

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123021\  
 Data File : PL071740.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Dec 2021 16:29  
 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: Dec 31 05:25:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122721.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 27 14:06:28 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... | 4.562  | 5.496  | 34435491 | 93070283 | 53.075   | 54.541     |
| 28)                         | SA Decachlor... | 10.323 | 11.390 | 39737250 | 69443281 | 53.377   | 55.409     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.268  | 6.078  | 49394969 | 135.9E6  | 54.334   | 55.669     |
| 3)                          | MA gamma-BHC... | 5.691  | 6.474  | 46741089 | 122.5E6  | 53.323   | 54.015     |
| 4)                          | MA Heptachlor   | 6.097  | 7.120  | 43811093 | 99800009 | 45.572   | 43.191     |
| 5)                          | MB Aldrin       | 6.421  | 7.490  | 46116599 | 112.8E6  | 51.648   | 51.182     |
| 6)                          | B beta-BHC      | 6.074  | 6.733  | 19385532 | 53004651 | 51.012   | 51.487     |
| 7)                          | B delta-BHC     | 6.333  | 6.998  | 45002250 | 111.2E6  | 52.283   | 52.728     |
| 8)                          | B Heptachlo...  | 6.998  | 7.957  | 42936580 | 97867487 | 50.857   | 49.751     |
| 9)                          | A Endosulfan I  | 7.401  | 8.362  | 39058921 | 84284211 | 51.052   | 49.493     |
| 10)                         | B gamma-Chl...  | 7.275  | 8.227  | 42993291 | 95141255 | 50.193   | 48.773     |
| 11)                         | B alpha-Chl...  | 7.345  | 8.307  | 42703897 | 91190418 | 50.279   | 48.927     |
| 12)                         | B 4,4'-DDE      | 7.560  | 8.497  | 38716054 | 85943897 | 51.955   | 48.560     |
| 13)                         | MA Dieldrin     | 7.687  | 8.652  | 41631699 | 89878136 | 50.544   | 48.438     |
| 14)                         | MA Endrin       | 7.978  | 8.891  | 34354495 | 67367257 | 46.176   | 44.701     |
| 15)                         | B Endosulfa...  | 8.290  | 9.127  | 37525220 | 74987328 | 52.155   | 50.435     |
| 16)                         | A 4,4'-DDD      | 8.146  | 9.038  | 31258475 | 62450825 | 52.685   | 48.090     |
| 17)                         | MA 4,4'-DDT     | 8.406  | 9.354  | 30875033 | 58786111 | 47.891   | 43.057     |
| 18)                         | B Endrin al...  | 8.479  | 9.261  | 30458099 | 58769754 | 52.508   | 50.829     |
| 19)                         | B Endosulfa...  | 8.710  | 9.500  | 34800417 | 65232471 | 47.115   | 46.361     |
| 20)                         | A Methoxychlor  | 9.002  | 9.843  | 17149351 | 27549335 | 46.022   | 42.382     |
| 21)                         | B Endrin ke...  | 9.228  | 9.996  | 42378393 | 69354678 | 53.879   | 51.064     |
| 22)                         | Mirex           | 9.410  | 10.459 | 34755175 | 51897480 | 48.088   | 47.759     |
| 24)                         | Chlordane-2     | 0.000  | 7.490f | 0        | 112.8E6  | N.D.     | 1530.464 # |
| 25)                         | Chlordane-3     | 7.275  | 8.227  | 42993291 | 95141255 | 498.477  | 344.305 #  |
| 26)                         | Chlordane-4     | 7.345  | 8.307  | 42703897 | 91190418 | 462.706  | 281.118 #  |
| 27)                         | Chlordane-5     | 8.290  | 0.000  | 37525220 | 0        | 1237.416 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

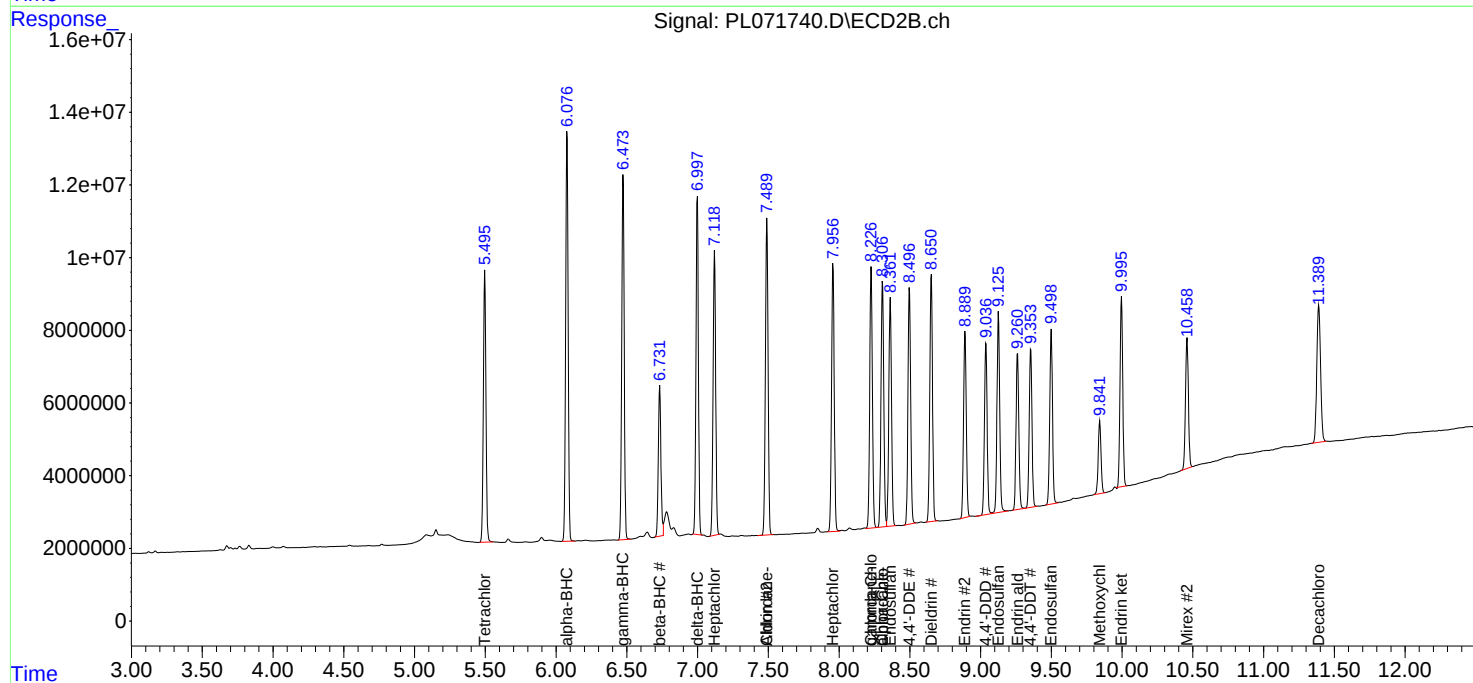
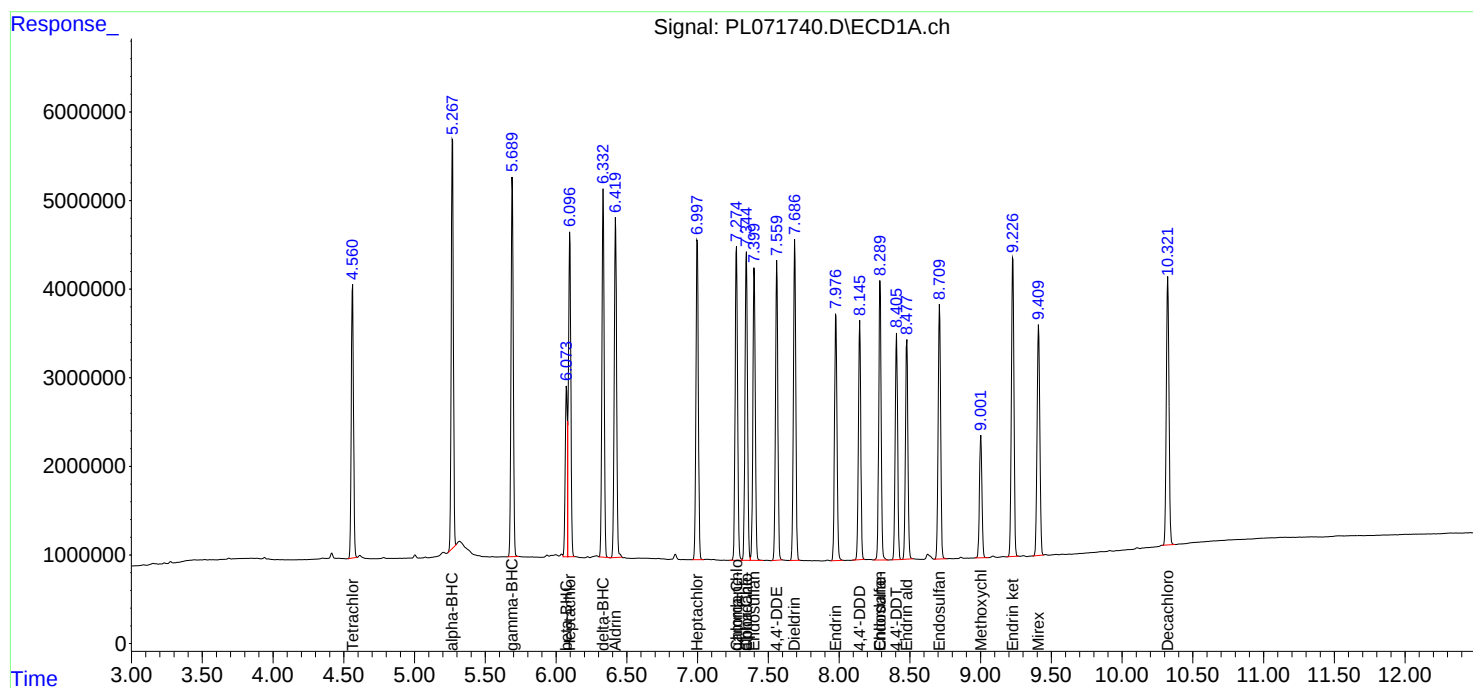
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

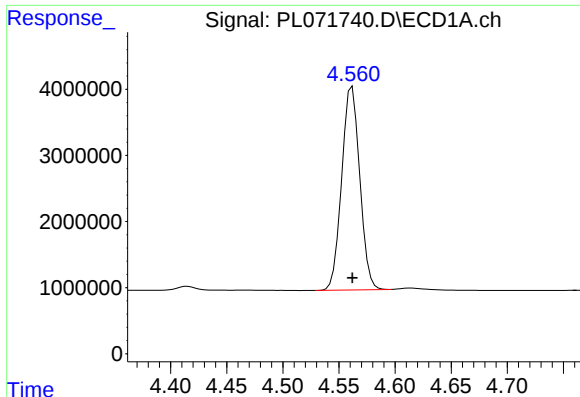
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123021\  
Data File : PL071740.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Dec 2021 16:29  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 31 05:25:27 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122721.M  
Quant Title : GC Extractables  
QLast Update : Mon Dec 27 14:06:28 2021  
Response via : Initial Calibration  
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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

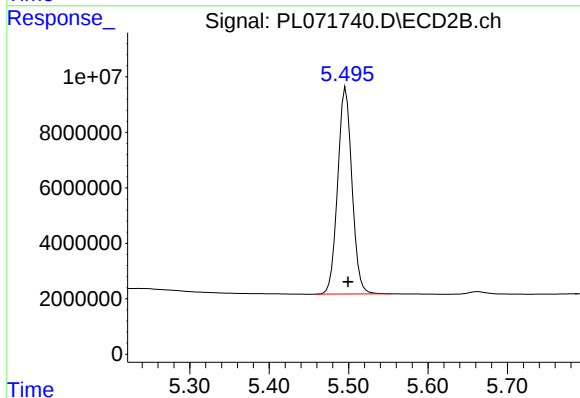




#1 Tetrachloro-m-xylene

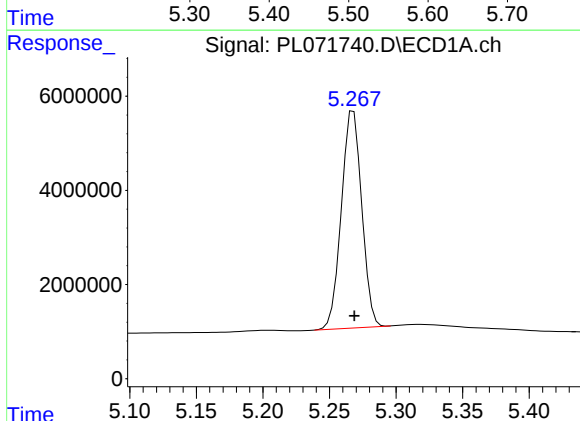
R.T.: 4.562 min  
Delta R.T.: 0.000 min  
Response: 34435491  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



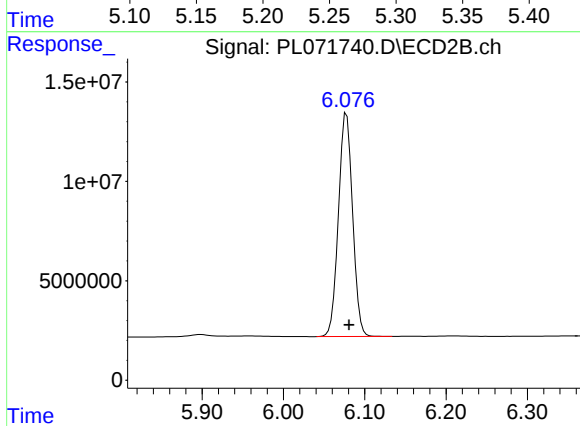
#1 Tetrachloro-m-xylene

R.T.: 5.496 min  
Delta R.T.: -0.003 min  
Response: 93070283  
Conc: 54.54 ng/ml



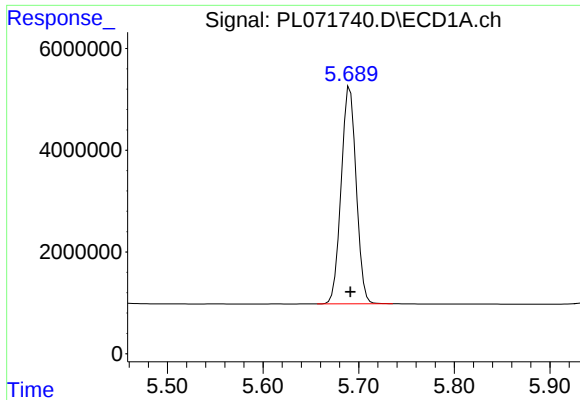
#2 alpha-BHC

R.T.: 5.268 min  
Delta R.T.: 0.000 min  
Response: 49394969  
Conc: 54.33 ng/ml



#2 alpha-BHC

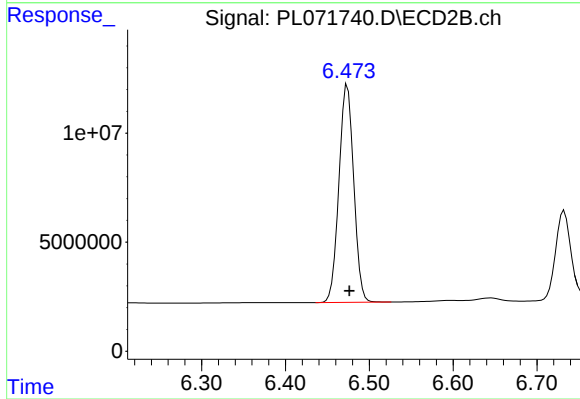
R.T.: 6.078 min  
Delta R.T.: -0.003 min  
Response: 135904819  
Conc: 55.67 ng/ml



#3 gamma-BHC (Lindane)

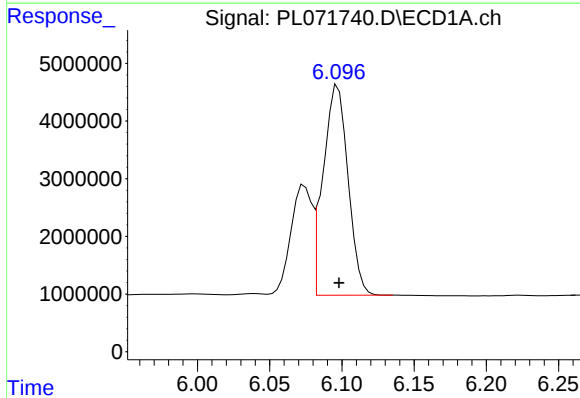
R.T.: 5.691 min  
Delta R.T.: 0.000 min  
Response: 46741089  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



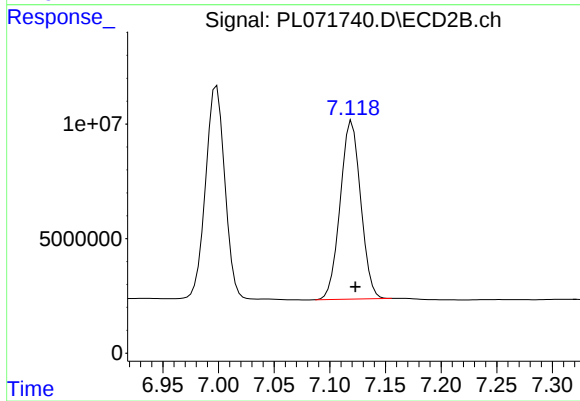
#3 gamma-BHC (Lindane)

R.T.: 6.474 min  
Delta R.T.: -0.003 min  
Response: 122450905  
Conc: 54.02 ng/ml



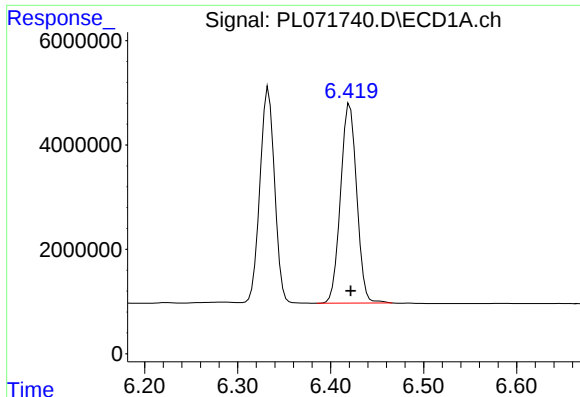
#4 Heptachlor

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 43811093  
Conc: 45.57 ng/ml



#4 Heptachlor

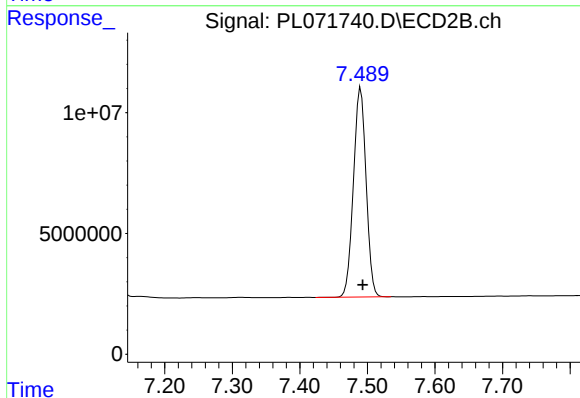
R.T.: 7.120 min  
Delta R.T.: -0.003 min  
Response: 99800009  
Conc: 43.19 ng/ml



#5 Aldrin

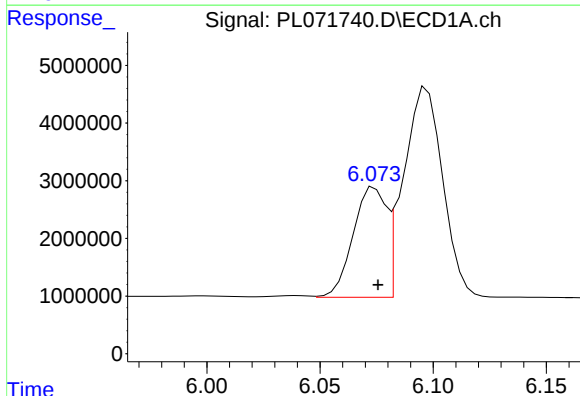
R.T.: 6.421 min  
Delta R.T.: -0.001 min  
Response: 46116599  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



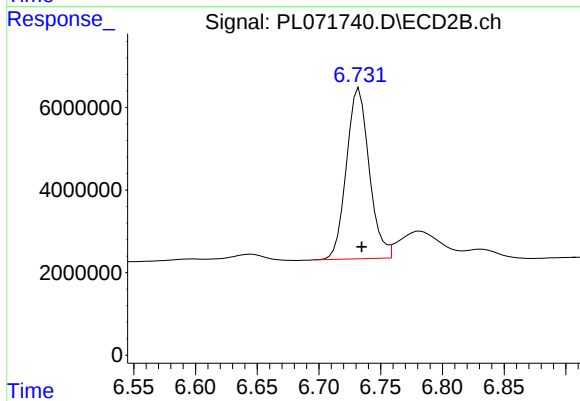
#5 Aldrin

R.T.: 7.490 min  
Delta R.T.: -0.003 min  
Response: 112771070  
Conc: 51.18 ng/ml



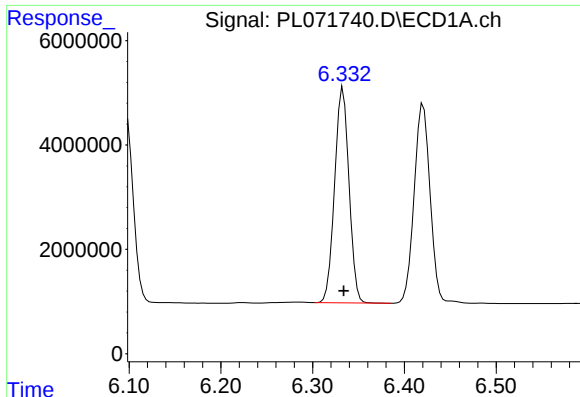
#6 beta-BHC

R.T.: 6.074 min  
Delta R.T.: -0.001 min  
Response: 19385532  
Conc: 51.01 ng/ml



#6 beta-BHC

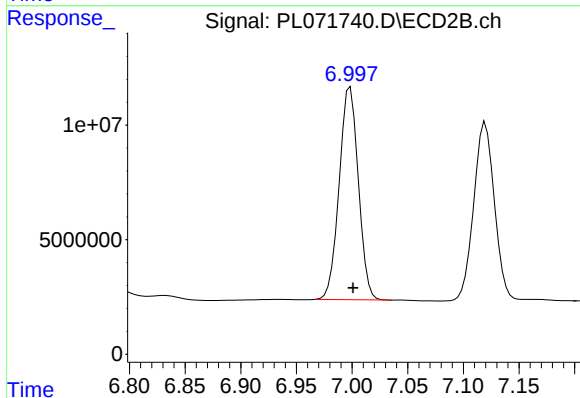
R.T.: 6.733 min  
Delta R.T.: -0.002 min  
Response: 53004651  
Conc: 51.49 ng/ml



#7 delta-BHC

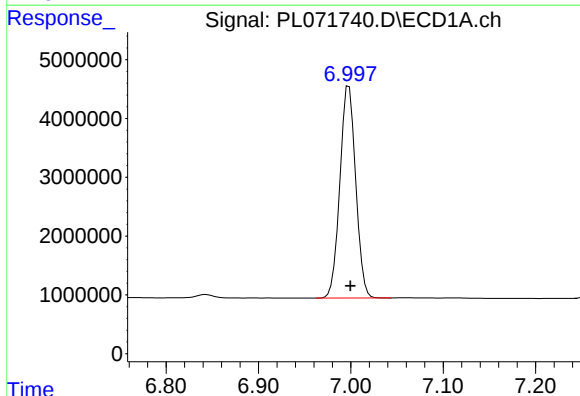
R.T.: 6.333 min  
Delta R.T.: 0.000 min  
Response: 45002250  
Conc: 52.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



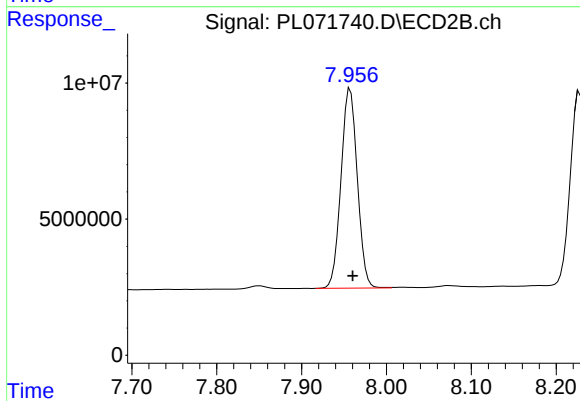
#7 delta-BHC

R.T.: 6.998 min  
Delta R.T.: -0.002 min  
Response: 111188387  
Conc: 52.73 ng/ml



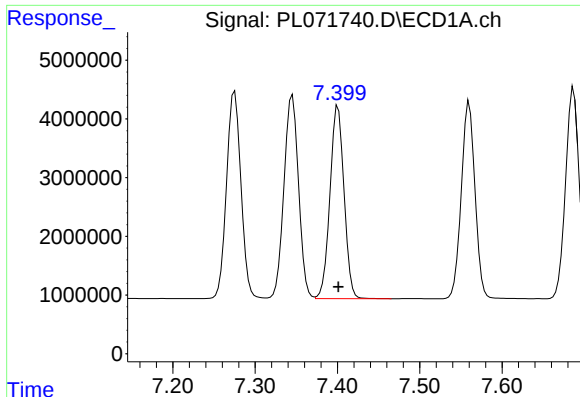
#8 Heptachlor epoxide

R.T.: 6.998 min  
Delta R.T.: -0.002 min  
Response: 42936580  
Conc: 50.86 ng/ml



#8 Heptachlor epoxide

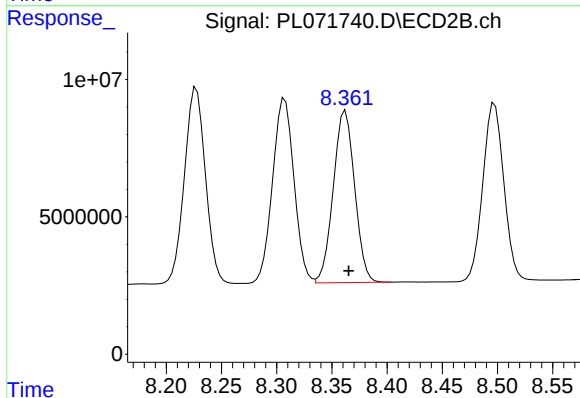
R.T.: 7.957 min  
Delta R.T.: -0.003 min  
Response: 97867487  
Conc: 49.75 ng/ml



#9 Endosulfan I

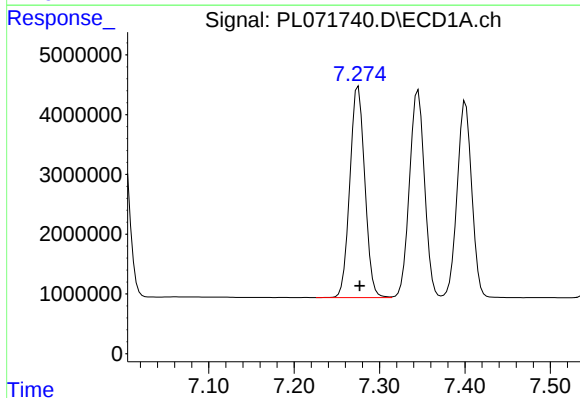
R.T.: 7.401 min  
Delta R.T.: 0.000 min  
Response: 39058921  
Conc: 51.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



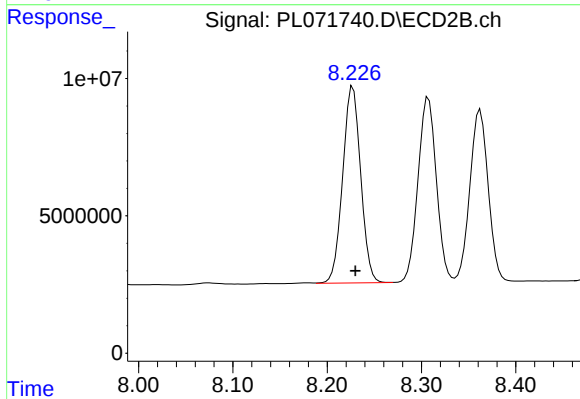
#9 Endosulfan I

R.T.: 8.362 min  
Delta R.T.: -0.003 min  
Response: 84284211  
Conc: 49.49 ng/ml



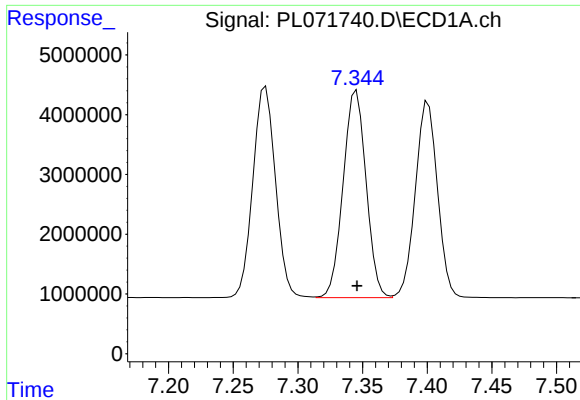
#10 gamma-Chlordane

R.T.: 7.275 min  
Delta R.T.: -0.001 min  
Response: 42993291  
Conc: 50.19 ng/ml



#10 gamma-Chlordane

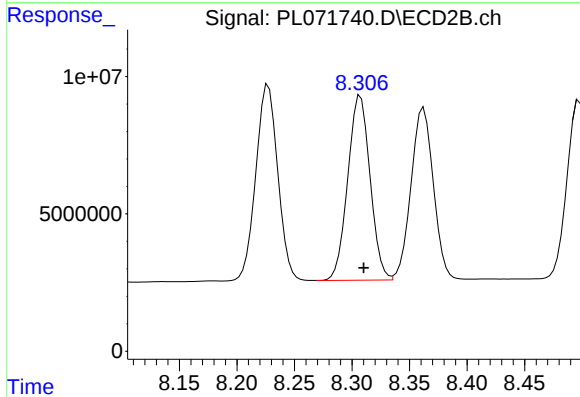
R.T.: 8.227 min  
Delta R.T.: -0.003 min  
Response: 95141255  
Conc: 48.77 ng/ml



#11 alpha-Chlordane

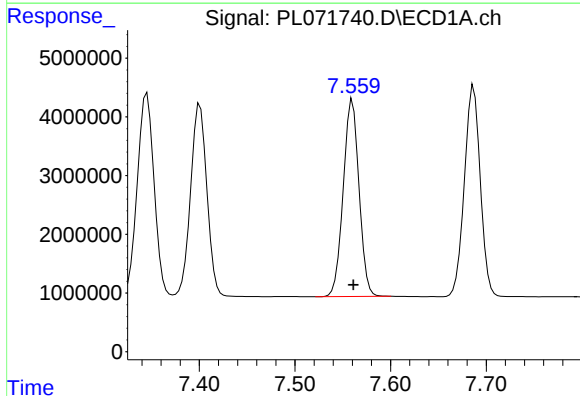
R.T.: 7.345 min  
Delta R.T.: 0.000 min  
Response: 42703897  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



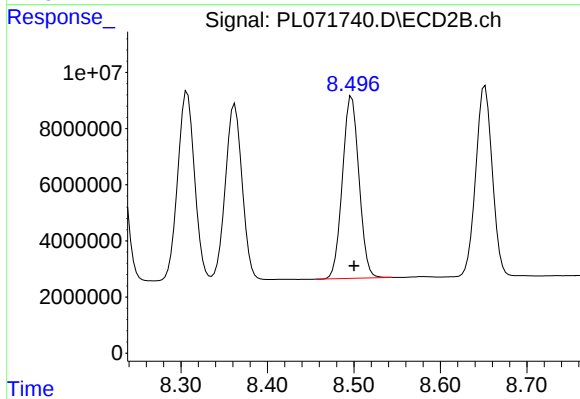
#11 alpha-Chlordane

R.T.: 8.307 min  
Delta R.T.: -0.003 min  
Response: 91190418  
Conc: 48.93 ng/ml



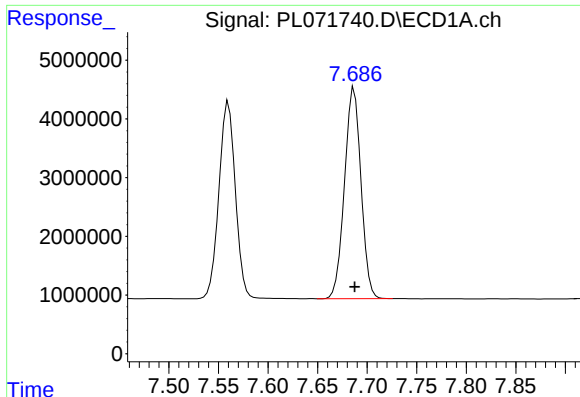
#12 4,4'-DDE

R.T.: 7.560 min  
Delta R.T.: 0.000 min  
Response: 38716054  
Conc: 51.95 ng/ml



#12 4,4'-DDE

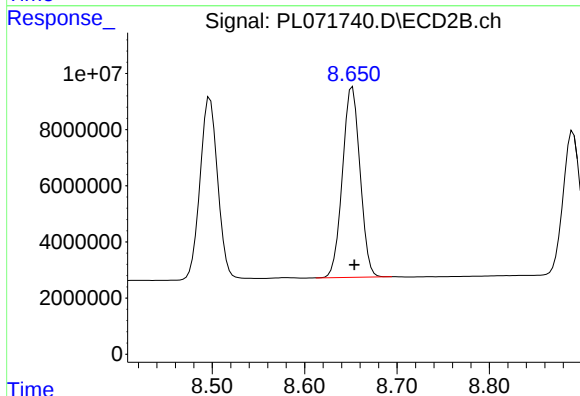
R.T.: 8.497 min  
Delta R.T.: -0.003 min  
Response: 85943897  
Conc: 48.56 ng/ml



#13 Dieldrin

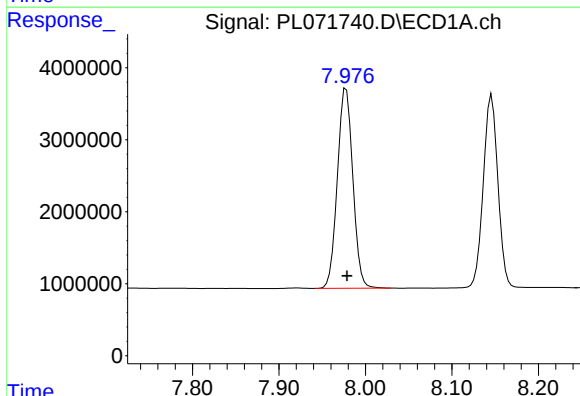
R.T.: 7.687 min  
Delta R.T.: 0.000 min  
Response: 41631699  
Conc: 50.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



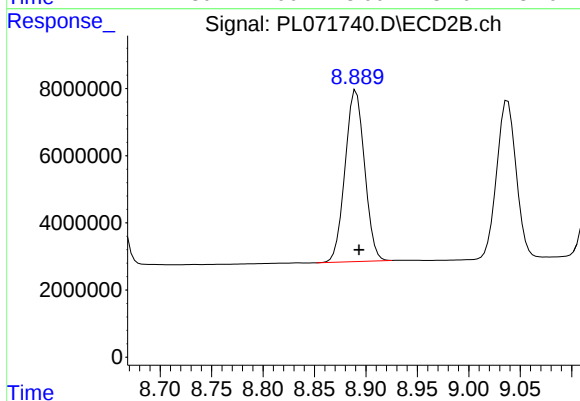
#13 Dieldrin

R.T.: 8.652 min  
Delta R.T.: -0.002 min  
Response: 89878136  
Conc: 48.44 ng/ml



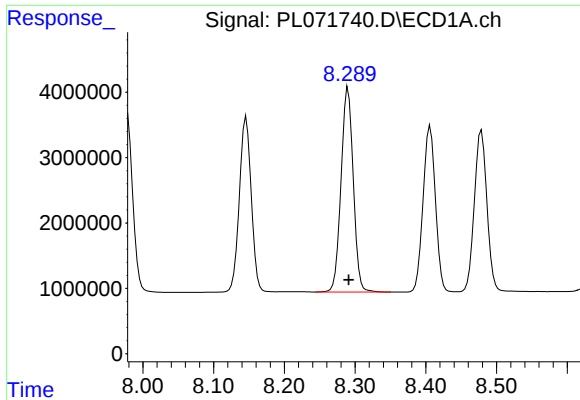
#14 Endrin

R.T.: 7.978 min  
Delta R.T.: -0.001 min  
Response: 34354495  
Conc: 46.18 ng/ml



#14 Endrin

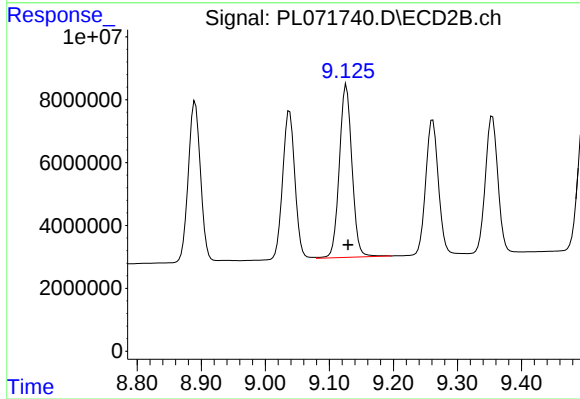
R.T.: 8.891 min  
Delta R.T.: -0.003 min  
Response: 67367257  
Conc: 44.70 ng/ml



#15 Endosulfan II

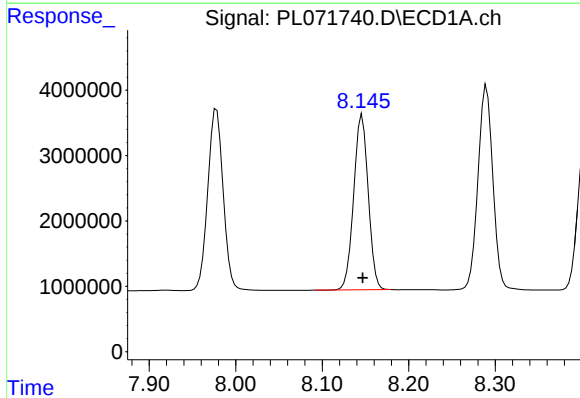
R.T.: 8.290 min  
Delta R.T.: 0.000 min  
Response: 37525220  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



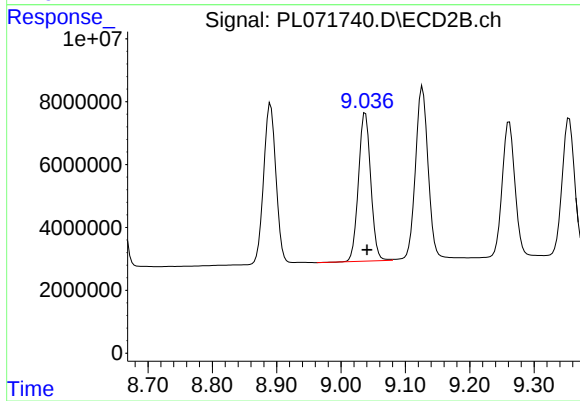
#15 Endosulfan II

R.T.: 9.127 min  
Delta R.T.: -0.003 min  
Response: 74987328  
Conc: 50.44 ng/ml



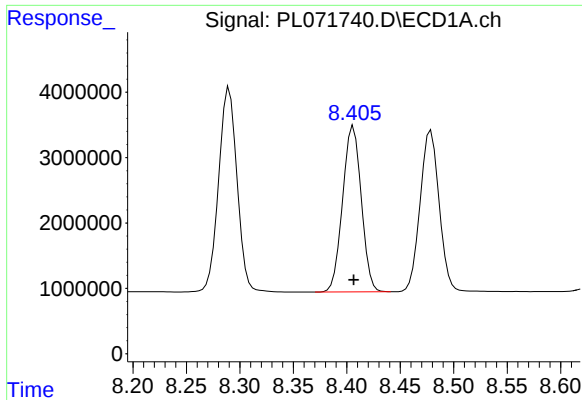
#16 4,4'-DDD

R.T.: 8.146 min  
Delta R.T.: 0.000 min  
Response: 31258475  
Conc: 52.68 ng/ml



#16 4,4'-DDD

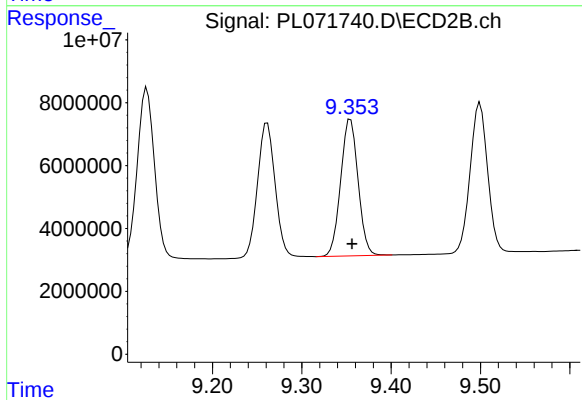
R.T.: 9.038 min  
Delta R.T.: -0.003 min  
Response: 62450825  
Conc: 48.09 ng/ml



#17 4,4'-DDT

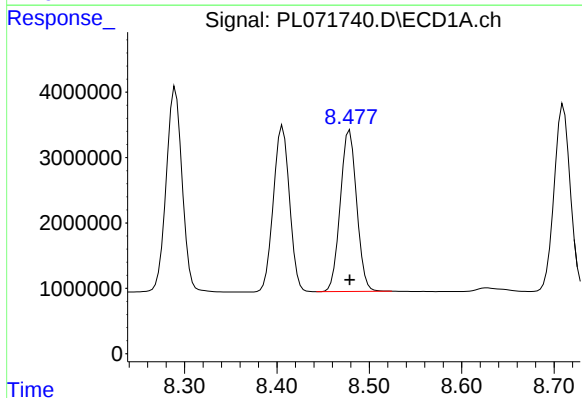
R.T.: 8.406 min  
Delta R.T.: 0.000 min  
Response: 30875033  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



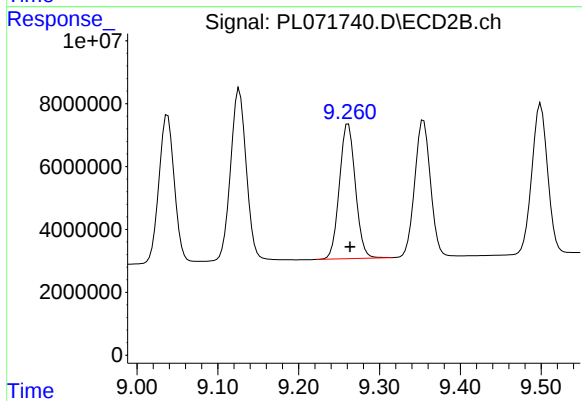
#17 4,4'-DDT

R.T.: 9.354 min  
Delta R.T.: -0.002 min  
Response: 58786111  
Conc: 43.06 ng/ml



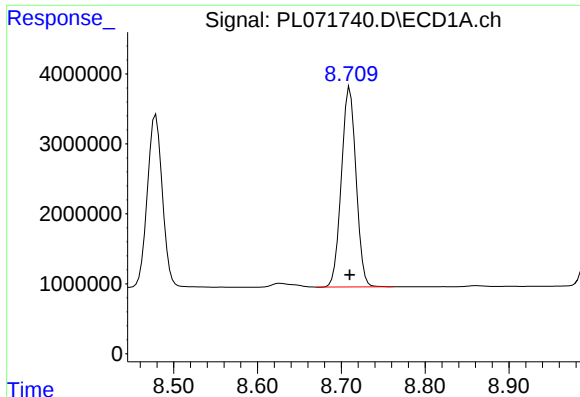
#18 Endrin aldehyde

R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 30458099  
Conc: 52.51 ng/ml



#18 Endrin aldehyde

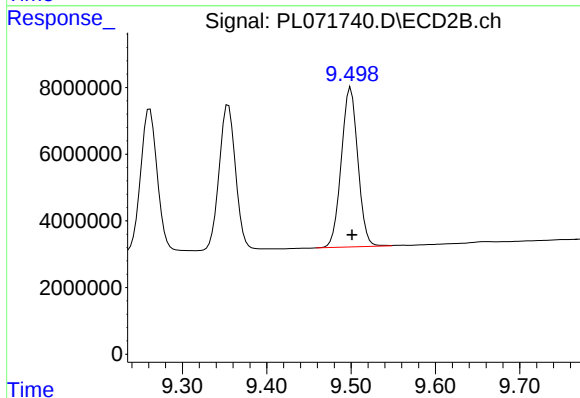
R.T.: 9.261 min  
Delta R.T.: -0.002 min  
Response: 58769754  
Conc: 50.83 ng/ml



#19 Endosulfan Sulfate

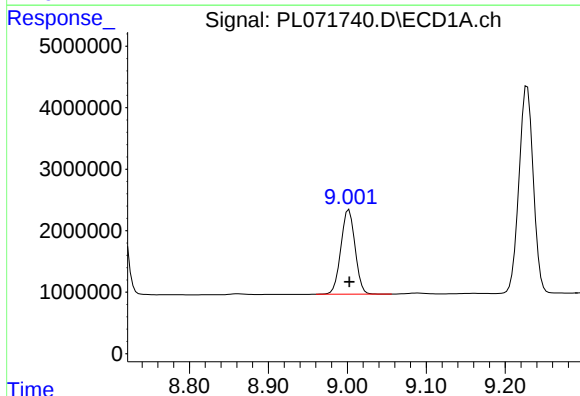
R.T.: 8.710 min  
Delta R.T.: 0.000 min  
Response: 34800417  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



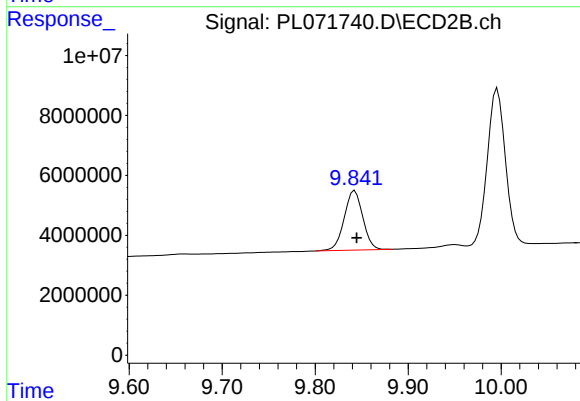
#19 Endosulfan Sulfate

R.T.: 9.500 min  
Delta R.T.: -0.002 min  
Response: 65232471  
Conc: 46.36 ng/ml



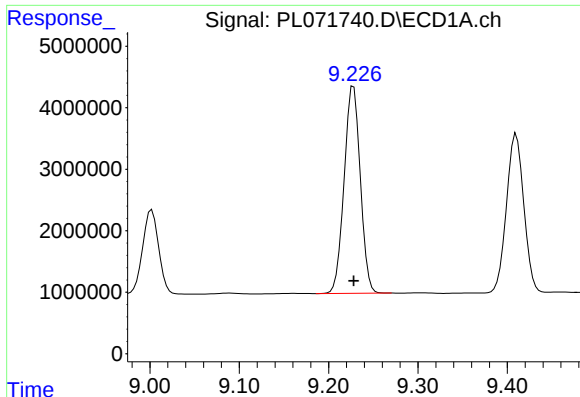
#20 Methoxychlor

R.T.: 9.002 min  
Delta R.T.: 0.000 min  
Response: 17149351  
Conc: 46.02 ng/ml



#20 Methoxychlor

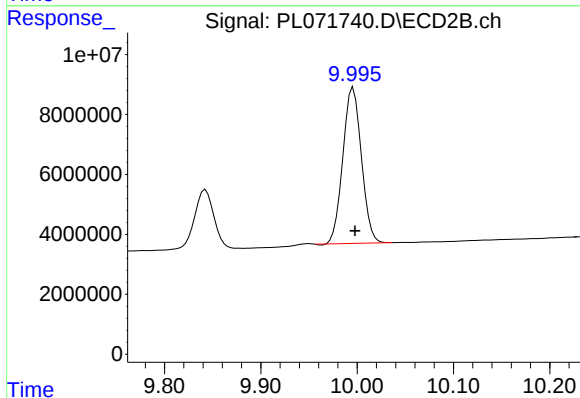
R.T.: 9.843 min  
Delta R.T.: -0.002 min  
Response: 27549335  
Conc: 42.38 ng/ml



#21 Endrin ketone

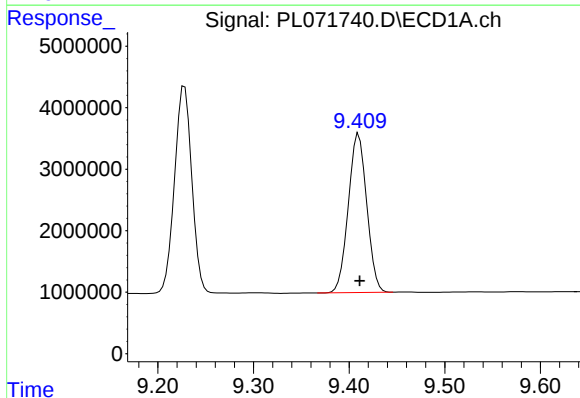
R.T.: 9.228 min  
Delta R.T.: 0.000 min  
Response: 42378393  
Conc: 53.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



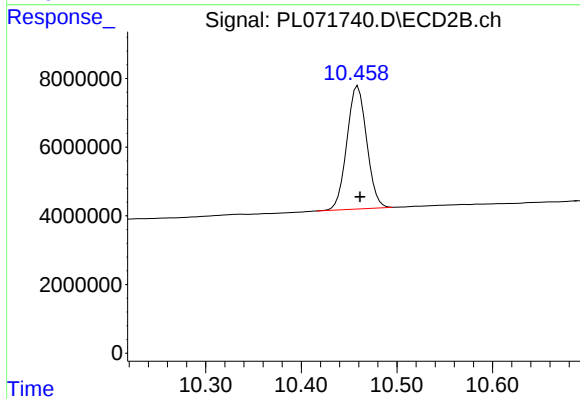
#21 Endrin ketone

R.T.: 9.996 min  
Delta R.T.: -0.002 min  
Response: 69354678  
Conc: 51.06 ng/ml



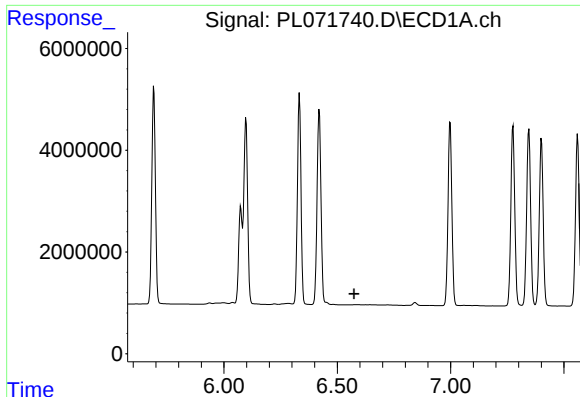
#22 Mirex

R.T.: 9.410 min  
Delta R.T.: 0.000 min  
Response: 34755175  
Conc: 48.09 ng/ml



#22 Mirex

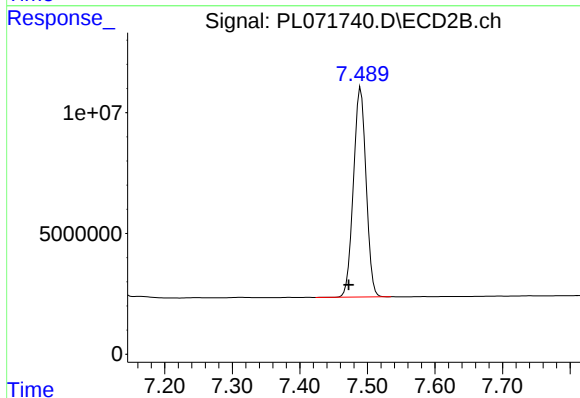
R.T.: 10.459 min  
Delta R.T.: -0.002 min  
Response: 51897480  
Conc: 47.76 ng/ml



#24 Chlordane-2

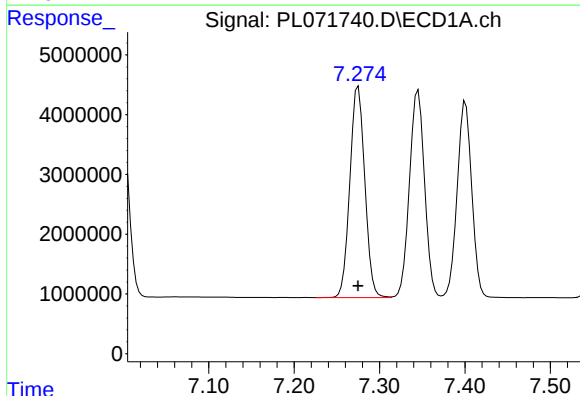
R.T.: 0.000 min  
Exp R.T.: 6.575 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



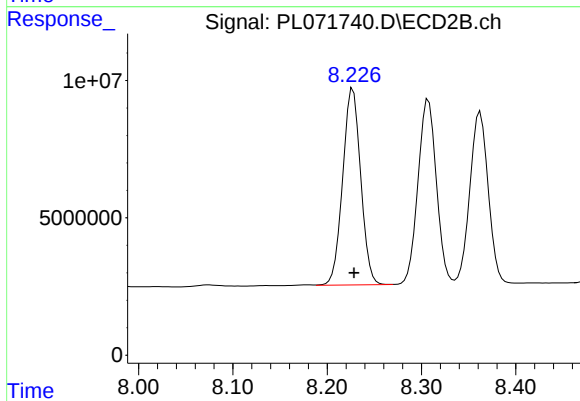
#24 Chlordane-2

R.T.: 7.490 min  
Delta R.T.: 0.018 min  
Response: 112771070  
Conc: 1530.46 ng/ml



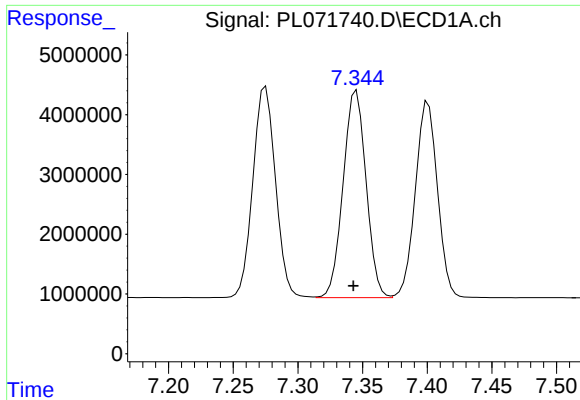
#25 Chlordane-3

R.T.: 7.275 min  
Delta R.T.: 0.000 min  
Response: 42993291  
Conc: 498.48 ng/ml



#25 Chlordane-3

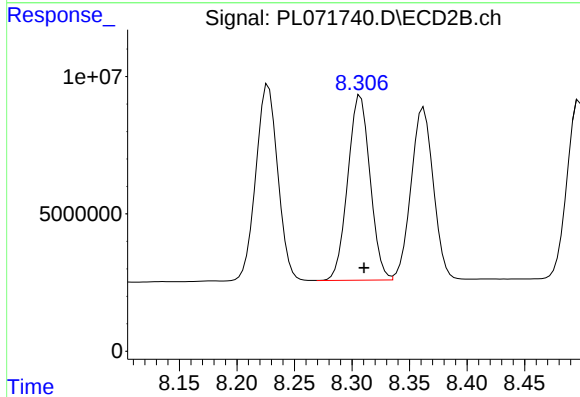
R.T.: 8.227 min  
Delta R.T.: -0.001 min  
Response: 95141255  
Conc: 344.31 ng/ml



#26 Chlordane-4

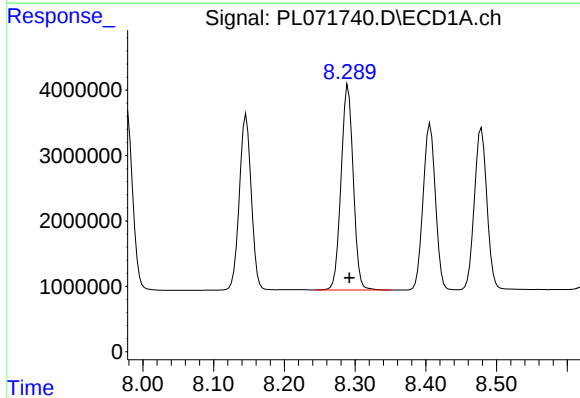
R.T.: 7.345 min  
Delta R.T.: 0.002 min  
Response: 42703897  
Conc: 462.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



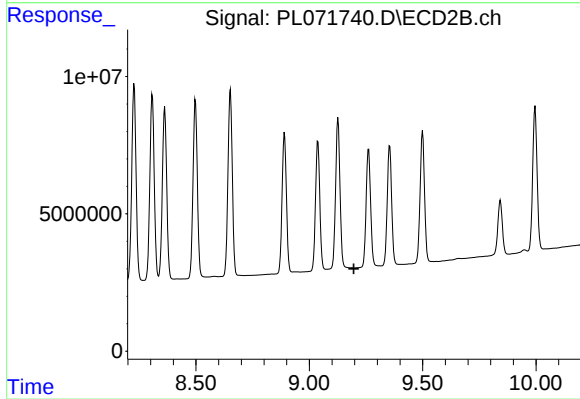
#26 Chlordane-4

R.T.: 8.307 min  
Delta R.T.: -0.003 min  
Response: 91190418  
Conc: 281.12 ng/ml



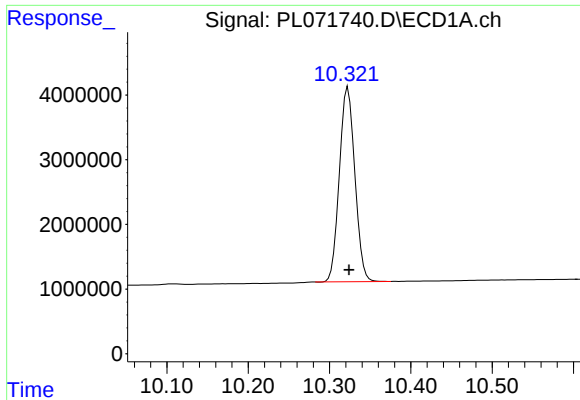
#27 Chlordane-5

R.T.: 8.290 min  
Delta R.T.: -0.002 min  
Response: 37525220  
Conc: 1237.42 ng/ml



#27 Chlordane-5

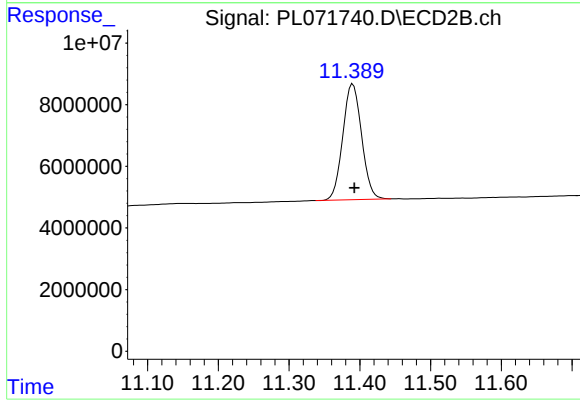
R.T.: 0.000 min  
Exp R.T. : 9.196 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.323 min  
Delta R.T.: -0.001 min  
Response: 39737250  
Conc: 53.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.390 min  
Delta R.T.: -0.002 min  
Response: 69443281  
Conc: 55.41 ng/ml