

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053122\  
 Data File : PL075302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2022 20:54  
 Operator : AR\AJ  
 Sample : PB145038BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 01 07:44:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 31 02:52:42 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... | 5.640  | 4.640  | 12500972 | 32851707 | 21.270  | 20.738    |
| 28)                         | SA Decachlor... | 11.639 | 10.387 | 12468813 | 29733036 | 23.255  | 21.667    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 6.225  | 5.342  | 50207218 | 130.3E6  | 60.837  | 60.193    |
| 3)                          | MA gamma-BHC... | 6.623  | 5.762  | 47127607 | 121.8E6  | 60.214  | 57.998    |
| 4)                          | MA Heptachlor   | 7.278  | 6.171  | 46944863 | 116.5E6  | 58.614  | 57.152    |
| 5)                          | MB Aldrin       | 7.653  | 6.495  | 45907866 | 115.3E6  | 62.955  | 59.763    |
| 6)                          | B beta-BHC      | 6.874  | 6.140  | 20762325 | 50751629 | 55.767  | 52.289    |
| 7)                          | B delta-BHC     | 7.145  | 6.401  | 44570696 | 116.8E6  | 58.043  | 54.452    |
| 8)                          | B Heptachlo...  | 8.120  | 7.069  | 41780987 | 104.1E6  | 61.199  | 56.945    |
| 9)                          | A Endosulfan I  | 8.529  | 7.472  | 37462300 | 95173293 | 59.647  | 56.320    |
| 10)                         | B gamma-Chl...  | 8.392  | 7.345  | 41268146 | 106.0E6  | 61.190  | 57.616    |
| 11)                         | B alpha-Chl...  | 8.473  | 7.415  | 41194265 | 104.5E6  | 60.797  | 57.192    |
| 12)                         | B 4,4'-DDE      | 8.659  | 7.627  | 36609851 | 93962434 | 62.931  | 57.692    |
| 13)                         | MA Dieldrin     | 8.821  | 7.757  | 40595140 | 103.9E6  | 64.060  | 59.891    |
| 14)                         | MA Endrin       | 9.061  | 8.047  | 32634508 | 86851113 | 61.455  | 55.792    |
| 15)                         | B Endosulfa...  | 9.294  | 8.357  | 35106939 | 87883767 | 62.198  | 55.822    |
| 16)                         | A 4,4'-DDD      | 9.201  | 8.211  | 30840815 | 79579366 | 62.359  | 59.534    |
| 17)                         | MA 4,4'-DDT     | 9.520  | 8.472  | 31696136 | 78278916 | 54.417  | 54.735    |
| 18)                         | B Endrin al...  | 9.430  | 8.545  | 29727278 | 71282875 | 67.642  | 59.129    |
| 19)                         | B Endosulfa...  | 9.668  | 8.775  | 33500391 | 83574953 | 60.225  | 55.837    |
| 20)                         | A Methoxychlor  | 10.006 | 9.064  | 18246992 | 44124874 | 59.575  | 54.338    |
| 21)                         | B Endrin ke...  | 10.169 | 9.293  | 38051661 | 93408894 | 61.978  | 58.411    |
| 22)                         | Mirex           | 10.643 | 9.481  | 27995631 | 68529973 | 57.753  | 53.892    |
| 24)                         | Chlordane-2     | 7.616  | 0.000  | 369389   | 0        | 12.615  | N.D. #    |
| 25)                         | Chlordane-3     | 8.392  | 7.345  | 41268146 | 106.0E6  | 420.383 | 580.999 # |
| 26)                         | Chlordane-4     | 8.473  | 7.415  | 41194265 | 104.5E6  | 343.643 | 539.136 # |
| -----                       |                 |        |        |          |          |         |           |

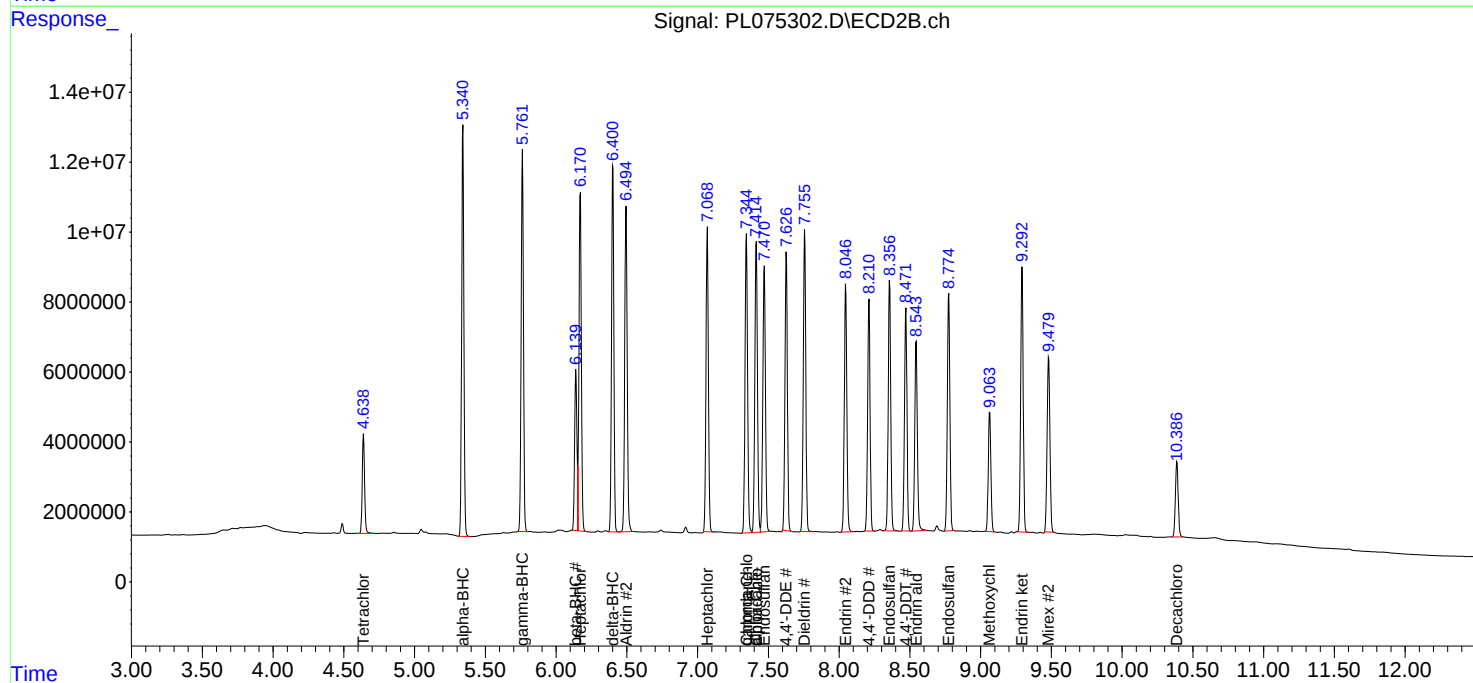
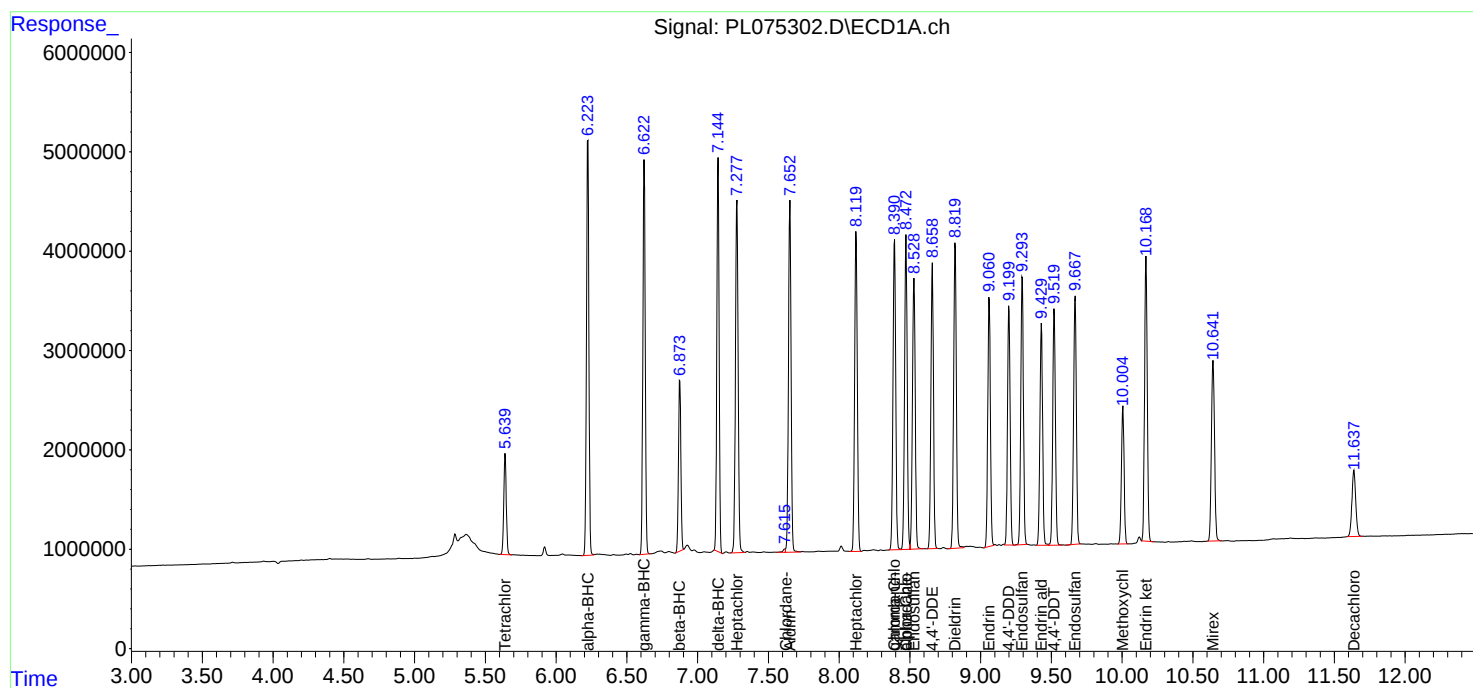
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

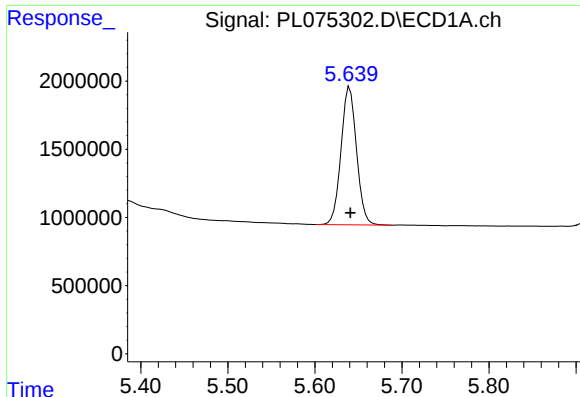
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053122\  
Data File : PL075302.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 May 2022 20:54  
Operator : AR\AJ  
Sample : PB145038BL  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 01 07:44:16 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
Quant Title : GC Extractables  
QLast Update : Tue May 31 02:52:42 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

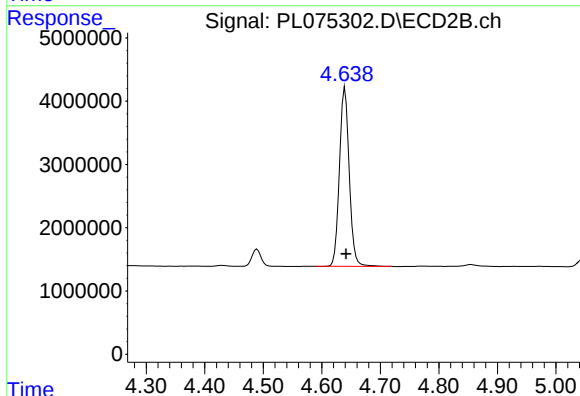




#1 Tetrachloro-m-xylene

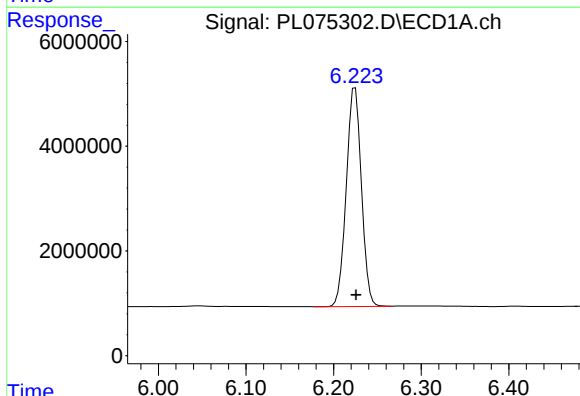
R.T.: 5.640 min  
Delta R.T.: 0.000 min  
Response: 12500972  
Conc: 21.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



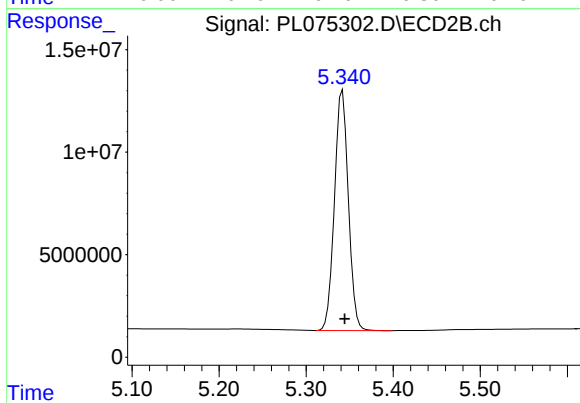
#1 Tetrachloro-m-xylene

R.T.: 4.640 min  
Delta R.T.: -0.002 min  
Response: 32851707  
Conc: 20.74 ng/ml



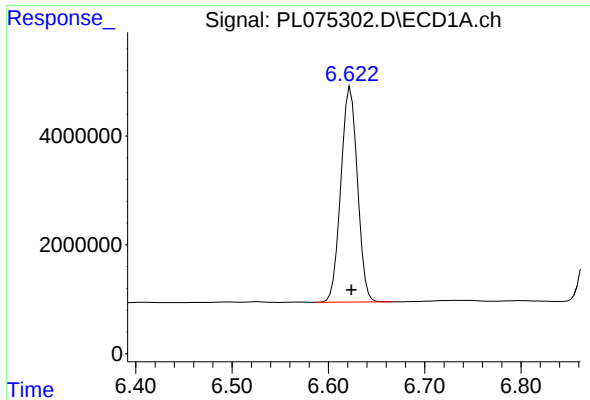
#2 alpha-BHC

R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 50207218  
Conc: 60.84 ng/ml



#2 alpha-BHC

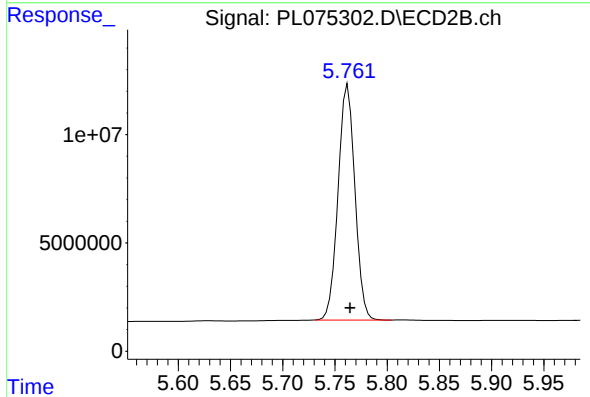
R.T.: 5.342 min  
Delta R.T.: -0.002 min  
Response: 130273666  
Conc: 60.19 ng/ml



#3 gamma-BHC (Lindane)

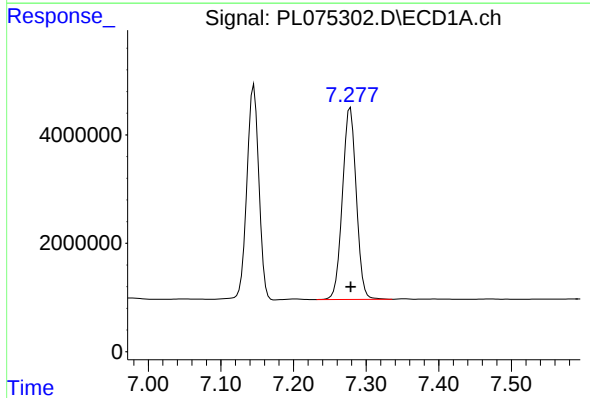
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 47127607  
Conc: 60.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



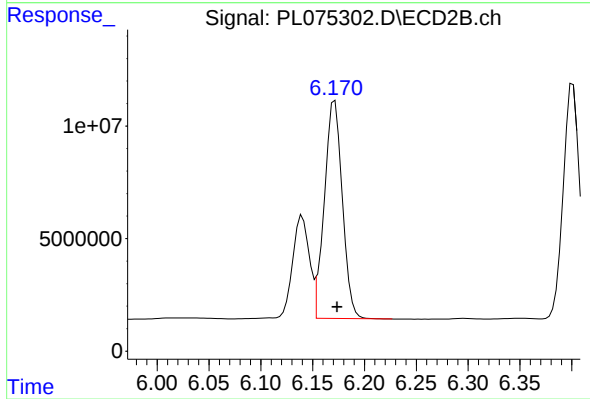
#3 gamma-BHC (Lindane)

R.T.: 5.762 min  
Delta R.T.: -0.002 min  
Response: 121805798  
Conc: 58.00 ng/ml



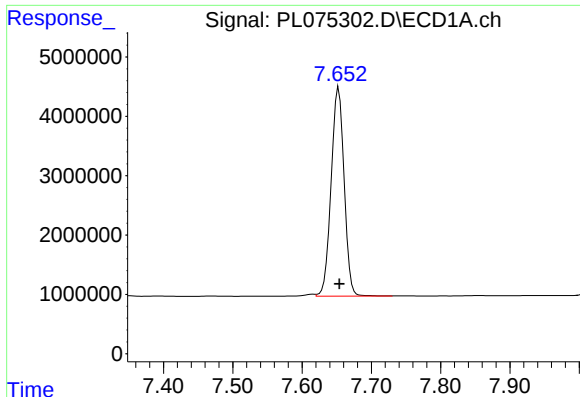
#4 Heptachlor

R.T.: 7.278 min  
Delta R.T.: 0.000 min  
Response: 46944863  
Conc: 58.61 ng/ml



#4 Heptachlor

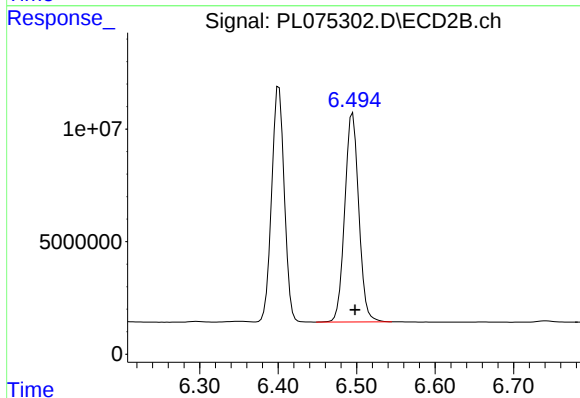
R.T.: 6.171 min  
Delta R.T.: -0.002 min  
Response: 116508410  
Conc: 57.15 ng/ml



#5 Aldrin

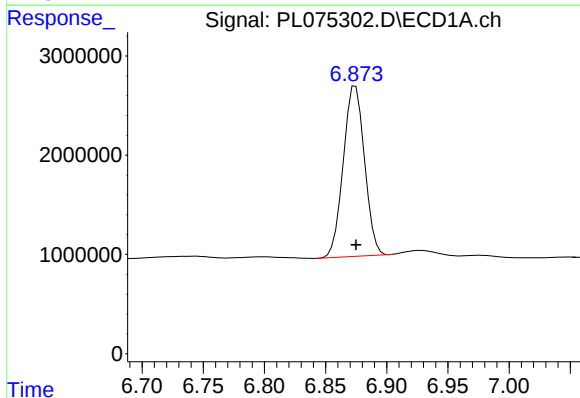
R.T.: 7.653 min  
Delta R.T.: 0.000 min  
Response: 45907866  
Conc: 62.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



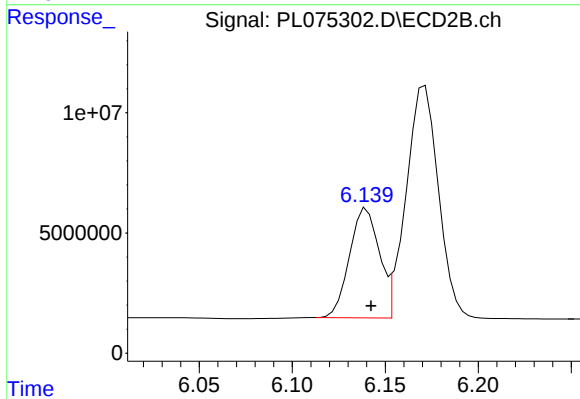
#5 Aldrin

R.T.: 6.495 min  
Delta R.T.: -0.003 min  
Response: 115337616  
Conc: 59.76 ng/ml



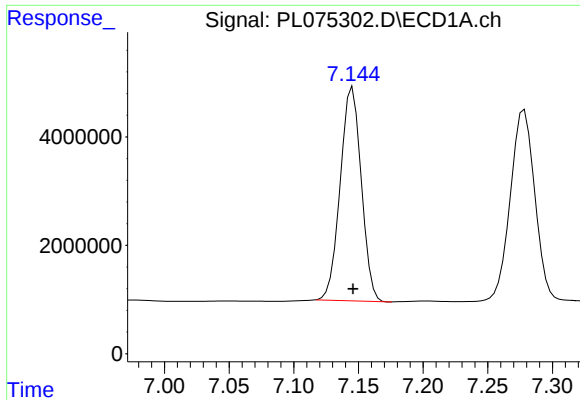
#6 beta-BHC

R.T.: 6.874 min  
Delta R.T.: 0.000 min  
Response: 20762325  
Conc: 55.77 ng/ml



#6 beta-BHC

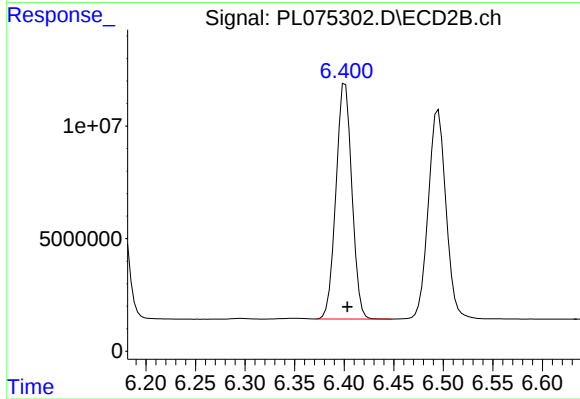
R.T.: 6.140 min  
Delta R.T.: -0.002 min  
Response: 50751629  
Conc: 52.29 ng/ml



#7 delta-BHC

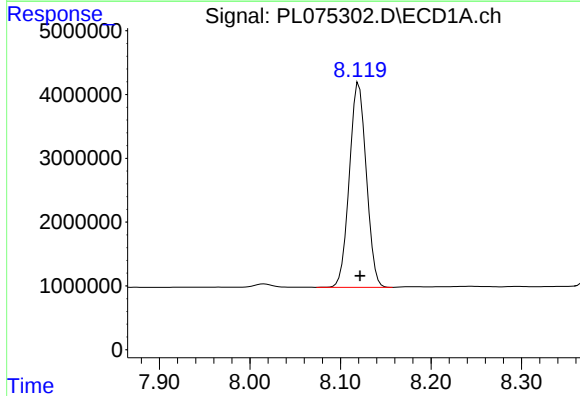
R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 44570696  
Conc: 58.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



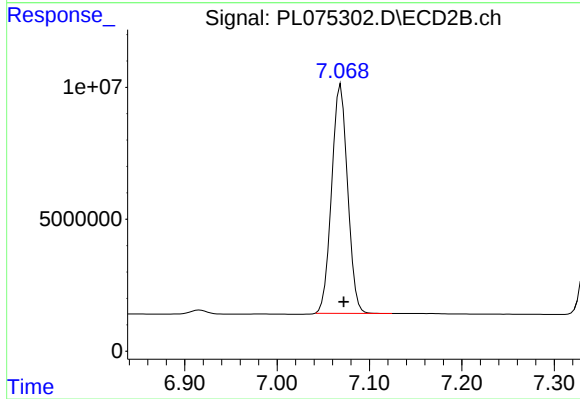
#7 delta-BHC

R.T.: 6.401 min  
Delta R.T.: -0.002 min  
Response: 116812215  
Conc: 54.45 ng/ml



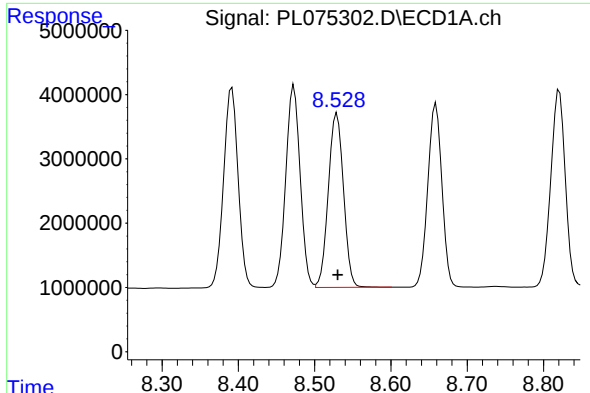
#8 Heptachlor epoxide

R.T.: 8.120 min  
Delta R.T.: -0.001 min  
Response: 41780987  
Conc: 61.20 ng/ml



#8 Heptachlor epoxide

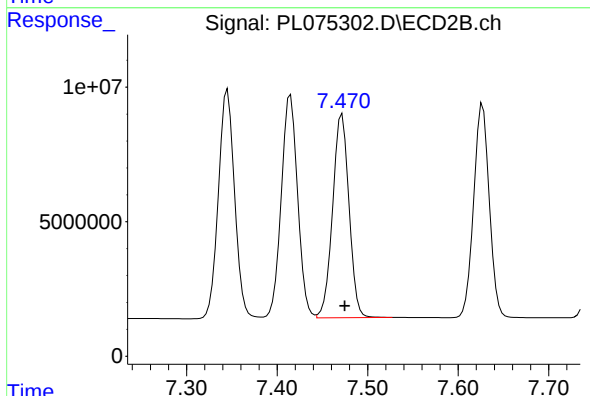
R.T.: 7.069 min  
Delta R.T.: -0.003 min  
Response: 104058717  
Conc: 56.95 ng/ml



#9 Endosulfan I

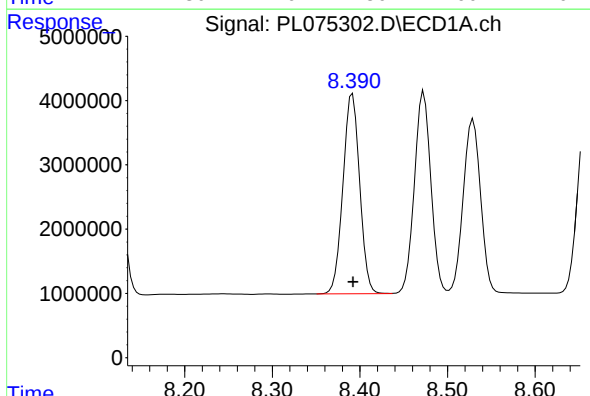
R.T.: 8.529 min  
Delta R.T.: -0.001 min  
Response: 37462300  
Conc: 59.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



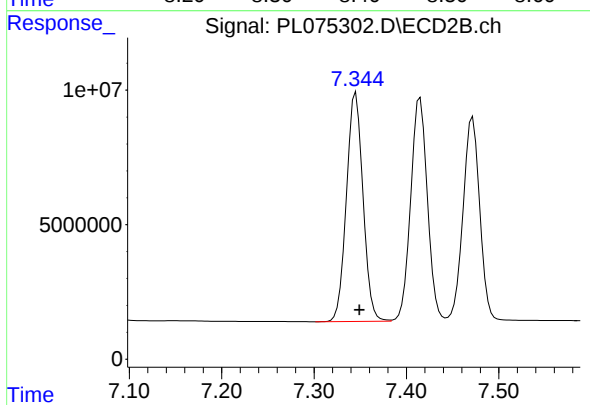
#9 Endosulfan I

R.T.: 7.472 min  
Delta R.T.: -0.003 min  
Response: 95173293  
Conc: 56.32 ng/ml



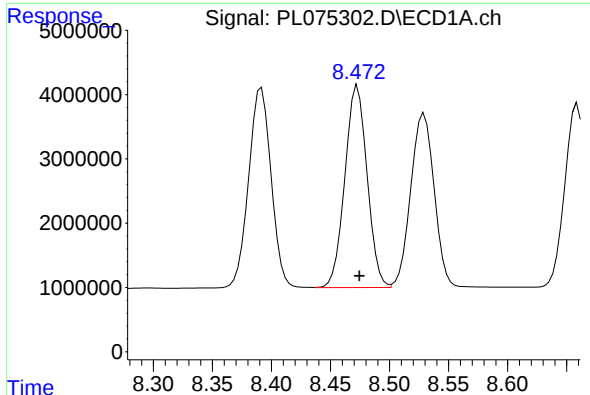
#10 gamma-Chlordane

R.T.: 8.392 min  
Delta R.T.: 0.000 min  
Response: 41268146  
Conc: 61.19 ng/ml



#10 gamma-Chlordane

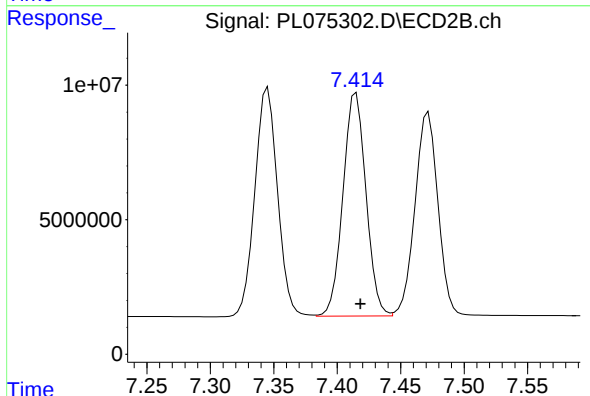
R.T.: 7.345 min  
Delta R.T.: -0.004 min  
Response: 105962984  
Conc: 57.62 ng/ml



#11 alpha-Chlordane

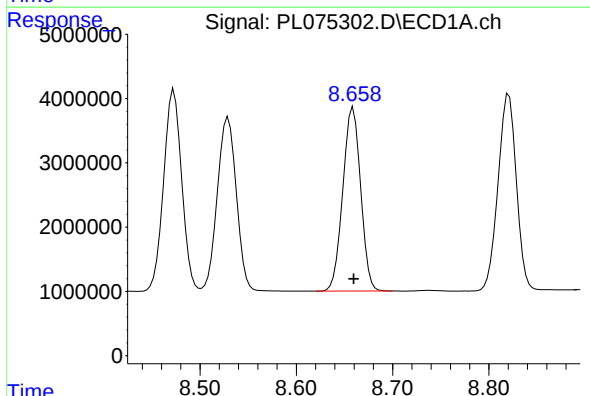
R.T.: 8.473 min  
Delta R.T.: -0.002 min  
Response: 41194265  
Conc: 60.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



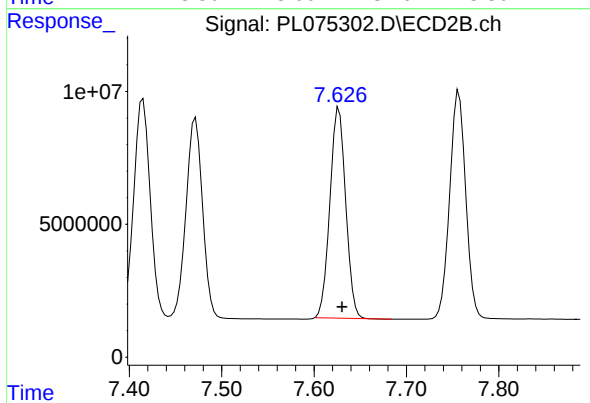
#11 alpha-Chlordane

R.T.: 7.415 min  
Delta R.T.: -0.003 min  
Response: 104505469  
Conc: 57.19 ng/ml



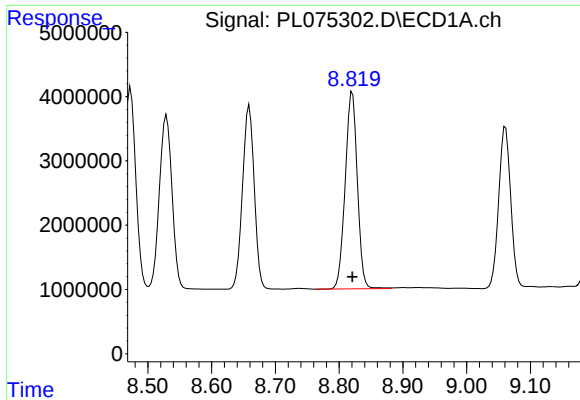
#12 4,4'-DDE

R.T.: 8.659 min  
Delta R.T.: 0.000 min  
Response: 36609851  
Conc: 62.93 ng/ml



#12 4,4'-DDE

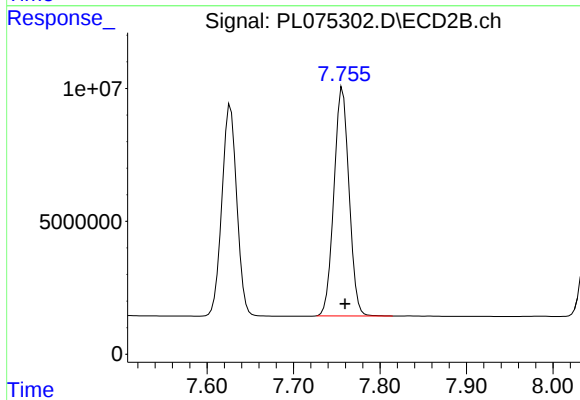
R.T.: 7.627 min  
Delta R.T.: -0.003 min  
Response: 93962434  
Conc: 57.69 ng/ml



#13 Dieldrin

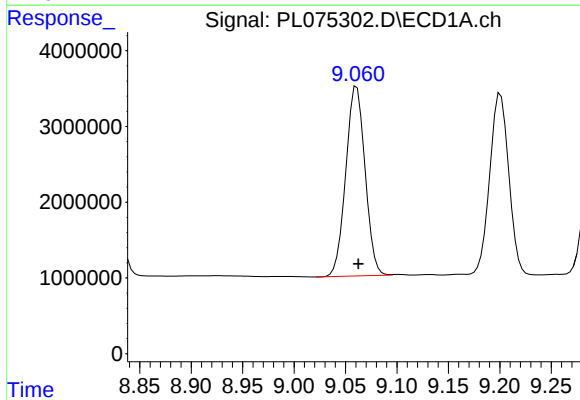
R.T.: 8.821 min  
Delta R.T.: 0.000 min  
Response: 40595140  
Conc: 64.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



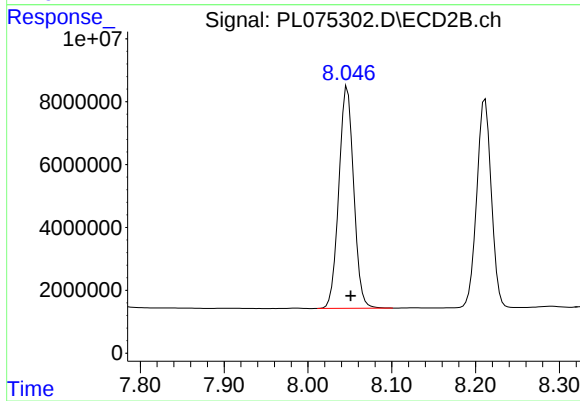
#13 Dieldrin

R.T.: 7.757 min  
Delta R.T.: -0.003 min  
Response: 103917557  
Conc: 59.89 ng/ml



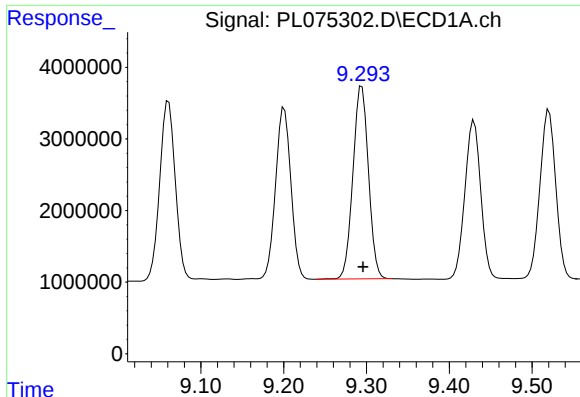
#14 Endrin

R.T.: 9.061 min  
Delta R.T.: -0.001 min  
Response: 32634508  
Conc: 61.45 ng/ml



#14 Endrin

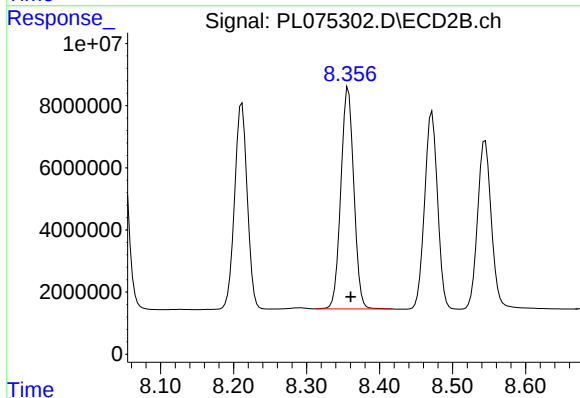
R.T.: 8.047 min  
Delta R.T.: -0.004 min  
Response: 86851113  
Conc: 55.79 ng/ml



#15 Endosulfan II

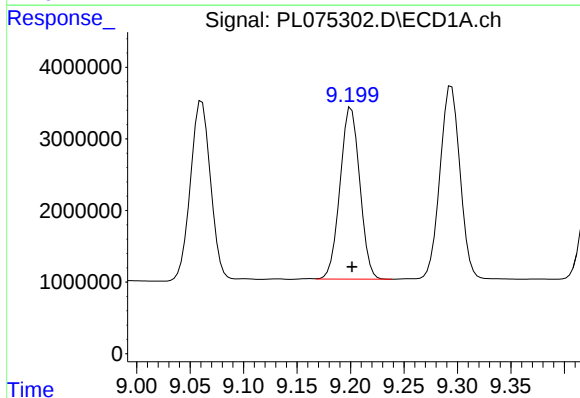
R.T.: 9.294 min  
Delta R.T.: -0.002 min  
Response: 35106939  
Conc: 62.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



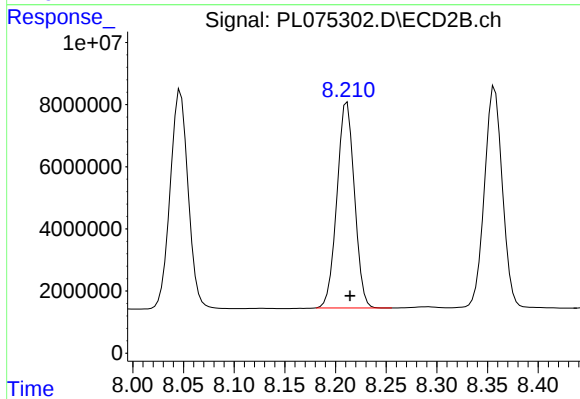
#15 Endosulfan II

R.T.: 8.357 min  
Delta R.T.: -0.003 min  
Response: 87883767  
Conc: 55.82 ng/ml



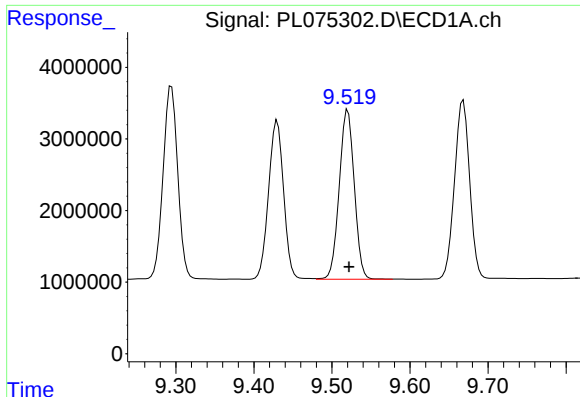
#16 4,4'-DDD

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 30840815  
Conc: 62.36 ng/ml



#16 4,4'-DDD

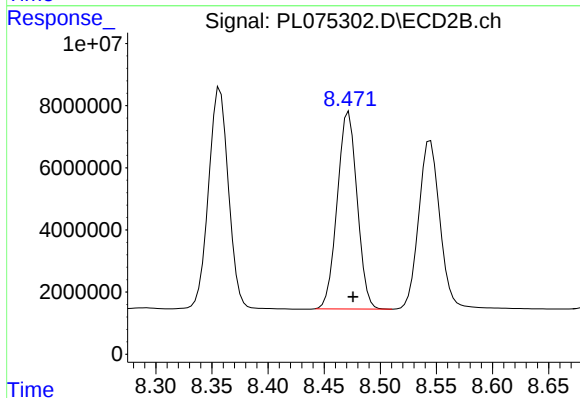
R.T.: 8.211 min  
Delta R.T.: -0.003 min  
Response: 79579366  
Conc: 59.53 ng/ml



#17 4,4'-DDT

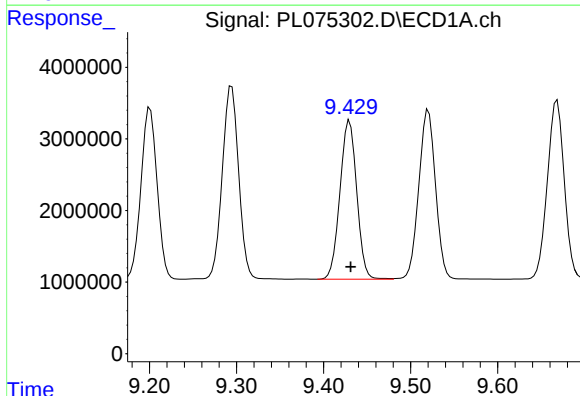
R.T.: 9.520 min  
Delta R.T.: -0.001 min  
Response: 31696136  
Conc: 54.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



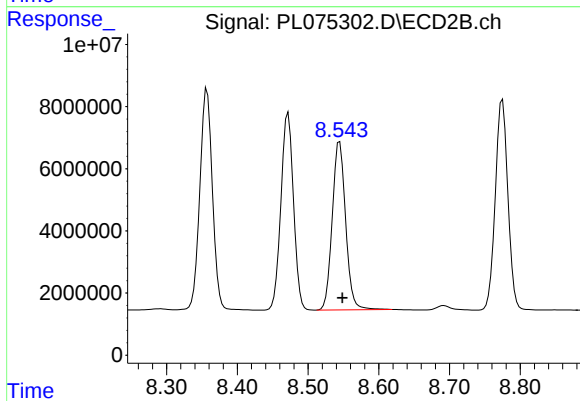
#17 4,4'-DDT

R.T.: 8.472 min  
Delta R.T.: -0.004 min  
Response: 78278916  
Conc: 54.73 ng/ml



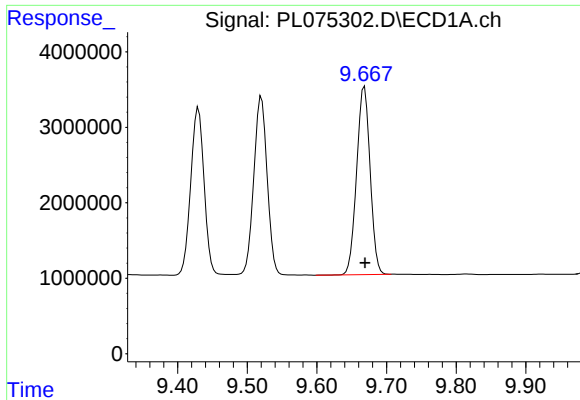
#18 Endrin aldehyde

R.T.: 9.430 min  
Delta R.T.: -0.001 min  
Response: 29727278  
Conc: 67.64 ng/ml



#18 Endrin aldehyde

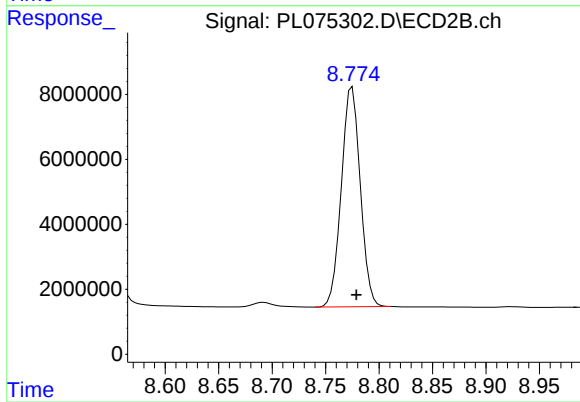
R.T.: 8.545 min  
Delta R.T.: -0.004 min  
Response: 71282875  
Conc: 59.13 ng/ml



#19 Endosulfan Sulfate

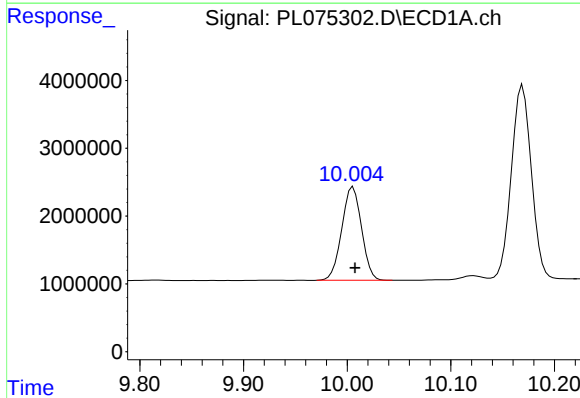
R.T.: 9.668 min  
Delta R.T.: 0.000 min  
Response: 33500391  
Conc: 60.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



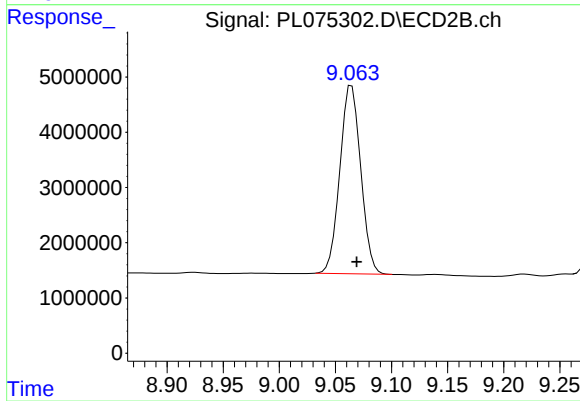
#19 Endosulfan Sulfate

R.T.: 8.775 min  
Delta R.T.: -0.004 min  
Response: 83574953  
Conc: 55.84 ng/ml



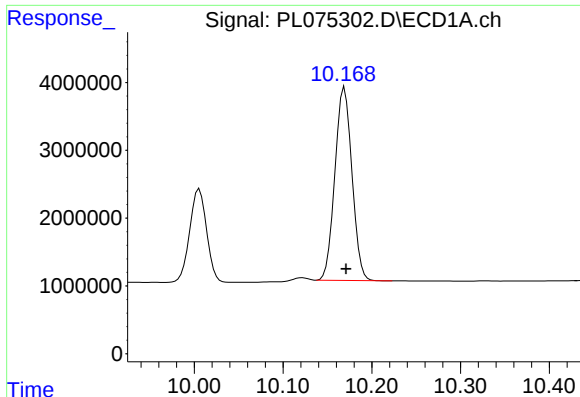
#20 Methoxychlor

R.T.: 10.006 min  
Delta R.T.: -0.002 min  
Response: 18246992  
Conc: 59.58 ng/ml



#20 Methoxychlor

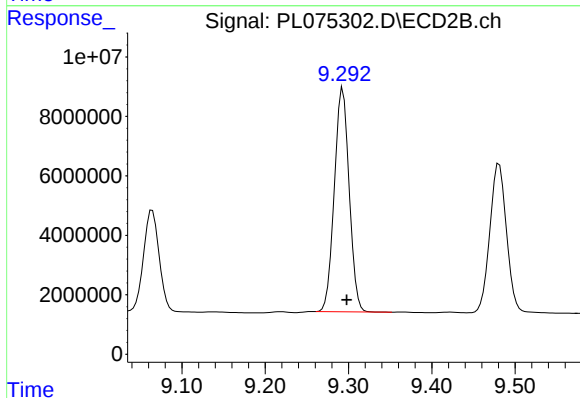
R.T.: 9.064 min  
Delta R.T.: -0.004 min  
Response: 44124874  
Conc: 54.34 ng/ml



#21 Endrin ketone

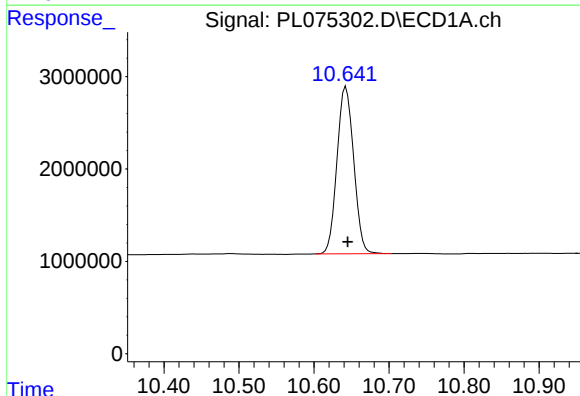
R.T.: 10.169 min  
Delta R.T.: -0.002 min  
Response: 38051661  
Conc: 61.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



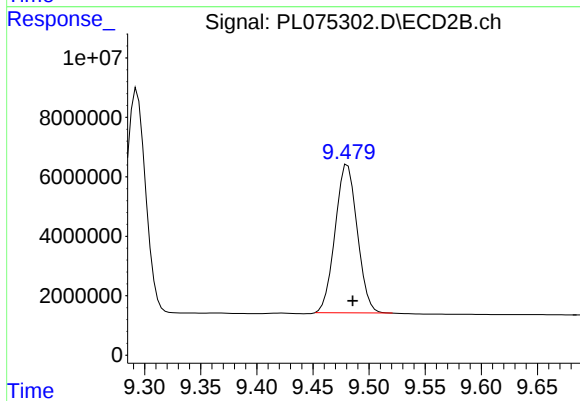
#21 Endrin ketone

R.T.: 9.293 min  
Delta R.T.: -0.004 min  
Response: 93408894  
Conc: 58.41 ng/ml



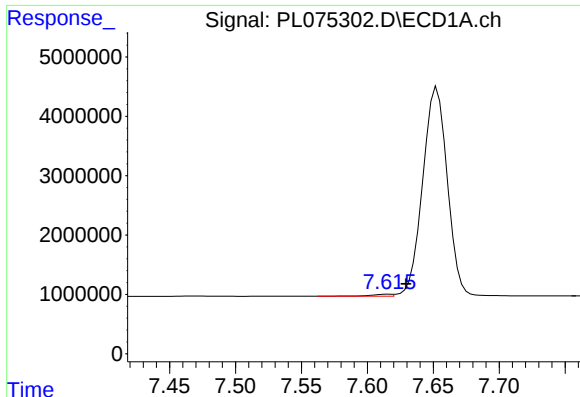
#22 Mirex

R.T.: 10.643 min  
Delta R.T.: -0.002 min  
Response: 27995631  
Conc: 57.75 ng/ml



#22 Mirex

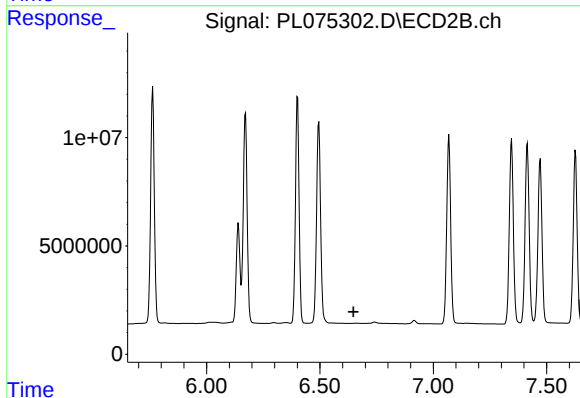
R.T.: 9.481 min  
Delta R.T.: -0.005 min  
Response: 68529973  
Conc: 53.89 ng/ml



#24 Chlordane-2

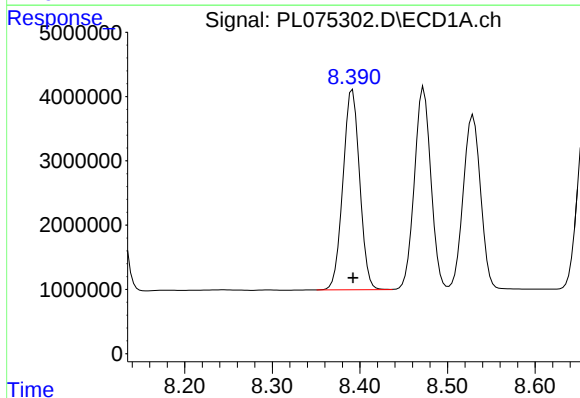
R.T.: 7.616 min  
Delta R.T.: -0.013 min  
Response: 369389  
Conc: 12.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



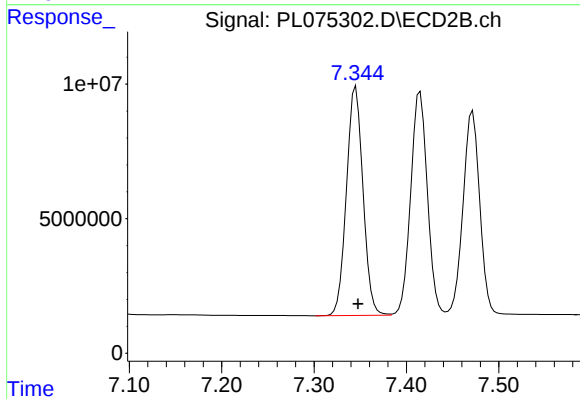
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



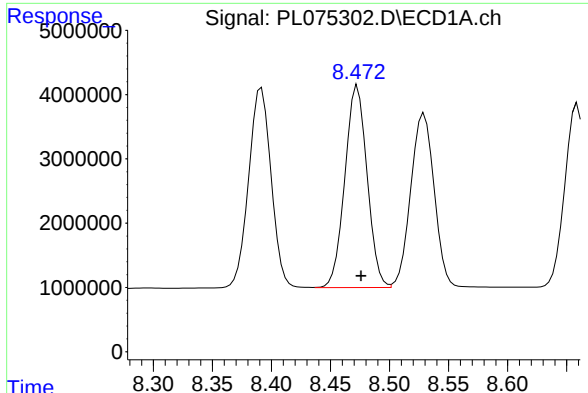
#25 Chlordane-3

R.T.: 8.392 min  
Delta R.T.: 0.000 min  
Response: 41268146  
Conc: 420.38 ng/ml



#25 Chlordane-3

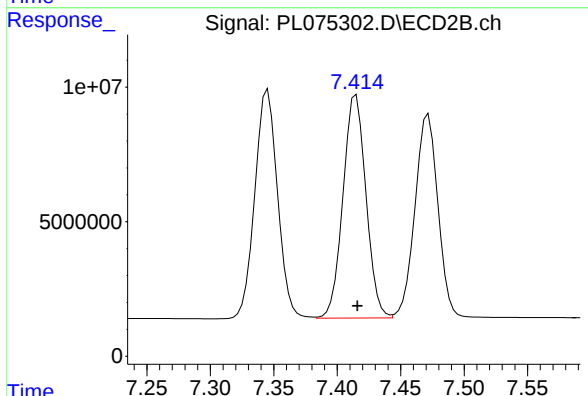
R.T.: 7.345 min  
Delta R.T.: -0.002 min  
Response: 105962984  
Conc: 581.00 ng/ml



#26 Chlordane-4

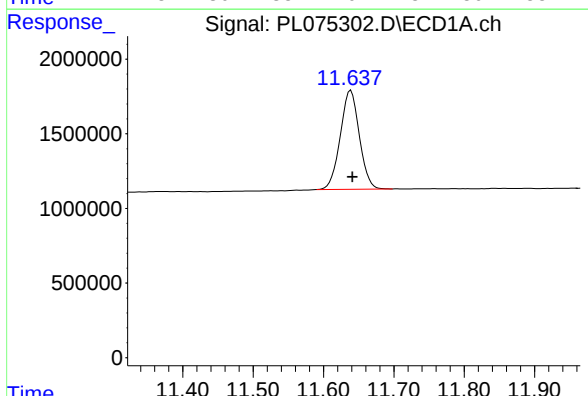
R.T.: 8.473 min  
Delta R.T.: -0.003 min  
Response: 41194265  
Conc: 343.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



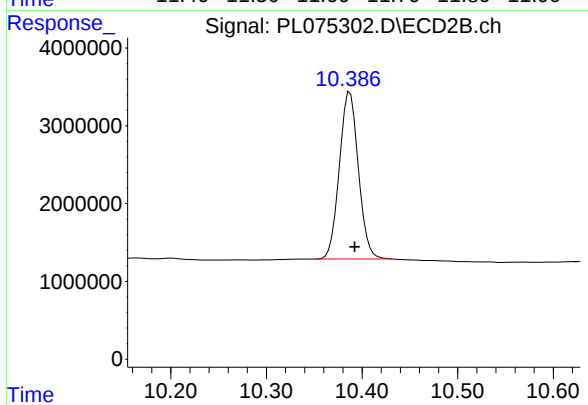
#26 Chlordane-4

R.T.: 7.415 min  
Delta R.T.: -0.001 min  
Response: 104505469  
Conc: 539.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.639 min  
Delta R.T.: -0.002 min  
Response: 12468813  
Conc: 23.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.387 min  
Delta R.T.: -0.005 min  
Response: 29733036  
Conc: 21.67 ng/ml