

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051520\  
 Data File : PL058737.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2020 12:39  
 Operator : AJ\MA  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 22:48:04 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 15 06:18:53 2020  
 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... | 3.531 | 4.077  | 37924455 | 56151628 | 23.085  | 25.941   |
| 28)                         | SA Decachlor... | 8.318 | 9.192  | 36200870 | 52172214 | 27.724  | 29.521   |
| Target Compounds            |                 |       |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.974 | 4.470  | 24822173 | 36025553 | 10.783  | 11.766   |
| 3)                          | MA gamma-BHC... | 4.260 | 4.757  | 21370950 | 34284619 | 10.417  | 11.694   |
| 6)                          | B beta-BHC      | 4.509 | 4.925  | 10784826 | 18891568 | 12.166  | 14.243   |
| 7)                          | B delta-BHC     | 0.000 | 5.120f | 0        | 1529111  | N.D.    | 0.539 #  |
| 8)                          | B Heptachlo...  | 0.000 | 5.959  | 0        | 11792394 | N.D.    | 4.911 #  |
| 9)                          | A Endosulfan I  | 0.000 | 6.343f | 0        | 97580    | N.D.    | 0.045 #  |
| 10)                         | B gamma-Chl...  | 0.000 | 6.174f | 0        | 10290447 | N.D.    | 4.381 #  |
| 11)                         | B alpha-Chl...  | 0.000 | 6.289  | 0        | 2356443  | N.D.    | 1.005 #  |
| 12)                         | B 4,4'-DDE      | 0.000 | 6.430  | 0        | 618863   | N.D.    | 0.296 #  |
| 13)                         | MA Dieldrin     | 5.842 | 6.595  | 1583243  | 647845   | 1.063   | 0.295 #  |
| 14)                         | MA Endrin       | 6.109 | 6.804  | 72444532 | 105.8E6  | 55.761  | 58.362   |
| 15)                         | B Endosulfa...  | 6.381 | 7.015  | 827883   | 3263796  | 0.600   | 1.634 #  |
| 16)                         | A 4,4'-DDD      | 6.233 | 6.921  | 5834701  | 10468658 | 4.947   | 5.982    |
| 17)                         | MA 4,4'-DDT     | 6.476 | 7.222  | 141.0E6  | 209.4E6  | 115.585 | 123.717  |
| 18)                         | B Endrin al...  | 6.549 | 7.136  | 1351273  | 2495021  | 1.151   | 1.462 #  |
| 20)                         | A Methoxychlor  | 7.023 | 7.679  | 176.8E6  | 277.4E6  | 272.389 | 282.415  |
| 21)                         | B Endrin ke...  | 7.256 | 7.833  | 5705559  | 8331696  | 3.847   | 4.136    |
| 25)                         | Chlordane-3     | 0.000 | 6.174f | 0        | 10290447 | N.D.    | 33.975 # |
| 26)                         | Chlordane-4     | 0.000 | 6.289  | 0        | 2356443  | N.D.    | 6.466 #  |
| 27)                         | Chlordane-5     | 6.381 | 0.000  | 827883   | 0        | 16.962  | N.D. #   |
| -----                       |                 |       |        |          |          |         |          |

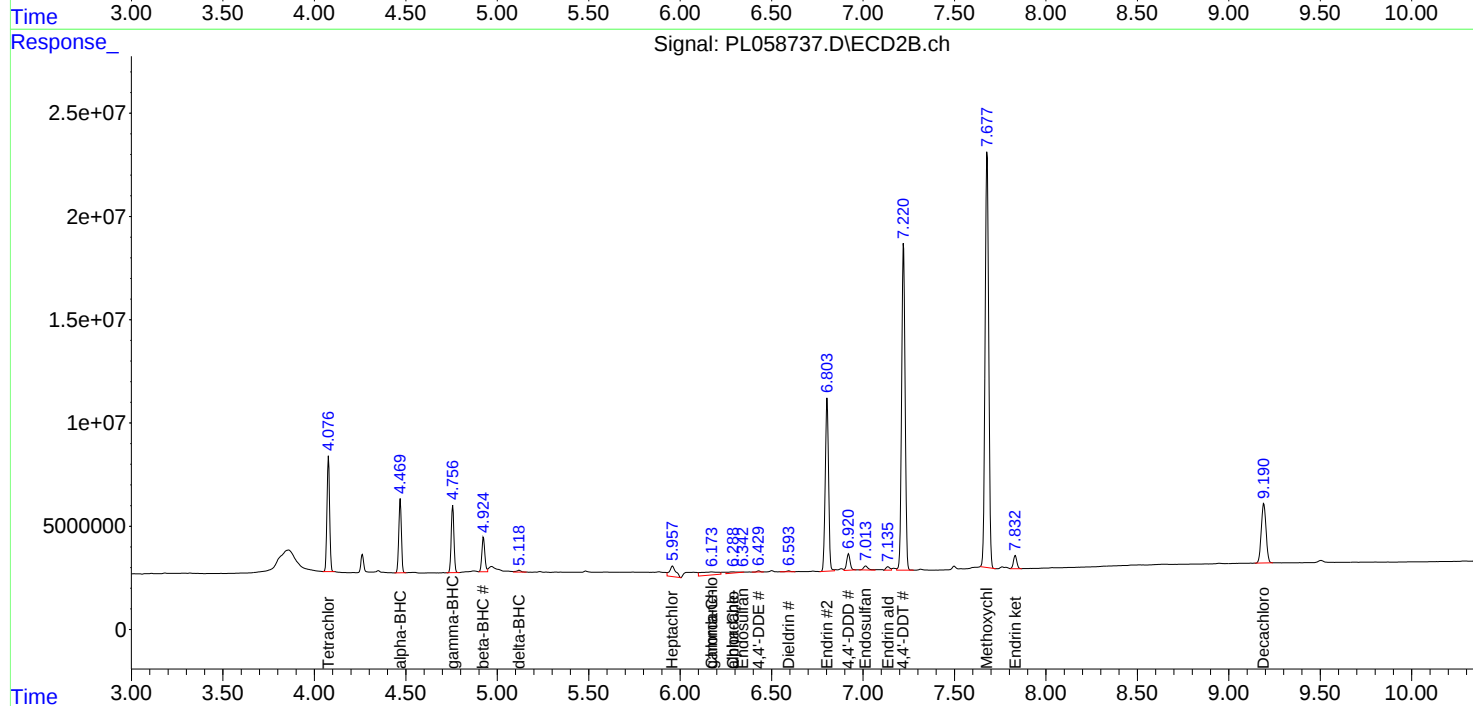
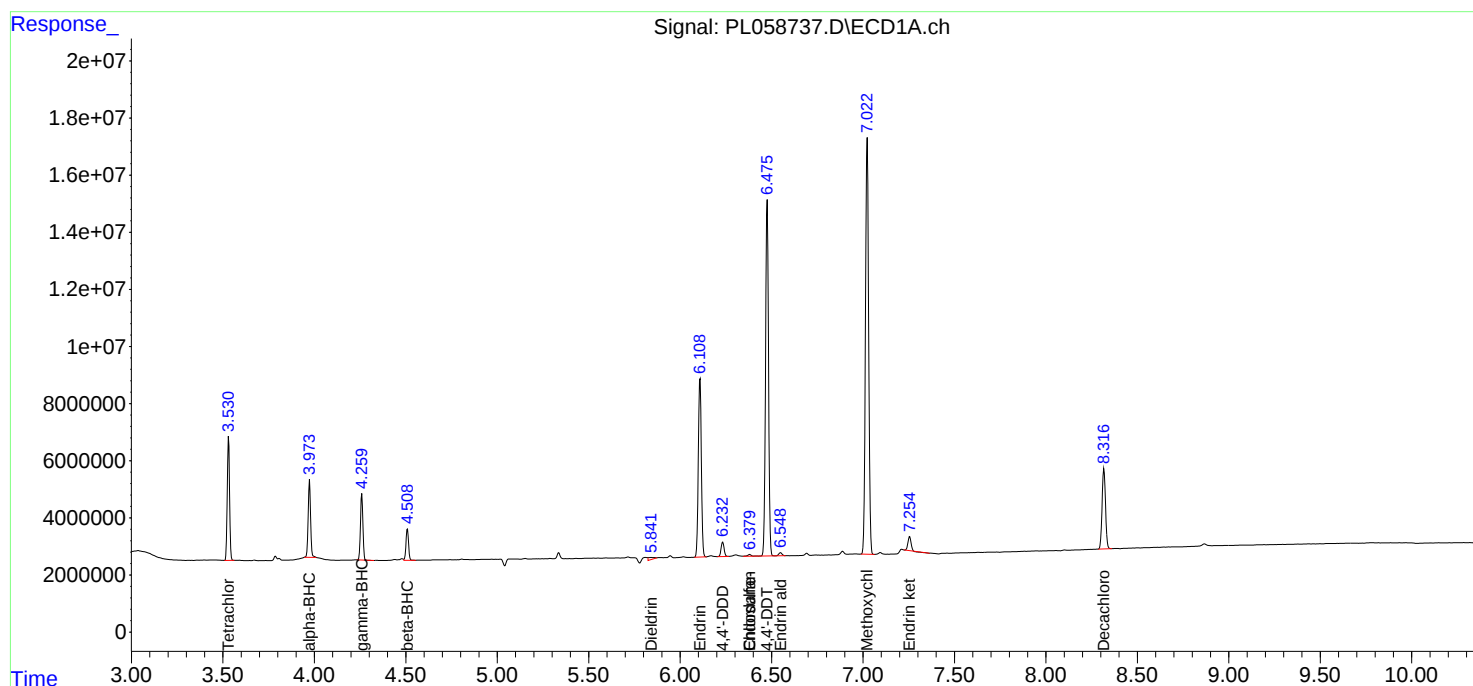
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

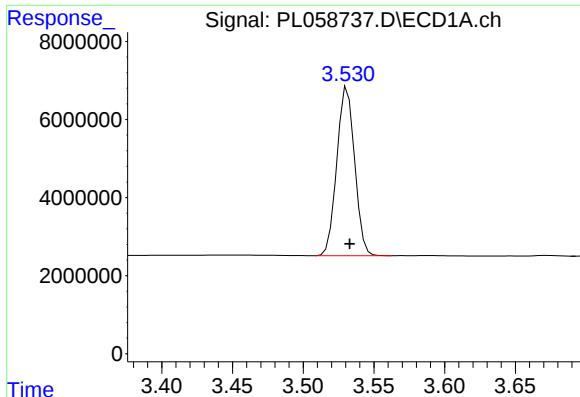
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051520\  
Data File : PL058737.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2020 12:39  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 22:48:04 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
Quant Title : GC Extractables  
QLast Update : Fri May 15 06:18:53 2020  
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

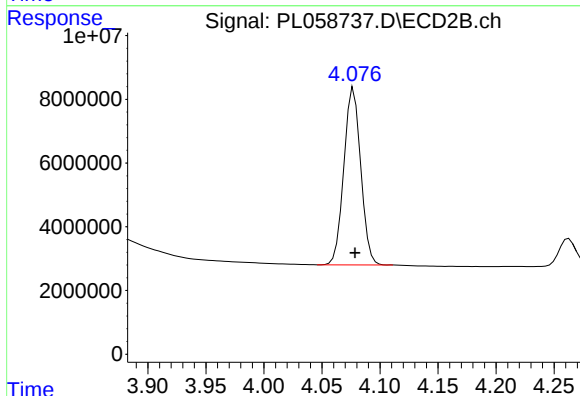




#1 Tetrachloro-m-xylene

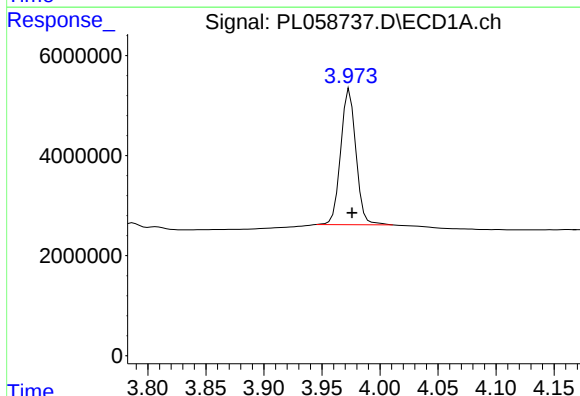
R.T.: 3.531 min  
Delta R.T.: -0.002 min  
Response: 37924455  
Conc: 23.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



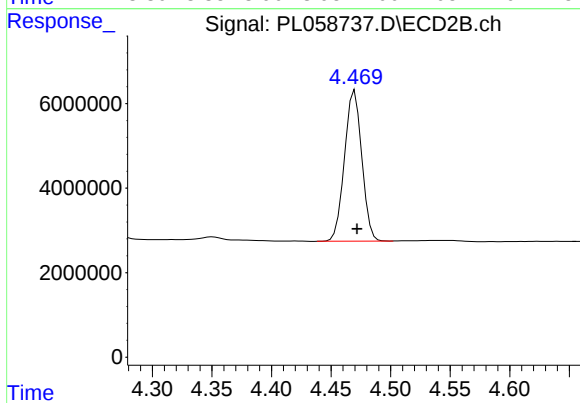
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: -0.001 min  
Response: 56151628  
Conc: 25.94 ng/ml



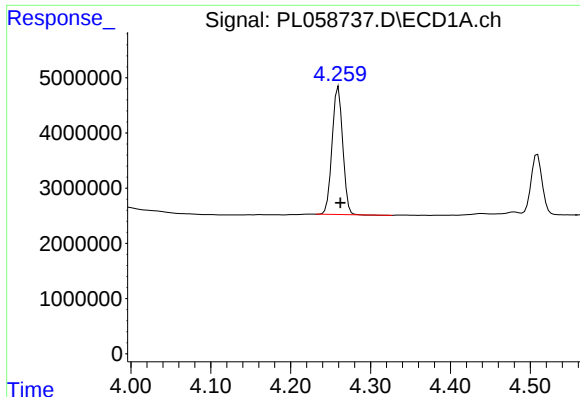
#2 alpha-BHC

R.T.: 3.974 min  
Delta R.T.: -0.002 min  
Response: 24822173  
Conc: 10.78 ng/ml



#2 alpha-BHC

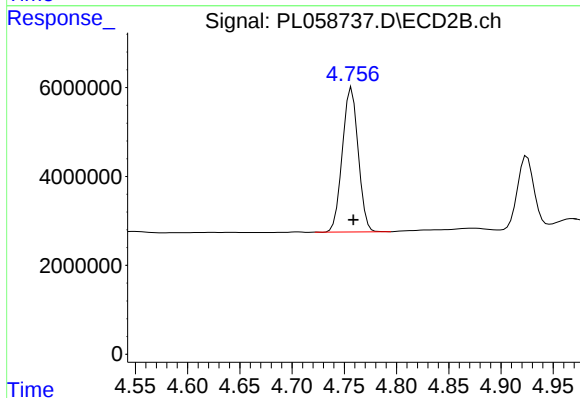
R.T.: 4.470 min  
Delta R.T.: -0.002 min  
Response: 36025553  
Conc: 11.77 ng/ml



#3 gamma-BHC (Lindane)

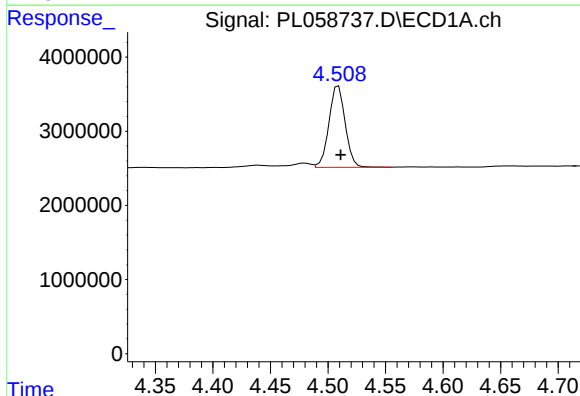
R.T.: 4.260 min  
Delta R.T.: -0.002 min  
Response: 21370950  
Conc: 10.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



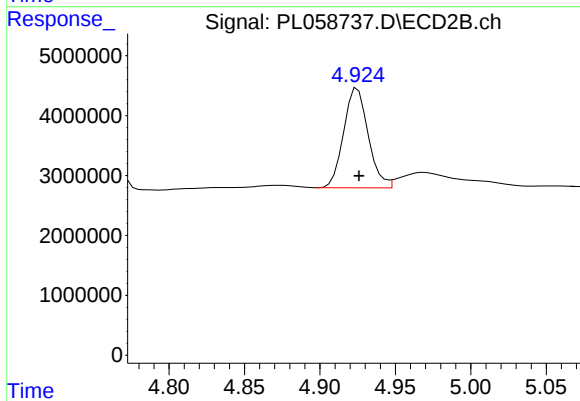
#3 gamma-BHC (Lindane)

R.T.: 4.757 min  
Delta R.T.: -0.002 min  
Response: 34284619  
Conc: 11.69 ng/ml



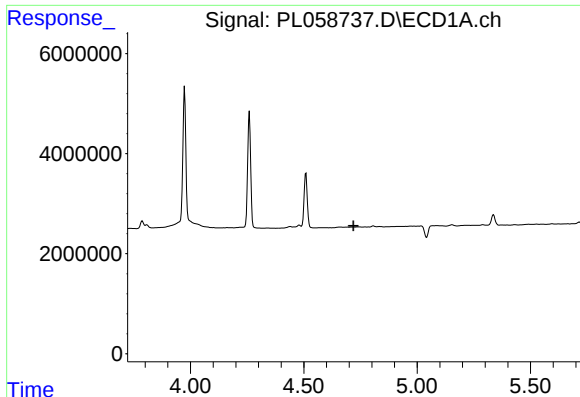
#6 beta-BHC

R.T.: 4.509 min  
Delta R.T.: -0.002 min  
Response: 10784826  
Conc: 12.17 ng/ml



#6 beta-BHC

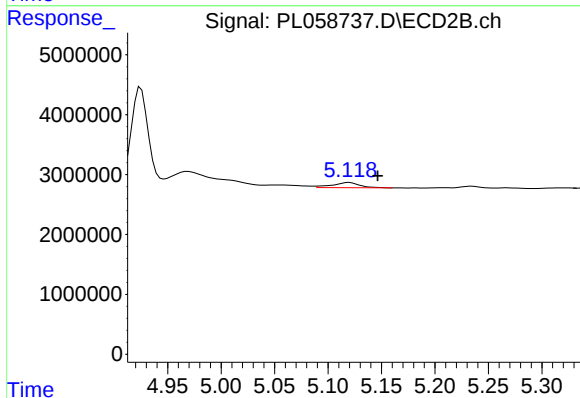
R.T.: 4.925 min  
Delta R.T.: -0.001 min  
Response: 18891568  
Conc: 14.24 ng/ml



#7 delta-BHC

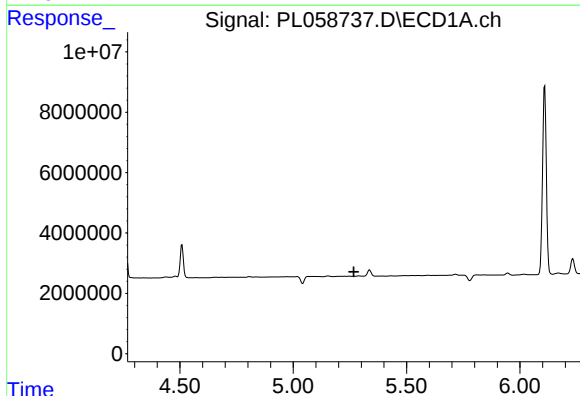
R.T.: 0.000 min  
Exp R.T. : 4.719 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



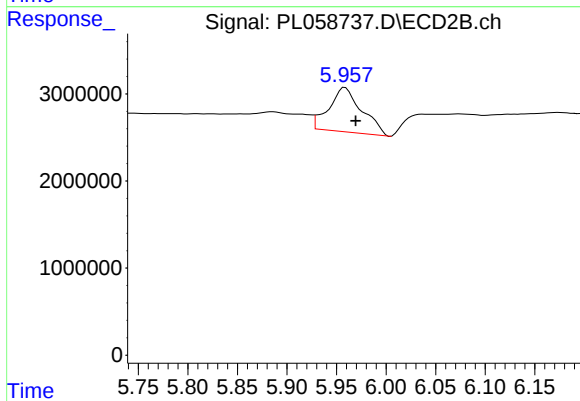
#7 delta-BHC

R.T.: 5.120 min  
Delta R.T.: -0.027 min  
Response: 1529111  
Conc: 0.54 ng/ml



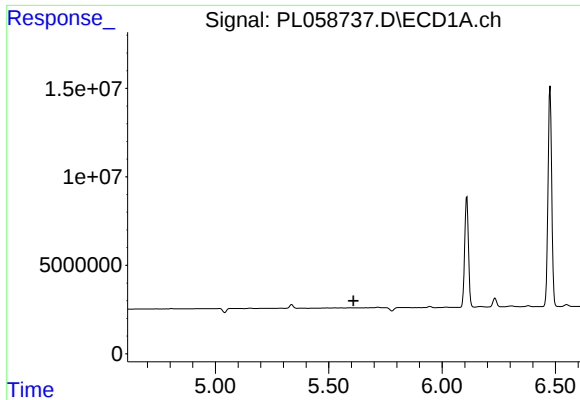
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.268 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

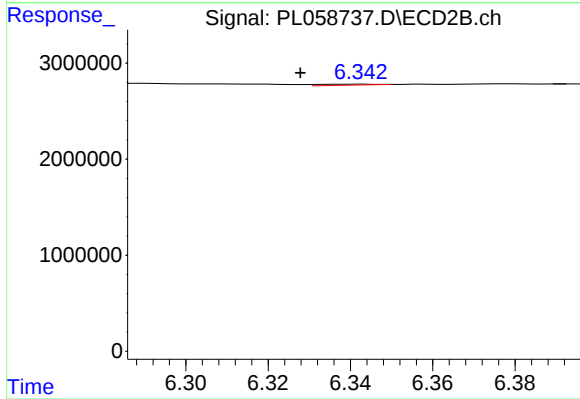
R.T.: 5.959 min  
Delta R.T.: -0.011 min  
Response: 11792394  
Conc: 4.91 ng/ml



#9 Endosulfan I

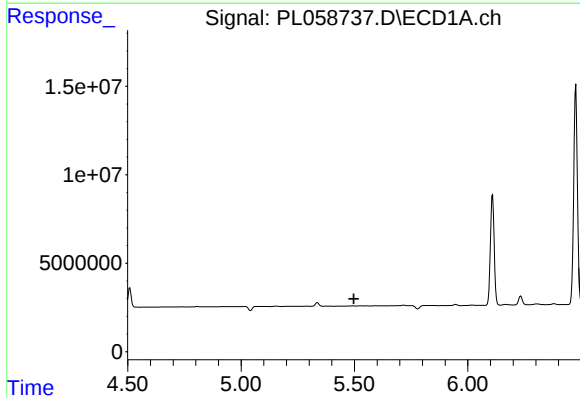
R.T.: 0.000 min  
Exp R.T.: 5.609 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



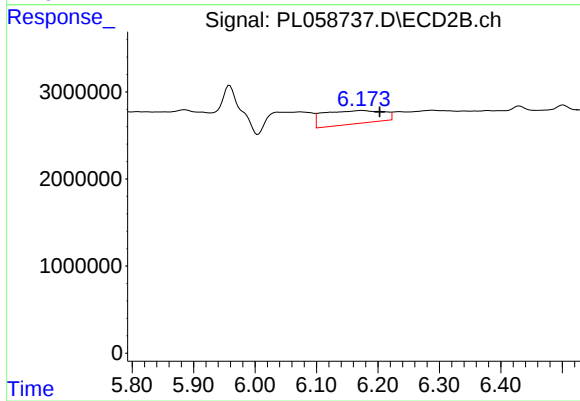
#9 Endosulfan I

R.T.: 6.343 min  
Delta R.T.: 0.015 min  
Response: 97580  
Conc: 0.05 ng/ml



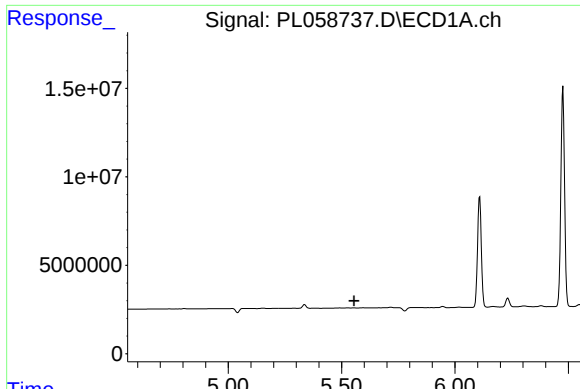
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.497 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

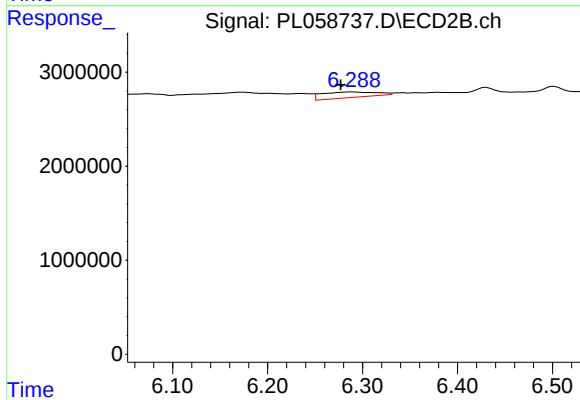
R.T.: 6.174 min  
Delta R.T.: -0.029 min  
Response: 10290447  
Conc: 4.38 ng/ml



#11 alpha-Chlordane

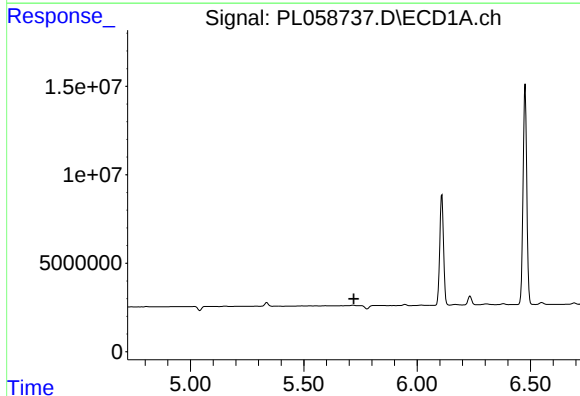
R.T.: 0.000 min  
Exp R.T.: 5.556 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



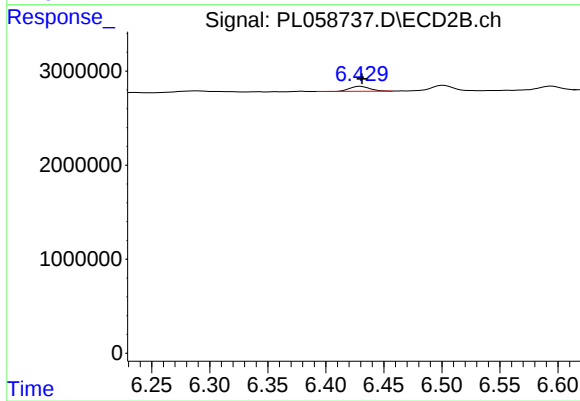
#11 alpha-Chlordane

R.T.: 6.289 min  
Delta R.T.: 0.012 min  
Response: 2356443  
Conc: 1.01 ng/ml



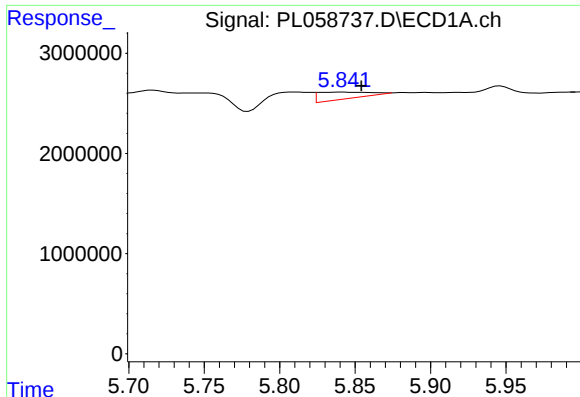
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.720 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

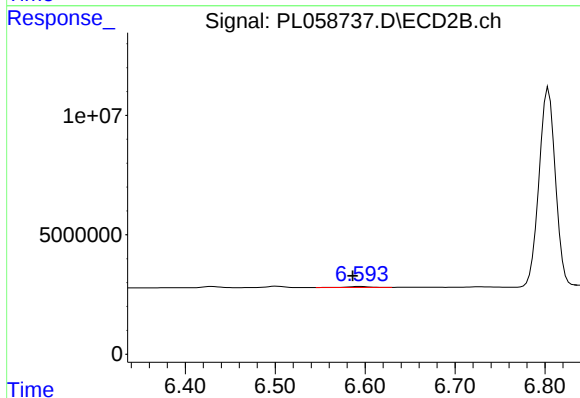
R.T.: 6.430 min  
Delta R.T.: -0.001 min  
Response: 618863  
Conc: 0.30 ng/ml



#13 Dieldrin

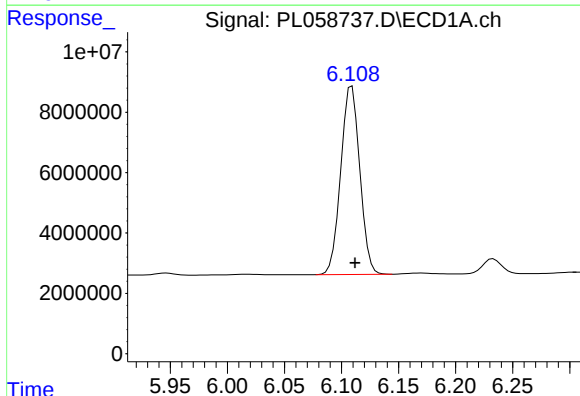
R.T.: 5.842 min  
Delta R.T.: -0.012 min  
Response: 1583243  
Conc: 1.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



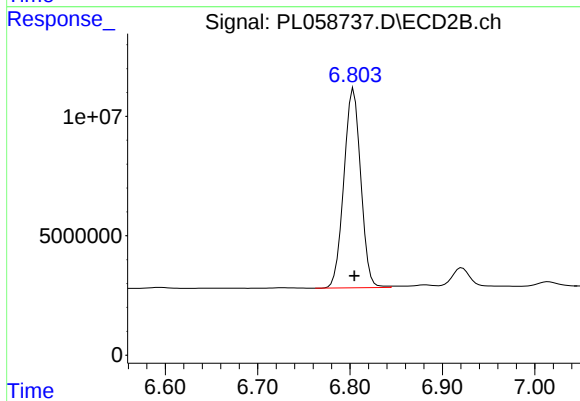
#13 Dieldrin

R.T.: 6.595 min  
Delta R.T.: 0.009 min  
Response: 647845  
Conc: 0.30 ng/ml



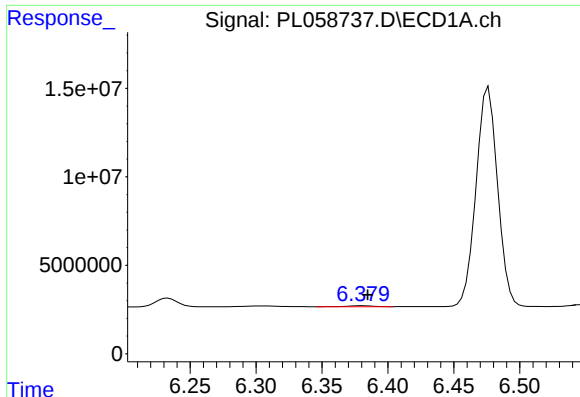
#14 Endrin

R.T.: 6.109 min  
Delta R.T.: -0.003 min  
Response: 72444532  
Conc: 55.76 ng/ml



#14 Endrin

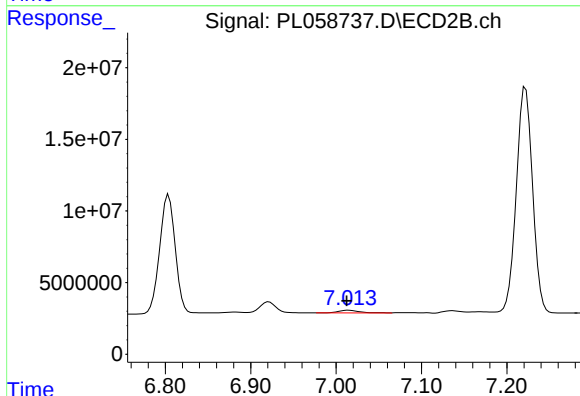
R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 105842231  
Conc: 58.36 ng/ml



#15 Endosulfan II

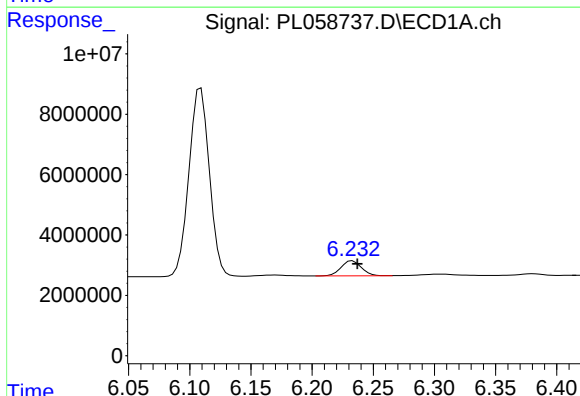
R.T.: 6.381 min  
Delta R.T.: -0.004 min  
Response: 827883  
Conc: 0.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



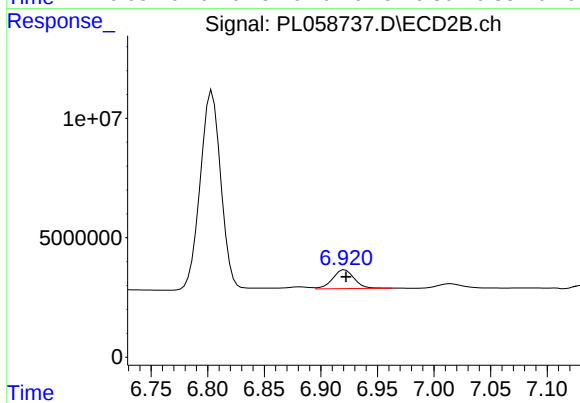
#15 Endosulfan II

R.T.: 7.015 min  
Delta R.T.: 0.002 min  
Response: 3263796  
Conc: 1.63 ng/ml



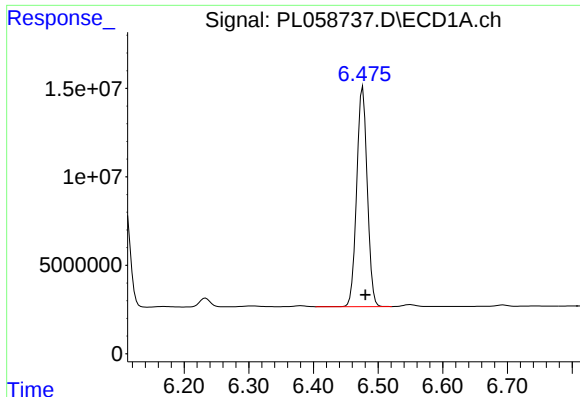
#16 4,4'-DDD

R.T.: 6.233 min  
Delta R.T.: -0.004 min  
Response: 5834701  
Conc: 4.95 ng/ml



#16 4,4'-DDD

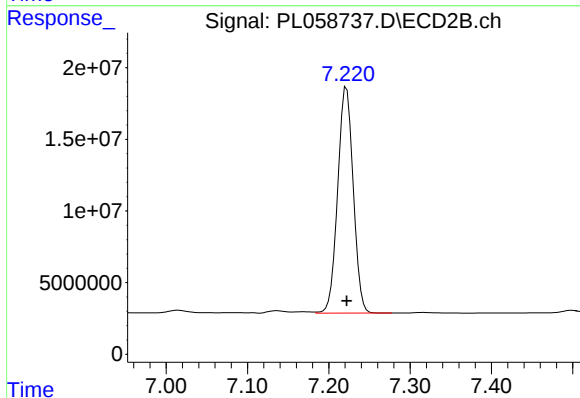
R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 10468658  
Conc: 5.98 ng/ml



#17 4,4'-DDT

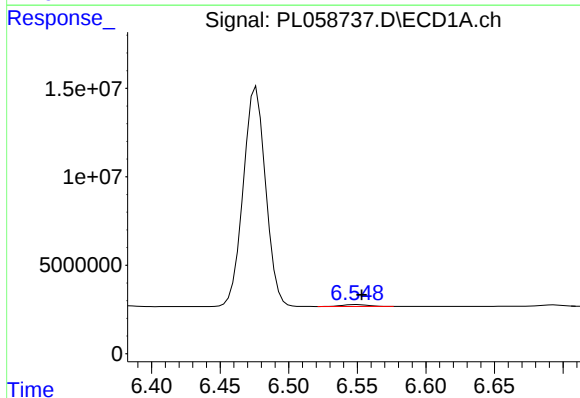
R.T.: 6.476 min  
Delta R.T.: -0.004 min  
Response: 141043179  
Conc: 115.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



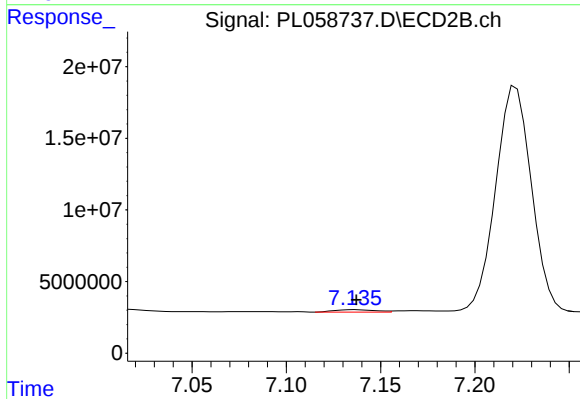
#17 4,4'-DDT

R.T.: 7.222 min  
Delta R.T.: 0.000 min  
Response: 209402595  
Conc: 123.72 ng/ml



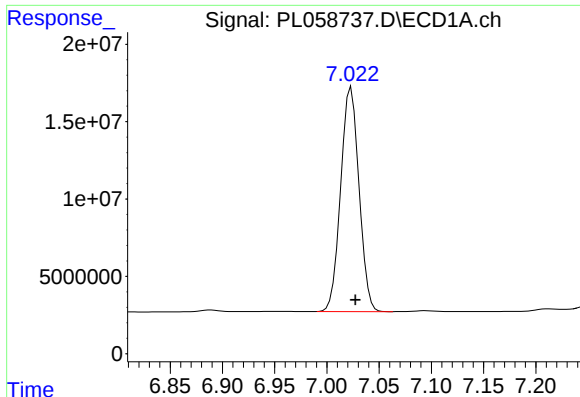
#18 Endrin aldehyde

R.T.: 6.549 min  
Delta R.T.: -0.004 min  
Response: 1351273  
Conc: 1.15 ng/ml



#18 Endrin aldehyde

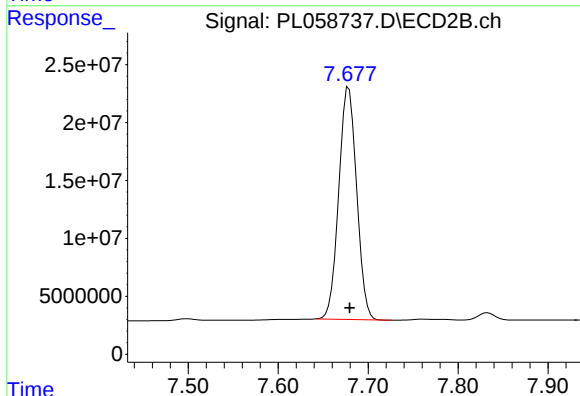
R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 2495021  
Conc: 1.46 ng/ml



#20 Methoxychlor

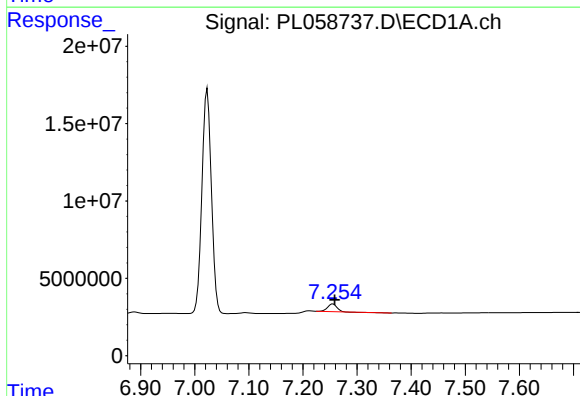
R.T.: 7.023 min  
Delta R.T.: -0.004 min  
Response: 176822290  
Conc: 272.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



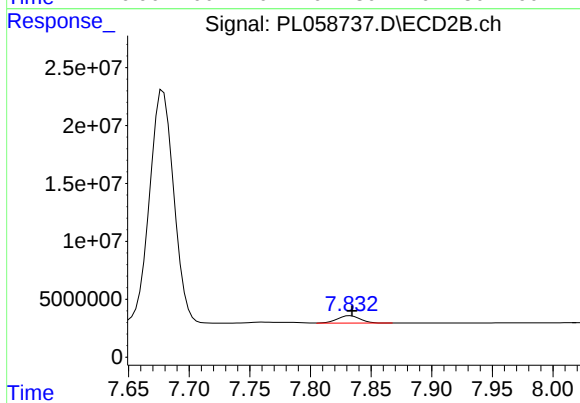
#20 Methoxychlor

R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 277380263  
Conc: 282.41 ng/ml



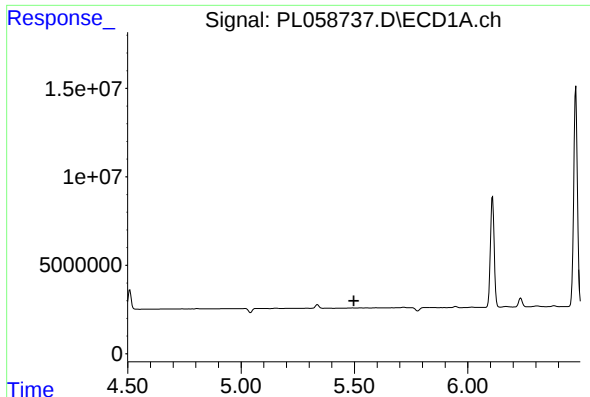
#21 Endrin ketone

R.T.: 7.256 min  
Delta R.T.: -0.004 min  
Response: 5705559  
Conc: 3.85 ng/ml



#21 Endrin ketone

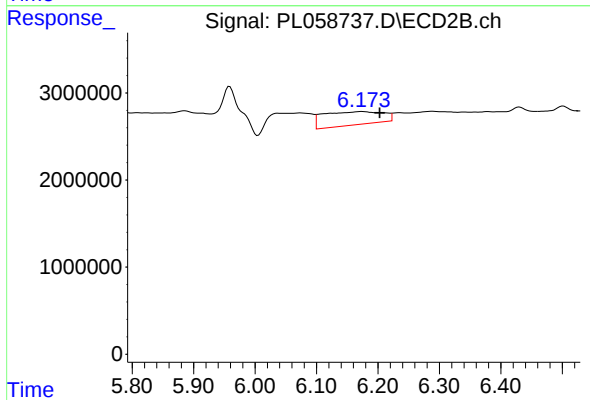
R.T.: 7.833 min  
Delta R.T.: -0.001 min  
Response: 8331696  
Conc: 4.14 ng/ml



#25 Chlordane-3

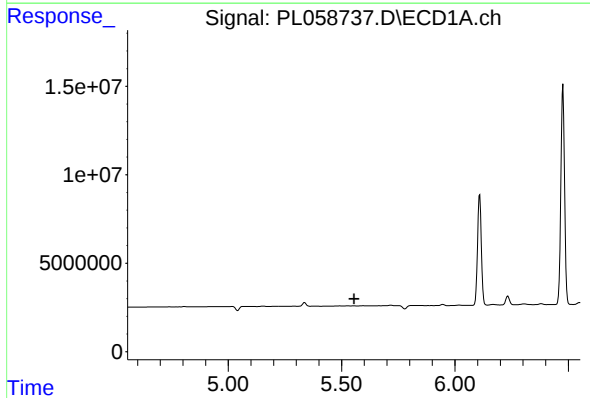
R.T.: 0.000 min  
Exp R.T.: 5.497 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



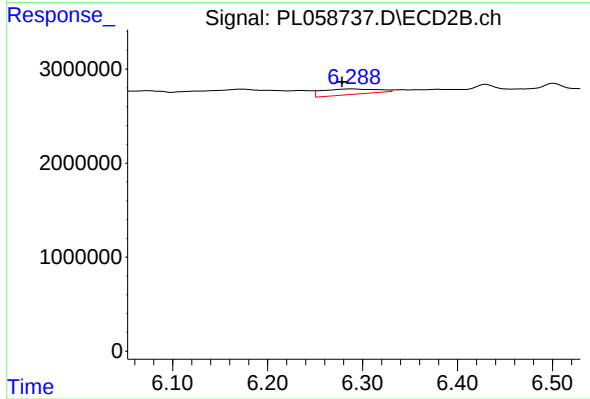
#25 Chlordane-3

R.T.: 6.174 min  
Delta R.T.: -0.028 min  
Response: 10290447  
Conc: 33.97 ng/ml



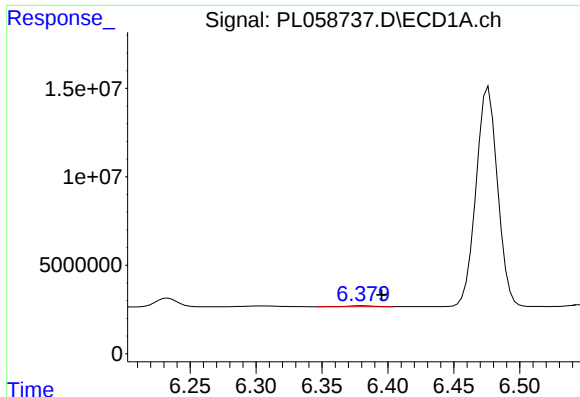
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.555 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

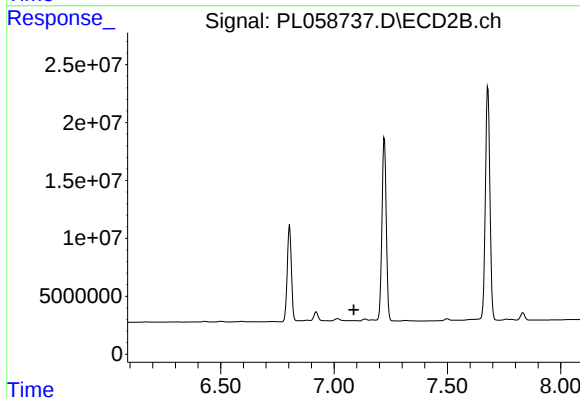
R.T.: 6.289 min  
Delta R.T.: 0.011 min  
Response: 2356443  
Conc: 6.47 ng/ml



#27 Chlordane-5

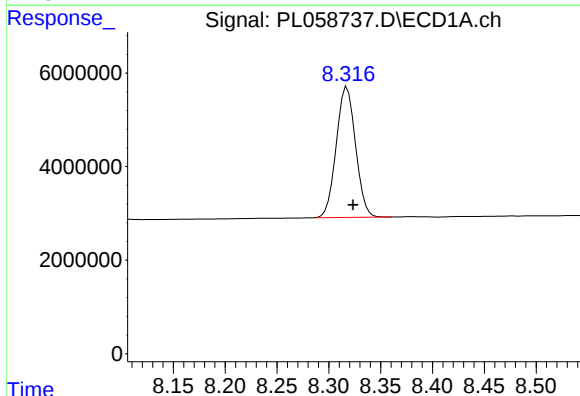
R.T.: 6.381 min  
Delta R.T.: -0.015 min  
Response: 827883  
Conc: 16.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



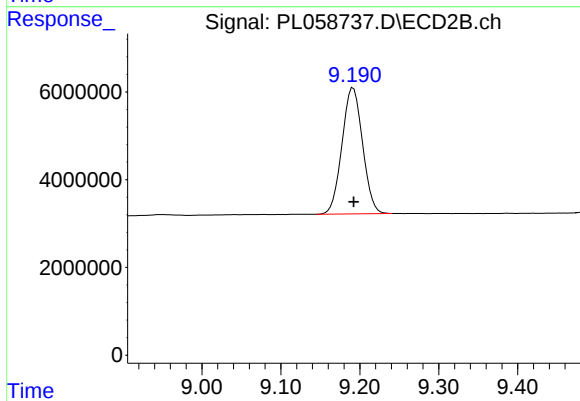
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.087 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.318 min  
Delta R.T.: -0.006 min  
Response: 36200870  
Conc: 27.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.192 min  
Delta R.T.: 0.000 min  
Response: 52172214  
Conc: 29.52 ng/ml