

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112421\  
 Data File : PL071147.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Nov 2021 12:33  
 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: Nov 25 06:05:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
 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... | 4.565  | 5.501  | 24206500 | 64449559 | 49.421   | 51.116     |
| 28)                         | SA Decachlor... | 10.326 | 11.390 | 34607807 | 69008480 | 50.648   | 51.600     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.270  | 6.081  | 33736028 | 97257927 | 50.397   | 52.834     |
| 3)                          | MA gamma-BHC... | 5.693  | 6.477  | 33277543 | 91378646 | 49.610   | 52.697     |
| 4)                          | MA Heptachlor   | 6.100  | 7.123  | 36265532 | 91167054 | 50.543   | 56.128     |
| 5)                          | MB Aldrin       | 6.424  | 7.493  | 31975436 | 82475566 | 50.003   | 50.791     |
| 6)                          | B beta-BHC      | 6.076  | 6.733  | 15642997 | 41012142 | 48.157   | 47.865     |
| 7)                          | B delta-BHC     | 6.335  | 6.999  | 33781616 | 89343832 | 51.044   | 53.427     |
| 8)                          | B Heptachlo...  | 7.001  | 7.960  | 31611002 | 76761763 | 48.621   | 50.363     |
| 9)                          | A Endosulfan I  | 7.403  | 8.364  | 29921053 | 74141405 | 48.846   | 51.536     |
| 10)                         | B gamma-Chl...  | 7.278  | 8.229  | 32129751 | 78413311 | 48.401   | 50.643     |
| 11)                         | B alpha-Chl...  | 7.348  | 8.309  | 32380934 | 78245453 | 48.593   | 51.444     |
| 12)                         | B 4,4'-DDE      | 7.563  | 8.499  | 29101324 | 77321715 | 49.948   | 52.403     |
| 13)                         | MA Dieldrin     | 7.689  | 8.653  | 30614232 | 76564375 | 49.045   | 52.545     |
| 14)                         | MA Endrin       | 7.981  | 8.892  | 28295472 | 66519919 | 49.907   | 57.429     |
| 15)                         | B Endosulfa...  | 8.291  | 9.127  | 29542668 | 65948640 | 48.803   | 53.996     |
| 16)                         | A 4,4'-DDD      | 8.149  | 9.038  | 25112725 | 58221123 | 49.425   | 48.379     |
| 17)                         | MA 4,4'-DDT     | 8.409  | 9.355  | 28026010 | 69031244 | 50.959   | 54.718     |
| 18)                         | B Endrin al...  | 8.480  | 9.261  | 22872180 | 50954498 | 50.344   | 52.691     |
| 19)                         | B Endosulfa...  | 8.711  | 9.499  | 30091766 | 63372829 | 48.780   | 51.132     |
| 20)                         | A Methoxychlor  | 9.004  | 9.841  | 17984270 | 35871349 | 49.159   | 53.001     |
| 21)                         | B Endrin ke...  | 9.229  | 9.995  | 35480451 | 70487436 | 49.619   | 49.103     |
| 22)                         | Mirex           | 9.412  | 10.459 | 30069913 | 52616737 | 48.963   | 50.515     |
| 24)                         | Chlordane-2     | 0.000  | 7.493f | 0        | 82475566 | N.D.     | 1572.313 # |
| 25)                         | Chlordane-3     | 7.278  | 8.229  | 32129751 | 78413311 | 526.260  | 387.939 #  |
| 26)                         | Chlordane-4     | 7.348  | 8.309  | 32380934 | 78245453 | 493.233  | 322.435 #  |
| 27)                         | Chlordane-5     | 8.291  | 0.000  | 29542668 | 0        | 1321.354 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

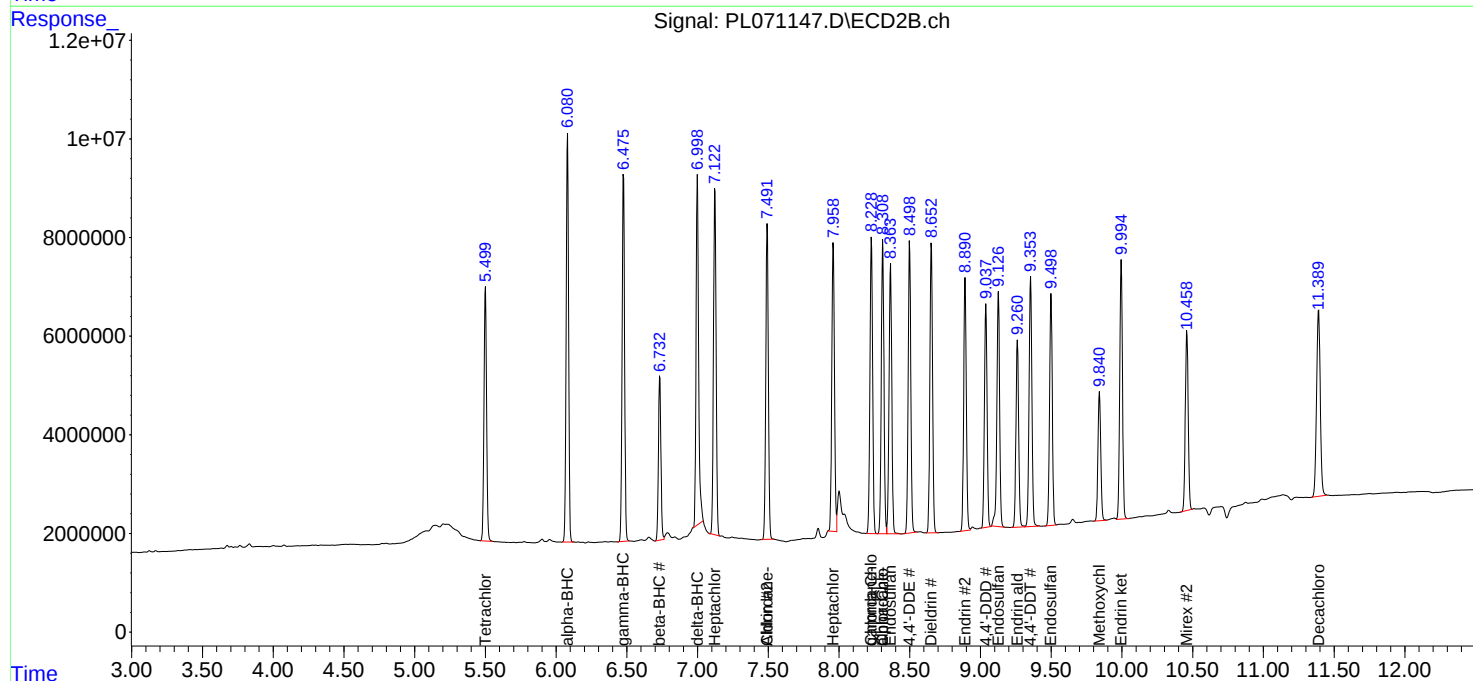
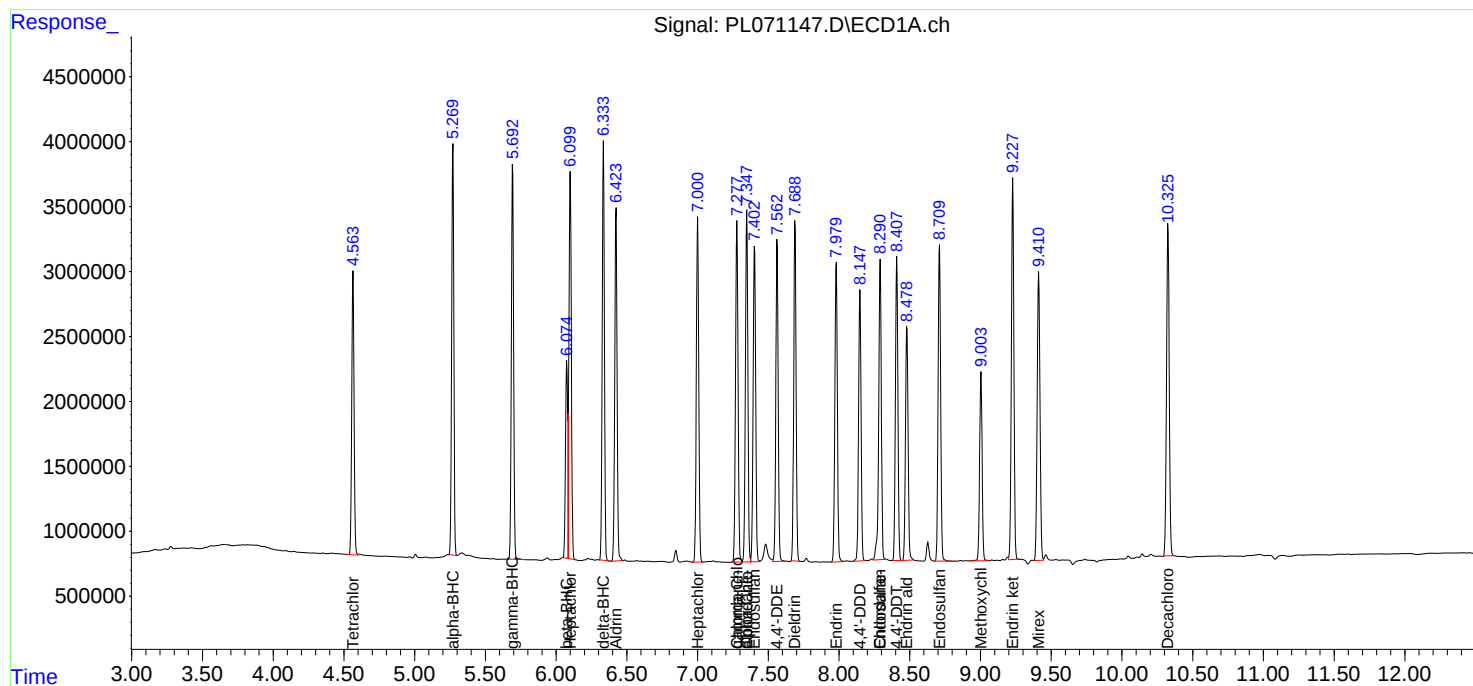
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

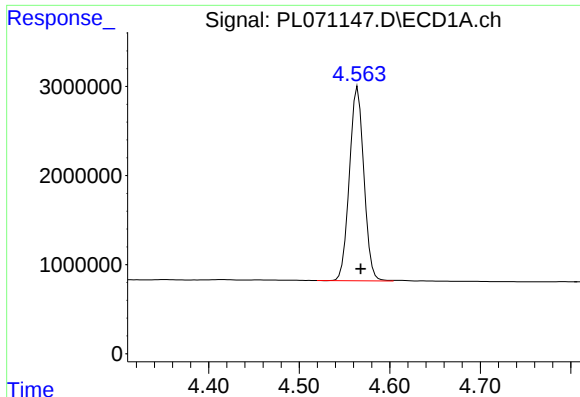
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112421\  
 Data File : PL071147.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Nov 2021 12:33  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
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 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 25 06:05:00 2021  
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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

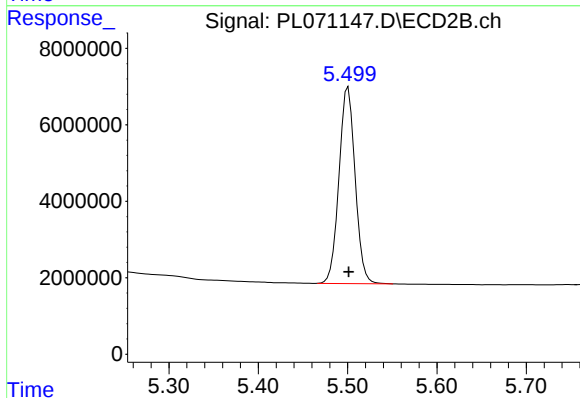




#1 Tetrachloro-m-xylene

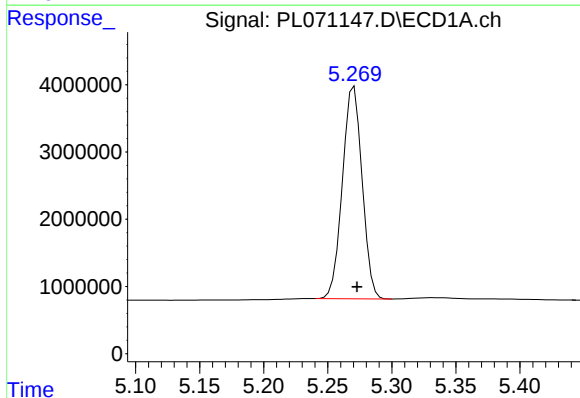
R.T.: 4.565 min  
Delta R.T.: -0.003 min  
Response: 24206500  
Conc: 49.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



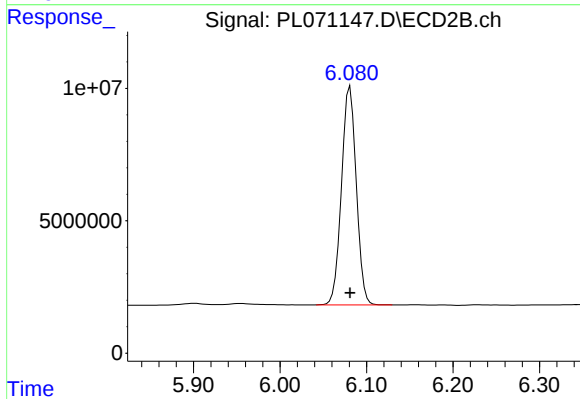
#1 Tetrachloro-m-xylene

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 64449559  
Conc: 51.12 ng/ml



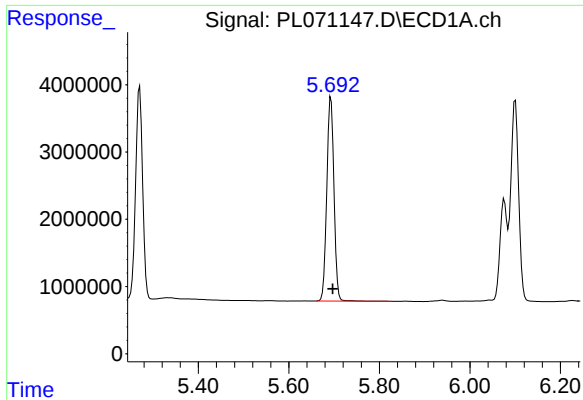
#2 alpha-BHC

R.T.: 5.270 min  
Delta R.T.: -0.002 min  
Response: 33736028  
Conc: 50.40 ng/ml



#2 alpha-BHC

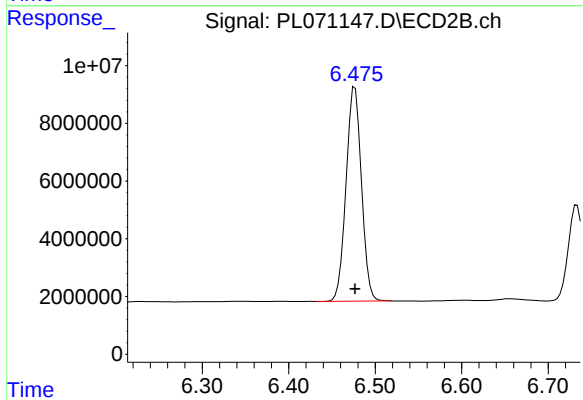
R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 97257927  
Conc: 52.83 ng/ml



#3 gamma-BHC (Lindane)

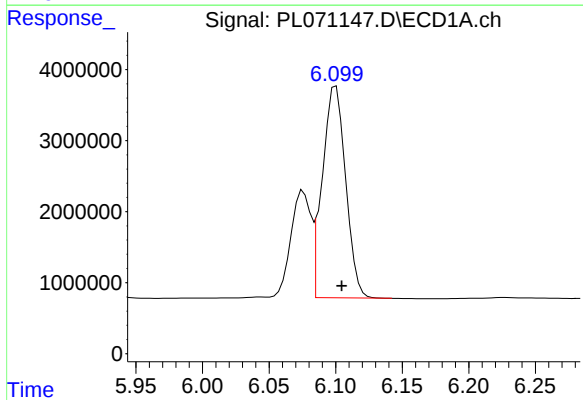
R.T.: 5.693 min  
Delta R.T.: -0.004 min  
Response: 33277543  
Conc: 49.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



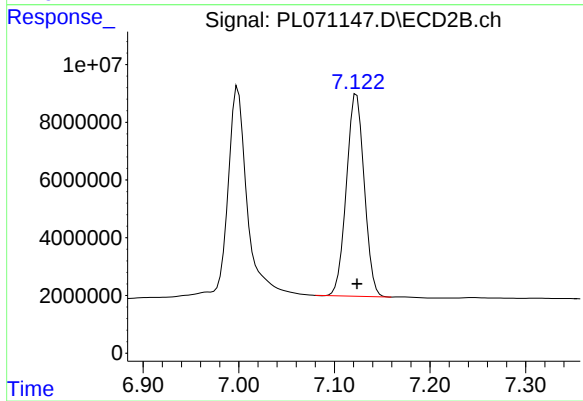
#3 gamma-BHC (Lindane)

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 91378646  
Conc: 52.70 ng/ml



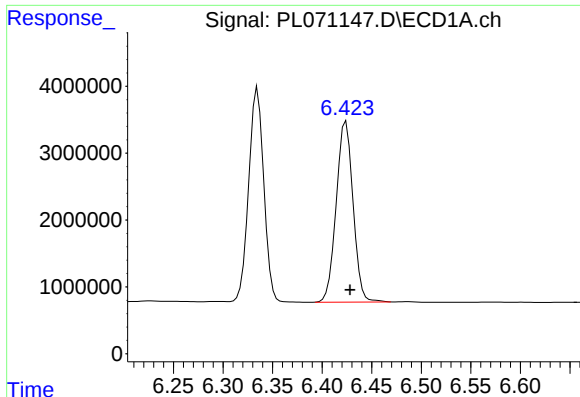
#4 Heptachlor

R.T.: 6.100 min  
Delta R.T.: -0.004 min  
Response: 36265532  
Conc: 50.54 ng/ml



#4 Heptachlor

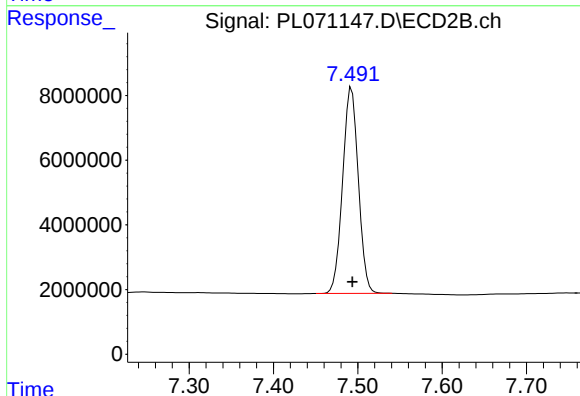
R.T.: 7.123 min  
Delta R.T.: 0.000 min  
Response: 91167054  
Conc: 56.13 ng/ml



#5 Aldrin

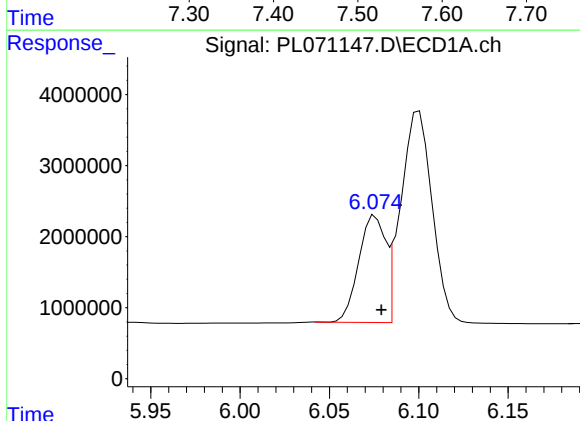
R.T.: 6.424 min  
Delta R.T.: -0.004 min  
Response: 31975436  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



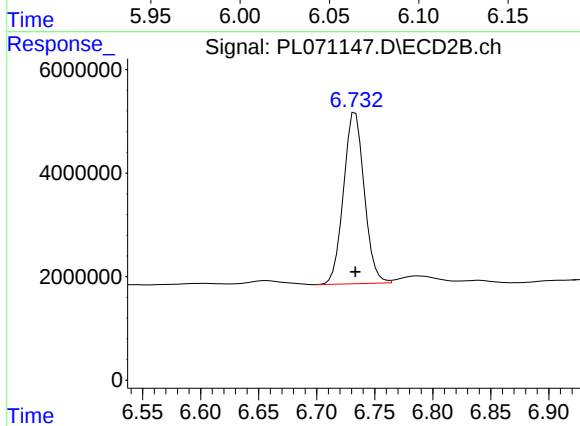
#5 Aldrin

R.T.: 7.493 min  
Delta R.T.: 0.000 min  
Response: 82475566  
Conc: 50.79 ng/ml



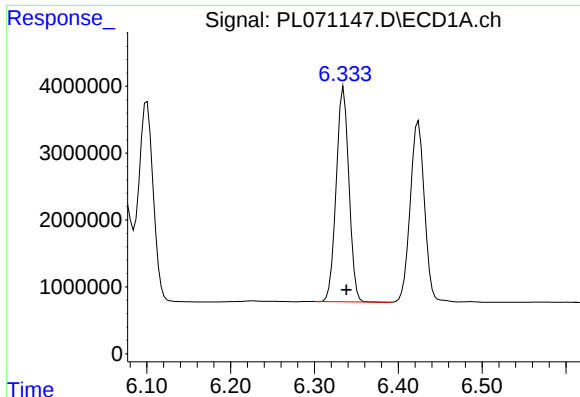
#6 beta-BHC

R.T.: 6.076 min  
Delta R.T.: -0.003 min  
Response: 15642997  
Conc: 48.16 ng/ml



#6 beta-BHC

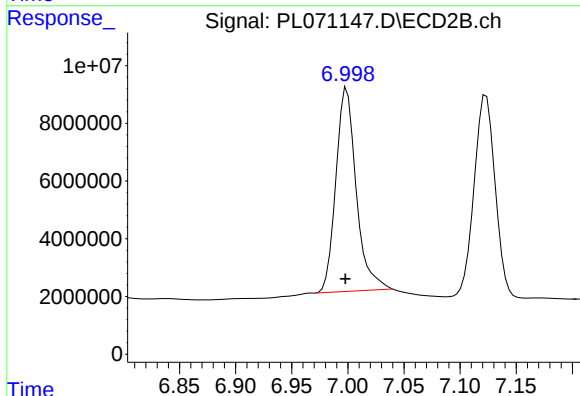
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 41012142  
Conc: 47.87 ng/ml



#7 delta-BHC

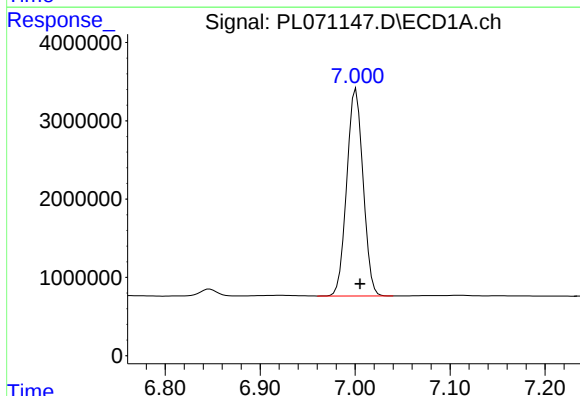
R.T.: 6.335 min  
Delta R.T.: -0.003 min  
Response: 33781616  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



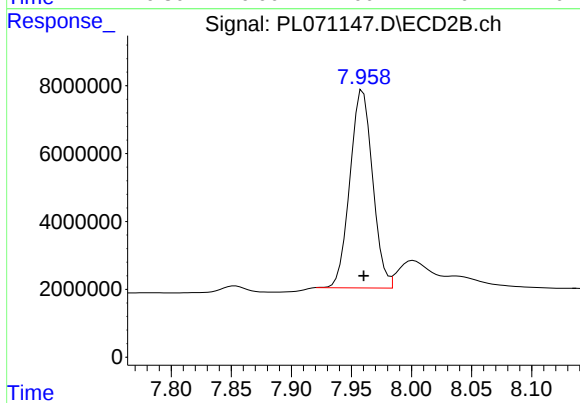
#7 delta-BHC

R.T.: 6.999 min  
Delta R.T.: 0.001 min  
Response: 89343832  
Conc: 53.43 ng/ml



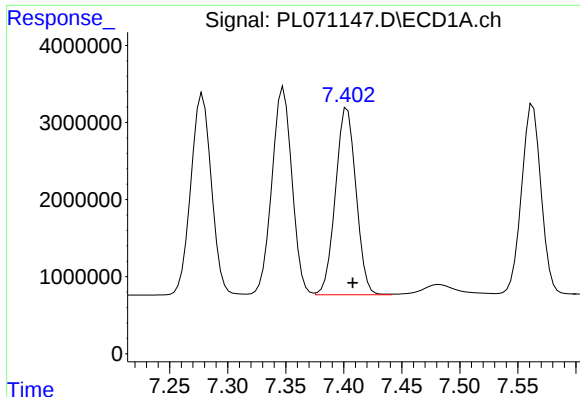
#8 Heptachlor epoxide

R.T.: 7.001 min  
Delta R.T.: -0.004 min  
Response: 31611002  
Conc: 48.62 ng/ml



#8 Heptachlor epoxide

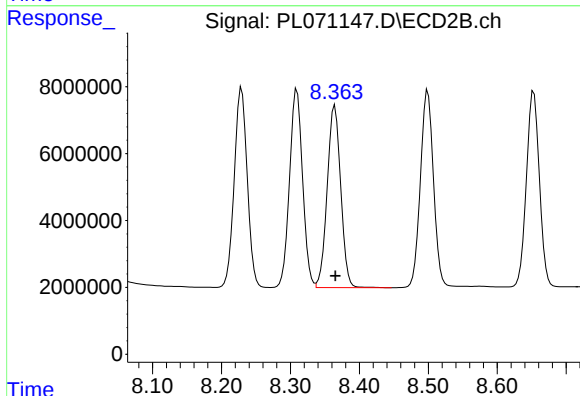
R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 76761763  
Conc: 50.36 ng/ml



#9 Endosulfan I

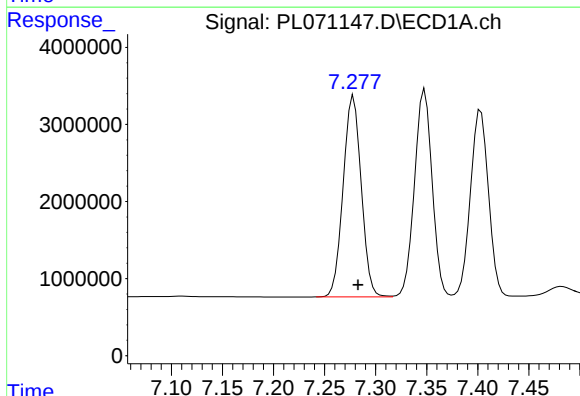
R.T.: 7.403 min  
Delta R.T.: -0.004 min  
Response: 29921053  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



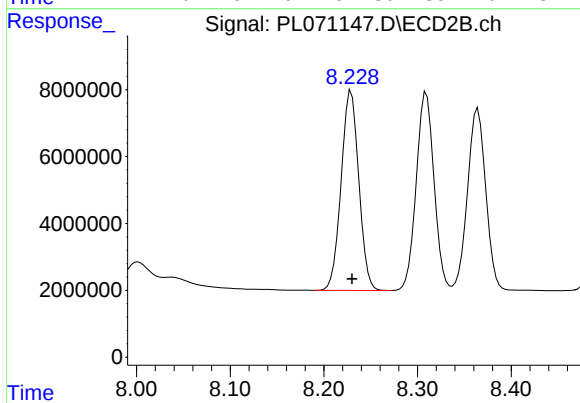
#9 Endosulfan I

R.T.: 8.364 min  
Delta R.T.: 0.000 min  
Response: 74141405  
Conc: 51.54 ng/ml



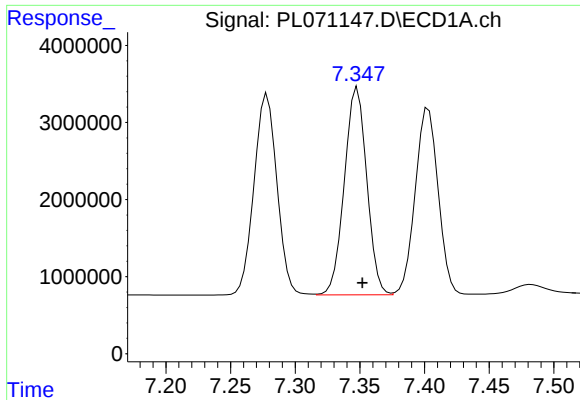
#10 gamma-Chlordane

R.T.: 7.278 min  
Delta R.T.: -0.004 min  
Response: 32129751  
Conc: 48.40 ng/ml



#10 gamma-Chlordane

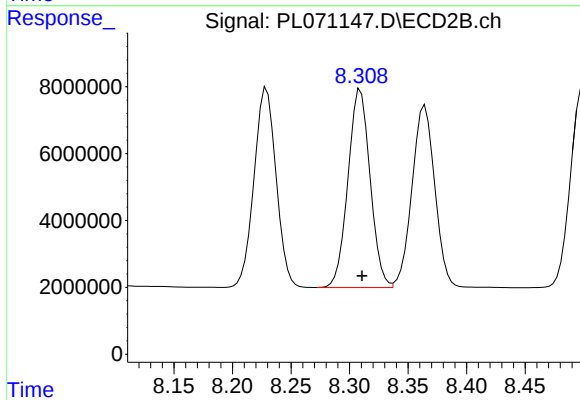
R.T.: 8.229 min  
Delta R.T.: 0.000 min  
Response: 78413311  
Conc: 50.64 ng/ml



#11 alpha-Chlordane

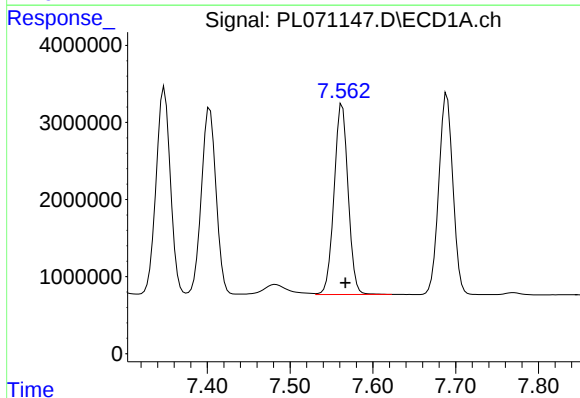
R.T.: 7.348 min  
Delta R.T.: -0.004 min  
Response: 32380934  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



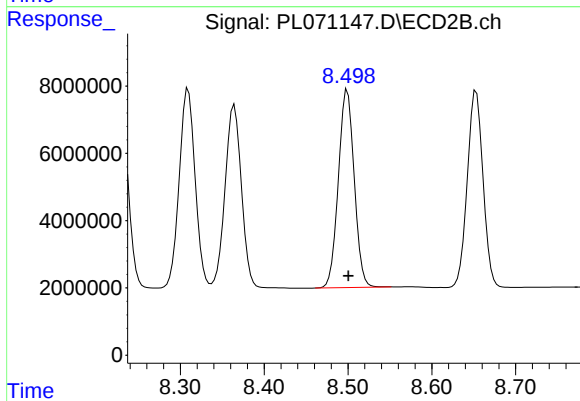
#11 alpha-Chlordane

R.T.: 8.309 min  
Delta R.T.: -0.001 min  
Response: 78245453  
Conc: 51.44 ng/ml



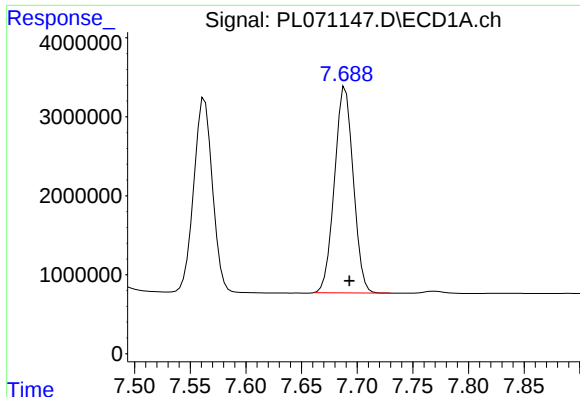
#12 4,4'-DDE

R.T.: 7.563 min  
Delta R.T.: -0.004 min  
Response: 29101324  
Conc: 49.95 ng/ml



#12 4,4'-DDE

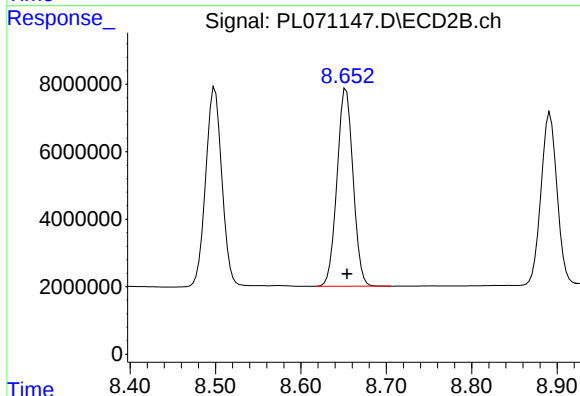
R.T.: 8.499 min  
Delta R.T.: 0.000 min  
Response: 77321715  
Conc: 52.40 ng/ml



#13 Dieldrin

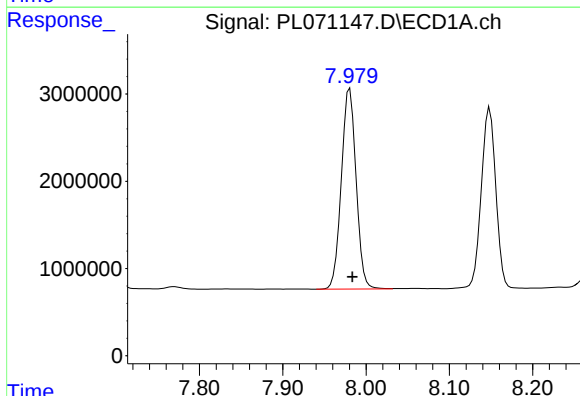
R.T.: 7.689 min  
Delta R.T.: -0.004 min  
Response: 30614232  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



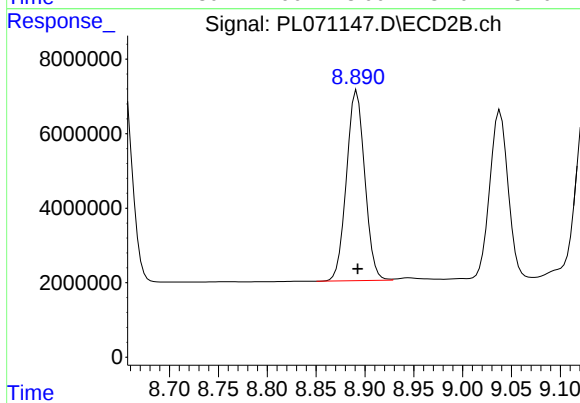
#13 Dieldrin

R.T.: 8.653 min  
Delta R.T.: -0.001 min  
Response: 76564375  
Conc: 52.54 ng/ml



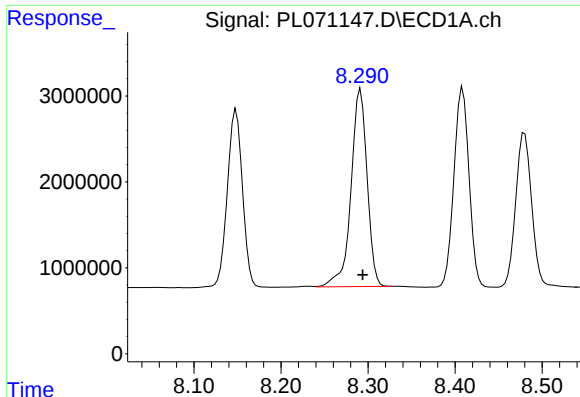
#14 Endrin

R.T.: 7.981 min  
Delta R.T.: -0.003 min  
Response: 28295472  
Conc: 49.91 ng/ml



#14 Endrin

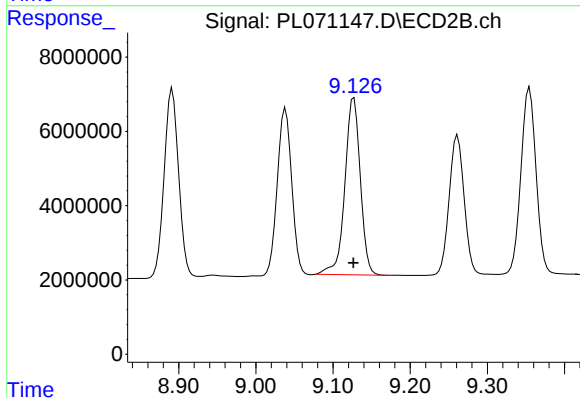
R.T.: 8.892 min  
Delta R.T.: -0.001 min  
Response: 66519919  
Conc: 57.43 ng/ml



#15 Endosulfan II

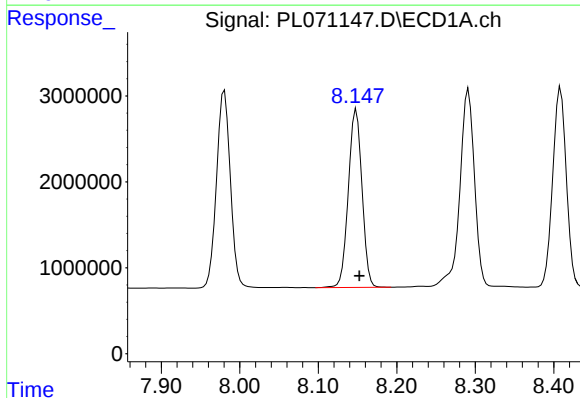
R.T.: 8.291 min  
Delta R.T.: -0.002 min  
Response: 29542668  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



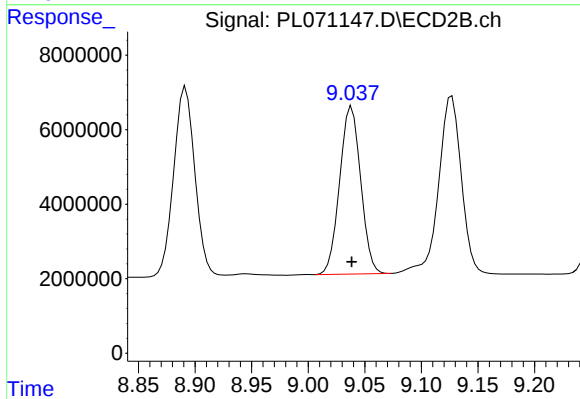
#15 Endosulfan II

R.T.: 9.127 min  
Delta R.T.: 0.000 min  
Response: 65948640  
Conc: 54.00 ng/ml



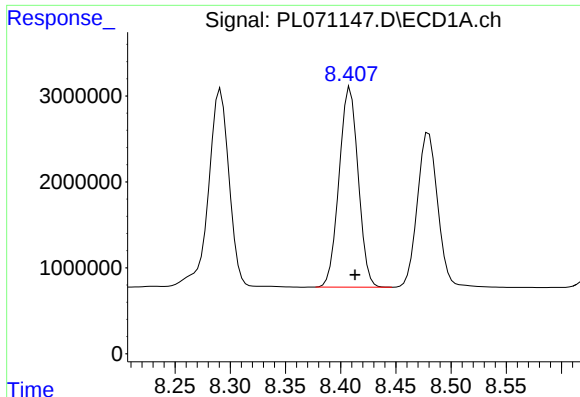
#16 4,4'-DDD

R.T.: 8.149 min  
Delta R.T.: -0.004 min  
Response: 25112725  
Conc: 49.43 ng/ml



#16 4,4'-DDD

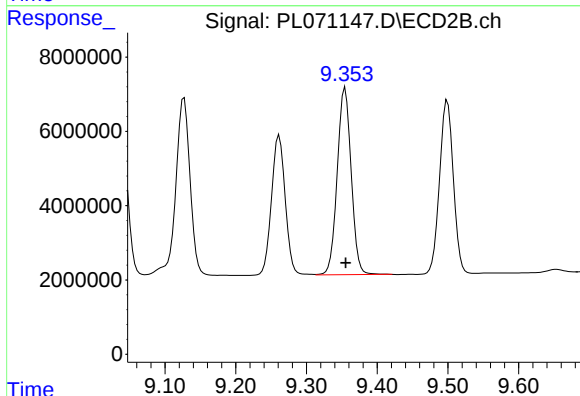
R.T.: 9.038 min  
Delta R.T.: 0.000 min  
Response: 58221123  
Conc: 48.38 ng/ml



#17 4,4'-DDT

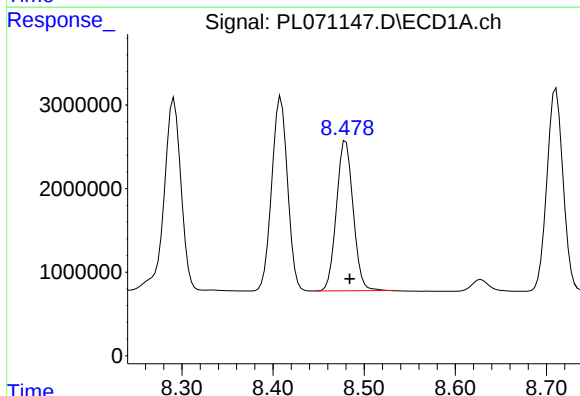
R.T.: 8.409 min  
Delta R.T.: -0.004 min  
Response: 28026010  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



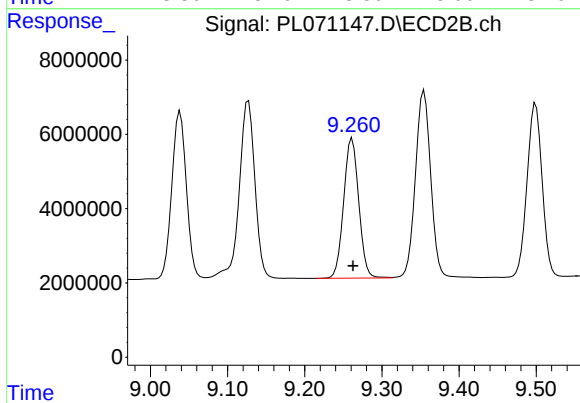
#17 4,4'-DDT

R.T.: 9.355 min  
Delta R.T.: -0.001 min  
Response: 69031244  
Conc: 54.72 ng/ml



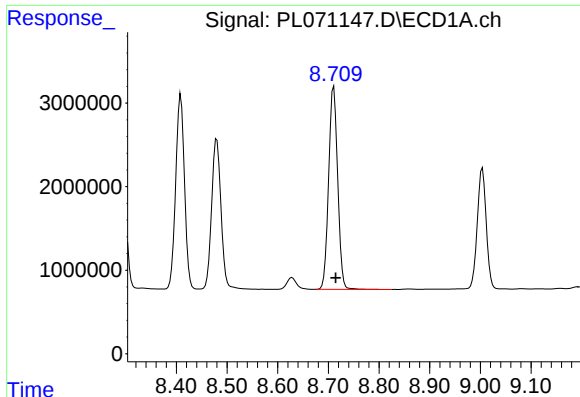
#18 Endrin aldehyde

R.T.: 8.480 min  
Delta R.T.: -0.004 min  
Response: 22872180  
Conc: 50.34 ng/ml



#18 Endrin aldehyde

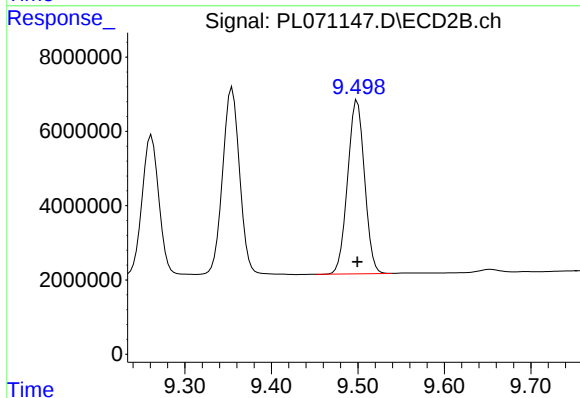
R.T.: 9.261 min  
Delta R.T.: 0.000 min  
Response: 50954498  
Conc: 52.69 ng/ml



#19 Endosulfan Sulfate

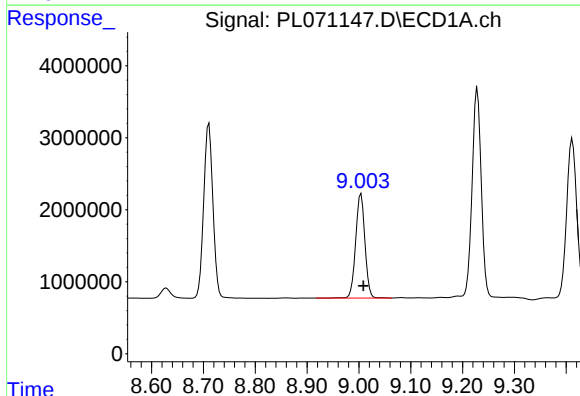
R.T.: 8.711 min  
Delta R.T.: -0.004 min  
Response: 30091766  
Conc: 48.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



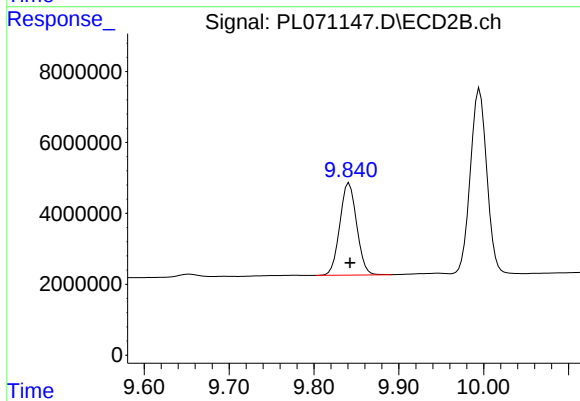
#19 Endosulfan Sulfate

R.T.: 9.499 min  
Delta R.T.: 0.000 min  
Response: 63372829  
Conc: 51.13 ng/ml



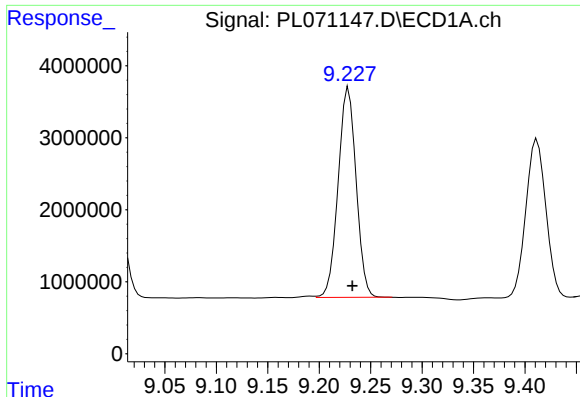
#20 Methoxychlor

R.T.: 9.004 min  
Delta R.T.: -0.005 min  
Response: 17984270  
Conc: 49.16 ng/ml



#20 Methoxychlor

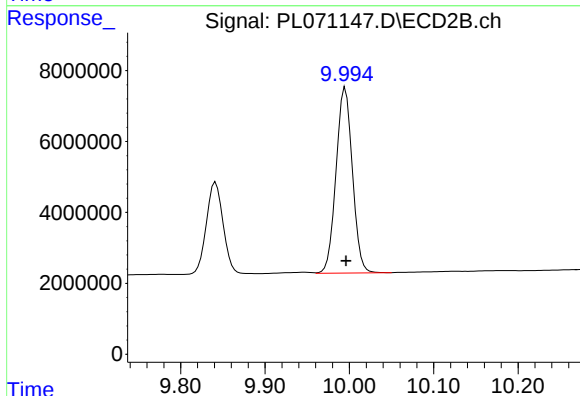
R.T.: 9.841 min  
Delta R.T.: -0.001 min  
Response: 35871349  
Conc: 53.00 ng/ml



#21 Endrin ketone

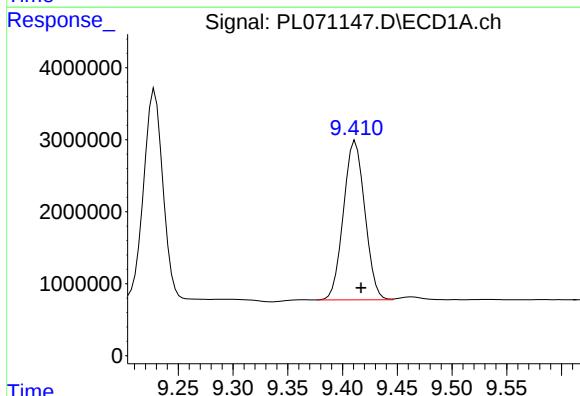
R.T.: 9.229 min  
Delta R.T.: -0.004 min  
Response: 35480451  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



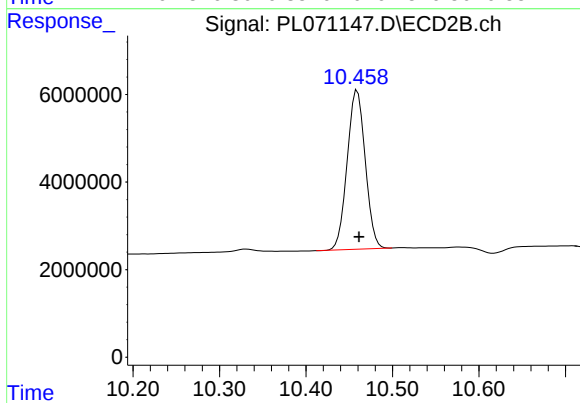
#21 Endrin ketone

R.T.: 9.995 min  
Delta R.T.: -0.001 min  
Response: 70487436  
Conc: 49.10 ng/ml



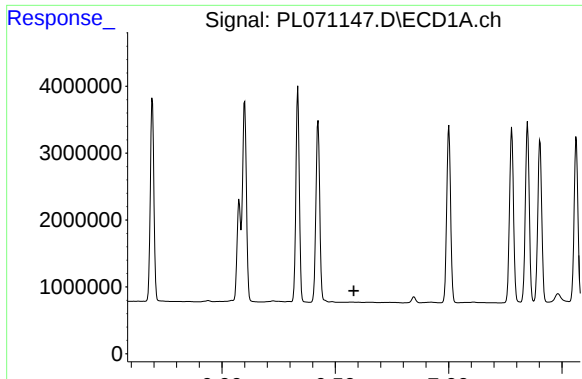
#22 Mirex

R.T.: 9.412 min  
Delta R.T.: -0.005 min  
Response: 30069913  
Conc: 48.96 ng/ml



#22 Mirex

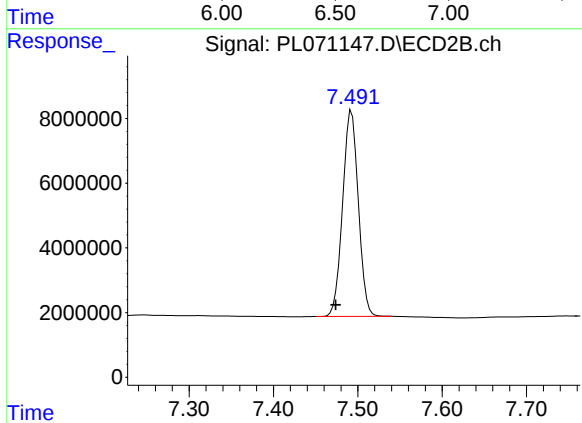
R.T.: 10.459 min  
Delta R.T.: -0.002 min  
Response: 52616737  
Conc: 50.52 ng/ml



#24 Chlordane-2

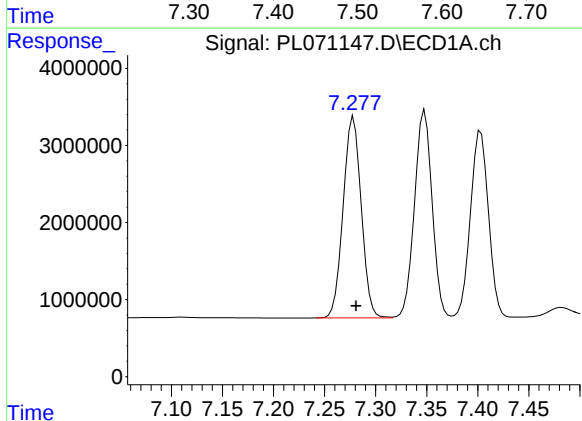
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



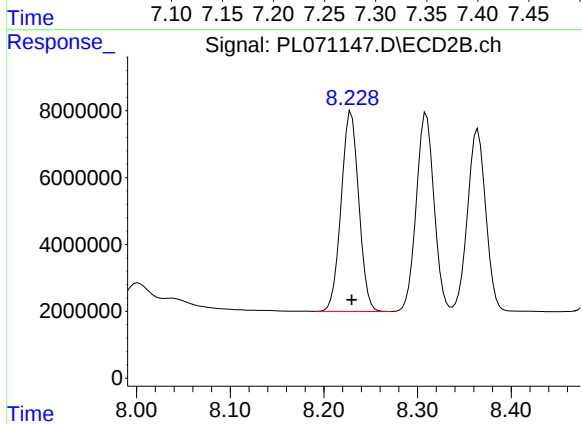
#24 Chlordane-2

R.T.: 7.493 min  
Delta R.T.: 0.019 min  
Response: 82475566  
Conc: 1572.31 ng/ml



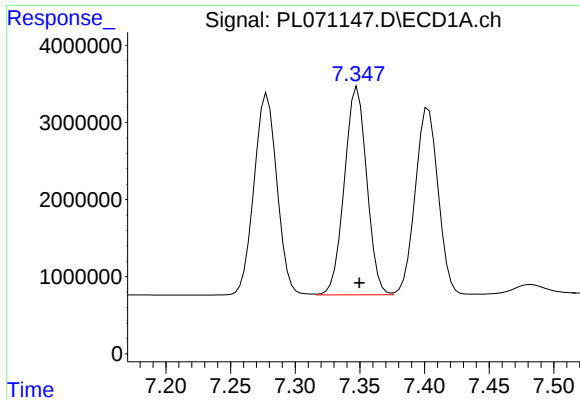
#25 Chlordane-3

R.T.: 7.278 min  
Delta R.T.: -0.003 min  
Response: 32129751  
Conc: 526.26 ng/ml



#25 Chlordane-3

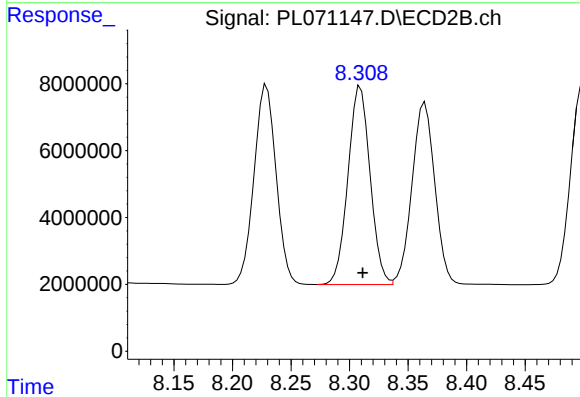
R.T.: 8.229 min  
Delta R.T.: 0.000 min  
Response: 78413311  
Conc: 387.94 ng/ml



#26 Chlordane-4

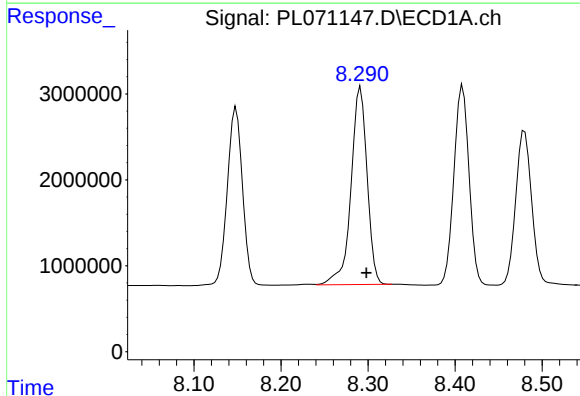
R.T.: 7.348 min  
Delta R.T.: -0.001 min  
Response: 32380934  
Conc: 493.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



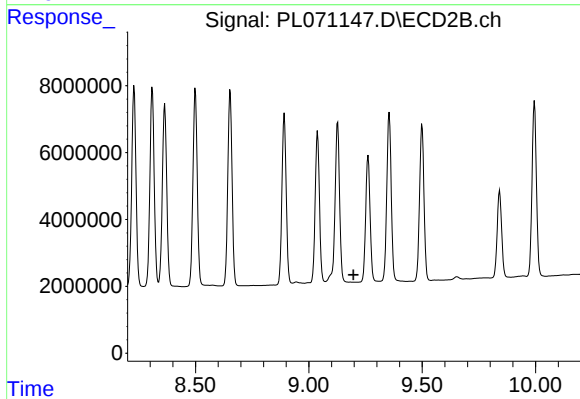
#26 Chlordane-4

R.T.: 8.309 min  
Delta R.T.: -0.002 min  
Response: 78245453  
Conc: 322.43 ng/ml



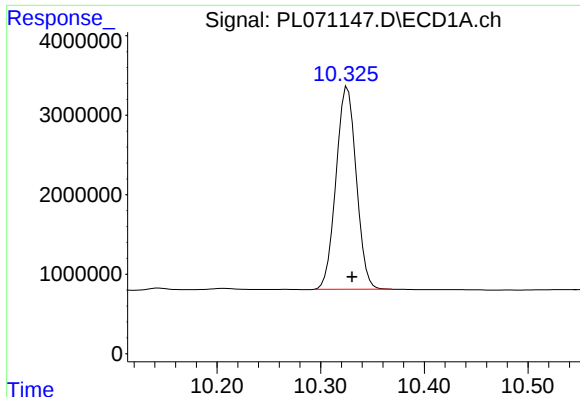
#27 Chlordane-5

R.T.: 8.291 min  
Delta R.T.: -0.007 min  
Response: 29542668  
Conc: 1321.35 ng/ml



#27 Chlordane-5

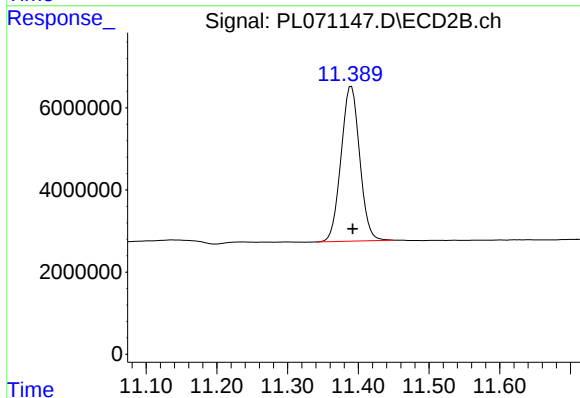
R.T.: 0.000 min  
Exp R.T. : 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.326 min  
Delta R.T.: -0.004 min  
Response: 34607807  
Conc: 50.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.390 min  
Delta R.T.: -0.002 min  
Response: 69008480  
Conc: 51.60 ng/ml