

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052219\  
 Data File : PL048821.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2019 09:32  
 Operator : SM\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 01:04:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 2019  
 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... | 3.327  | 3.938 | 215.0E6  | 58930561 | 22.191  | 23.658   |
| 28)                         | SA Decachlor... | 7.994  | 8.972 | 237.5E6  | 66159068 | 23.625  | 24.925   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.754  | 4.326 | 157.2E6  | 36569099 | 10.163  | 10.413   |
| 3)                          | MA gamma-BHC... | 4.030  | 4.609 | 147.2E6  | 35547737 | 10.361  | 10.884   |
| 6)                          | B beta-BHC      | 4.284  | 4.784 | 66609155 | 16768219 | 11.287  | 10.776   |
| 8)                          | B Heptachlo...  | 0.000  | 5.799 | 0        | 32170649 | N.D.    | 11.030 # |
| 13)                         | MA Dieldrin     | 5.532f | 0.000 | 27597773 | 0        | 2.120   | N.D. #   |
| 14)                         | MA Endrin       | 5.813  | 6.631 | 603.2E6  | 132.5E6  | 49.547  | 50.835   |
| 15)                         | B Endosulfa...  | 6.093  | 0.000 | 6872550  | 0        | 0.596   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 5.947  | 6.756 | 26321207 | 7029107  | 2.704   | 3.132    |
| 17)                         | MA 4,4'-DDT     | 6.181  | 7.054 | 1076.2E6 | 264.4E6  | 107.125 | 112.664  |
| 18)                         | B Endrin al...  | 6.253  | 0.000 | 13239083 | 0        | 1.362   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.727  | 7.514 | 1327.2E6 | 353.3E6  | 243.754 | 258.815  |
| 21)                         | B Endrin ke...  | 6.945  | 7.656 | 58745166 | 7687987  | 5.040   | 2.942 #  |
| 27)                         | Chlordane-5     | 6.093  | 0.000 | 6872550  | 0        | 14.636  | N.D. #   |
| -----                       |                 |        |       |          |          |         |          |

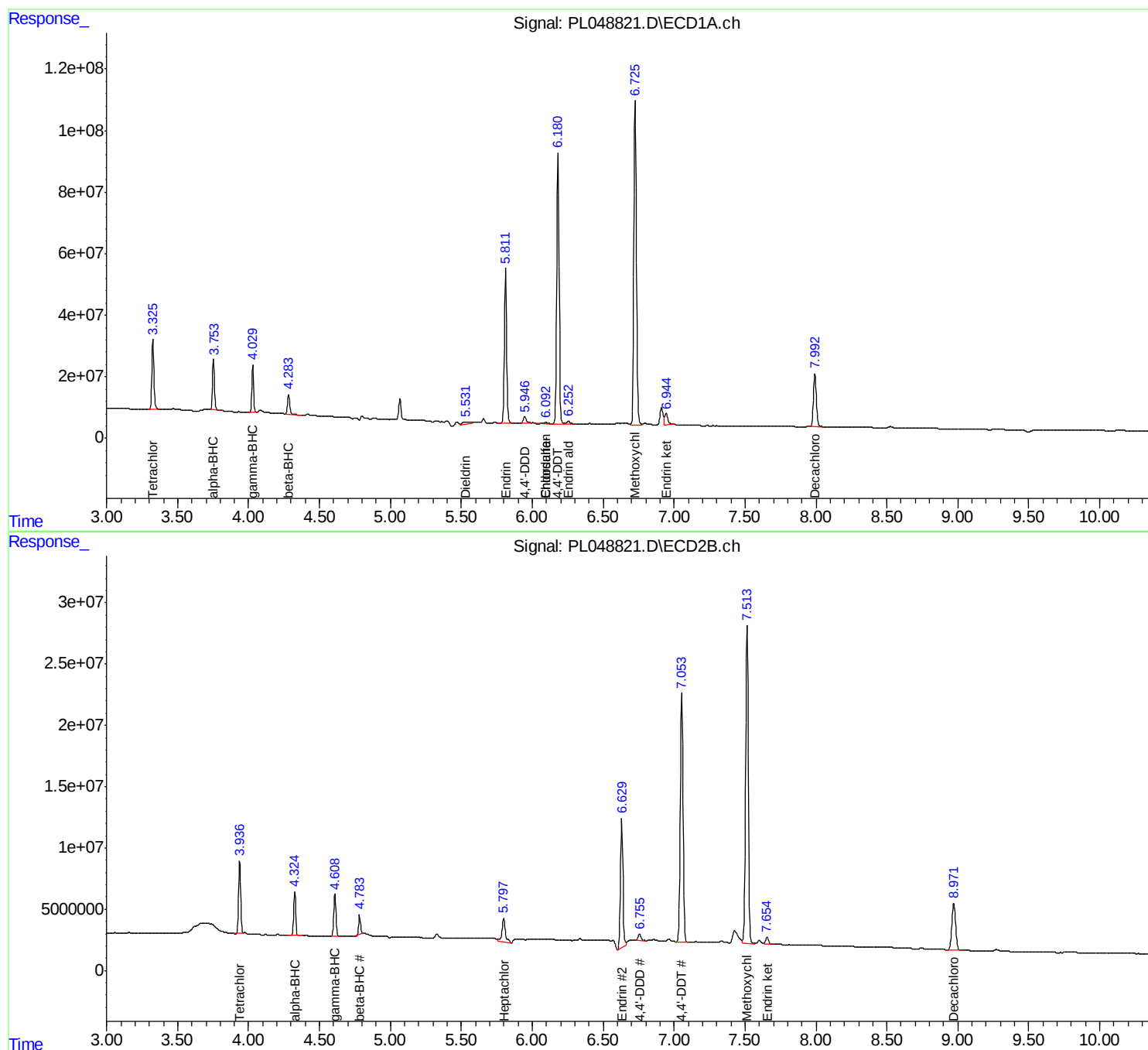
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

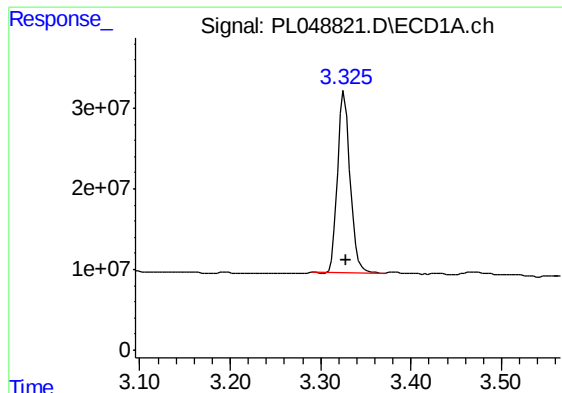
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052219\  
Data File : PL048821.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 May 2019 09:32  
Operator : SM\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 01:04:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 2019  
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Integrator: ChemStation

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

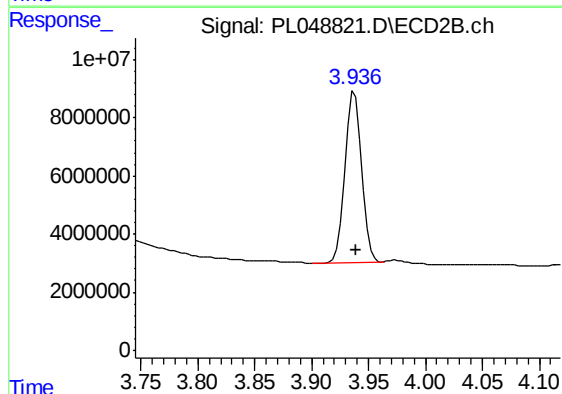




#1 Tetrachloro-m-xylene

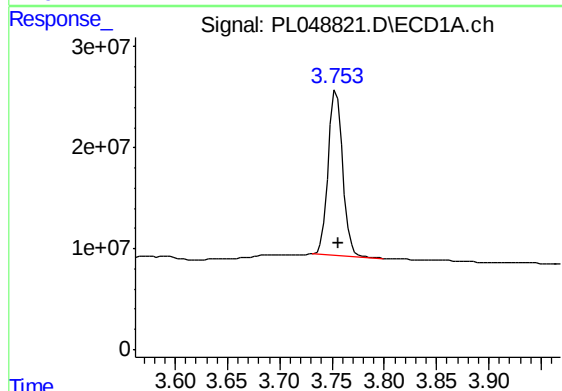
R.T.: 3.327 min  
Delta R.T.: -0.001 min  
Response: 214962358  
Conc: 22.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



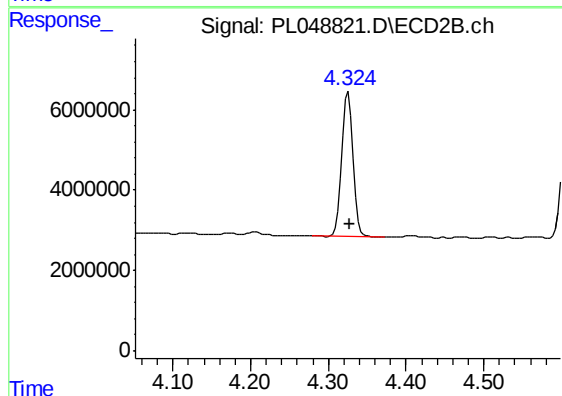
#1 Tetrachloro-m-xylene

R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 58930561  
Conc: 23.66 ng/ml



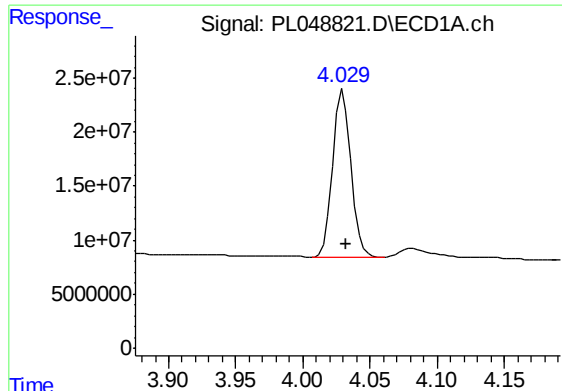
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.002 min  
Response: 157198269  
Conc: 10.16 ng/ml



#2 alpha-BHC

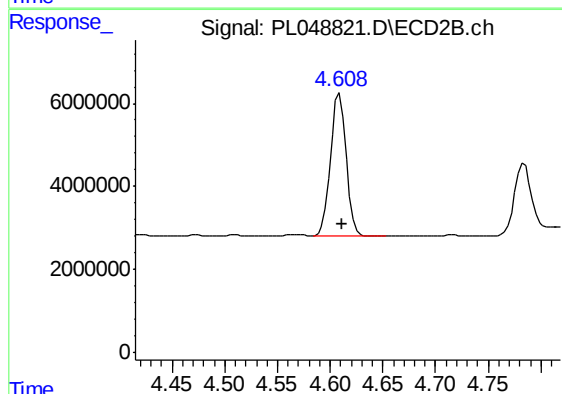
R.T.: 4.326 min  
Delta R.T.: -0.002 min  
Response: 36569099  
Conc: 10.41 ng/ml



#3 gamma-BHC (Lindane)

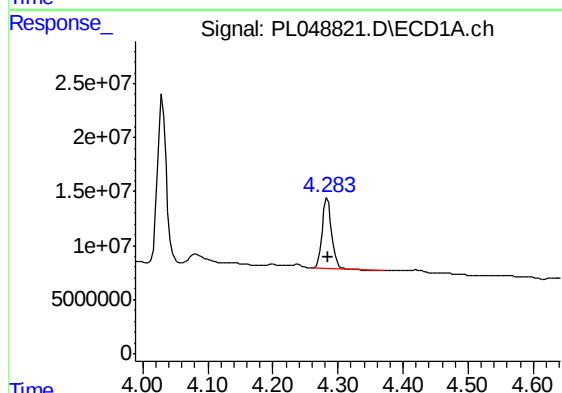
R.T.: 4.030 min  
Delta R.T.: -0.002 min  
Response: 147221050  
Conc: 10.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



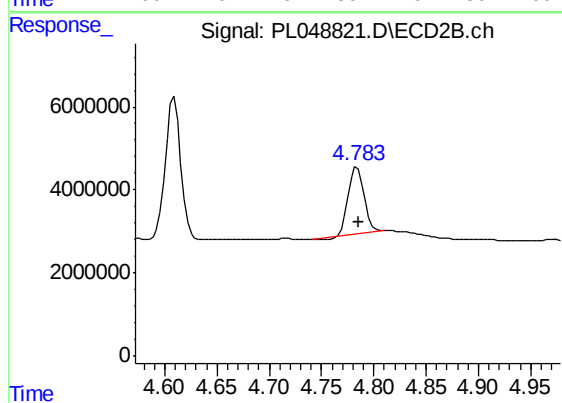
#3 gamma-BHC (Lindane)

R.T.: 4.609 min  
Delta R.T.: -0.003 min  
Response: 35547737  
Conc: 10.88 ng/ml



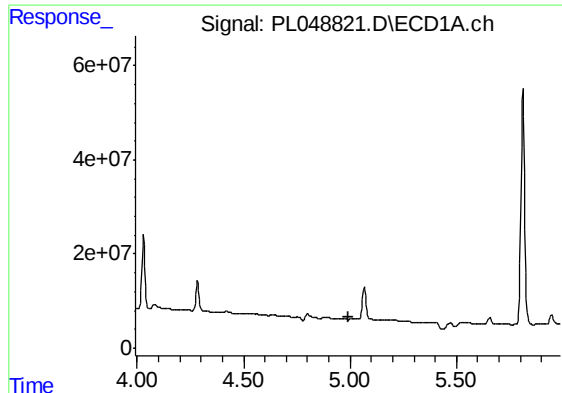
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.001 min  
Response: 66609155  
Conc: 11.29 ng/ml



#6 beta-BHC

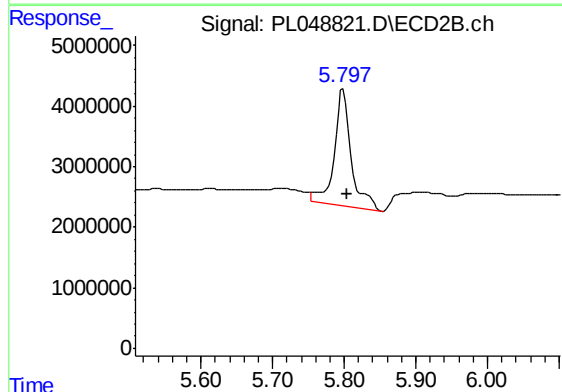
R.T.: 4.784 min  
Delta R.T.: -0.002 min  
Response: 16768219  
Conc: 10.78 ng/ml



#8 Heptachlor epoxide

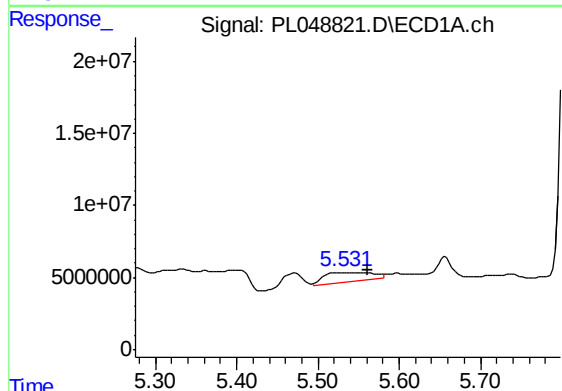
R.T.: 0.000 min  
Exp R.T.: 4.992 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



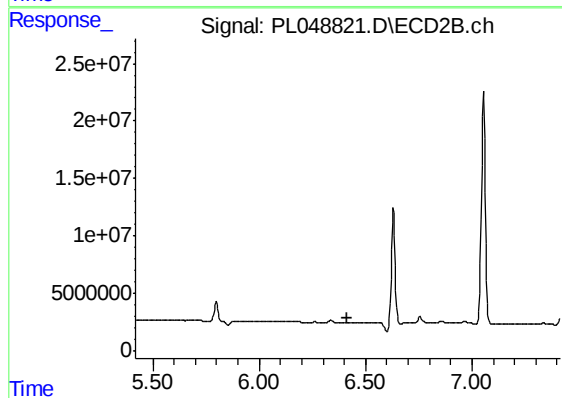
#8 Heptachlor epoxide

R.T.: 5.799 min  
Delta R.T.: -0.006 min  
Response: 32170649  
Conc: 11.03 ng/ml



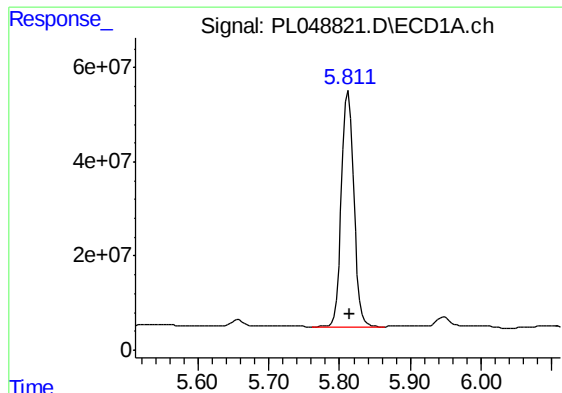
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: -0.030 min  
Response: 27597773  
Conc: 2.12 ng/ml



#13 Dieldrin

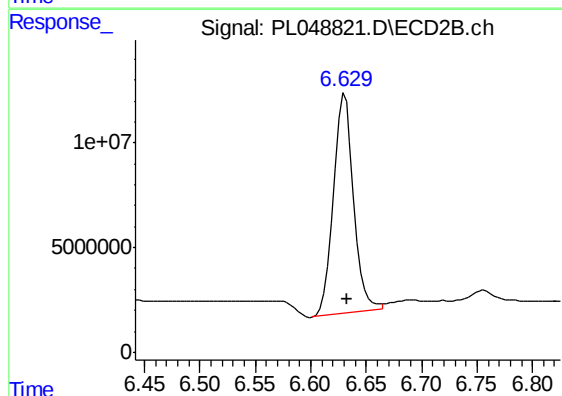
R.T.: 0.000 min  
Exp R.T.: 6.416 min  
Response: 0  
Conc: N.D.



#14 Endrin

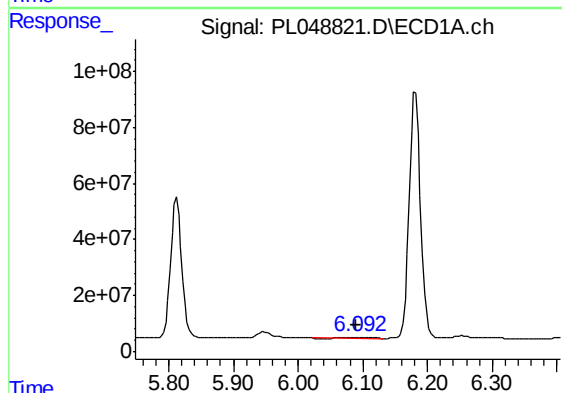
R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 603181840  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



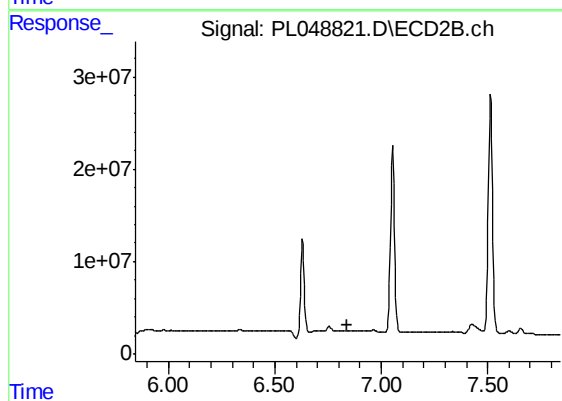
#14 Endrin

R.T.: 6.631 min  
Delta R.T.: -0.002 min  
Response: 132548669  
Conc: 50.84 ng/ml



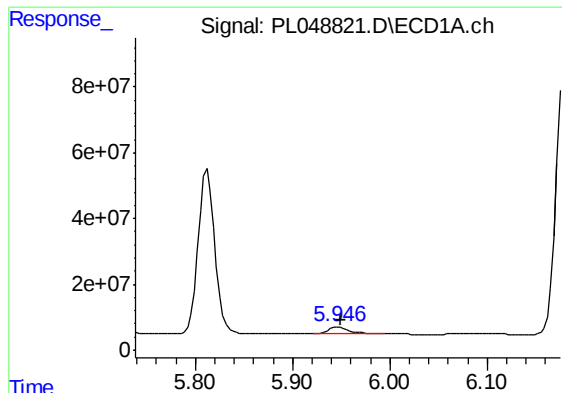
#15 Endosulfan II

R.T.: 6.093 min  
Delta R.T.: 0.004 min  
Response: 6872550  
Conc: 0.60 ng/ml



#15 Endosulfan II

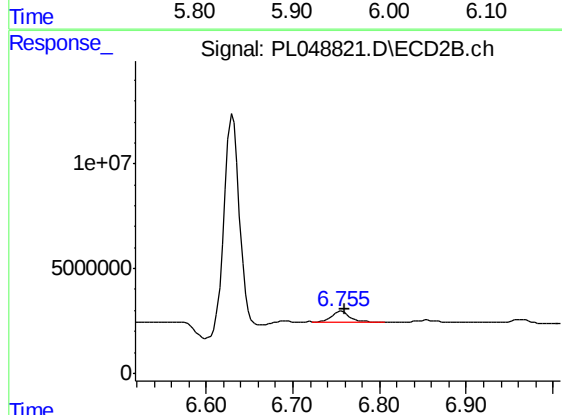
R.T.: 0.000 min  
Exp R.T. : 6.843 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

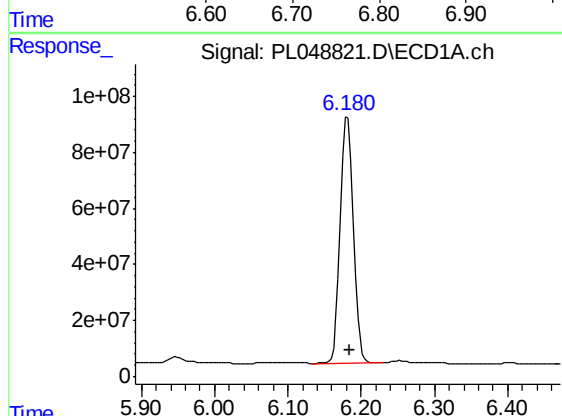
R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 26321207  
Conc: 2.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



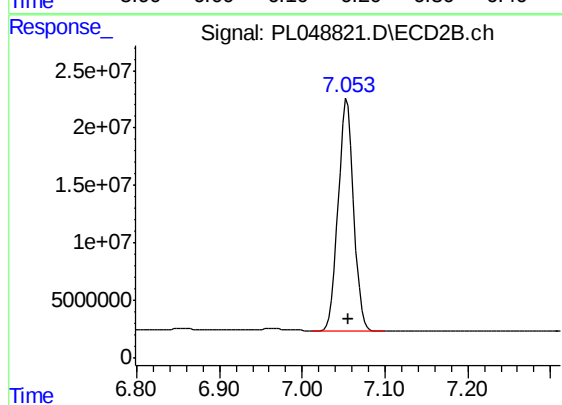
#16 4,4'-DDD

R.T.: 6.756 min  
Delta R.T.: -0.003 min  
Response: 7029107  
Conc: 3.13 ng/ml



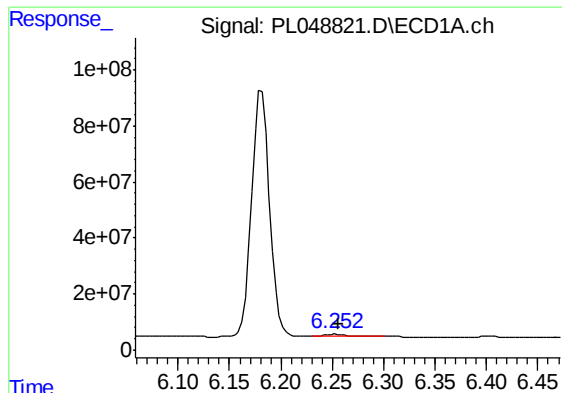
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: -0.002 min  
Response: 1076227260  
Conc: 107.12 ng/ml



#17 4,4'-DDT

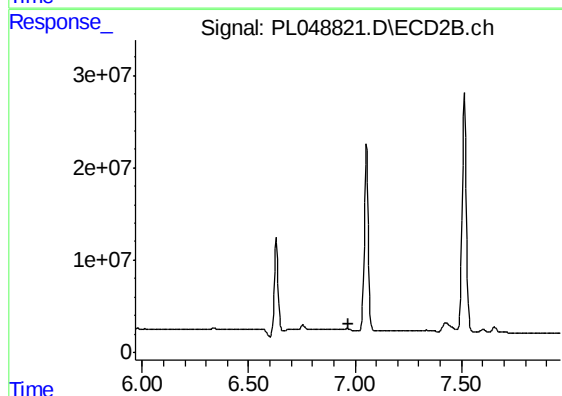
R.T.: 7.054 min  
Delta R.T.: -0.002 min  
Response: 264379934  
Conc: 112.66 ng/ml



#18 Endrin aldehyde

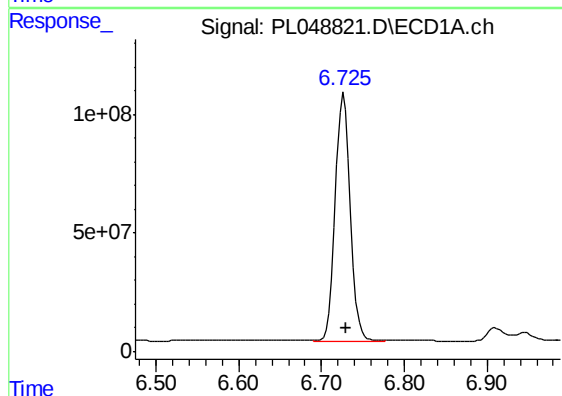
R.T.: 6.253 min  
Delta R.T.: -0.003 min  
Response: 13239083  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



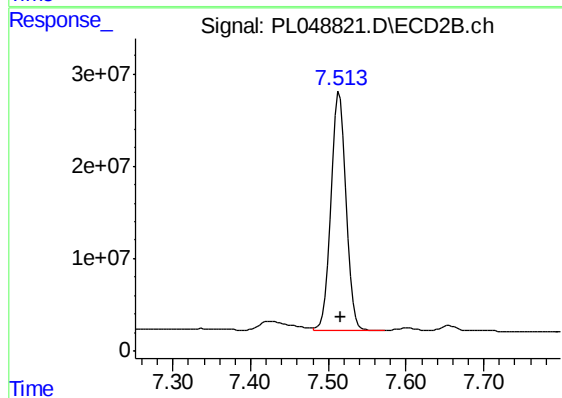
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.967 min  
Response: 0  
Conc: N.D.



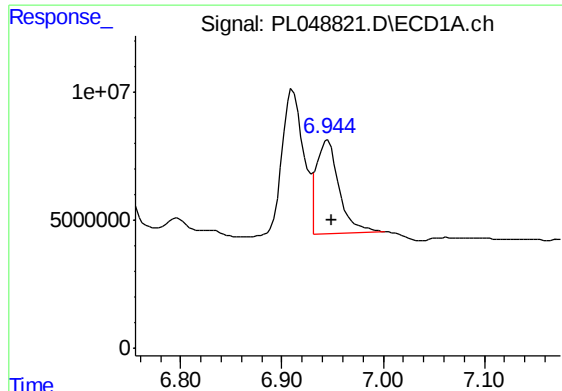
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: -0.002 min  
Response: 1327176181  
Conc: 243.75 ng/ml



#20 Methoxychlor

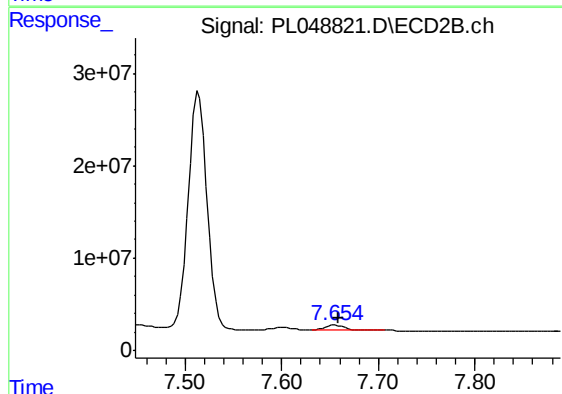
R.T.: 7.514 min  
Delta R.T.: -0.002 min  
Response: 353329034  
Conc: 258.82 ng/ml



#21 Endrin ketone

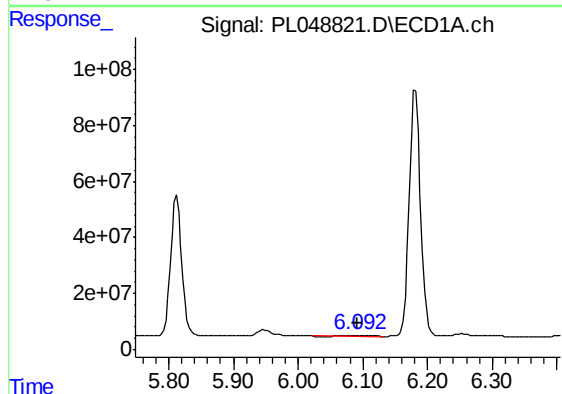
R.T.: 6.945 min  
Delta R.T.: -0.004 min  
Response: 58745166  
Conc: 5.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



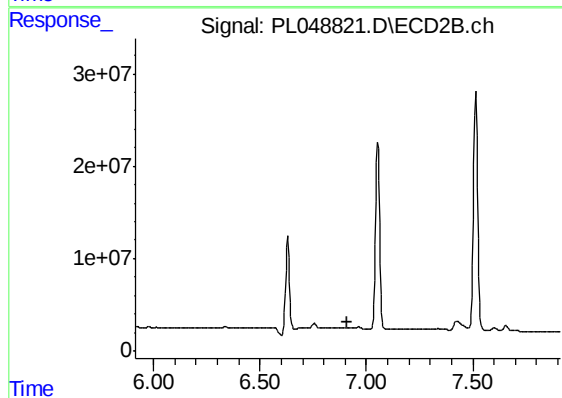
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: -0.002 min  
Response: 7687987  
Conc: 2.94 ng/ml



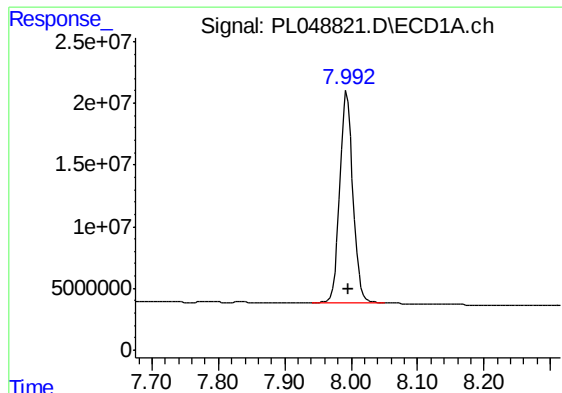
#27 Chlordane-5

R.T.: 6.093 min  
Delta R.T.: 0.002 min  
Response: 6872550  
Conc: 14.64 ng/ml



#27 Chlordane-5

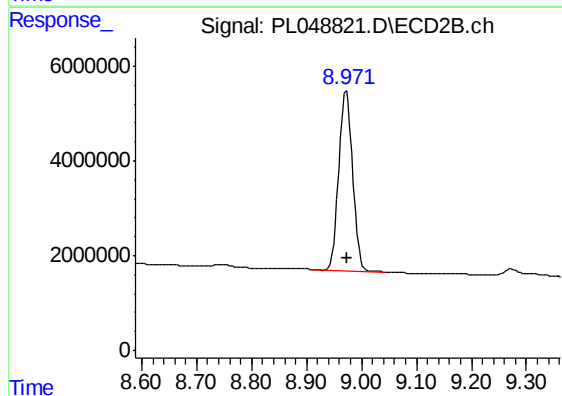
R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.002 min  
Response: 237526831  
Conc: 23.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 8.972 min  
Delta R.T.: -0.003 min  
Response: 66159068  
Conc: 24.93 ng/ml