

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053122\  
 Data File : PL075299.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2022 20:05  
 Operator : AR\AJ  
 Sample : PB144917BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 01 07:43:05 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... | 5.641  | 4.639  | 12289077 | 32721449 | 20.909   | 20.656    |
| 28)                         | SA Decachlor... | 11.641 | 10.388 | 12200672 | 28865851 | 22.755   | 21.035    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.225  | 5.342  | 49576719 | 130.4E6  | 60.073   | 60.237    |
| 3)                          | MA gamma-BHC... | 6.623  | 5.762  | 46518040 | 121.3E6  | 59.435   | 57.735    |
| 4)                          | MA Heptachlor   | 7.279  | 6.171  | 46120023 | 115.7E6  | 57.585   | 56.745    |
| 5)                          | MB Aldrin       | 7.653  | 6.495  | 44746850 | 114.6E6  | 61.363   | 59.381    |
| 6)                          | B beta-BHC      | 6.875  | 6.140  | 20461083 | 50717607 | 54.958   | 52.254    |
| 7)                          | B delta-BHC     | 7.146  | 6.401  | 43802716 | 116.1E6  | 57.043   | 54.136    |
| 8)                          | B Heptachlo...  | 8.121  | 7.069  | 40853340 | 102.8E6  | 59.840   | 56.278    |
| 9)                          | A Endosulfan I  | 8.529  | 7.471  | 36767797 | 94329166 | 58.541   | 55.820    |
| 10)                         | B gamma-Chl...  | 8.392  | 7.345  | 40373844 | 104.7E6  | 59.864   | 56.924    |
| 11)                         | B alpha-Chl...  | 8.473  | 7.415  | 40348963 | 103.3E6  | 59.549   | 56.530    |
| 12)                         | B 4,4'-DDE      | 8.659  | 7.627  | 35847543 | 93056849 | 61.621   | 57.136    |
| 13)                         | MA Dieldrin     | 8.820  | 7.757  | 39495644 | 102.1E6  | 62.325   | 58.864    |
| 14)                         | MA Endrin       | 9.061  | 8.047  | 31863759 | 85407029 | 60.003   | 54.864    |
| 15)                         | B Endosulfa...  | 9.294  | 8.357  | 34340752 | 86094941 | 60.840   | 54.686    |
| 16)                         | A 4,4'-DDD      | 9.201  | 8.211  | 30142842 | 77381313 | 60.948   | 57.890    |
| 17)                         | MA 4,4'-DDT     | 9.521  | 8.472  | 30989050 | 76919482 | 53.203   | 53.784    |
| 18)                         | B Endrin al...  | 9.430  | 8.545  | 29119587 | 70070894 | 66.260   | 58.123    |
| 19)                         | B Endosulfa...  | 9.669  | 8.775  | 32884888 | 81528451 | 59.118   | 54.469    |
| 20)                         | A Methoxychlor  | 10.006 | 9.065  | 17920919 | 43120484 | 58.511   | 53.101    |
| 21)                         | B Endrin ke...  | 10.170 | 9.294  | 37324384 | 91197697 | 60.793   | 57.029    |
| 22)                         | Mirex           | 10.644 | 9.482  | 27254065 | 67001292 | 56.223   | 52.690    |
| 24)                         | Chlordane-2     | 7.653f | 0.000  | 44746850 | 0        | 1528.187 | N.D. #    |
| 25)                         | Chlordane-3     | 8.392  | 7.345  | 40373844 | 104.7E6  | 411.273  | 574.022 # |
| 26)                         | Chlordane-4     | 8.473  | 7.415  | 40348963 | 103.3E6  | 336.591  | 532.895 # |
| -----                       |                 |        |        |          |          |          |           |

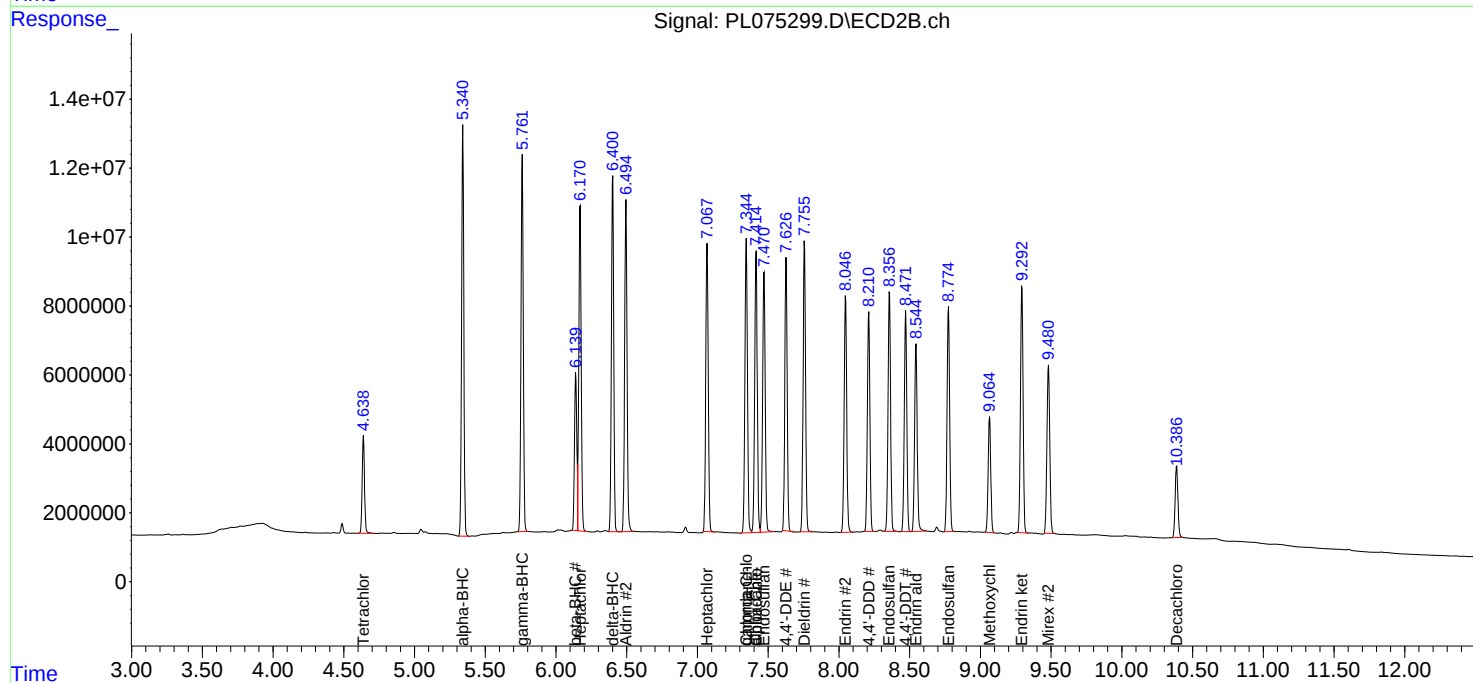
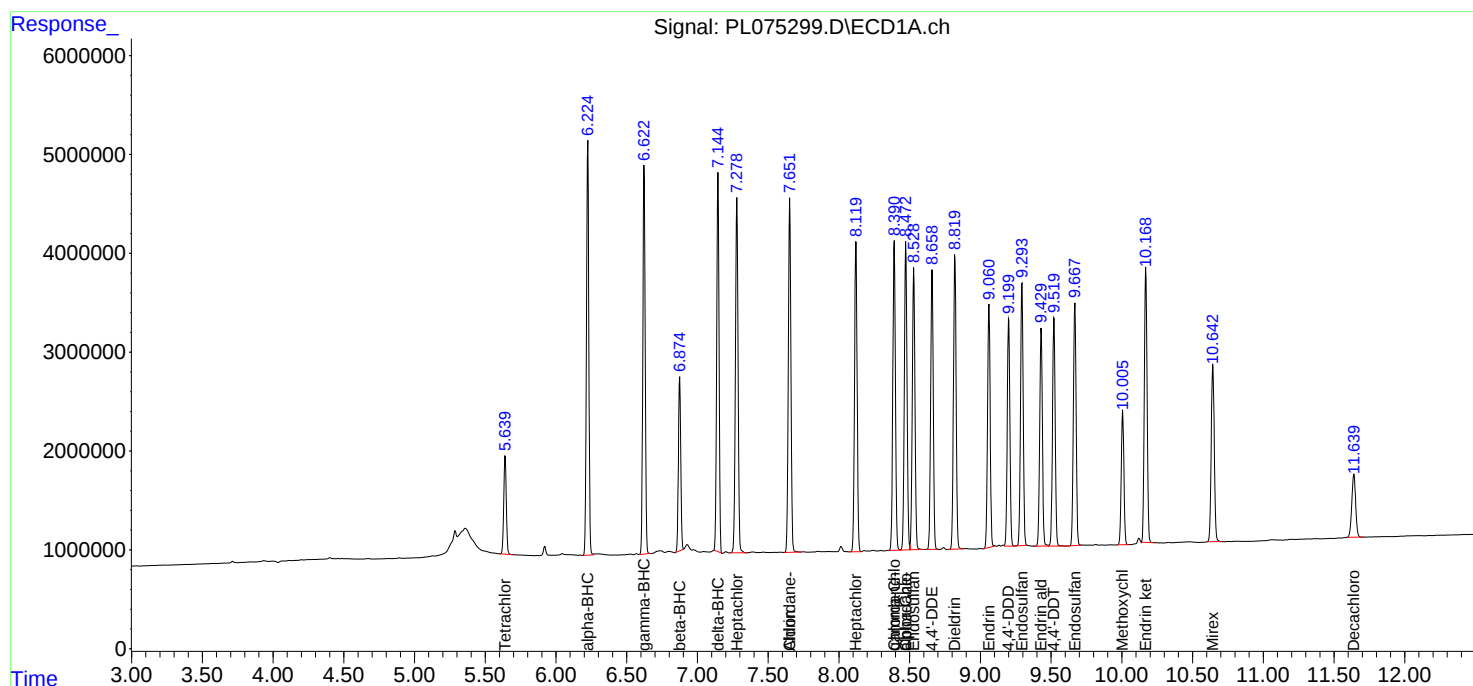
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

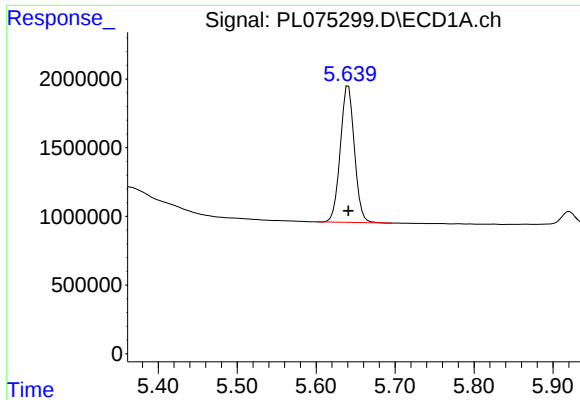
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053122\  
Data File : PL075299.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 May 2022 20:05  
Operator : AR\AJ  
Sample : PB144917BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 01 07:43:05 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

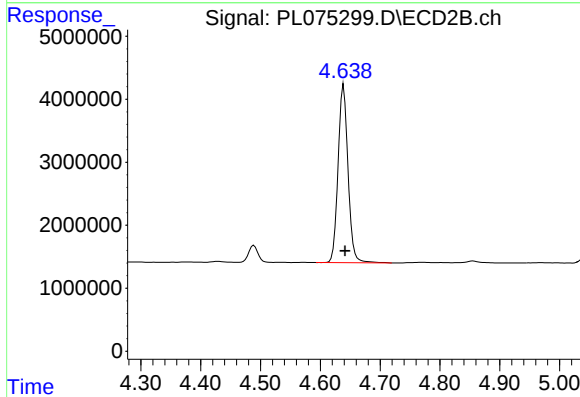




#1 Tetrachloro-m-xylene

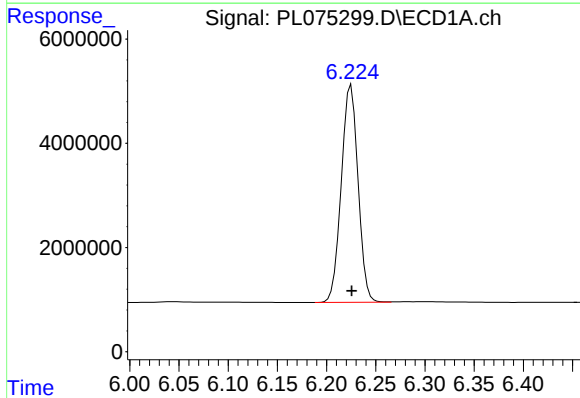
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 12289077  
Conc: 20.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



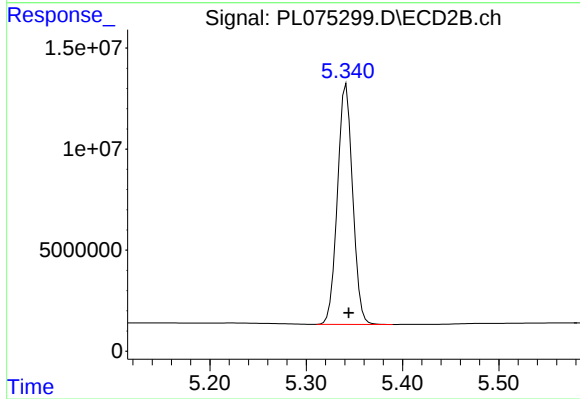
#1 Tetrachloro-m-xylene

R.T.: 4.639 min  
Delta R.T.: -0.003 min  
Response: 32721449  
Conc: 20.66 ng/ml



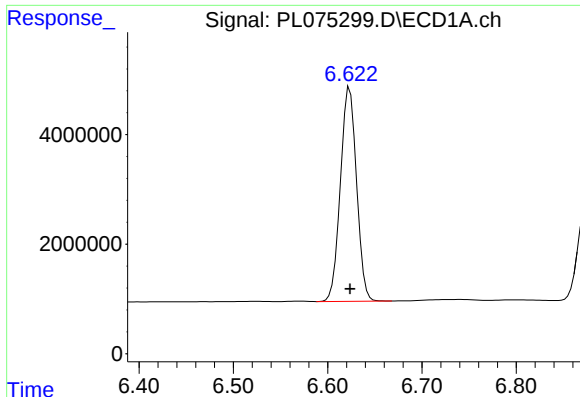
#2 alpha-BHC

R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 49576719  
Conc: 60.07 ng/ml



#2 alpha-BHC

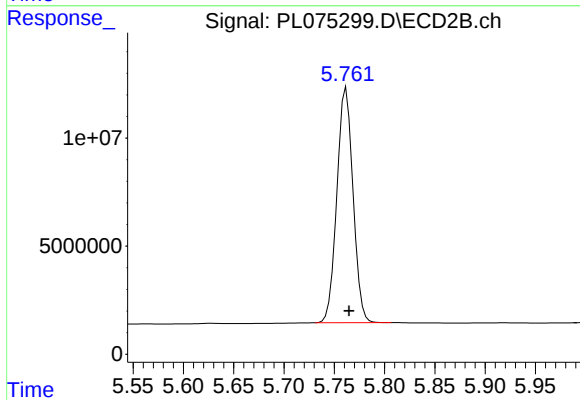
R.T.: 5.342 min  
Delta R.T.: -0.003 min  
Response: 130370266  
Conc: 60.24 ng/ml



#3 gamma-BHC (Lindane)

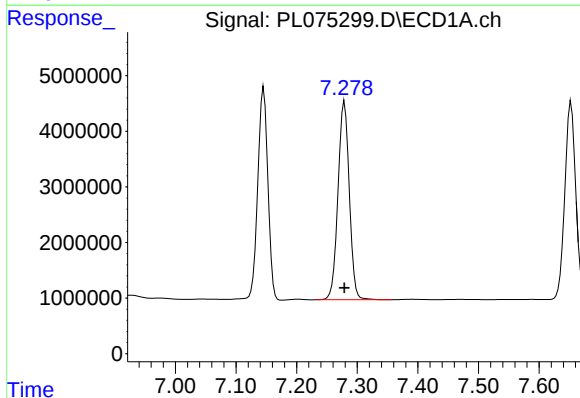
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 46518040  
Conc: 59.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



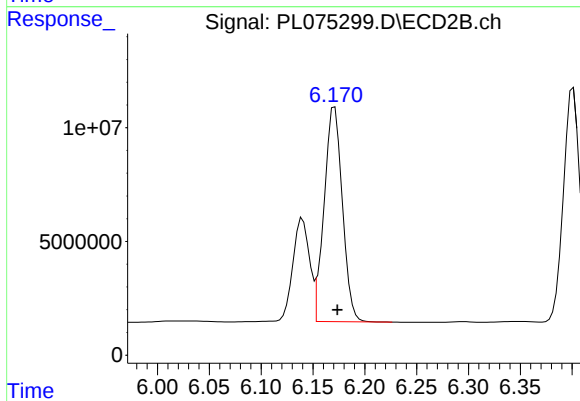
#3 gamma-BHC (Lindane)

R.T.: 5.762 min  
Delta R.T.: -0.003 min  
Response: 121252882  
Conc: 57.73 ng/ml



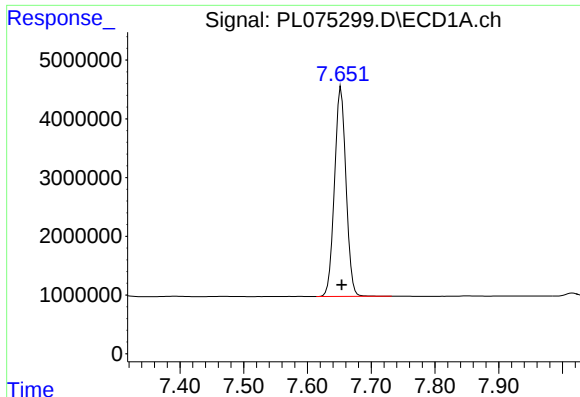
#4 Heptachlor

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 46120023  
Conc: 57.58 ng/ml



#4 Heptachlor

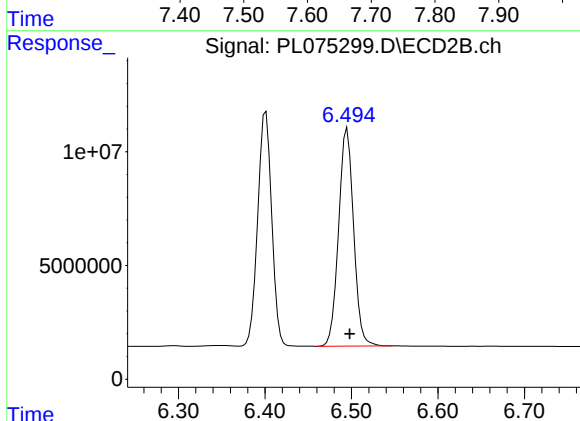
R.T.: 6.171 min  
Delta R.T.: -0.003 min  
Response: 115677859  
Conc: 56.74 ng/ml



#5 Aldrin

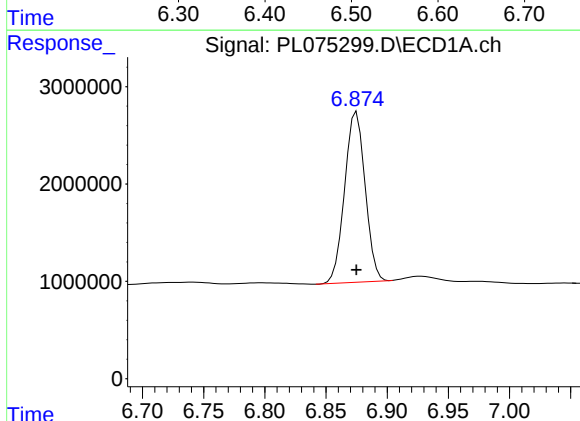
R.T.: 7.653 min  
Delta R.T.: -0.001 min  
Response: 44746850  
Conc: 61.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



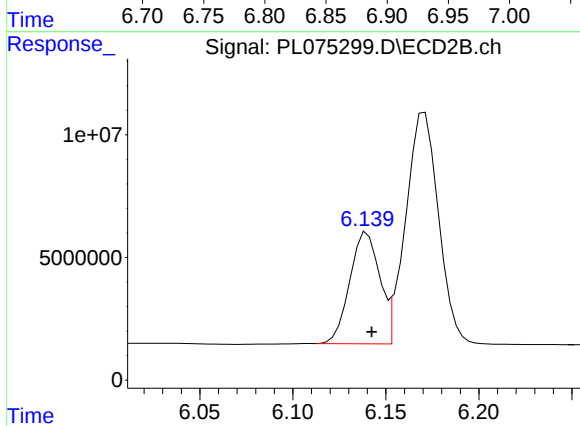
#5 Aldrin

R.T.: 6.495 min  
Delta R.T.: -0.003 min  
Response: 114600435  
Conc: 59.38 ng/ml



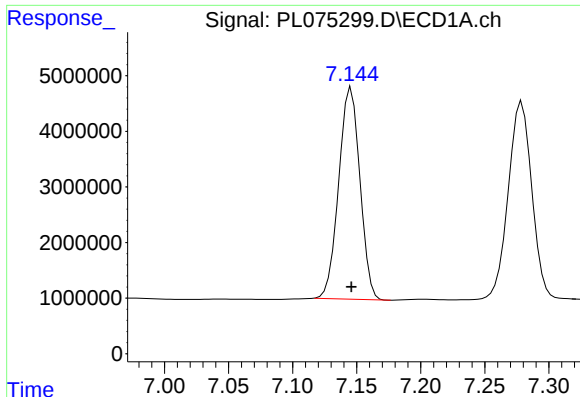
#6 beta-BHC

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 20461083  
Conc: 54.96 ng/ml



#6 beta-BHC

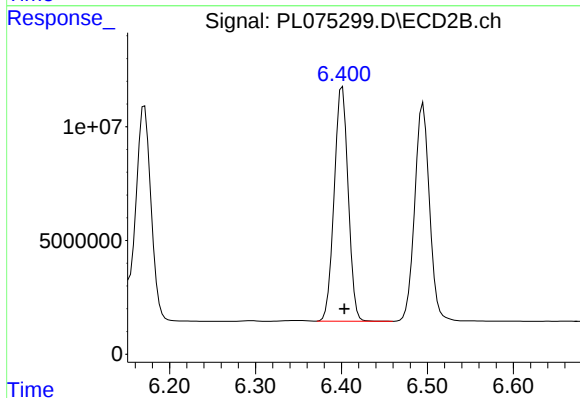
R.T.: 6.140 min  
Delta R.T.: -0.002 min  
Response: 50717607  
Conc: 52.25 ng/ml



#7 delta-BHC

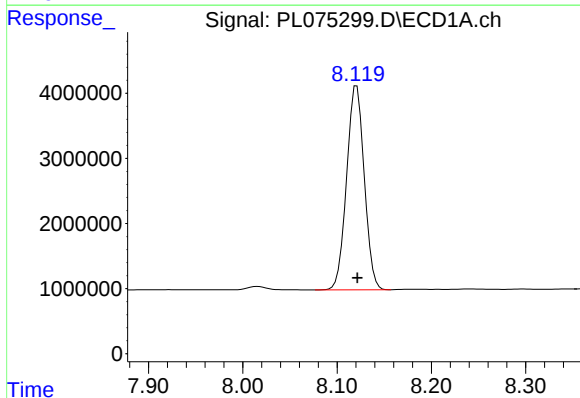
R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 43802716  
Conc: 57.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



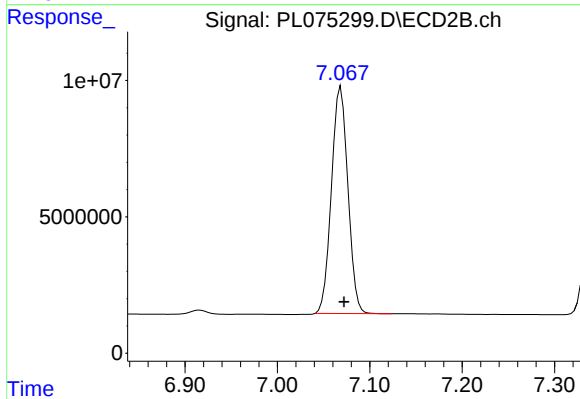
#7 delta-BHC

R.T.: 6.401 min  
Delta R.T.: -0.002 min  
Response: 116134790  
Conc: 54.14 ng/ml



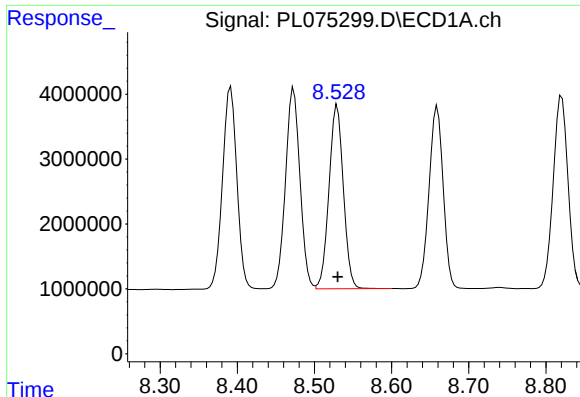
#8 Heptachlor epoxide

R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 40853340  
Conc: 59.84 ng/ml



#8 Heptachlor epoxide

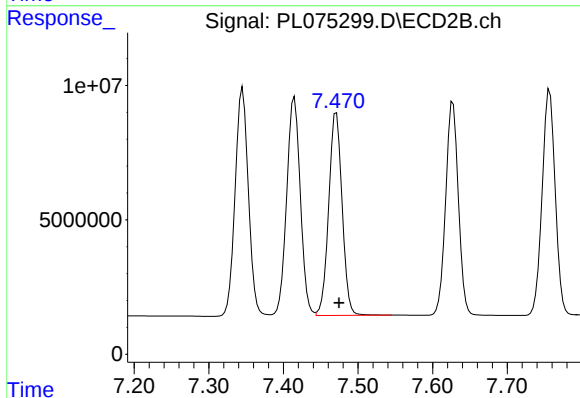
R.T.: 7.069 min  
Delta R.T.: -0.003 min  
Response: 102840027  
Conc: 56.28 ng/ml



#9 Endosulfan I

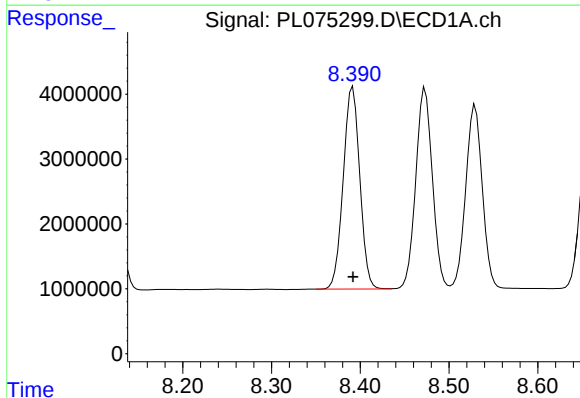
R.T.: 8.529 min  
Delta R.T.: 0.000 min  
Response: 36767797  
Conc: 58.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



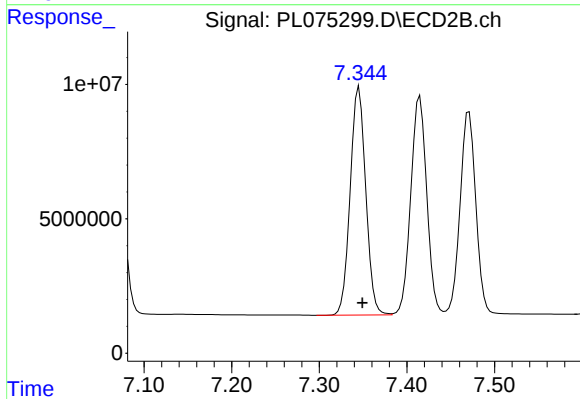
#9 Endosulfan I

R.T.: 7.471 min  
Delta R.T.: -0.004 min  
Response: 94329166  
Conc: 55.82 ng/ml



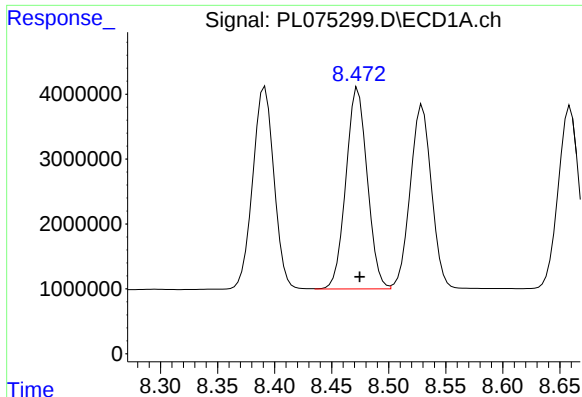
#10 gamma-Chlordane

R.T.: 8.392 min  
Delta R.T.: 0.000 min  
Response: 40373844  
Conc: 59.86 ng/ml



#10 gamma-Chlordane

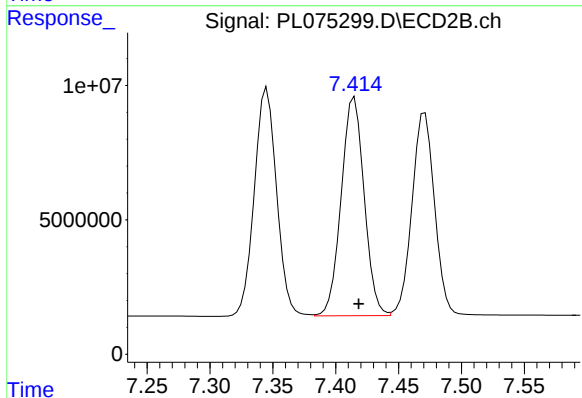
R.T.: 7.345 min  
Delta R.T.: -0.004 min  
Response: 104690671  
Conc: 56.92 ng/ml



#11 alpha-Chlordane

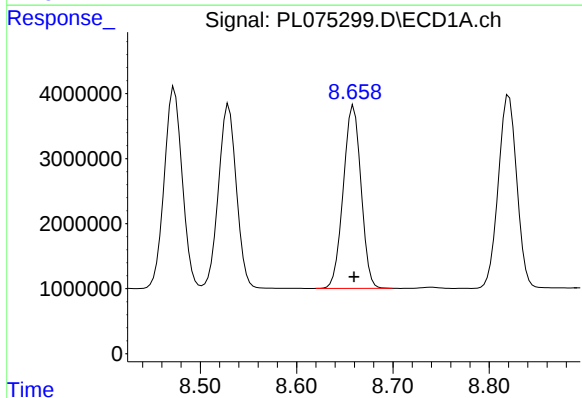
R.T.: 8.473 min  
Delta R.T.: -0.001 min  
Response: 40348963  
Conc: 59.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



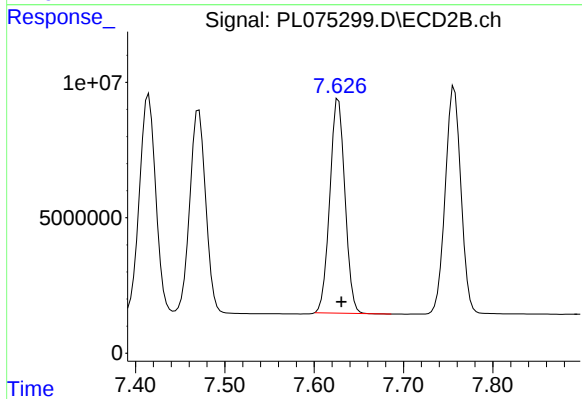
#11 alpha-Chlordane

R.T.: 7.415 min  
Delta R.T.: -0.003 min  
Response: 103295651  
Conc: 56.53 ng/ml



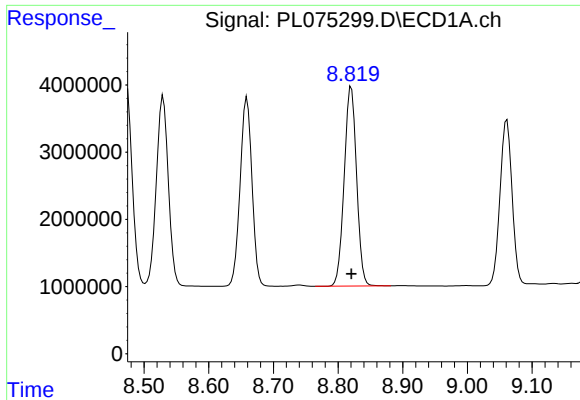
#12 4,4'-DDE

R.T.: 8.659 min  
Delta R.T.: 0.000 min  
Response: 35847543  
Conc: 61.62 ng/ml



#12 4,4'-DDE

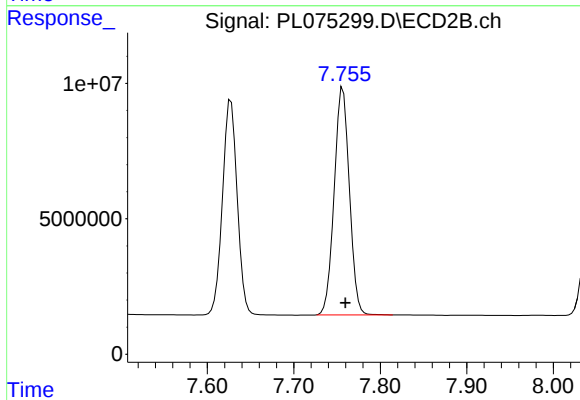
R.T.: 7.627 min  
Delta R.T.: -0.003 min  
Response: 93056849  
Conc: 57.14 ng/ml



#13 Dieldrin

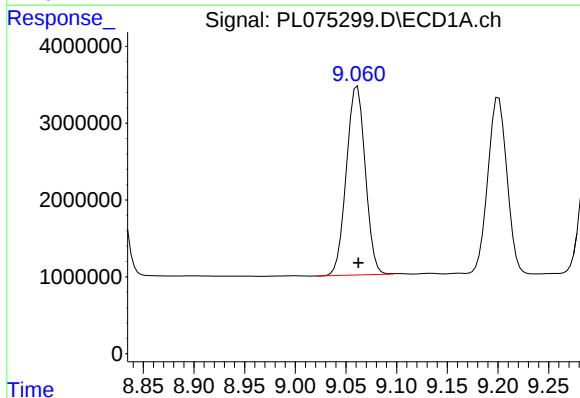
R.T.: 8.820 min  
Delta R.T.: 0.000 min  
Response: 39495644  
Conc: 62.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



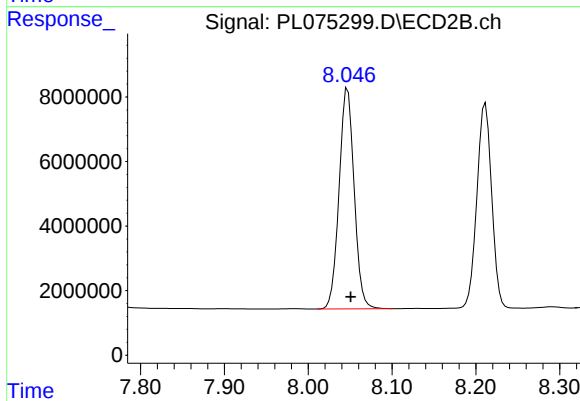
#13 Dieldrin

R.T.: 7.757 min  
Delta R.T.: -0.003 min  
Response: 102135067  
Conc: 58.86 ng/ml



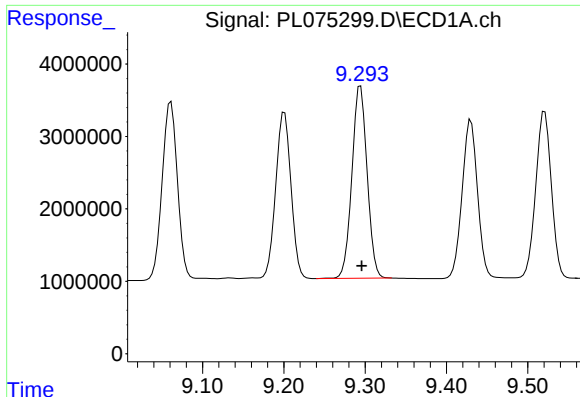
#14 Endrin

R.T.: 9.061 min  
Delta R.T.: -0.001 min  
Response: 31863759  
Conc: 60.00 ng/ml



#14 Endrin

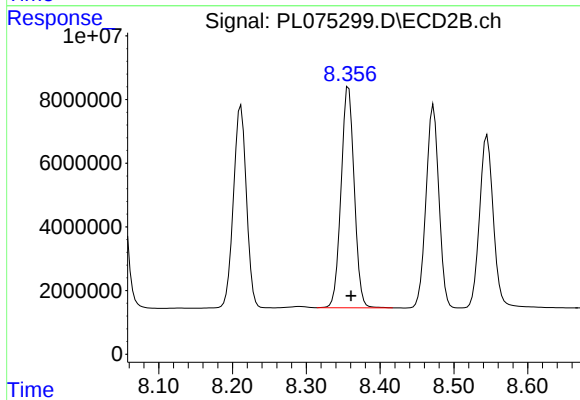
R.T.: 8.047 min  
Delta R.T.: -0.004 min  
Response: 85407029  
Conc: 54.86 ng/ml



#15 Endosulfan II

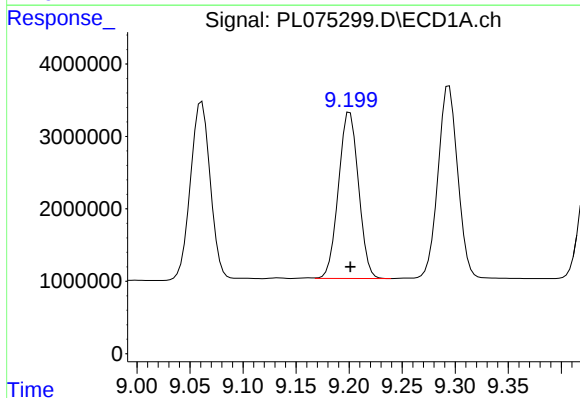
R.T.: 9.294 min  
Delta R.T.: -0.002 min  
Response: 34340752  
Conc: 60.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



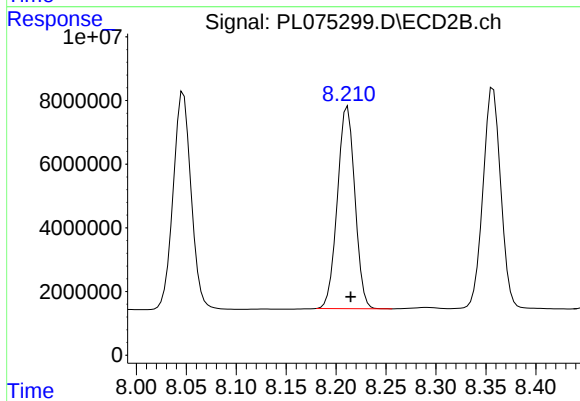
#15 Endosulfan II

R.T.: 8.357 min  
Delta R.T.: -0.003 min  
Response: 86094941  
Conc: 54.69 ng/ml



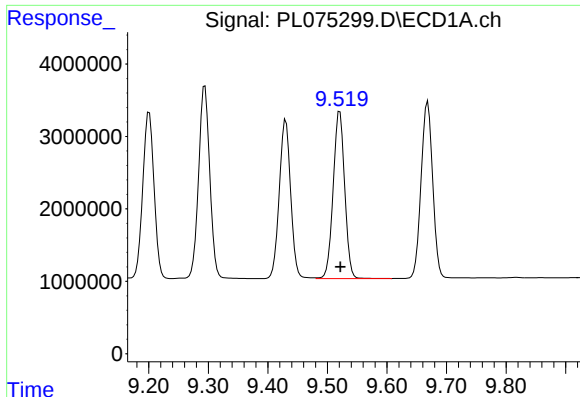
#16 4,4'-DDD

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 30142842  
Conc: 60.95 ng/ml



#16 4,4'-DDD

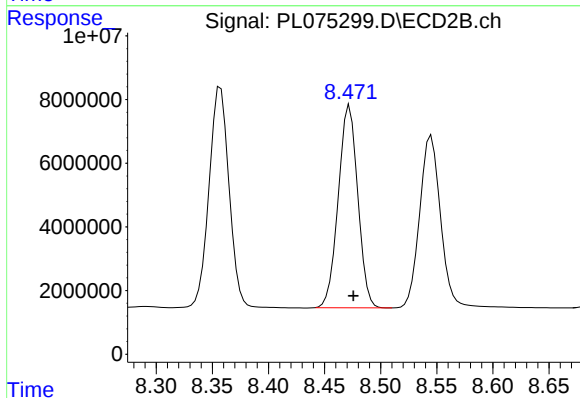
R.T.: 8.211 min  
Delta R.T.: -0.003 min  
Response: 77381313  
Conc: 57.89 ng/ml



#17 4,4'-DDT

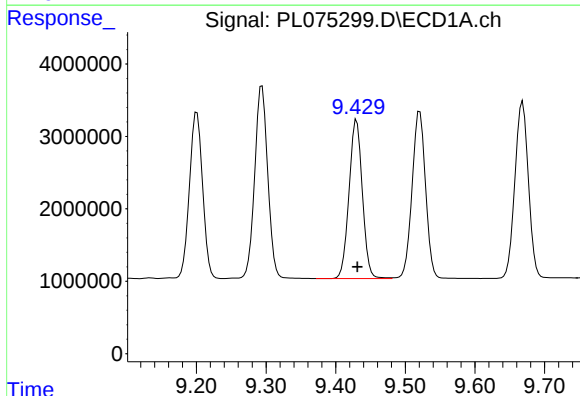
R.T.: 9.521 min  
Delta R.T.: -0.001 min  
Response: 30989050  
Conc: 53.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



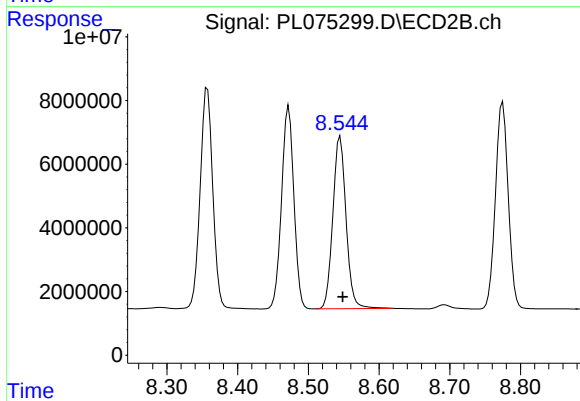
#17 4,4'-DDT

R.T.: 8.472 min  
Delta R.T.: -0.003 min  
Response: 76919482  
Conc: 53.78 ng/ml



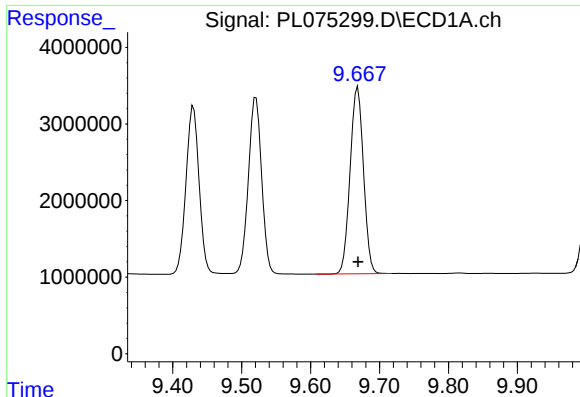
#18 Endrin aldehyde

R.T.: 9.430 min  
Delta R.T.: -0.001 min  
Response: 29119587  
Conc: 66.26 ng/ml



#18 Endrin aldehyde

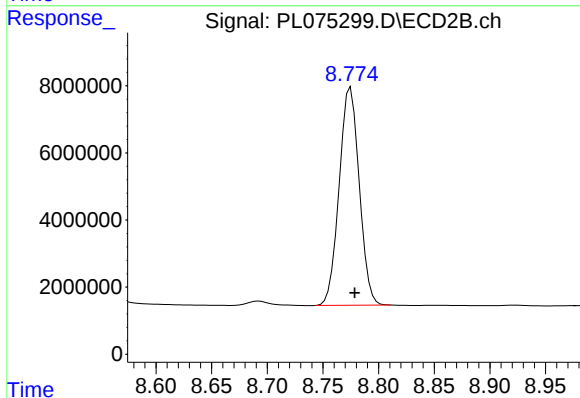
R.T.: 8.545 min  
Delta R.T.: -0.003 min  
Response: 70070894  
Conc: 58.12 ng/ml



#19 Endosulfan Sulfate

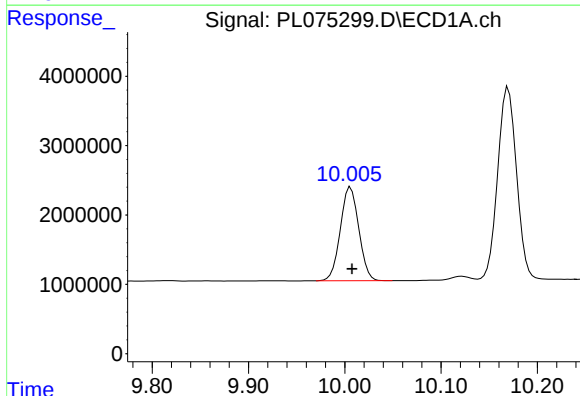
R.T.: 9.669 min  
Delta R.T.: 0.000 min  
Response: 32884888  
Conc: 59.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



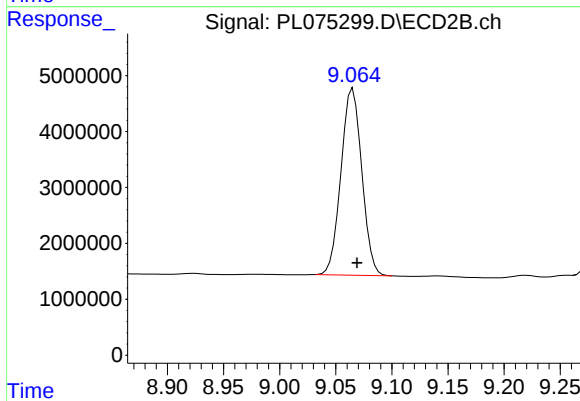
#19 Endosulfan Sulfate

R.T.: 8.775 min  
Delta R.T.: -0.004 min  
Response: 81528451  
Conc: 54.47 ng/ml



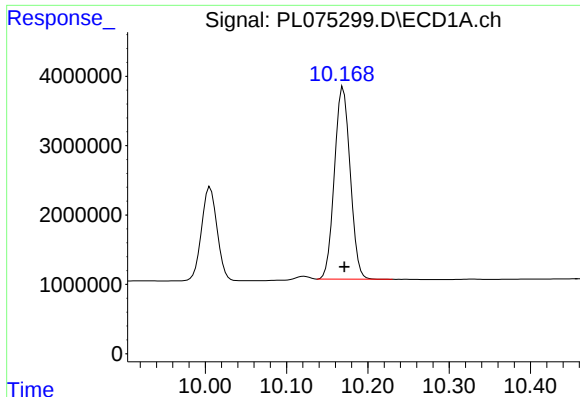
#20 Methoxychlor

R.T.: 10.006 min  
Delta R.T.: -0.001 min  
Response: 17920919  
Conc: 58.51 ng/ml



#20 Methoxychlor

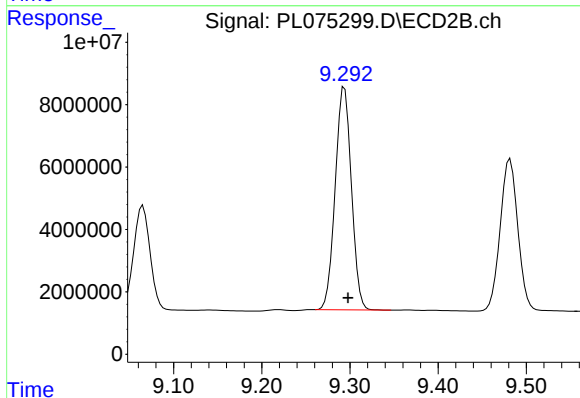
R.T.: 9.065 min  
Delta R.T.: -0.004 min  
Response: 43120484  
Conc: 53.10 ng/ml



#21 Endrin ketone

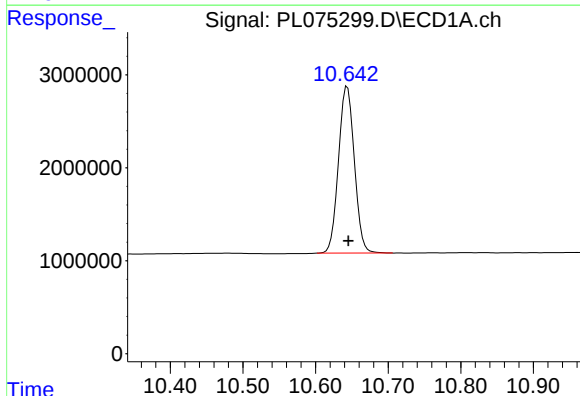
R.T.: 10.170 min  
Delta R.T.: -0.001 min  
Response: 37324384  
Conc: 60.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



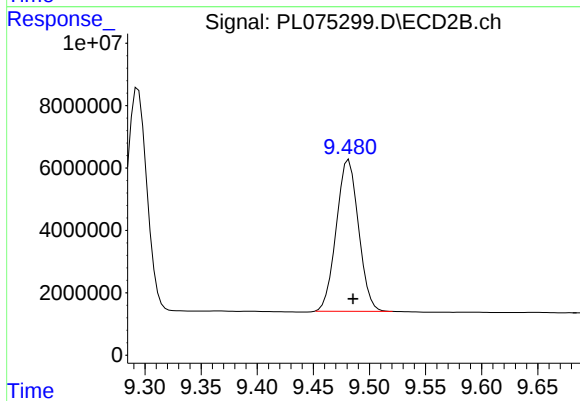
#21 Endrin ketone

R.T.: 9.294 min  
Delta R.T.: -0.004 min  
Response: 91197697  
Conc: 57.03 ng/ml



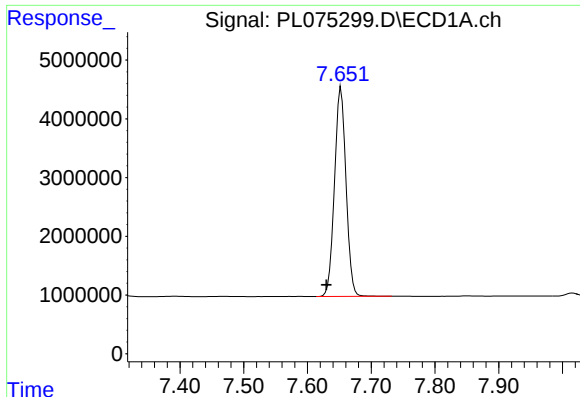
#22 Mirex

R.T.: 10.644 min  
Delta R.T.: -0.001 min  
Response: 27254065  
Conc: 56.22 ng/ml



#22 Mirex

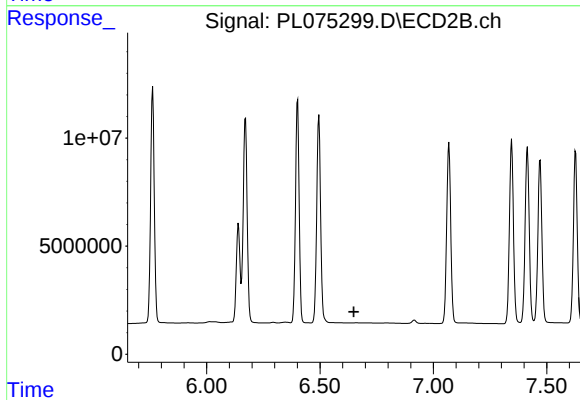
R.T.: 9.482 min  
Delta R.T.: -0.004 min  
Response: 67001292  
Conc: 52.69 ng/ml



#24 Chlordane-2

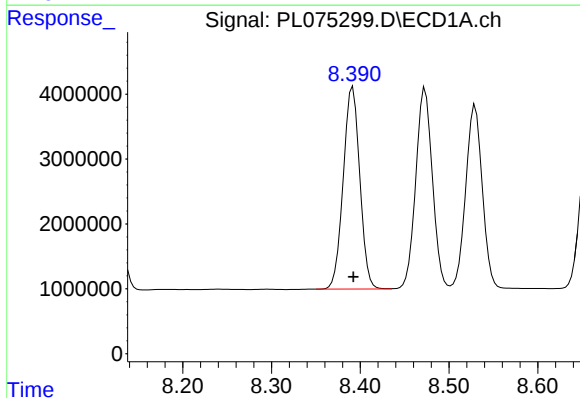
R.T.: 7.653 min  
Delta R.T.: 0.023 min  
Response: 44746850  
Conc: 1528.19 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



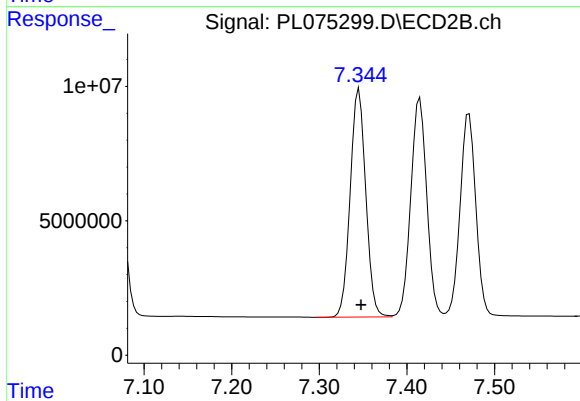
#24 Chlordane-2

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



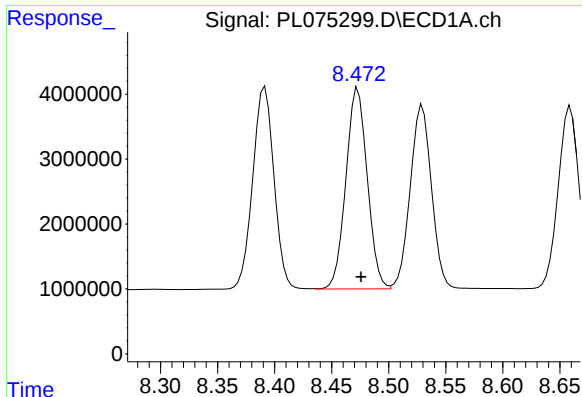
#25 Chlordane-3

R.T.: 8.392 min  
Delta R.T.: 0.000 min  
Response: 40373844  
Conc: 411.27 ng/ml



#25 Chlordane-3

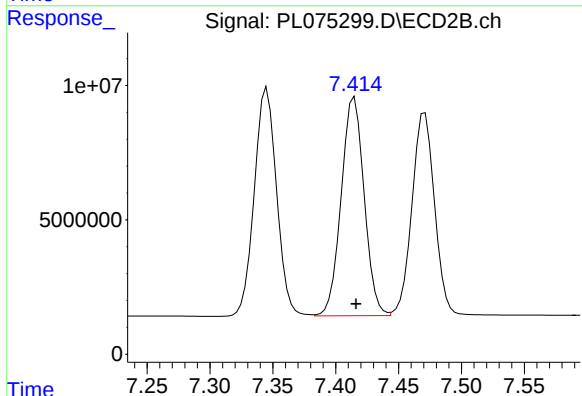
R.T.: 7.345 min  
Delta R.T.: -0.002 min  
Response: 104690671  
Conc: 574.02 ng/ml



#26 Chlordane-4

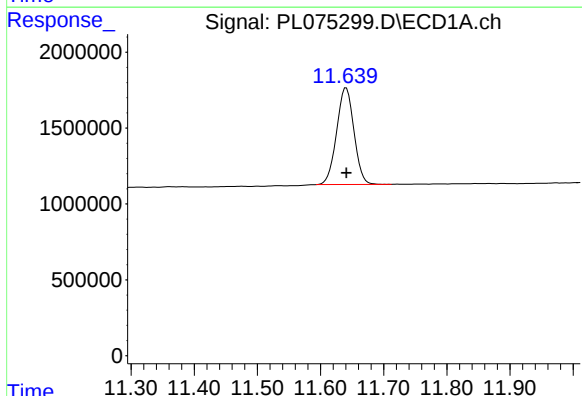
R.T.: 8.473 min  
Delta R.T.: -0.003 min  
Response: 40348963  
Conc: 336.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



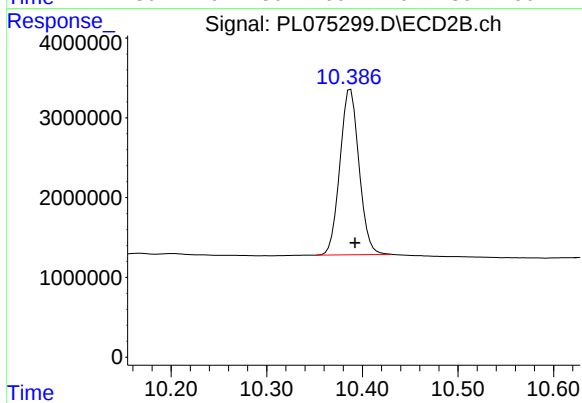
#26 Chlordane-4

R.T.: 7.415 min  
Delta R.T.: -0.001 min  
Response: 103295651  
Conc: 532.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.641 min  
Delta R.T.: 0.000 min  
Response: 12200672  
Conc: 22.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.388 min  
Delta R.T.: -0.005 min  
Response: 28865851  
Conc: 21.04 ng/ml