

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020222\  
 Data File : PL072419.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2022 17:22  
 Operator : AR\AJ  
 Sample : PB142436BS  
 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: Feb 03 00:36:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 18 10:53:59 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... | 4.554  | 5.489  | 10362719 | 33693876 | 18.665   | 20.746     |
| 28)                         | SA Decachlor... | 10.314 | 11.381 | 15680480 | 27939475 | 17.650   | 17.316     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.260  | 6.071  | 37640669 | 126.5E6  | 48.680   | 52.422     |
| 3)                          | MA gamma-BHC... | 5.684  | 6.467  | 36942091 | 116.5E6  | 48.993   | 51.789     |
| 4)                          | MA Heptachlor   | 6.089  | 7.113  | 57748167 | 118.9E6  | 66.939   | 51.290     |
| 5)                          | MB Aldrin       | 6.413  | 7.482  | 38669670 | 112.9E6  | 48.971   | 51.069     |
| 6)                          | B beta-BHC      | 6.089  | 6.728  | 57748167 | 50567301 | 174.696  | 51.072 #   |
| 7)                          | B delta-BHC     | 6.327  | 6.993  | 38588758 | 119.4E6  | 48.714   | 48.537     |
| 8)                          | B Heptachlo...  | 6.991  | 7.950  | 37309412 | 99453826 | 49.012   | 49.670     |
| 9)                          | A Endosulfan I  | 7.393  | 8.355  | 34875535 | 88470575 | 49.071   | 48.877     |
| 10)                         | B gamma-Chl...  | 7.268  | 8.221  | 38052388 | 99394657 | 48.430   | 49.185     |
| 11)                         | B alpha-Chl...  | 7.337  | 8.301  | 37972861 | 97110253 | 48.404   | 48.976     |
| 12)                         | B 4,4'-DDE      | 7.552  | 8.491  | 36550756 | 94367845 | 50.625   | 49.897     |
| 13)                         | MA Dieldrin     | 7.679  | 8.644  | 37162648 | 94713553 | 49.052   | 48.210     |
| 14)                         | MA Endrin       | 7.970  | 8.884  | 34150693 | 77397203 | 48.740   | 46.681     |
| 15)                         | B Endosulfa...  | 8.283  | 9.119  | 33941302 | 78784565 | 45.649   | 45.941     |
| 16)                         | A 4,4'-DDD      | 8.139  | 9.031  | 29296389 | 70003553 | 49.975   | 48.961     |
| 17)                         | MA 4,4'-DDT     | 8.399  | 9.348  | 31330156 | 71011708 | 47.179   | 44.929     |
| 18)                         | B Endrin al...  | 8.471  | 9.255  | 27976606 | 61973649 | 49.103   | 49.923     |
| 19)                         | B Endosulfa...  | 8.702  | 9.493  | 33435931 | 69648850 | 45.604   | 44.614     |
| 20)                         | A Methoxychlor  | 8.995  | 9.836  | 19623243 | 37475069 | 46.512   | 45.241     |
| 21)                         | B Endrin ke...  | 9.220  | 9.989  | 37783063 | 73574307 | 45.374   | 44.456     |
| 22)                         | Mirex           | 9.401  | 10.451 | 33939952 | 57370919 | 45.959   | 45.979     |
| 24)                         | Chlordane-2     | 0.000  | 7.482  | 0        | 112.9E6  | N.D.     | 1615.656 # |
| 25)                         | Chlordane-3     | 7.268  | 8.221  | 38052388 | 99394657 | 497.360  | 357.750 #  |
| 26)                         | Chlordane-4     | 7.337  | 8.301  | 37972861 | 97110253 | 460.256  | 292.439 #  |
| 27)                         | Chlordane-5     | 8.283  | 9.181f | 33941302 | 115774   | 1164.624 | 1.897 #    |
| -----                       |                 |        |        |          |          |          |            |

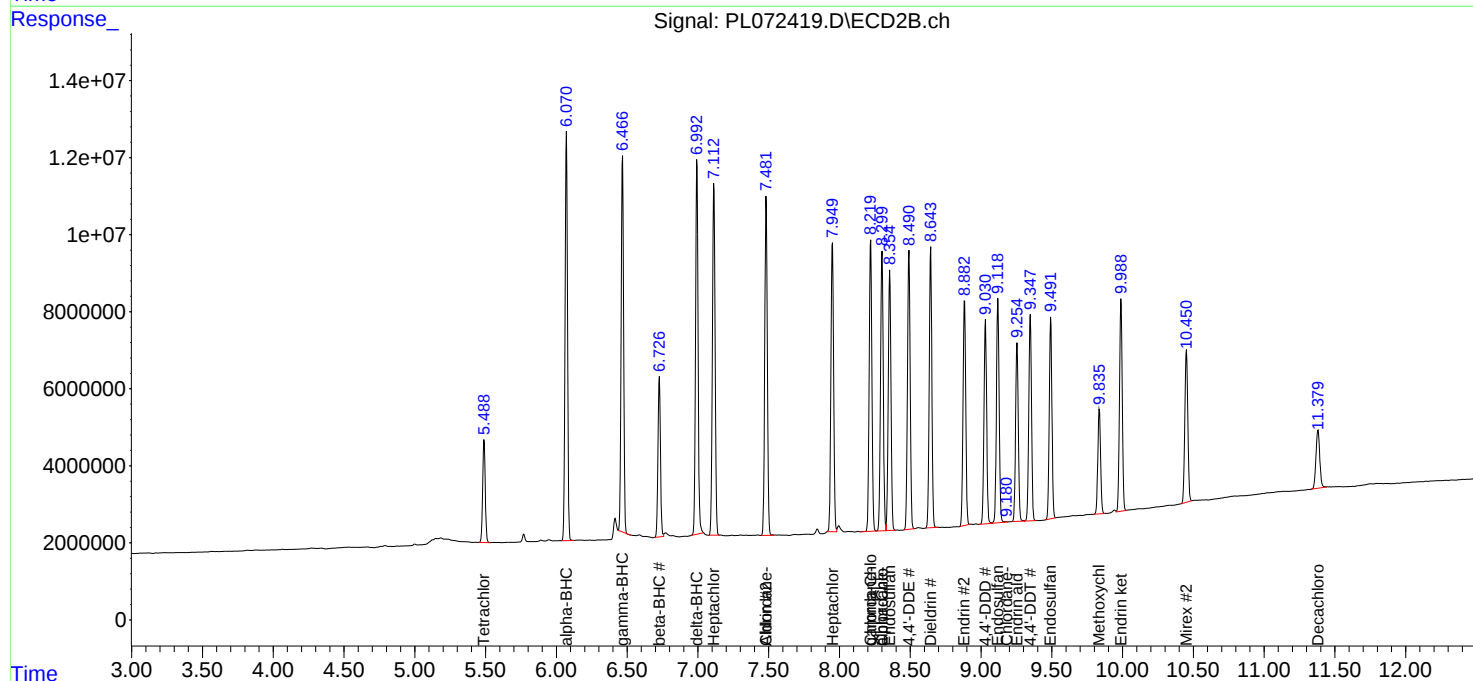
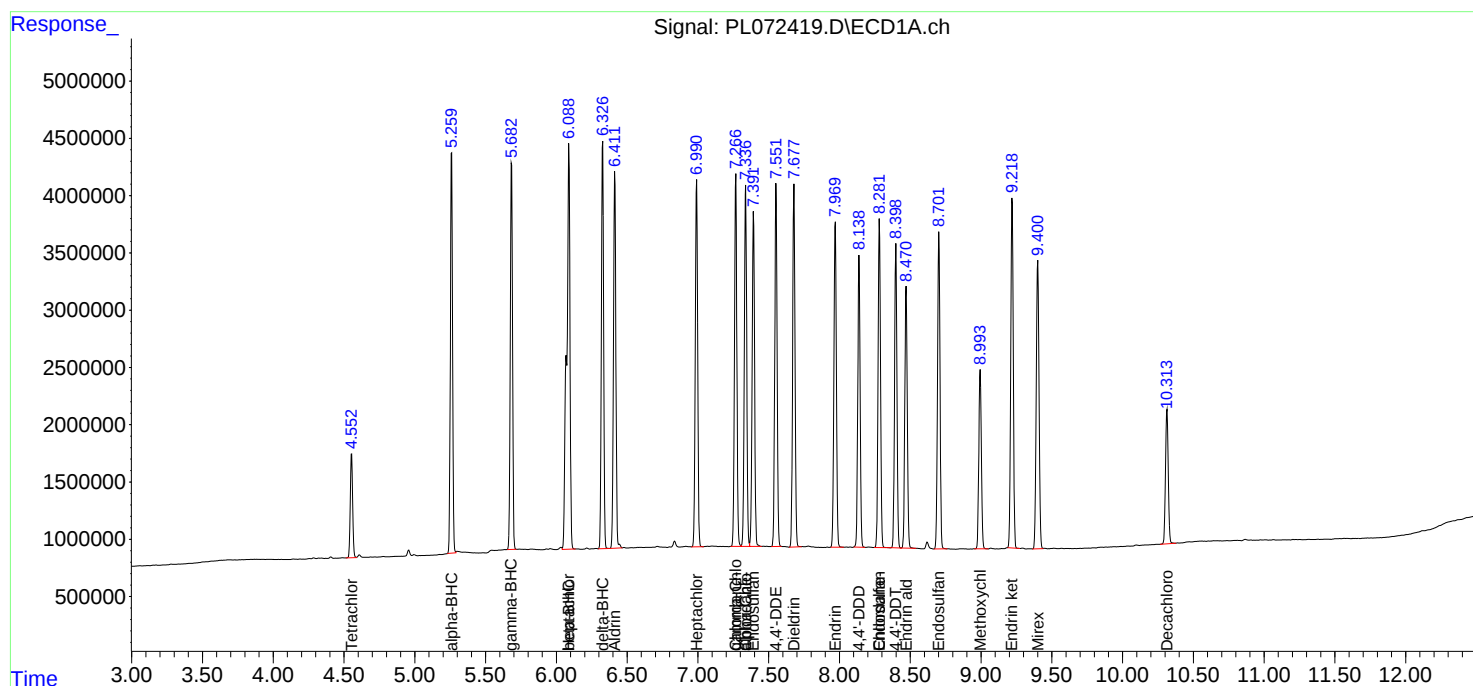
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

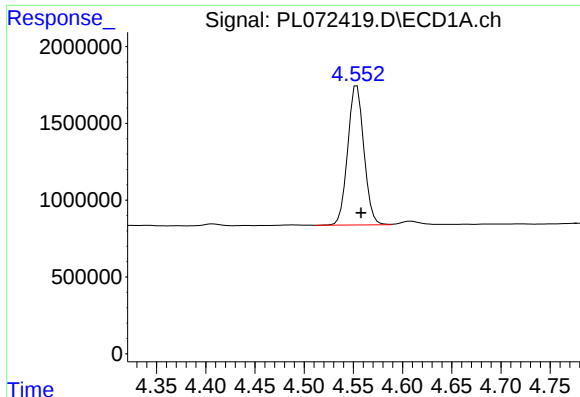
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072419.D  
Data File : PL072419.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Feb 2022 17:22  
Operator : AR\AJ  
Sample : PB142436BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 03 00:36:20 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 18 10:53:59 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

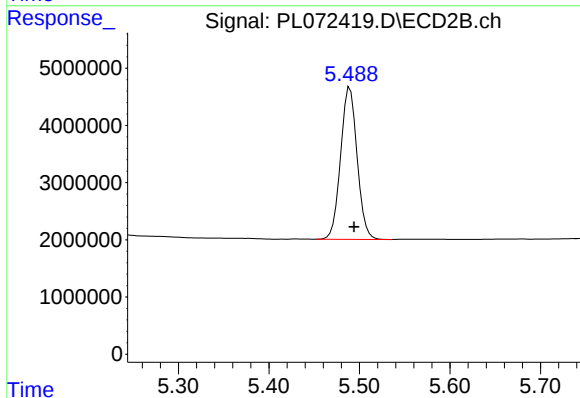




#1 Tetrachloro-m-xylene

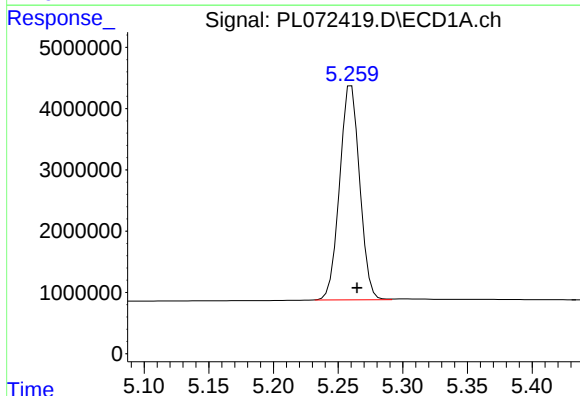
R.T.: 4.554 min  
Delta R.T.: -0.004 min  
Response: 10362719  
Conc: 18.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



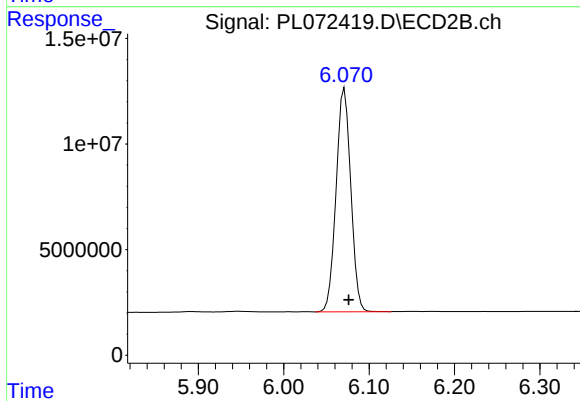
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.005 min  
Response: 33693876  
Conc: 20.75 ng/ml



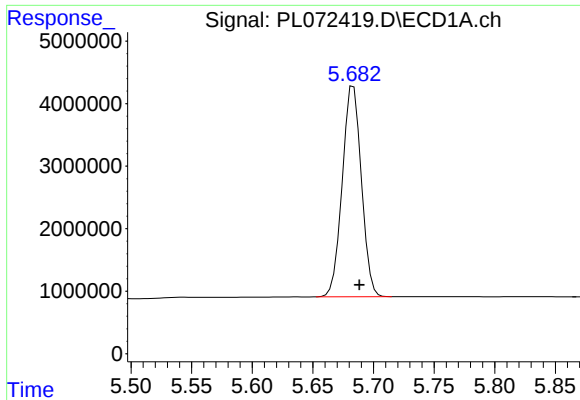
#2 alpha-BHC

R.T.: 5.260 min  
Delta R.T.: -0.004 min  
Response: 37640669  
Conc: 48.68 ng/ml



#2 alpha-BHC

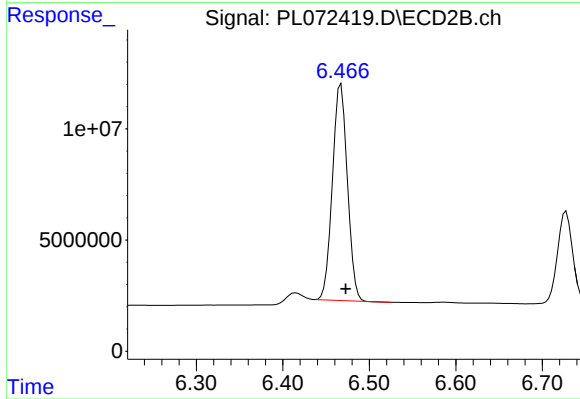
R.T.: 6.071 min  
Delta R.T.: -0.005 min  
Response: 126487429  
Conc: 52.42 ng/ml



#3 gamma-BHC (Lindane)

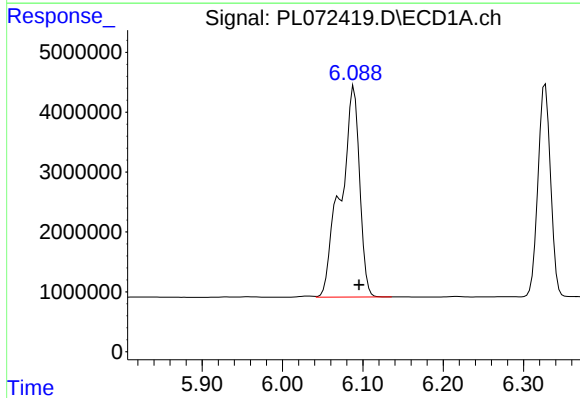
R.T.: 5.684 min  
Delta R.T.: -0.005 min  
Response: 36942091  
Conc: 48.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



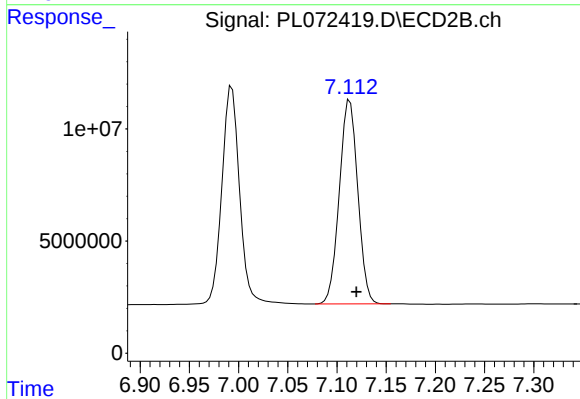
#3 gamma-BHC (Lindane)

R.T.: 6.467 min  
Delta R.T.: -0.006 min  
Response: 116542343  
Conc: 51.79 ng/ml



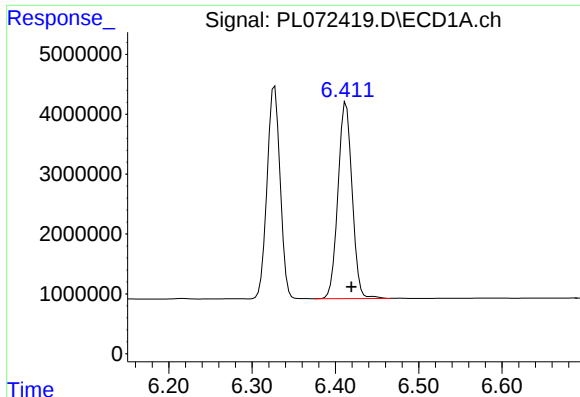
#4 Heptachlor

R.T.: 6.089 min  
Delta R.T.: -0.006 min  
Response: 57748167  
Conc: 66.94 ng/ml



#4 Heptachlor

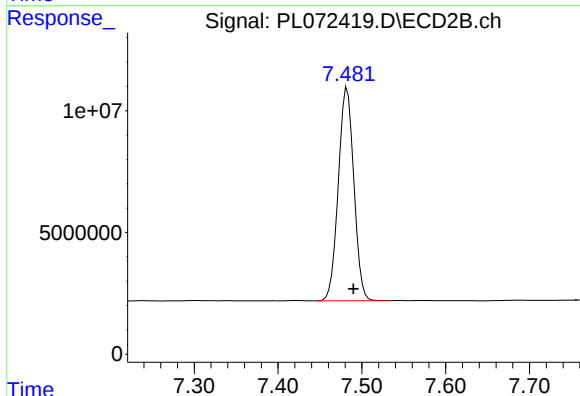
R.T.: 7.113 min  
Delta R.T.: -0.007 min  
Response: 118915444  
Conc: 51.29 ng/ml



#5 Aldrin

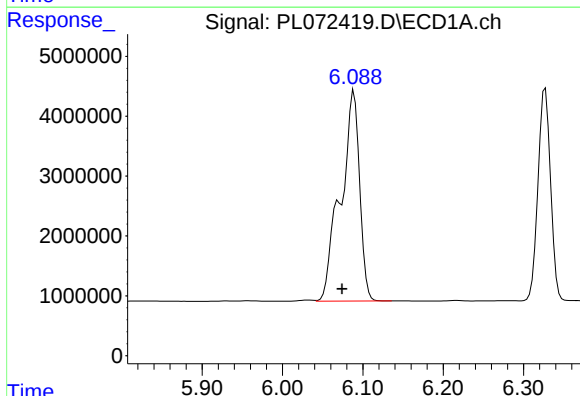
R.T.: 6.413 min  
Delta R.T.: -0.006 min  
Response: 38669670  
Conc: 48.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



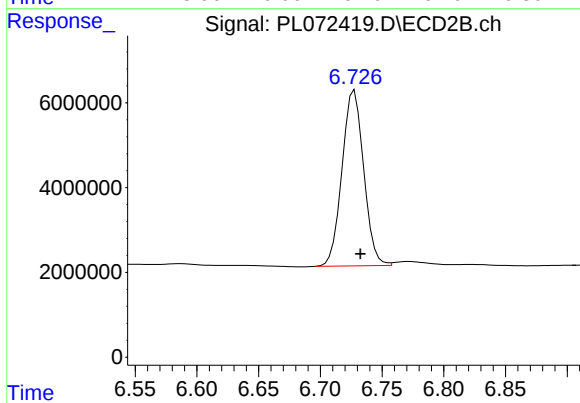
#5 Aldrin

R.T.: 7.482 min  
Delta R.T.: -0.008 min  
Response: 112925132  
Conc: 51.07 ng/ml



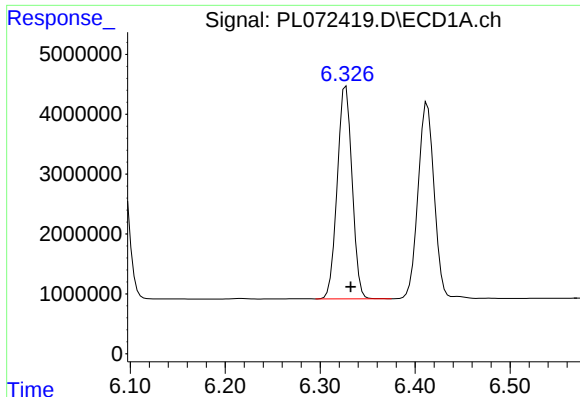
#6 beta-BHC

R.T.: 6.089 min  
Delta R.T.: 0.015 min  
Response: 57748167  
Conc: 174.70 ng/ml



#6 beta-BHC

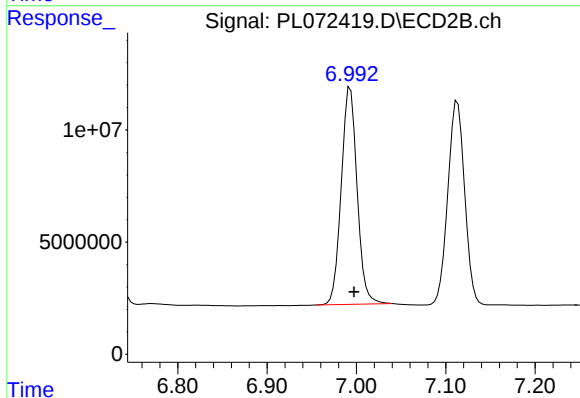
R.T.: 6.728 min  
Delta R.T.: -0.005 min  
Response: 50567301  
Conc: 51.07 ng/ml



#7 delta-BHC

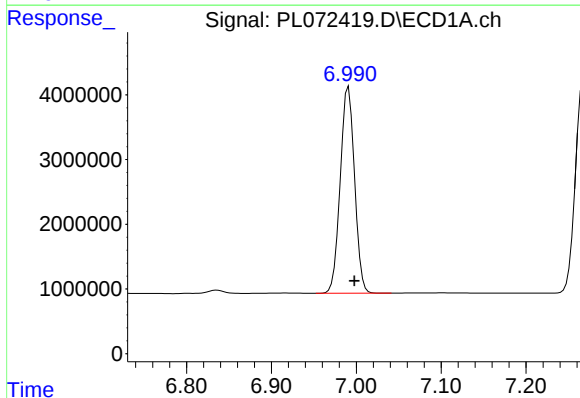
R.T.: 6.327 min  
Delta R.T.: -0.005 min  
Response: 38588758  
Conc: 48.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



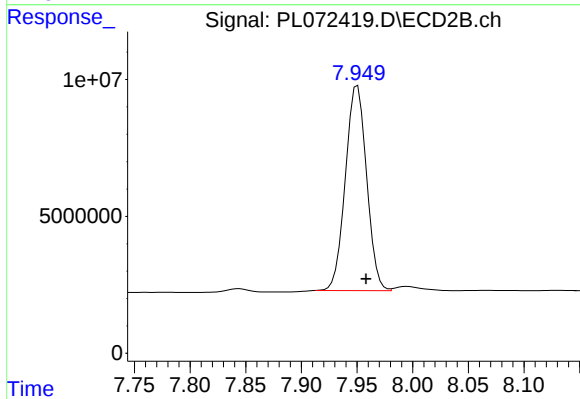
#7 delta-BHC

R.T.: 6.993 min  
Delta R.T.: -0.004 min  
Response: 119416042  
Conc: 48.54 ng/ml



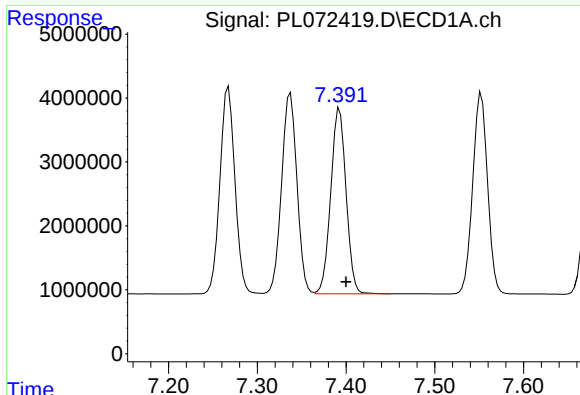
#8 Heptachlor epoxide

R.T.: 6.991 min  
Delta R.T.: -0.007 min  
Response: 37309412  
Conc: 49.01 ng/ml



#8 Heptachlor epoxide

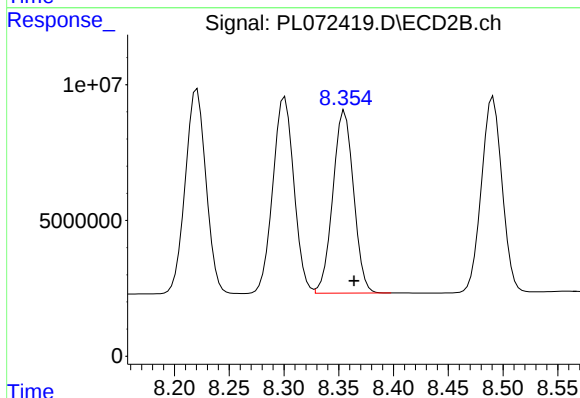
R.T.: 7.950 min  
Delta R.T.: -0.008 min  
Response: 99453826  
Conc: 49.67 ng/ml



#9 Endosulfan I

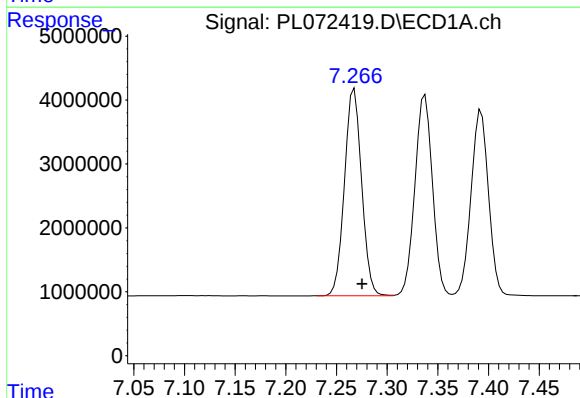
R.T.: 7.393 min  
Delta R.T.: -0.007 min  
Response: 34875535  
Conc: 49.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



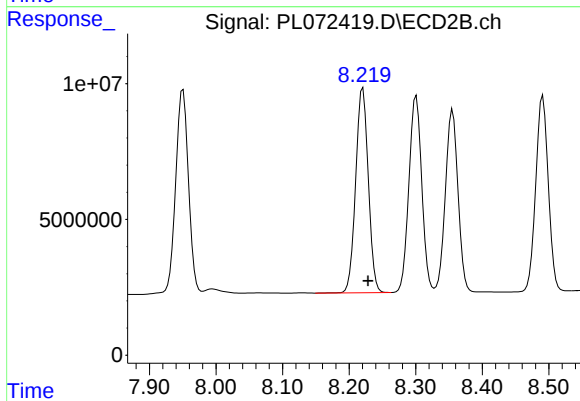
#9 Endosulfan I

R.T.: 8.355 min  
Delta R.T.: -0.009 min  
Response: 88470575  
Conc: 48.88 ng/ml



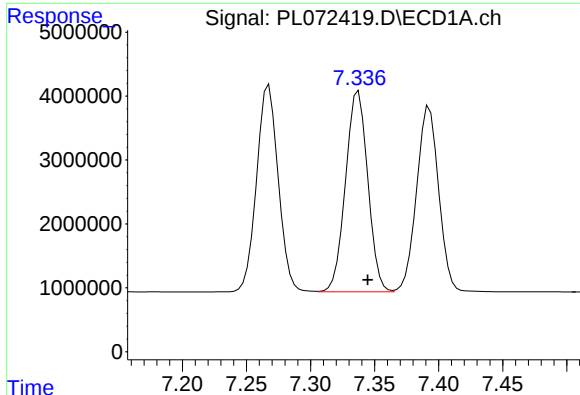
#10 gamma-Chlordane

R.T.: 7.268 min  
Delta R.T.: -0.008 min  
Response: 38052388  
Conc: 48.43 ng/ml



#10 gamma-Chlordane

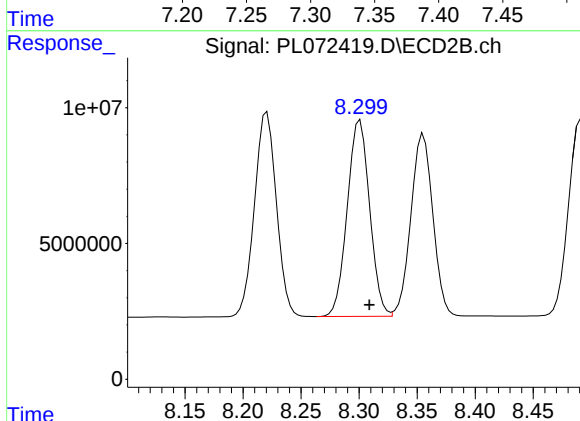
R.T.: 8.221 min  
Delta R.T.: -0.008 min  
Response: 99394657  
Conc: 49.19 ng/ml



#11 alpha-Chlordane

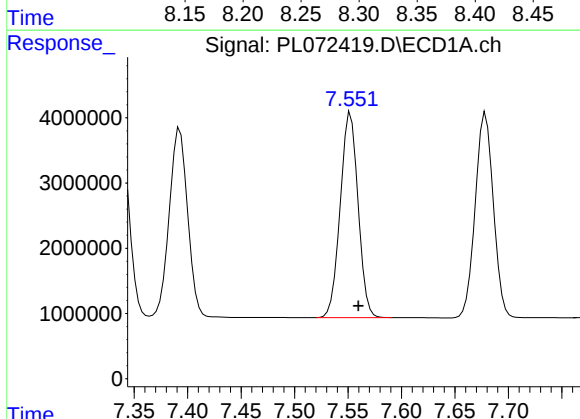
R.T.: 7.337 min  
Delta R.T.: -0.007 min  
Response: 37972861  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



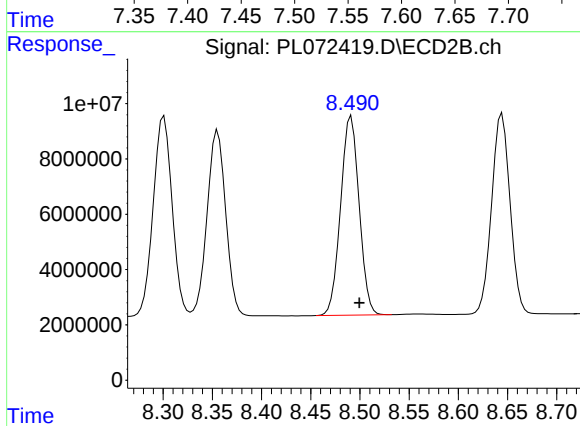
#11 alpha-Chlordane

R.T.: 8.301 min  
Delta R.T.: -0.008 min  
Response: 97110253  
Conc: 48.98 ng/ml



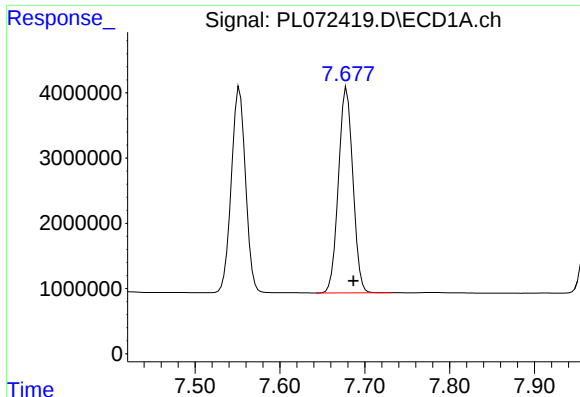
#12 4,4'-DDE

R.T.: 7.552 min  
Delta R.T.: -0.007 min  
Response: 36550756  
Conc: 50.63 ng/ml



#12 4,4'-DDE

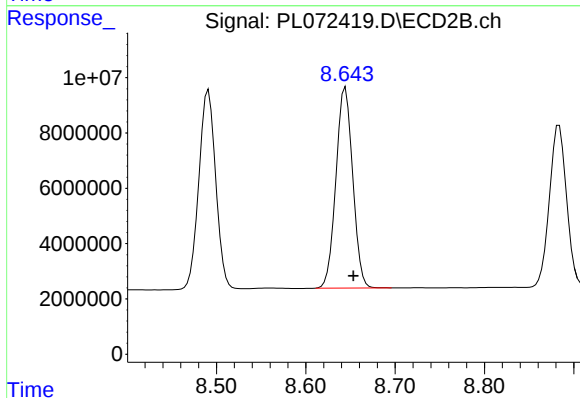
R.T.: 8.491 min  
Delta R.T.: -0.008 min  
Response: 94367845  
Conc: 49.90 ng/ml



#13 Dieldrin

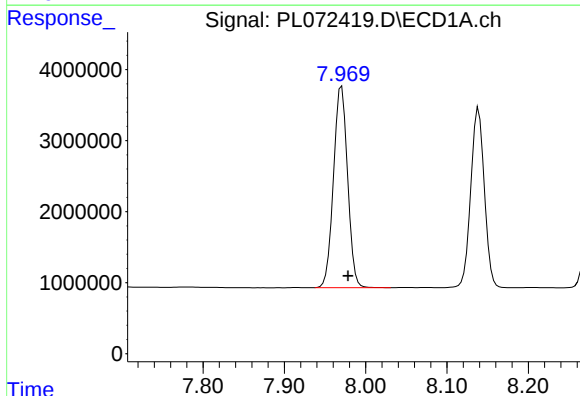
R.T.: 7.679 min  
Delta R.T.: -0.008 min  
Response: 37162648  
Conc: 49.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



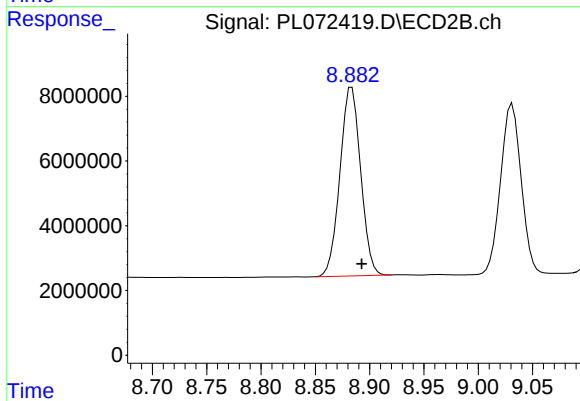
#13 Dieldrin

R.T.: 8.644 min  
Delta R.T.: -0.009 min  
Response: 94713553  
Conc: 48.21 ng/ml



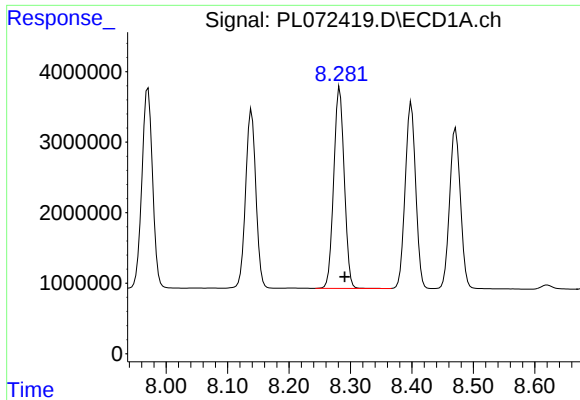
#14 Endrin

R.T.: 7.970 min  
Delta R.T.: -0.008 min  
Response: 34150693  
Conc: 48.74 ng/ml



#14 Endrin

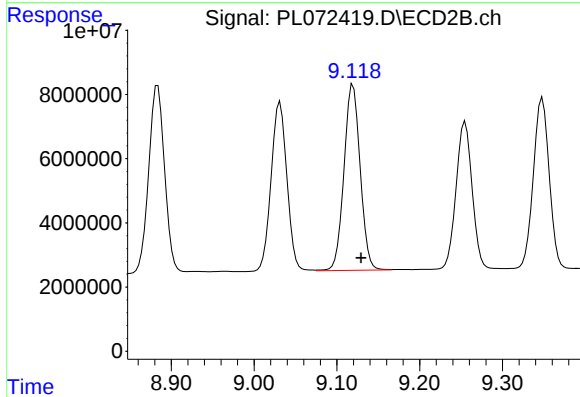
R.T.: 8.884 min  
Delta R.T.: -0.009 min  
Response: 77397203  
Conc: 46.68 ng/ml



#15 Endosulfan II

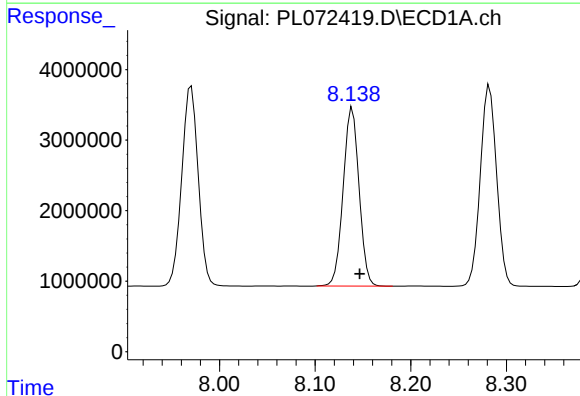
R.T.: 8.283 min  
Delta R.T.: -0.008 min  
Response: 33941302  
Conc: 45.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



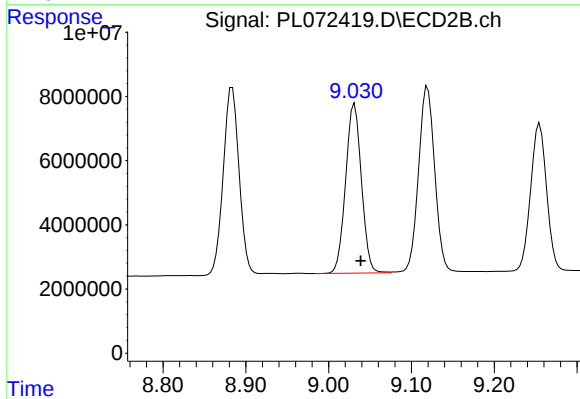
#15 Endosulfan II

R.T.: 9.119 min  
Delta R.T.: -0.010 min  
Response: 78784565  
Conc: 45.94 ng/ml



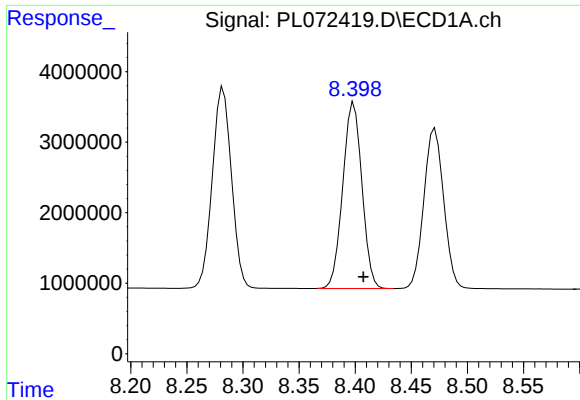
#16 4,4'-DDD

R.T.: 8.139 min  
Delta R.T.: -0.008 min  
Response: 29296389  
Conc: 49.97 ng/ml



#16 4,4'-DDD

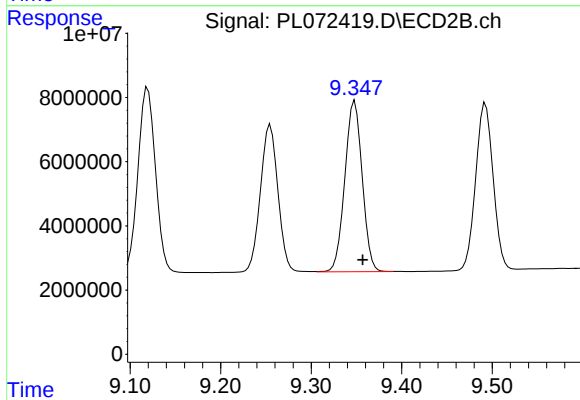
R.T.: 9.031 min  
Delta R.T.: -0.007 min  
Response: 70003553  
Conc: 48.96 ng/ml



#17 4,4'-DDT

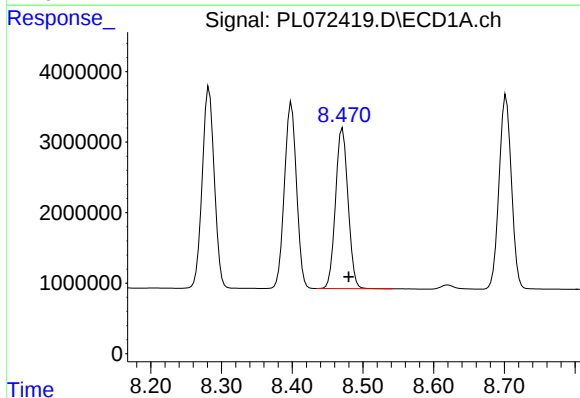
R.T.: 8.399 min  
Delta R.T.: -0.008 min  
Response: 31330156  
Conc: 47.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



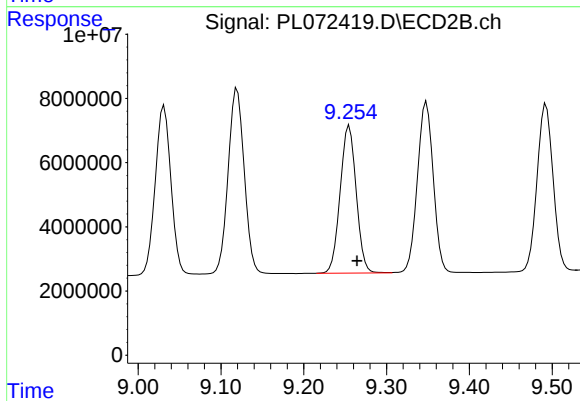
#17 4,4'-DDT

R.T.: 9.348 min  
Delta R.T.: -0.009 min  
Response: 71011708  
Conc: 44.93 ng/ml



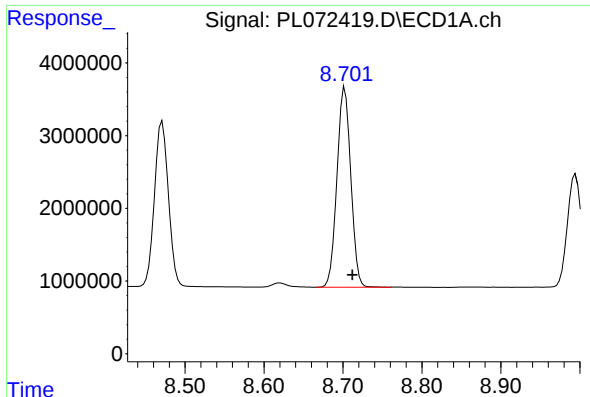
#18 Endrin aldehyde

R.T.: 8.471 min  
Delta R.T.: -0.009 min  
Response: 27976606  
Conc: 49.10 ng/ml



#18 Endrin aldehyde

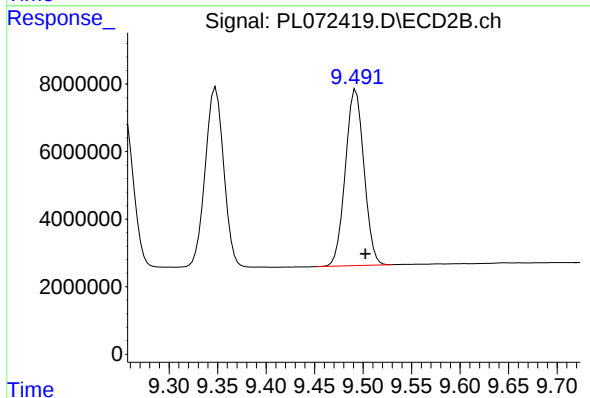
R.T.: 9.255 min  
Delta R.T.: -0.009 min  
Response: 61973649  
Conc: 49.92 ng/ml



#19 Endosulfan Sulfate

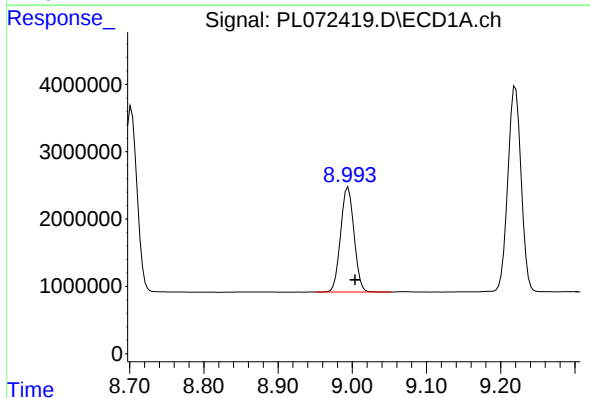
R.T.: 8.702 min  
Delta R.T.: -0.009 min  
Response: 33435931  
Conc: 45.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



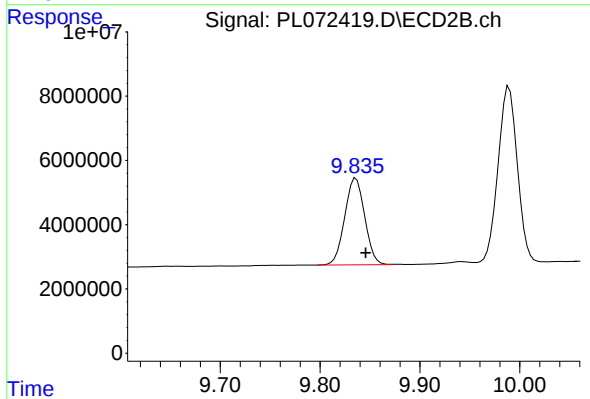
#19 Endosulfan Sulfate

R.T.: 9.493 min  
Delta R.T.: -0.010 min  
Response: 69648850  
Conc: 44.61 ng/ml



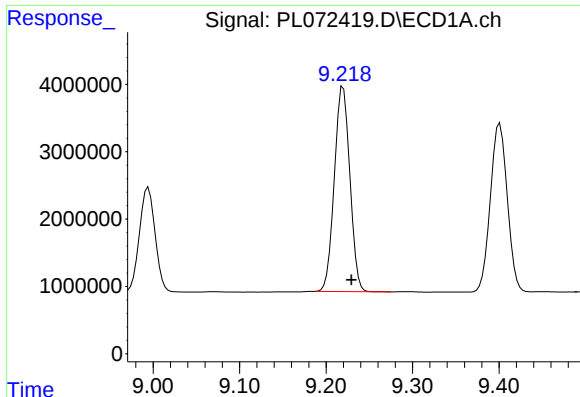
#20 Methoxychlor

R.T.: 8.995 min  
Delta R.T.: -0.009 min  
Response: 19623243  
Conc: 46.51 ng/ml



#20 Methoxychlor

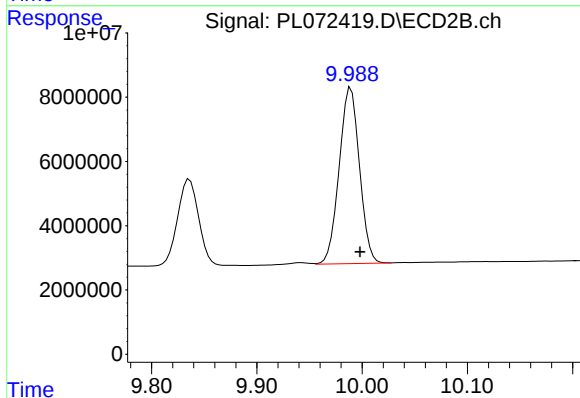
R.T.: 9.836 min  
Delta R.T.: -0.010 min  
Response: 37475069  
Conc: 45.24 ng/ml



#21 Endrin ketone

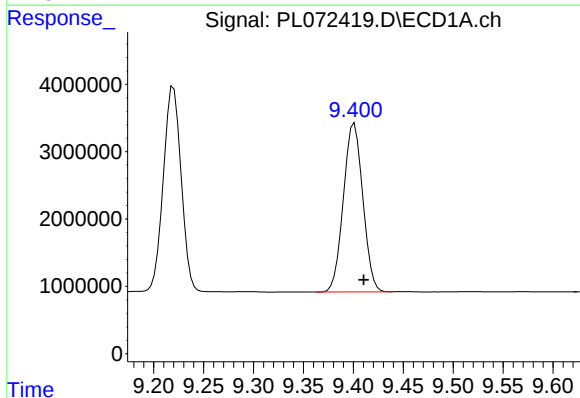
R.T.: 9.220 min  
Delta R.T.: -0.010 min  
Response: 37783063  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



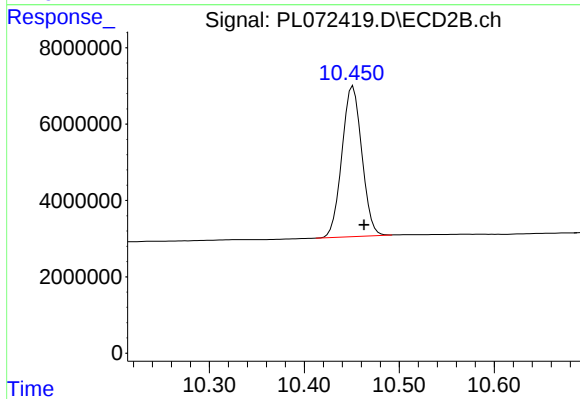
#21 Endrin ketone

R.T.: 9.989 min  
Delta R.T.: -0.009 min  
Response: 73574307  
Conc: 44.46 ng/ml



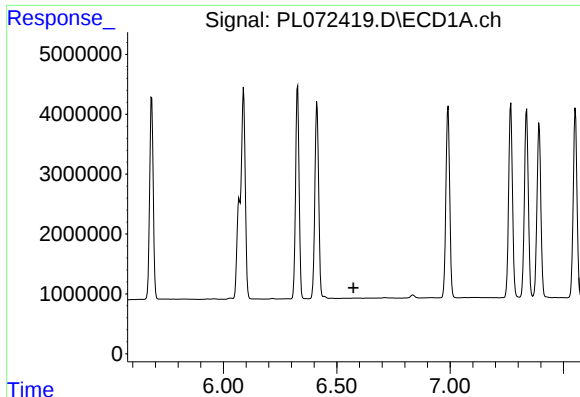
#22 Mirex

R.T.: 9.401 min  
Delta R.T.: -0.009 min  
Response: 33939952  
Conc: 45.96 ng/ml



#22 Mirex

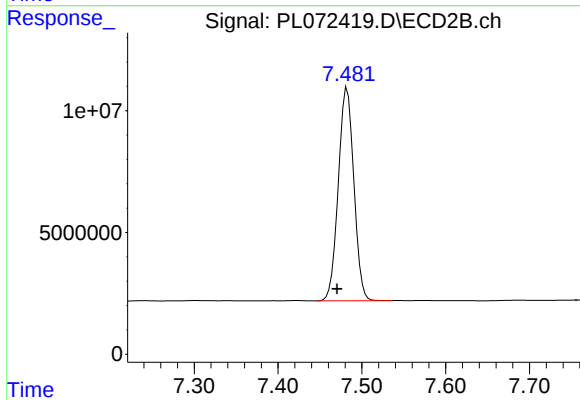
R.T.: 10.451 min  
Delta R.T.: -0.012 min  
Response: 57370919  
Conc: 45.98 ng/ml



#24 Chlordane-2

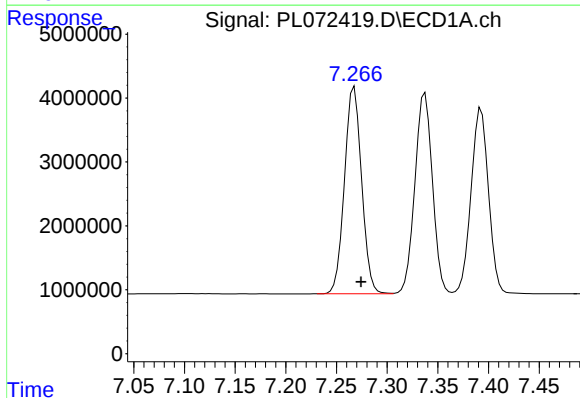
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



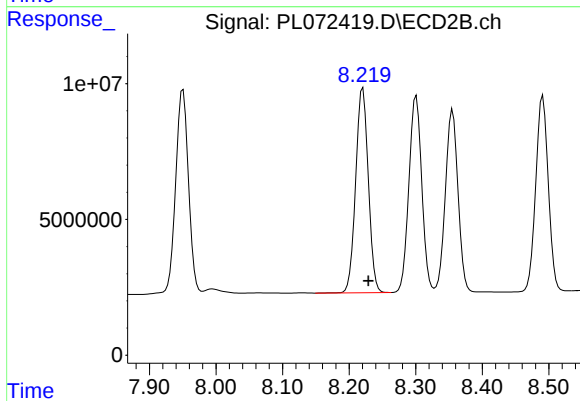
#24 Chlordane-2

R.T.: 7.482 min  
Delta R.T.: 0.012 min  
Response: 112925132  
Conc: 1615.66 ng/ml



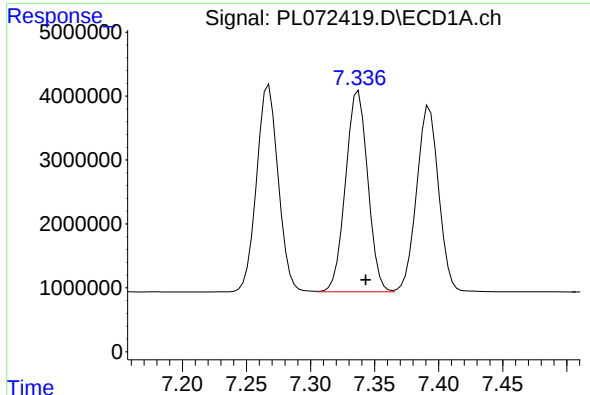
#25 Chlordane-3

R.T.: 7.268 min  
Delta R.T.: -0.007 min  
Response: 38052388  
Conc: 497.36 ng/ml



#25 Chlordane-3

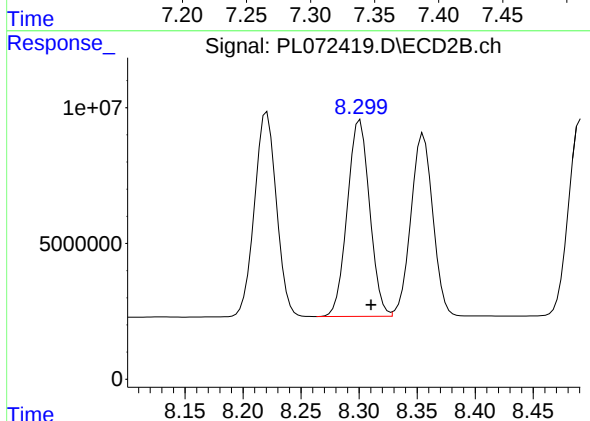
R.T.: 8.221 min  
Delta R.T.: -0.008 min  
Response: 99394657  
Conc: 357.75 ng/ml



#26 Chlordane-4

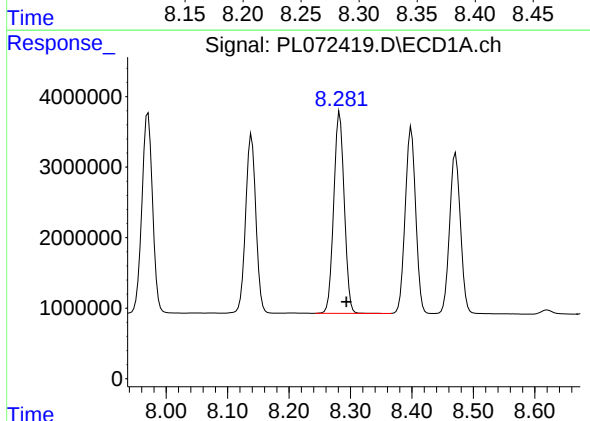
R.T.: 7.337 min  
Delta R.T.: -0.006 min  
Response: 37972861  
Conc: 460.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



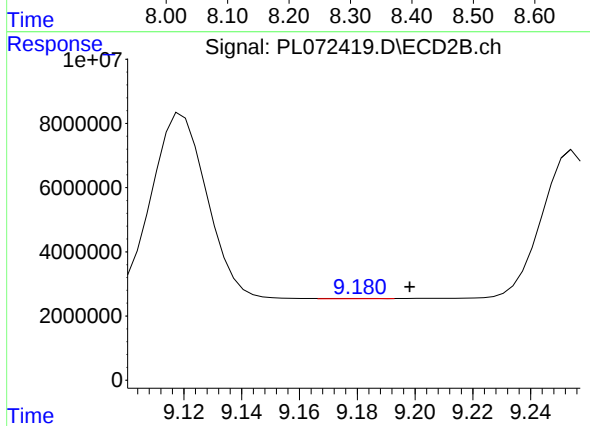
#26 Chlordane-4

R.T.: 8.301 min  
Delta R.T.: -0.009 min  
Response: 97110253  
Conc: 292.44 ng/ml



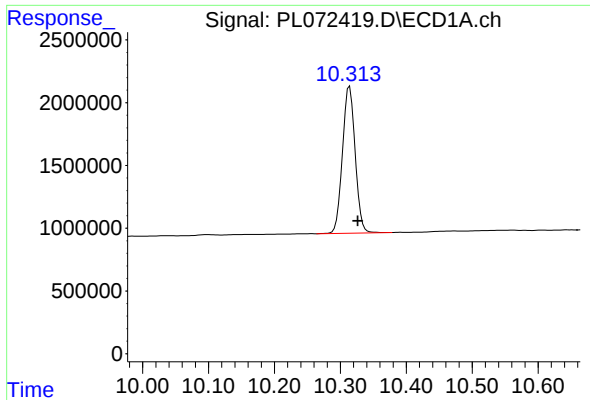
#27 Chlordane-5

R.T.: 8.283 min  
Delta R.T.: -0.011 min  
Response: 33941302  
Conc: 1164.62 ng/ml



#27 Chlordane-5

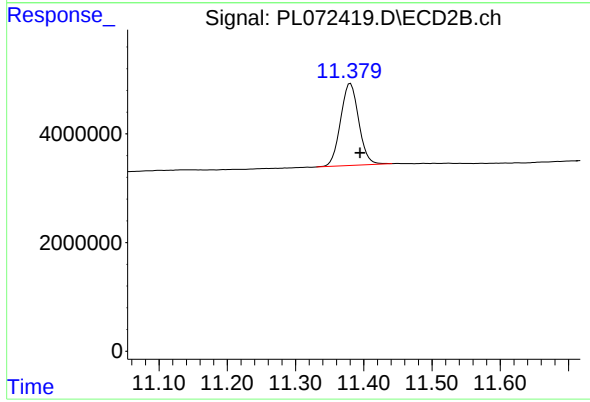
R.T.: 9.181 min  
Delta R.T.: -0.017 min  
Response: 115774  
Conc: 1.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.314 min  
Delta R.T.: -0.013 min  
Response: 15680480  
Conc: 17.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.381 min  
Delta R.T.: -0.014 min  
Response: 27939475  
Conc: 17.32 ng/ml