

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
 Data File : PL072902.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2022 20:05  
 Operator : AR\AJ  
 Sample : N1610-01MSD 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 05:37:56 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  | 1224633 | 3933037  | 2.543   | 2.277     |
| 2)                          | SA Decachlor... | 10.311 | 11.379 | 1922441 | 3830271  | 2.539   | 2.415     |
| Target Compounds            |                 |        |        |         |          |         |           |
| 2)                          | A alpha-BHC     | 5.257  | 6.070  | 3302382 | 11715163 | 5.009   | 4.892     |
| 3)                          | MA gamma-BHC... | 5.680  | 6.466  | 3373230 | 12111918 | 5.367   | 5.260     |
| 4)                          | MA Heptachlor   | 6.086  | 7.112  | 3652057 | 12011146 | 5.003   | 5.275     |
| 5)                          | MB Aldrin       | 6.410  | 7.481  | 8900847 | 11025523 | 13.786  | 5.157 #   |
| 6)                          | B beta-BHC      | 6.067  | 6.727  | 1255175 | 12207256 | 5.065   | 11.975 #  |
| 7)                          | B delta-BHC     | 6.324  | 6.992  | 7373552 | 15711698 | 11.136  | 6.858 #   |
| 8)                          | B Heptachlo...  | 6.987  | 7.949  | 3631017 | 8818890  | 5.759   | 4.571     |
| 9)                          | A Endosulfan I  | 7.390  | 8.354  | 3728419 | 10016485 | 6.373   | 5.725     |
| 10)                         | B gamma-Chl...  | 7.264  | 8.219  | 3726734 | 11877961 | 5.883   | 6.141     |
| 11)                         | B alpha-Chl...  | 7.334  | 8.299  | 3877963 | 11299497 | 6.090   | 5.947     |
| 12)                         | B 4,4'-DDE      | 7.549  | 8.489  | 3568165 | 8265262  | 5.872   | 4.422     |
| 13)                         | MA Dieldrin     | 7.676  | 8.643  | 3711463 | 11140262 | 5.877   | 5.978     |
| 14)                         | MA Endrin       | 7.967  | 8.881  | 3525055 | 6812849  | 6.017   | 4.324 #   |
| 15)                         | B Endosulfa...  | 8.280  | 9.119  | 3165359 | 10771727 | 5.203   | 6.407     |
| 16)                         | A 4,4'-DDD      | 8.136  | 9.030  | 43863   | 7550106  | 0.091   | 5.456 #   |
| 17)                         | MA 4,4'-DDT     | 8.396  | 9.347  | 3095885 | 8503592  | 5.754   | 5.555     |
| 18)                         | B Endrin al...  | 8.469  | 9.254  | 2435388 | 6292397  | 5.587   | 5.591     |
| 19)                         | B Endosulfa...  | 8.699  | 9.492  | 3531381 | 9431103  | 5.934   | 6.304     |
| 20)                         | A Methoxychlor  | 8.992  | 9.835  | 2457291 | 4092629  | 6.988   | 5.055 #   |
| 21)                         | B Endrin ke...  | 9.217  | 9.988  | 3715188 | 9245136  | 5.406   | 5.803     |
| 22)                         | Mirex           | 9.399  | 10.450 | 4380730 | 9169423  | 7.384   | 7.811     |
| 23)                         | Chlordane-1     | 5.878  | 0.000  | 26985   | 0        | 1.454   | N.D. #    |
| 24)                         | Chlordane-2     | 6.567  | 7.481  | 2499318 | 11025523 | 98.841  | 143.168 # |
| 25)                         | Chlordane-3     | 7.264  | 8.219  | 3726734 | 11877961 | 55.292  | 39.747 #  |
| 26)                         | Chlordane-4     | 7.334  | 8.299  | 3877963 | 11299497 | 52.851  | 31.669 #  |
| 27)                         | Chlordane-5     | 8.280  | 9.197  | 3165359 | 872441   | 123.380 | 14.273 #  |
| -----                       |                 |        |        |         |          |         |           |

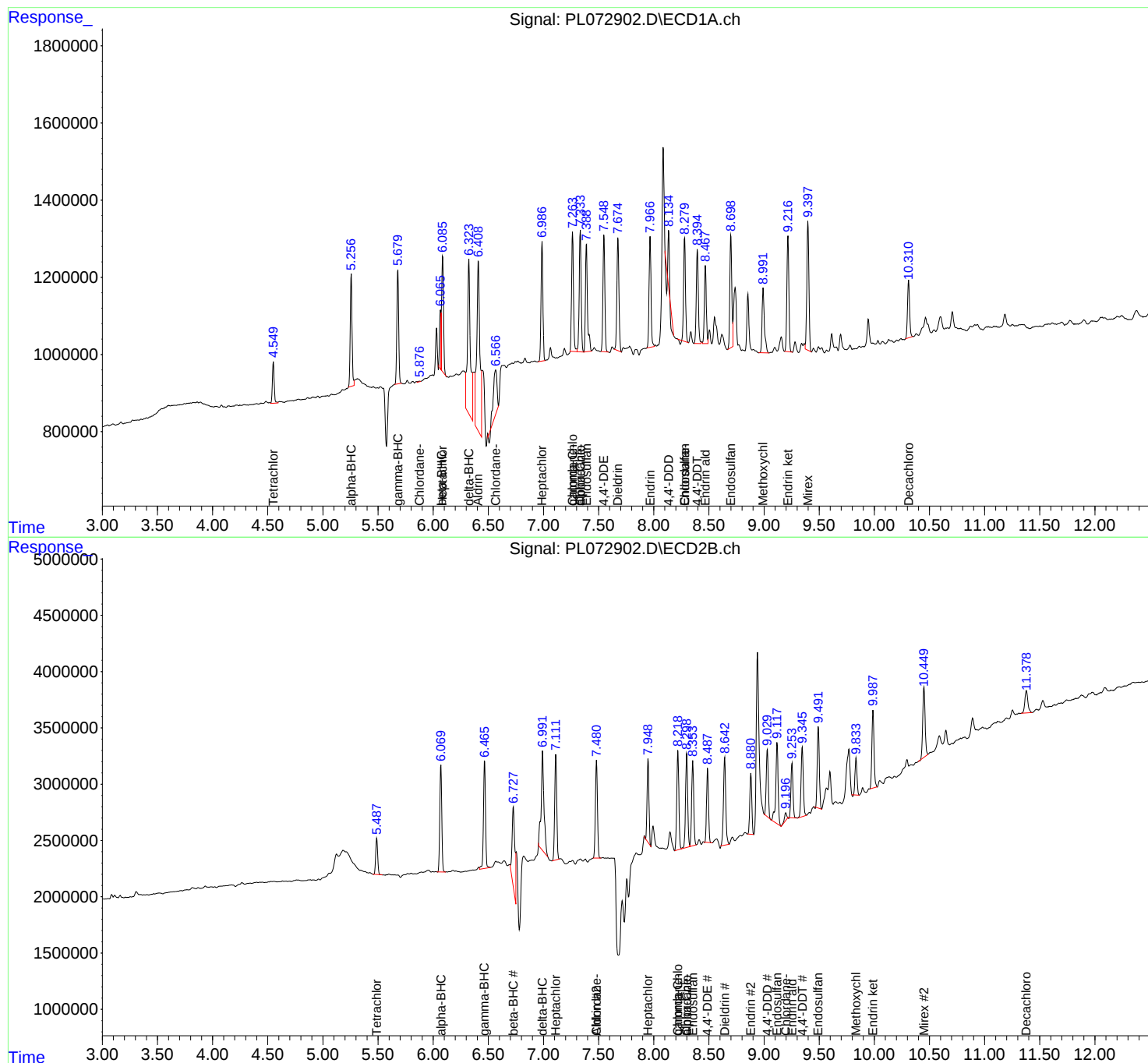
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

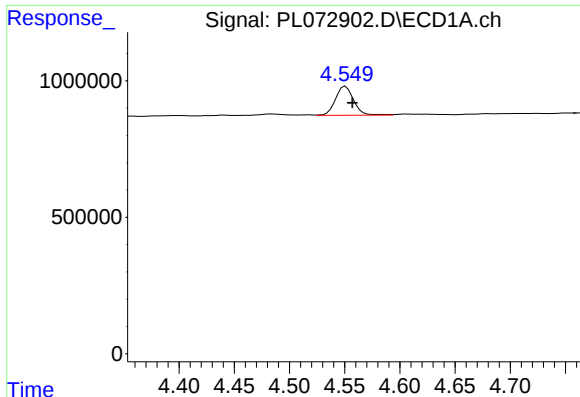
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
 Data File : PL072902.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2022 20:05  
 Operator : AR\AJ  
 Sample : N1610-01MSD 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 05:37:56 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

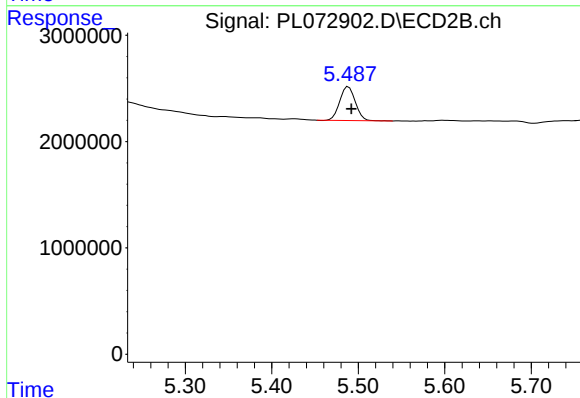




#1 Tetrachloro-m-xylene

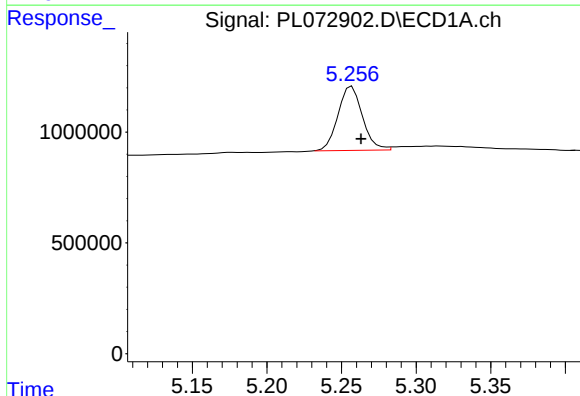
R.T.: 4.551 min  
Delta R.T.: -0.006 min  
Response: 1224633  
Conc: 2.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



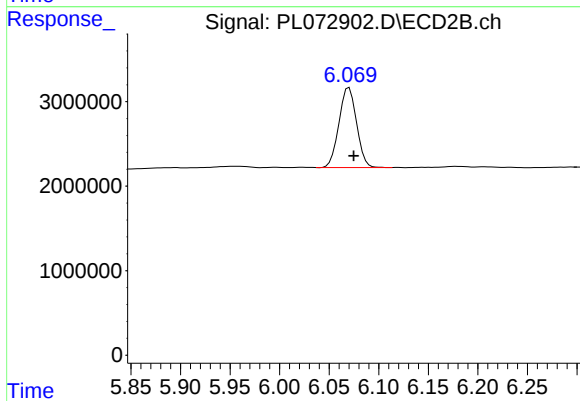
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 3933037  
Conc: 2.28 ng/ml



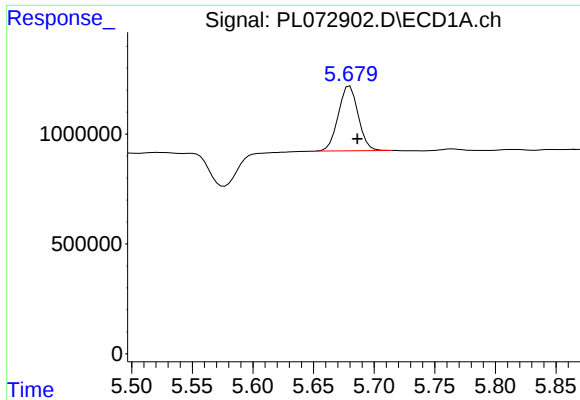
#2 alpha-BHC

R.T.: 5.257 min  
Delta R.T.: -0.006 min  
Response: 3302382  
Conc: 5.01 ng/ml



#2 alpha-BHC

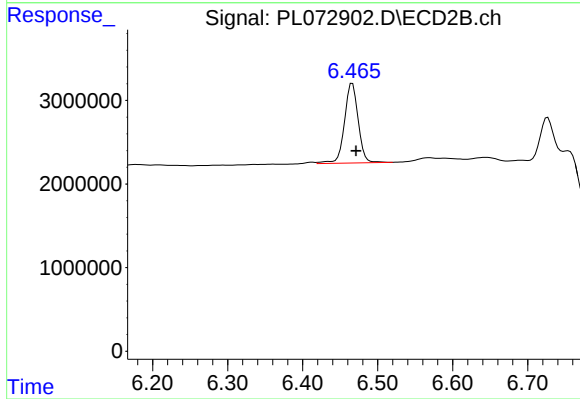
R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 11715163  
Conc: 4.89 ng/ml



#3 gamma-BHC (Lindane)

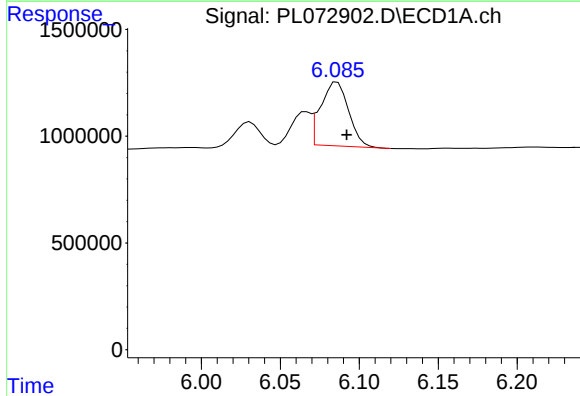
R.T.: 5.680 min  
Delta R.T.: -0.006 min  
Response: 3373230  
Conc: 5.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



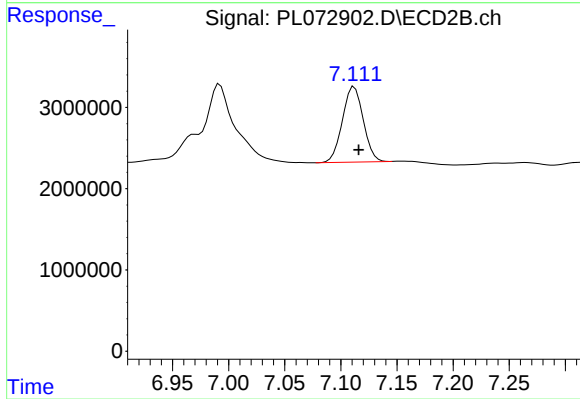
#3 gamma-BHC (Lindane)

R.T.: 6.466 min  
Delta R.T.: -0.005 min  
Response: 12111918  
Conc: 5.26 ng/ml



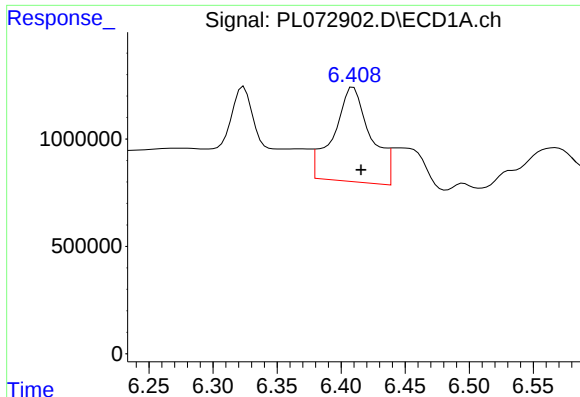
#4 Heptachlor

R.T.: 6.086 min  
Delta R.T.: -0.006 min  
Response: 3652057  
Conc: 5.00 ng/ml



#4 Heptachlor

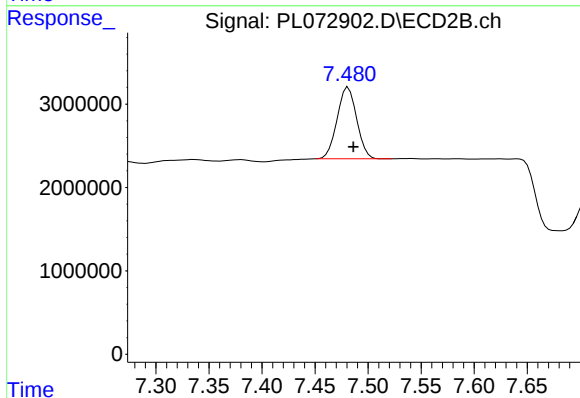
R.T.: 7.112 min  
Delta R.T.: -0.004 min  
Response: 12011146  
Conc: 5.28 ng/ml



#5 Aldrin

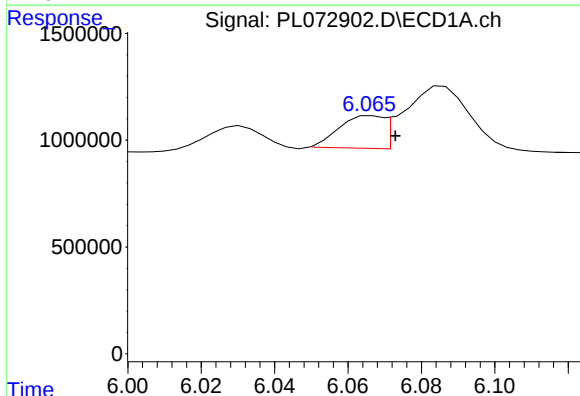
R.T.: 6.410 min  
Delta R.T.: -0.006 min  
Response: 8900847  
Conc: 13.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



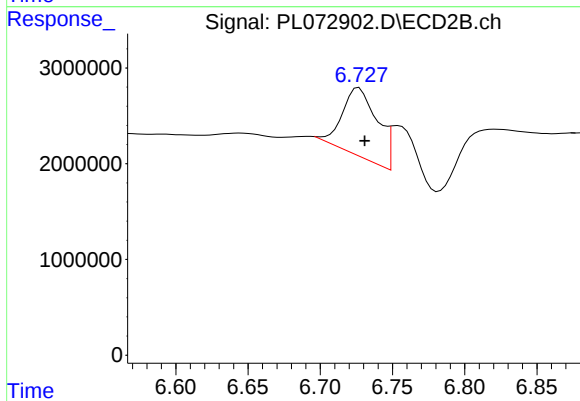
#5 Aldrin

R.T.: 7.481 min  
Delta R.T.: -0.005 min  
Response: 11025523  
Conc: 5.16 ng/ml



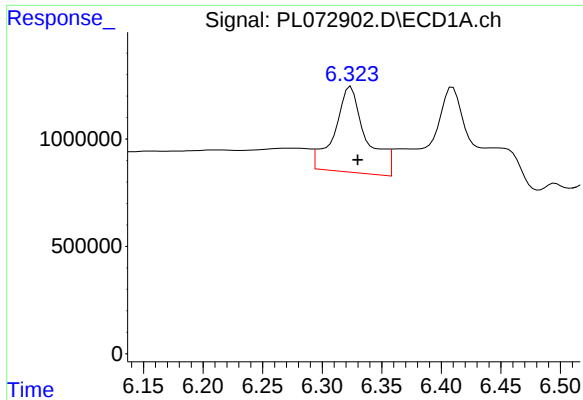
#6 beta-BHC

R.T.: 6.067 min  
Delta R.T.: -0.006 min  
Response: 1255175  
Conc: 5.07 ng/ml



#6 beta-BHC

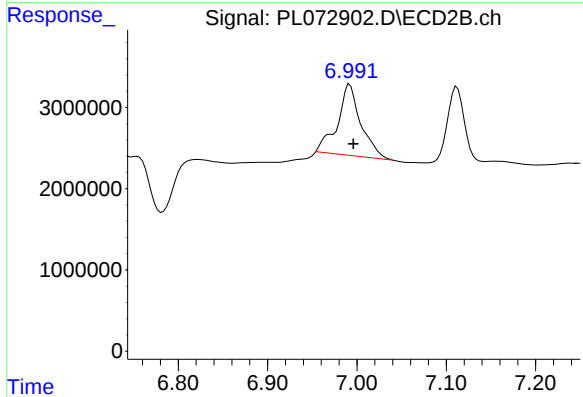
R.T.: 6.727 min  
Delta R.T.: -0.004 min  
Response: 12207256  
Conc: 11.97 ng/ml



#7 delta-BHC

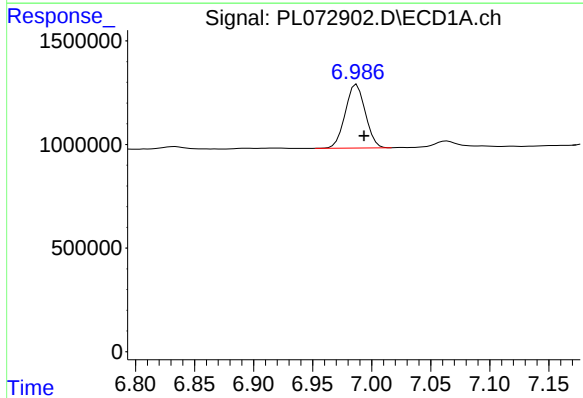
R.T.: 6.324 min  
Delta R.T.: -0.006 min  
Response: 7373552  
Conc: 11.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



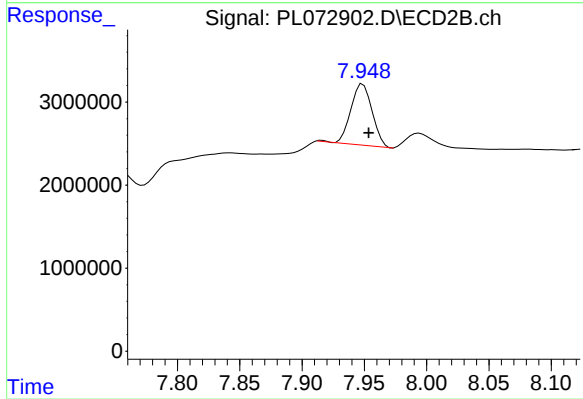
#7 delta-BHC

R.T.: 6.992 min  
Delta R.T.: -0.004 min  
Response: 15711698  
Conc: 6.86 ng/ml



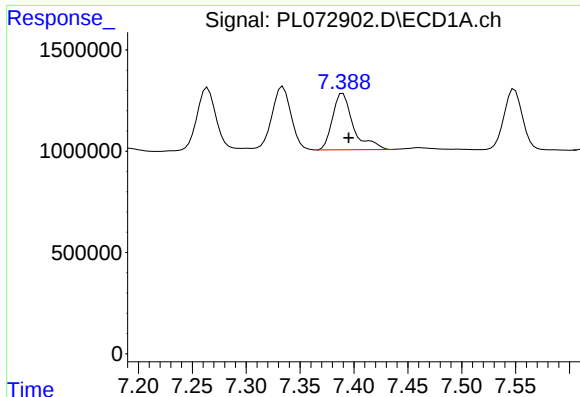
#8 Heptachlor epoxide

R.T.: 6.987 min  
Delta R.T.: -0.006 min  
Response: 3631017  
Conc: 5.76 ng/ml



#8 Heptachlor epoxide

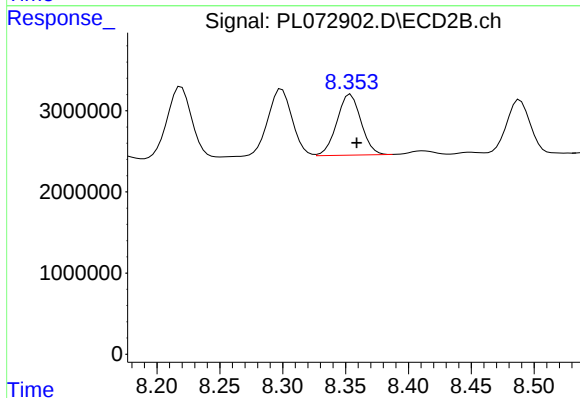
R.T.: 7.949 min  
Delta R.T.: -0.005 min  
Response: 8818890  
Conc: 4.57 ng/ml



#9 Endosulfan I

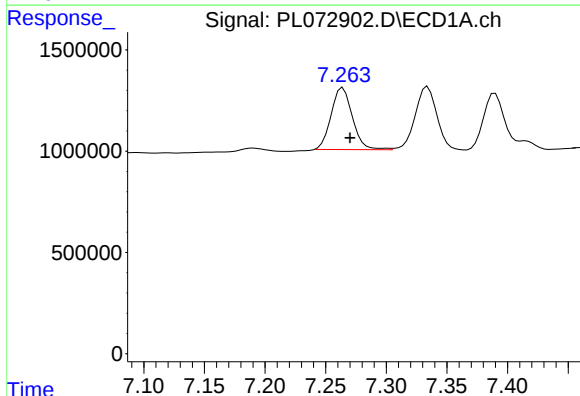
R.T.: 7.390 min  
Delta R.T.: -0.005 min  
Response: 3728419  
Conc: 6.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



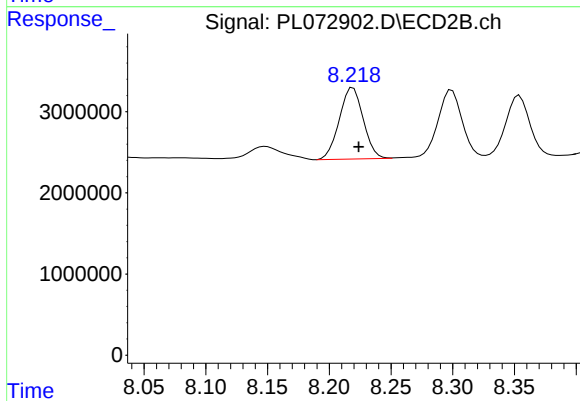
#9 Endosulfan I

R.T.: 8.354 min  
Delta R.T.: -0.005 min  
Response: 10016485  
Conc: 5.73 ng/ml



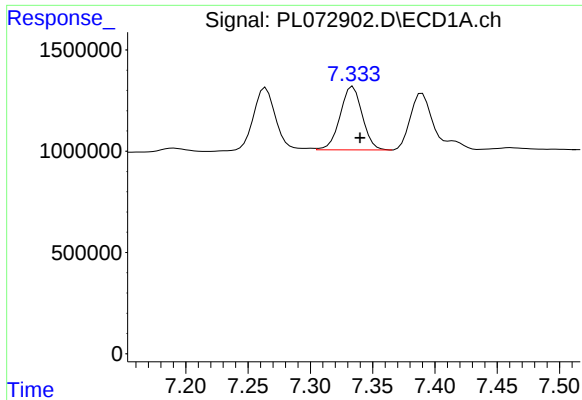
#10 gamma-Chlordane

R.T.: 7.264 min  
Delta R.T.: -0.006 min  
Response: 3726734  
Conc: 5.88 ng/ml



#10 gamma-Chlordane

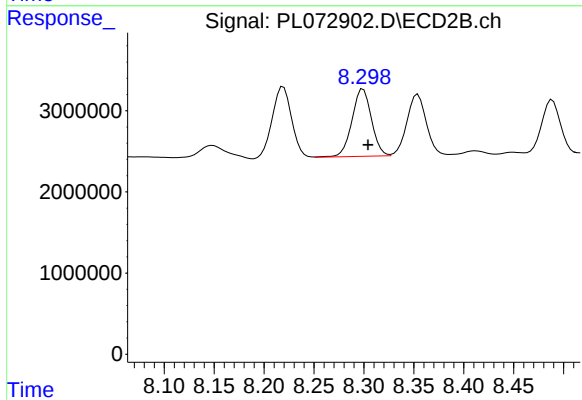
R.T.: 8.219 min  
Delta R.T.: -0.005 min  
Response: 11877961  
Conc: 6.14 ng/ml



#11 alpha-Chlordane

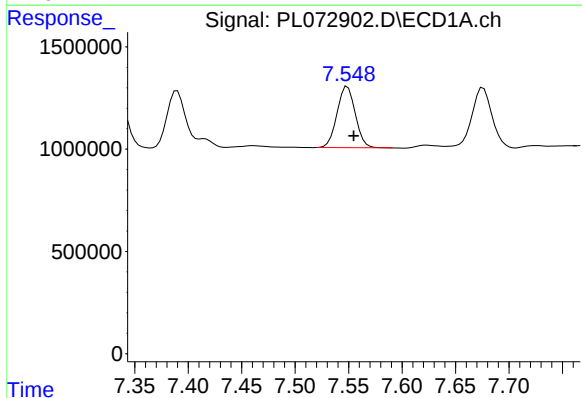
R.T.: 7.334 min  
Delta R.T.: -0.006 min  
Response: 3877963  
Conc: 6.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



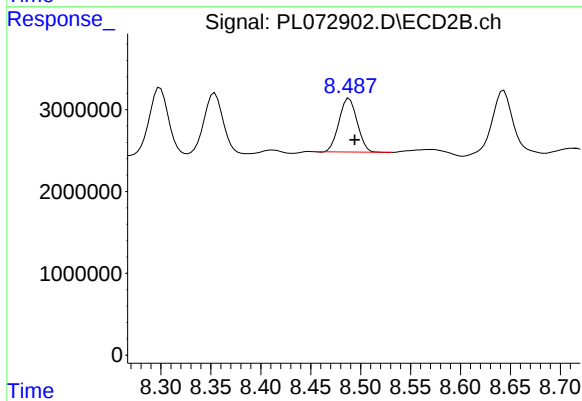
#11 alpha-Chlordane

R.T.: 8.299 min  
Delta R.T.: -0.005 min  
Response: 11299497  
Conc: 5.95 ng/ml



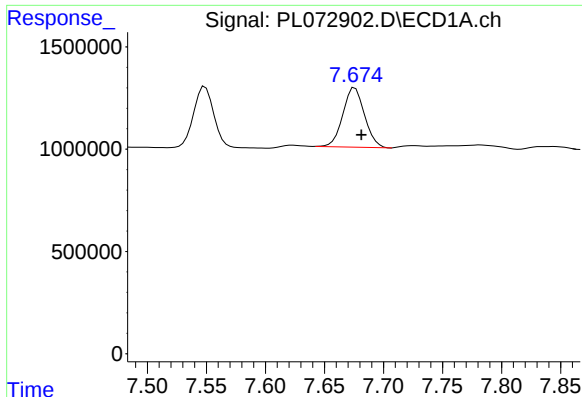
#12 4,4'-DDE

R.T.: 7.549 min  
Delta R.T.: -0.006 min  
Response: 3568165  
Conc: 5.87 ng/ml



#12 4,4'-DDE

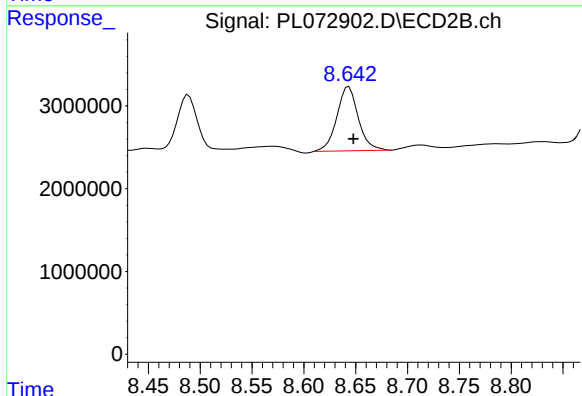
R.T.: 8.489 min  
Delta R.T.: -0.005 min  
Response: 8265262  
Conc: 4.42 ng/ml



#13 Dieldrin

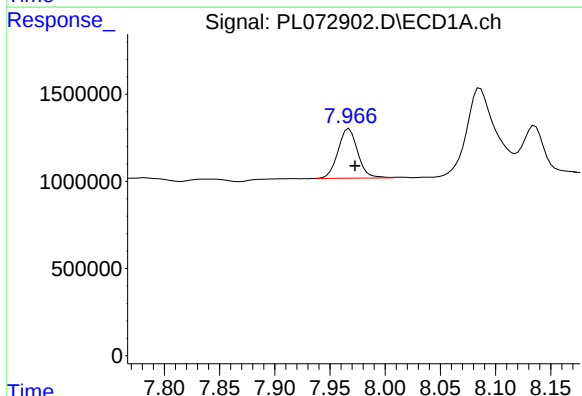
R.T.: 7.676 min  
Delta R.T.: -0.005 min  
Response: 3711463  
Conc: 5.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



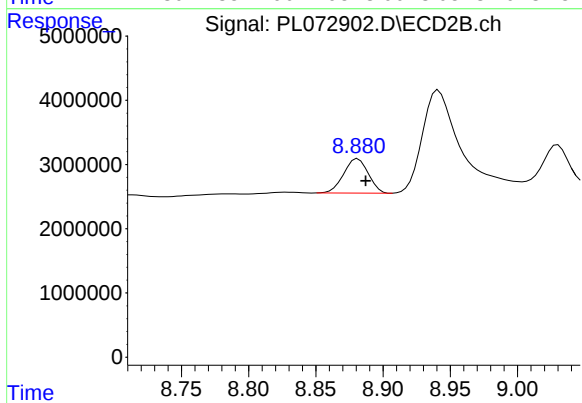
#13 Dieldrin

R.T.: 8.643 min  
Delta R.T.: -0.004 min  
Response: 11140262  
Conc: 5.98 ng/ml



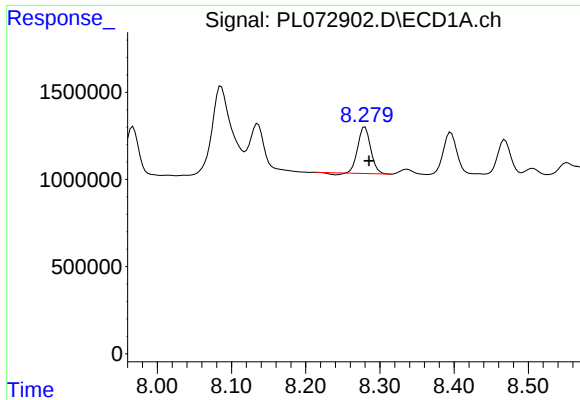
#14 Endrin

R.T.: 7.967 min  
Delta R.T.: -0.005 min  
Response: 3525055  
Conc: 6.02 ng/ml



#14 Endrin

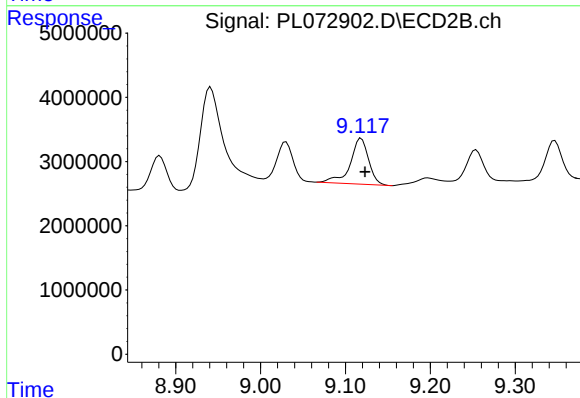
R.T.: 8.881 min  
Delta R.T.: -0.006 min  
Response: 6812849  
Conc: 4.32 ng/ml



#15 Endosulfan II

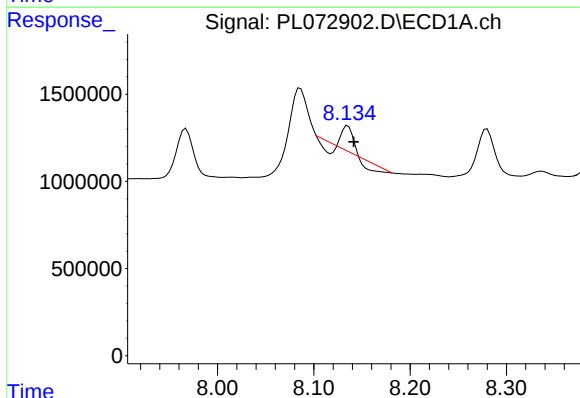
R.T.: 8.280 min  
Delta R.T.: -0.006 min  
Response: 3165359  
Conc: 5.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



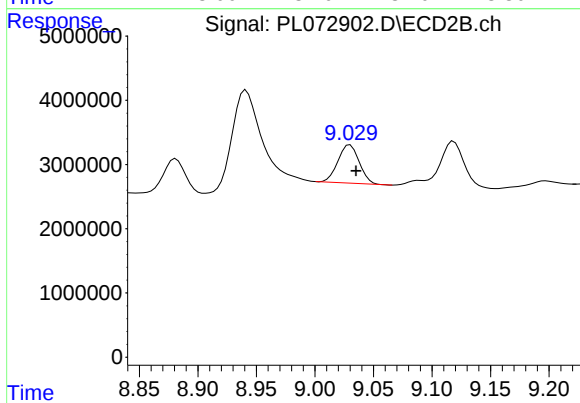
#15 Endosulfan II

R.T.: 9.119 min  
Delta R.T.: -0.005 min  
Response: 10771727  
Conc: 6.41 ng/ml



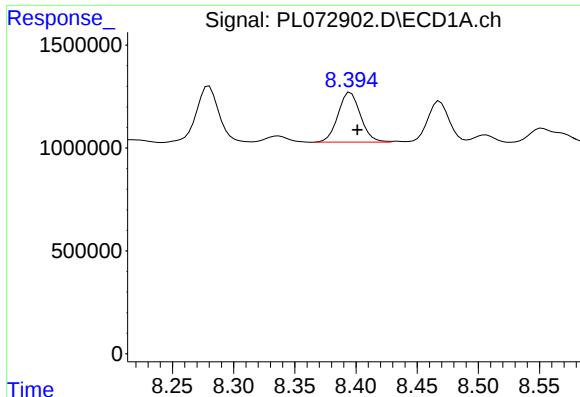
#16 4,4'-DDD

R.T.: 8.136 min  
Delta R.T.: -0.006 min  
Response: 43863  
Conc: 0.09 ng/ml



#16 4,4'-DDD

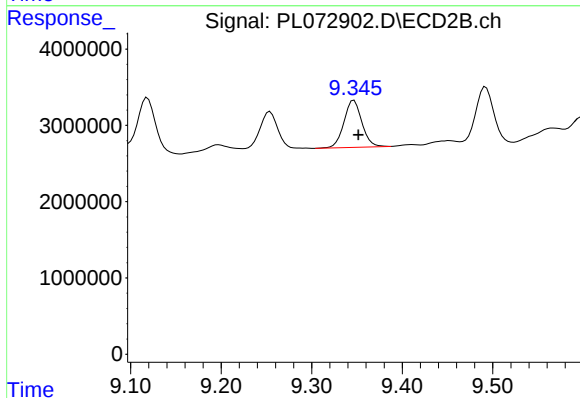
R.T.: 9.030 min  
Delta R.T.: -0.005 min  
Response: 7550106  
Conc: 5.46 ng/ml



#17 4,4'-DDT

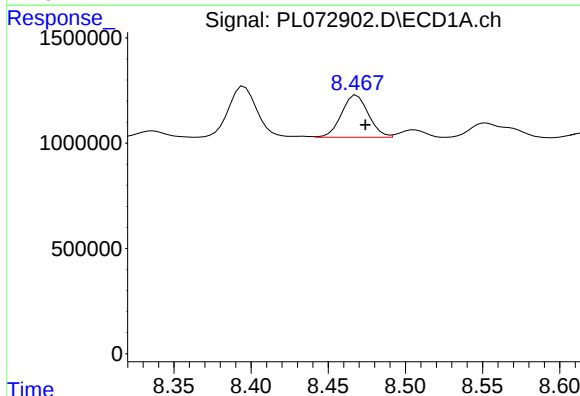
R.T.: 8.396 min  
Delta R.T.: -0.006 min  
Response: 3095885  
Conc: 5.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



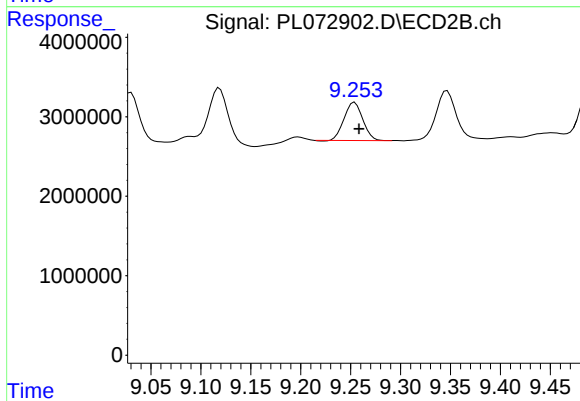
#17 4,4'-DDT

R.T.: 9.347 min  
Delta R.T.: -0.005 min  
Response: 8503592  
Conc: 5.55 ng/ml



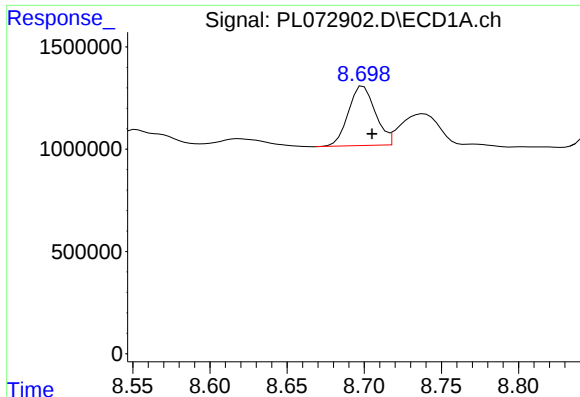
#18 Endrin aldehyde

R.T.: 8.469 min  
Delta R.T.: -0.006 min  
Response: 2435388  
Conc: 5.59 ng/ml



#18 Endrin aldehyde

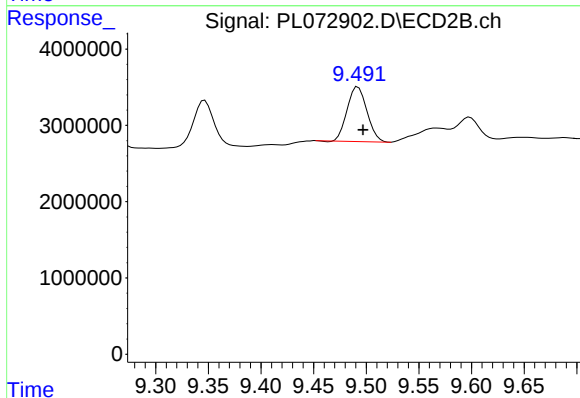
R.T.: 9.254 min  
Delta R.T.: -0.004 min  
Response: 6292397  
Conc: 5.59 ng/ml



#19 Endosulfan Sulfate

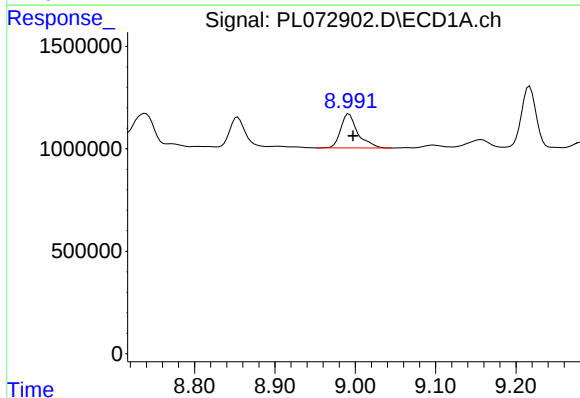
R.T.: 8.699 min  
Delta R.T.: -0.006 min  
Response: 3531381  
Conc: 5.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



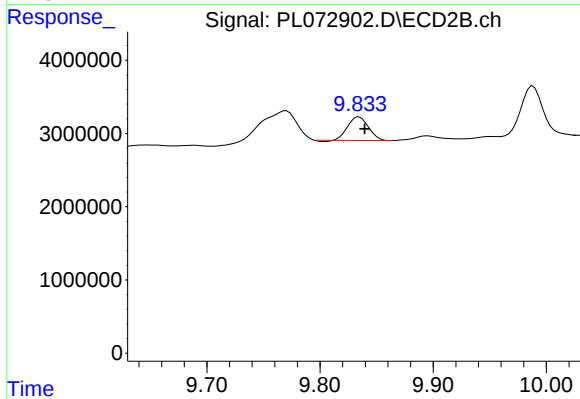
#19 Endosulfan Sulfate

R.T.: 9.492 min  
Delta R.T.: -0.005 min  
Response: 9431103  
Conc: 6.30 ng/ml



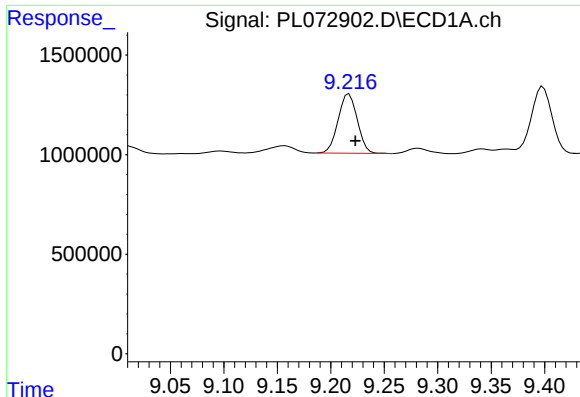
#20 Methoxychlor

R.T.: 8.992 min  
Delta R.T.: -0.005 min  
Response: 2457291  
Conc: 6.99 ng/ml



#20 Methoxychlor

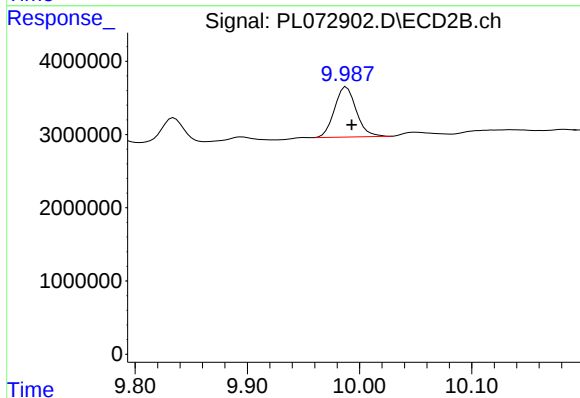
R.T.: 9.835 min  
Delta R.T.: -0.005 min  
Response: 4092629  
Conc: 5.05 ng/ml



#21 Endrin ketone

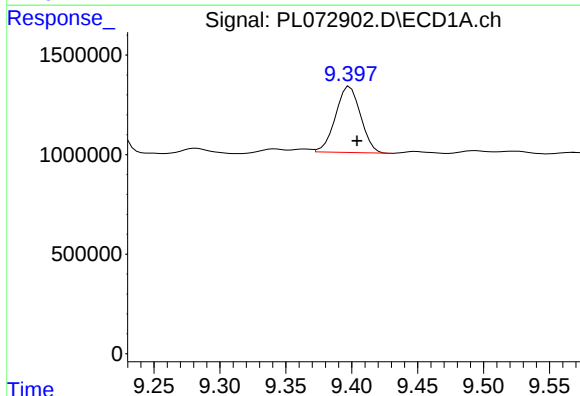
R.T.: 9.217 min  
Delta R.T.: -0.006 min  
Response: 3715188  
Conc: 5.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



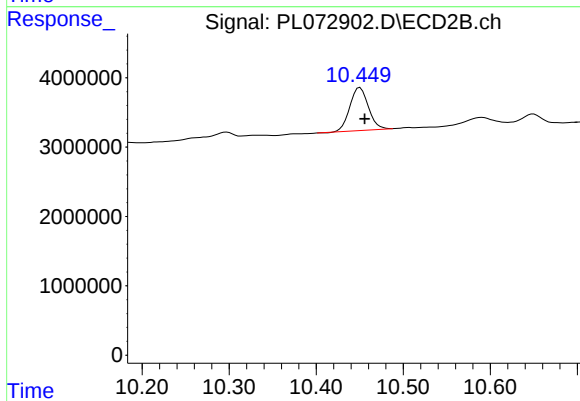
#21 Endrin ketone

R.T.: 9.988 min  
Delta R.T.: -0.004 min  
Response: 9245136  
Conc: 5.80 ng/ml



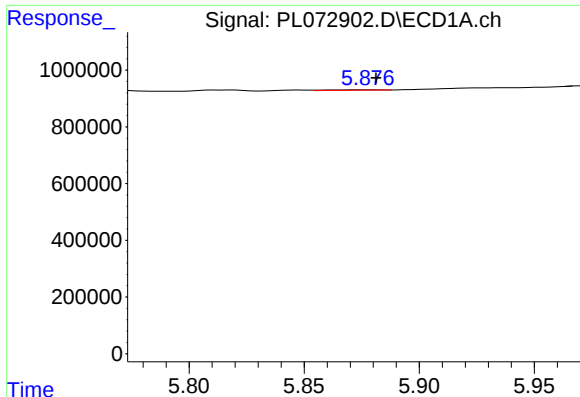
#22 Mirex

R.T.: 9.399 min  
Delta R.T.: -0.005 min  
Response: 4380730  
Conc: 7.38 ng/ml



#22 Mirex

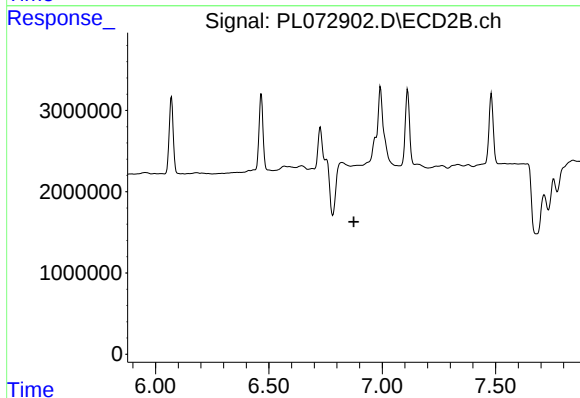
R.T.: 10.450 min  
Delta R.T.: -0.005 min  
Response: 9169423  
Conc: 7.81 ng/ml



#23 Chlordane-1

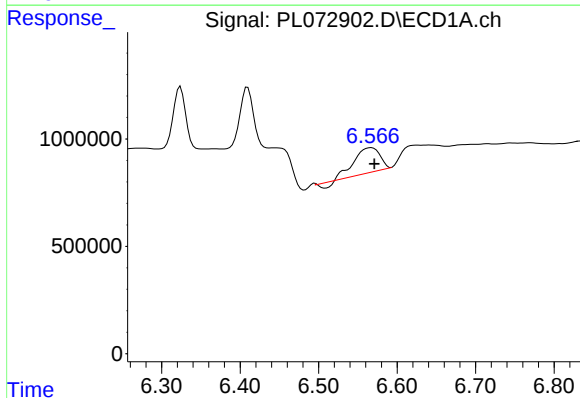
R.T.: 5.878 min  
Delta R.T.: -0.004 min  
Response: 26985  
Conc: 1.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



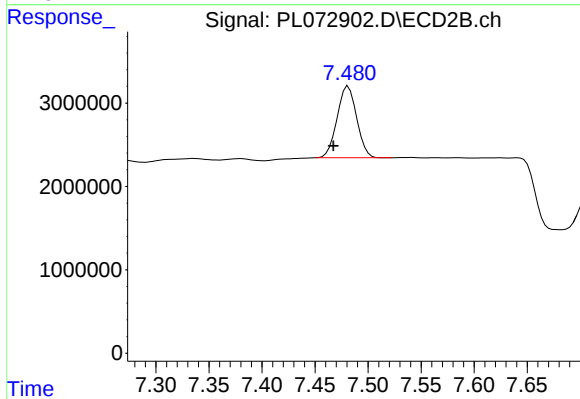
#23 Chlordane-1

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



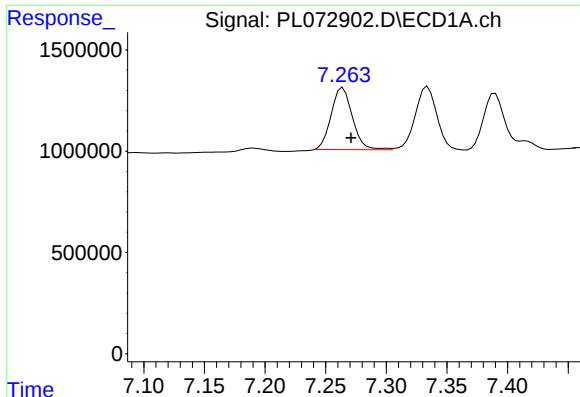
#24 Chlordane-2

R.T.: 6.567 min  
Delta R.T.: -0.004 min  
Response: 2499318  
Conc: 98.84 ng/ml



#24 Chlordane-2

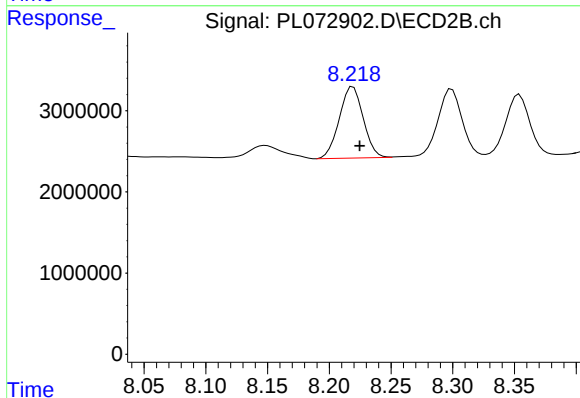
R.T.: 7.481 min  
Delta R.T.: 0.014 min  
Response: 11025523  
Conc: 143.17 ng/ml



#25 Chlordane-3

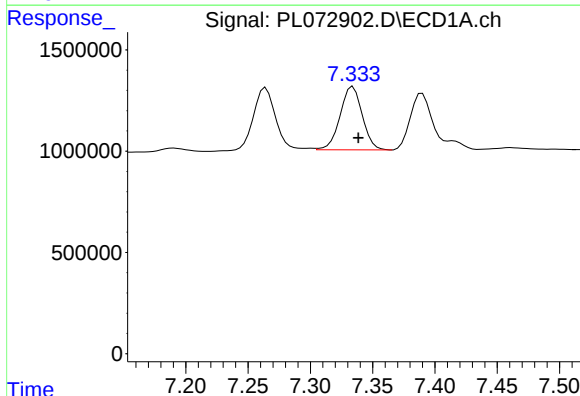
R.T.: 7.264 min  
Delta R.T.: -0.007 min  
Response: 3726734  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



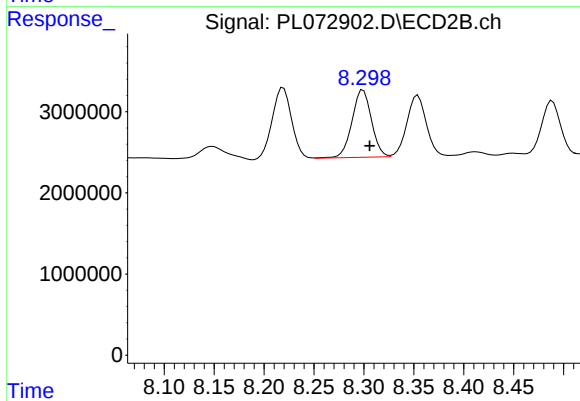
#25 Chlordane-3

R.T.: 8.219 min  
Delta R.T.: -0.005 min  
Response: 11877961  
Conc: 39.75 ng/ml



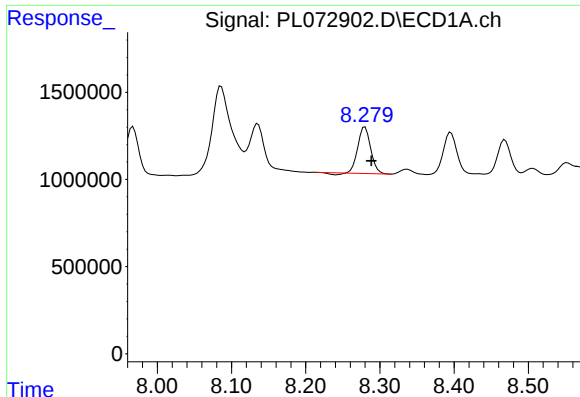
#26 Chlordane-4

R.T.: 7.334 min  
Delta R.T.: -0.005 min  
Response: 3877963  
Conc: 52.85 ng/ml



#26 Chlordane-4

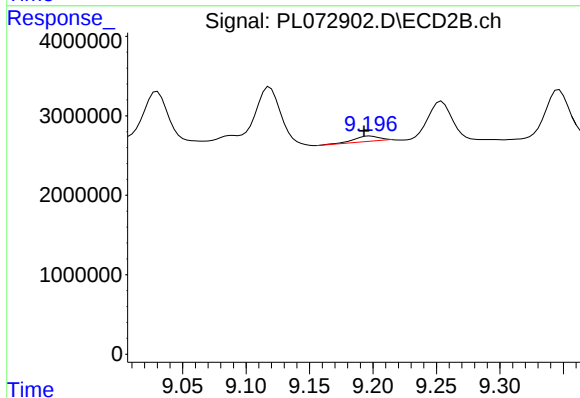
R.T.: 8.299 min  
Delta R.T.: -0.007 min  
Response: 11299497  
Conc: 31.67 ng/ml



#27 Chlordane-5

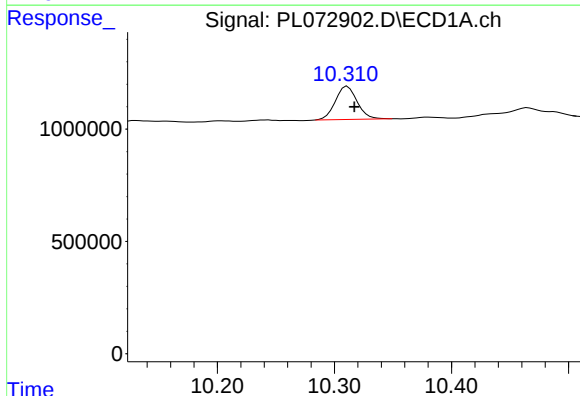
R.T.: 8.280 min  
Delta R.T.: -0.009 min  
Response: 3165359  
Conc: 123.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



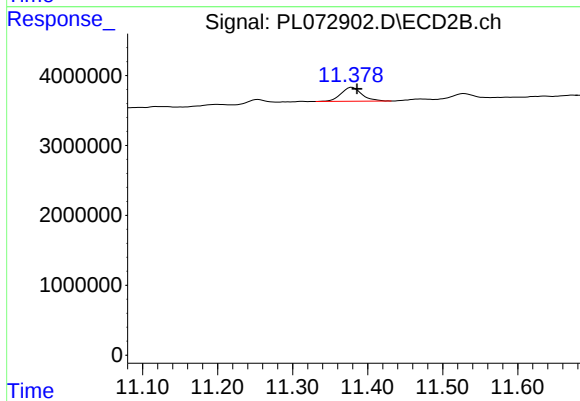
#27 Chlordane-5

R.T.: 9.197 min  
Delta R.T.: 0.004 min  
Response: 872441  
Conc: 14.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.311 min  
Delta R.T.: -0.006 min  
Response: 1922441  
Conc: 2.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.379 min  
Delta R.T.: -0.007 min  
Response: 3830271  
Conc: 2.42 ng/ml