

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031422\  
 Data File : PL073348.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2022 20:01  
 Operator : AR\AJ  
 Sample : PB143347BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 05:07:14 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... | 4.643  | 5.489  | 5913031  | 30412208 | 18.462   | 18.530     |
| 28)                         | SA Decachlor... | 10.417 | 11.328 | 10276451 | 36368888 | 20.209   | 20.339     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.351  | 6.052  | 19187391 | 107.5E6  | 46.548   | 47.767     |
| 3)                          | MA gamma-BHC... | 5.775  | 6.441  | 19143688 | 100.7E6  | 45.893   | 47.173     |
| 4)                          | MA Heptachlor   | 6.186  | 7.100  | 20799473 | 110.1E6  | 46.098   | 46.978     |
| 5)                          | MB Aldrin       | 6.512  | 7.468  | 20111906 | 104.3E6  | 48.677   | 49.791     |
| 6)                          | B beta-BHC      | 6.155  | 6.677  | 9185534  | 45102884 | 44.613   | 43.269     |
| 7)                          | B delta-BHC     | 6.416  | 6.945  | 18831799 | 102.6E6  | 46.886   | 47.649     |
| 8)                          | B Heptachlo...  | 7.088  | 7.924  | 20446062 | 95803179 | 47.441   | 47.966     |
| 9)                          | A Endosulfan I  | 7.491  | 8.324  | 19247469 | 86553058 | 46.920   | 47.416     |
| 10)                         | B gamma-Chl...  | 7.366  | 8.193  | 20845625 | 98833302 | 47.669   | 48.391     |
| 11)                         | B alpha-Chl...  | 7.436  | 8.275  | 21036289 | 96653016 | 47.601   | 48.326     |
| 12)                         | B 4,4'-DDE      | 7.650  | 8.459  | 17251283 | 87983467 | 48.075   | 49.088     |
| 13)                         | MA Dieldrin     | 7.778  | 8.609  | 20640144 | 93163905 | 49.541   | 50.503     |
| 14)                         | MA Endrin       | 8.069  | 8.844  | 19128758 | 76896929 | 49.300   | 49.952     |
| 15)                         | B Endosulfa...  | 8.379  | 9.067  | 19863670 | 78503686 | 50.818   | 51.115     |
| 16)                         | A 4,4'-DDD      | 8.235  | 8.986  | 15697215 | 71032784 | 48.338   | 48.662     |
| 17)                         | MA 4,4'-DDT     | 8.496  | 9.304  | 18111730 | 77947978 | 47.891   | 47.688     |
| 18)                         | B Endrin al...  | 8.568  | 9.199  | 16479819 | 52133470 | 52.110   | 42.512     |
| 19)                         | B Endosulfa...  | 8.799  | 9.437  | 20331375 | 76987971 | 48.130   | 48.848     |
| 20)                         | A Methoxychlor  | 9.092  | 9.784  | 12320308 | 43807514 | 48.026   | 48.617     |
| 21)                         | B Endrin ke...  | 9.317  | 9.925  | 24324071 | 82065647 | 49.720   | 49.719     |
| 22)                         | Mirex           | 9.506  | 10.402 | 24826721 | 73673120 | 52.648   | 54.233     |
| 23)                         | Chlordane-1     | 0.000  | 6.847f | 0        | 486474   | N.D.     | 7.121 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.468f | 0        | 104.3E6  | N.D.     | 1451.322 # |
| 25)                         | Chlordane-3     | 7.366  | 8.193  | 20845625 | 98833302 | 510.495  | 364.521 #  |
| 26)                         | Chlordane-4     | 7.436  | 8.275  | 21036289 | 96653016 | 474.637  | 291.780 #  |
| 27)                         | Chlordane-5     | 8.379  | 0.000  | 19863670 | 0        | 1213.027 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

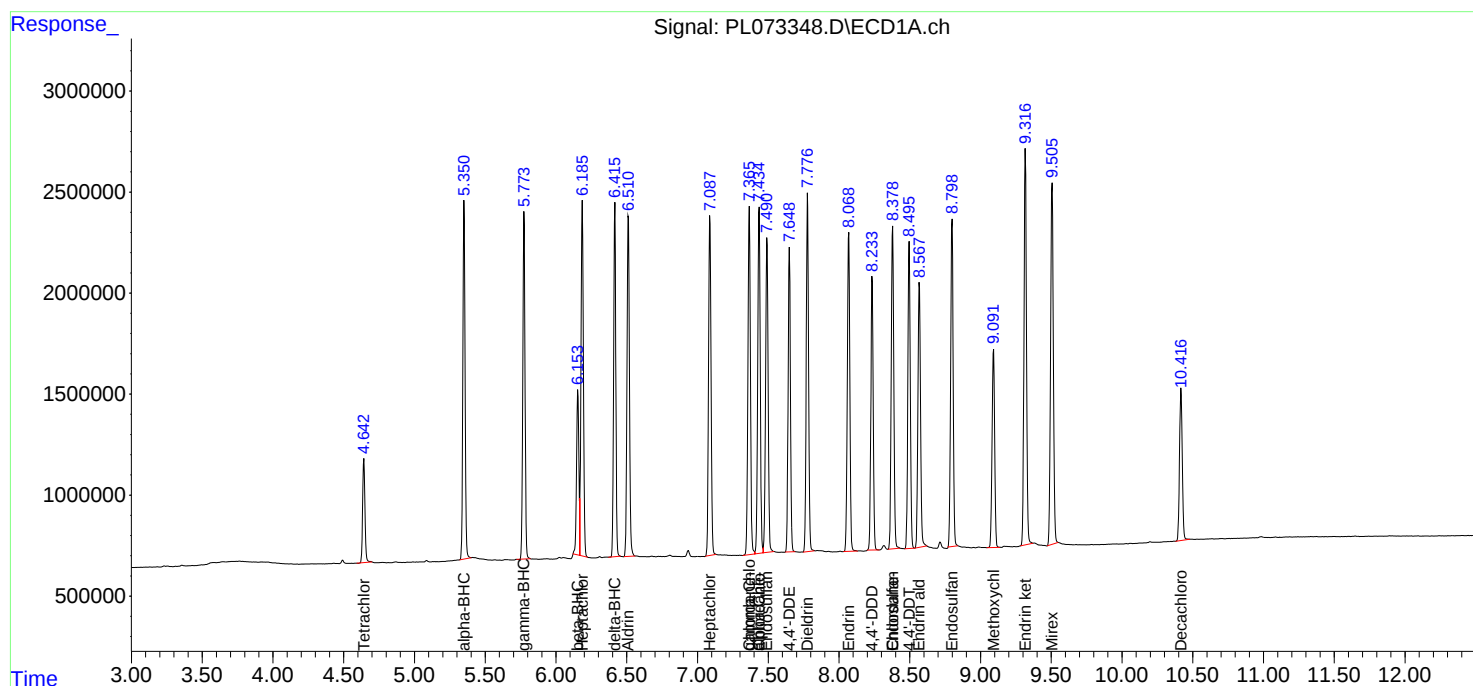
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

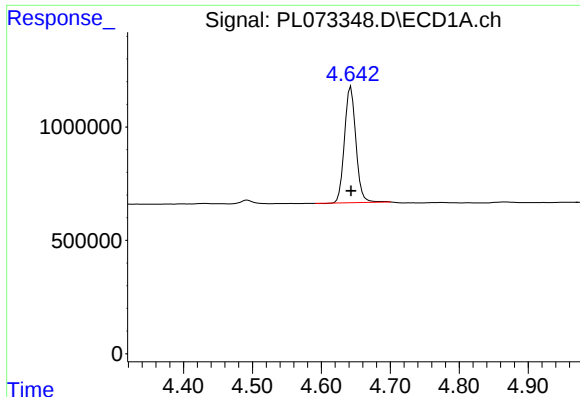
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031422\  
Data File : PL073348.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2022 20:01  
Operator : AR\AJ  
Sample : PB143347BS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 05:07:14 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

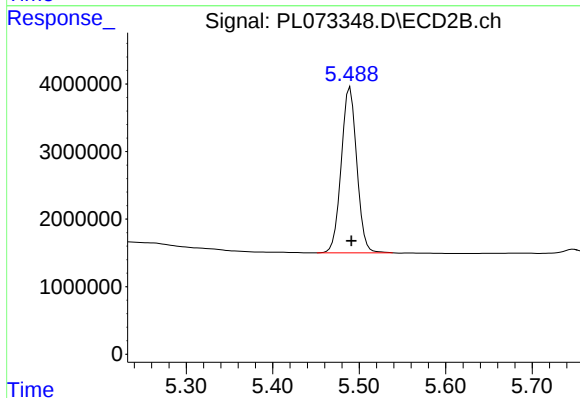




#1 Tetrachloro-m-xylene

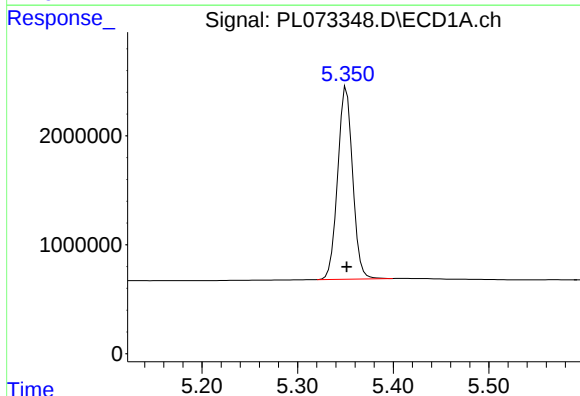
R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 5913031  
Conc: 18.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



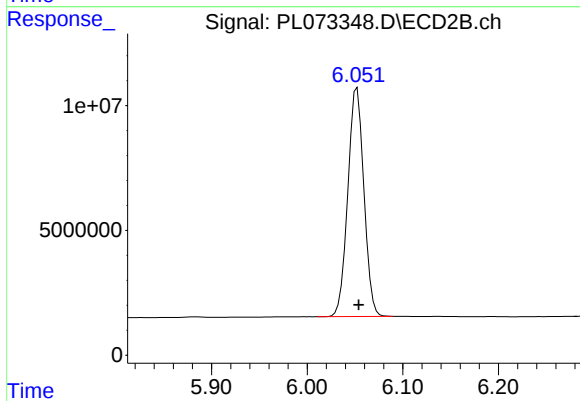
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 30412208  
Conc: 18.53 ng/ml



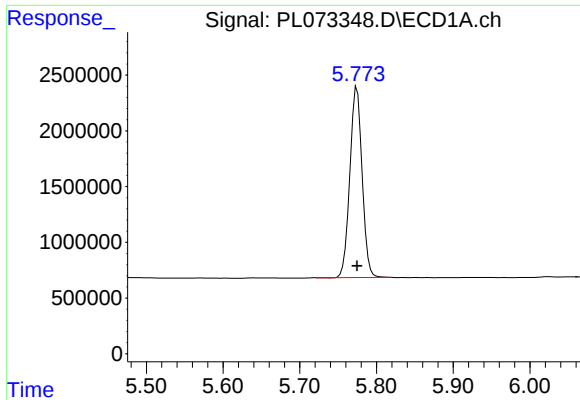
#2 alpha-BHC

R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 19187391  
Conc: 46.55 ng/ml



#2 alpha-BHC

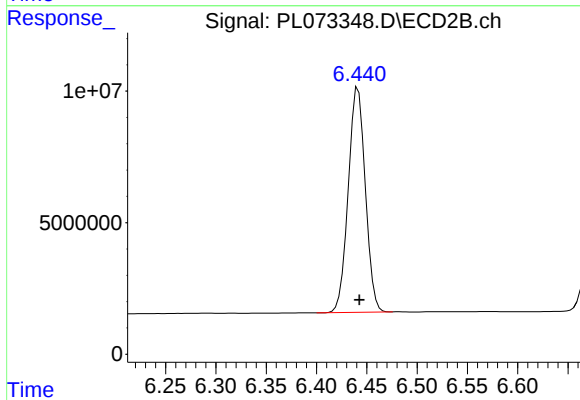
R.T.: 6.052 min  
Delta R.T.: -0.002 min  
Response: 107459774  
Conc: 47.77 ng/ml



#3 gamma-BHC (Lindane)

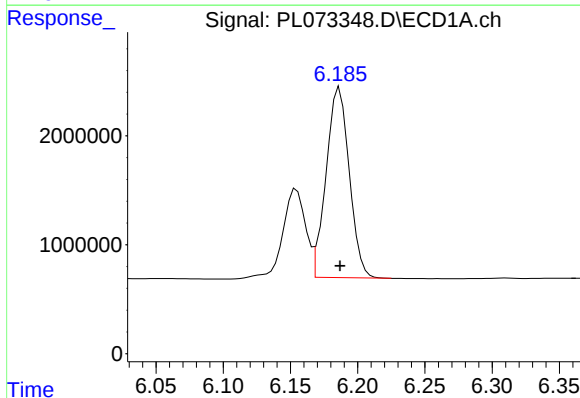
R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 19143688  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



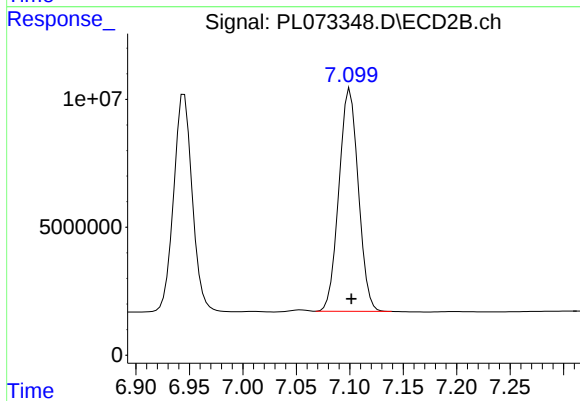
#3 gamma-BHC (Lindane)

R.T.: 6.441 min  
Delta R.T.: -0.001 min  
Response: 100717753  
Conc: 47.17 ng/ml



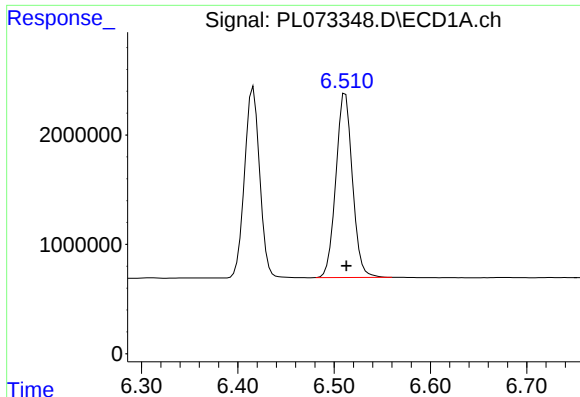
#4 Heptachlor

R.T.: 6.186 min  
Delta R.T.: 0.000 min  
Response: 20799473  
Conc: 46.10 ng/ml



#4 Heptachlor

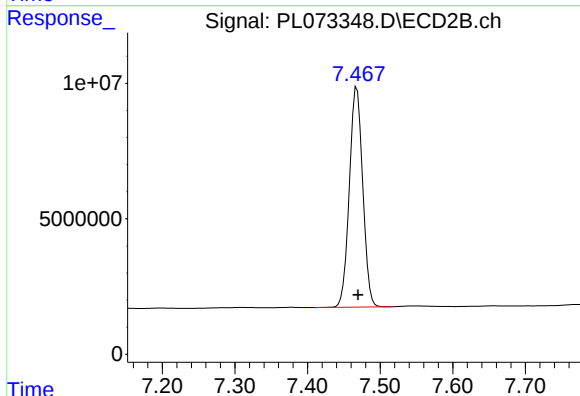
R.T.: 7.100 min  
Delta R.T.: -0.001 min  
Response: 110073426  
Conc: 46.98 ng/ml



#5 Aldrin

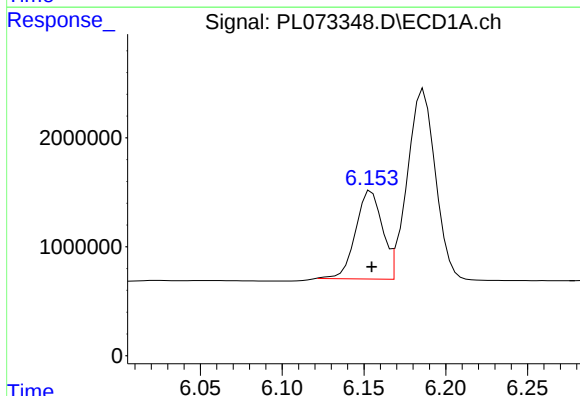
R.T.: 6.512 min  
Delta R.T.: 0.000 min  
Response: 20111906  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



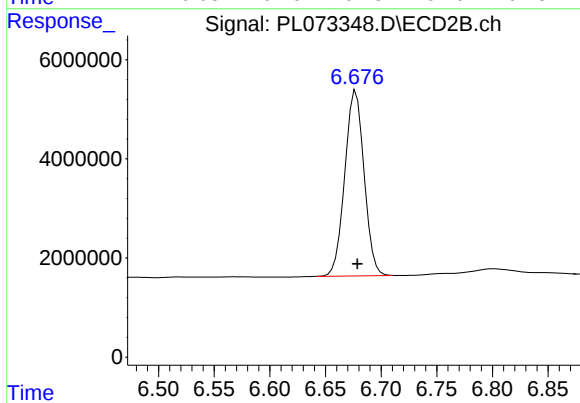
#5 Aldrin

R.T.: 7.468 min  
Delta R.T.: -0.002 min  
Response: 104311893  
Conc: 49.79 ng/ml



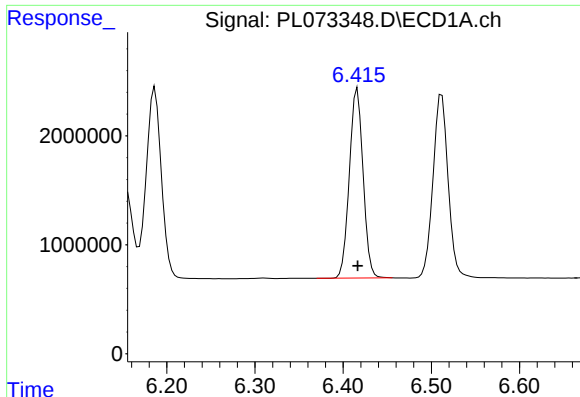
#6 beta-BHC

R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 9185534  
Conc: 44.61 ng/ml



#6 beta-BHC

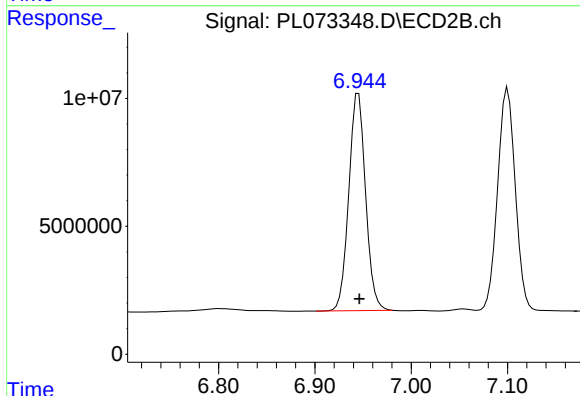
R.T.: 6.677 min  
Delta R.T.: -0.001 min  
Response: 45102884  
Conc: 43.27 ng/ml



#7 delta-BHC

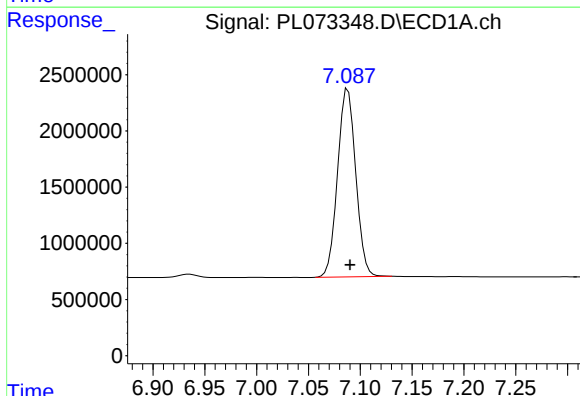
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 18831799  
Conc: 46.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



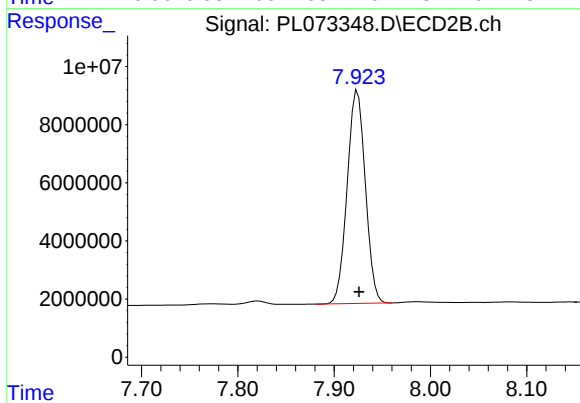
#7 delta-BHC

R.T.: 6.945 min  
Delta R.T.: -0.001 min  
Response: 102616120  
Conc: 47.65 ng/ml



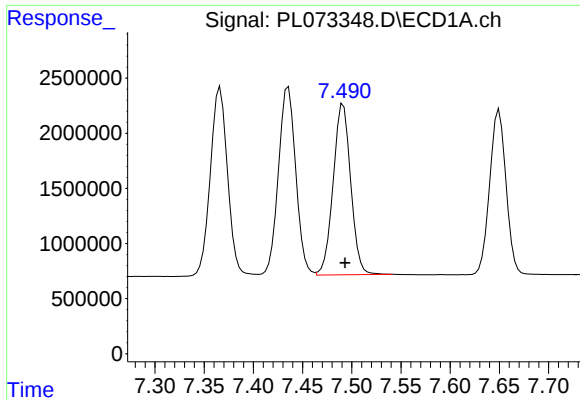
#8 Heptachlor epoxide

R.T.: 7.088 min  
Delta R.T.: -0.002 min  
Response: 20446062  
Conc: 47.44 ng/ml



#8 Heptachlor epoxide

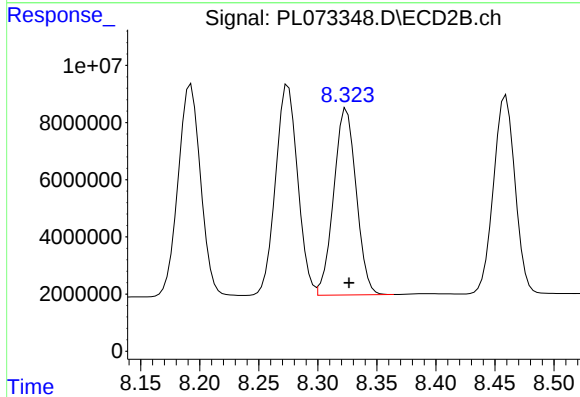
R.T.: 7.924 min  
Delta R.T.: -0.002 min  
Response: 95803179  
Conc: 47.97 ng/ml



#9 Endosulfan I

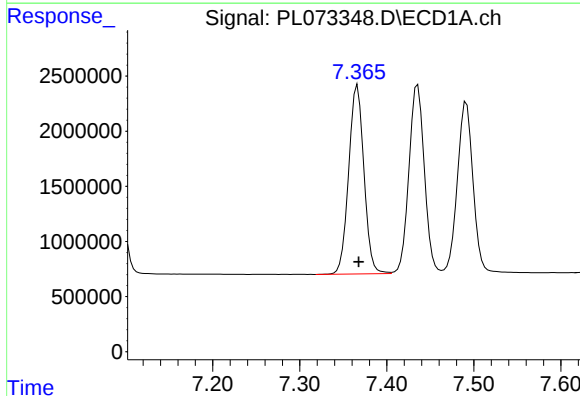
R.T.: 7.491 min  
Delta R.T.: -0.002 min  
Response: 19247469  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



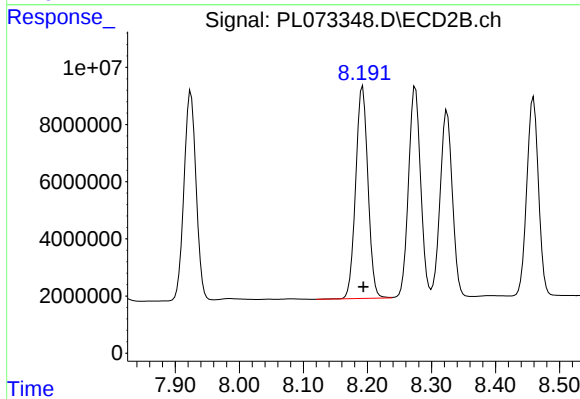
#9 Endosulfan I

R.T.: 8.324 min  
Delta R.T.: -0.002 min  
Response: 86553058  
Conc: 47.42 ng/ml



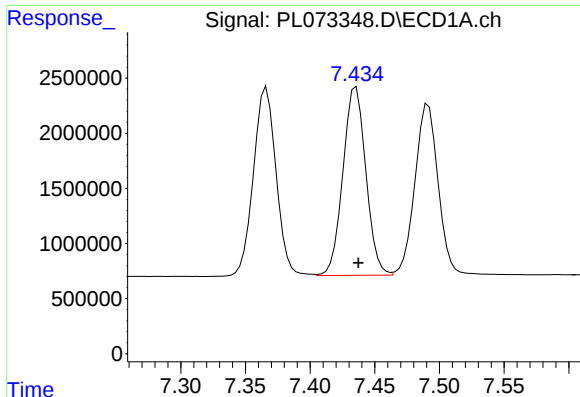
#10 gamma-Chlordane

R.T.: 7.366 min  
Delta R.T.: -0.001 min  
Response: 20845625  
Conc: 47.67 ng/ml



#10 gamma-Chlordane

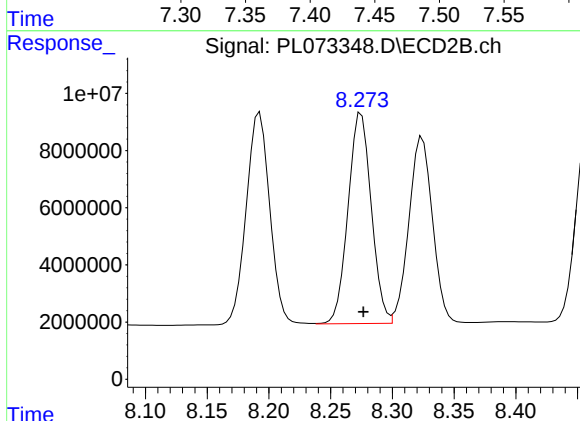
R.T.: 8.193 min  
Delta R.T.: -0.001 min  
Response: 98833302  
Conc: 48.39 ng/ml



#11 alpha-Chlordane

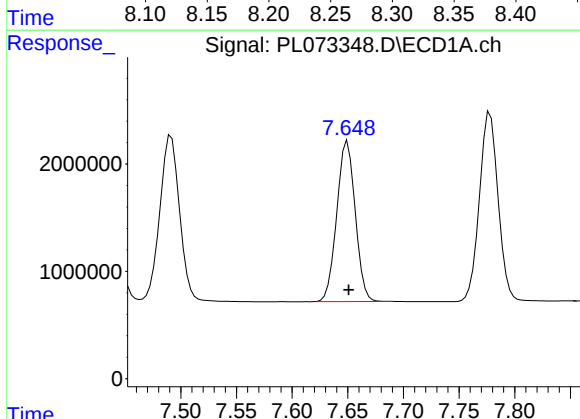
R.T.: 7.436 min  
Delta R.T.: -0.002 min  
Response: 21036289  
Conc: 47.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



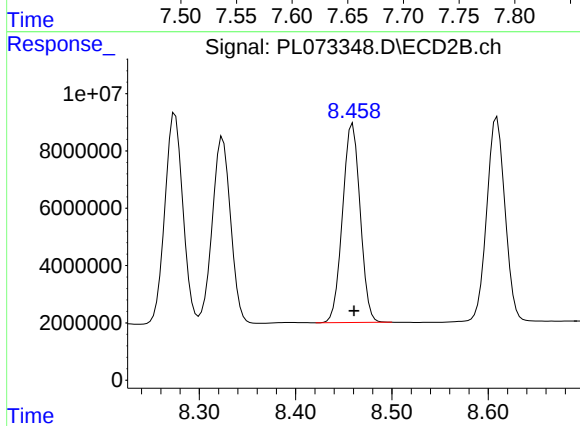
#11 alpha-Chlordane

R.T.: 8.275 min  
Delta R.T.: -0.002 min  
Response: 96653016  
Conc: 48.33 ng/ml



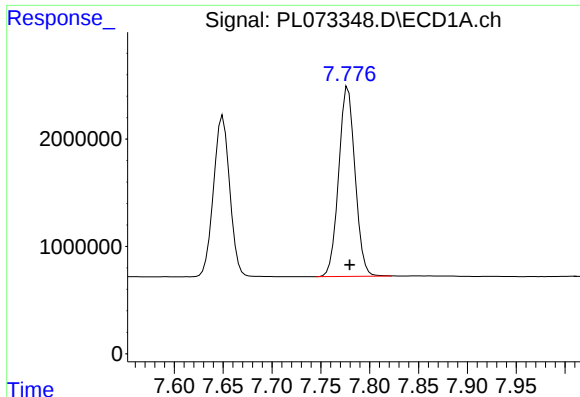
#12 4,4'-DDE

R.T.: 7.650 min  
Delta R.T.: -0.001 min  
Response: 17251283  
Conc: 48.08 ng/ml



#12 4,4'-DDE

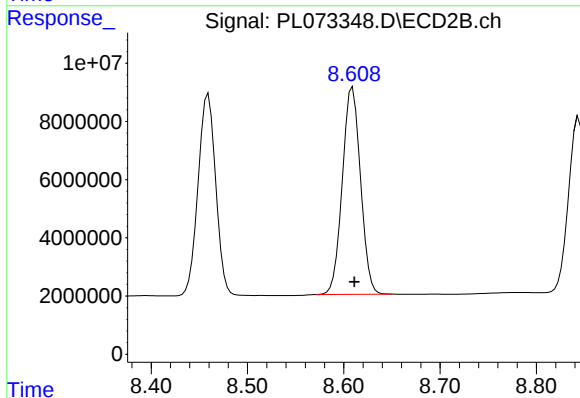
R.T.: 8.459 min  
Delta R.T.: -0.002 min  
Response: 87983467  
Conc: 49.09 ng/ml



#13 Dieldrin

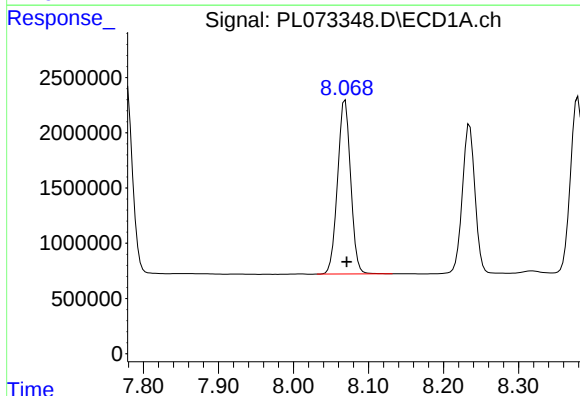
R.T.: 7.778 min  
Delta R.T.: -0.002 min  
Response: 20640144  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



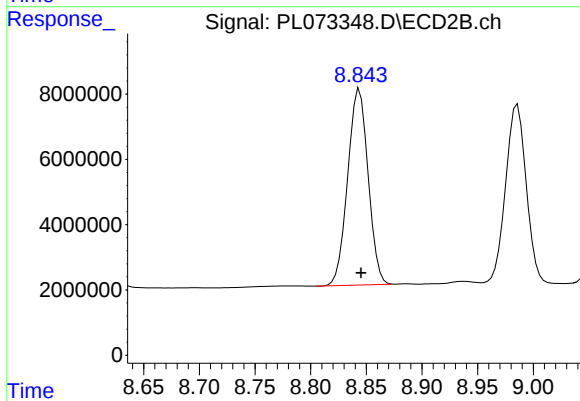
#13 Dieldrin

R.T.: 8.609 min  
Delta R.T.: -0.002 min  
Response: 93163905  
Conc: 50.50 ng/ml



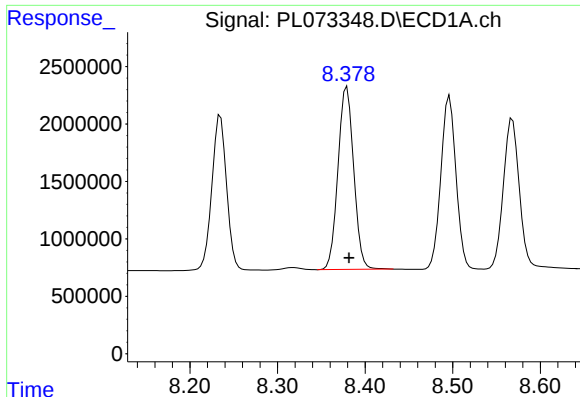
#14 Endrin

R.T.: 8.069 min  
Delta R.T.: -0.002 min  
Response: 19128758  
Conc: 49.30 ng/ml



#14 Endrin

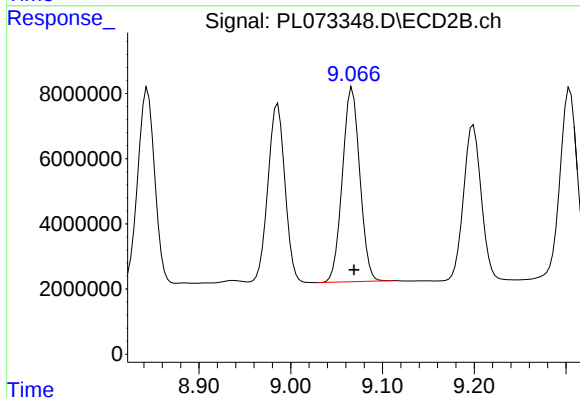
R.T.: 8.844 min  
Delta R.T.: -0.001 min  
Response: 76896929  
Conc: 49.95 ng/ml



#15 Endosulfan II

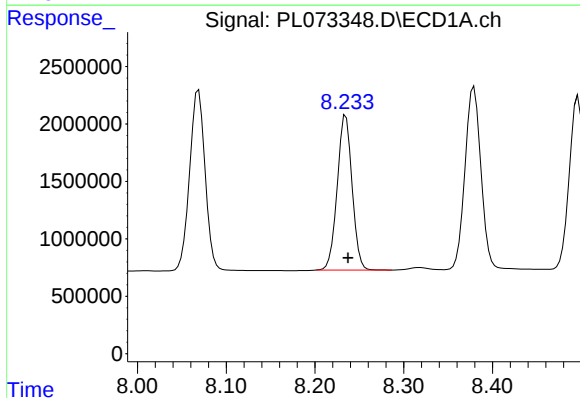
R.T.: 8.379 min  
Delta R.T.: -0.002 min  
Response: 19863670  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



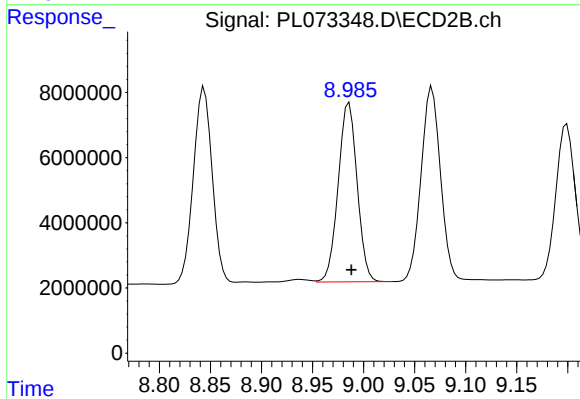
#15 Endosulfan II

R.T.: 9.067 min  
Delta R.T.: -0.002 min  
Response: 78503686  
Conc: 51.11 ng/ml



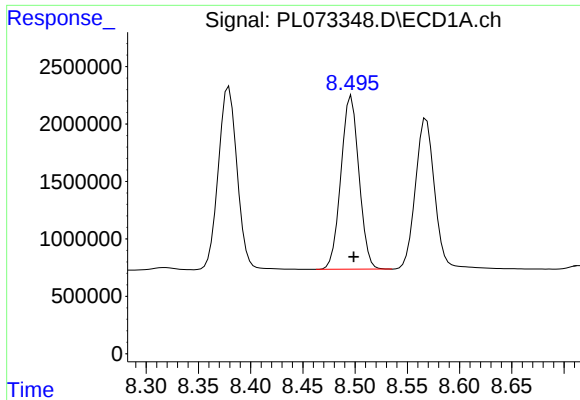
#16 4,4'-DDD

R.T.: 8.235 min  
Delta R.T.: -0.002 min  
Response: 15697215  
Conc: 48.34 ng/ml



#16 4,4'-DDD

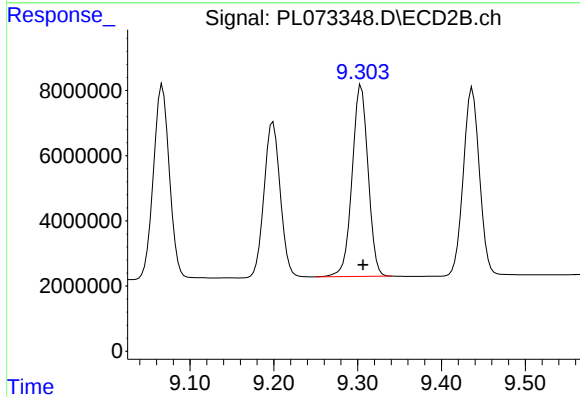
R.T.: 8.986 min  
Delta R.T.: -0.002 min  
Response: 71032784  
Conc: 48.66 ng/ml



#17 4,4'-DDT

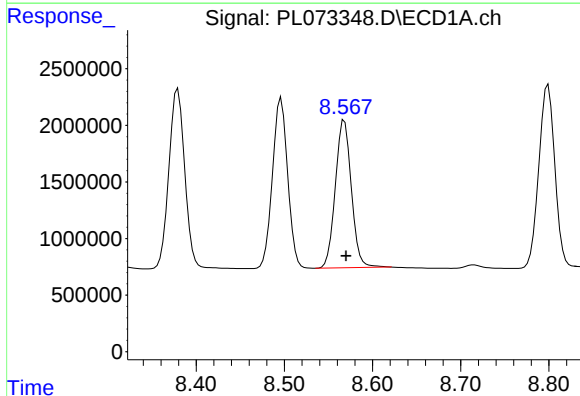
R.T.: 8.496 min  
Delta R.T.: -0.002 min  
Response: 18111730  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



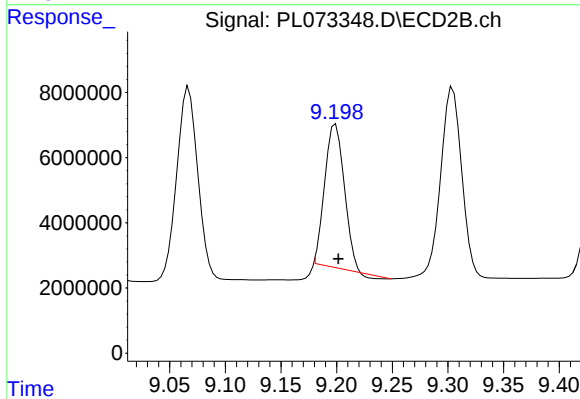
#17 4,4'-DDT

R.T.: 9.304 min  
Delta R.T.: -0.002 min  
Response: 77947978  
Conc: 47.69 ng/ml



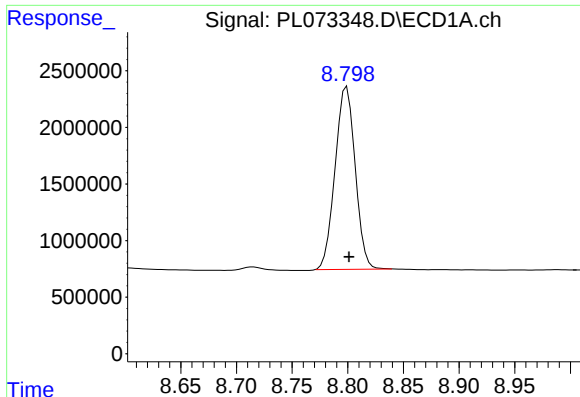
#18 Endrin aldehyde

R.T.: 8.568 min  
Delta R.T.: -0.002 min  
Response: 16479819  
Conc: 52.11 ng/ml



#18 Endrin aldehyde

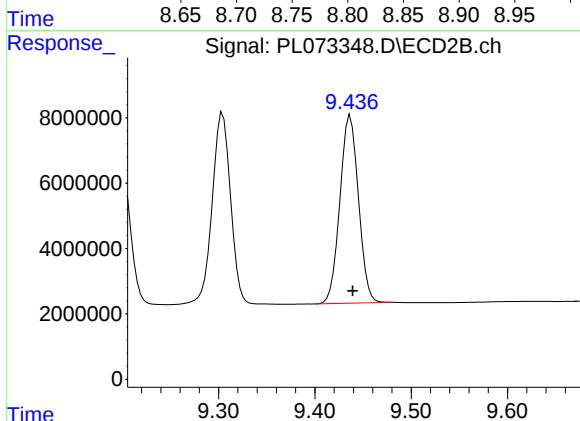
R.T.: 9.199 min  
Delta R.T.: -0.002 min  
Response: 52133470  
Conc: 42.51 ng/ml



#19 Endosulfan Sulfate

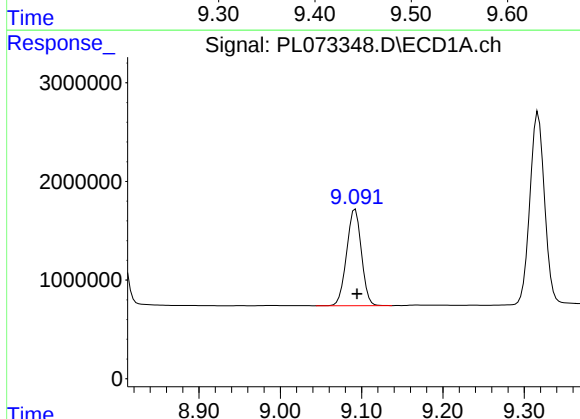
R.T.: 8.799 min  
Delta R.T.: -0.002 min  
Response: 20331375  
Conc: 48.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



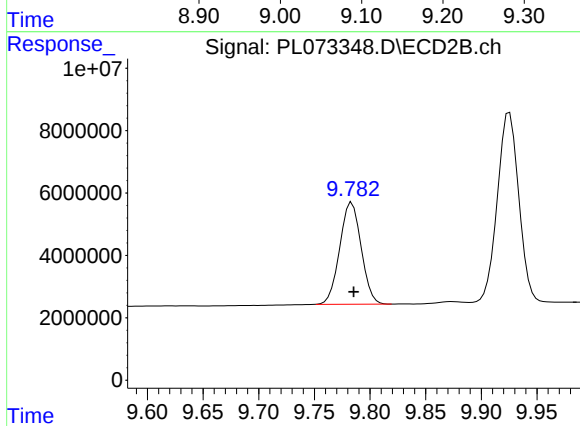
#19 Endosulfan Sulfate

R.T.: 9.437 min  
Delta R.T.: -0.002 min  
Response: 76987971  
Conc: 48.85 ng/ml



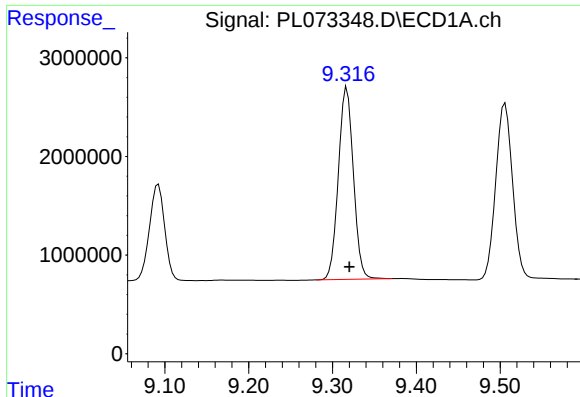
#20 Methoxychlor

R.T.: 9.092 min  
Delta R.T.: -0.002 min  
Response: 12320308  
Conc: 48.03 ng/ml



#20 Methoxychlor

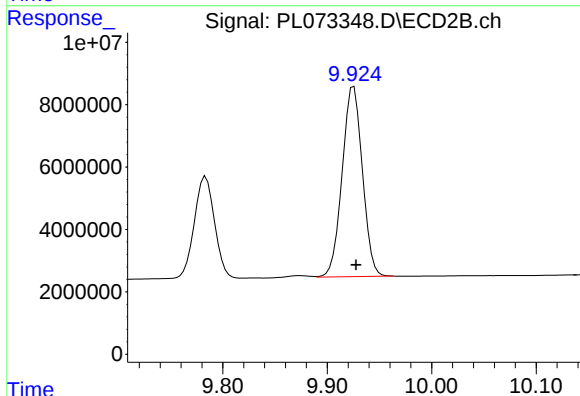
R.T.: 9.784 min  
Delta R.T.: -0.002 min  
Response: 43807514  
Conc: 48.62 ng/ml



#21 Endrin ketone

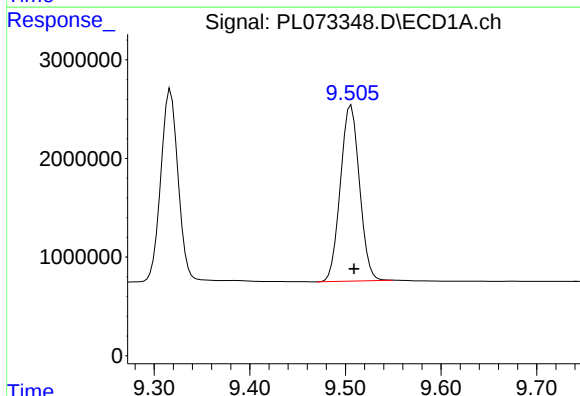
R.T.: 9.317 min  
Delta R.T.: -0.003 min  
Response: 24324071  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



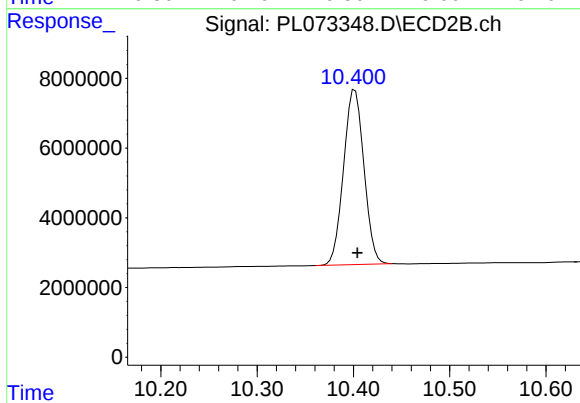
#21 Endrin ketone

R.T.: 9.925 min  
Delta R.T.: -0.002 min  
Response: 82065647  
Conc: 49.72 ng/ml



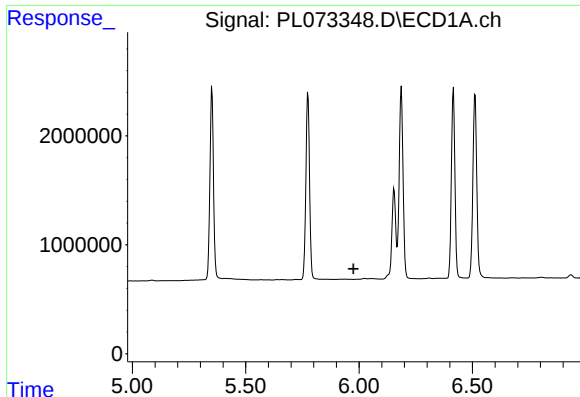
#22 Mirex

R.T.: 9.506 min  
Delta R.T.: -0.003 min  
Response: 24826721  
Conc: 52.65 ng/ml



#22 Mirex

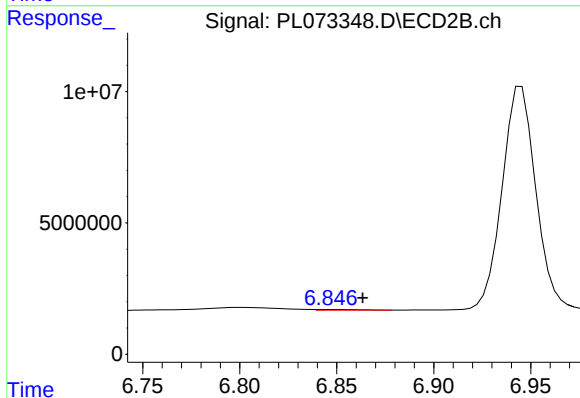
R.T.: 10.402 min  
Delta R.T.: -0.003 min  
Response: 73673120  
Conc: 54.23 ng/ml



#23 Chlordane-1

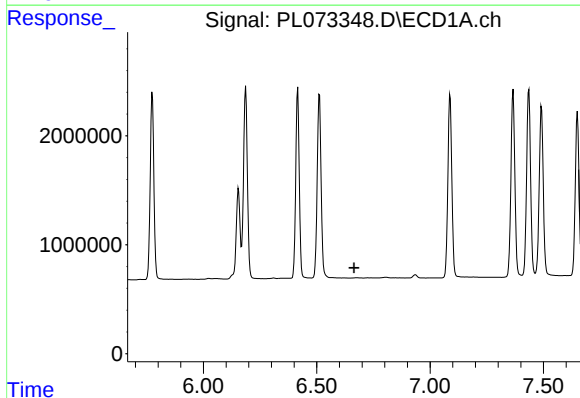
R.T.: 0.000 min  
Exp R.T.: 5.976 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



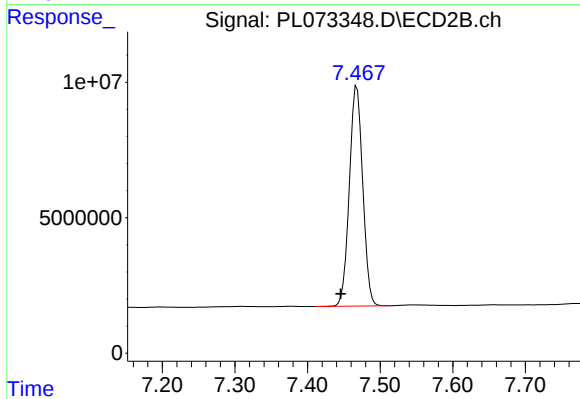
#23 Chlordane-1

R.T.: 6.847 min  
Delta R.T.: -0.016 min  
Response: 486474  
Conc: 7.12 ng/ml



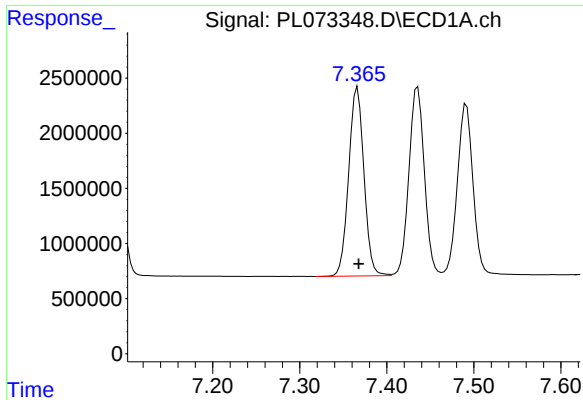
#24 Chlordane-2

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



#24 Chlordane-2

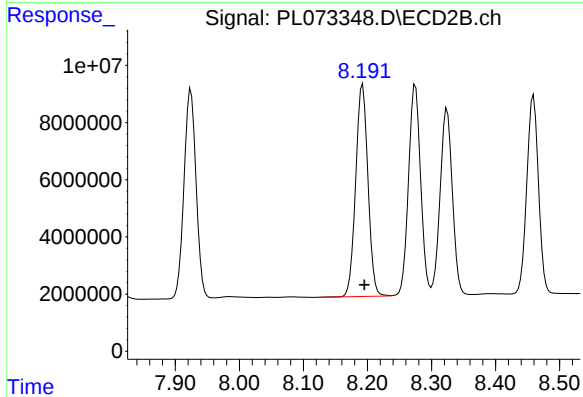
R.T.: 7.468 min  
Delta R.T.: 0.022 min  
Response: 104311893  
Conc: 1451.32 ng/ml



#25 Chlordane-3

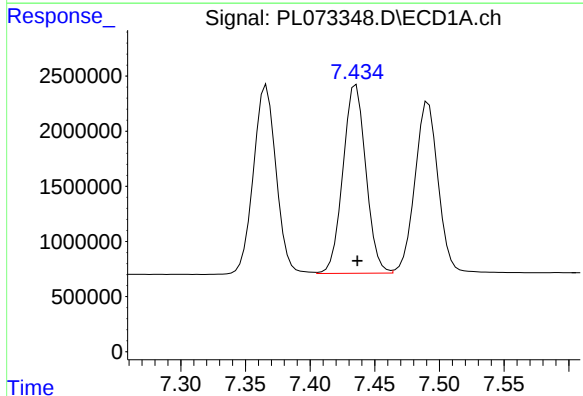
R.T.: 7.366 min  
Delta R.T.: -0.002 min  
Response: 20845625  
Conc: 510.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



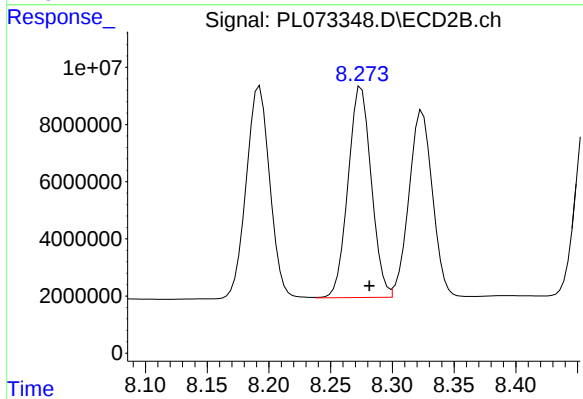
#25 Chlordane-3

R.T.: 8.193 min  
Delta R.T.: -0.003 min  
Response: 98833302  
Conc: 364.52 ng/ml



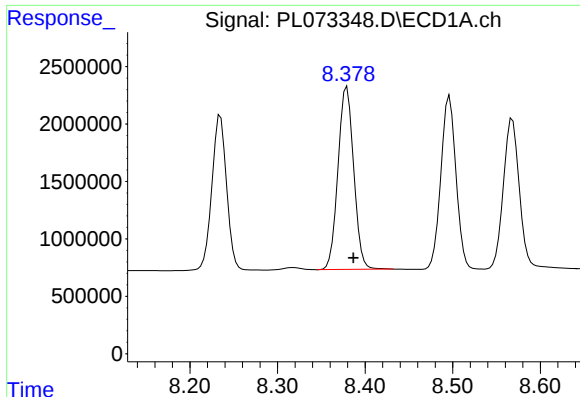
#26 Chlordane-4

R.T.: 7.436 min  
Delta R.T.: -0.001 min  
Response: 21036289  
Conc: 474.64 ng/ml



#26 Chlordane-4

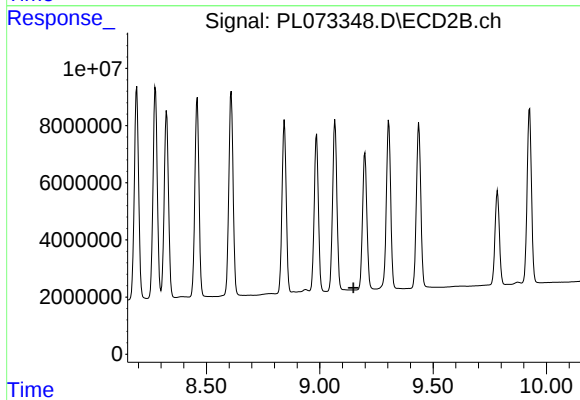
R.T.: 8.275 min  
Delta R.T.: -0.006 min  
Response: 96653016  
Conc: 291.78 ng/ml



#27 Chlordane-5

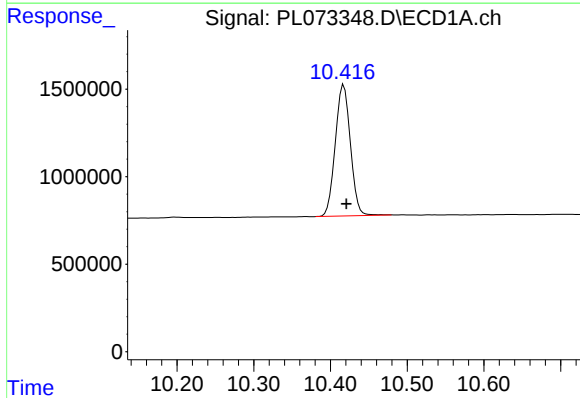
R.T.: 8.379 min  
Delta R.T.: -0.007 min  
Response: 19863670  
Conc: 1213.03 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



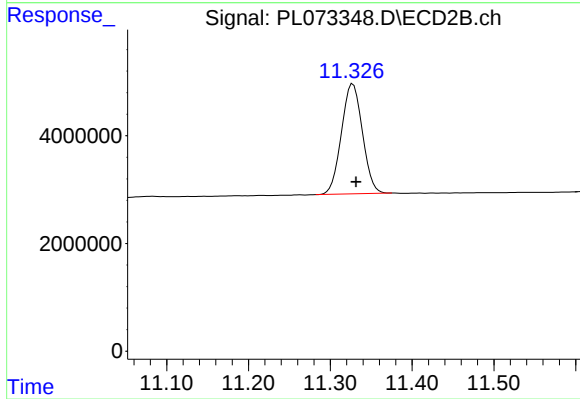
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.149 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.417 min  
Delta R.T.: -0.004 min  
Response: 10276451  
Conc: 20.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.328 min  
Delta R.T.: -0.004 min  
Response: 36368888  
Conc: 20.34 ng/ml