

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012822\  
 Data File : PL072302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2022 10:15  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 01:23:24 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... | 4.563  | 5.493  | 27832110 | 83488501 | 50.131   | 51.406     |
| 28)                         | SA Decachlor... | 10.322 | 11.388 | 37162102 | 70845049 | 41.829   | 43.908     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.269  | 6.075  | 39976760 | 123.3E6  | 51.702   | 51.119     |
| 3)                          | MA gamma-BHC... | 5.692  | 6.471  | 38407094 | 112.7E6  | 50.936   | 50.066     |
| 4)                          | MA Heptachlor   | 6.098  | 7.117  | 43545215 | 110.9E6  | 50.476   | 47.844     |
| 5)                          | MB Aldrin       | 6.422  | 7.487  | 39514202 | 107.4E6  | 50.041   | 48.575     |
| 6)                          | B beta-BHC      | 6.077  | 6.730  | 16154400 | 50673821 | 48.869   | 51.180     |
| 7)                          | B delta-BHC     | 6.335  | 6.997  | 40968781 | 114.4E6  | 51.719   | 46.482     |
| 8)                          | B Heptachlo...  | 6.999  | 7.955  | 38030957 | 95964807 | 49.960   | 47.927     |
| 9)                          | A Endosulfan I  | 7.401  | 8.360  | 35471745 | 85297279 | 49.910   | 47.124     |
| 10)                         | B gamma-Chl...  | 7.276  | 8.225  | 38691969 | 95776744 | 49.244   | 47.395     |
| 11)                         | B alpha-Chl...  | 7.346  | 8.305  | 38608519 | 93440761 | 49.214   | 47.126     |
| 12)                         | B 4,4'-DDE      | 7.560  | 8.496  | 36514311 | 90517622 | 50.575   | 47.861     |
| 13)                         | MA Dieldrin     | 7.687  | 8.649  | 37538424 | 90686657 | 49.548   | 46.160     |
| 14)                         | MA Endrin       | 7.979  | 8.889  | 33394607 | 73098109 | 47.661   | 44.088     |
| 15)                         | B Endosulfa...  | 8.290  | 9.125  | 34891302 | 77388219 | 46.927   | 45.127     |
| 16)                         | A 4,4'-DDD      | 8.147  | 9.037  | 30107803 | 69111031 | 51.359   | 48.337     |
| 17)                         | MA 4,4'-DDT     | 8.407  | 9.353  | 30728763 | 68340834 | 46.273   | 43.239     |
| 18)                         | B Endrin al...  | 8.480  | 9.260  | 26352784 | 56622040 | 46.253   | 45.612     |
| 19)                         | B Endosulfa...  | 8.711  | 9.499  | 34054311 | 70044475 | 46.447   | 44.867     |
| 20)                         | A Methoxychlor  | 9.003  | 9.842  | 19070567 | 35808718 | 45.202   | 43.229     |
| 21)                         | B Endrin ke...  | 9.228  | 9.995  | 39072419 | 74258762 | 46.923   | 44.869     |
| 22)                         | Mirex           | 9.410  | 10.458 | 32646103 | 52503973 | 44.207   | 42.078     |
| 24)                         | Chlordane-2     | 0.000  | 7.487f | 0        | 107.4E6  | N.D.     | 1536.756 # |
| 25)                         | Chlordane-3     | 7.276  | 8.225  | 38691969 | 95776744 | 505.720  | 344.728 #  |
| 26)                         | Chlordane-4     | 7.346  | 8.305  | 38608519 | 93440761 | 467.960  | 281.388 #  |
| 27)                         | Chlordane-5     | 8.290  | 9.202  | 34891302 | 88874    | 1197.221 | 1.457 #    |
| -----                       |                 |        |        |          |          |          |            |

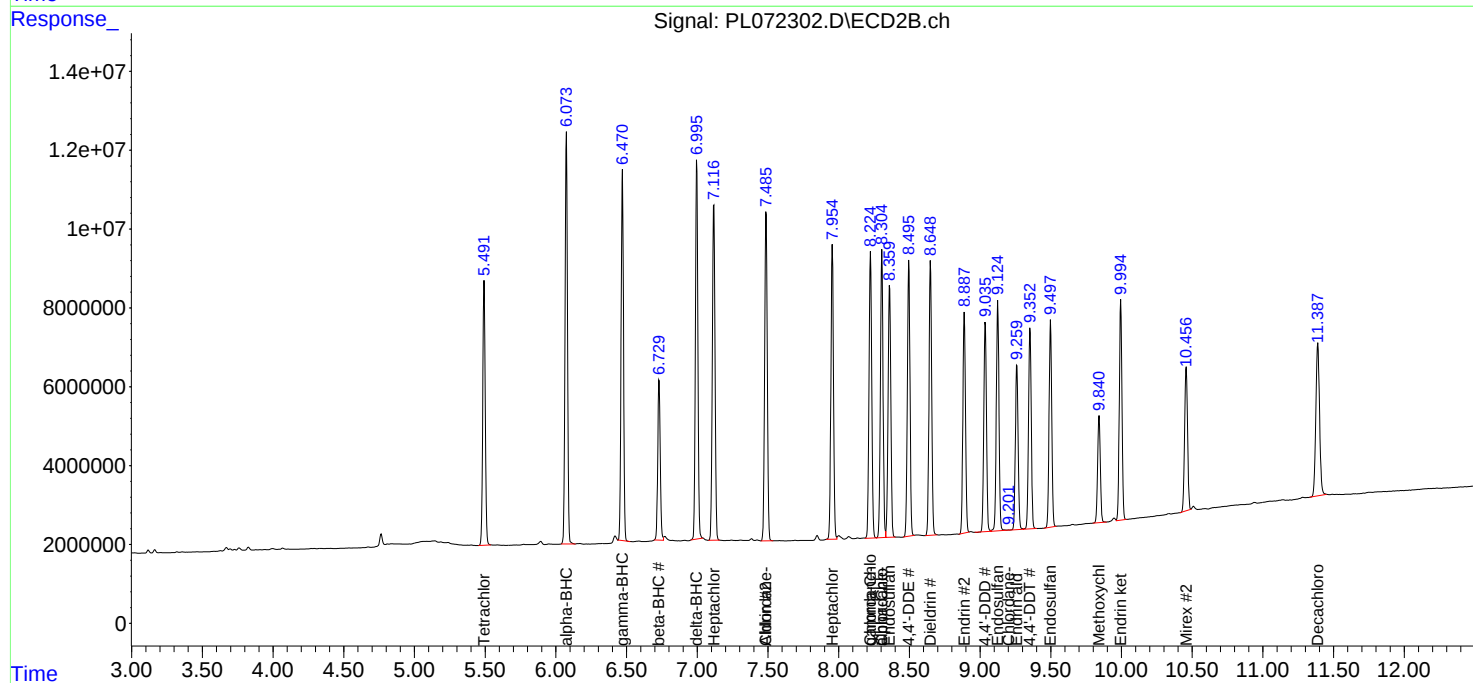
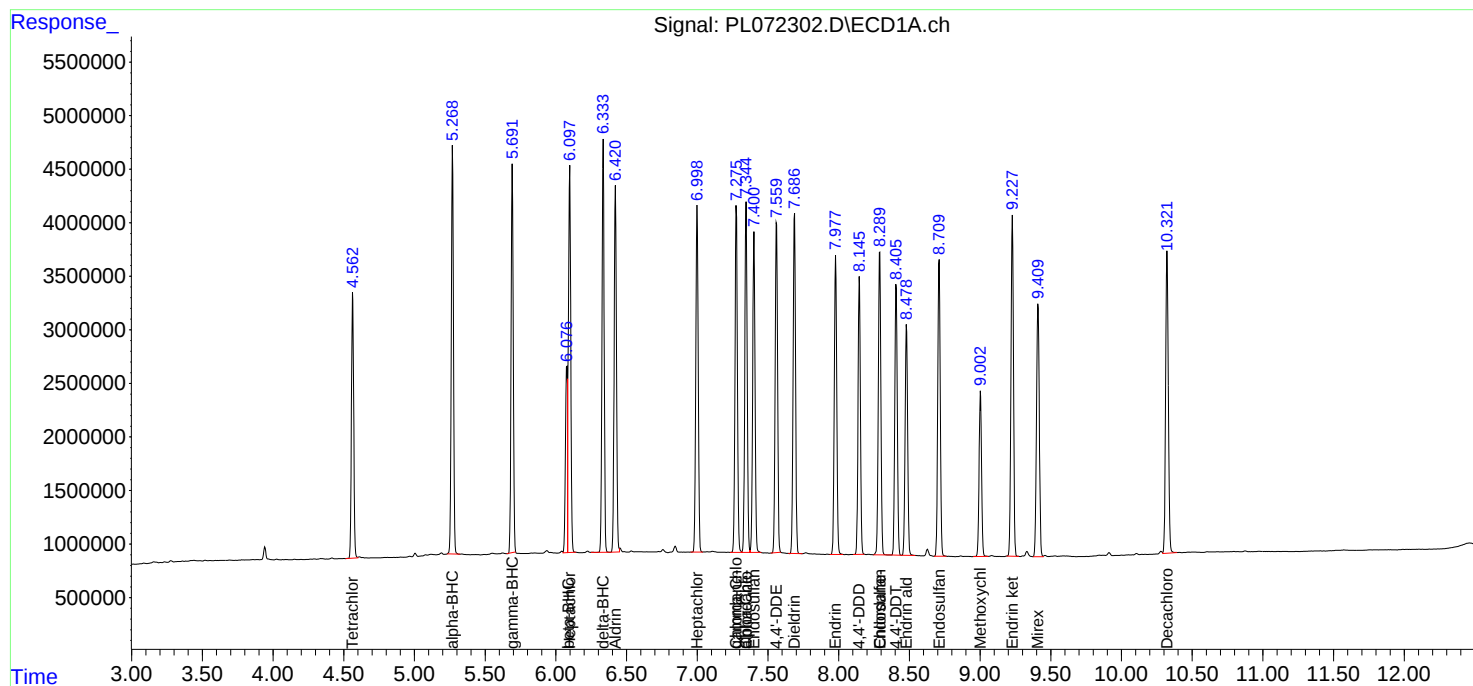
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

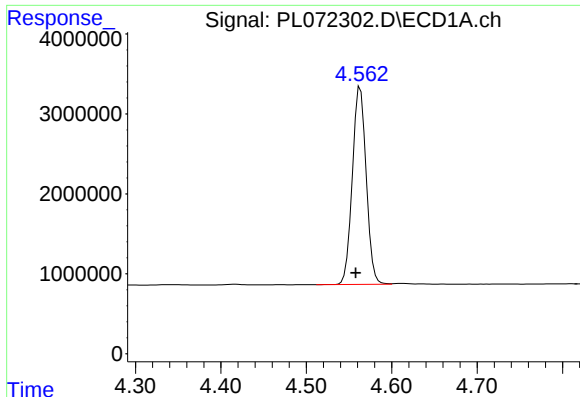
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012822\  
 Data File : PL072302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2022 10:15  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 01:23:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 18 10:53:59 2022  
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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

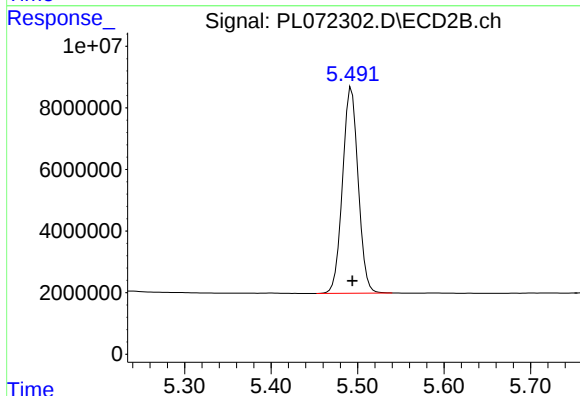




#1 Tetrachloro-m-xylene

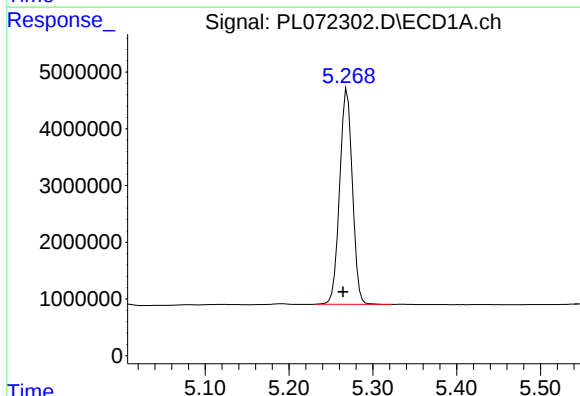
R.T.: 4.563 min  
Delta R.T.: 0.005 min  
Response: 27832110  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



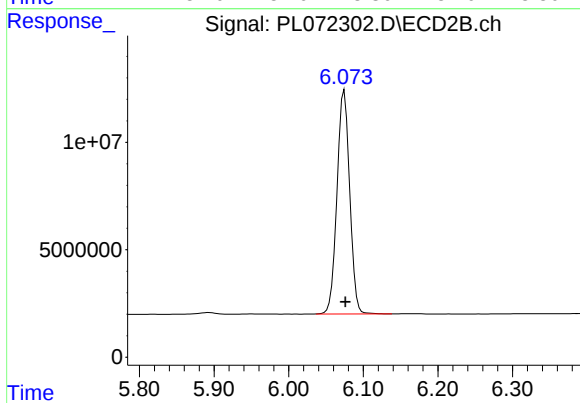
#1 Tetrachloro-m-xylene

R.T.: 5.493 min  
Delta R.T.: -0.001 min  
Response: 83488501  
Conc: 51.41 ng/ml



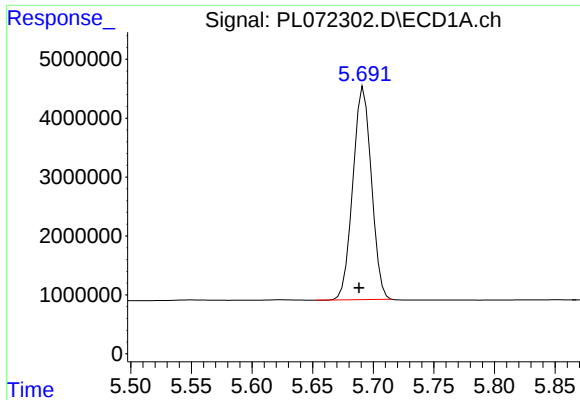
#2 alpha-BHC

R.T.: 5.269 min  
Delta R.T.: 0.005 min  
Response: 39976760  
Conc: 51.70 ng/ml



#2 alpha-BHC

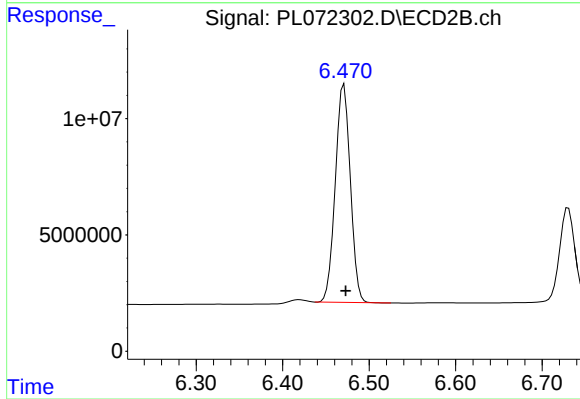
R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 123342939  
Conc: 51.12 ng/ml



#3 gamma-BHC (Lindane)

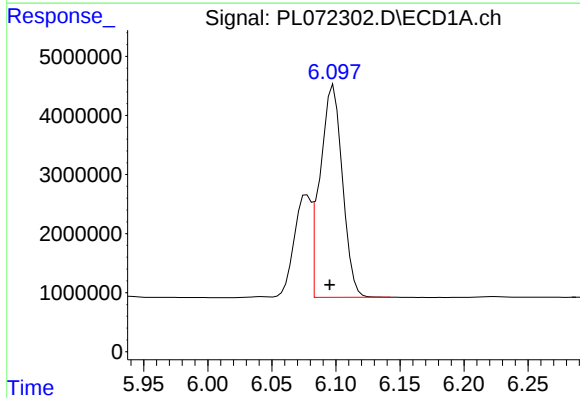
R.T.: 5.692 min  
Delta R.T.: 0.004 min  
Response: 38407094  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



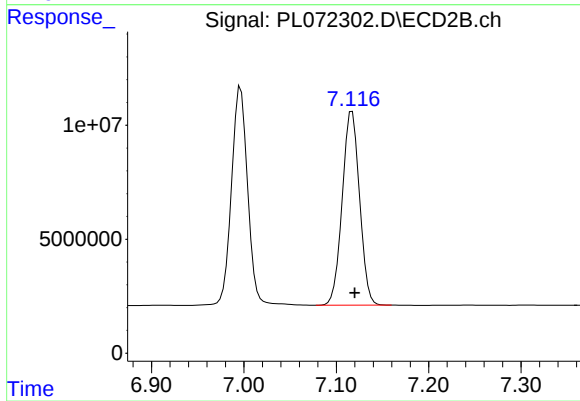
#3 gamma-BHC (Lindane)

R.T.: 6.471 min  
Delta R.T.: -0.002 min  
Response: 112664249  
Conc: 50.07 ng/ml



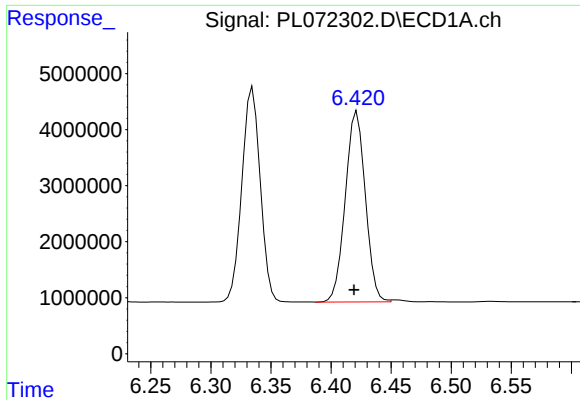
#4 Heptachlor

R.T.: 6.098 min  
Delta R.T.: 0.003 min  
Response: 43545215  
Conc: 50.48 ng/ml



#4 Heptachlor

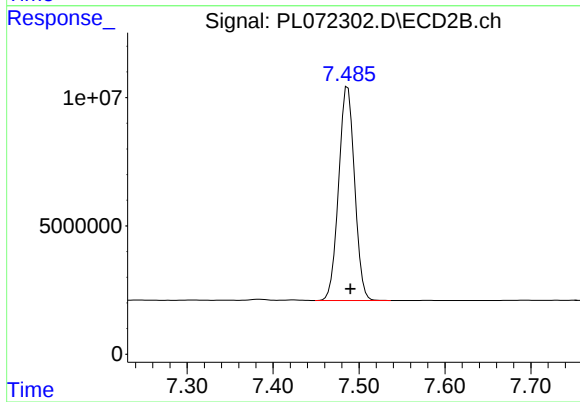
R.T.: 7.117 min  
Delta R.T.: -0.003 min  
Response: 110925094  
Conc: 47.84 ng/ml



#5 Aldrin

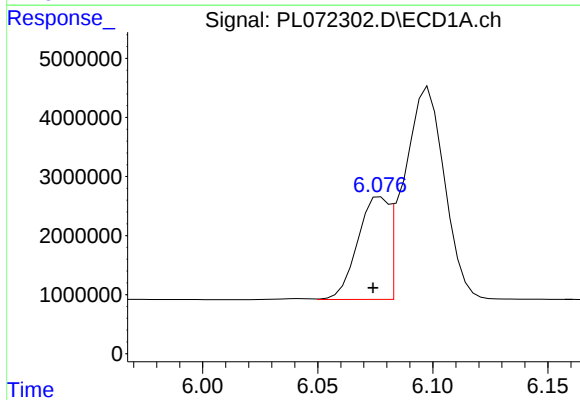
R.T.: 6.422 min  
Delta R.T.: 0.002 min  
Response: 39514202  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



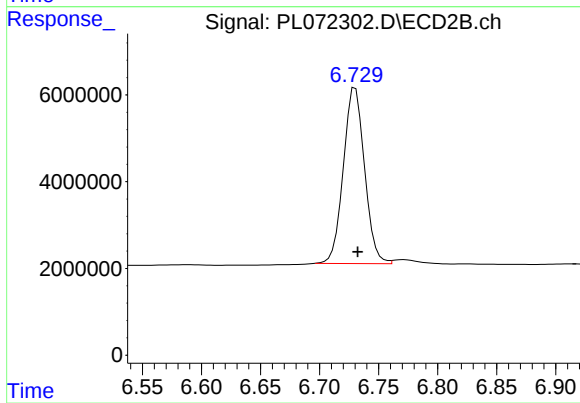
#5 Aldrin

R.T.: 7.487 min  
Delta R.T.: -0.003 min  
Response: 107410502  
Conc: 48.58 ng/ml



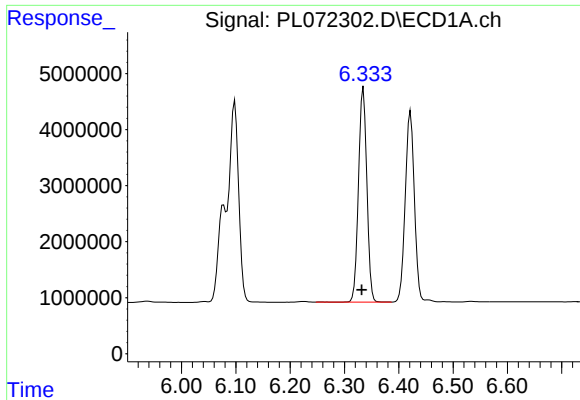
#6 beta-BHC

R.T.: 6.077 min  
Delta R.T.: 0.003 min  
Response: 16154400  
Conc: 48.87 ng/ml



#6 beta-BHC

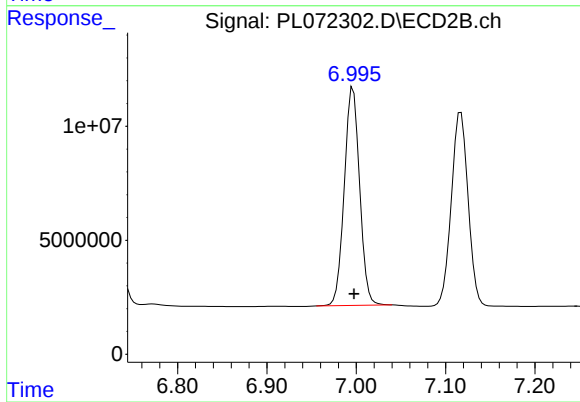
R.T.: 6.730 min  
Delta R.T.: -0.002 min  
Response: 50673821  
Conc: 51.18 ng/ml



#7 delta-BHC

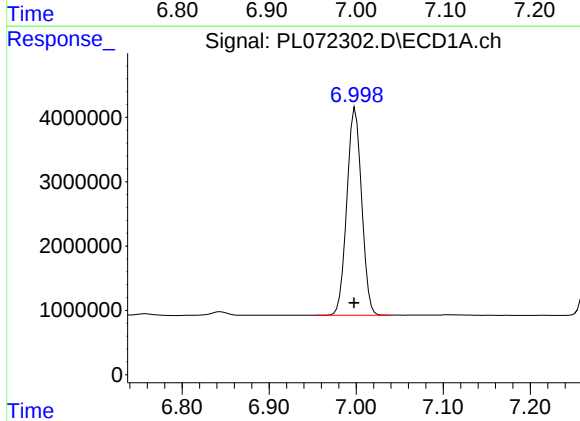
R.T.: 6.335 min  
Delta R.T.: 0.003 min  
Response: 40968781  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



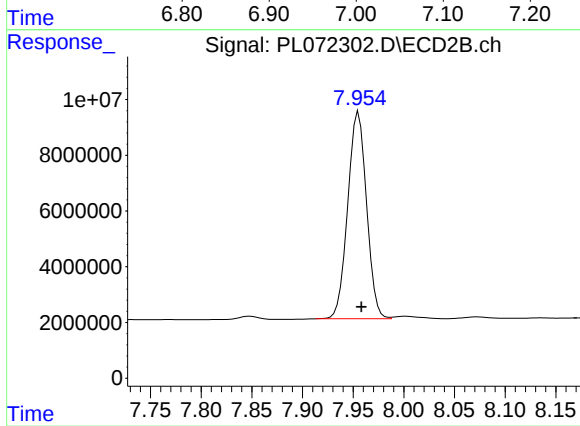
#7 delta-BHC

R.T.: 6.997 min  
Delta R.T.: -0.001 min  
Response: 114360749  
Conc: 46.48 ng/ml



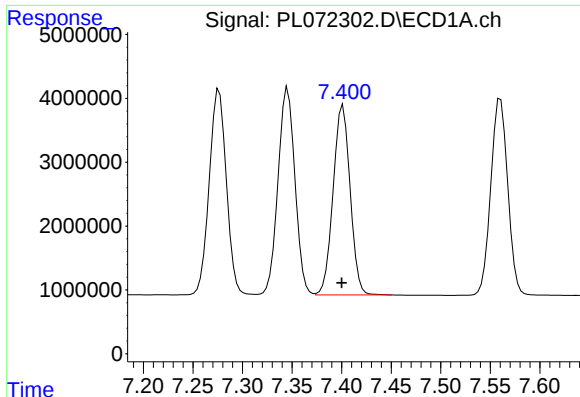
#8 Heptachlor epoxide

R.T.: 6.999 min  
Delta R.T.: 0.001 min  
Response: 38030957  
Conc: 49.96 ng/ml



#8 Heptachlor epoxide

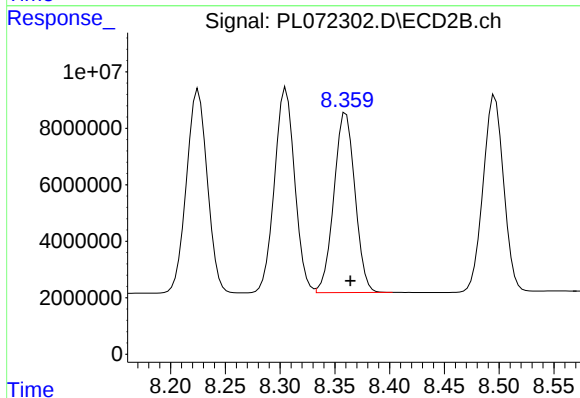
R.T.: 7.955 min  
Delta R.T.: -0.003 min  
Response: 95964807  
Conc: 47.93 ng/ml



#9 Endosulfan I

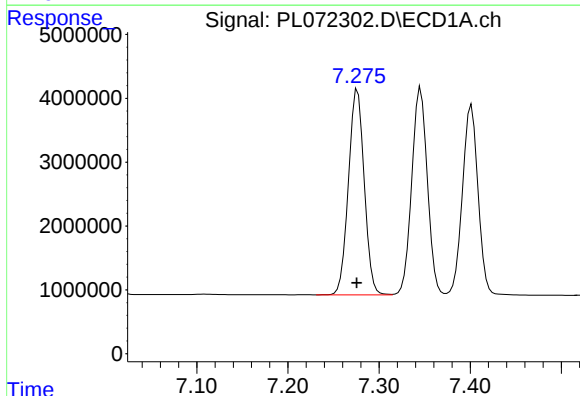
R.T.: 7.401 min  
Delta R.T.: 0.001 min  
Response: 35471745  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



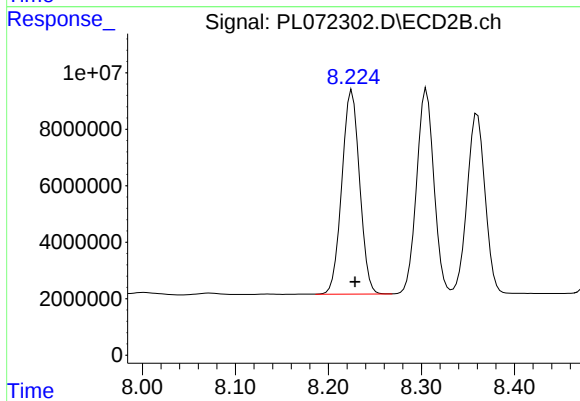
#9 Endosulfan I

R.T.: 8.360 min  
Delta R.T.: -0.004 min  
Response: 85297279  
Conc: 47.12 ng/ml



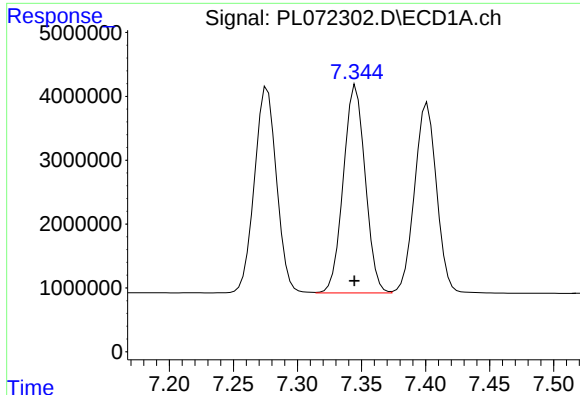
#10 gamma-Chlordane

R.T.: 7.276 min  
Delta R.T.: 0.000 min  
Response: 38691969  
Conc: 49.24 ng/ml



#10 gamma-Chlordane

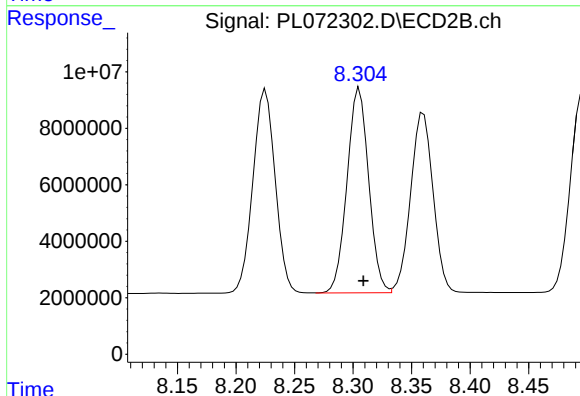
R.T.: 8.225 min  
Delta R.T.: -0.003 min  
Response: 95776744  
Conc: 47.40 ng/ml



#11 alpha-Chlordane

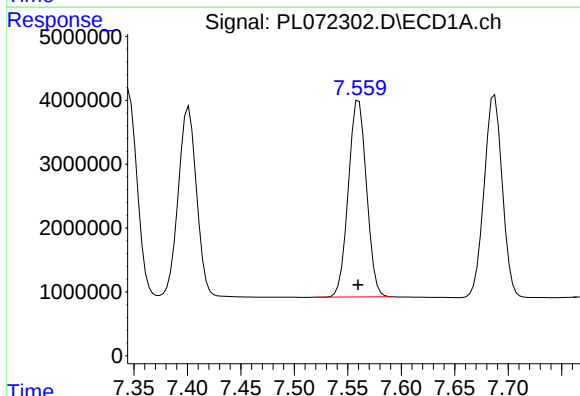
R.T.: 7.346 min  
Delta R.T.: 0.001 min  
Response: 38608519  
Conc: 49.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



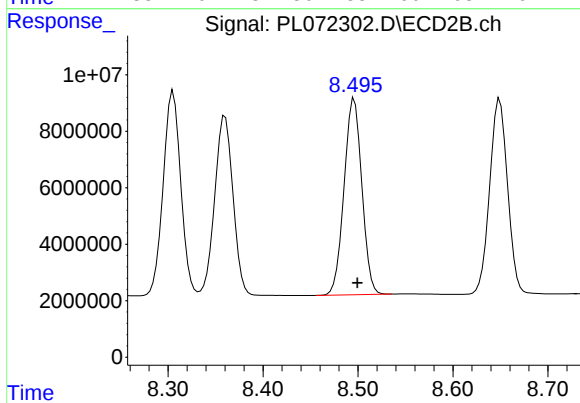
#11 alpha-Chlordane

R.T.: 8.305 min  
Delta R.T.: -0.003 min  
Response: 93440761  
Conc: 47.13 ng/ml



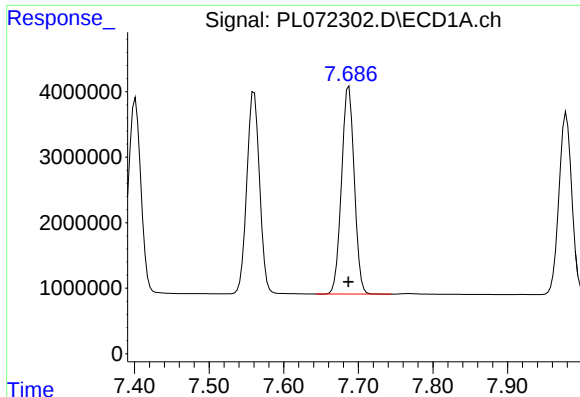
#12 4,4'-DDE

R.T.: 7.560 min  
Delta R.T.: 0.000 min  
Response: 36514311  
Conc: 50.57 ng/ml



#12 4,4'-DDE

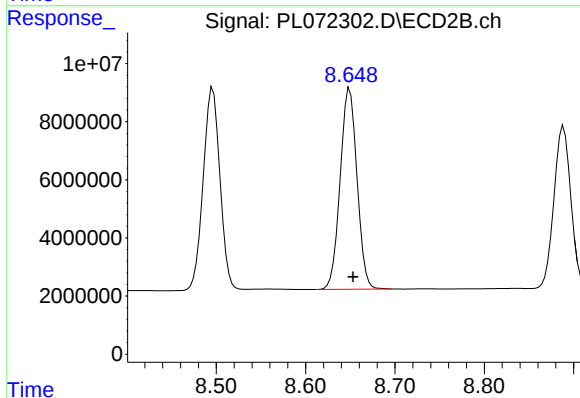
R.T.: 8.496 min  
Delta R.T.: -0.003 min  
Response: 90517622  
Conc: 47.86 ng/ml



#13 Dieldrin

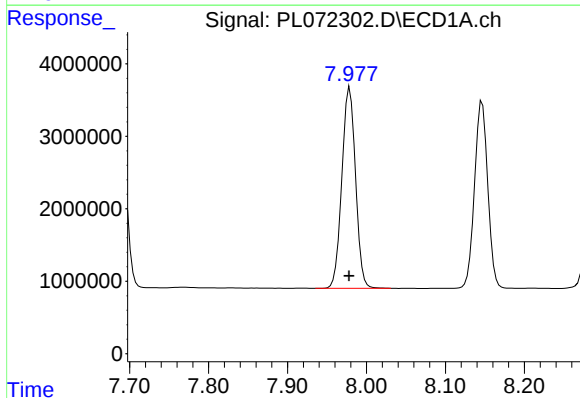
R.T.: 7.687 min  
Delta R.T.: 0.000 min  
Response: 37538424  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



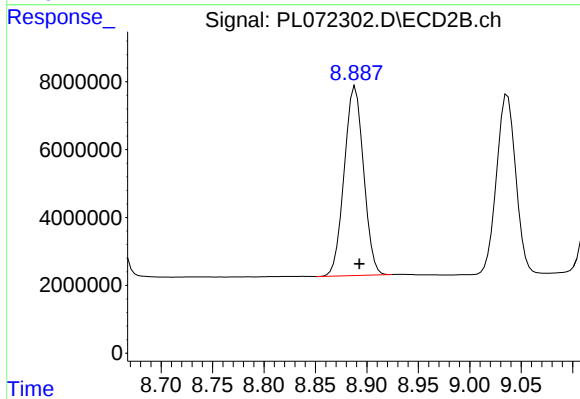
#13 Dieldrin

R.T.: 8.649 min  
Delta R.T.: -0.004 min  
Response: 90686657  
Conc: 46.16 ng/ml



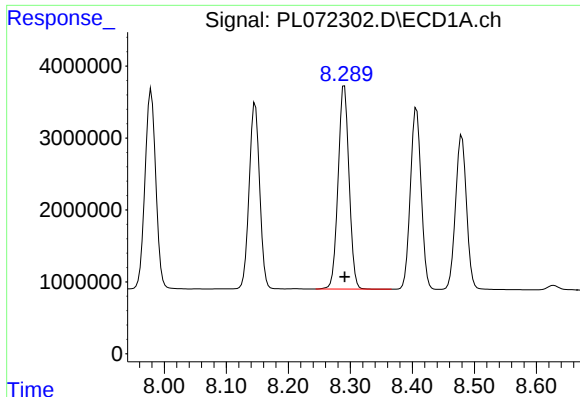
#14 Endrin

R.T.: 7.979 min  
Delta R.T.: 0.000 min  
Response: 33394607  
Conc: 47.66 ng/ml



#14 Endrin

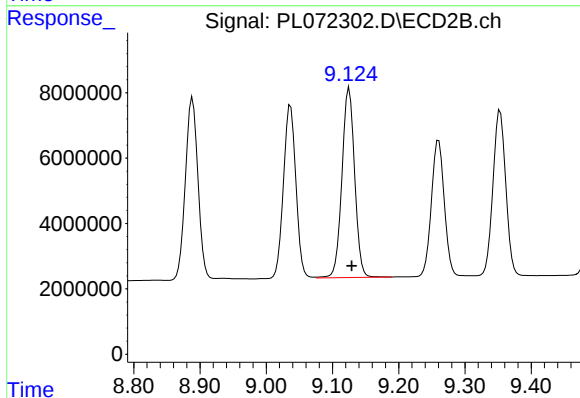
R.T.: 8.889 min  
Delta R.T.: -0.004 min  
Response: 73098109  
Conc: 44.09 ng/ml



#15 Endosulfan II

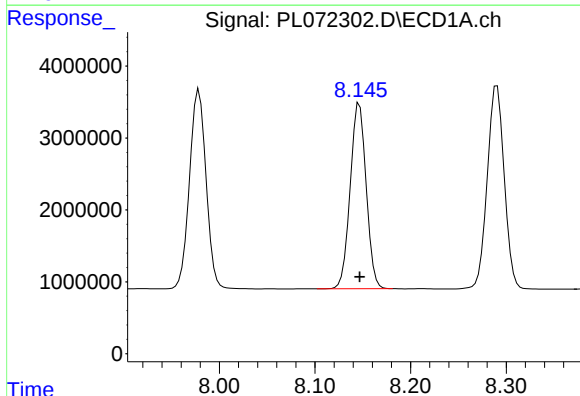
R.T.: 8.290 min  
Delta R.T.: 0.000 min  
Response: 34891302  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



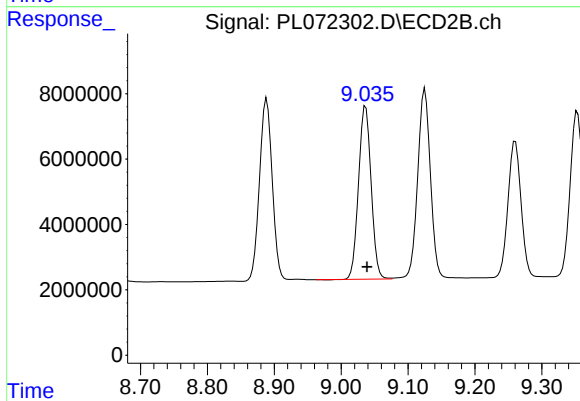
#15 Endosulfan II

R.T.: 9.125 min  
Delta R.T.: -0.004 min  
Response: 77388219  
Conc: 45.13 ng/ml



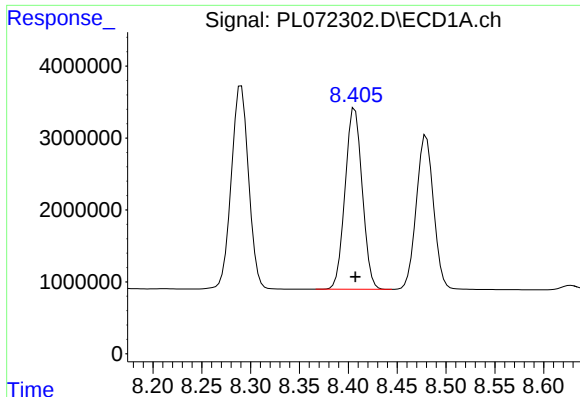
#16 4,4'-DDD

R.T.: 8.147 min  
Delta R.T.: 0.000 min  
Response: 30107803  
Conc: 51.36 ng/ml



#16 4,4'-DDD

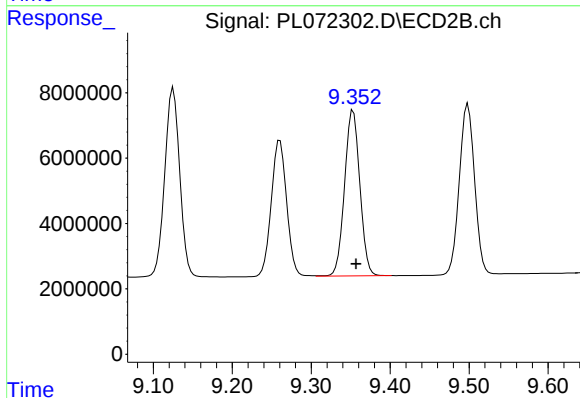
R.T.: 9.037 min  
Delta R.T.: -0.002 min  
Response: 69111031  
Conc: 48.34 ng/ml



#17 4,4'-DDT

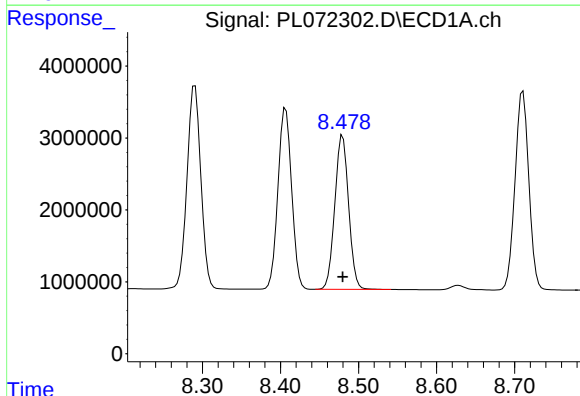
R.T.: 8.407 min  
Delta R.T.: 0.000 min  
Response: 30728763  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



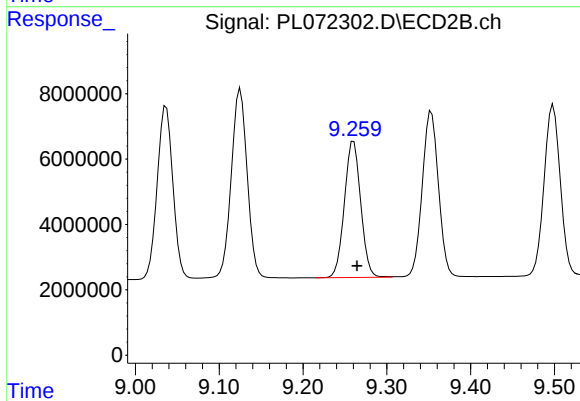
#17 4,4'-DDT

R.T.: 9.353 min  
Delta R.T.: -0.004 min  
Response: 68340834  
Conc: 43.24 ng/ml



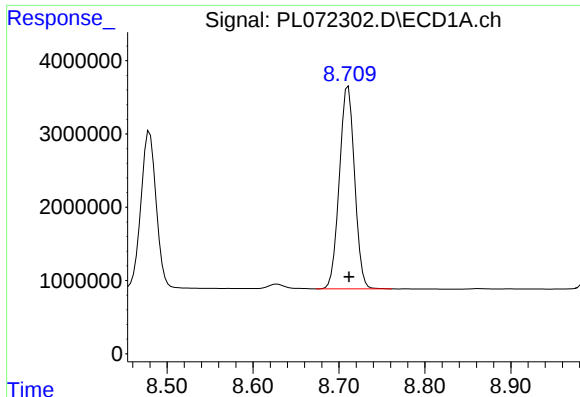
#18 Endrin aldehyde

R.T.: 8.480 min  
Delta R.T.: 0.000 min  
Response: 26352784  
Conc: 46.25 ng/ml



#18 Endrin aldehyde

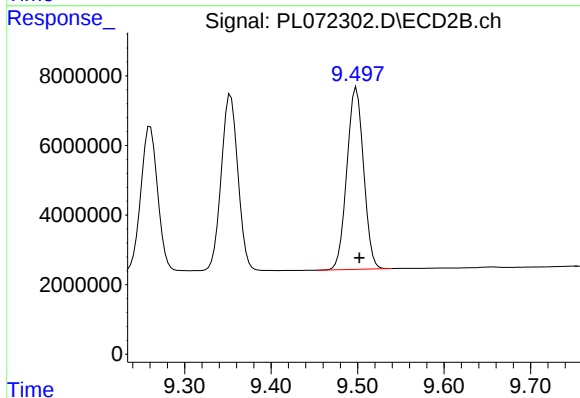
R.T.: 9.260 min  
Delta R.T.: -0.004 min  
Response: 56622040  
Conc: 45.61 ng/ml



#19 Endosulfan Sulfate

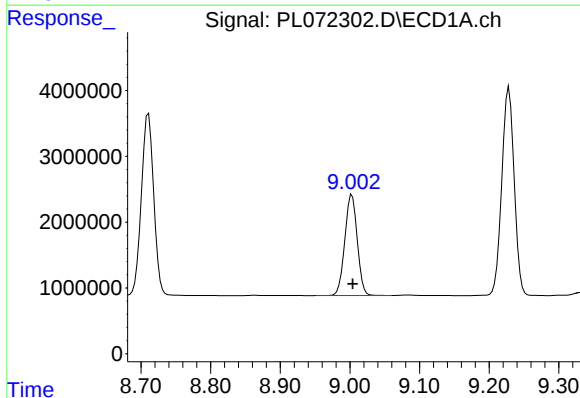
R.T.: 8.711 min  
Delta R.T.: -0.001 min  
Response: 34054311  
Conc: 46.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



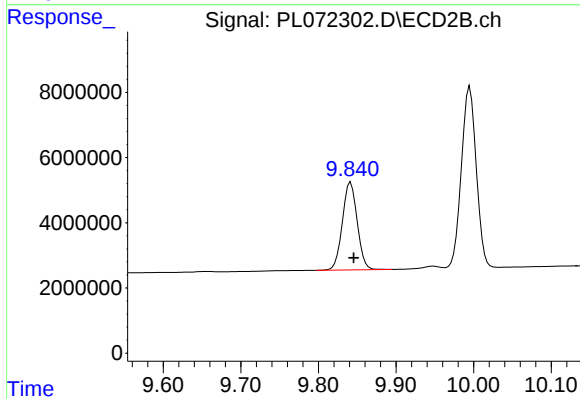
#19 Endosulfan Sulfate

R.T.: 9.499 min  
Delta R.T.: -0.004 min  
Response: 70044475  
Conc: 44.87 ng/ml



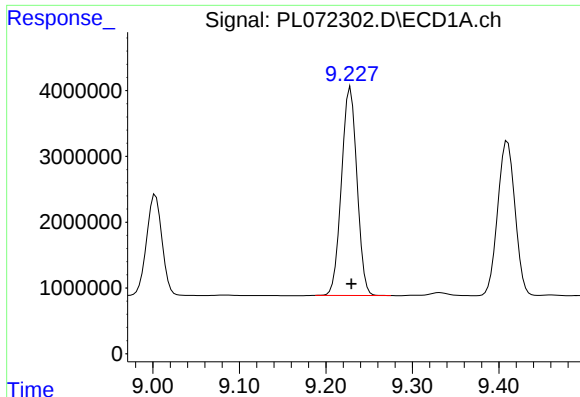
#20 Methoxychlor

R.T.: 9.003 min  
Delta R.T.: 0.000 min  
Response: 19070567  
Conc: 45.20 ng/ml



#20 Methoxychlor

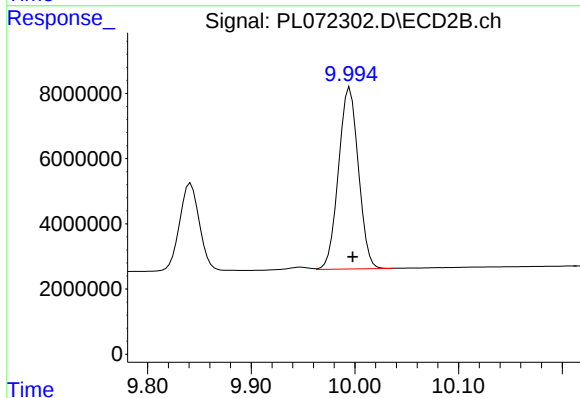
R.T.: 9.842 min  
Delta R.T.: -0.004 min  
Response: 35808718  
Conc: 43.23 ng/ml



#21 Endrin ketone

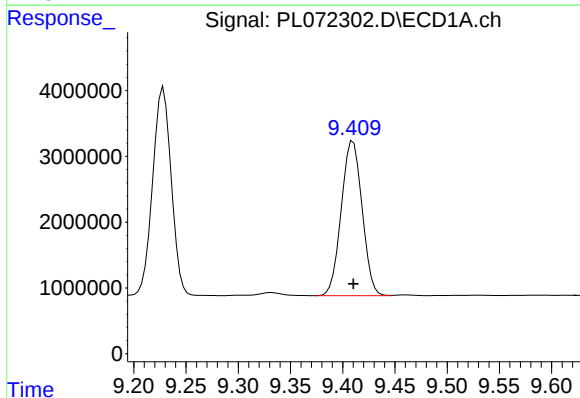
R.T.: 9.228 min  
Delta R.T.: 0.000 min  
Response: 39072419  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



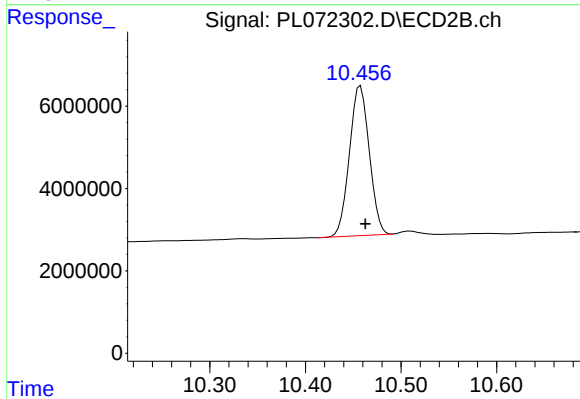
#21 Endrin ketone

R.T.: 9.995 min  
Delta R.T.: -0.003 min  
Response: 74258762  
Conc: 44.87 ng/ml



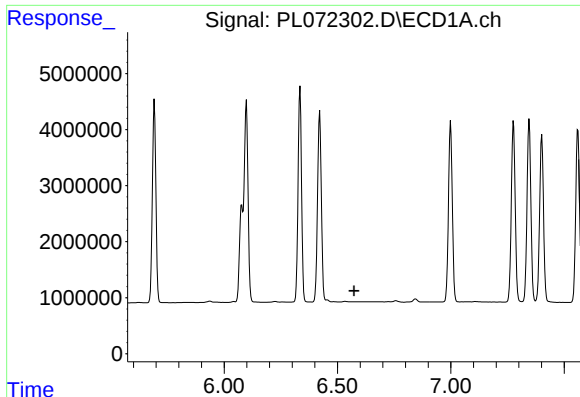
#22 Mirex

R.T.: 9.410 min  
Delta R.T.: 0.000 min  
Response: 32646103  
Conc: 44.21 ng/ml



#22 Mirex

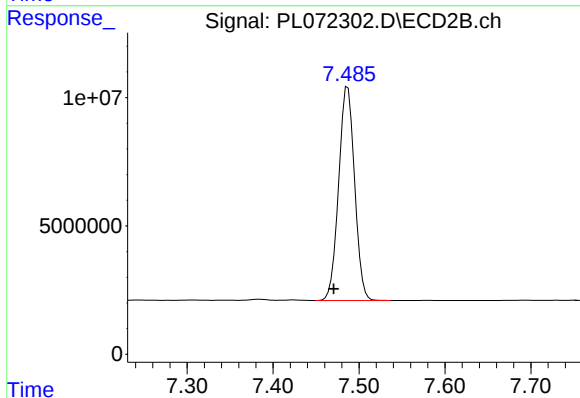
R.T.: 10.458 min  
Delta R.T.: -0.005 min  
Response: 52503973  
Conc: 42.08 ng/ml



#24 Chlordane-2

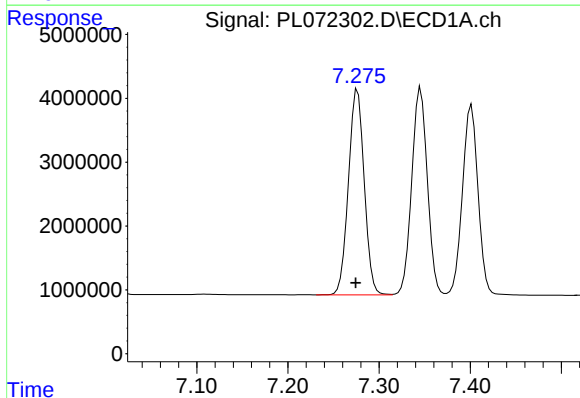
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



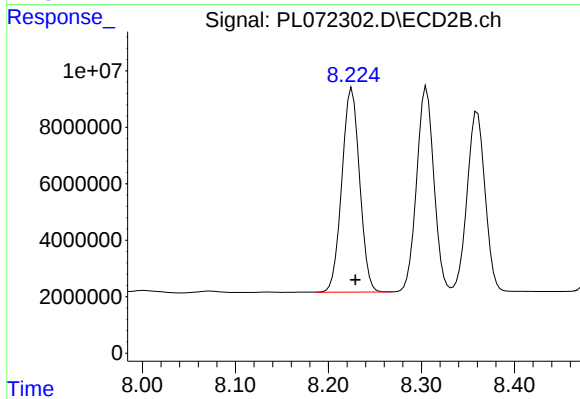
#24 Chlordane-2

R.T.: 7.487 min  
Delta R.T.: 0.016 min  
Response: 107410502  
Conc: 1536.76 ng/ml



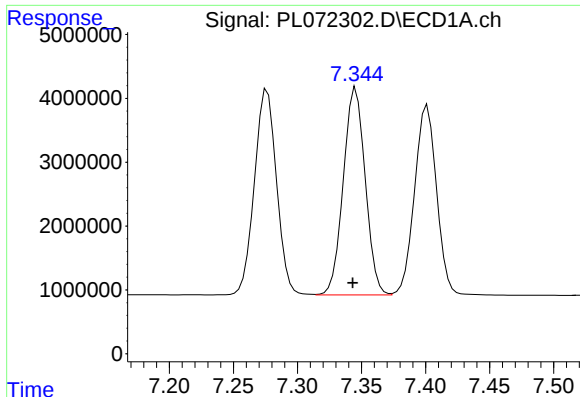
#25 Chlordane-3

R.T.: 7.276 min  
Delta R.T.: 0.002 min  
Response: 38691969  
Conc: 505.72 ng/ml



#25 Chlordane-3

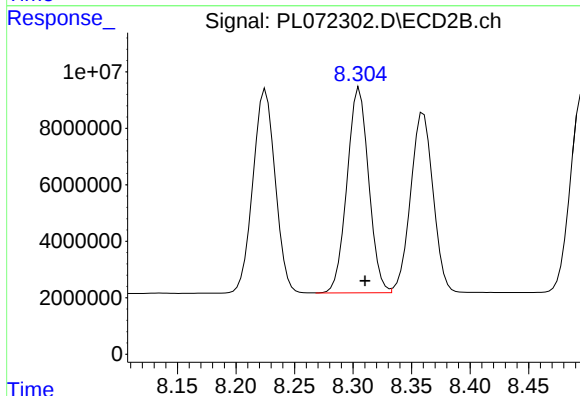
R.T.: 8.225 min  
Delta R.T.: -0.004 min  
Response: 95776744  
Conc: 344.73 ng/ml



#26 Chlordane-4

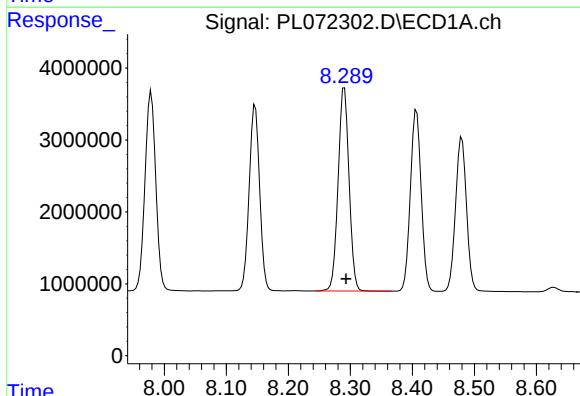
R.T.: 7.346 min  
Delta R.T.: 0.002 min  
Response: 38608519  
Conc: 467.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



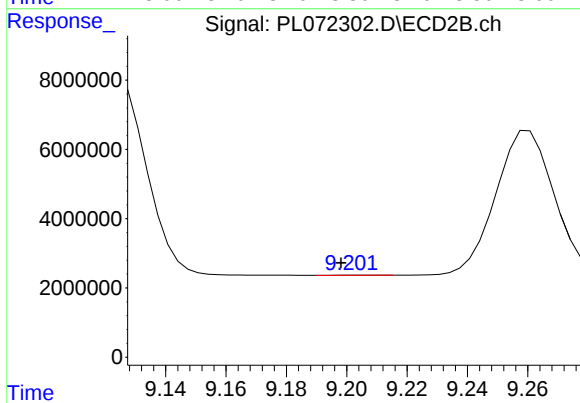
#26 Chlordane-4

R.T.: 8.305 min  
Delta R.T.: -0.005 min  
Response: 93440761  
Conc: 281.39 ng/ml



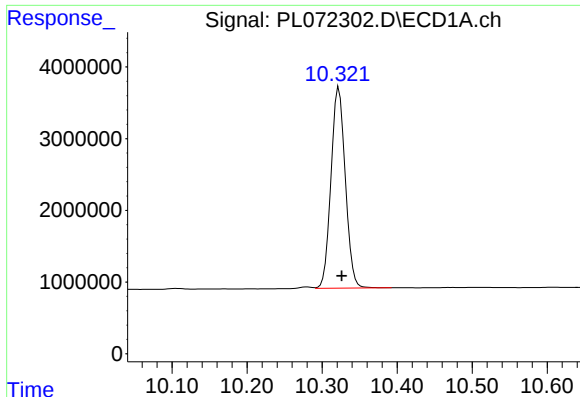
#27 Chlordane-5

R.T.: 8.290 min  
Delta R.T.: -0.003 min  
Response: 34891302  
Conc: 1197.22 ng/ml



#27 Chlordane-5

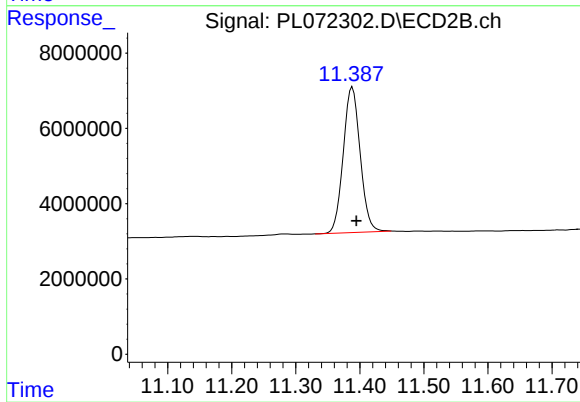
R.T.: 9.202 min  
Delta R.T.: 0.004 min  
Response: 88874  
Conc: 1.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.322 min  
Delta R.T.: -0.004 min  
Response: 37162102  
Conc: 41.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.388 min  
Delta R.T.: -0.006 min  
Response: 70845049  
Conc: 43.91 ng/ml