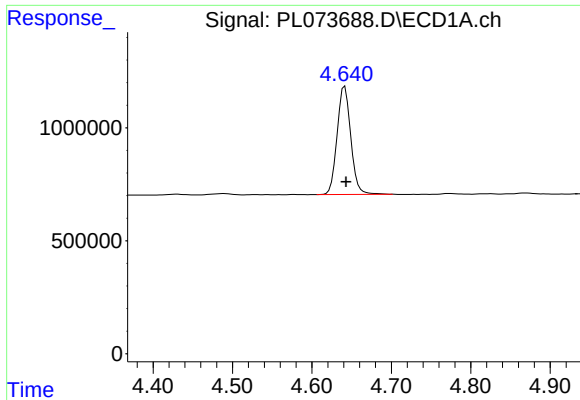
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032522\  
Data File : PL073688.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2022 14:49  
Operator : AR\AJ  
Sample : N2103-09MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 26 00:06:09 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 04:12:46 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

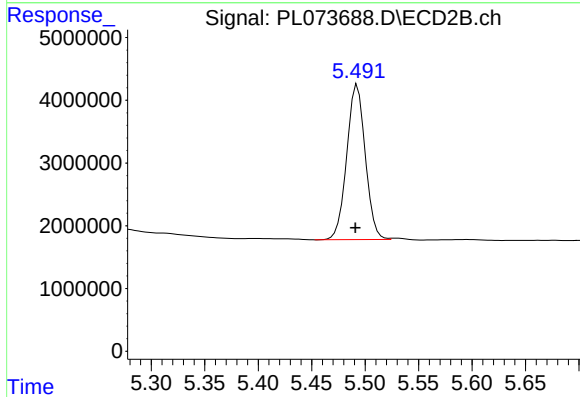




#1 Tetrachloro-m-xylene

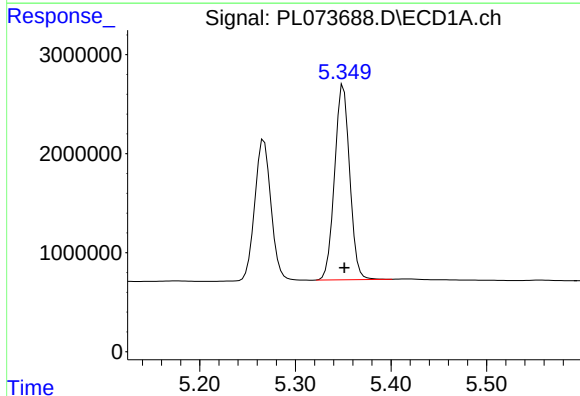
R.T.: 4.641 min  
Delta R.T.: -0.002 min  
Response: 5742039  
Conc: 17.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



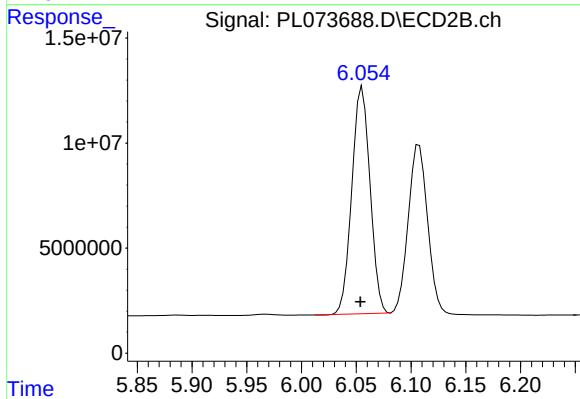
#1 Tetrachloro-m-xylene

R.T.: 5.493 min  
Delta R.T.: 0.002 min  
Response: 29819176  
Conc: 18.17 ng/ml



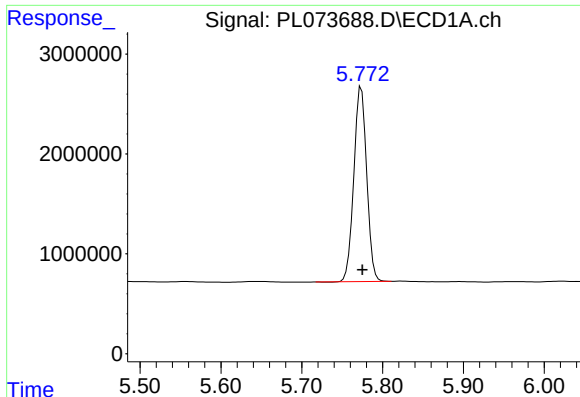
#2 alpha-BHC

R.T.: 5.350 min  
Delta R.T.: -0.001 min  
Response: 21595104  
Conc: 52.39 ng/ml



#2 alpha-BHC

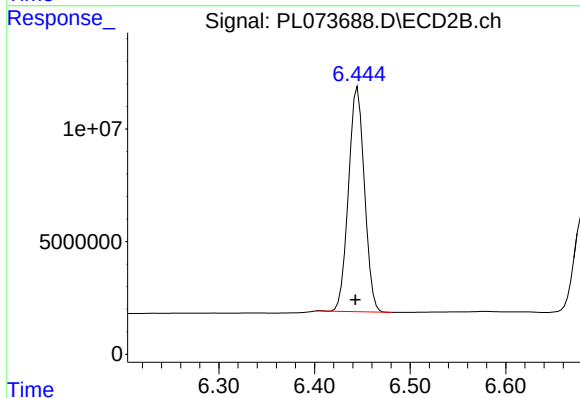
R.T.: 6.056 min  
Delta R.T.: 0.002 min  
Response: 124929336  
Conc: 55.53 ng/ml



#3 gamma-BHC (Lindane)

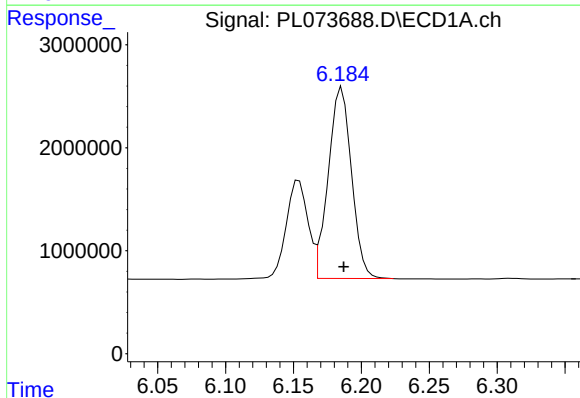
R.T.: 5.774 min  
Delta R.T.: -0.001 min  
Response: 21559333  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



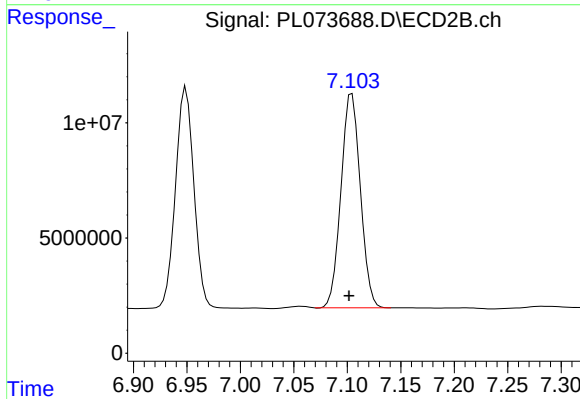
#3 gamma-BHC (Lindane)

R.T.: 6.445 min  
Delta R.T.: 0.003 min  
Response: 116059787  
Conc: 54.36 ng/ml



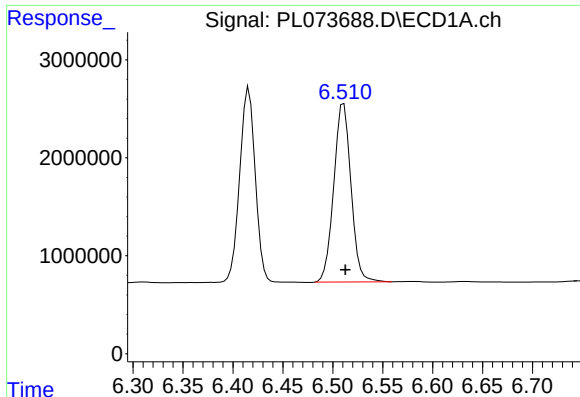
#4 Heptachlor

R.T.: 6.186 min  
Delta R.T.: -0.001 min  
Response: 22084632  
Conc: 48.95 ng/ml



#4 Heptachlor

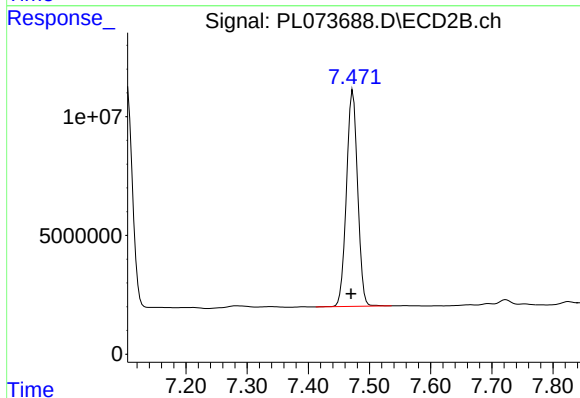
R.T.: 7.104 min  
Delta R.T.: 0.003 min  
Response: 117177829  
Conc: 50.01 ng/ml



#5 Aldrin

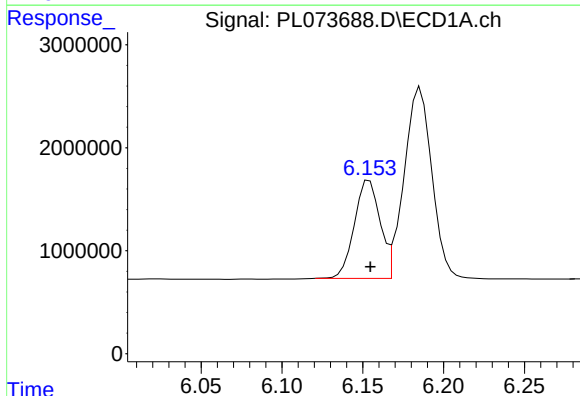
R.T.: 6.511 min  
Delta R.T.: -0.002 min  
Response: 21873675  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



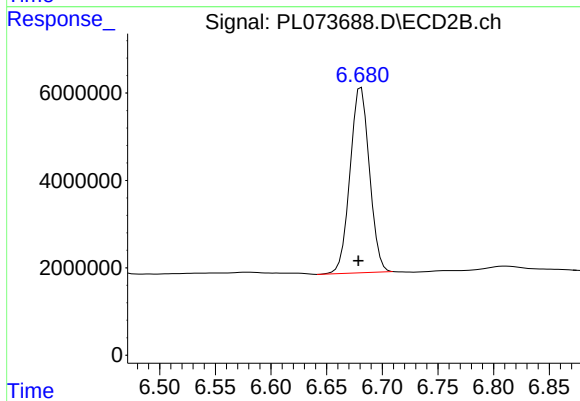
#5 Aldrin

R.T.: 7.473 min  
Delta R.T.: 0.003 min  
Response: 115290658  
Conc: 55.03 ng/ml



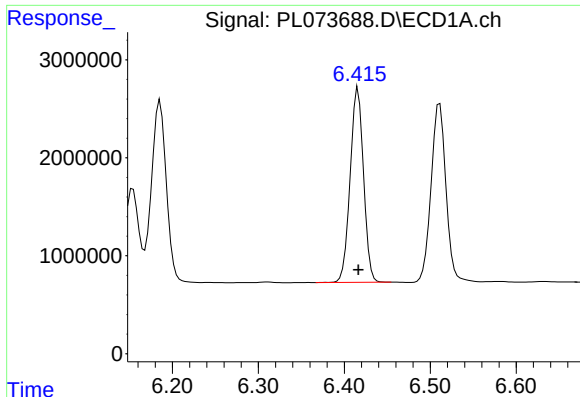
#6 beta-BHC

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 10523381  
Conc: 51.11 ng/ml



#6 beta-BHC

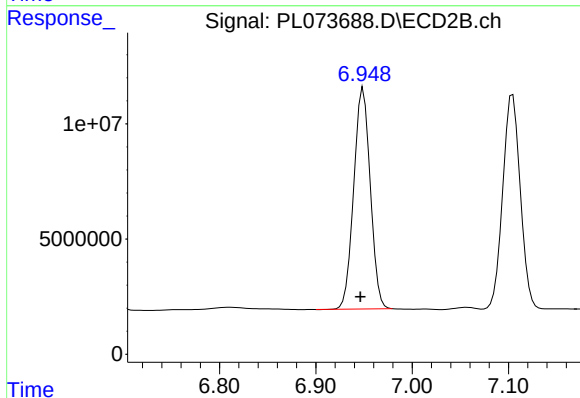
R.T.: 6.681 min  
Delta R.T.: 0.002 min  
Response: 51548641  
Conc: 49.45 ng/ml



#7 delta-BHC

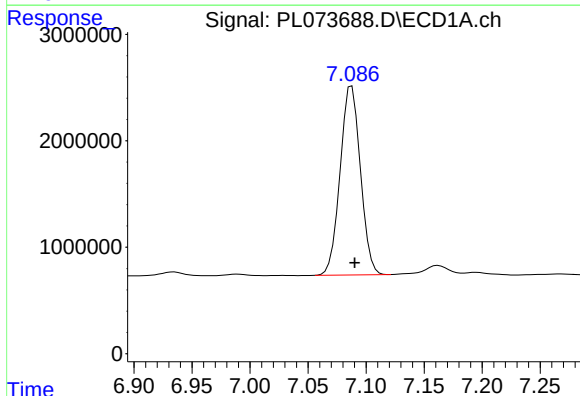
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 21526023  
Conc: 53.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



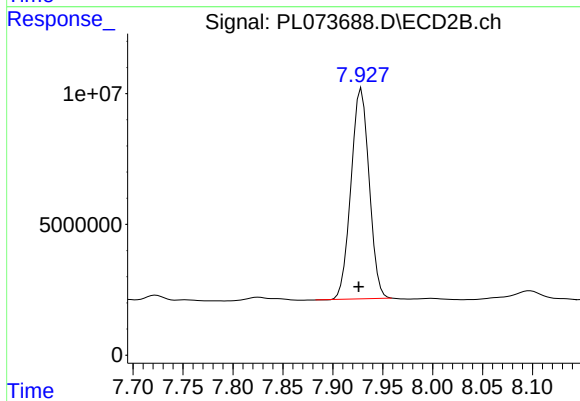
#7 delta-BHC

R.T.: 6.949 min  
Delta R.T.: 0.003 min  
Response: 114369976  
Conc: 53.11 ng/ml



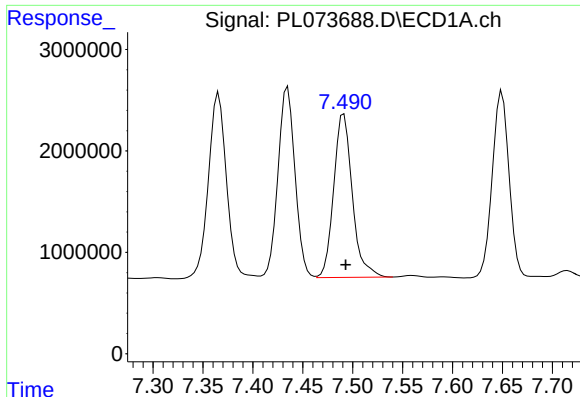
#8 Heptachlor epoxide

R.T.: 7.088 min  
Delta R.T.: -0.002 min  
Response: 21598999  
Conc: 50.12 ng/ml



#8 Heptachlor epoxide

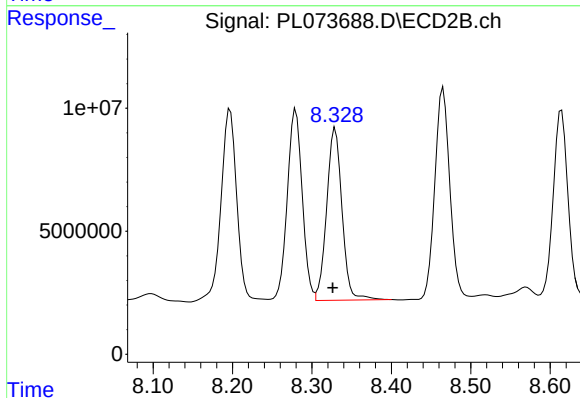
R.T.: 7.929 min  
Delta R.T.: 0.003 min  
Response: 101802549  
Conc: 50.97 ng/ml



#9 Endosulfan I

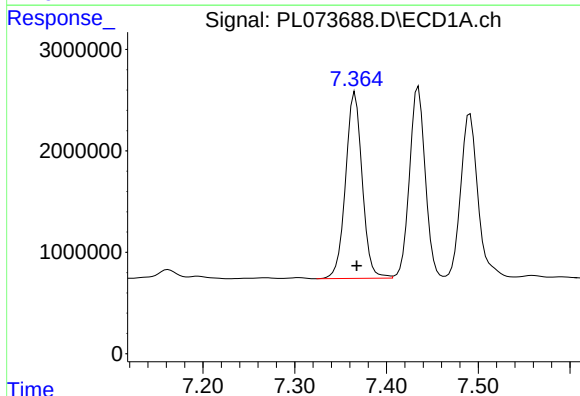
R.T.: 7.491 min  
Delta R.T.: -0.002 min  
Response: 20905961  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



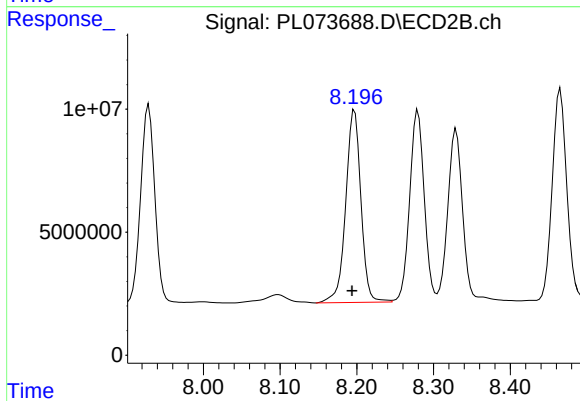
#9 Endosulfan I

R.T.: 8.329 min  
Delta R.T.: 0.003 min  
Response: 93947223  
Conc: 51.47 ng/ml



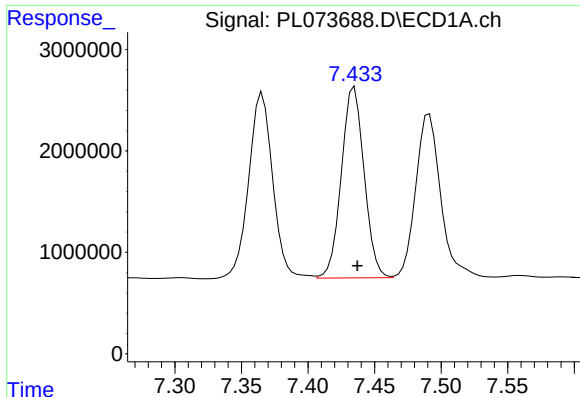
#10 gamma-Chlordane

R.T.: 7.366 min  
Delta R.T.: -0.002 min  
Response: 23057592  
Conc: 52.73 ng/ml



#10 gamma-Chlordane

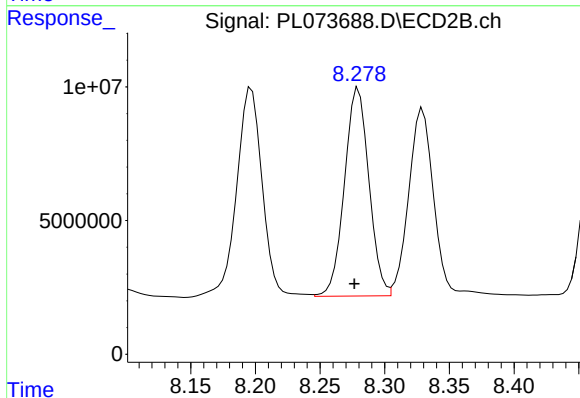
R.T.: 8.197 min  
Delta R.T.: 0.003 min  
Response: 108455214  
Conc: 53.10 ng/ml



#11 alpha-Chlordane

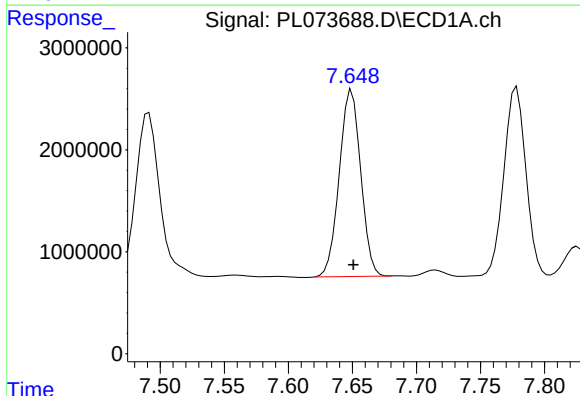
R.T.: 7.435 min  
Delta R.T.: -0.002 min  
Response: 22415137  
Conc: 50.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



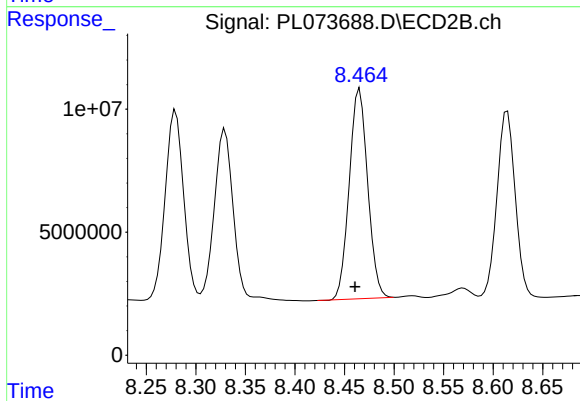
#11 alpha-Chlordane

R.T.: 8.280 min  
Delta R.T.: 0.003 min  
Response: 102384967  
Conc: 51.19 ng/ml



#12 4,4'-DDE

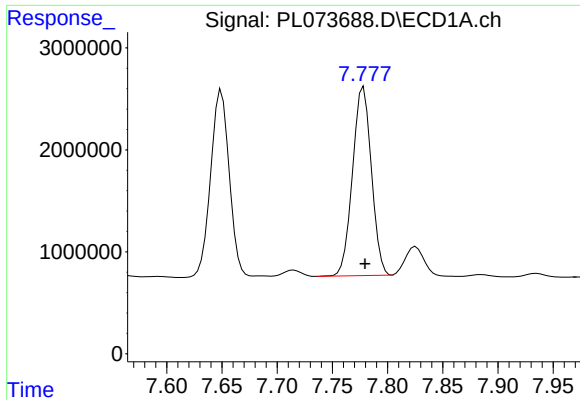
R.T.: 7.649 min  
Delta R.T.: -0.001 min  
Response: 21329934  
Conc: 59.44 ng/ml



#12 4,4'-DDE

R.T.: 8.465 min  
Delta R.T.: 0.005 min  
Response: 110848186  
Conc: 61.84 ng/ml

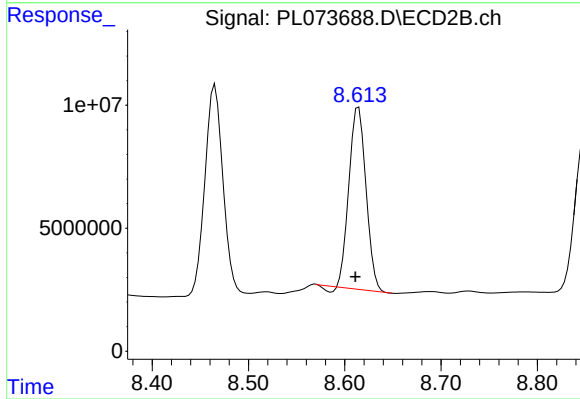




#13 Dieldrin

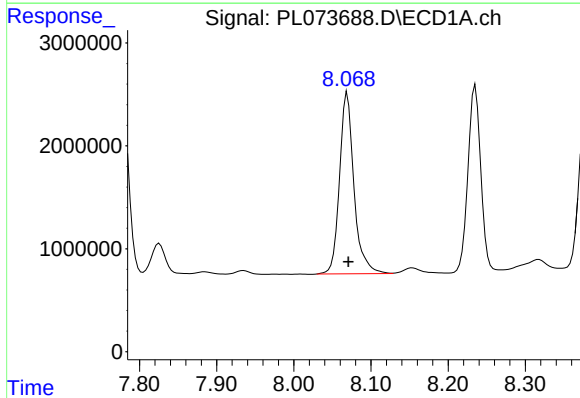
R.T.: 7.778 min  
Delta R.T.: -0.001 min  
Response: 21985603  
Conc: 52.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



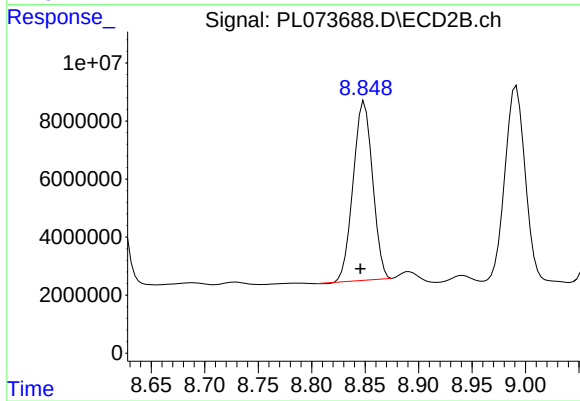
#13 Dieldrin

R.T.: 8.614 min  
Delta R.T.: 0.003 min  
Response: 89503823  
Conc: 48.52 ng/ml



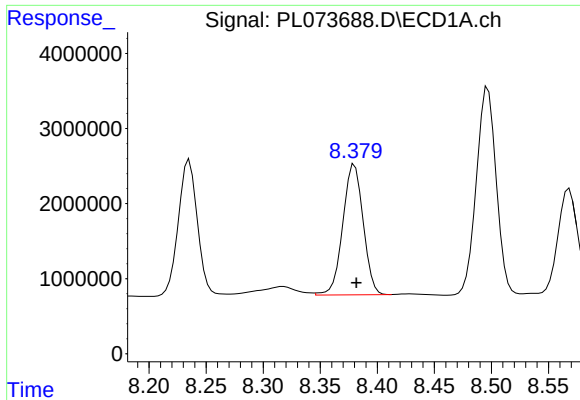
#14 Endrin

R.T.: 8.069 min  
Delta R.T.: -0.002 min  
Response: 22870189  
Conc: 58.94 ng/ml



#14 Endrin

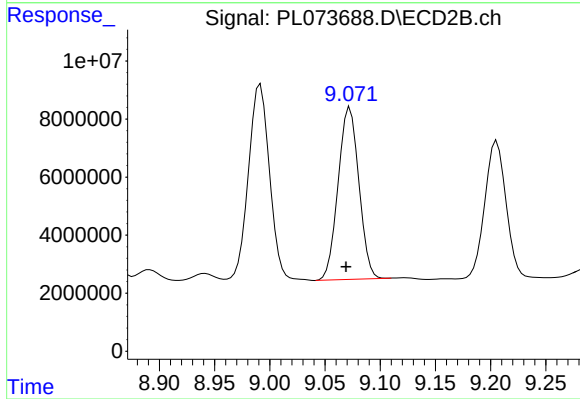
R.T.: 8.849 min  
Delta R.T.: 0.004 min  
Response: 77897525  
Conc: 50.60 ng/ml



#15 Endosulfan II

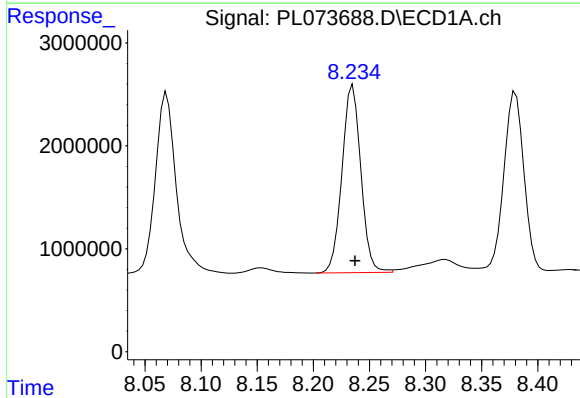
R.T.: 8.380 min  
Delta R.T.: -0.002 min  
Response: 21636302  
Conc: 55.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



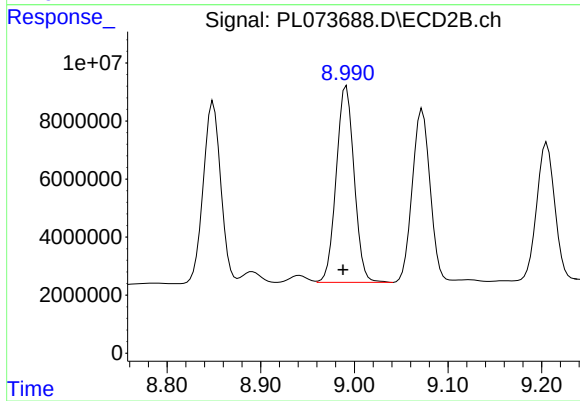
#15 Endosulfan II

R.T.: 9.073 min  
Delta R.T.: 0.004 min  
Response: 77611321  
Conc: 50.53 ng/ml



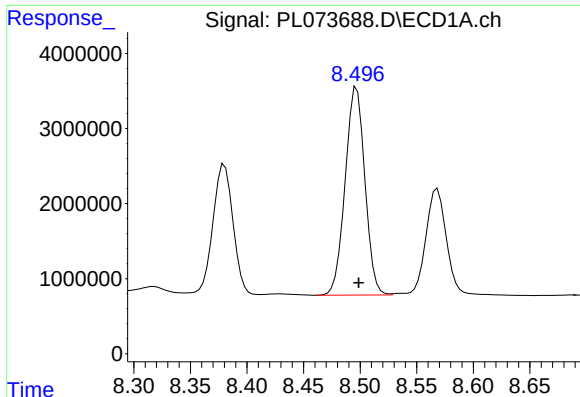
#16 4,4'-DDD

R.T.: 8.235 min  
Delta R.T.: -0.002 min  
Response: 21308566  
Conc: 65.62 ng/ml



#16 4,4'-DDD

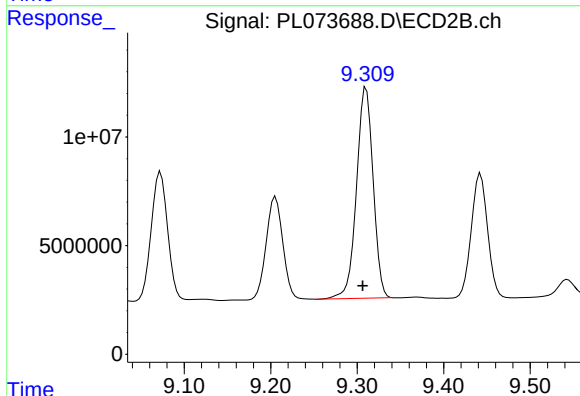
R.T.: 8.992 min  
Delta R.T.: 0.004 min  
Response: 89993957  
Conc: 61.65 ng/ml



#17 4,4'-DDT

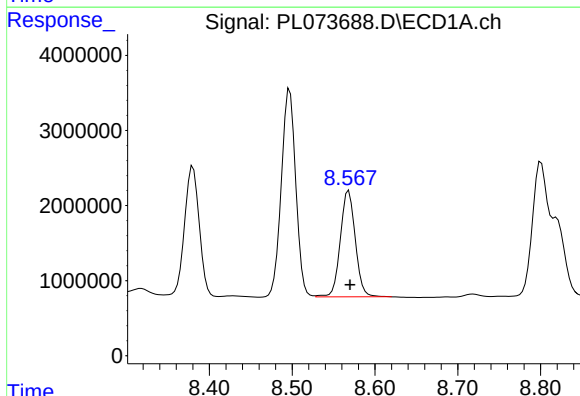
R.T.: 8.497 min  
Delta R.T.: -0.002 min  
Response: 33615760  
Conc: 88.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



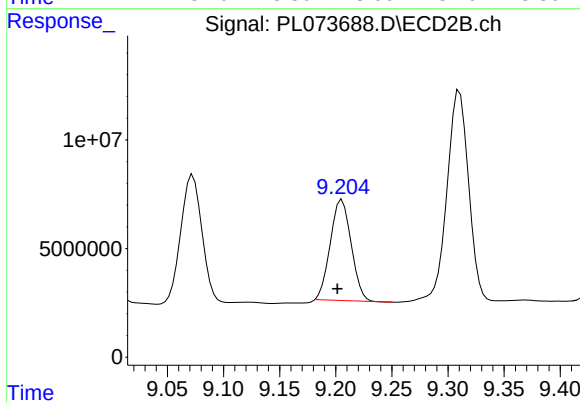
#17 4,4'-DDT

R.T.: 9.310 min  
Delta R.T.: 0.004 min  
Response: 129664097  
Conc: 79.33 ng/ml



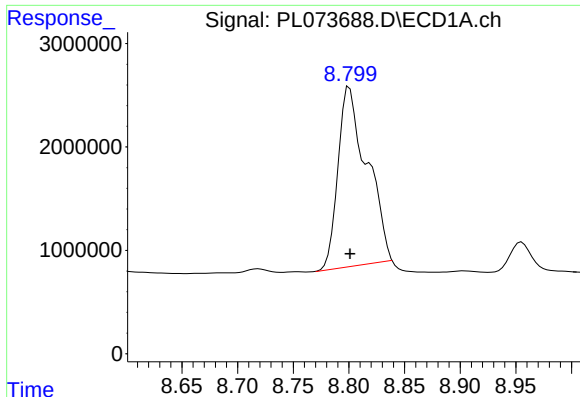
#18 Endrin aldehyde

R.T.: 8.568 min  
Delta R.T.: -0.002 min  
Response: 17799245  
Conc: 56.28 ng/ml



#18 Endrin aldehyde

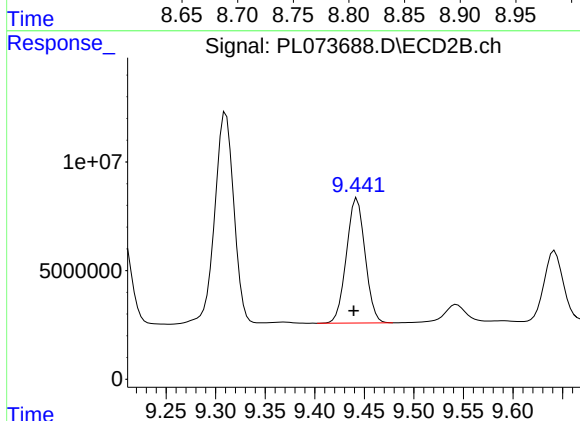
R.T.: 9.206 min  
Delta R.T.: 0.004 min  
Response: 60009488  
Conc: 48.93 ng/ml



#19 Endosulfan Sulfate

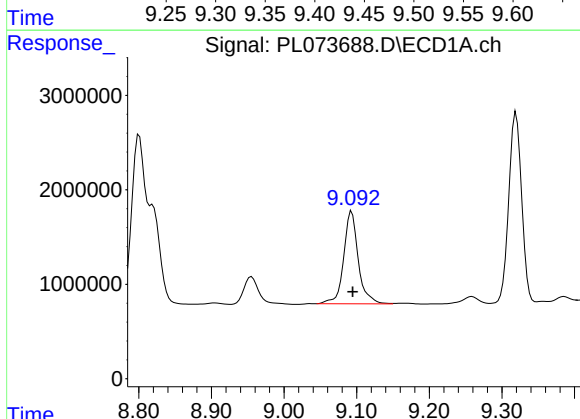
R.T.: 8.801 min  
Delta R.T.: 0.000 min  
Response: 31545585  
Conc: 74.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



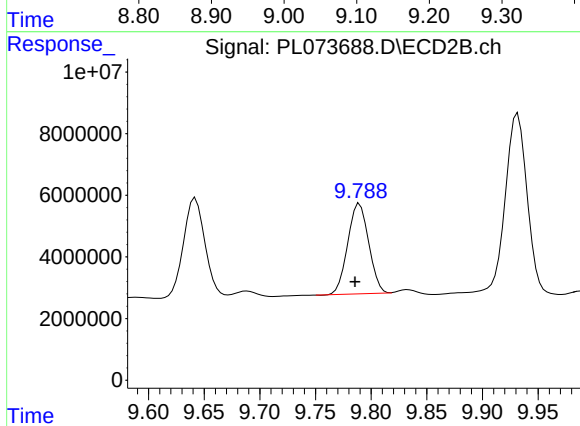
#19 Endosulfan Sulfate

R.T.: 9.443 min  
Delta R.T.: 0.003 min  
Response: 75313439  
Conc: 47.79 ng/ml



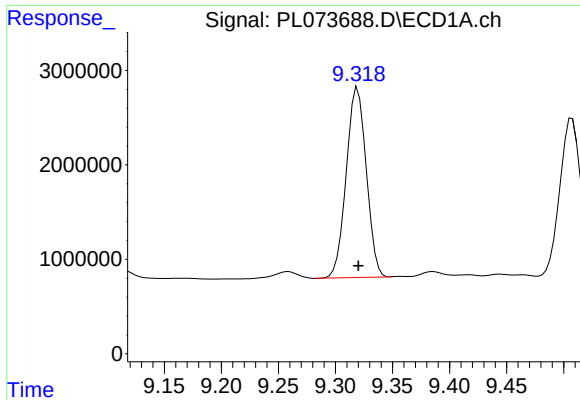
#20 Methoxychlor

R.T.: 9.093 min  
Delta R.T.: -0.001 min  
Response: 13709523  
Conc: 53.44 ng/ml



#20 Methoxychlor

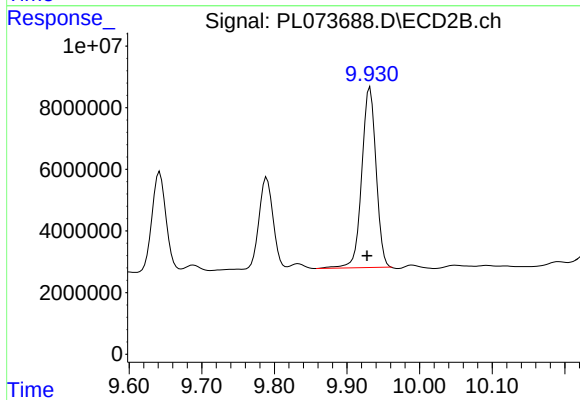
R.T.: 9.790 min  
Delta R.T.: 0.004 min  
Response: 38407936  
Conc: 42.62 ng/ml



#21 Endrin ketone

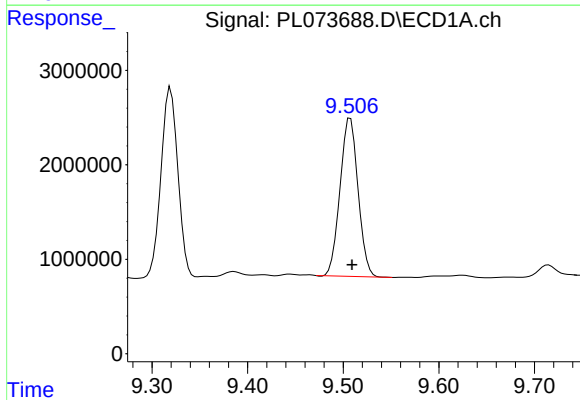
R.T.: 9.319 min  
Delta R.T.: 0.000 min  
Response: 24580124  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



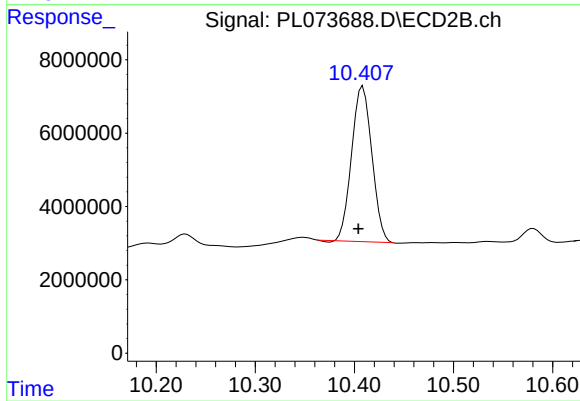
#21 Endrin ketone

R.T.: 9.932 min  
Delta R.T.: 0.004 min  
Response: 79788765  
Conc: 48.34 ng/ml



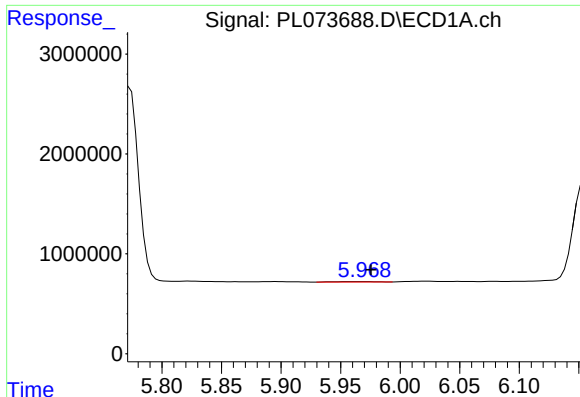
#22 Mirex

R.T.: 9.507 min  
Delta R.T.: -0.002 min  
Response: 21940147  
Conc: 46.53 ng/ml



#22 Mirex

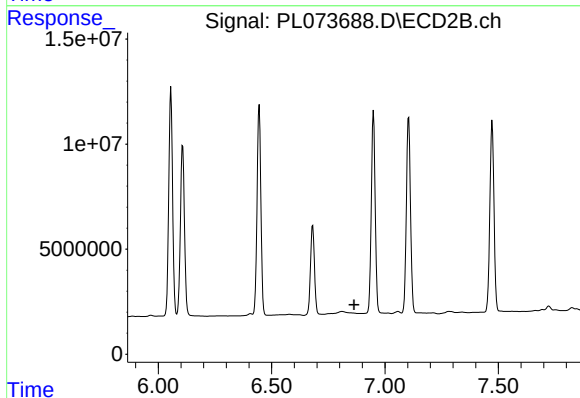
R.T.: 10.409 min  
Delta R.T.: 0.004 min  
Response: 60122675  
Conc: 44.26 ng/ml



#23 Chlordane-1

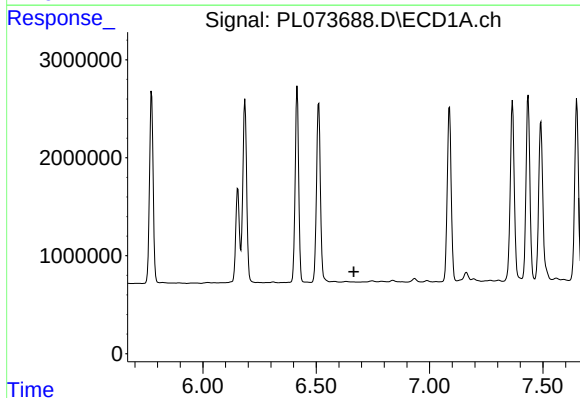
R.T.: 5.969 min  
Delta R.T.: -0.006 min  
Response: 96396  
Conc: 8.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



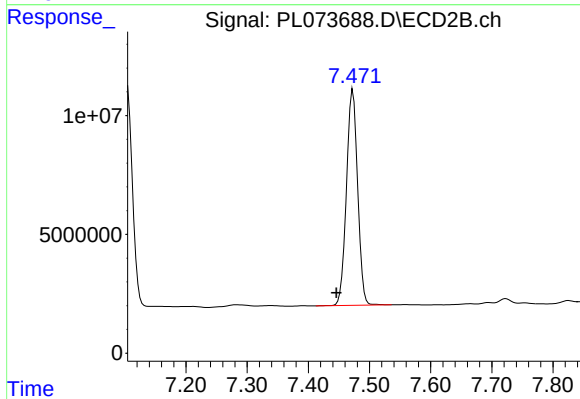
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 6.863 min  
Response: 0  
Conc: N.D.



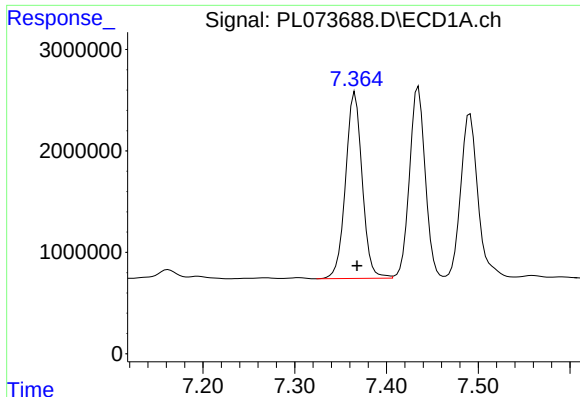
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 6.665 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

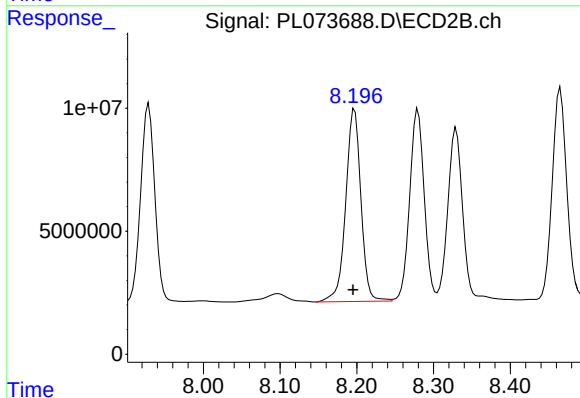
R.T.: 7.473 min  
Delta R.T.: 0.027 min  
Response: 115290658  
Conc: 1604.07 ng/ml



#25 Chlordane-3

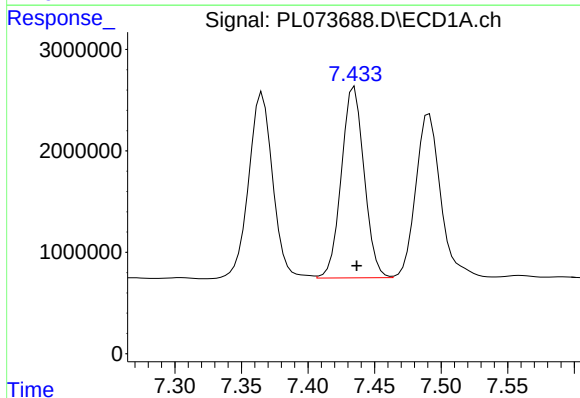
R.T.: 7.366 min  
Delta R.T.: -0.002 min  
Response: 23057592  
Conc: 564.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



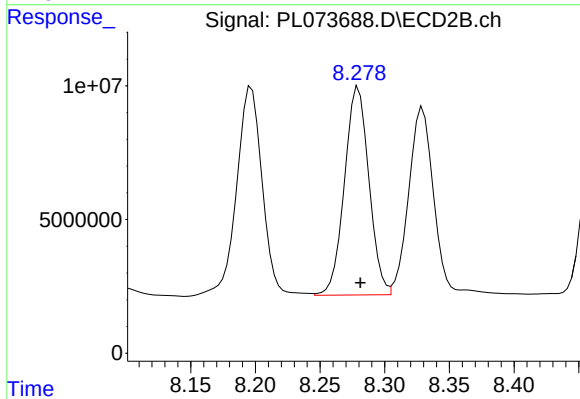
#25 Chlordane-3

R.T.: 8.197 min  
Delta R.T.: 0.002 min  
Response: 108455214  
Conc: 400.01 ng/ml



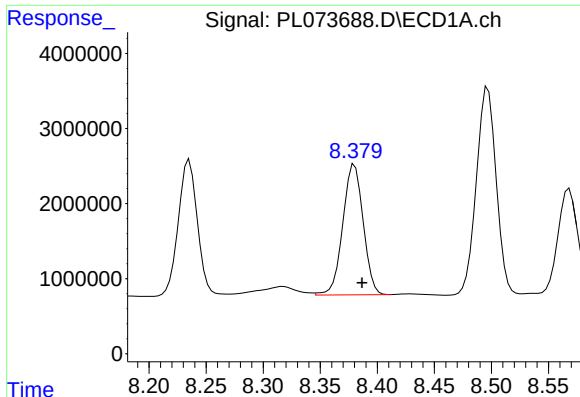
#26 Chlordane-4

R.T.: 7.435 min  
Delta R.T.: -0.002 min  
Response: 22415137  
Conc: 505.75 ng/ml



#26 Chlordane-4

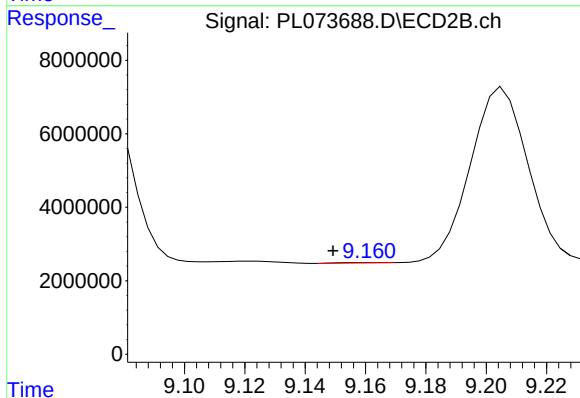
R.T.: 8.280 min  
Delta R.T.: -0.002 min  
Response: 102384967  
Conc: 309.08 ng/ml



#27 Chlordane-5

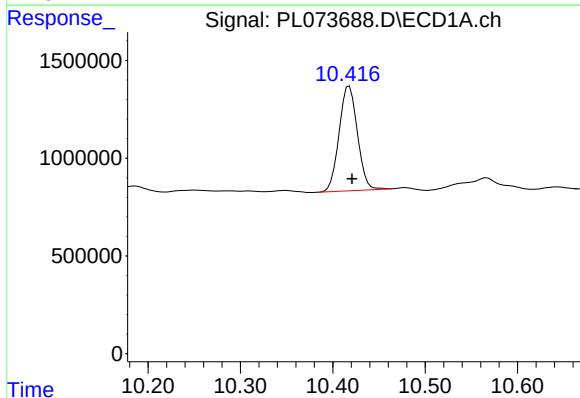
R.T.: 8.380 min  
Delta R.T.: -0.006 min  
Response: 21636302  
Conc: 1321.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



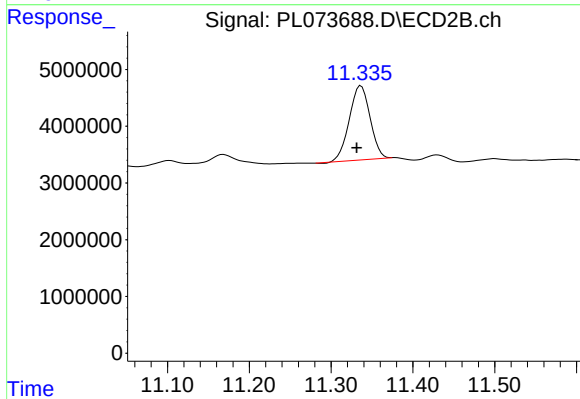
#27 Chlordane-5

R.T.: 9.162 min  
Delta R.T.: 0.012 min  
Response: 80474  
Conc: 1.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.418 min  
Delta R.T.: -0.003 min  
Response: 7387158  
Conc: 14.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.337 min  
Delta R.T.: 0.005 min  
Response: 23080811  
Conc: 12.91 ng/ml