

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112119\  
 Data File : PL054507.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Nov 2019 09:39  
 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: Nov 22 00:31:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 19 01:04:14 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... | 3.538  | 4.042 | 232.6E6  | 53146721 | 22.373  | 21.815   |
| 28)                         | SA Decachlor... | 8.320  | 9.121 | 202.8E6  | 57464686 | 22.915  | 23.767   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.981  | 4.433 | 188.1E6  | 35716353 | 11.043  | 10.608   |
| 3)                          | MA gamma-BHC... | 4.267  | 4.719 | 159.9E6  | 32905199 | 10.640  | 10.702   |
| 6)                          | B beta-BHC      | 4.518  | 4.889 | 78929602 | 17818906 | 12.277  | 11.893   |
| 8)                          | B Heptachlo...  | 5.270  | 5.914 | 111.8E6  | 47109762 | 8.659   | 19.822 # |
| 9)                          | A Endosulfan I  | 5.591f | 0.000 | 104.7E6  | 0        | 8.839   | N.D. #   |
| 11)                         | B alpha-Chl...  | 0.000  | 6.242 | 0        | 2567171  | N.D.    | 1.031 #  |
| 12)                         | B 4,4'-DDE      | 5.743f | 0.000 | 48013205 | 0        | 4.151   | N.D. #   |
| 14)                         | MA Endrin       | 6.115  | 6.752 | 601.9E6  | 111.0E6  | 54.493  | 52.349   |
| 16)                         | A 4,4'-DDD      | 6.238  | 6.874 | 34008233 | 7798960  | 4.123   | 4.407    |
| 17)                         | MA 4,4'-DDT     | 6.480  | 7.172 | 1015.6E6 | 217.0E6  | 112.017 | 110.612  |
| 18)                         | B Endrin al...  | 6.553  | 0.000 | 8555919  | 0        | 0.999   | N.D. #   |
| 20)                         | A Methoxychlor  | 7.025  | 7.630 | 1197.4E6 | 282.9E6  | 261.624 | 253.489  |
| 21)                         | B Endrin ke...  | 7.261  | 7.779 | -1662236 | 4141661  | N.D.    | 1.829    |
| 23)                         | Chlordane-1     | 4.446f | 0.000 | 4934791  | 0        | 12.705  | N.D. #   |
| 26)                         | Chlordane-4     | 0.000  | 6.242 | 0        | 2567171  | N.D.    | 6.337 #  |
| -----                       |                 |        |       |          |          |         |          |

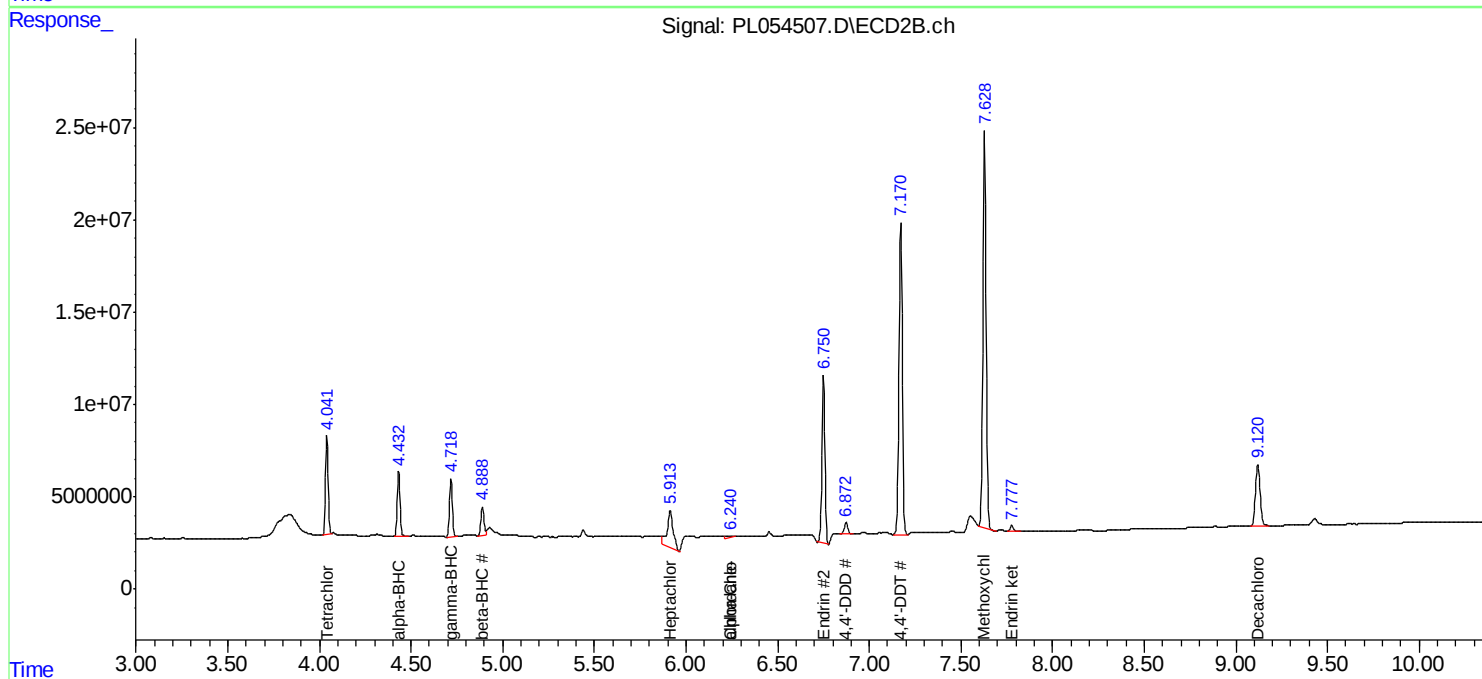
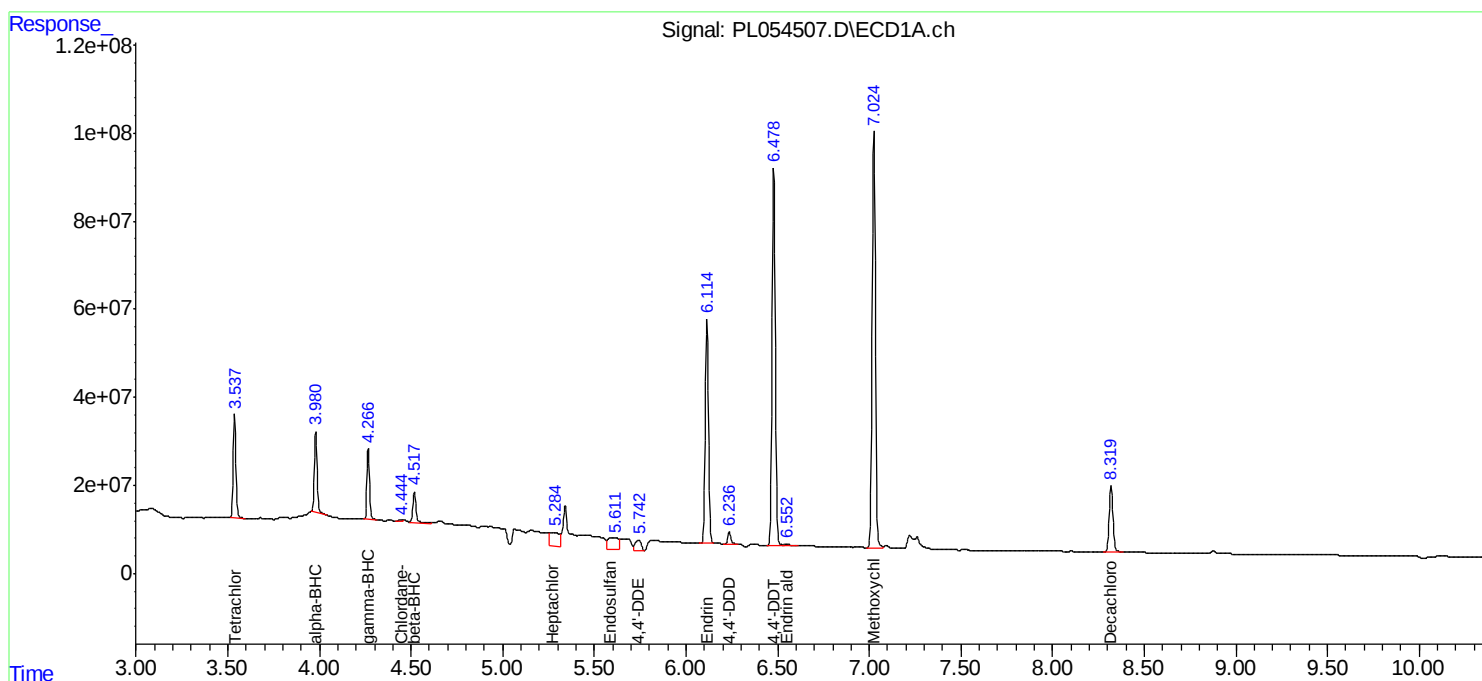
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

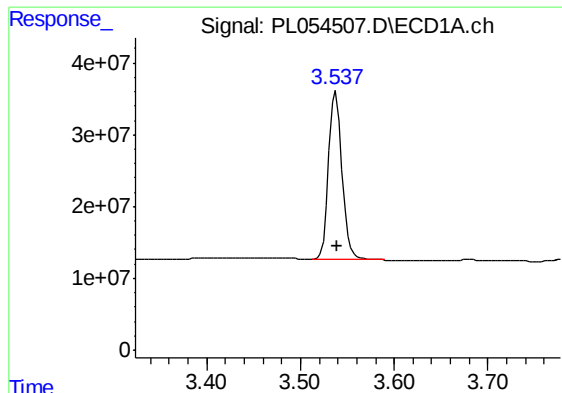
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112119\  
Data File : PL054507.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Nov 2019 09:39  
Operator : SG\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 00:31:40 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 19 01:04:14 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

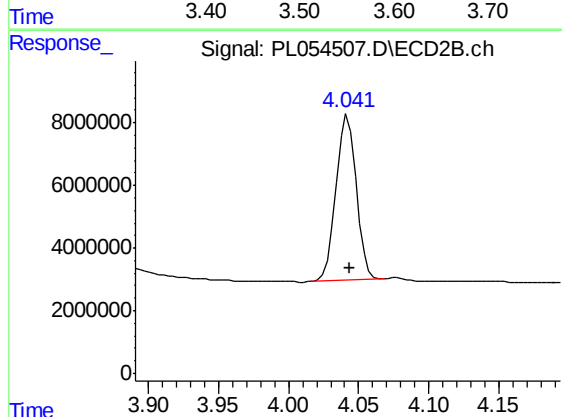




#1 Tetrachloro-m-xylene

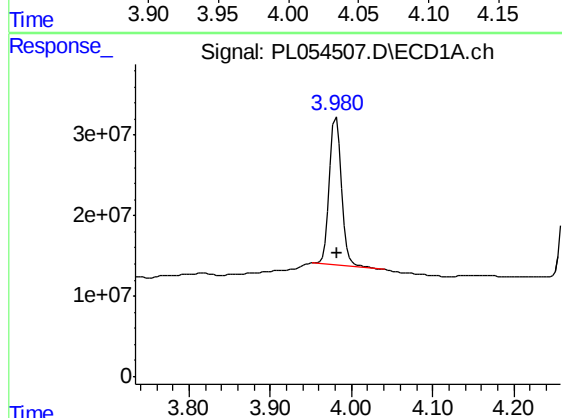
R.T.: 3.538 min  
Delta R.T.: -0.001 min  
Response: 232617982  
Conc: 22.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



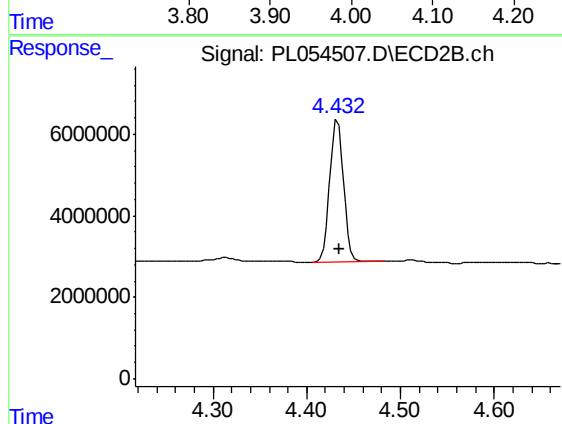
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: -0.001 min  
Response: 53146721  
Conc: 21.82 ng/ml



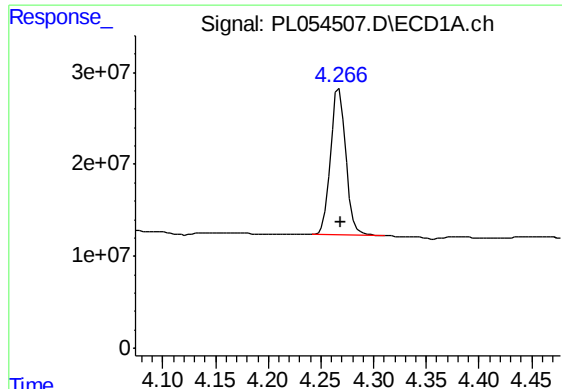
#2 alpha-BHC

R.T.: 3.981 min  
Delta R.T.: -0.001 min  
Response: 188131193  
Conc: 11.04 ng/ml



#2 alpha-BHC

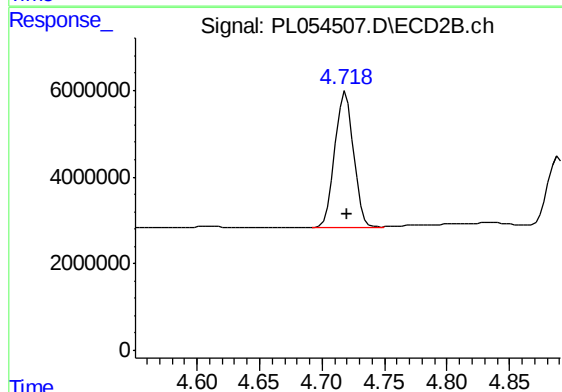
R.T.: 4.433 min  
Delta R.T.: -0.002 min  
Response: 35716353  
Conc: 10.61 ng/ml



#3 gamma-BHC (Lindane)

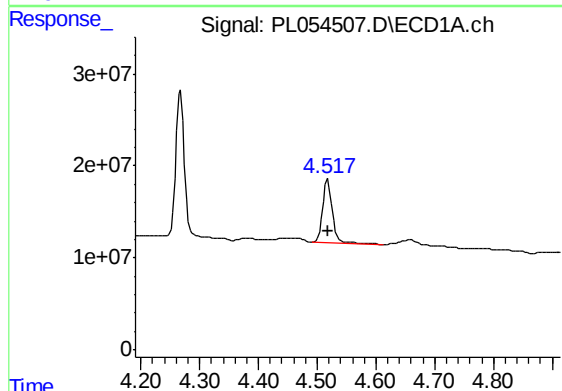
R.T.: 4.267 min  
Delta R.T.: -0.002 min  
Response: 159858882  
Conc: 10.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



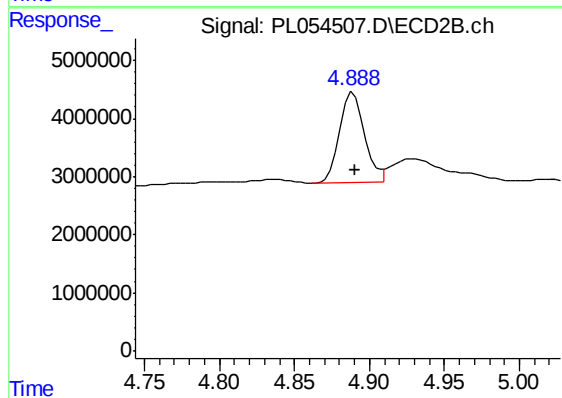
#3 gamma-BHC (Lindane)

R.T.: 4.719 min  
Delta R.T.: -0.001 min  
Response: 32905199  
Conc: 10.70 ng/ml



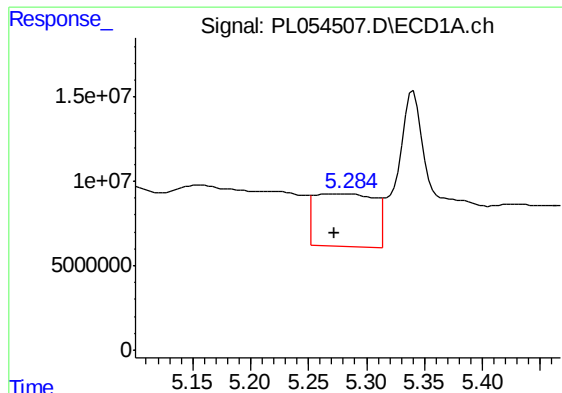
#6 beta-BHC

R.T.: 4.518 min  
Delta R.T.: -0.001 min  
Response: 78929602  
Conc: 12.28 ng/ml



#6 beta-BHC

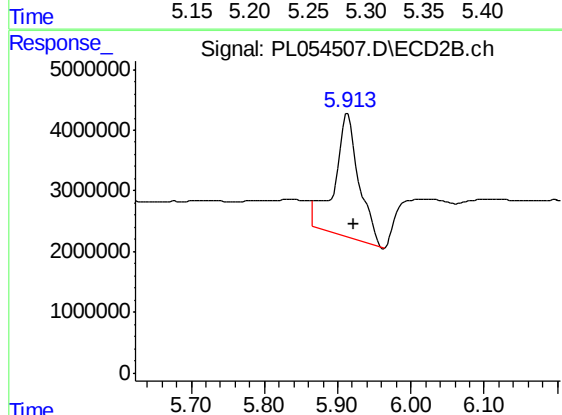
R.T.: 4.889 min  
Delta R.T.: -0.002 min  
Response: 17818906  
Conc: 11.89 ng/ml



#8 Heptachlor epoxide

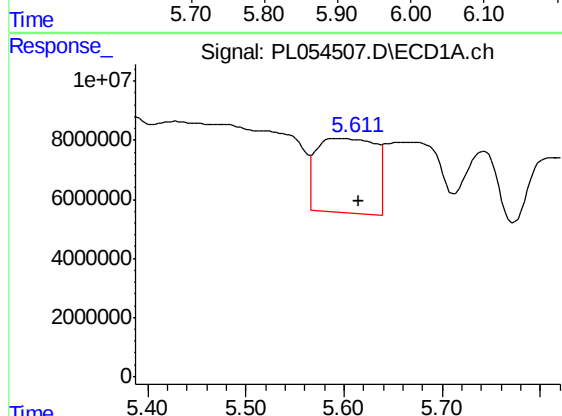
R.T.: 5.270 min  
Delta R.T.: -0.003 min  
Response: 111832350  
Conc: 8.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



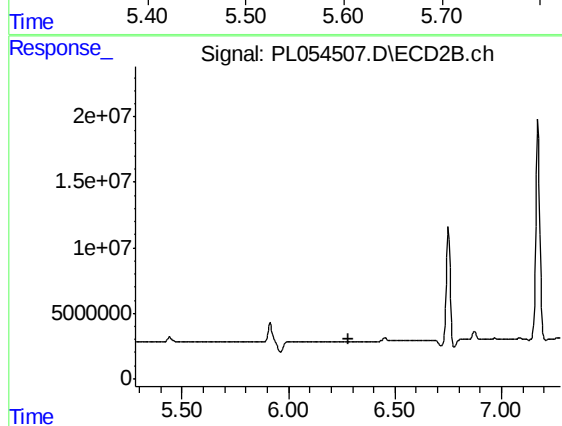
#8 Heptachlor epoxide

R.T.: 5.914 min  
Delta R.T.: -0.008 min  
Response: 47109762  
Conc: 19.82 ng/ml



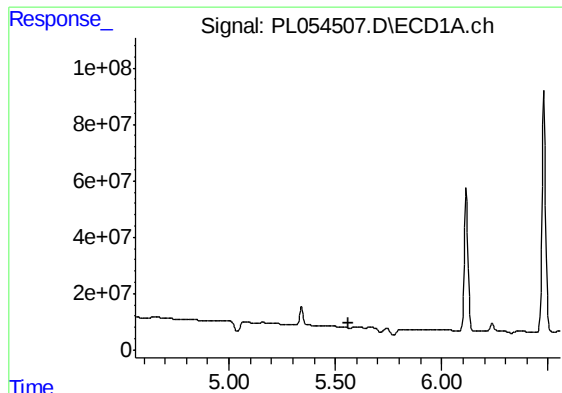
#9 Endosulfan I

R.T.: 5.591 min  
Delta R.T.: -0.024 min  
Response: 104705639  
Conc: 8.84 ng/ml



#9 Endosulfan I

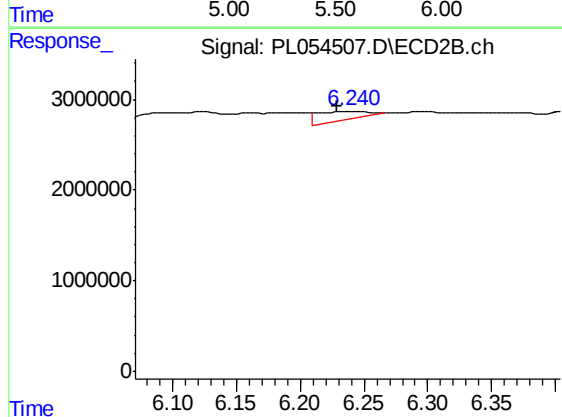
R.T.: 0.000 min  
Exp R.T. : 6.279 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

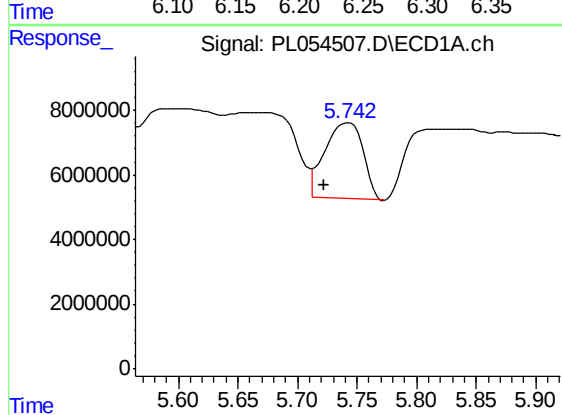
R.T.: 0.000 min  
Exp R.T. : 5.559 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



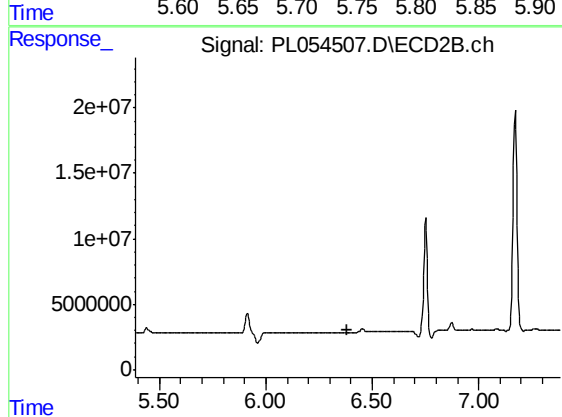
#11 alpha-Chlordane

R.T.: 6.242 min  
Delta R.T.: 0.013 min  
Response: 2567171  
Conc: 1.03 ng/ml



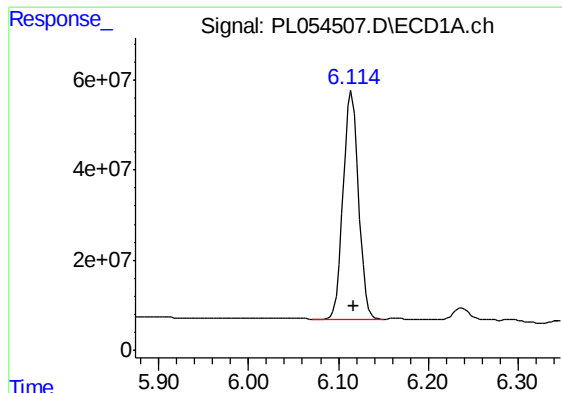
#12 4,4'-DDE

R.T.: 5.743 min  
Delta R.T.: 0.021 min  
Response: 48013205  
Conc: 4.15 ng/ml



#12 4,4'-DDE

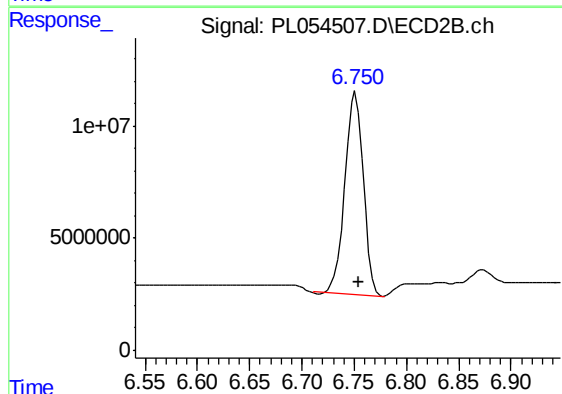
R.T.: 0.000 min  
Exp R.T. : 6.385 min  
Response: 0  
Conc: N.D.



#14 Endrin

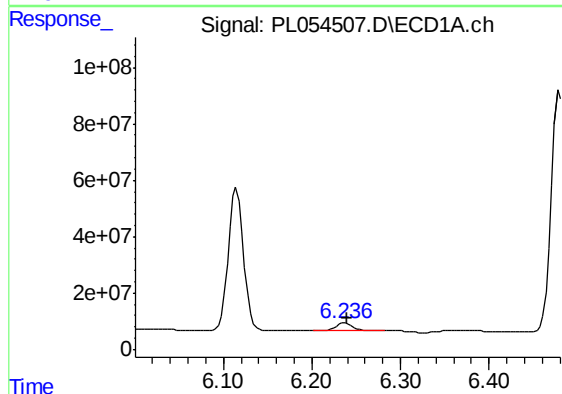
R.T.: 6.115 min  
Delta R.T.: -0.002 min  
Response: 601931618  
Conc: 54.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



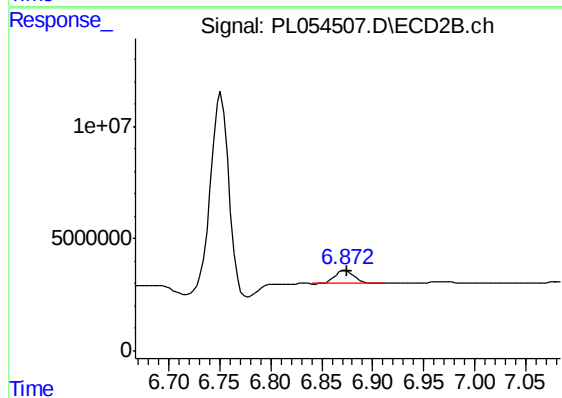
#14 Endrin

R.T.: 6.752 min  
Delta R.T.: -0.003 min  
Response: 110962097  
Conc: 52.35 ng/ml



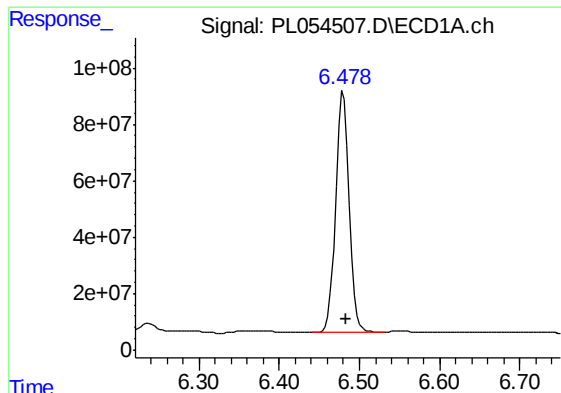
#16 4,4'-DDD

R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 34008233  
Conc: 4.12 ng/ml



#16 4,4'-DDD

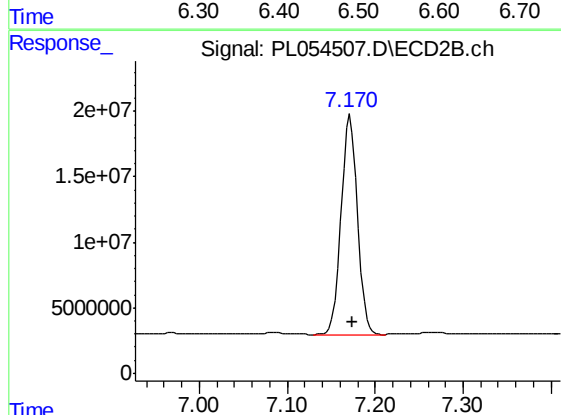
R.T.: 6.874 min  
Delta R.T.: -0.002 min  
Response: 7798960  
Conc: 4.41 ng/ml



#17 4,4'-DDT

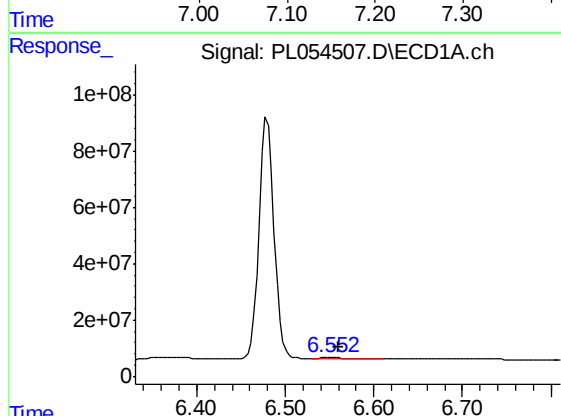
R.T.: 6.480 min  
Delta R.T.: -0.003 min  
Response: 1015593064  
Conc: 112.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



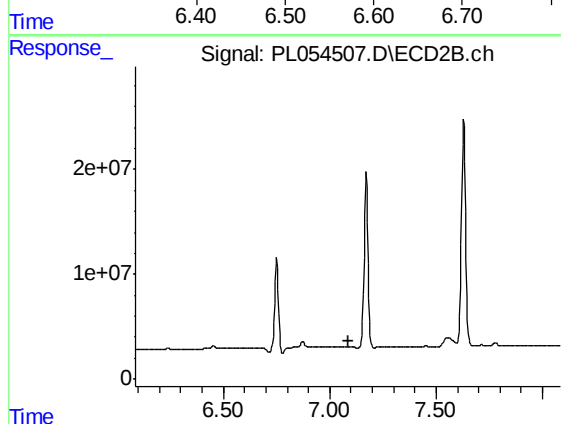
#17 4,4'-DDT

R.T.: 7.172 min  
Delta R.T.: -0.002 min  
Response: 216975677  
Conc: 110.61 ng/ml



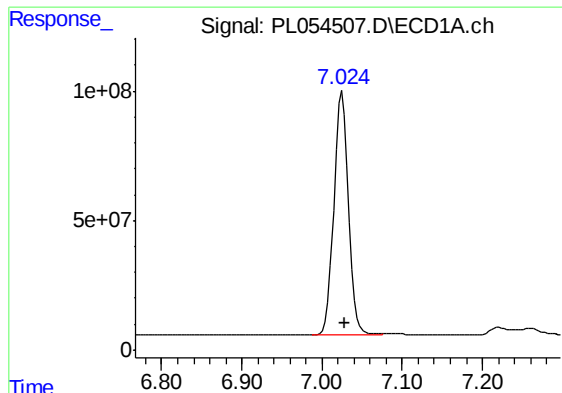
#18 Endrin aldehyde

R.T.: 6.553 min  
Delta R.T.: -0.006 min  
Response: 8555919  
Conc: 1.00 ng/ml



#18 Endrin aldehyde

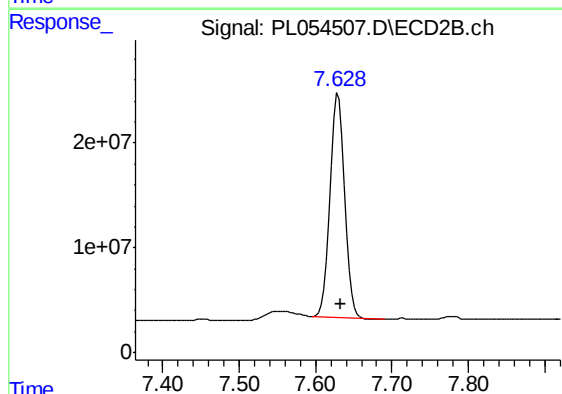
R.T.: 0.000 min  
Exp R.T. : 7.087 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

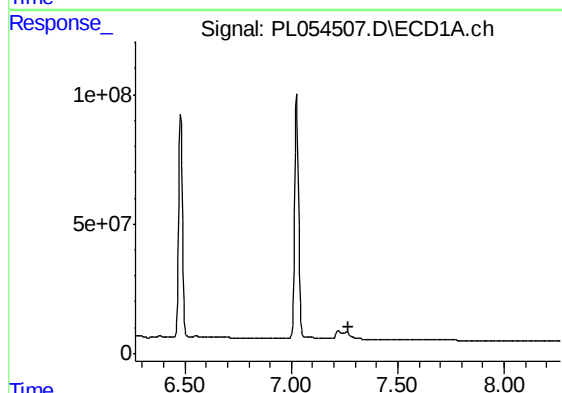
R.T.: 7.025 min  
Delta R.T.: -0.003 min  
Response: 1197403289  
Conc: 261.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



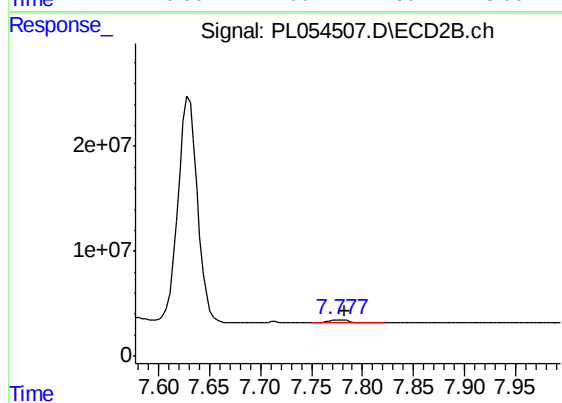
#20 Methoxychlor

R.T.: 7.630 min  
Delta R.T.: -0.003 min  
Response: 282856139  
Conc: 253.49 ng/ml



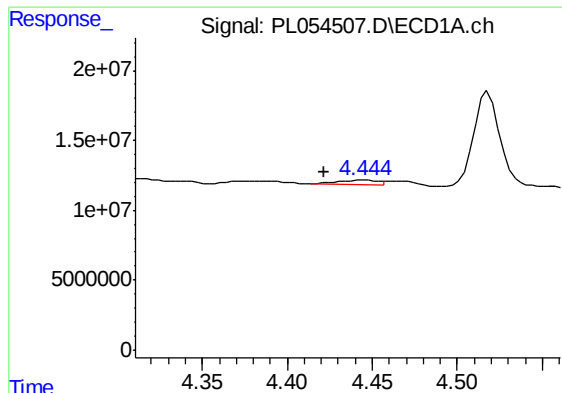
#21 Endrin ketone

R.T.: 7.261 min  
Delta R.T.: -0.005 min  
Response: -1662236  
Conc: N.D.



#21 Endrin ketone

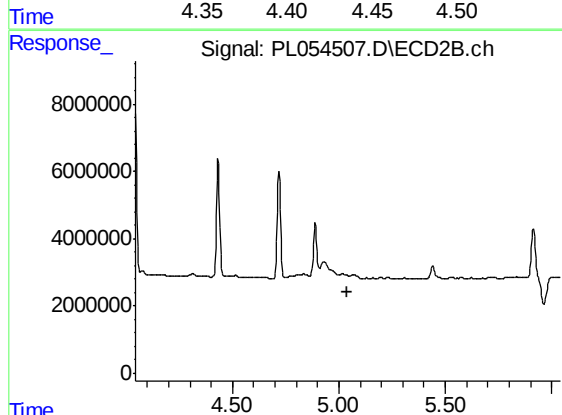
R.T.: 7.779 min  
Delta R.T.: -0.004 min  
Response: 4141661  
Conc: 1.83 ng/ml



#23 Chlordane-1

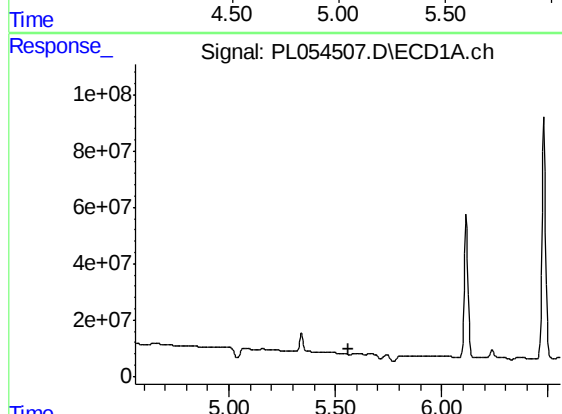
R.T.: 4.446 min  
Delta R.T.: 0.024 min  
Response: 4934791  
Conc: 12.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



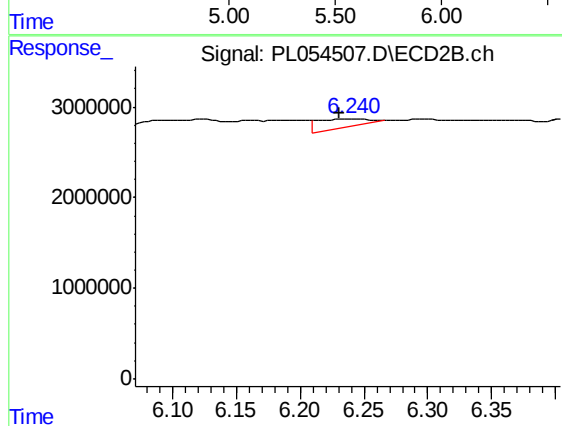
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.041 min  
Response: 0  
Conc: N.D.



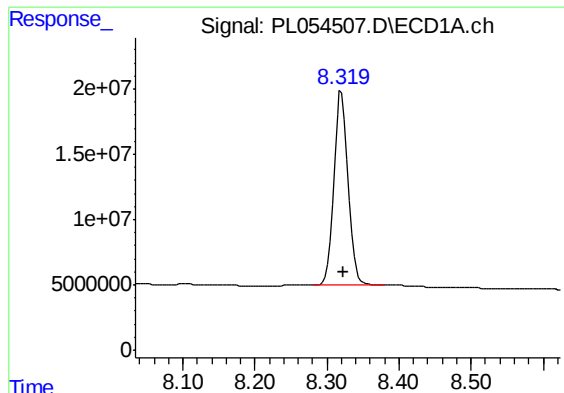
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.559 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

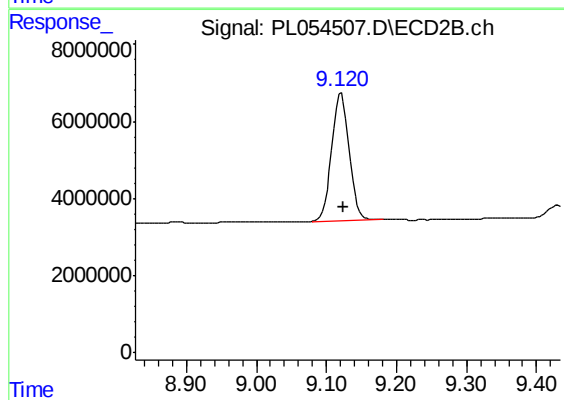
R.T.: 6.242 min  
Delta R.T.: 0.011 min  
Response: 2567171  
Conc: 6.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.320 min  
Delta R.T.: -0.003 min  
Response: 202815048  
Conc: 22.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.004 min  
Response: 57464686  
Conc: 23.77 ng/ml