

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
 Data File : PL072888.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2022 15:35  
 Operator : AR\AJ  
 Sample : PB142856BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 05:33:55 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... | 4.552  | 5.489  | 9161441  | 33074777 | 19.027   | 19.147     |
| 28)                         | SA Decachlor... | 10.311 | 11.379 | 17408476 | 37534045 | 22.995   | 23.669     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.258  | 6.070  | 27941680 | 106.1E6  | 42.378   | 44.316     |
| 3)                          | MA gamma-BHC... | 5.681  | 6.466  | 27499117 | 100.5E6  | 43.755   | 43.628     |
| 4)                          | MA Heptachlor   | 6.086  | 7.112  | 39318208 | 104.3E6  | 53.866   | 45.806     |
| 5)                          | MB Aldrin       | 6.410  | 7.481  | 29742310 | 98609146 | 46.065   | 46.127     |
| 6)                          | B beta-BHC      | 6.086  | 6.727  | 39318208 | 44176889 | 158.676  | 43.335 #   |
| 7)                          | B delta-BHC     | 6.325  | 6.992  | 28488640 | 99384006 | 43.026   | 43.380     |
| 8)                          | B Heptachlo...  | 6.988  | 7.949  | 29667214 | 91144011 | 47.057   | 47.243     |
| 9)                          | A Endosulfan I  | 7.390  | 8.354  | 28039452 | 83545242 | 47.927   | 47.754     |
| 10)                         | B gamma-Chl...  | 7.265  | 8.219  | 29715813 | 91920109 | 46.910   | 47.522     |
| 11)                         | B alpha-Chl...  | 7.334  | 8.299  | 30423440 | 90606346 | 47.777   | 47.688     |
| 12)                         | B 4,4'-DDE      | 7.549  | 8.489  | 29816483 | 88328651 | 49.064   | 47.258     |
| 13)                         | MA Dieldrin     | 7.676  | 8.643  | 31094593 | 90469108 | 49.239   | 48.544     |
| 14)                         | MA Endrin       | 7.967  | 8.883  | 28752231 | 78910262 | 49.081   | 50.081     |
| 15)                         | B Endosulfa...  | 8.280  | 9.118  | 29282779 | 78967598 | 48.131   | 46.967     |
| 16)                         | A 4,4'-DDD      | 8.135  | 9.030  | 24150339 | 66567301 | 50.199   | 48.105     |
| 17)                         | MA 4,4'-DDT     | 8.395  | 9.347  | 27744127 | 75179722 | 51.561   | 49.110     |
| 18)                         | B Endrin al...  | 8.468  | 9.254  | 24562517 | 64459923 | 56.351   | 57.274     |
| 19)                         | B Endosulfa...  | 8.699  | 9.491  | 29168952 | 74300563 | 49.015   | 49.667     |
| 20)                         | A Methoxychlor  | 8.991  | 9.835  | 17726442 | 40183326 | 50.413   | 49.630     |
| 21)                         | B Endrin ke...  | 9.217  | 9.988  | 33387266 | 79715155 | 48.579   | 50.032     |
| 22)                         | Mirex           | 9.398  | 10.450 | 32186591 | 65641515 | 54.255   | 55.918     |
| 23)                         | Chlordane-1     | 5.871  | 0.000  | 2841     | 0        | 0.153    | N.D. #     |
| 24)                         | Chlordane-2     | 6.573  | 7.481  | 26802    | 98609146 | 1.060    | 1280.455 # |
| 25)                         | Chlordane-3     | 7.265  | 8.219  | 29715813 | 91920109 | 440.881  | 307.591 #  |
| 26)                         | Chlordane-4     | 7.334  | 8.299  | 30423440 | 90606346 | 414.625  | 253.945 #  |
| 27)                         | Chlordane-5     | 8.280  | 9.174f | 29282779 | 29171    | 1141.386 | 0.477 #    |
| -----                       |                 |        |        |          |          |          |            |

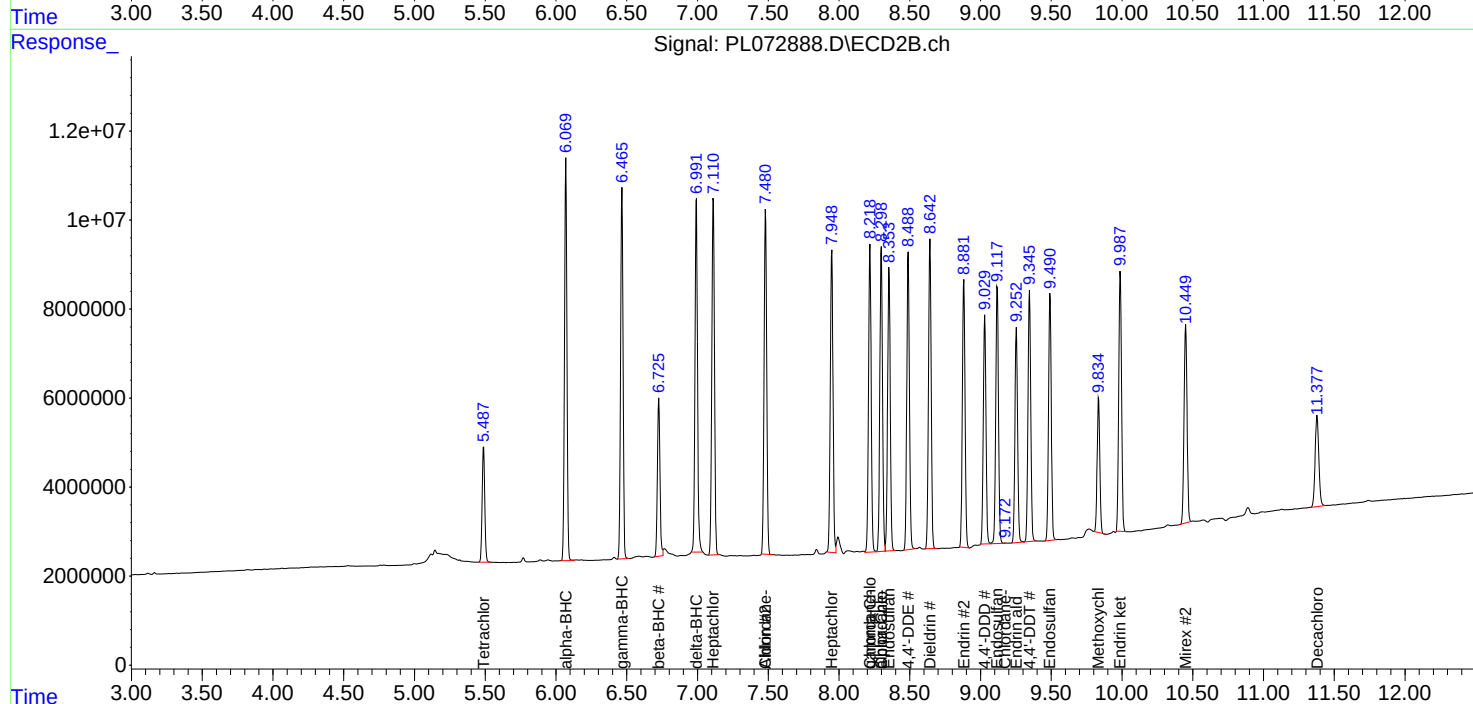
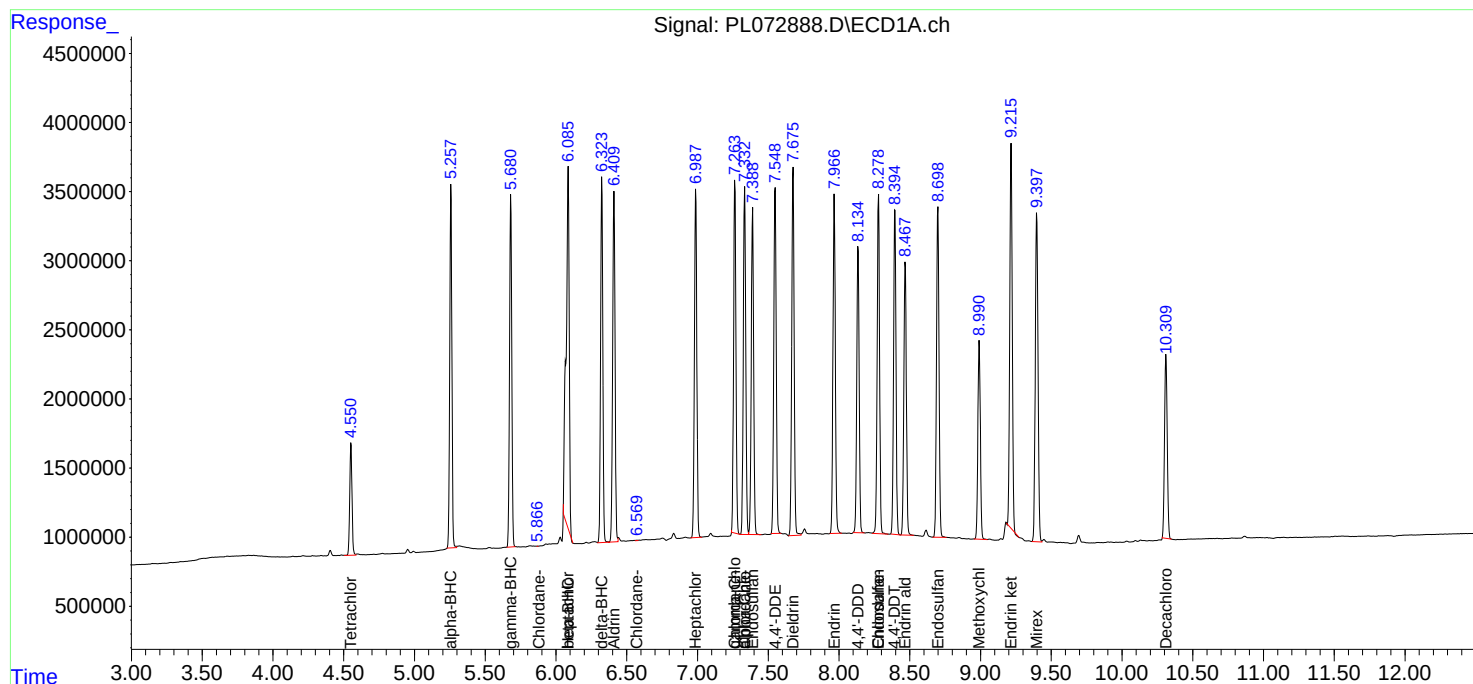
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

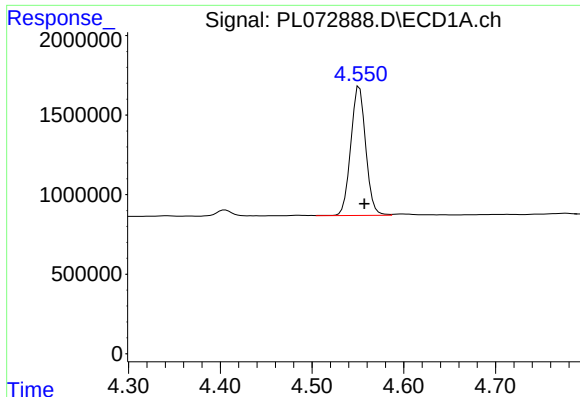
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
Data File : PL072888.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Feb 2022 15:35  
Operator : AR\AJ  
Sample : PB142856BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 05:33:55 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

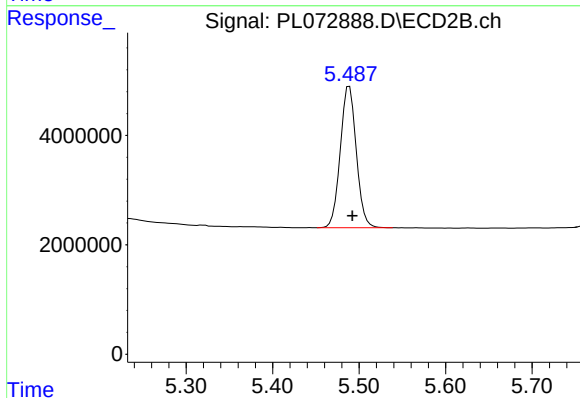




#1 Tetrachloro-m-xylene

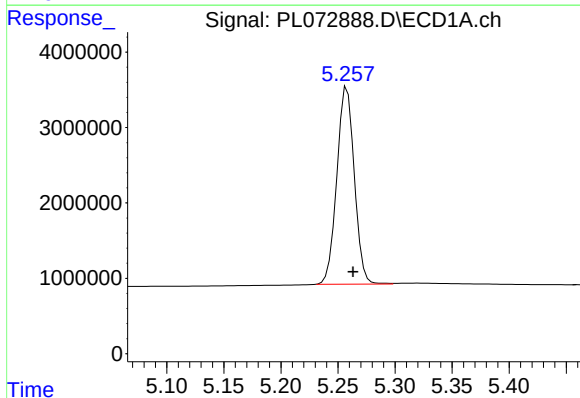
R.T.: 4.552 min  
Delta R.T.: -0.005 min  
Response: 9161441  
Conc: 19.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



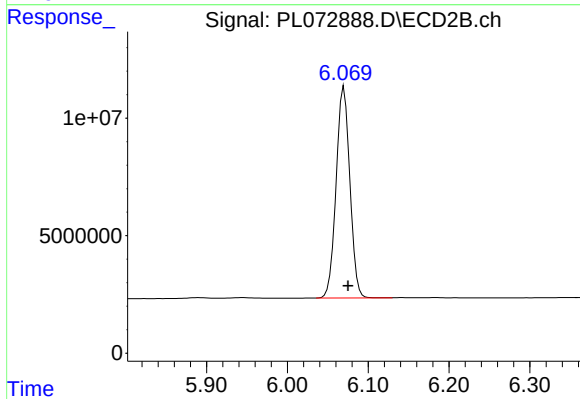
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 33074777  
Conc: 19.15 ng/ml



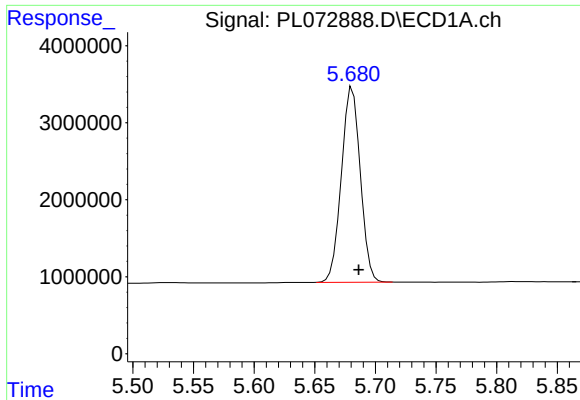
#2 alpha-BHC

R.T.: 5.258 min  
Delta R.T.: -0.005 min  
Response: 27941680  
Conc: 42.38 ng/ml



#2 alpha-BHC

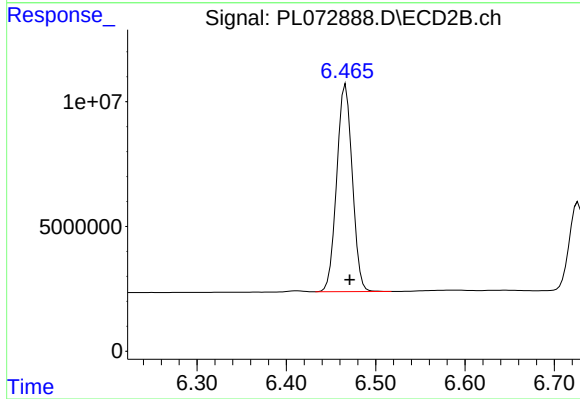
R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 106124998  
Conc: 44.32 ng/ml



#3 gamma-BHC (Lindane)

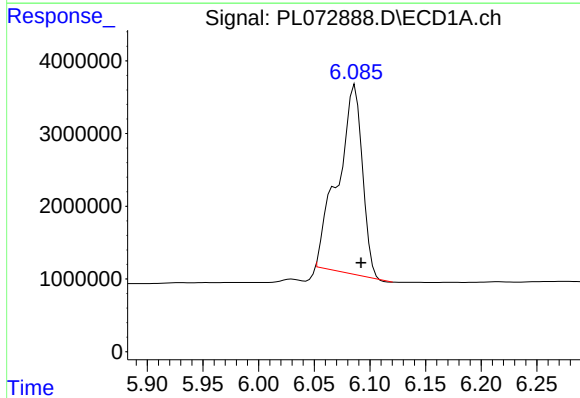
R.T.: 5.681 min  
Delta R.T.: -0.005 min  
Response: 27499117  
Conc: 43.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



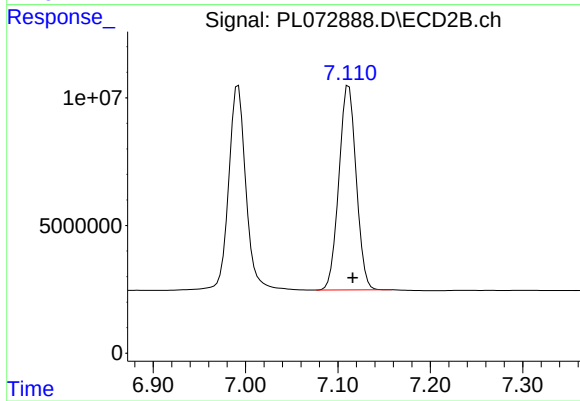
#3 gamma-BHC (Lindane)

R.T.: 6.466 min  
Delta R.T.: -0.005 min  
Response: 100452261  
Conc: 43.63 ng/ml



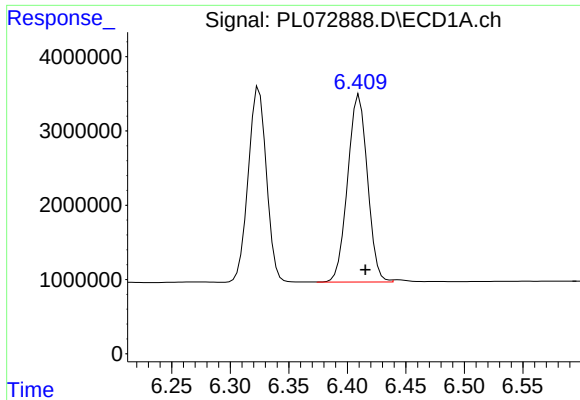
#4 Heptachlor

R.T.: 6.086 min  
Delta R.T.: -0.006 min  
Response: 39318208  
Conc: 53.87 ng/ml



#4 Heptachlor

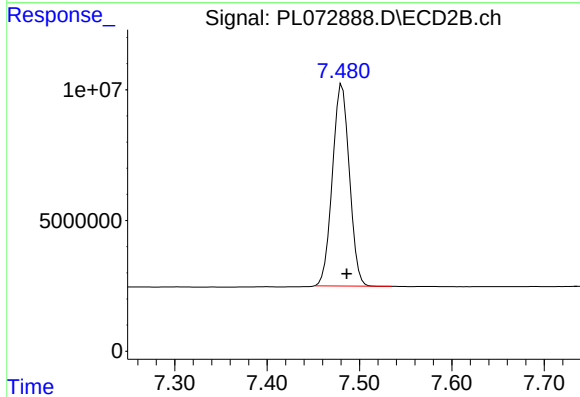
R.T.: 7.112 min  
Delta R.T.: -0.004 min  
Response: 104294013  
Conc: 45.81 ng/ml



#5 Aldrin

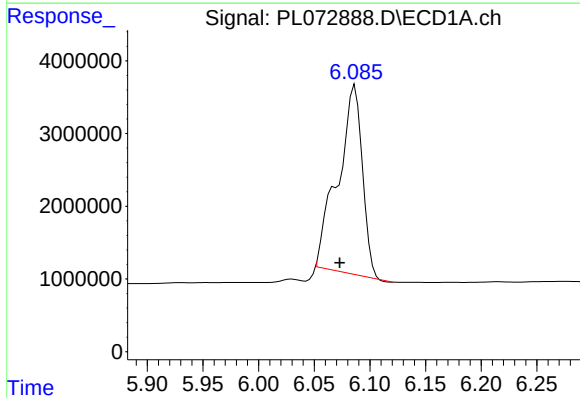
R.T.: 6.410 min  
Delta R.T.: -0.005 min  
Response: 29742310  
Conc: 46.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



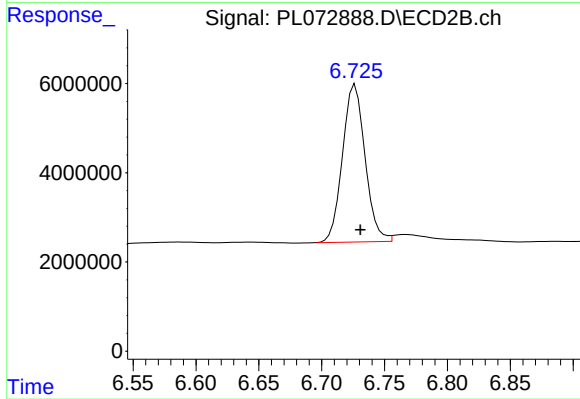
#5 Aldrin

R.T.: 7.481 min  
Delta R.T.: -0.005 min  
Response: 98609146  
Conc: 46.13 ng/ml



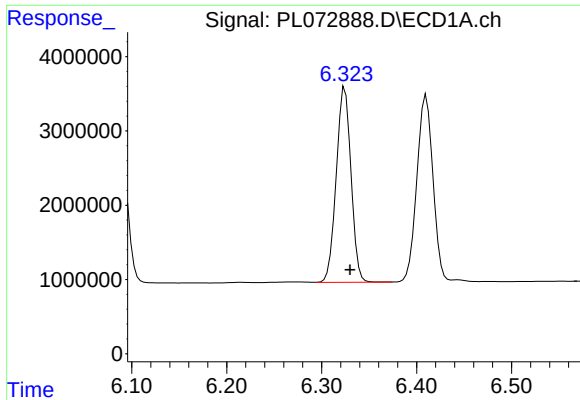
#6 beta-BHC

R.T.: 6.086 min  
Delta R.T.: 0.014 min  
Response: 39318208  
Conc: 158.68 ng/ml



#6 beta-BHC

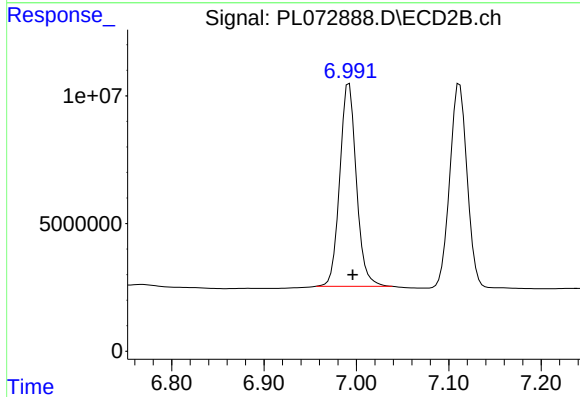
R.T.: 6.727 min  
Delta R.T.: -0.004 min  
Response: 44176889  
Conc: 43.34 ng/ml



#7 delta-BHC

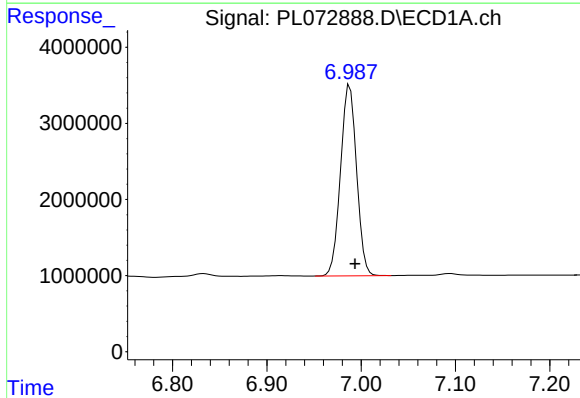
R.T.: 6.325 min  
Delta R.T.: -0.005 min  
Response: 28488640  
Conc: 43.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



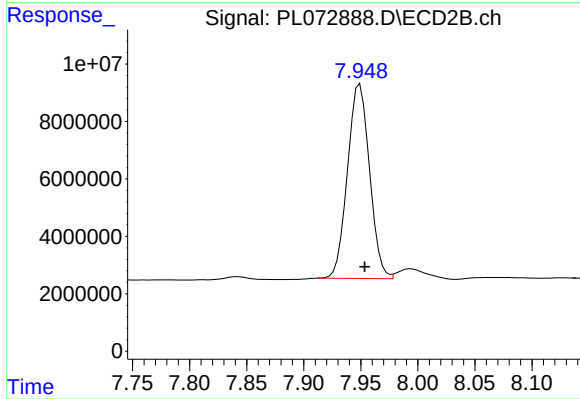
#7 delta-BHC

R.T.: 6.992 min  
Delta R.T.: -0.004 min  
Response: 99384006  
Conc: 43.38 ng/ml



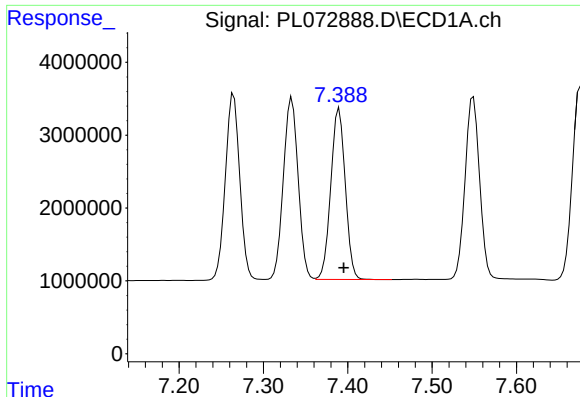
#8 Heptachlor epoxide

R.T.: 6.988 min  
Delta R.T.: -0.006 min  
Response: 29667214  
Conc: 47.06 ng/ml



#8 Heptachlor epoxide

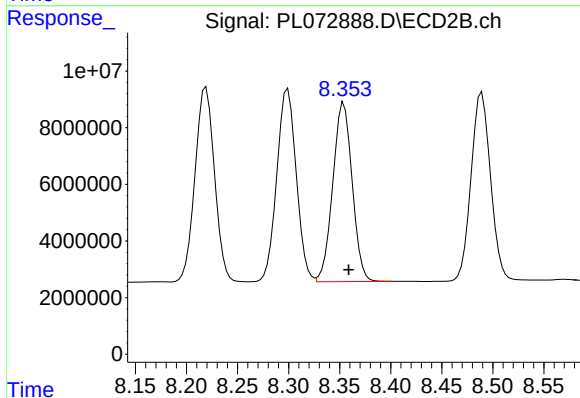
R.T.: 7.949 min  
Delta R.T.: -0.004 min  
Response: 91144011  
Conc: 47.24 ng/ml



#9 Endosulfan I

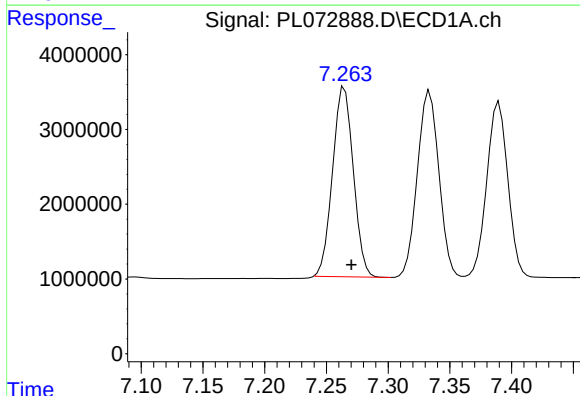
R.T.: 7.390 min  
Delta R.T.: -0.005 min  
Response: 28039452  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



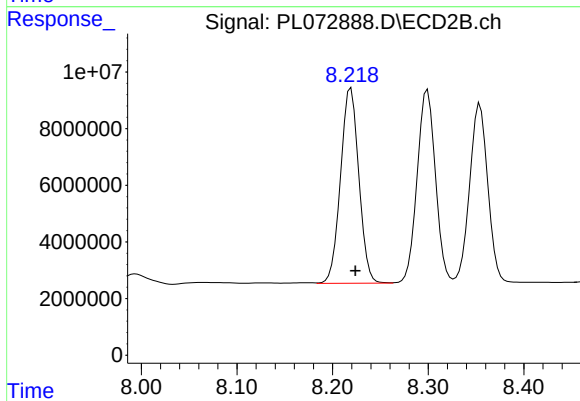
#9 Endosulfan I

R.T.: 8.354 min  
Delta R.T.: -0.005 min  
Response: 83545242  
Conc: 47.75 ng/ml



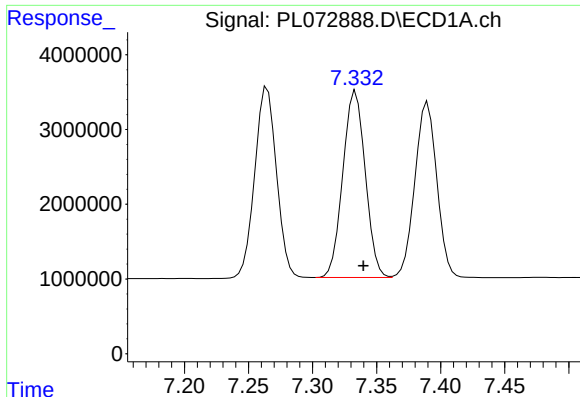
#10 gamma-Chlordane

R.T.: 7.265 min  
Delta R.T.: -0.006 min  
Response: 29715813  
Conc: 46.91 ng/ml



#10 gamma-Chlordane

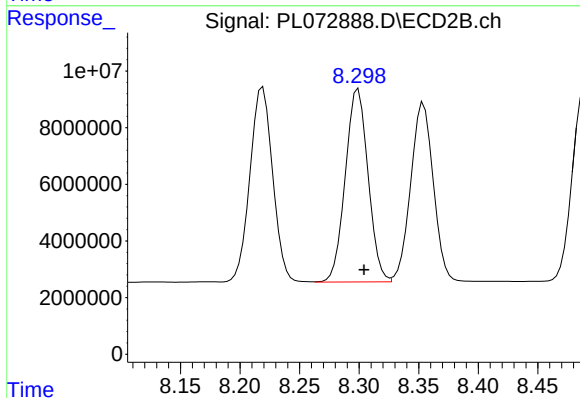
R.T.: 8.219 min  
Delta R.T.: -0.005 min  
Response: 91920109  
Conc: 47.52 ng/ml



#11 alpha-Chlordane

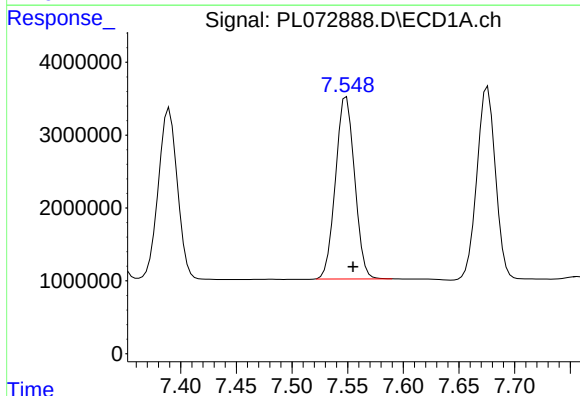
R.T.: 7.334 min  
Delta R.T.: -0.006 min  
Response: 30423440  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



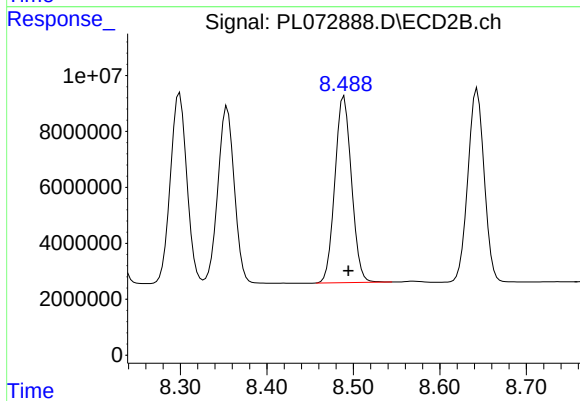
#11 alpha-Chlordane

R.T.: 8.299 min  
Delta R.T.: -0.005 min  
Response: 90606346  
Conc: 47.69 ng/ml



#12 4,4'-DDE

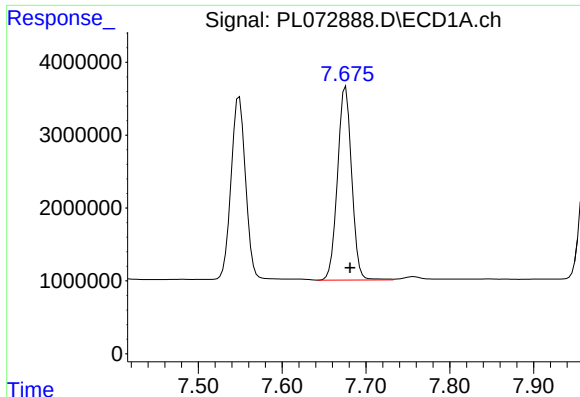
R.T.: 7.549 min  
Delta R.T.: -0.006 min  
Response: 29816483  
Conc: 49.06 ng/ml



#12 4,4'-DDE

R.T.: 8.489 min  
Delta R.T.: -0.005 min  
Response: 88328651  
Conc: 47.26 ng/ml

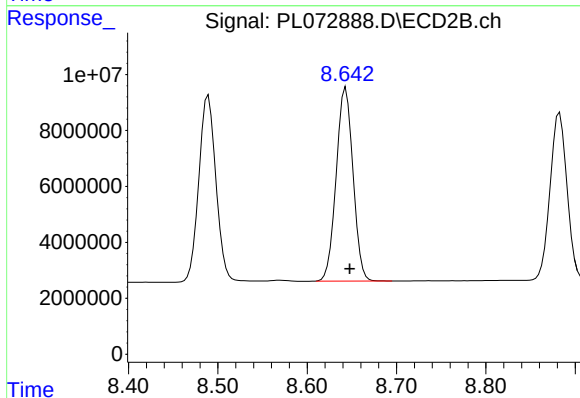




#13 Dieldrin

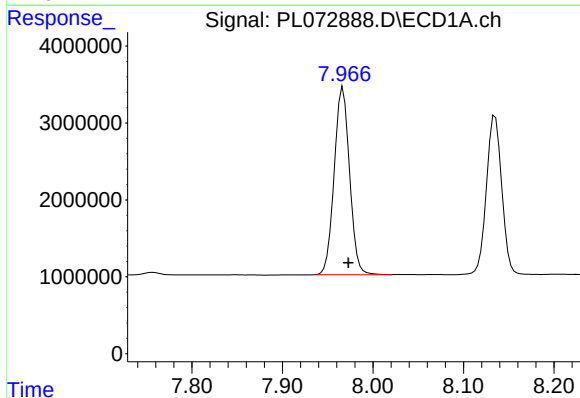
R.T.: 7.676 min  
Delta R.T.: -0.005 min  
Response: 31094593  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



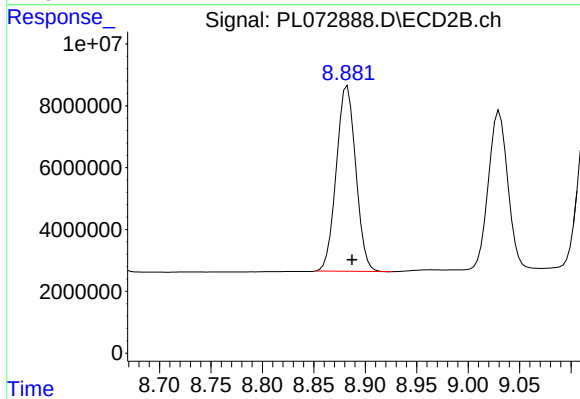
#13 Dieldrin

R.T.: 8.643 min  
Delta R.T.: -0.005 min  
Response: 90469108  
Conc: 48.54 ng/ml



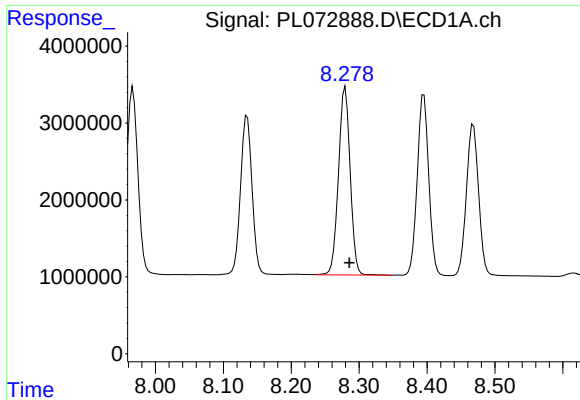
#14 Endrin

R.T.: 7.967 min  
Delta R.T.: -0.006 min  
Response: 28752231  
Conc: 49.08 ng/ml



#14 Endrin

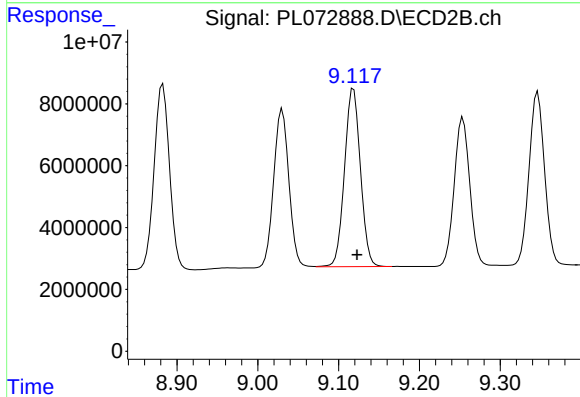
R.T.: 8.883 min  
Delta R.T.: -0.005 min  
Response: 78910262  
Conc: 50.08 ng/ml



#15 Endosulfan II

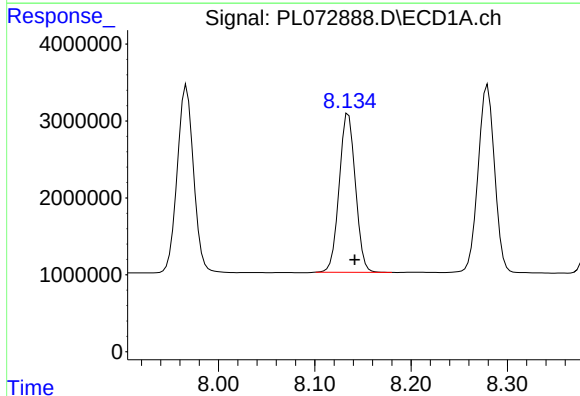
R.T.: 8.280 min  
Delta R.T.: -0.006 min  
Response: 29282779  
Conc: 48.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



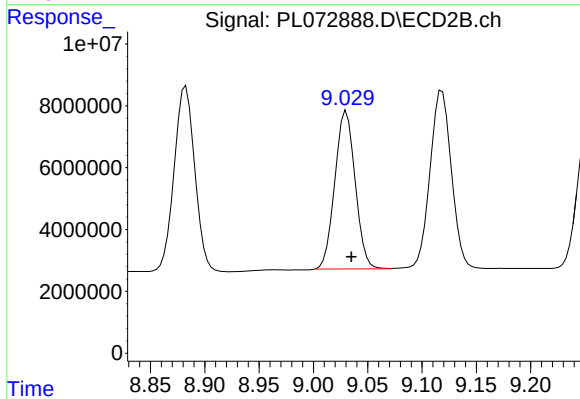
#15 Endosulfan II

R.T.: 9.118 min  
Delta R.T.: -0.005 min  
Response: 78967598  
Conc: 46.97 ng/ml



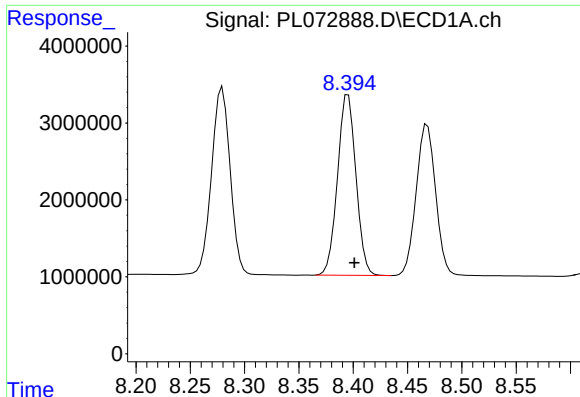
#16 4,4'-DDD

R.T.: 8.135 min  
Delta R.T.: -0.006 min  
Response: 24150339  
Conc: 50.20 ng/ml



#16 4,4'-DDD

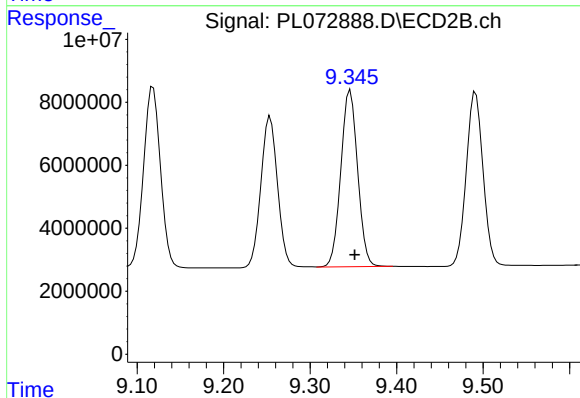
R.T.: 9.030 min  
Delta R.T.: -0.005 min  
Response: 66567301  
Conc: 48.11 ng/ml



#17 4,4'-DDT

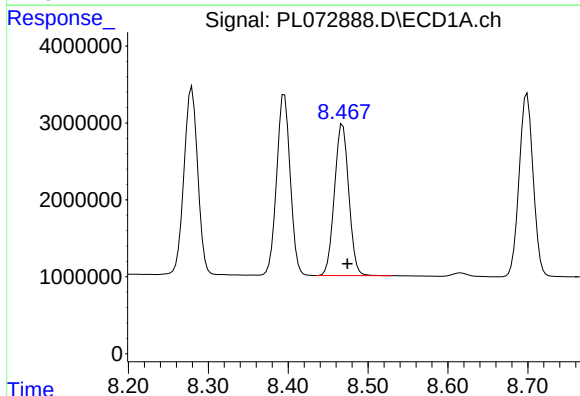
R.T.: 8.395 min  
Delta R.T.: -0.006 min  
Response: 27744127  
Conc: 51.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



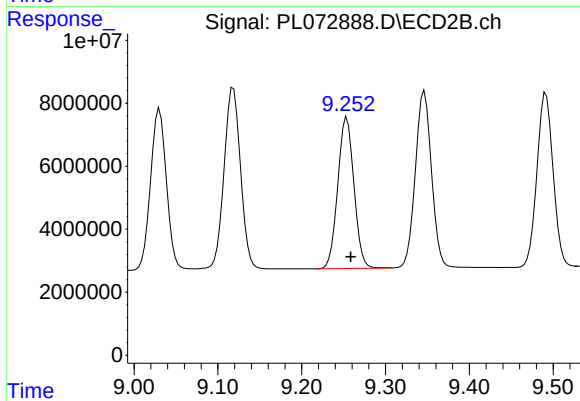
#17 4,4'-DDT

R.T.: 9.347 min  
Delta R.T.: -0.005 min  
Response: 75179722  
Conc: 49.11 ng/ml



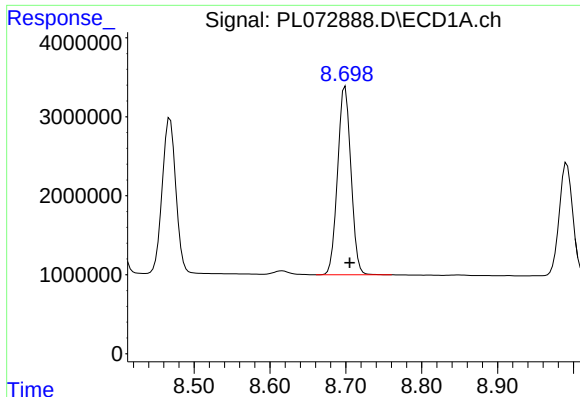
#18 Endrin aldehyde

R.T.: 8.468 min  
Delta R.T.: -0.006 min  
Response: 24562517  
Conc: 56.35 ng/ml



#18 Endrin aldehyde

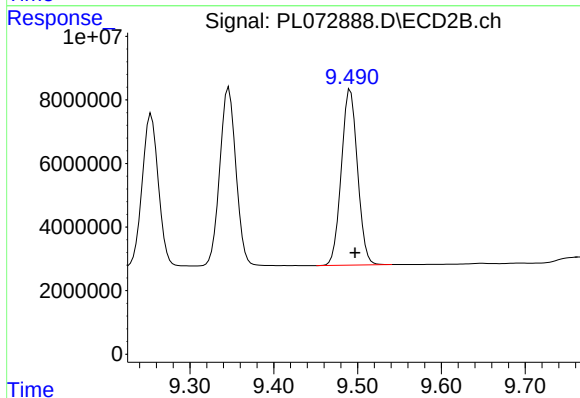
R.T.: 9.254 min  
Delta R.T.: -0.005 min  
Response: 64459923  
Conc: 57.27 ng/ml



#19 Endosulfan Sulfate

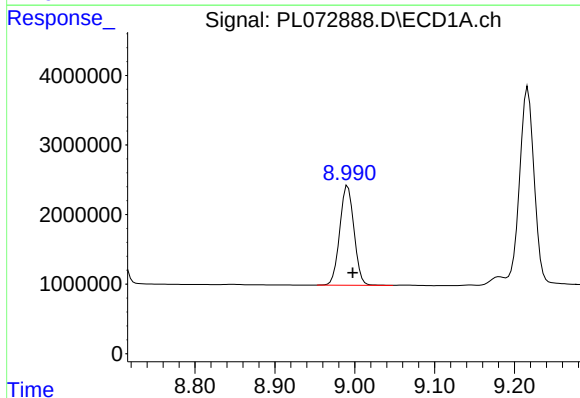
R.T.: 8.699 min  
Delta R.T.: -0.006 min  
Response: 29168952  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



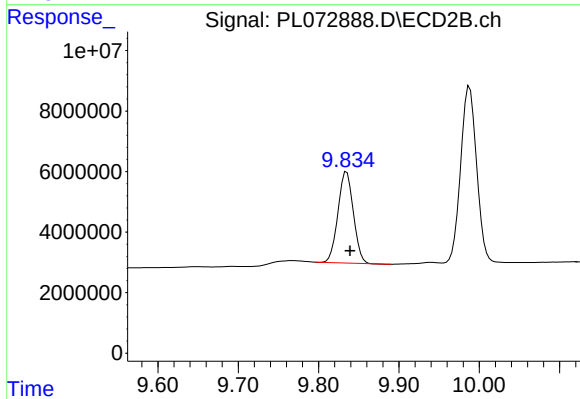
#19 Endosulfan Sulfate

R.T.: 9.491 min  
Delta R.T.: -0.006 min  
Response: 74300563  
Conc: 49.67 ng/ml



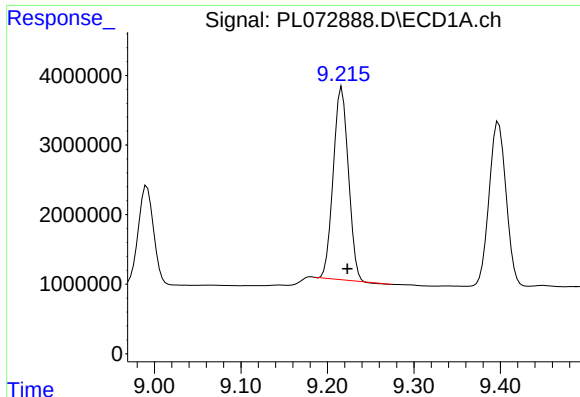
#20 Methoxychlor

R.T.: 8.991 min  
Delta R.T.: -0.006 min  
Response: 17726442  
Conc: 50.41 ng/ml



#20 Methoxychlor

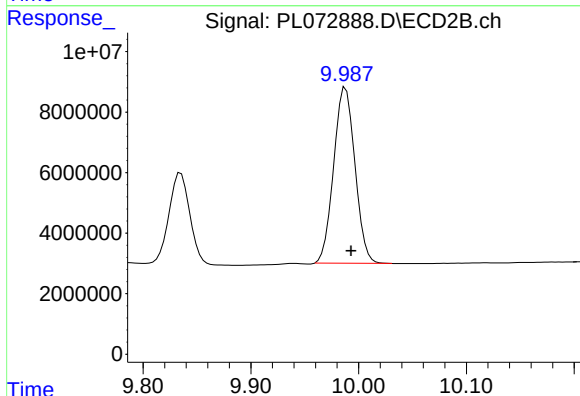
R.T.: 9.835 min  
Delta R.T.: -0.004 min  
Response: 40183326  
Conc: 49.63 ng/ml



#21 Endrin ketone

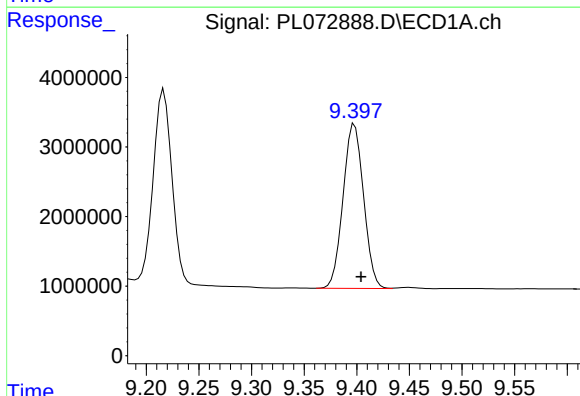
R.T.: 9.217 min  
Delta R.T.: -0.006 min  
Response: 33387266  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



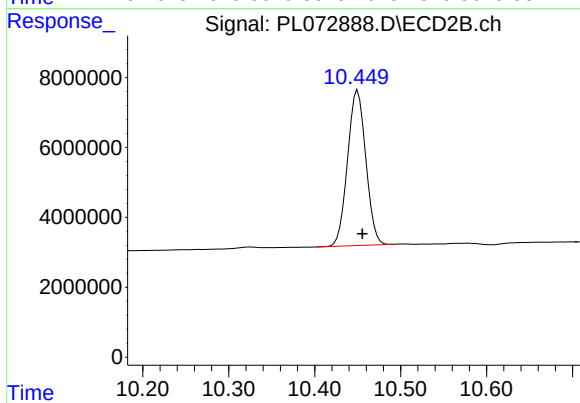
#21 Endrin ketone

R.T.: 9.988 min  
Delta R.T.: -0.005 min  
Response: 79715155  
Conc: 50.03 ng/ml



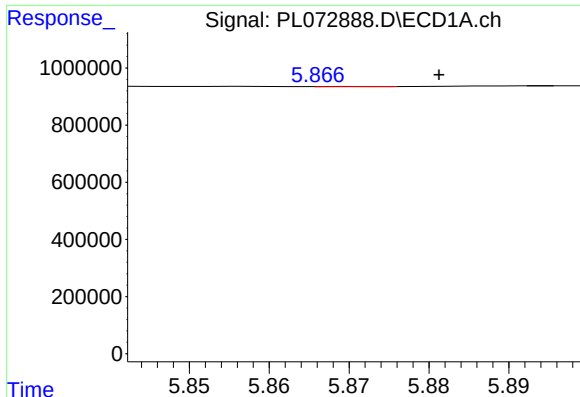
#22 Mirex

R.T.: 9.398 min  
Delta R.T.: -0.006 min  
Response: 32186591  
Conc: 54.25 ng/ml



#22 Mirex

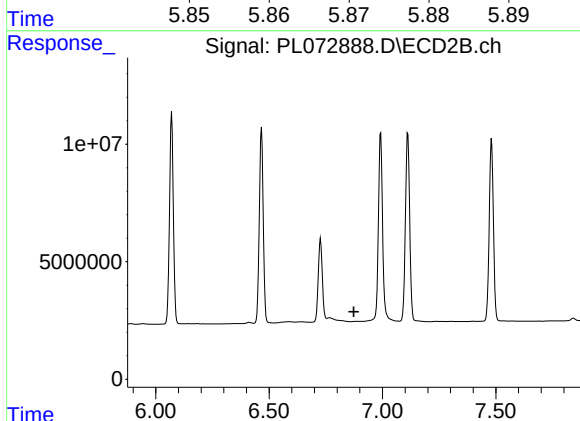
R.T.: 10.450 min  
Delta R.T.: -0.006 min  
Response: 65641515  
Conc: 55.92 ng/ml



#23 Chlordane-1

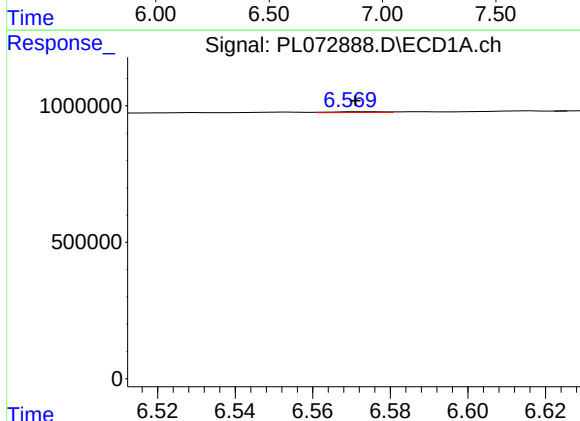
R.T.: 5.871 min  
Delta R.T.: -0.011 min  
Response: 2841  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



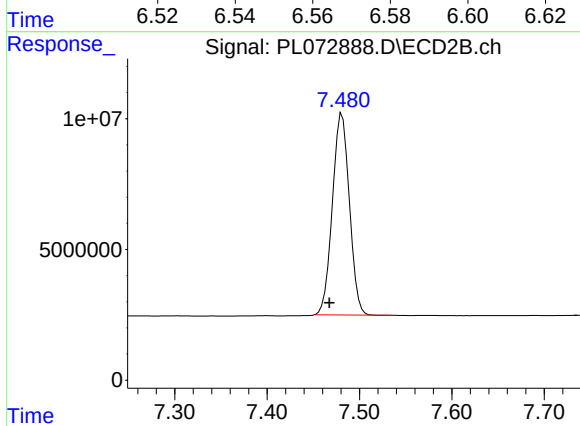
#23 Chlordane-1

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



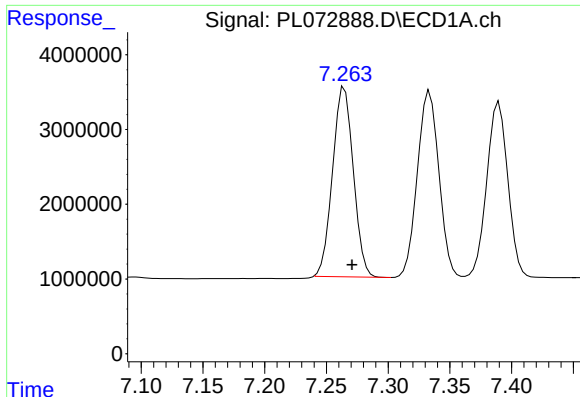
#24 Chlordane-2

R.T.: 6.573 min  
Delta R.T.: 0.002 min  
Response: 26802  
Conc: 1.06 ng/ml



#24 Chlordane-2

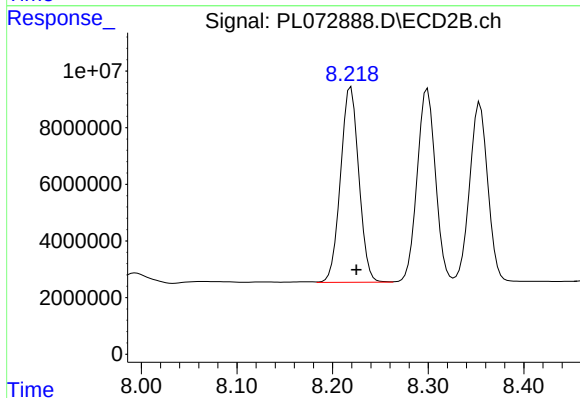
R.T.: 7.481 min  
Delta R.T.: 0.014 min  
Response: 98609146  
Conc: 1280.45 ng/ml



#25 Chlordane-3

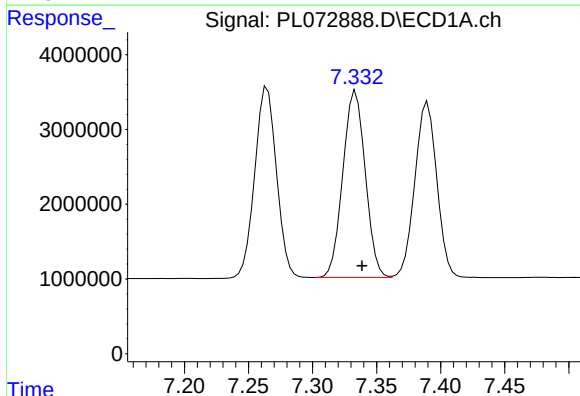
R.T.: 7.265 min  
Delta R.T.: -0.006 min  
Response: 29715813  
Conc: 440.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



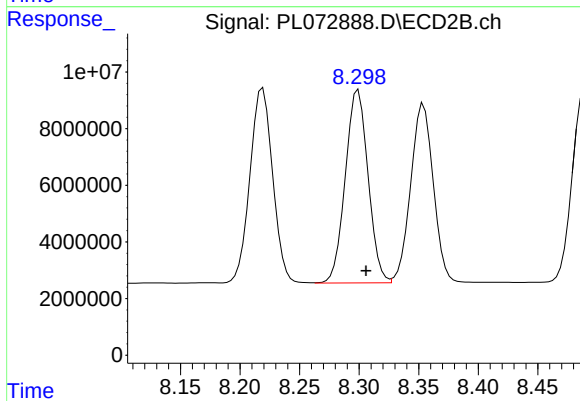
#25 Chlordane-3

R.T.: 8.219 min  
Delta R.T.: -0.006 min  
Response: 91920109  
Conc: 307.59 ng/ml



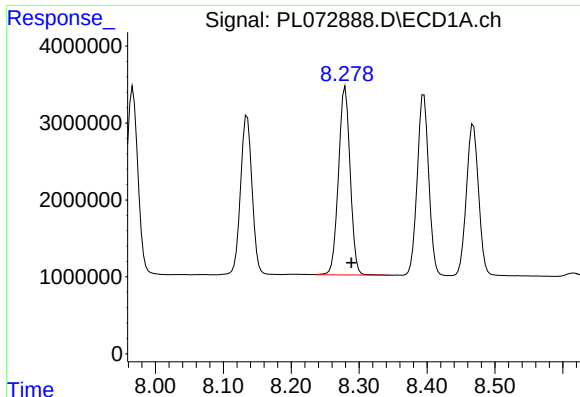
#26 Chlordane-4

R.T.: 7.334 min  
Delta R.T.: -0.005 min  
Response: 30423440  
Conc: 414.62 ng/ml



#26 Chlordane-4

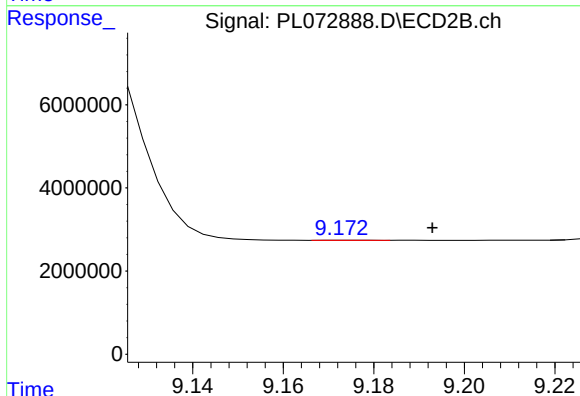
R.T.: 8.299 min  
Delta R.T.: -0.007 min  
Response: 90606346  
Conc: 253.94 ng/ml



#27 Chlordane-5

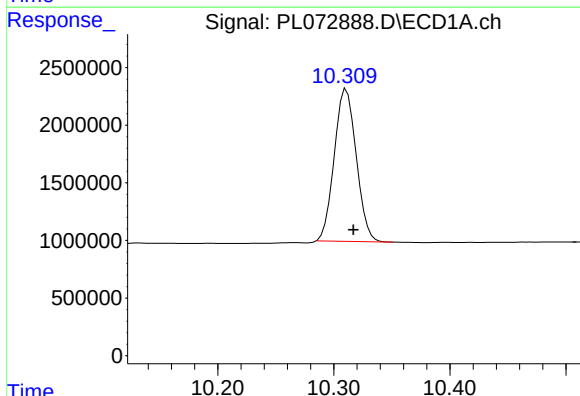
R.T.: 8.280 min  
Delta R.T.: -0.009 min  
Response: 29282779  
Conc: 1141.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



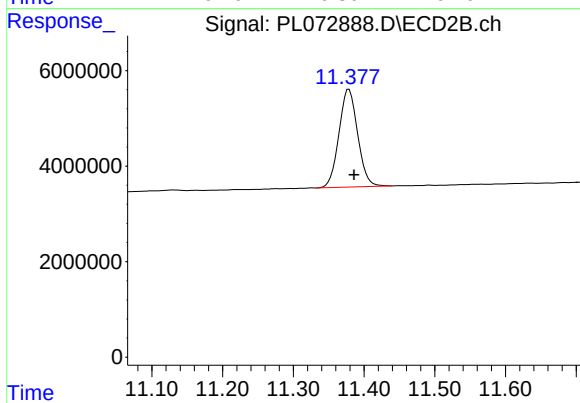
#27 Chlordane-5

R.T.: 9.174 min  
Delta R.T.: -0.019 min  
Response: 29171  
Conc: 0.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.311 min  
Delta R.T.: -0.006 min  
Response: 17408476  
Conc: 23.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.379 min  
Delta R.T.: -0.007 min  
Response: 37534045  
Conc: 23.67 ng/ml