

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070722\  
 Data File : PL076325.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2022 22:25  
 Operator : AR\AJ  
 Sample : PB146080BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 00:07:09 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 24 02:17:51 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... | 5.637  | 4.625  | 12370238 | 33615975 | 16.356  | 17.724    |
| 28)                         | SA Decachlor... | 11.623 | 10.359 | 11081636 | 28181840 | 17.610  | 18.349    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 6.220  | 5.325  | 9129446  | 26235165 | 9.242   | 10.733    |
| 3)                          | MA gamma-BHC... | 6.618  | 5.745  | 8825540  | 22731302 | 9.533   | 9.833     |
| 4)                          | MA Heptachlor   | 7.272  | 6.151  | 9389461  | 24050224 | 10.236  | 10.601    |
| 5)                          | MB Aldrin       | 7.645  | 6.474  | 7807922  | 21176004 | 9.406   | 10.257    |
| 6)                          | B beta-BHC      | 6.871  | 6.125  | 5172462  | 11417565 | 11.810  | 10.946    |
| 7)                          | B delta-BHC     | 7.140  | 6.384  | 8057589  | 22116348 | 10.320  | 9.791     |
| 8)                          | B Heptachlo...  | 8.113  | 7.048  | 8386473  | 20582038 | 10.533  | 10.729    |
| 9)                          | A Endosulfan I  | 8.520  | 7.449  | 7313018  | 19417945 | 10.116  | 11.059    |
| 10)                         | B gamma-Chl...  | 8.383  | 7.324  | 7686170  | 20911111 | 9.889   | 10.878    |
| 11)                         | B alpha-Chl...  | 8.464  | 7.393  | 7835279  | 21181329 | 10.090  | 11.067    |
| 12)                         | B 4,4'-DDE      | 8.650  | 7.605  | 6258866  | 17430744 | 9.260   | 10.269    |
| 13)                         | MA Dieldrin     | 8.811  | 7.734  | 7092879  | 19242618 | 9.661   | 10.693    |
| 14)                         | MA Endrin       | 9.052  | 8.024  | 5672558  | 15777392 | 9.098   | 10.382    |
| 15)                         | B Endosulfa...  | 9.286  | 8.334  | 6491308  | 15146813 | 10.231  | 10.021    |
| 16)                         | A 4,4'-DDD      | 9.192  | 8.189  | 5561725  | 14797427 | 9.809   | 10.669    |
| 17)                         | MA 4,4'-DDT     | 9.511  | 8.448  | 5722548  | 14225130 | 9.374   | 9.618     |
| 18)                         | B Endrin al...  | 9.420  | 8.522  | 4649254  | 11614715 | 9.001   | 9.729     |
| 19)                         | B Endosulfa...  | 9.658  | 8.752  | 6572369  | 16449810 | 10.252  | 10.722    |
| 20)                         | A Methoxychlor  | 9.996  | 9.040  | 3439689  | 8588338  | 10.028  | 10.085    |
| 21)                         | B Endrin ke...  | 10.160 | 9.269f | 7709903  | 18419222 | 10.697  | 11.149    |
| 22)                         | Mirex           | 10.632 | 9.454f | 6373213  | 14349287 | 11.849  | 10.723    |
| 24)                         | Chlordane-2     | 7.645f | 0.000  | 7807922  | 0        | 257.388 | N.D. #    |
| 25)                         | Chlordane-3     | 8.383  | 7.324  | 7686170  | 20911111 | 75.584  | 118.568 # |
| 26)                         | Chlordane-4     | 8.464  | 7.393  | 7835279  | 21181329 | 62.934  | 112.356 # |
| 27)                         | Chlordane-5     | 0.000  | 8.145f | 0        | 377830   | N.D.    | 8.258 #   |
| -----                       |                 |        |        |          |          |         |           |

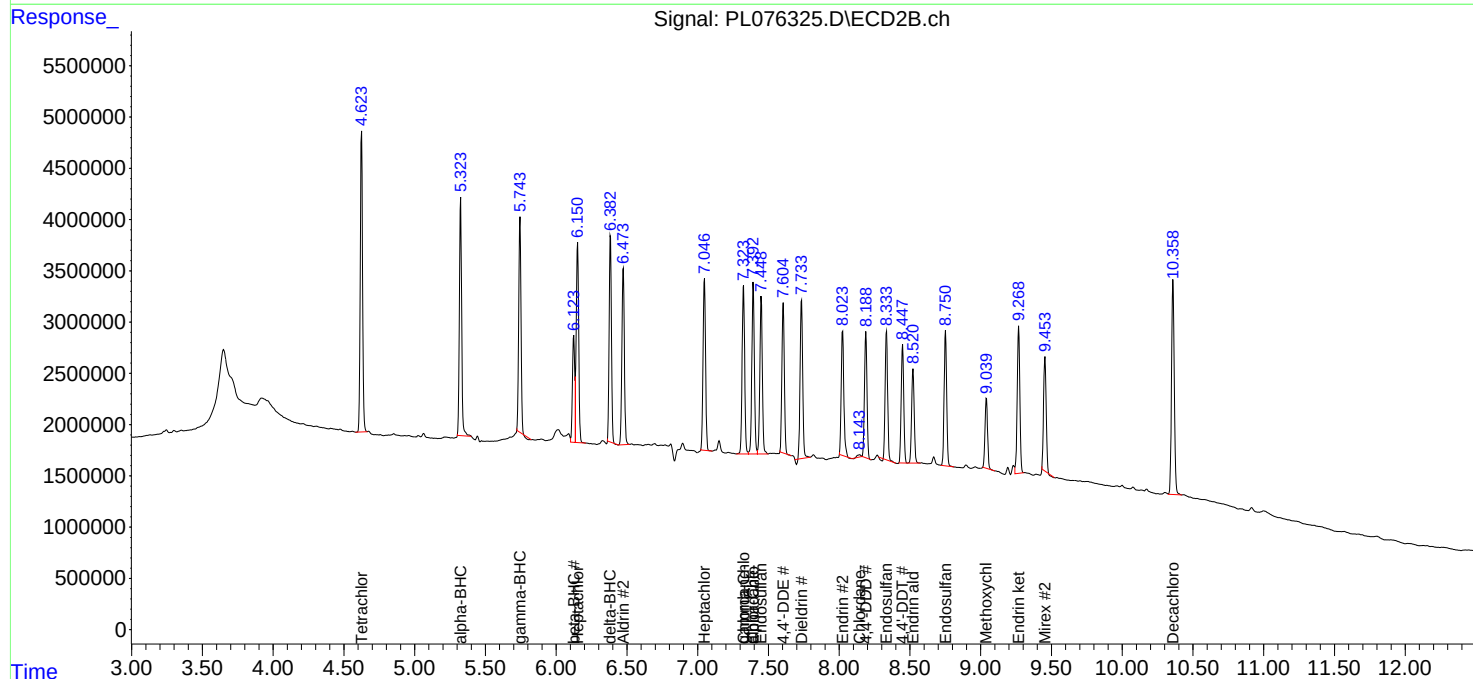
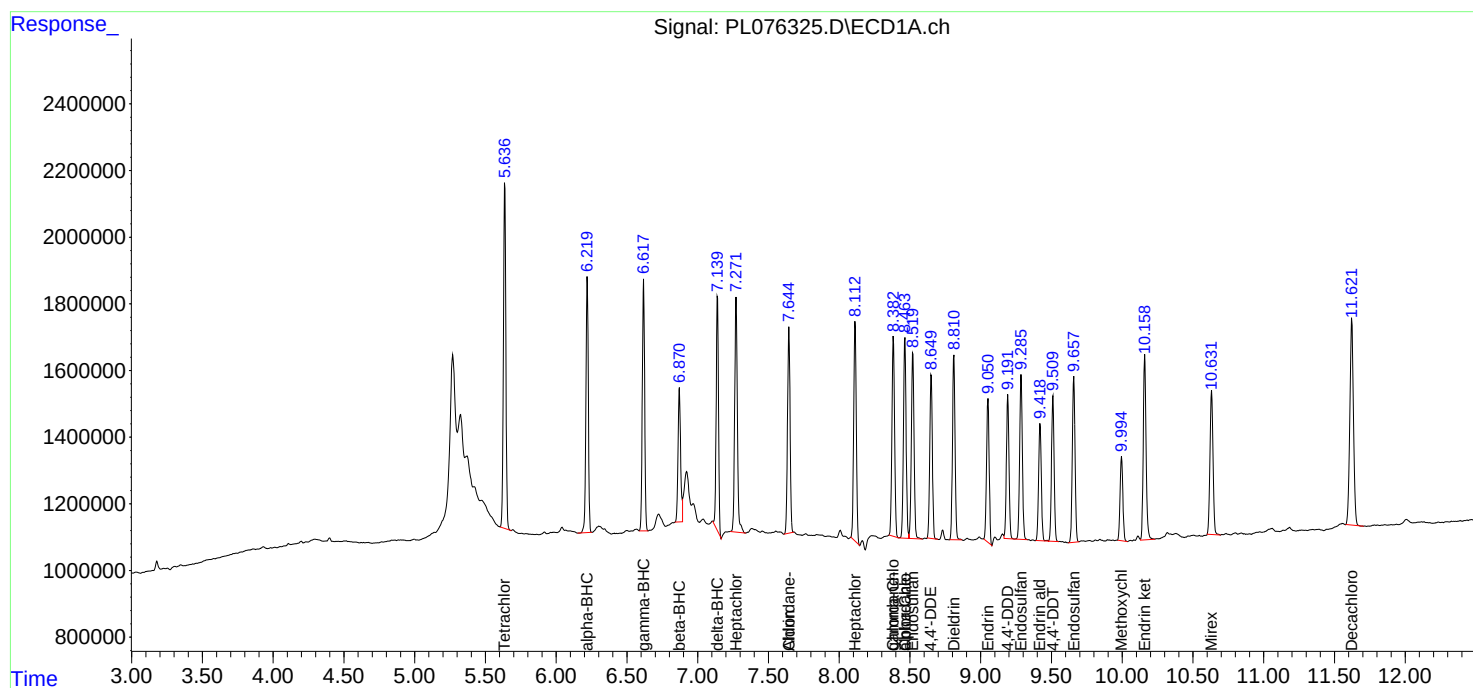
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

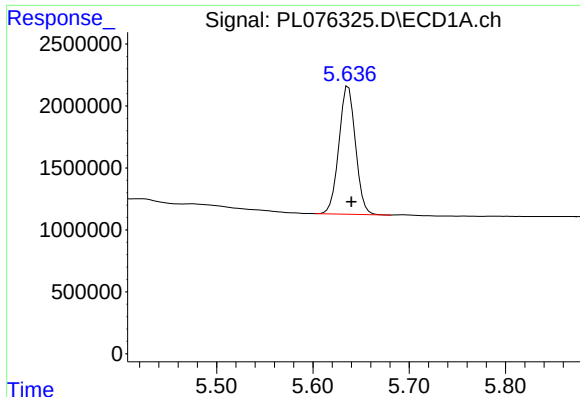
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070722\  
Data File : PL076325.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2022 22:25  
Operator : AR\AJ  
Sample : PB146080BS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 00:07:09 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 24 02:17:51 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

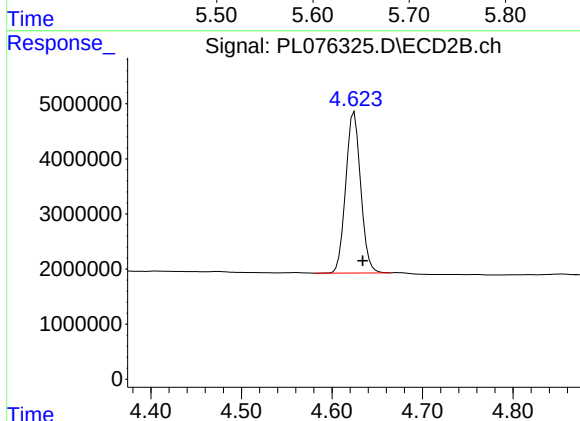




#1 Tetrachloro-m-xylene

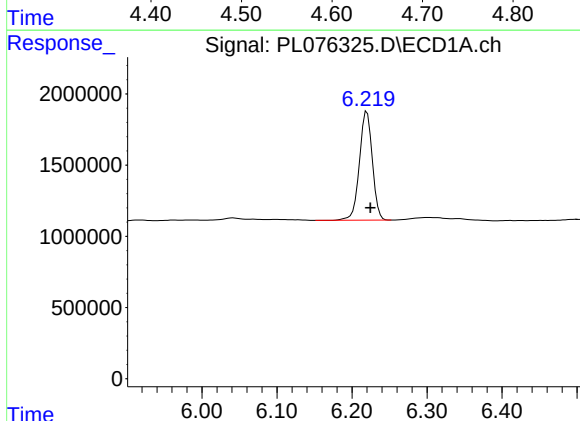
R.T.: 5.637 min  
Delta R.T.: -0.003 min  
Response: 12370238  
Conc: 16.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



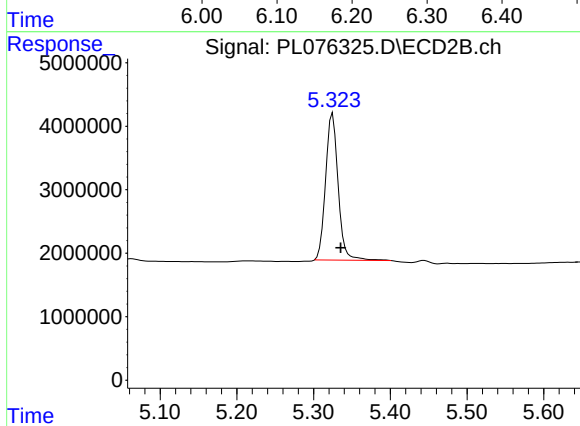
#1 Tetrachloro-m-xylene

R.T.: 4.625 min  
Delta R.T.: -0.009 min  
Response: 33615975  
Conc: 17.72 ng/ml



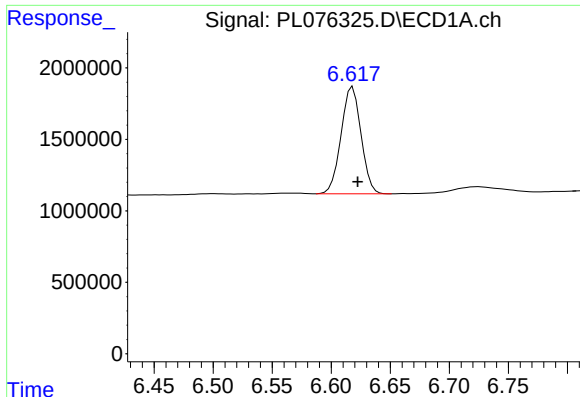
#2 alpha-BHC

R.T.: 6.220 min  
Delta R.T.: -0.005 min  
Response: 9129446  
Conc: 9.24 ng/ml



#2 alpha-BHC

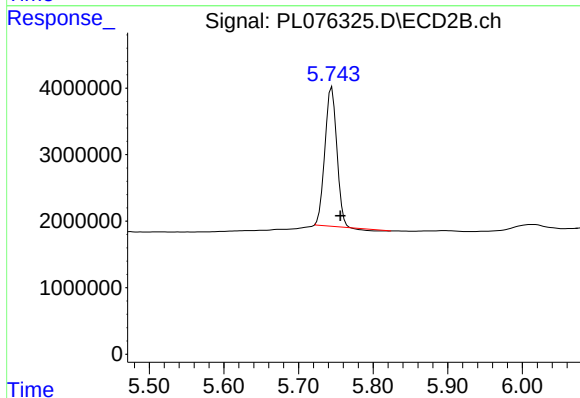
R.T.: 5.325 min  
Delta R.T.: -0.011 min  
Response: 26235165  
Conc: 10.73 ng/ml



#3 gamma-BHC (Lindane)

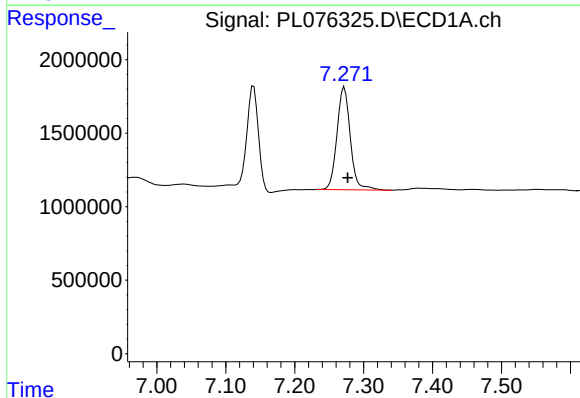
R.T.: 6.618 min  
Delta R.T.: -0.004 min  
Response: 8825540  
Conc: 9.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



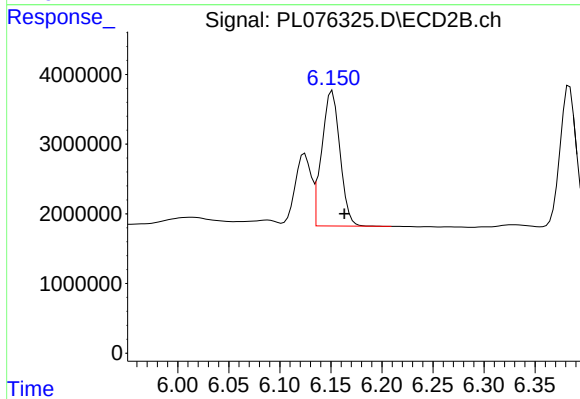
#3 gamma-BHC (Lindane)

R.T.: 5.745 min  
Delta R.T.: -0.011 min  
Response: 22731302  
Conc: 9.83 ng/ml



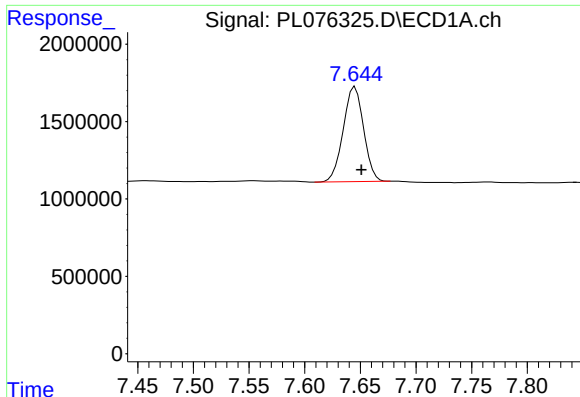
#4 Heptachlor

R.T.: 7.272 min  
Delta R.T.: -0.005 min  
Response: 9389461  
Conc: 10.24 ng/ml



#4 Heptachlor

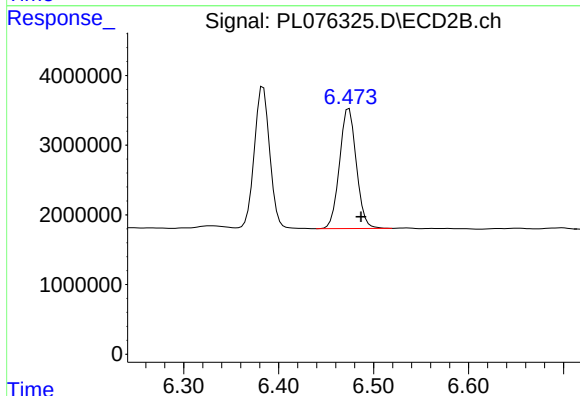
R.T.: 6.151 min  
Delta R.T.: -0.012 min  
Response: 24050224  
Conc: 10.60 ng/ml



#5 Aldrin

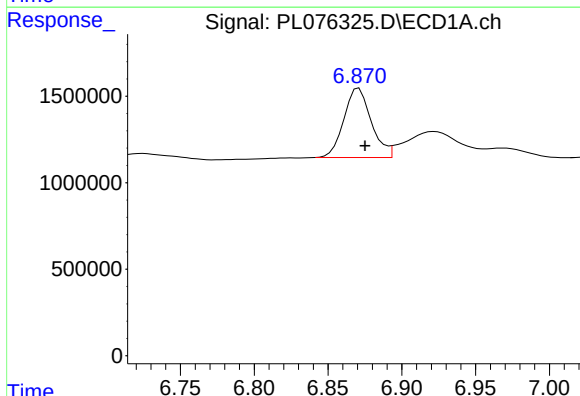
R.T.: 7.645 min  
Delta R.T.: -0.006 min  
Response: 7807922  
Conc: 9.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



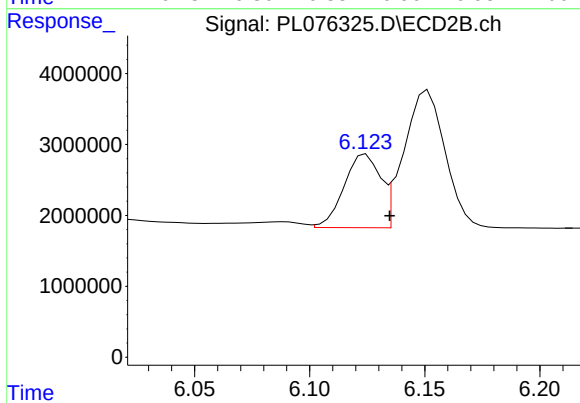
#5 Aldrin

R.T.: 6.474 min  
Delta R.T.: -0.013 min  
Response: 21176004  
Conc: 10.26 ng/ml



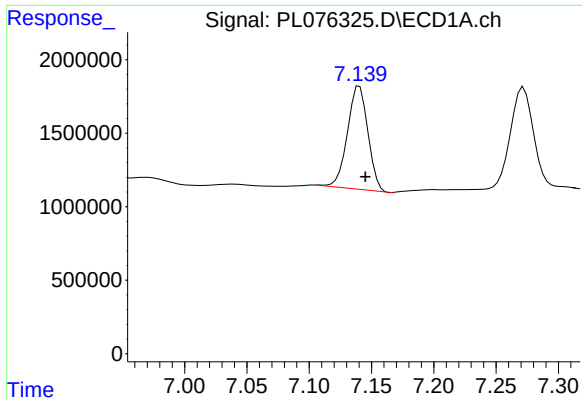
#6 beta-BHC

R.T.: 6.871 min  
Delta R.T.: -0.004 min  
Response: 5172462  
Conc: 11.81 ng/ml



#6 beta-BHC

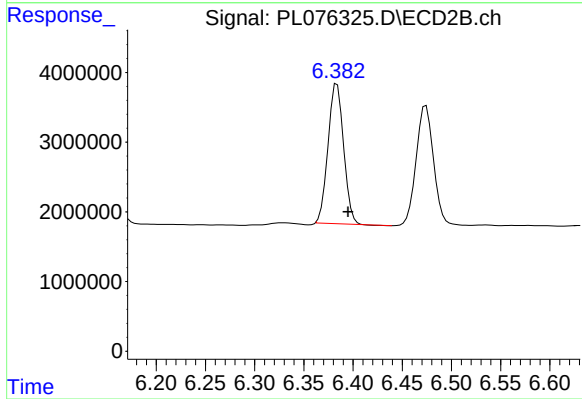
R.T.: 6.125 min  
Delta R.T.: -0.010 min  
Response: 11417565  
Conc: 10.95 ng/ml



#7 delta-BHC

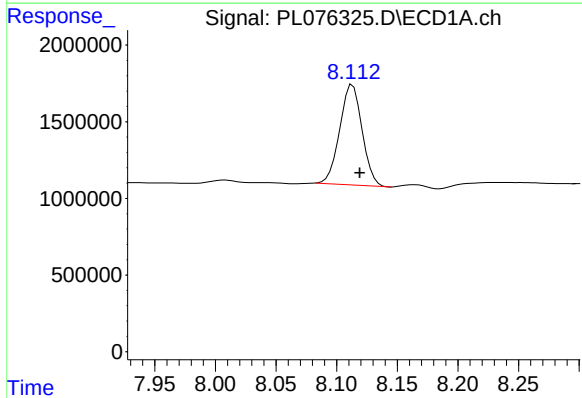
R.T.: 7.140 min  
Delta R.T.: -0.005 min  
Response: 8057589  
Conc: 10.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



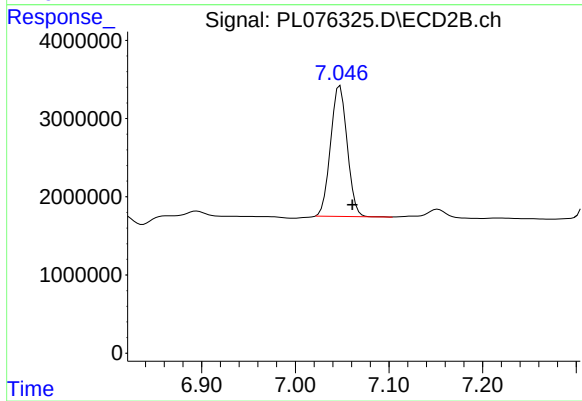
#7 delta-BHC

R.T.: 6.384 min  
Delta R.T.: -0.011 min  
Response: 22116348  
Conc: 9.79 ng/ml



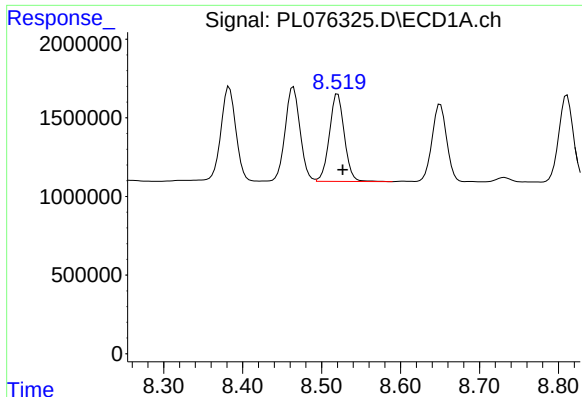
#8 Heptachlor epoxide

R.T.: 8.113 min  
Delta R.T.: -0.006 min  
Response: 8386473  
Conc: 10.53 ng/ml



#8 Heptachlor epoxide

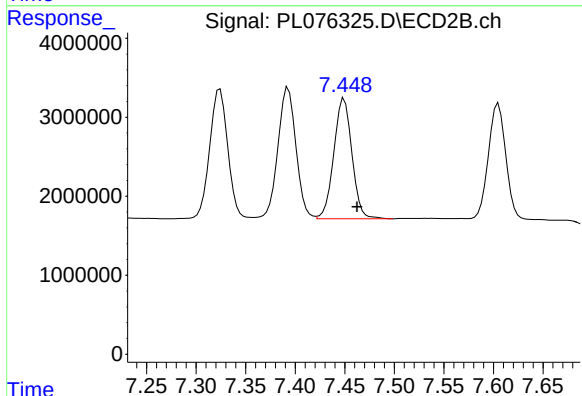
R.T.: 7.048 min  
Delta R.T.: -0.013 min  
Response: 20582038  
Conc: 10.73 ng/ml



#9 Endosulfan I

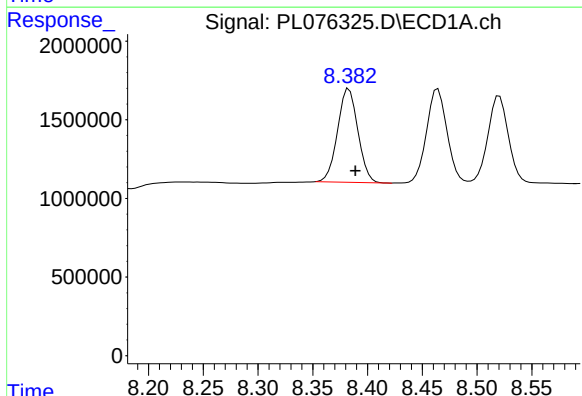
R.T.: 8.520 min  
Delta R.T.: -0.006 min  
Response: 7313018  
Conc: 10.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



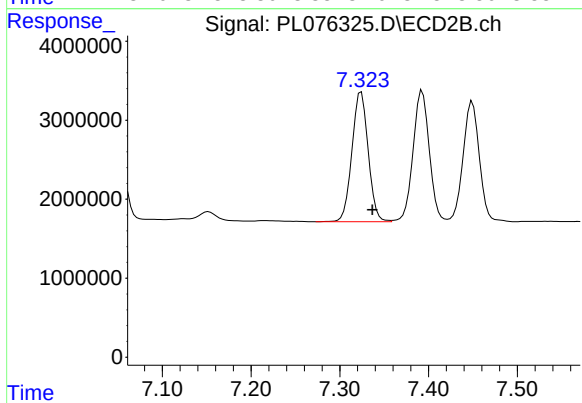
#9 Endosulfan I

R.T.: 7.449 min  
Delta R.T.: -0.013 min  
Response: 19417945  
Conc: 11.06 ng/ml



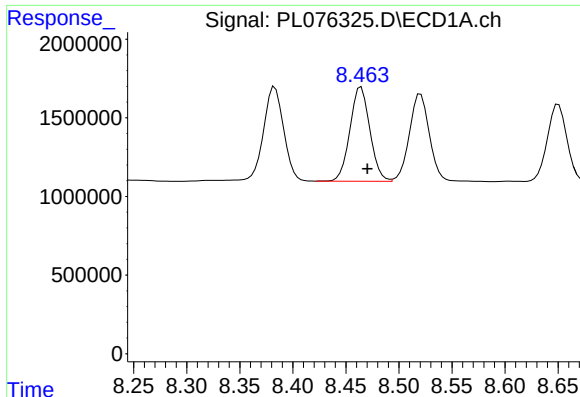
#10 gamma-Chlordane

R.T.: 8.383 min  
Delta R.T.: -0.006 min  
Response: 7686170  
Conc: 9.89 ng/ml



#10 gamma-Chlordane

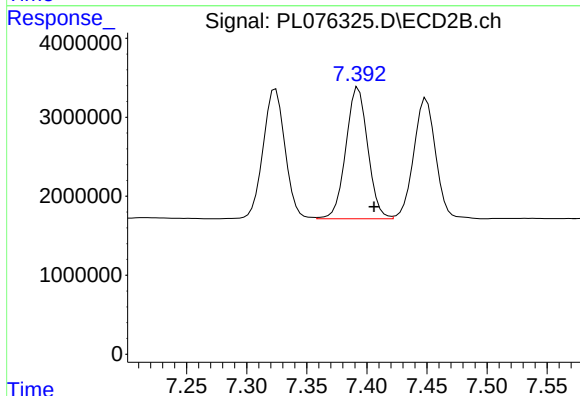
R.T.: 7.324 min  
Delta R.T.: -0.013 min  
Response: 20911111  
Conc: 10.88 ng/ml



#11 alpha-Chlordane

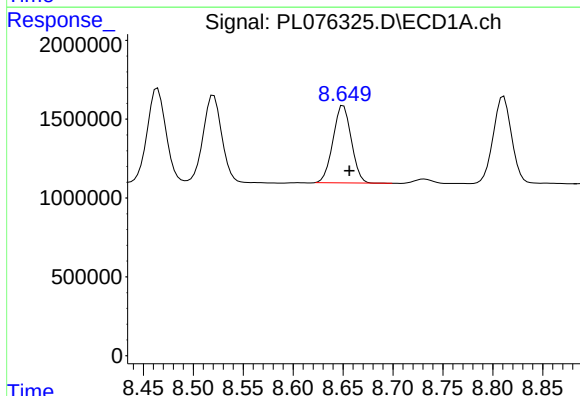
R.T.: 8.464 min  
Delta R.T.: -0.006 min  
Response: 7835279  
Conc: 10.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



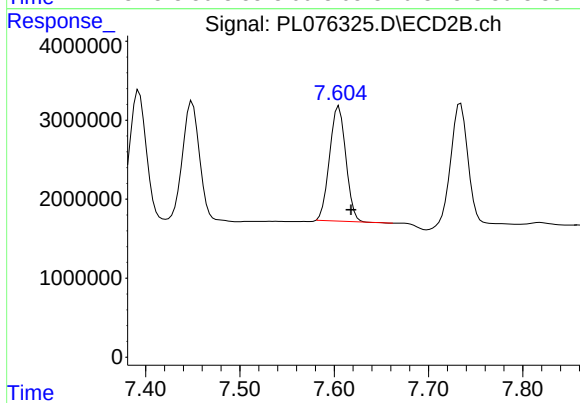
#11 alpha-Chlordane

R.T.: 7.393 min  
Delta R.T.: -0.013 min  
Response: 21181329  
Conc: 11.07 ng/ml



#12 4,4'-DDE

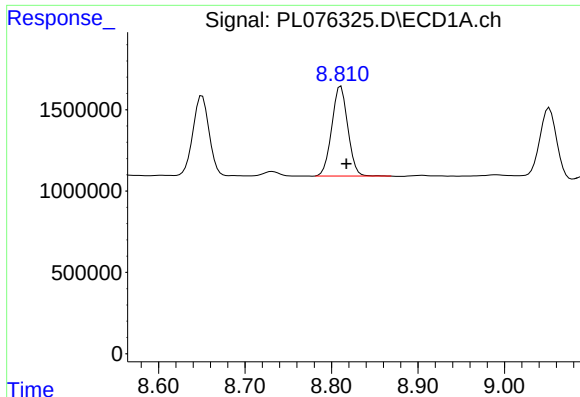
R.T.: 8.650 min  
Delta R.T.: -0.006 min  
Response: 6258866  
Conc: 9.26 ng/ml



#12 4,4'-DDE

R.T.: 7.605 min  
Delta R.T.: -0.013 min  
Response: 17430744  
Conc: 10.27 ng/ml

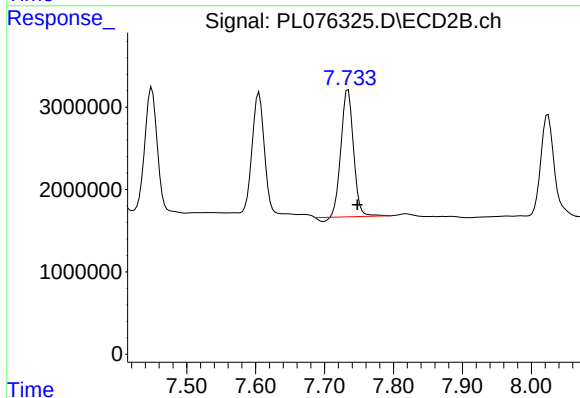




#13 Dieldrin

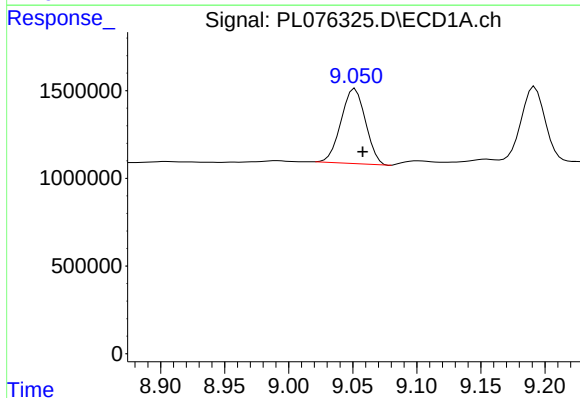
R.T.: 8.811 min  
Delta R.T.: -0.006 min  
Response: 7092879  
Conc: 9.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



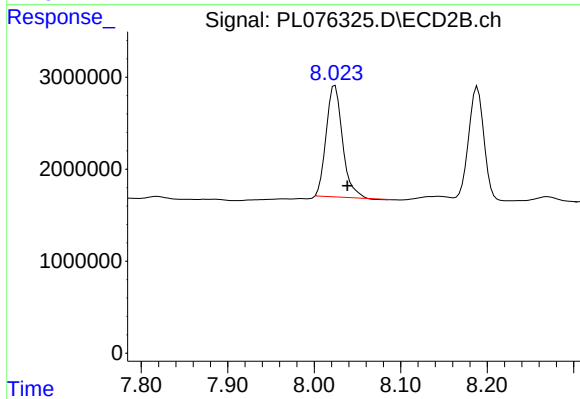
#13 Dieldrin

R.T.: 7.734 min  
Delta R.T.: -0.014 min  
Response: 19242618  
Conc: 10.69 ng/ml



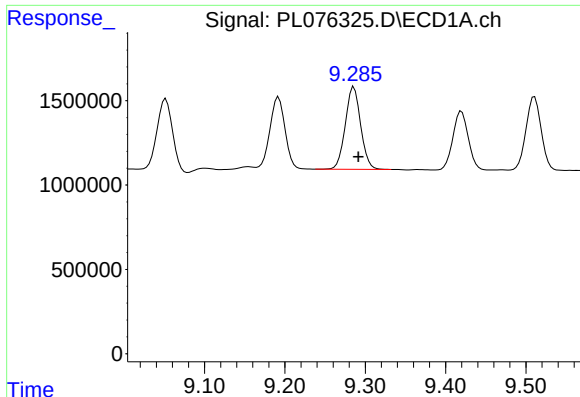
#14 Endrin

R.T.: 9.052 min  
Delta R.T.: -0.006 min  
Response: 5672558  
Conc: 9.10 ng/ml



#14 Endrin

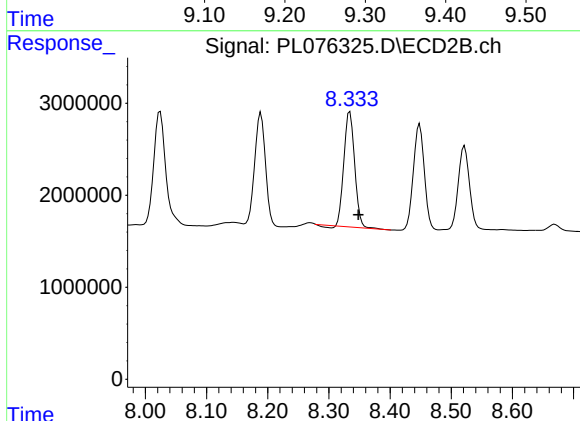
R.T.: 8.024 min  
Delta R.T.: -0.014 min  
Response: 15777392  
Conc: 10.38 ng/ml



#15 Endosulfan II

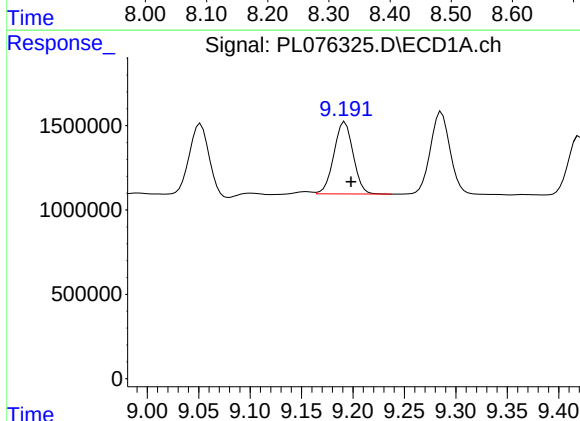
R.T.: 9.286 min  
Delta R.T.: -0.006 min  
Response: 6491308  
Conc: 10.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



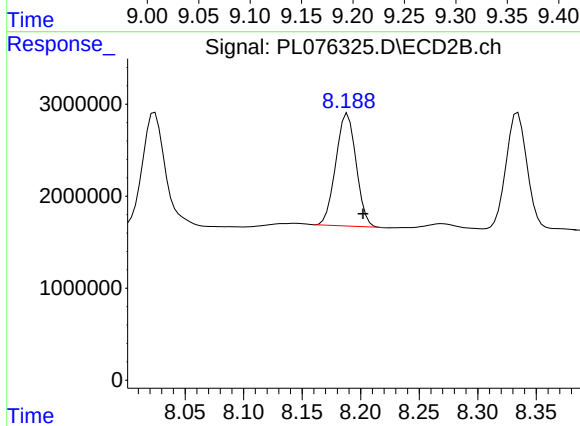
#15 Endosulfan II

R.T.: 8.334 min  
Delta R.T.: -0.014 min  
Response: 15146813  
Conc: 10.02 ng/ml



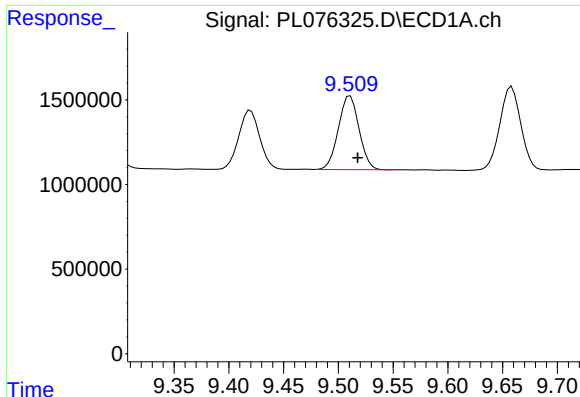
#16 4,4'-DDD

R.T.: 9.192 min  
Delta R.T.: -0.006 min  
Response: 5561725  
Conc: 9.81 ng/ml



#16 4,4'-DDD

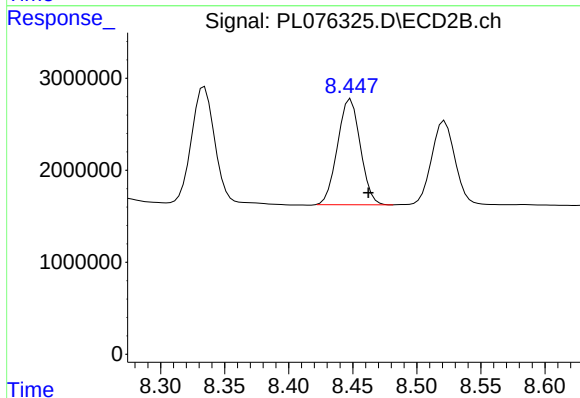
R.T.: 8.189 min  
Delta R.T.: -0.013 min  
Response: 14797427  
Conc: 10.67 ng/ml



#17 4,4'-DDT

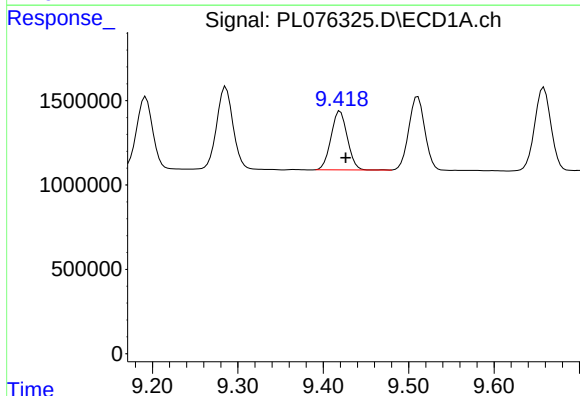
R.T.: 9.511 min  
Delta R.T.: -0.007 min  
Response: 5722548  
Conc: 9.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



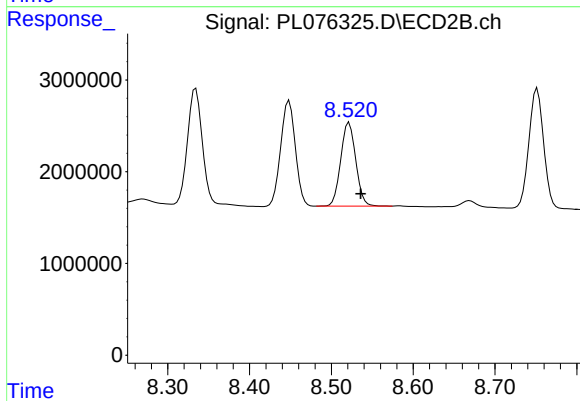
#17 4,4'-DDT

R.T.: 8.448 min  
Delta R.T.: -0.014 min  
Response: 14225130  
Conc: 9.62 ng/ml



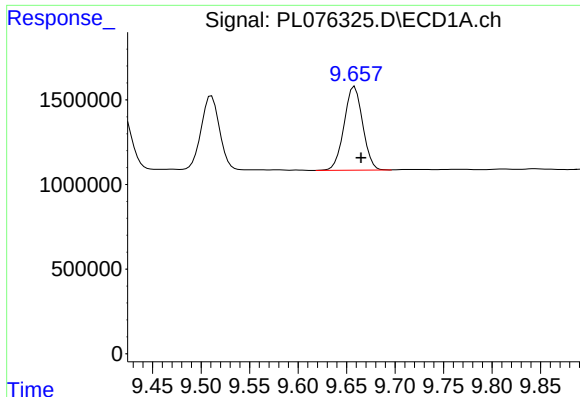
#18 Endrin aldehyde

R.T.: 9.420 min  
Delta R.T.: -0.007 min  
Response: 4649254  
Conc: 9.00 ng/ml



#18 Endrin aldehyde

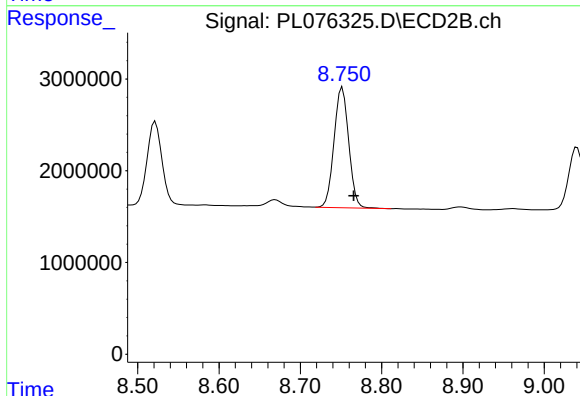
R.T.: 8.522 min  
Delta R.T.: -0.014 min  
Response: 11614715  
Conc: 9.73 ng/ml



#19 Endosulfan Sulfate

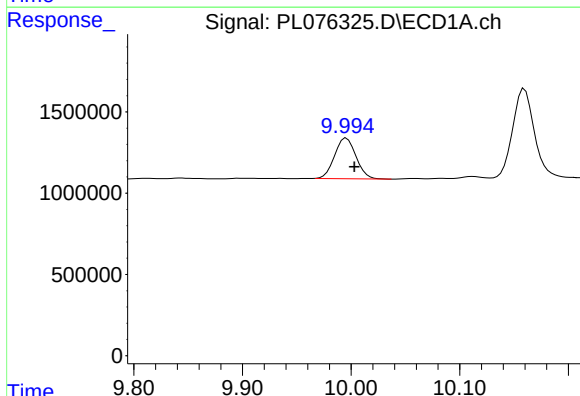
R.T.: 9.658 min  
Delta R.T.: -0.007 min  
Response: 6572369  
Conc: 10.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



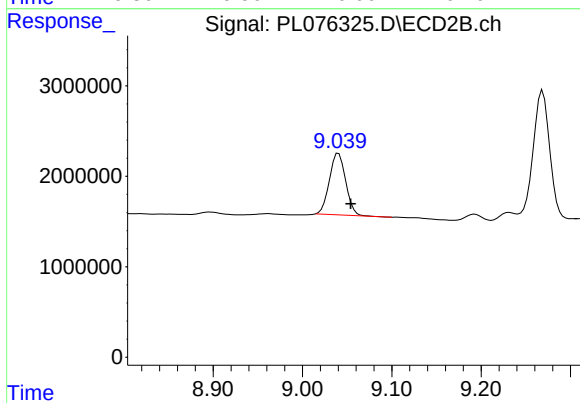
#19 Endosulfan Sulfate

R.T.: 8.752 min  
Delta R.T.: -0.014 min  
Response: 16449810  
Conc: 10.72 ng/ml



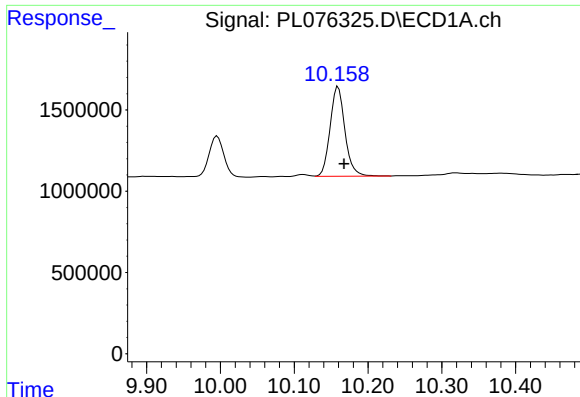
#20 Methoxychlor

R.T.: 9.996 min  
Delta R.T.: -0.008 min  
Response: 3439689  
Conc: 10.03 ng/ml



#20 Methoxychlor

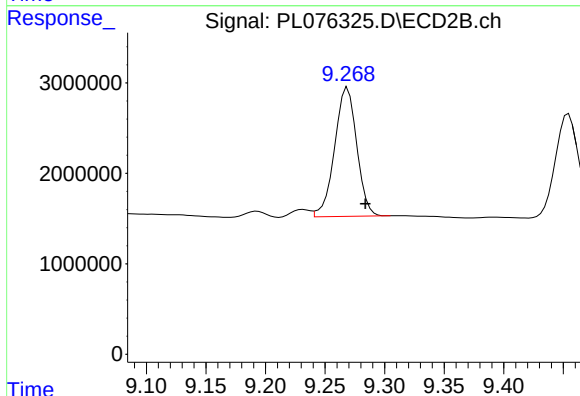
R.T.: 9.040 min  
Delta R.T.: -0.014 min  
Response: 8588338  
Conc: 10.09 ng/ml



#21 Endrin ketone

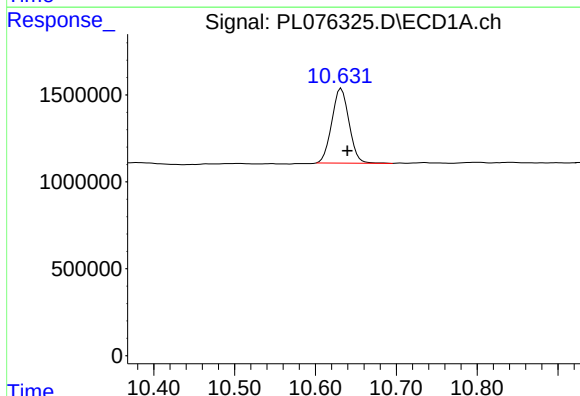
R.T.: 10.160 min  
Delta R.T.: -0.008 min  
Response: 7709903  
Conc: 10.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



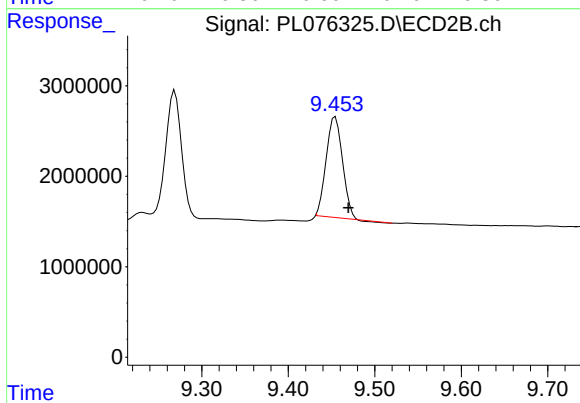
#21 Endrin ketone

R.T.: 9.269 min  
Delta R.T.: -0.015 min  
Response: 18419222  
Conc: 11.15 ng/ml



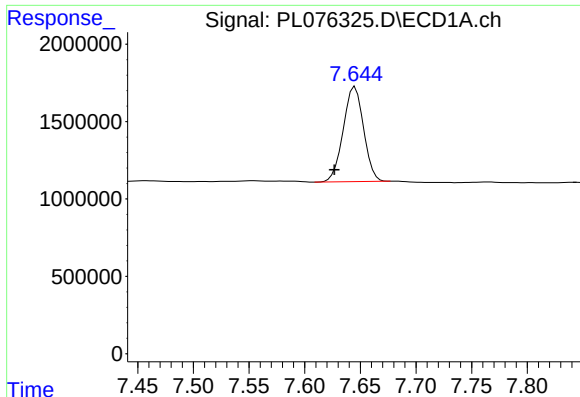
#22 Mirex

R.T.: 10.632 min  
Delta R.T.: -0.008 min  
Response: 6373213  
Conc: 11.85 ng/ml



#22 Mirex

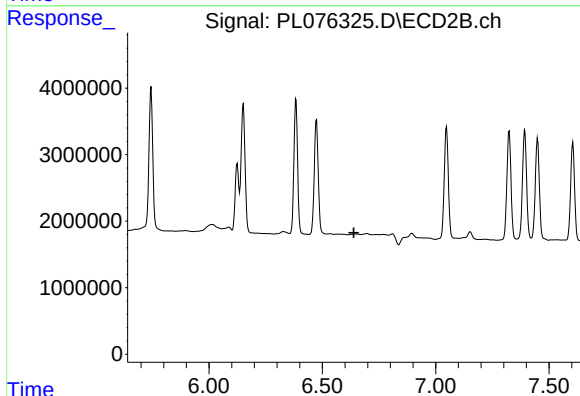
R.T.: 9.454 min  
Delta R.T.: -0.015 min  
Response: 14349287  
Conc: 10.72 ng/ml



#24 Chlordane-2

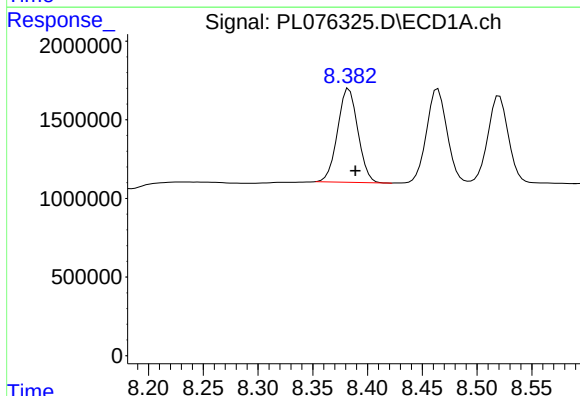
R.T.: 7.645 min  
Delta R.T.: 0.019 min  
Response: 7807922  
Conc: 257.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



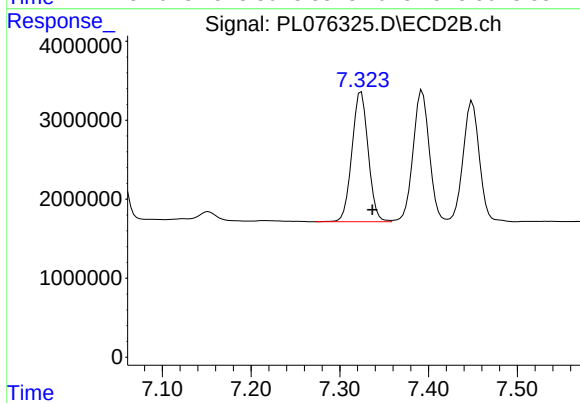
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 6.639 min  
Response: 0  
Conc: N.D.



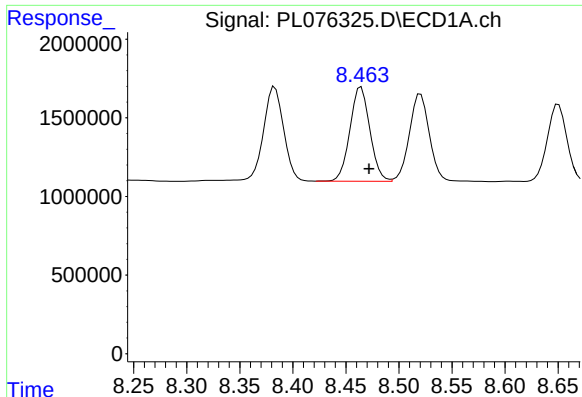
#25 Chlordane-3

R.T.: 8.383 min  
Delta R.T.: -0.006 min  
Response: 7686170  
Conc: 75.58 ng/ml



#25 Chlordane-3

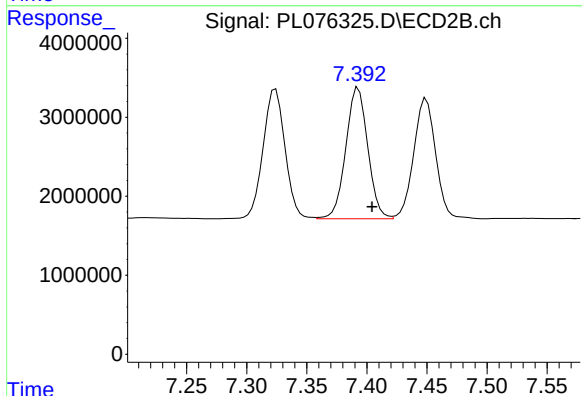
R.T.: 7.324 min  
Delta R.T.: -0.012 min  
Response: 20911111  
Conc: 118.57 ng/ml



#26 Chlordane-4

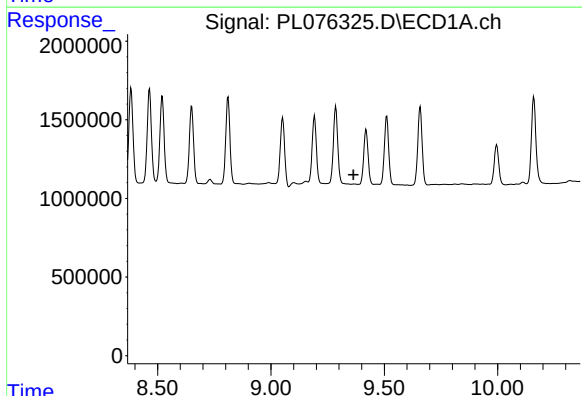
R.T.: 8.464 min  
Delta R.T.: -0.007 min  
Response: 7835279  
Conc: 62.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



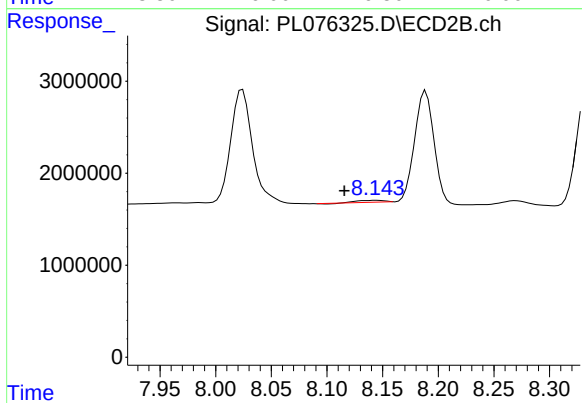
#26 Chlordane-4

R.T.: 7.393 min  
Delta R.T.: -0.011 min  
Response: 21181329  
Conc: 112.36 ng/ml



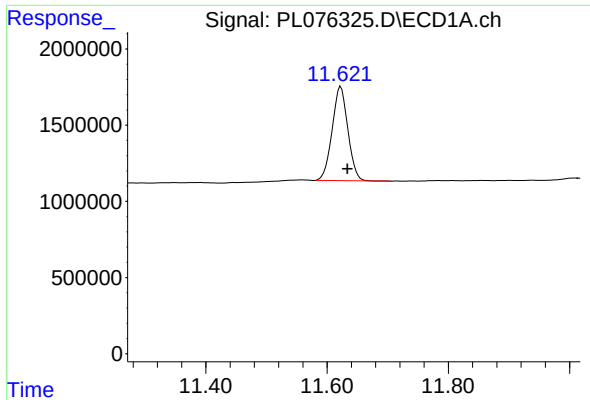
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.365 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

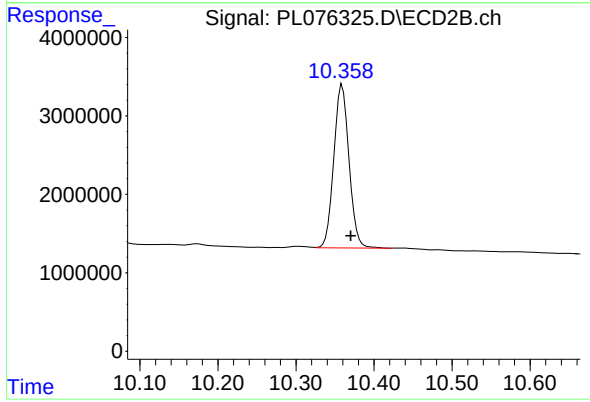
R.T.: 8.145 min  
Delta R.T.: 0.029 min  
Response: 377830  
Conc: 8.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.623 min  
Delta R.T.: -0.011 min  
Response: 11081636  
Conc: 17.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 10.359 min  
Delta R.T.: -0.011 min  
Response: 28181840  
Conc: 18.35 ng/ml