

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
 Data File : PL072899.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2022 19:16  
 Operator : AR\AJ  
 Sample : PB142859BSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 05:37:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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... | 4.551  | 5.489  | 9965405  | 36149917 | 20.696   | 20.928     |
| 28)                         | SA Decachlor... | 10.313 | 11.380 | 18795337 | 40767396 | 24.827   | 25.708     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.258  | 6.071  | 30157100 | 115.4E6  | 45.738   | 48.175     |
| 3)                          | MA gamma-BHC... | 5.681  | 6.467  | 30216262 | 109.1E6  | 48.078   | 47.366     |
| 4)                          | MA Heptachlor   | 6.087  | 7.113  | 44964842 | 113.3E6  | 61.602   | 49.745     |
| 5)                          | MB Aldrin       | 6.410  | 7.482  | 32838091 | 108.1E6  | 50.860   | 50.569     |
| 6)                          | B beta-BHC      | 6.087  | 6.727  | 44964842 | 47412967 | 181.464  | 46.510 #   |
| 7)                          | B delta-BHC     | 6.324  | 6.993  | 31342332 | 110.8E6  | 47.336   | 48.384     |
| 8)                          | B Heptachlo...  | 6.988  | 7.950  | 32525623 | 98809825 | 51.591   | 51.216     |
| 9)                          | A Endosulfan I  | 7.391  | 8.355  | 30711495 | 90845318 | 52.494   | 51.927     |
| 10)                         | B gamma-Chl...  | 7.266  | 8.220  | 32347546 | 99581198 | 51.065   | 51.483     |
| 11)                         | B alpha-Chl...  | 7.335  | 8.300  | 33376848 | 98254776 | 52.415   | 51.714     |
| 12)                         | B 4,4'-DDE      | 7.550  | 8.491  | 32774972 | 96174204 | 53.932   | 51.455     |
| 13)                         | MA Dieldrin     | 7.677  | 8.644  | 33926643 | 98544295 | 53.724   | 52.877     |
| 14)                         | MA Endrin       | 7.968  | 8.883  | 31405565 | 85894709 | 53.611   | 54.514     |
| 15)                         | B Endosulfa...  | 8.280  | 9.120  | 31787014 | 85978268 | 52.247   | 51.137     |
| 16)                         | A 4,4'-DDD      | 8.137  | 9.032  | 26537686 | 73761284 | 55.161   | 53.304     |
| 17)                         | MA 4,4'-DDT     | 8.396  | 9.348  | 29975525 | 80971302 | 55.708   | 52.893     |
| 18)                         | B Endrin al...  | 8.469  | 9.255  | 26719609 | 69568124 | 61.300   | 61.812     |
| 19)                         | B Endosulfa...  | 8.701  | 9.493  | 31864399 | 80268124 | 53.545   | 53.656     |
| 20)                         | A Methoxychlor  | 8.992  | 9.836  | 18975217 | 43361529 | 53.965   | 53.556     |
| 21)                         | B Endrin ke...  | 9.218  | 9.989  | 36346810 | 86938771 | 52.885   | 54.565     |
| 22)                         | Mirex           | 9.400  | 10.452 | 34561503 | 70784532 | 58.258   | 60.299     |
| 23)                         | Chlordane-1     | 5.874  | 0.000  | 8210     | 0        | 0.442    | N.D. #     |
| 24)                         | Chlordane-2     | 6.578  | 7.482  | 21095    | 108.1E6  | 0.834    | 1403.763 # |
| 25)                         | Chlordane-3     | 7.266  | 8.220  | 32347546 | 99581198 | 479.927  | 333.228 #  |
| 26)                         | Chlordane-4     | 7.335  | 8.300  | 33376848 | 98254776 | 454.875  | 275.381 #  |
| 27)                         | Chlordane-5     | 8.280  | 9.179  | 31787014 | 84680    | 1238.997 | 1.385 #    |
| -----                       |                 |        |        |          |          |          |            |

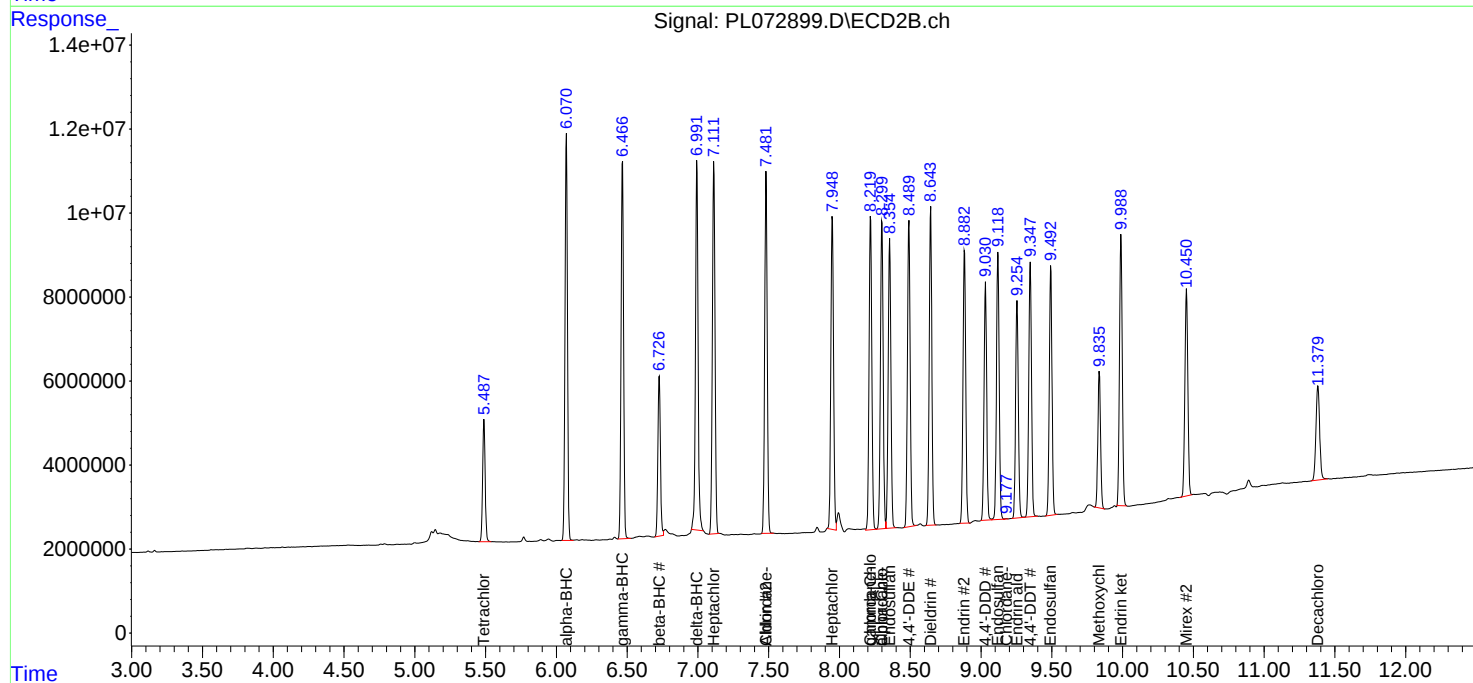
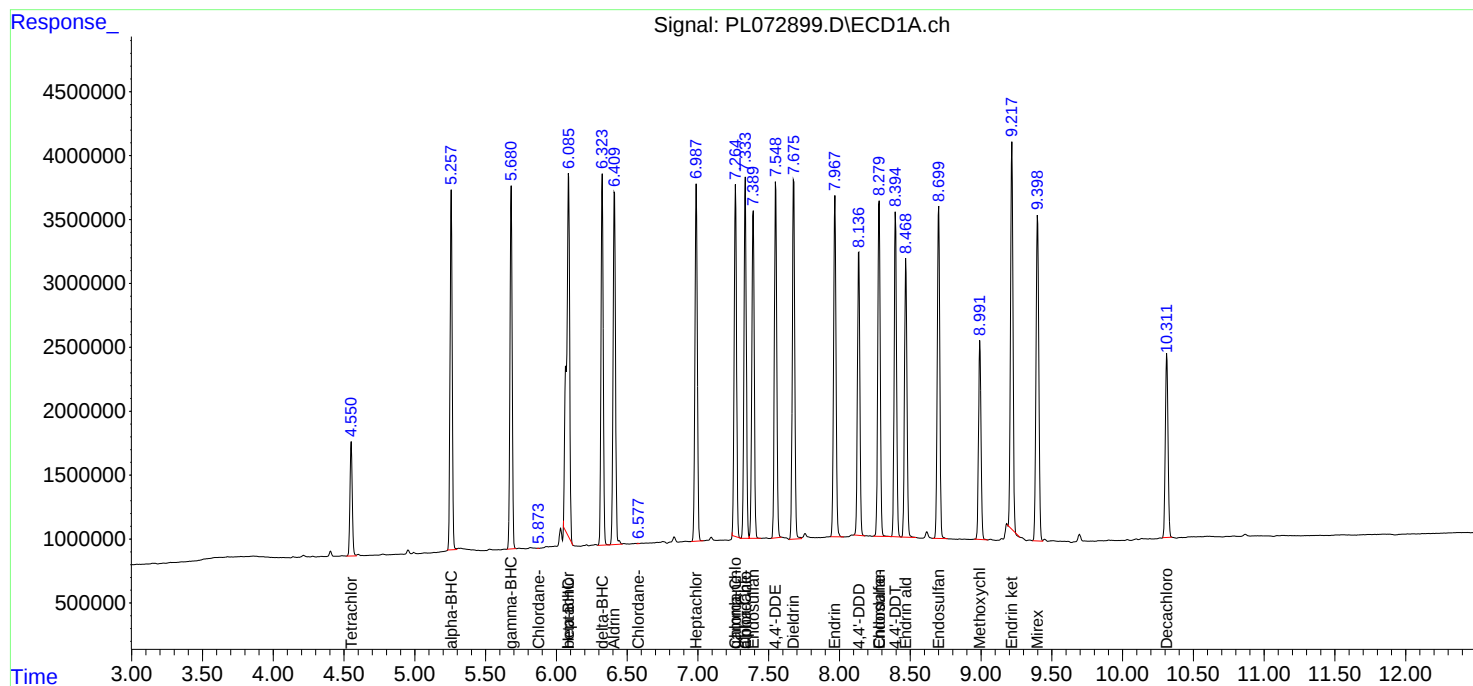
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

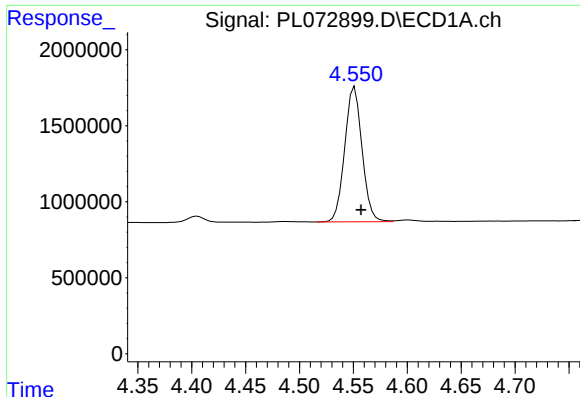
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
Data File : PL072899.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Feb 2022 19:16  
Operator : AR\AJ  
Sample : PB142859BSD  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 05:37:01 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 08 05:14:10 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

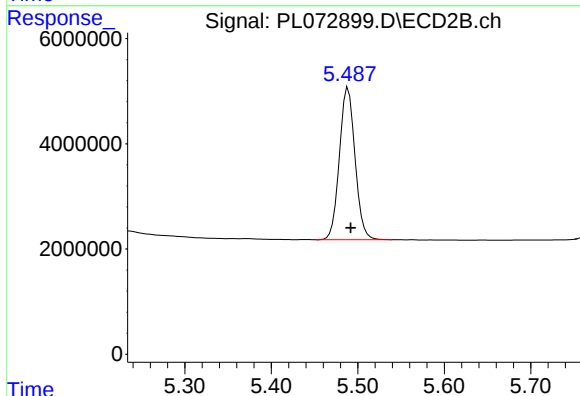




#1 Tetrachloro-m-xylene

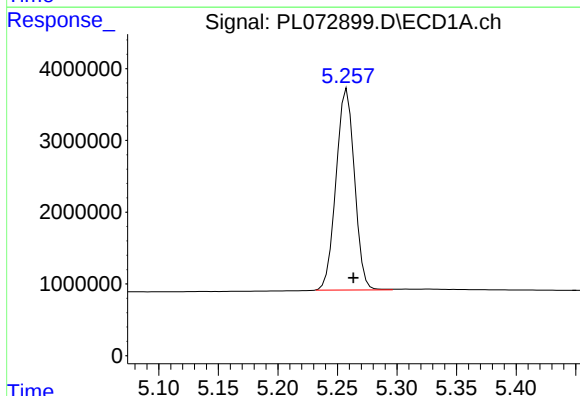
R.T.: 4.551 min  
Delta R.T.: -0.006 min  
Response: 9965405  
Conc: 20.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



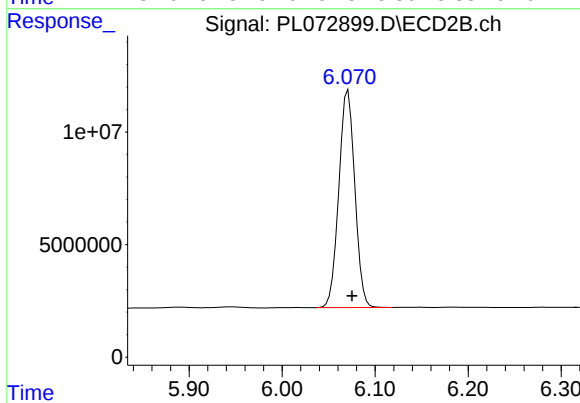
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 36149917  
Conc: 20.93 ng/ml



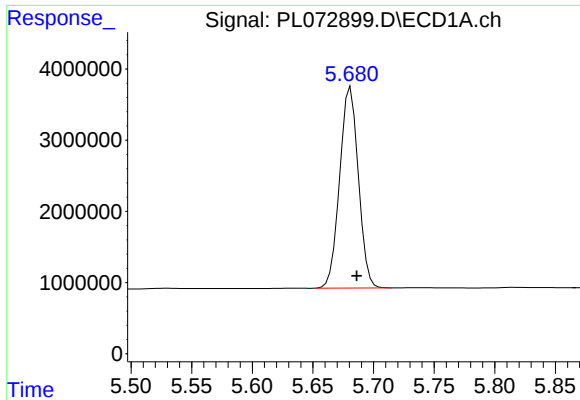
#2 alpha-BHC

R.T.: 5.258 min  
Delta R.T.: -0.005 min  
Response: 30157100  
Conc: 45.74 ng/ml



#2 alpha-BHC

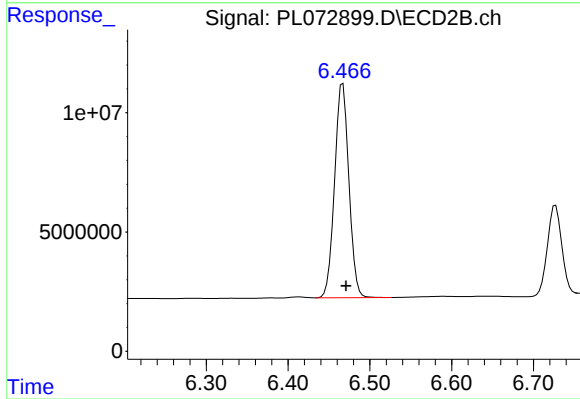
R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 115366041  
Conc: 48.17 ng/ml



#3 gamma-BHC (Lindane)

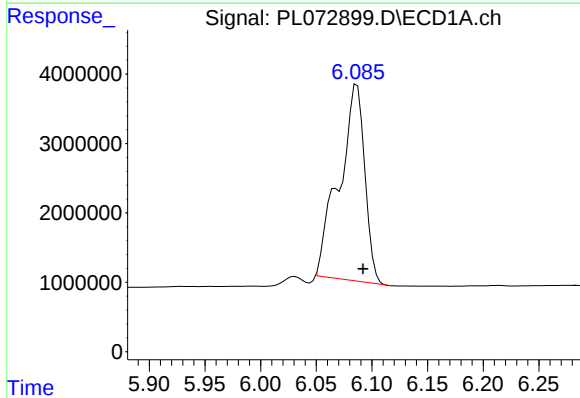
R.T.: 5.681 min  
Delta R.T.: -0.005 min  
Response: 30216262  
Conc: 48.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



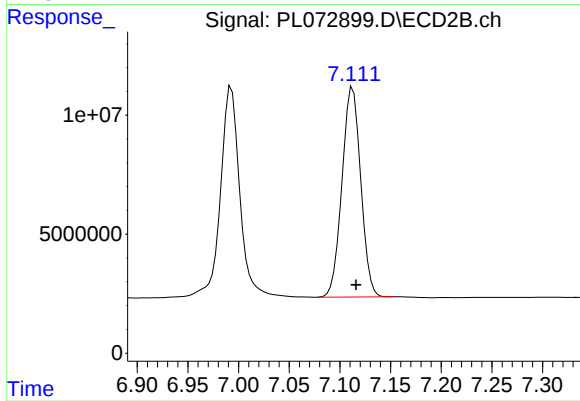
#3 gamma-BHC (Lindane)

R.T.: 6.467 min  
Delta R.T.: -0.004 min  
Response: 109058198  
Conc: 47.37 ng/ml



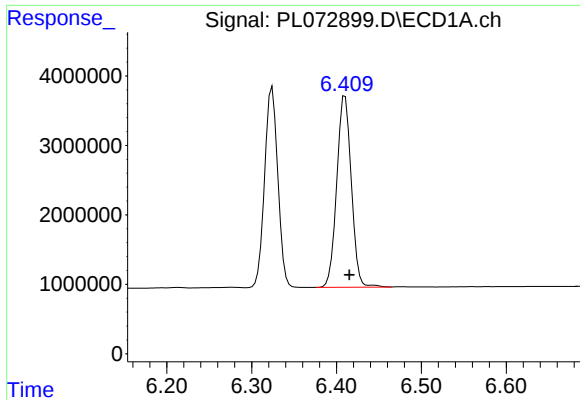
#4 Heptachlor

R.T.: 6.087 min  
Delta R.T.: -0.005 min  
Response: 44964842  
Conc: 61.60 ng/ml



#4 Heptachlor

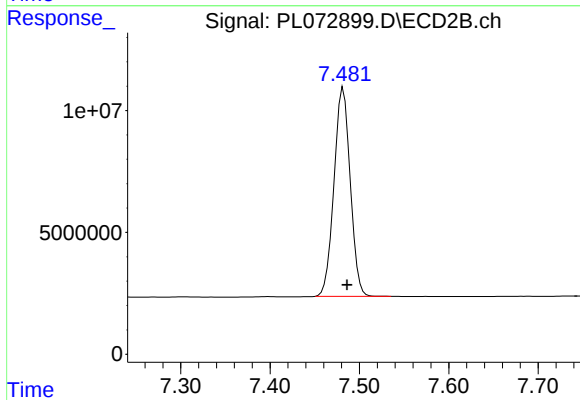
R.T.: 7.113 min  
Delta R.T.: -0.003 min  
Response: 113260552  
Conc: 49.74 ng/ml



#5 Aldrin

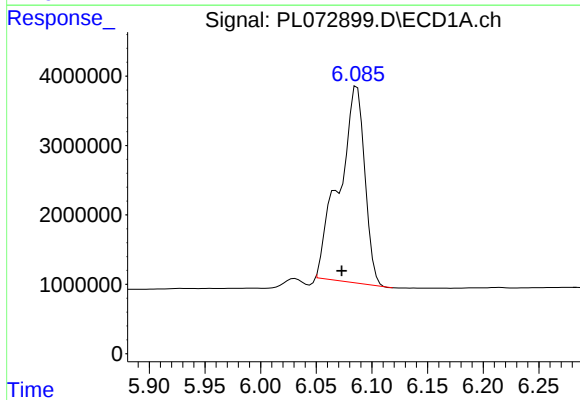
R.T.: 6.410 min  
Delta R.T.: -0.005 min  
Response: 32838091  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



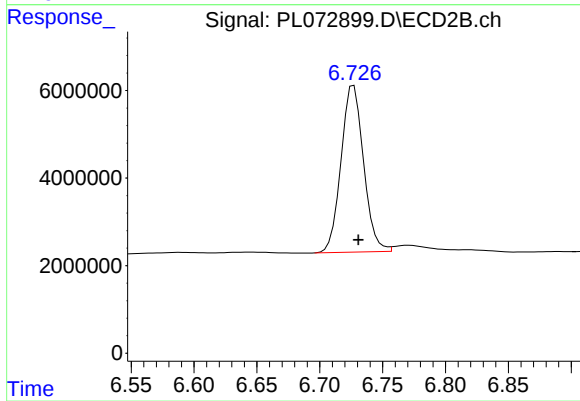
#5 Aldrin

R.T.: 7.482 min  
Delta R.T.: -0.004 min  
Response: 108105258  
Conc: 50.57 ng/ml



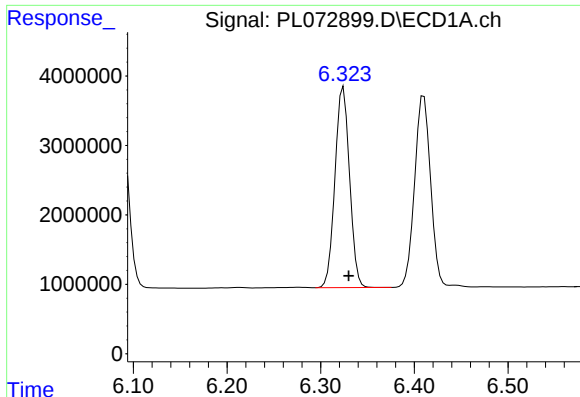
#6 beta-BHC

R.T.: 6.087 min  
Delta R.T.: 0.014 min  
Response: 44964842  
Conc: 181.46 ng/ml



#6 beta-BHC

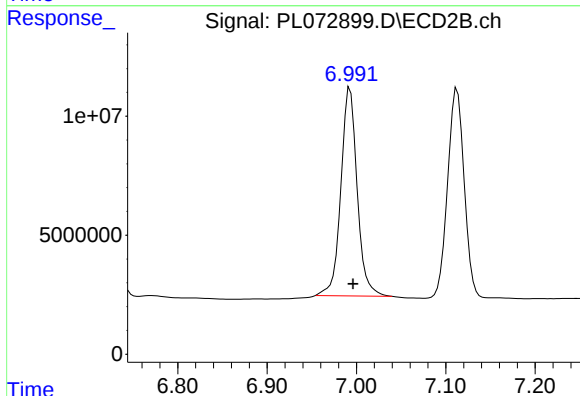
R.T.: 6.727 min  
Delta R.T.: -0.004 min  
Response: 47412967  
Conc: 46.51 ng/ml



#7 delta-BHC

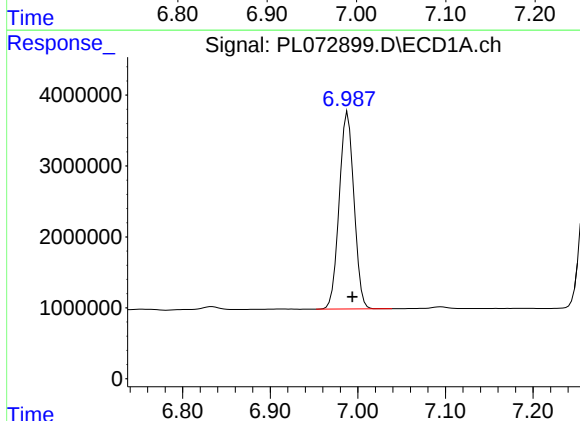
R.T.: 6.324 min  
Delta R.T.: -0.006 min  
Response: 31342332  
Conc: 47.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



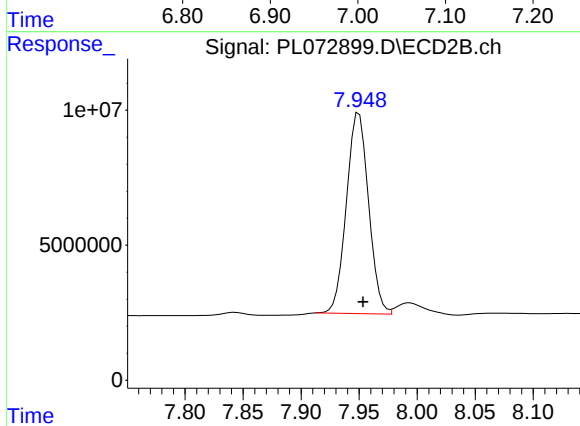
#7 delta-BHC

R.T.: 6.993 min  
Delta R.T.: -0.003 min  
Response: 110849345  
Conc: 48.38 ng/ml



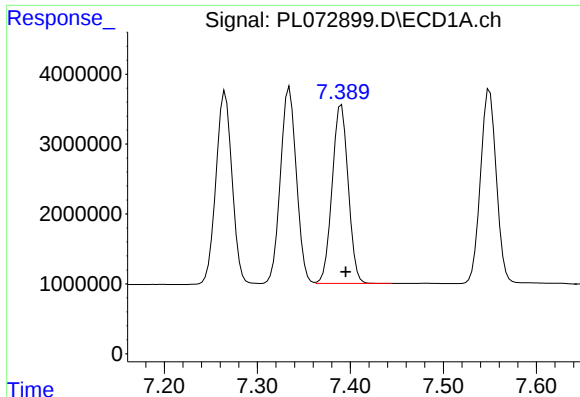
#8 Heptachlor epoxide

R.T.: 6.988 min  
Delta R.T.: -0.005 min  
Response: 32525623  
Conc: 51.59 ng/ml



#8 Heptachlor epoxide

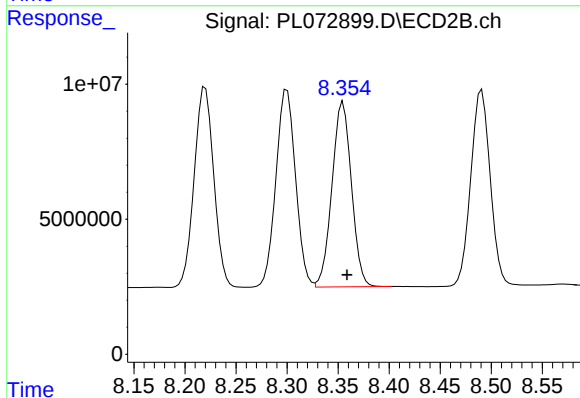
R.T.: 7.950 min  
Delta R.T.: -0.004 min  
Response: 98809825  
Conc: 51.22 ng/ml



#9 Endosulfan I

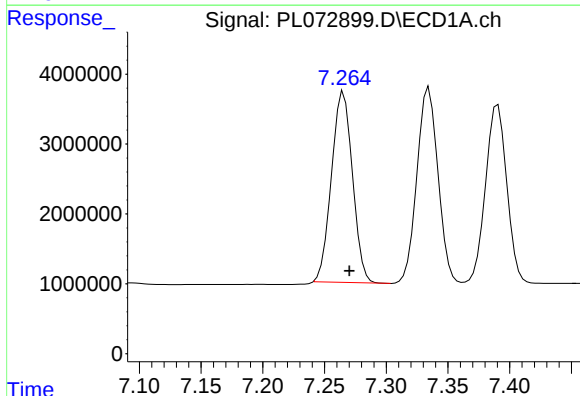
R.T.: 7.391 min  
Delta R.T.: -0.005 min  
Response: 30711495  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



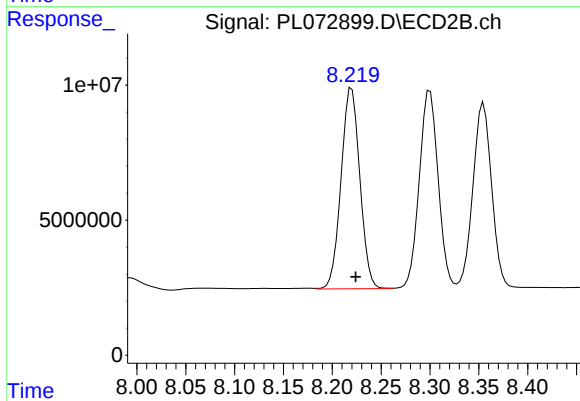
#9 Endosulfan I

R.T.: 8.355 min  
Delta R.T.: -0.004 min  
Response: 90845318  
Conc: 51.93 ng/ml



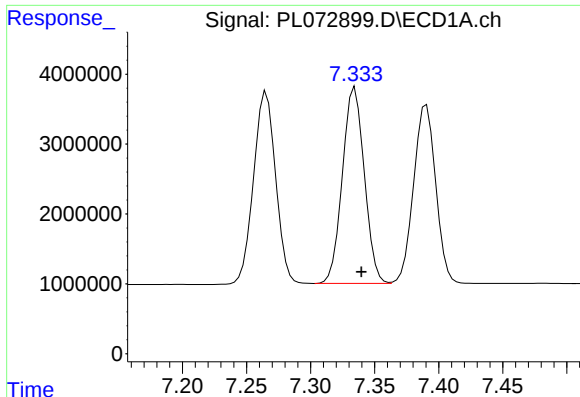
#10 gamma-Chlordane

R.T.: 7.266 min  
Delta R.T.: -0.005 min  
Response: 32347546  
Conc: 51.06 ng/ml



#10 gamma-Chlordane

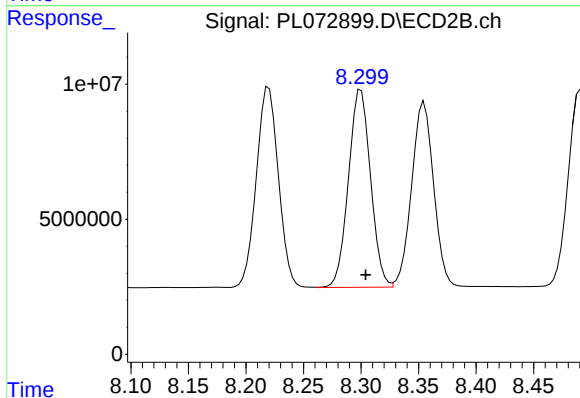
R.T.: 8.220 min  
Delta R.T.: -0.004 min  
Response: 99581198  
Conc: 51.48 ng/ml



#11 alpha-Chlordane

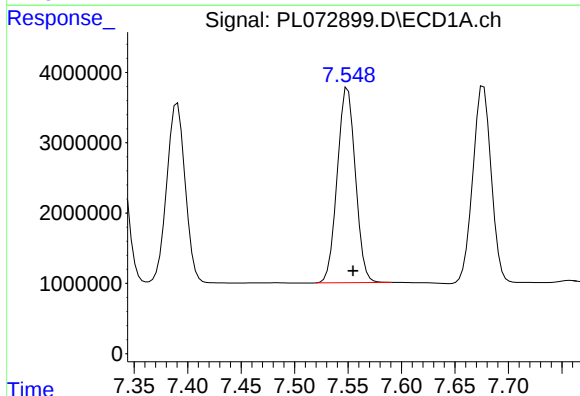
R.T.: 7.335 min  
Delta R.T.: -0.005 min  
Response: 33376848  
Conc: 52.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



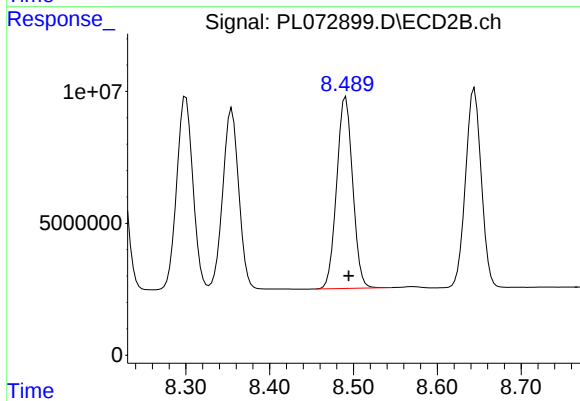
#11 alpha-Chlordane

R.T.: 8.300 min  
Delta R.T.: -0.004 min  
Response: 98254776  
Conc: 51.71 ng/ml



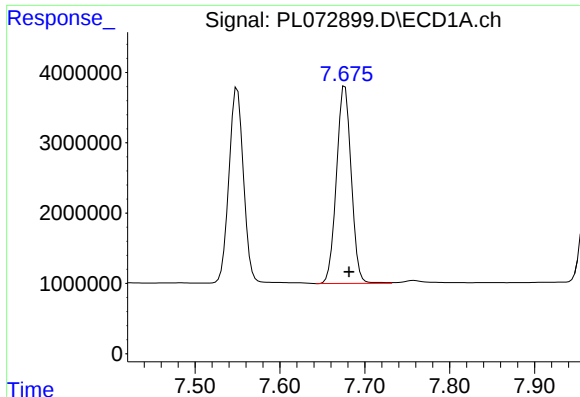
#12 4,4'-DDE

R.T.: 7.550 min  
Delta R.T.: -0.005 min  
Response: 32774972  
Conc: 53.93 ng/ml



#12 4,4'-DDE

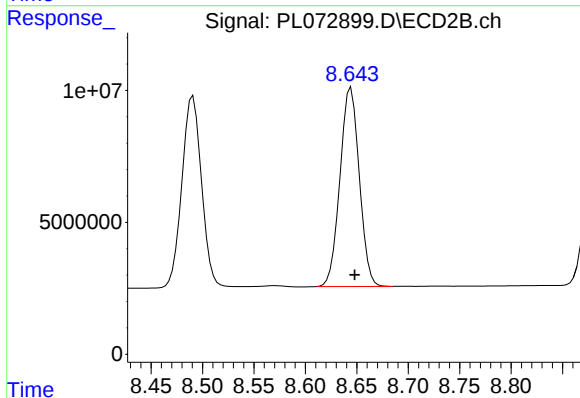
R.T.: 8.491 min  
Delta R.T.: -0.003 min  
Response: 96174204  
Conc: 51.46 ng/ml



#13 Dieldrin

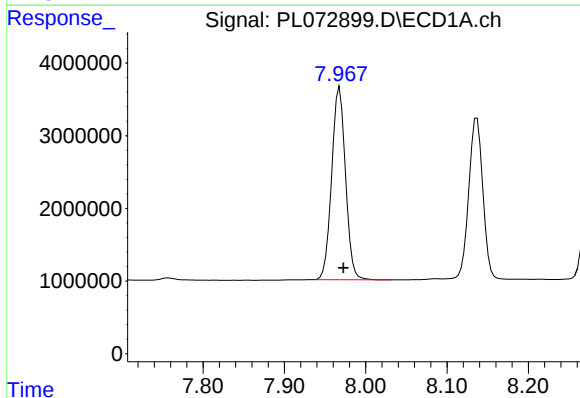
R.T.: 7.677 min  
Delta R.T.: -0.005 min  
Response: 33926643  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



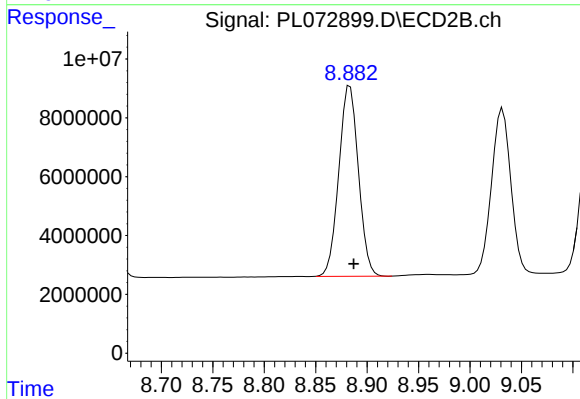
#13 Dieldrin

R.T.: 8.644 min  
Delta R.T.: -0.004 min  
Response: 98544295  
Conc: 52.88 ng/ml



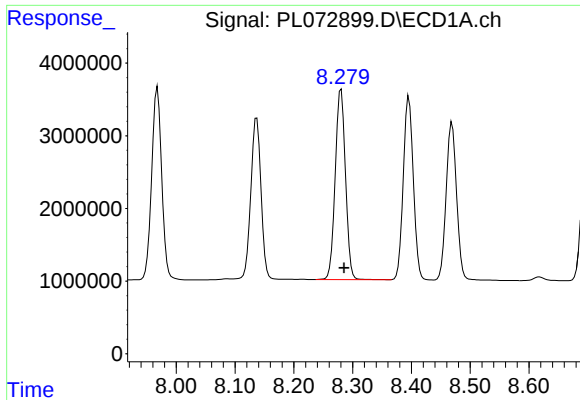
#14 Endrin

R.T.: 7.968 min  
Delta R.T.: -0.005 min  
Response: 31405565  
Conc: 53.61 ng/ml



#14 Endrin

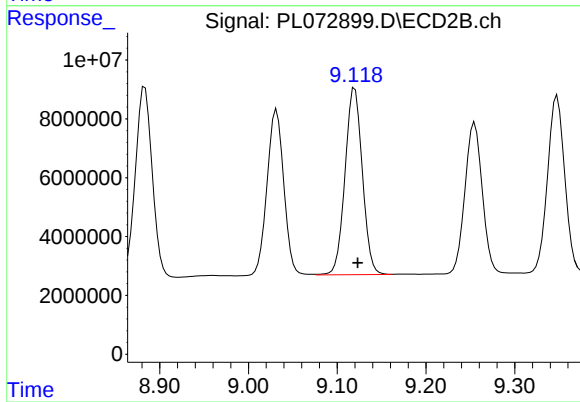
R.T.: 8.883 min  
Delta R.T.: -0.004 min  
Response: 85894709  
Conc: 54.51 ng/ml



#15 Endosulfan II

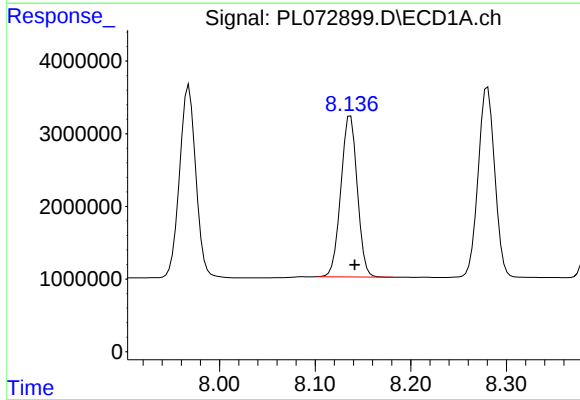
R.T.: 8.280 min  
Delta R.T.: -0.005 min  
Response: 31787014  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



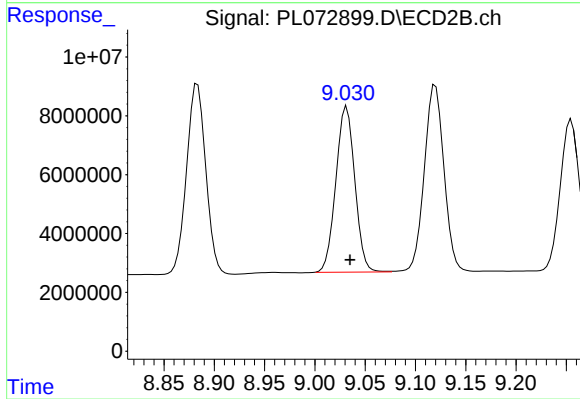
#15 Endosulfan II

R.T.: 9.120 min  
Delta R.T.: -0.003 min  
Response: 85978268  
Conc: 51.14 ng/ml



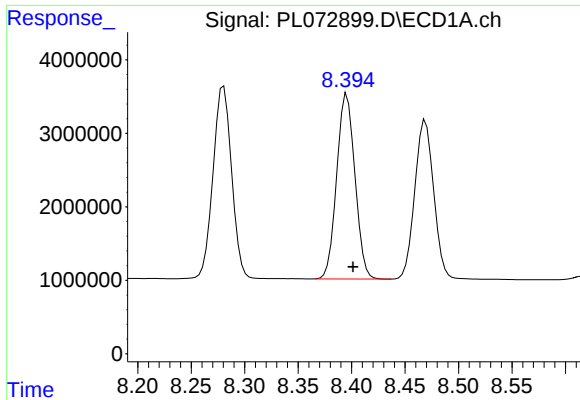
#16 4,4'-DDD

R.T.: 8.137 min  
Delta R.T.: -0.005 min  
Response: 26537686  
Conc: 55.16 ng/ml



#16 4,4'-DDD

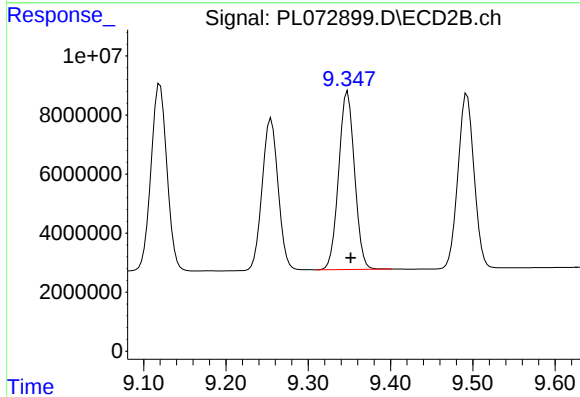
R.T.: 9.032 min  
Delta R.T.: -0.003 min  
Response: 73761284  
Conc: 53.30 ng/ml



#17 4,4'-DDT

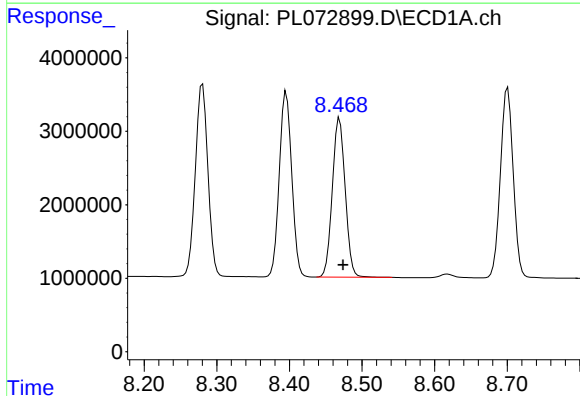
R.T.: 8.396 min  
Delta R.T.: -0.006 min  
Response: 29975525  
Conc: 55.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



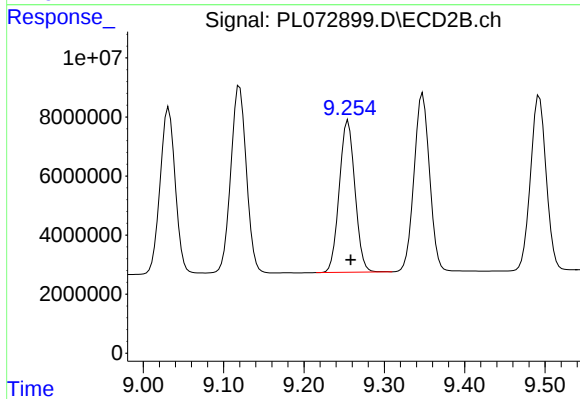
#17 4,4'-DDT

R.T.: 9.348 min  
Delta R.T.: -0.004 min  
Response: 80971302  
Conc: 52.89 ng/ml



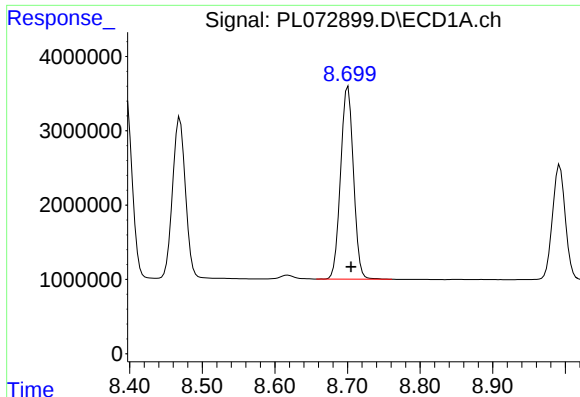
#18 Endrin aldehyde

R.T.: 8.469 min  
Delta R.T.: -0.005 min  
Response: 26719609  
Conc: 61.30 ng/ml



#18 Endrin aldehyde

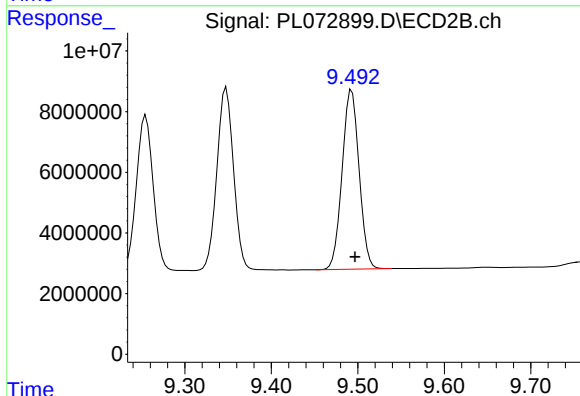
R.T.: 9.255 min  
Delta R.T.: -0.003 min  
Response: 69568124  
Conc: 61.81 ng/ml



#19 Endosulfan Sulfate

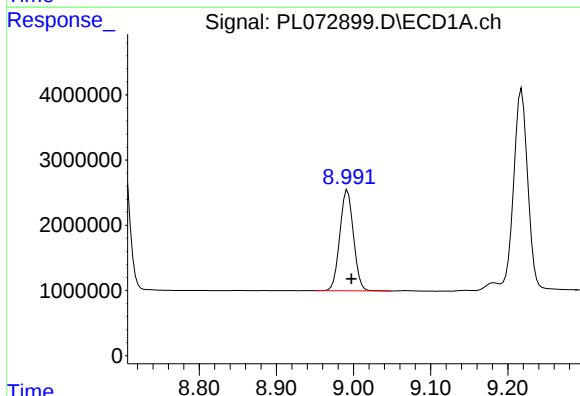
R.T.: 8.701 min  
Delta R.T.: -0.004 min  
Response: 31864399  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



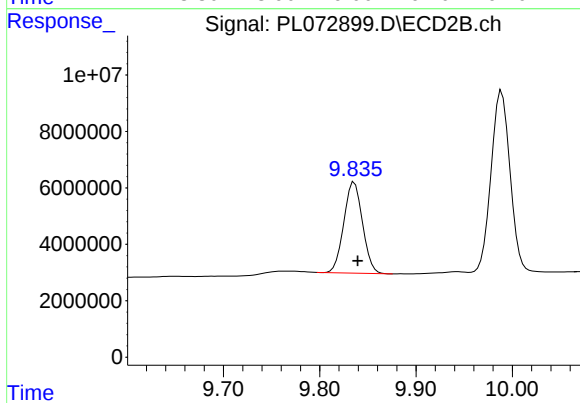
#19 Endosulfan Sulfate

R.T.: 9.493 min  
Delta R.T.: -0.004 min  
Response: 80268124  
Conc: 53.66 ng/ml



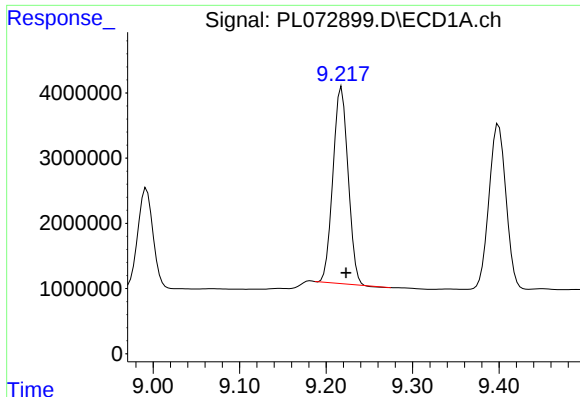
#20 Methoxychlor

R.T.: 8.992 min  
Delta R.T.: -0.005 min  
Response: 18975217  
Conc: 53.96 ng/ml



#20 Methoxychlor

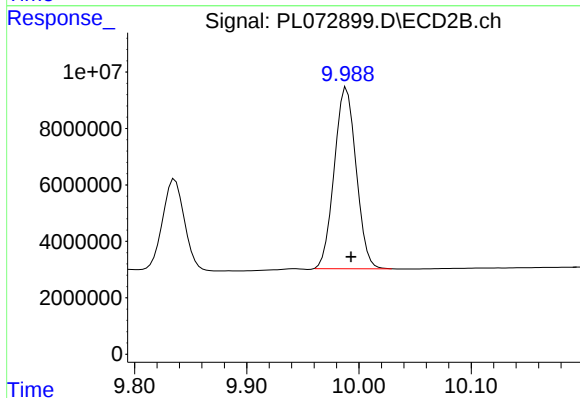
R.T.: 9.836 min  
Delta R.T.: -0.003 min  
Response: 43361529  
Conc: 53.56 ng/ml



#21 Endrin ketone

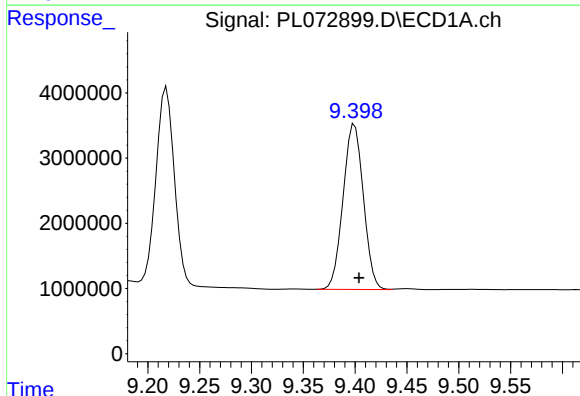
R.T.: 9.218 min  
Delta R.T.: -0.005 min  
Response: 36346810  
Conc: 52.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



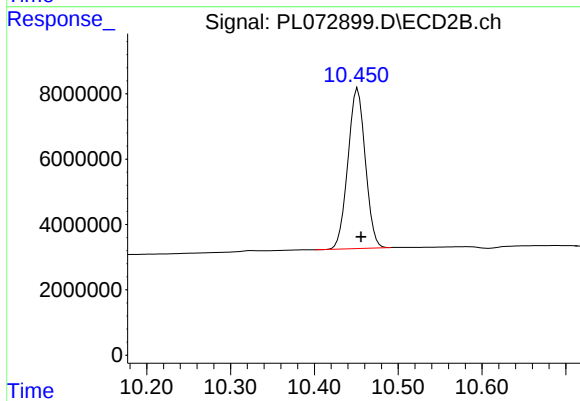
#21 Endrin ketone

R.T.: 9.989 min  
Delta R.T.: -0.004 min  
Response: 86938771  
Conc: 54.57 ng/ml



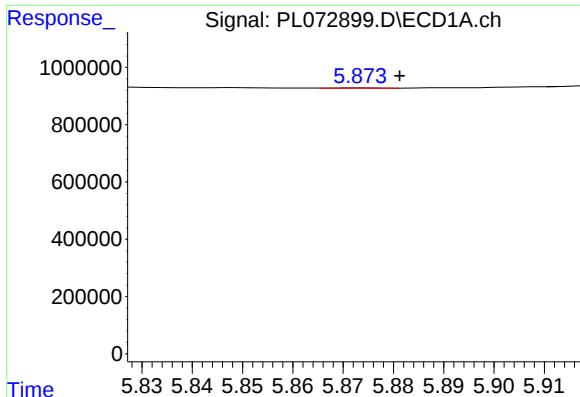
#22 Mirex

R.T.: 9.400 min  
Delta R.T.: -0.004 min  
Response: 34561503  
Conc: 58.26 ng/ml



#22 Mirex

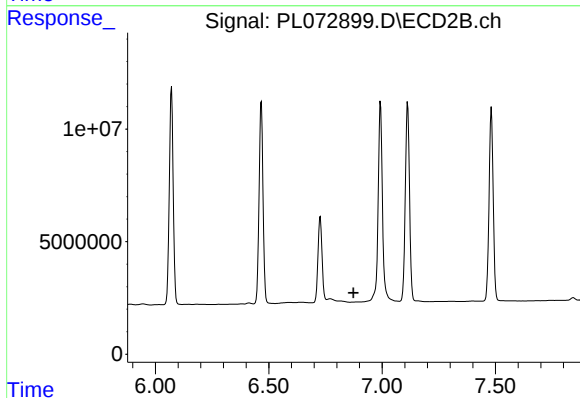
R.T.: 10.452 min  
Delta R.T.: -0.004 min  
Response: 70784532  
Conc: 60.30 ng/ml



#23 Chlordane-1

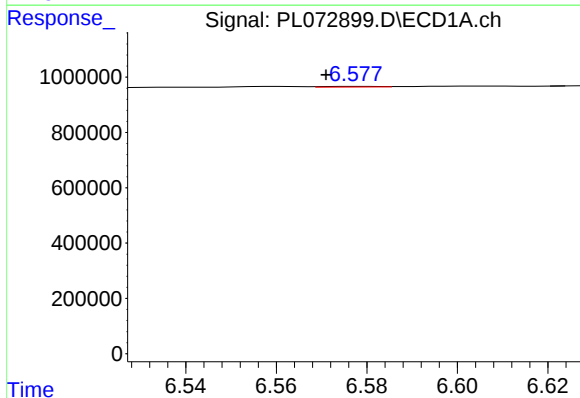
R.T.: 5.874 min  
Delta R.T.: -0.007 min  
Response: 8210  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



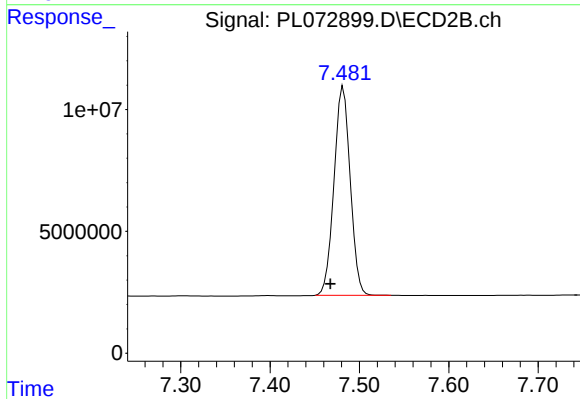
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 6.874 min  
Response: 0  
Conc: N.D.



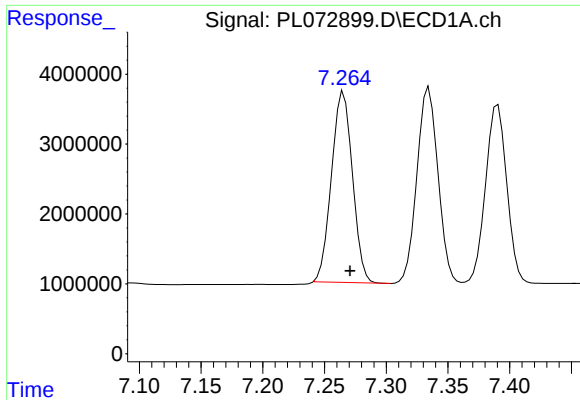
#24 Chlordane-2

R.T.: 6.578 min  
Delta R.T.: 0.007 min  
Response: 21095  
Conc: 0.83 ng/ml



#24 Chlordane-2

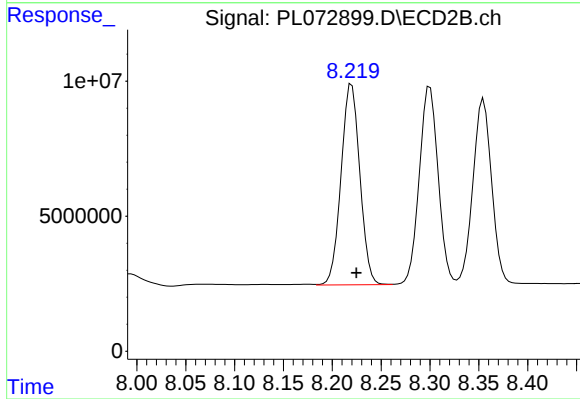
R.T.: 7.482 min  
Delta R.T.: 0.014 min  
Response: 108105258  
Conc: 1403.76 ng/ml



#25 Chlordane-3

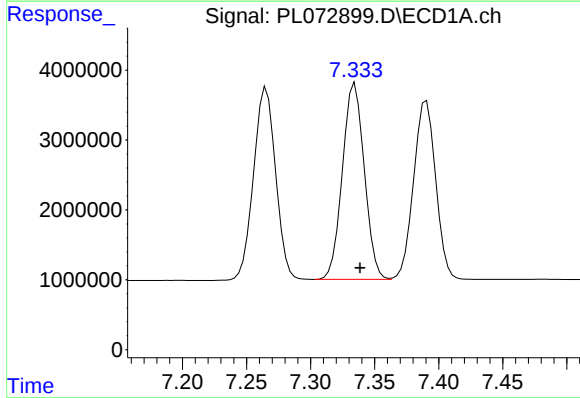
R.T.: 7.266 min  
Delta R.T.: -0.005 min  
Response: 32347546  
Conc: 479.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



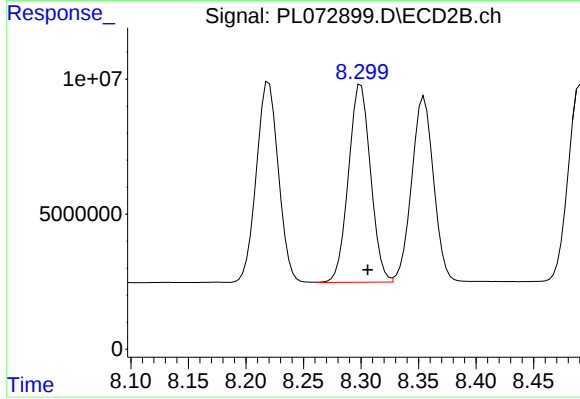
#25 Chlordane-3

R.T.: 8.220 min  
Delta R.T.: -0.005 min  
Response: 99581198  
Conc: 333.23 ng/ml



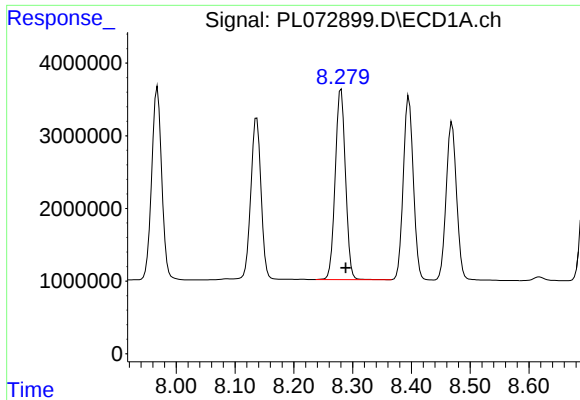
#26 Chlordane-4

R.T.: 7.335 min  
Delta R.T.: -0.004 min  
Response: 33376848  
Conc: 454.87 ng/ml



#26 Chlordane-4

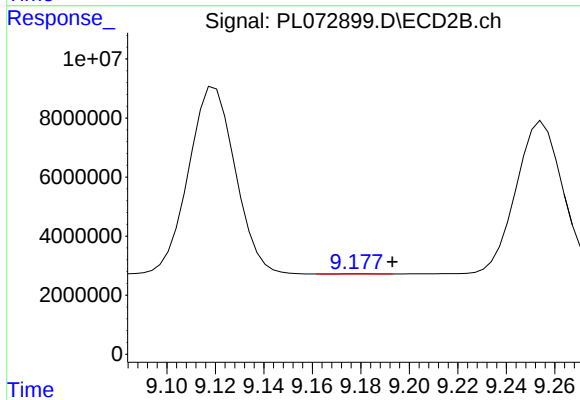
R.T.: 8.300 min  
Delta R.T.: -0.006 min  
Response: 98254776  
Conc: 275.38 ng/ml



#27 Chlordane-5

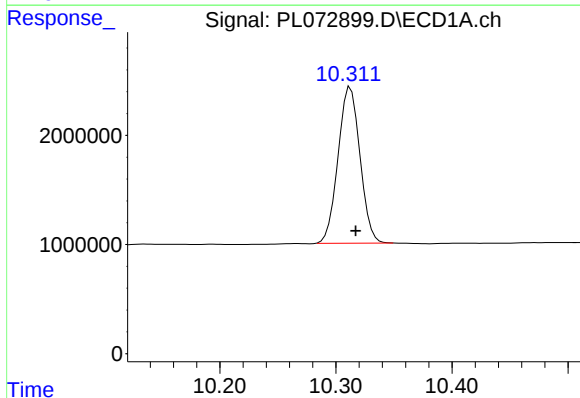
R.T.: 8.280 min  
Delta R.T.: -0.008 min  
Response: 31787014  
Conc: 1239.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



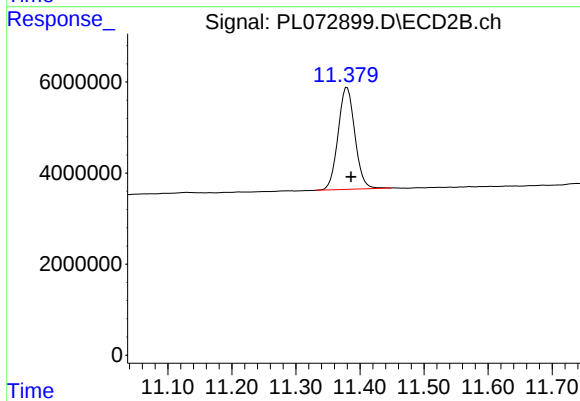
#27 Chlordane-5

R.T.: 9.179 min  
Delta R.T.: -0.014 min  
Response: 84680  
Conc: 1.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.313 min  
Delta R.T.: -0.005 min  
Response: 18795337  
Conc: 24.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.380 min  
Delta R.T.: -0.006 min  
Response: 40767396  
Conc: 25.71 ng/ml