

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121919\  
 Data File : PL055105.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2019 09:33  
 Operator : SG\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: Dec 20 03:51:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 18 14:58:42 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... | 3.535  | 4.048 | 214.3E6  | 52815900 | 18.417  | 20.697  |
| 28)                         | SA Decachlor... | 8.312  | 9.145 | 183.1E6  | 45937158 | 19.126  | 19.161  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.977  | 4.439 | 169.4E6  | 35458229 | 8.923   | 10.009  |
| 3)                          | MA gamma-BHC... | 4.264  | 4.724 | 147.5E6  | 33178319 | 8.655   | 10.176  |
| 6)                          | B beta-BHC      | 4.514  | 4.895 | 69102469 | 14741184 | 9.317   | 10.468  |
| 11)                         | B alpha-Chl...  | 5.541f | 0.000 | 6198354  | 0        | 0.420   | N.D. #  |
| 12)                         | B 4,4'-DDE      | 5.715  | 0.000 | 4799832  | 0        | 0.361   | N.D. #  |
| 14)                         | MA Endrin       | 6.109  | 6.760 | 535.2E6  | 88704789 | 42.028  | 40.040  |
| 16)                         | A 4,4'-DDD      | 6.232  | 6.881 | 37262810 | 8156266  | 3.815   | 4.248   |
| 17)                         | MA 4,4'-DDT     | 6.475  | 7.181 | 975.0E6  | 178.9E6  | 93.064  | 90.299  |
| 18)                         | B Endrin al...  | 6.550  | 7.094 | 16352095 | 3100260  | 1.651   | 1.582   |
| 20)                         | A Methoxychlor  | 7.019  | 7.641 | 1095.9E6 | 222.9E6  | 218.666 | 195.372 |
| 21)                         | B Endrin ke...  | 7.258  | 7.792 | 39997403 | 8747113  | 3.680   | 3.886   |
| 26)                         | Chlordane-4     | 5.541  | 0.000 | 6198354  | 0        | 5.591   | N.D. #  |
| -----                       |                 |        |       |          |          |         |         |

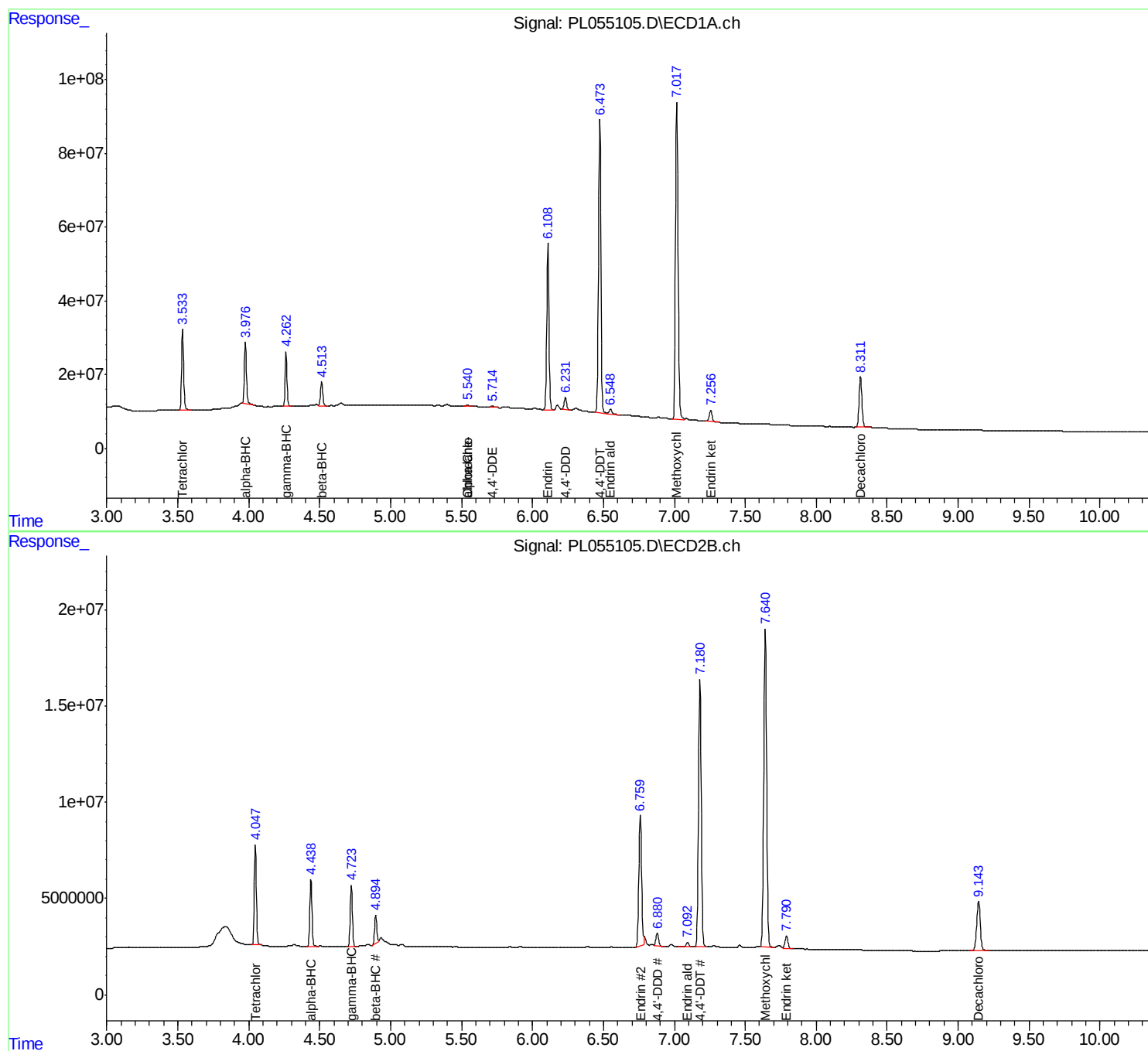
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

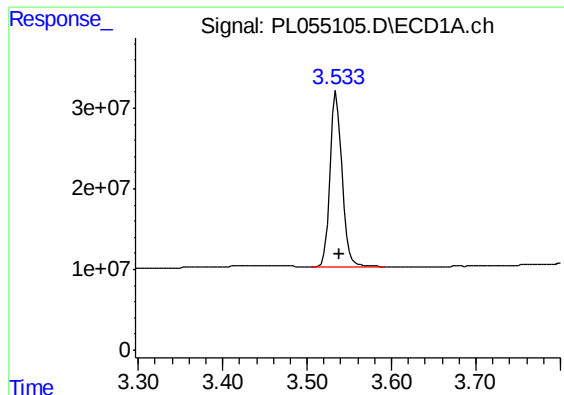
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121919\  
Data File : PL055105.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Dec 2019 09:33  
Operator : SG\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 03:51:50 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

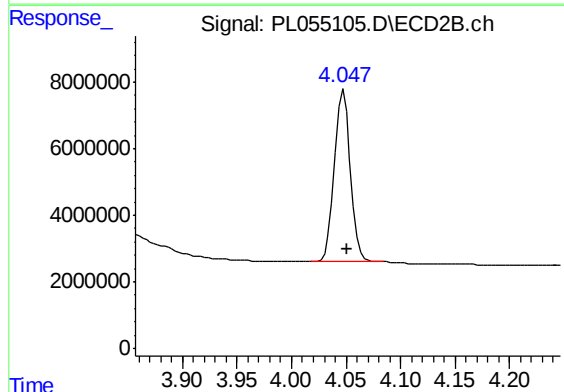




#1 Tetrachloro-m-xylene

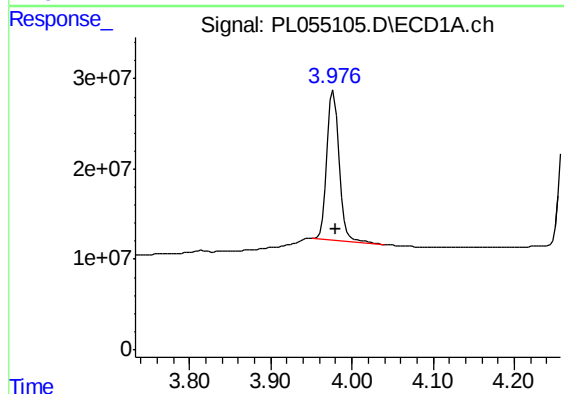
R.T.: 3.535 min  
Delta R.T.: -0.003 min  
Response: 214265876  
Conc: 18.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



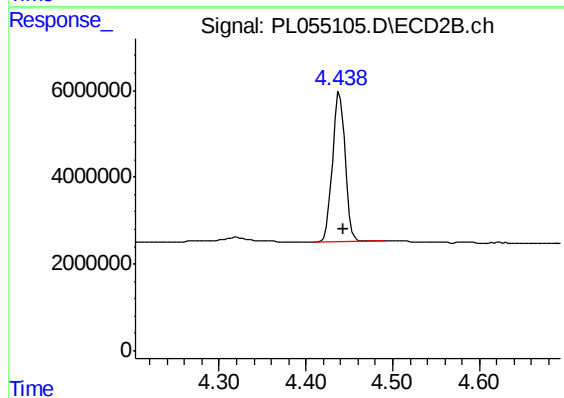
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: -0.003 min  
Response: 52815900  
Conc: 20.70 ng/ml



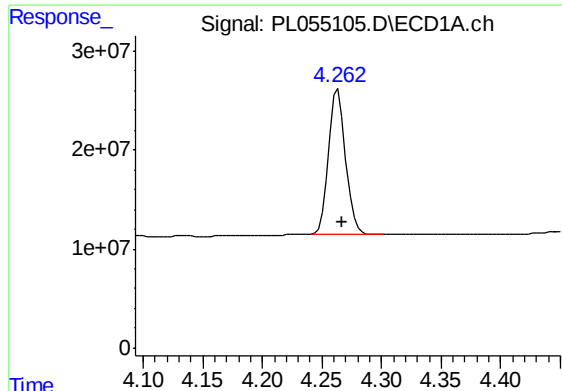
#2 alpha-BHC

R.T.: 3.977 min  
Delta R.T.: -0.003 min  
Response: 169403908  
Conc: 8.92 ng/ml



#2 alpha-BHC

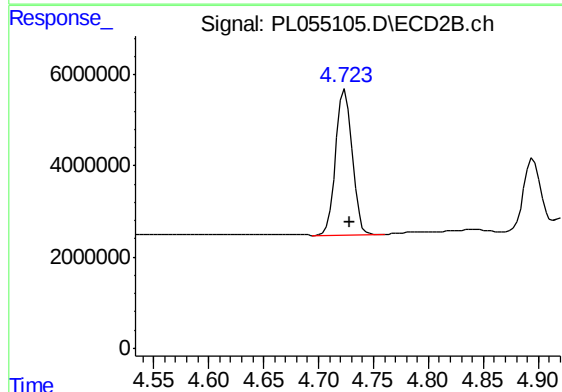
R.T.: 4.439 min  
Delta R.T.: -0.004 min  
Response: 35458229  
Conc: 10.01 ng/ml



#3 gamma-BHC (Lindane)

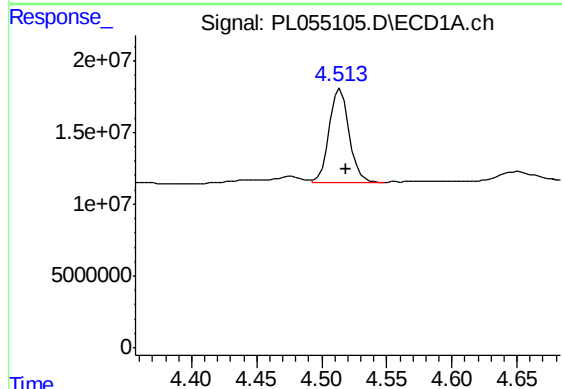
R.T.: 4.264 min  
Delta R.T.: -0.004 min  
Response: 147526577  
Conc: 8.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



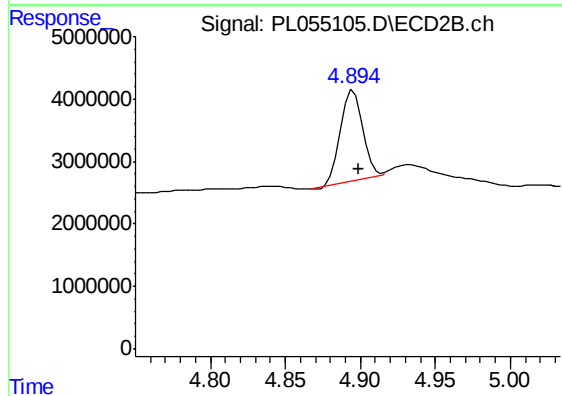
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: -0.004 min  
Response: 33178319  
Conc: 10.18 ng/ml



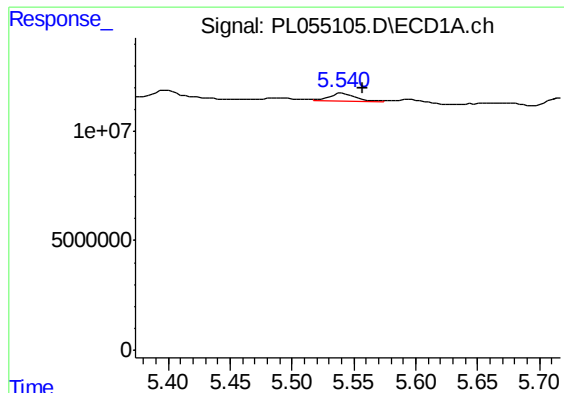
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: -0.004 min  
Response: 69102469  
Conc: 9.32 ng/ml



#6 beta-BHC

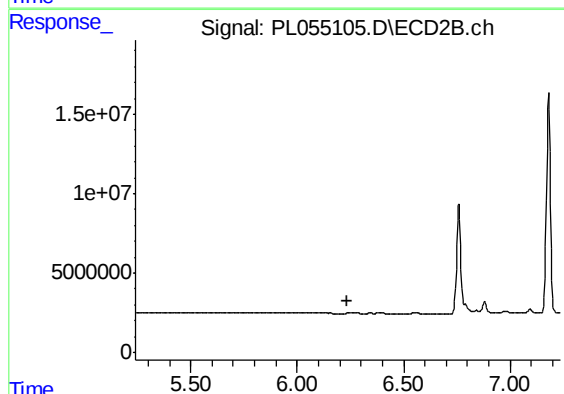
R.T.: 4.895 min  
Delta R.T.: -0.004 min  
Response: 14741184  
Conc: 10.47 ng/ml



#11 alpha-Chlordane

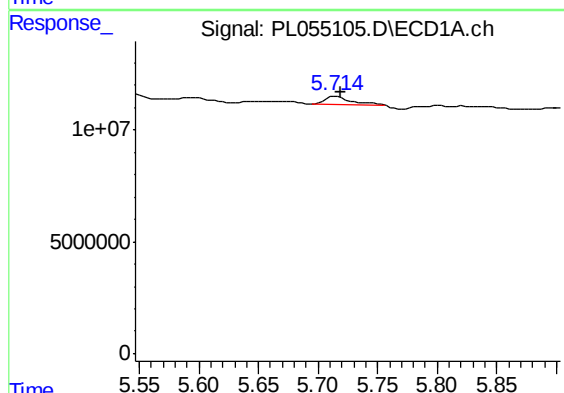
R.T.: 5.541 min  
Delta R.T.: -0.016 min  
Response: 6198354  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



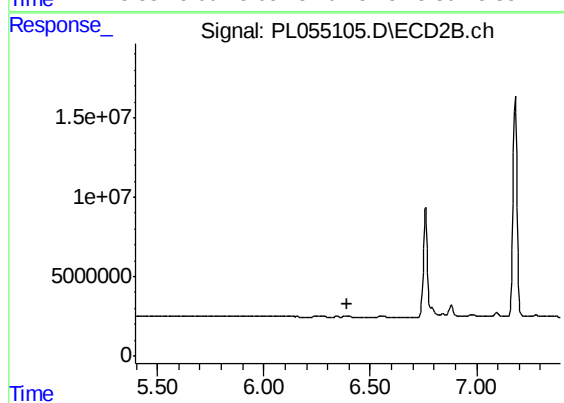
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.237 min  
Response: 0  
Conc: N.D.



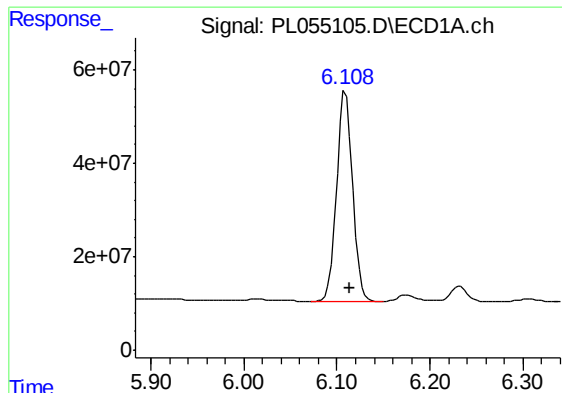
#12 4,4'-DDE

R.T.: 5.715 min  
Delta R.T.: -0.004 min  
Response: 4799832  
Conc: 0.36 ng/ml



#12 4,4'-DDE

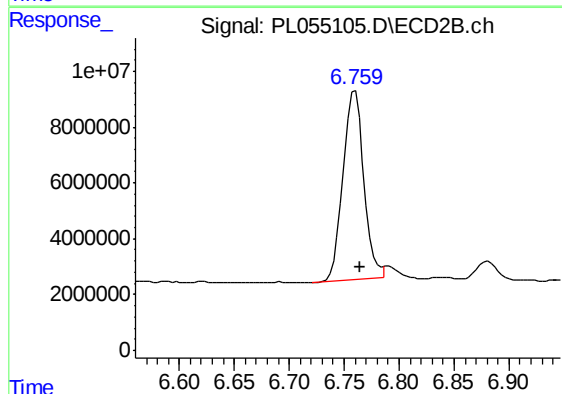
R.T.: 0.000 min  
Exp R.T. : 6.394 min  
Response: 0  
Conc: N.D.



#14 Endrin

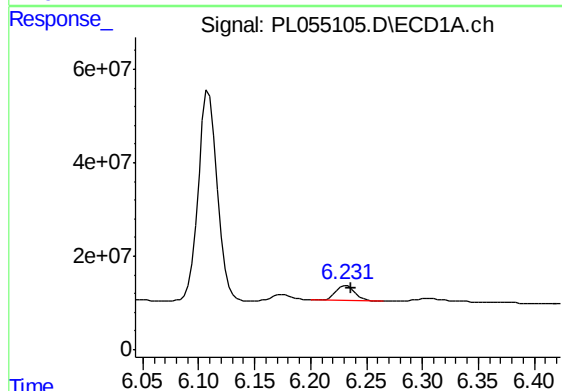
R.T.: 6.109 min  
Delta R.T.: -0.005 min  
Response: 535174686  
Conc: 42.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



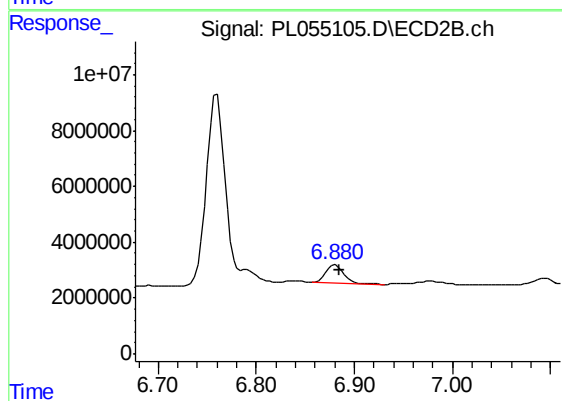
#14 Endrin

R.T.: 6.760 min  
Delta R.T.: -0.004 min  
Response: 88704789  
Conc: 40.04 ng/ml



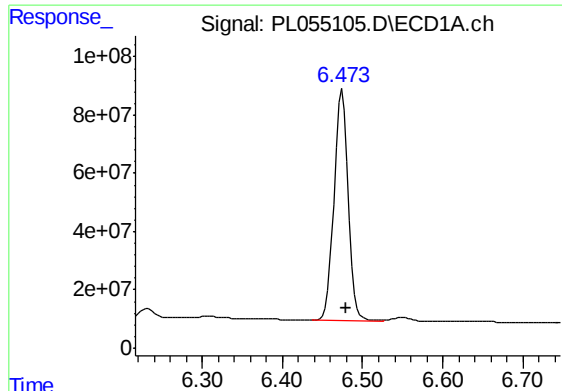
#16 4,4'-DDD

R.T.: 6.232 min  
Delta R.T.: -0.004 min  
Response: 37262810  
Conc: 3.82 ng/ml



#16 4,4'-DDD

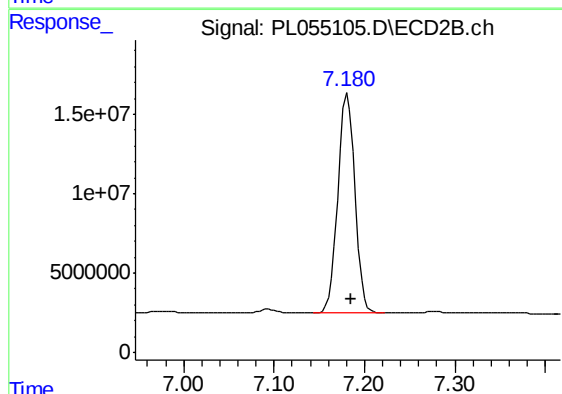
R.T.: 6.881 min  
Delta R.T.: -0.004 min  
Response: 8156266  
Conc: 4.25 ng/ml



#17 4,4'-DDT

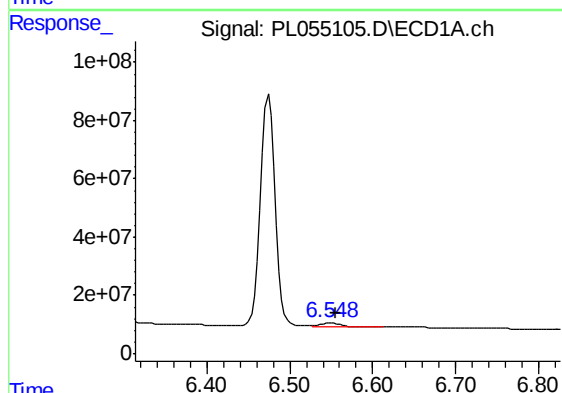
R.T.: 6.475 min  
Delta R.T.: -0.004 min  
Response: 974962544  
Conc: 93.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



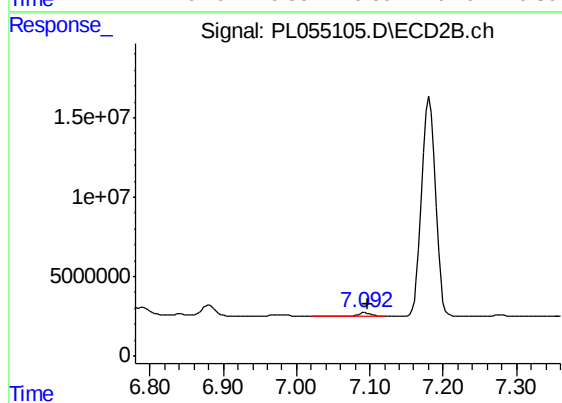
#17 4,4'-DDT

R.T.: 7.181 min  
Delta R.T.: -0.004 min  
Response: 178912094  
Conc: 90.30 ng/ml



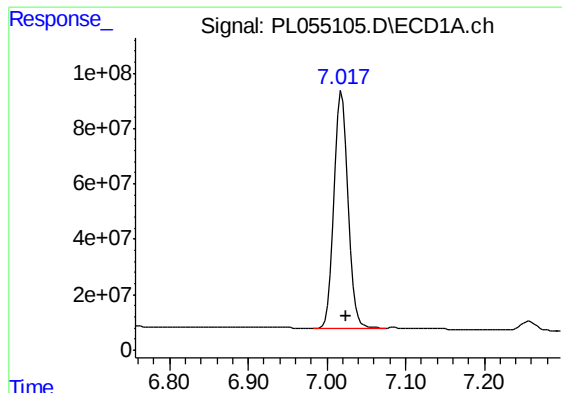
#18 Endrin aldehyde

R.T.: 6.550 min  
Delta R.T.: -0.005 min  
Response: 16352095  
Conc: 1.65 ng/ml



#18 Endrin aldehyde

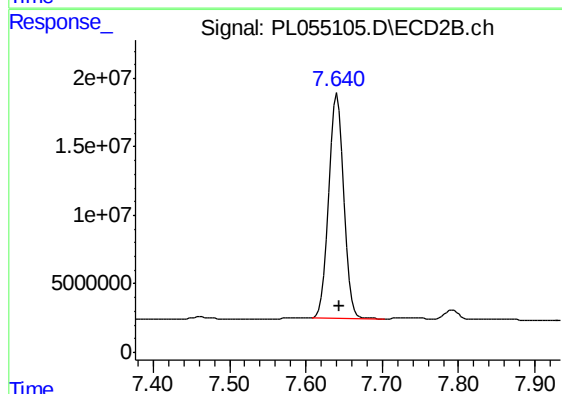
R.T.: 7.094 min  
Delta R.T.: -0.004 min  
Response: 3100260  
Conc: 1.58 ng/ml



#20 Methoxychlor

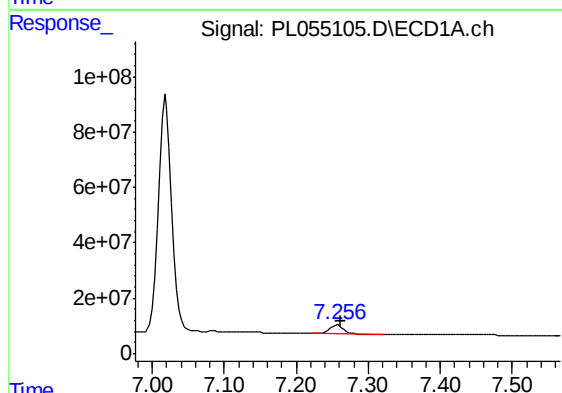
R.T.: 7.019 min  
Delta R.T.: -0.005 min  
Response: 1095906201  
Conc: 218.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



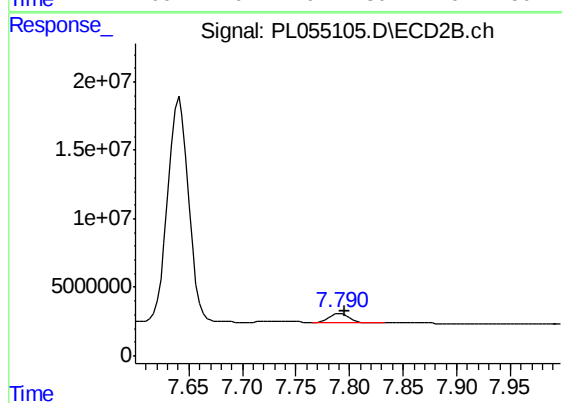
#20 Methoxychlor

R.T.: 7.641 min  
Delta R.T.: -0.004 min  
Response: 222858423  
Conc: 195.37 ng/ml



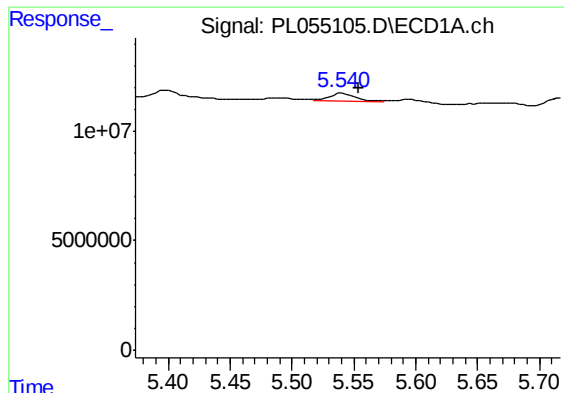
#21 Endrin ketone

R.T.: 7.258 min  
Delta R.T.: -0.005 min  
Response: 39997403  
Conc: 3.68 ng/ml



#21 Endrin ketone

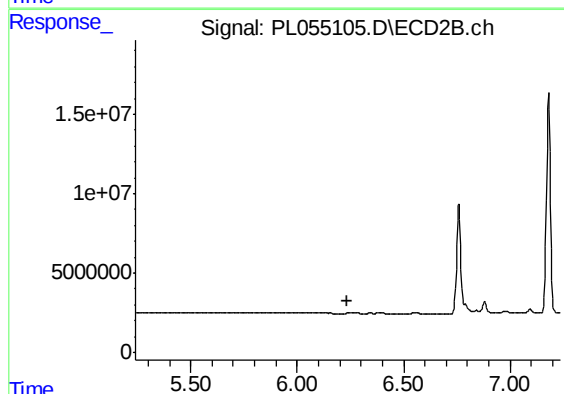
R.T.: 7.792 min  
Delta R.T.: -0.004 min  
Response: 8747113  
Conc: 3.89 ng/ml



#26 Chlordane-4

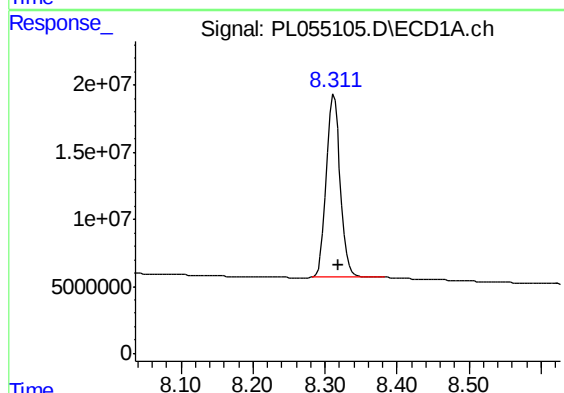
R.T.: 5.541 min  
Delta R.T.: -0.013 min  
Response: 6198354  
Conc: 5.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



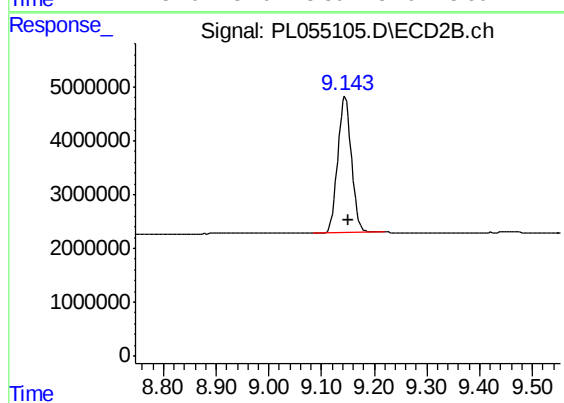
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 6.237 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.312 min  
Delta R.T.: -0.006 min  
Response: 183148591  
Conc: 19.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.145 min  
Delta R.T.: -0.006 min  
Response: 45937158  
Conc: 19.16 ng/ml