

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051420\  
 Data File : PL058709.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2020 11:44  
 Operator : AJ\MA  
 Sample : L2182-09  
 Misc : 25 PPB MDL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

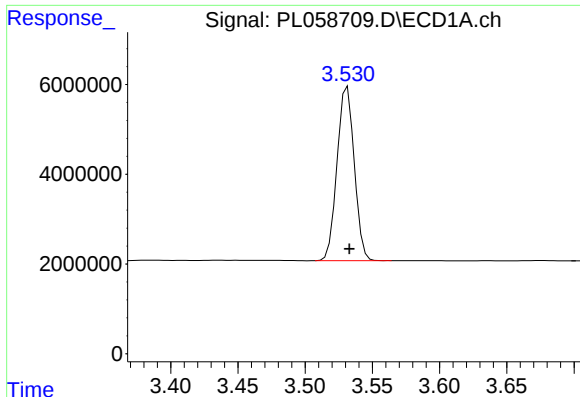
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 23:51:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 14 06:40:09 2020  
 Response via : Initial Calibration  
 Integrator: 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  | 34350495 | 46833162 | 20.909 | 21.636  |
| 28)                         | SA Decachlor... | 8.318 | 9.191  | 30110384 | 42528706 | 23.060 | 24.064  |
| Target Compounds            |                 |       |        |          |          |        |         |
| 4)                          | MA Heptachlor   | 4.568 | 5.271  | 1884037  | 2842151  | 0.997  | 1.014   |
| 5)                          | MB Aldrin       | 0.000 | 5.551f | 0        | 2371491  | N.D.   | 0.952 # |
| 7)                          | B delta-BHC     | 0.000 | 5.120f | 0        | 855231   | N.D.   | 0.301 # |
| 8)                          | B Heptachlo...  | 0.000 | 5.987f | 0        | 697782   | N.D.   | 0.291 # |
| 10)                         | B gamma-Chl...  | 5.493 | 6.201  | 3455378  | 8077374  | 2.224  | 3.439 # |
| 11)                         | B alpha-Chl...  | 5.552 | 6.276  | 2701491  | 9975167  | 1.735  | 4.255 # |
| 14)                         | MA Endrin       | 0.000 | 6.826f | 0        | 243432   | N.D.   | 0.134 # |
| 15)                         | B Endosulfa...  | 6.392 | 7.014  | 1290945  | -119613  | 0.936  | N.D. #  |
| 16)                         | A 4,4'-DDD      | 0.000 | 6.943f | 0        | 95583    | N.D.   | 0.055 # |
| 22)                         | Mirex           | 0.000 | 8.316f | 0        | 27997    | N.D.   | 0.018 # |
| 23)                         | Chlordane-1     | 4.413 | 5.081  | 1636270  | 2705851  | 32.628 | 33.812  |
| 24)                         | Chlordane-2     | 4.919 | 5.551  | 1468883  | 2371491  | 27.042 | 27.751  |
| 25)                         | Chlordane-3     | 5.493 | 6.201  | 3455378  | 8077374  | 24.698 | 26.668  |
| 26)                         | Chlordane-4     | 5.552 | 6.276  | 2701491  | 9975167  | 23.538 | 27.370  |
| 27)                         | Chlordane-5     | 6.392 | 7.085  | 1290945  | 1601188  | 26.450 | 25.648  |
| -----                       |                 |       |        |          |          |        |         |

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

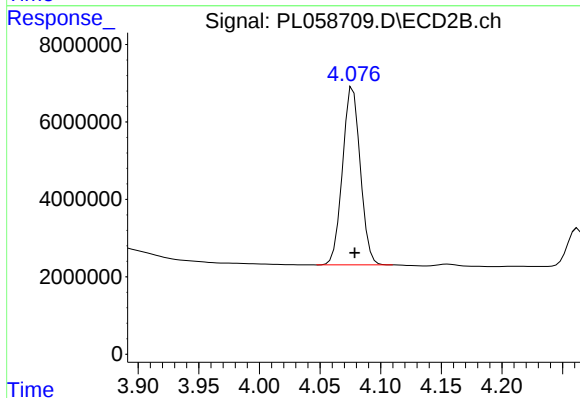




#1 Tetrachloro-m-xylene

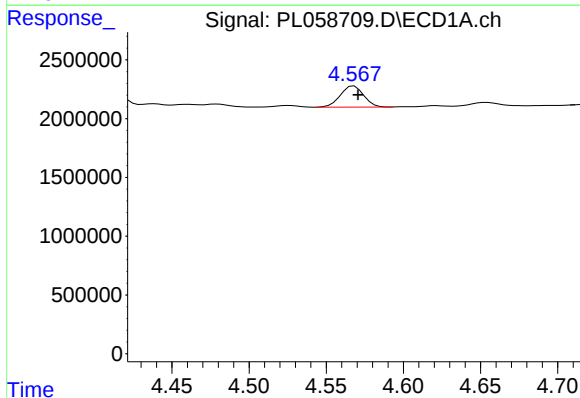
R.T.: 3.531 min  
Delta R.T.: -0.002 min  
Response: 34350495  
Conc: 20.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



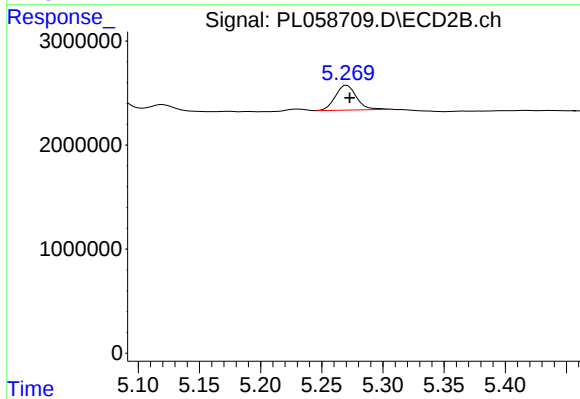
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: -0.001 min  
Response: 46833162  
Conc: 21.64 ng/ml



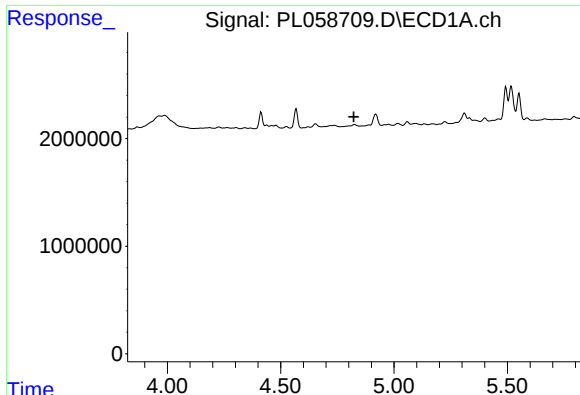
#4 Heptachlor

R.T.: 4.568 min  
Delta R.T.: -0.003 min  
Response: 1884037  
Conc: 1.00 ng/ml



#4 Heptachlor

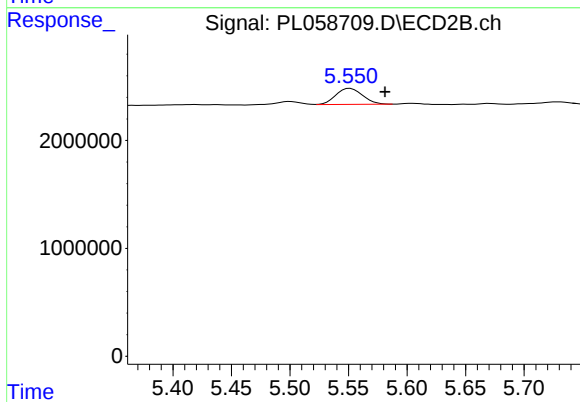
R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 2842151  
Conc: 1.01 ng/ml



#5 Aldrin

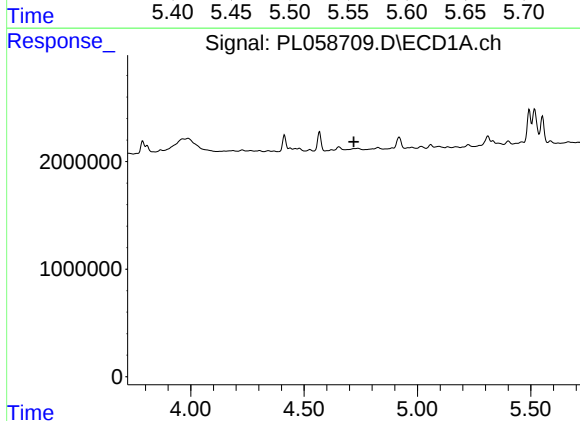
R.T.: 0.000 min  
Exp R.T.: 4.822 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



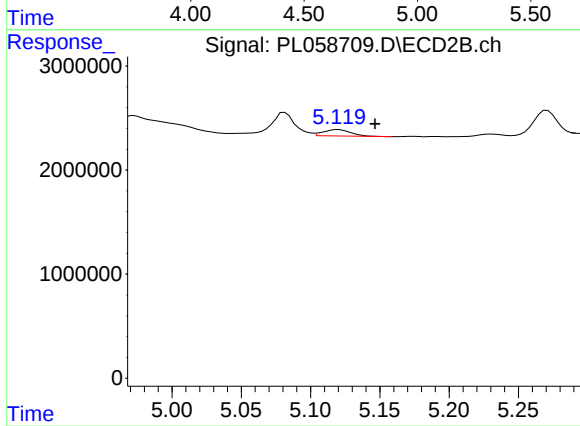
#5 Aldrin

R.T.: 5.551 min  
Delta R.T.: -0.030 min  
Response: 2371491  
Conc: 0.95 ng/ml



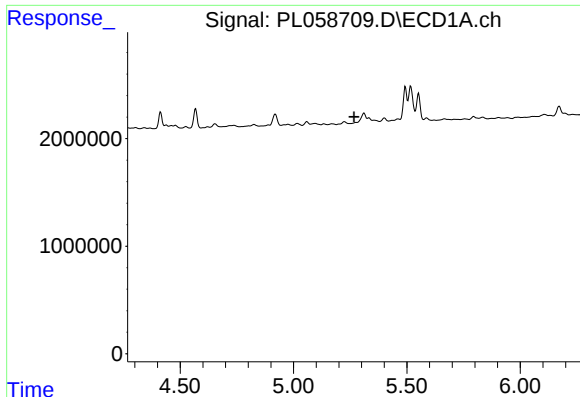
#7 delta-BHC

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



#7 delta-BHC

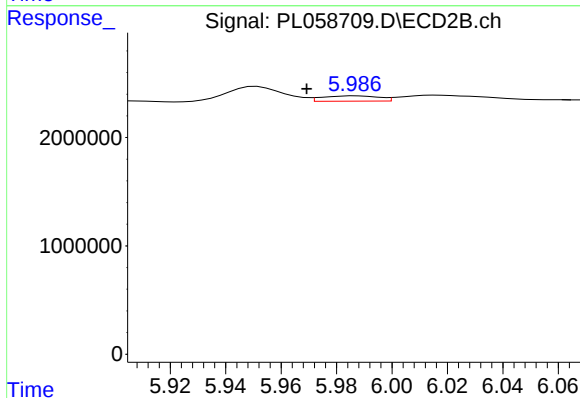
R.T.: 5.120 min  
Delta R.T.: -0.026 min  
Response: 855231  
Conc: 0.30 ng/ml



#8 Heptachlor epoxide

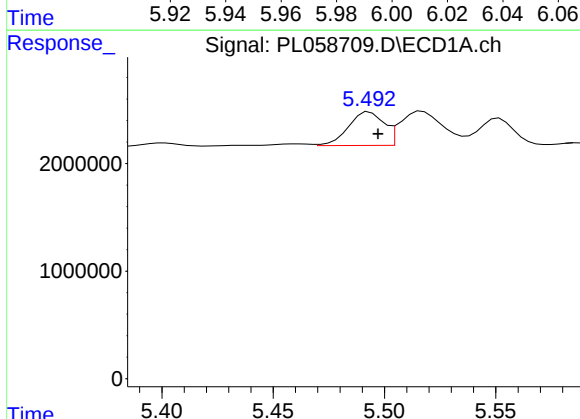
R.T.: 0.000 min  
Exp R.T.: 5.268 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



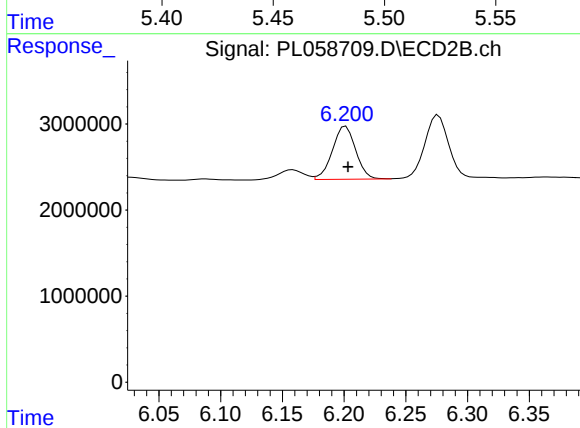
#8 Heptachlor epoxide

R.T.: 5.987 min  
Delta R.T.: 0.018 min  
Response: 697782  
Conc: 0.29 ng/ml



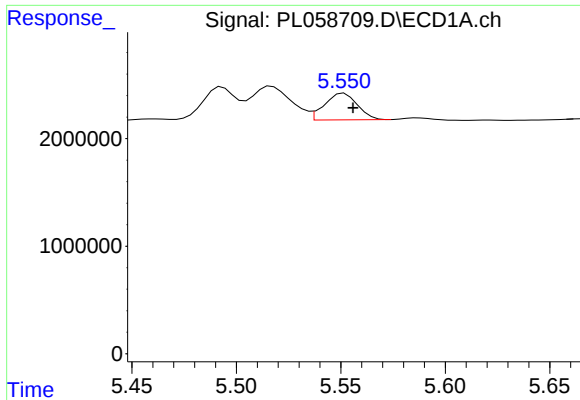
#10 gamma-Chlordane

R.T.: 5.493 min  
Delta R.T.: -0.004 min  
Response: 3455378  
Conc: 2.22 ng/ml



#10 gamma-Chlordane

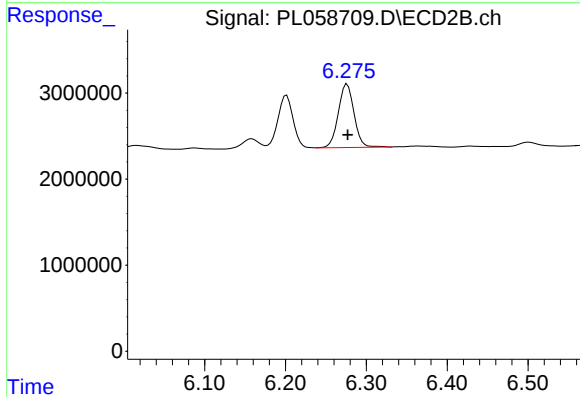
R.T.: 6.201 min  
Delta R.T.: -0.002 min  
Response: 8077374  
Conc: 3.44 ng/ml



#11 alpha-Chlordane

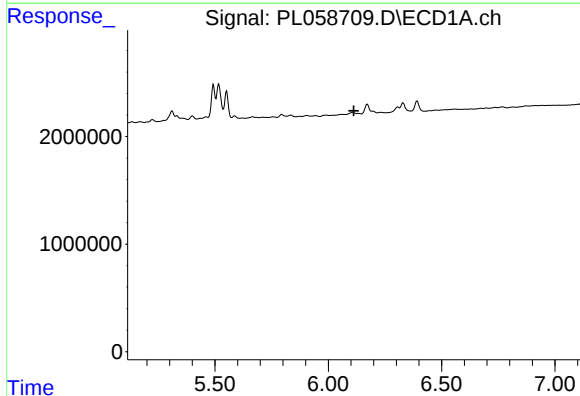
R.T.: 5.552 min  
Delta R.T.: -0.004 min  
Response: 2701491  
Conc: 1.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



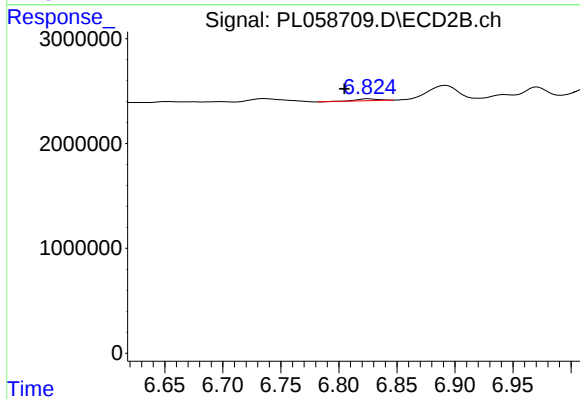
#11 alpha-Chlordane

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 9975167  
Conc: 4.26 ng/ml



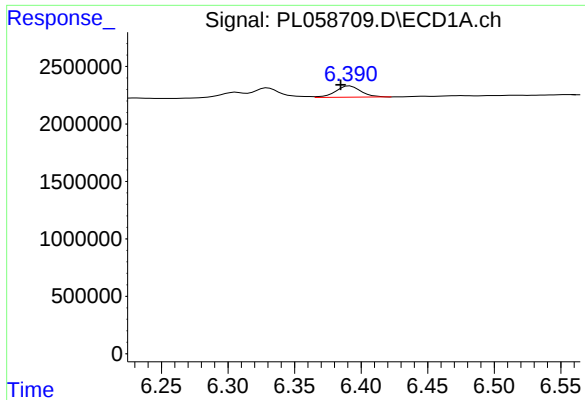
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.112 min  
Response: 0  
Conc: N.D.



#14 Endrin

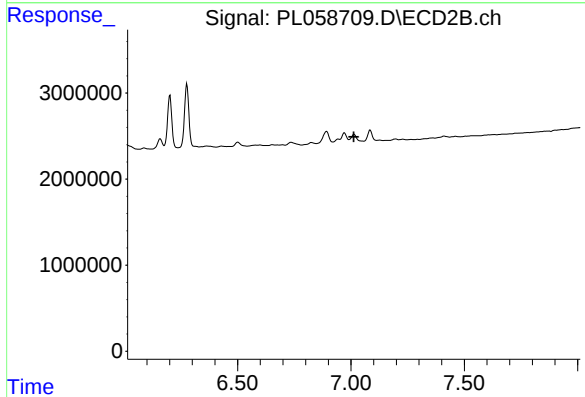
R.T.: 6.826 min  
Delta R.T.: 0.021 min  
Response: 243432  
Conc: 0.13 ng/ml



#15 Endosulfan II

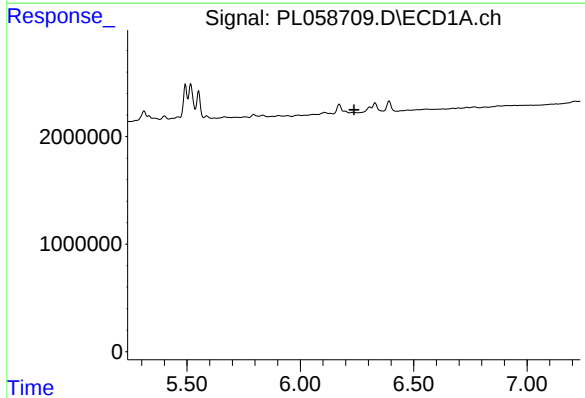
R.T.: 6.392 min  
Delta R.T.: 0.007 min  
Response: 1290945  
Conc: 0.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



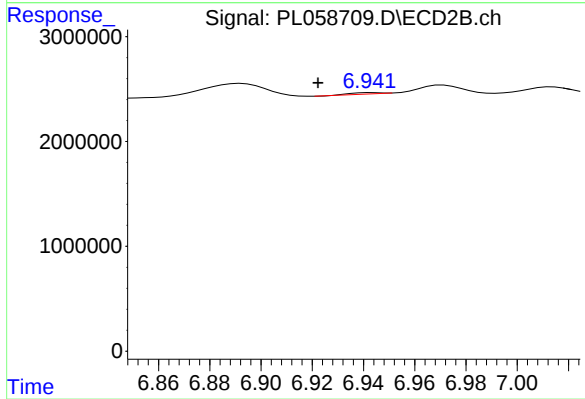
#15 Endosulfan II

R.T.: 7.014 min  
Delta R.T.: 0.001 min  
Response: -119613  
Conc: N.D.



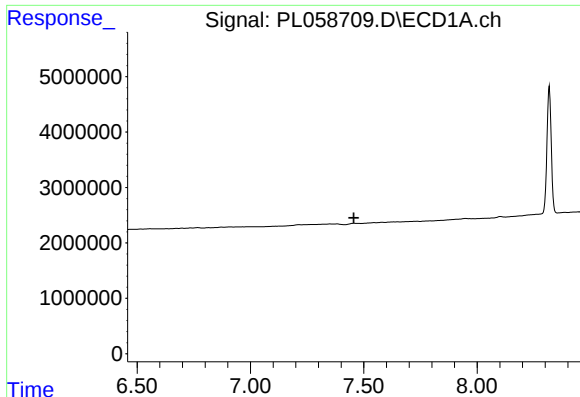
#16 4,4'-DDD

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



#16 4,4'-DDD

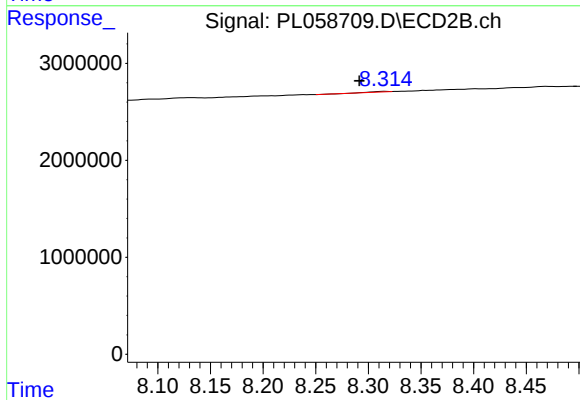
R.T.: 6.943 min  
Delta R.T.: 0.021 min  
Response: 95583  
Conc: 0.05 ng/ml



#22 Mirex

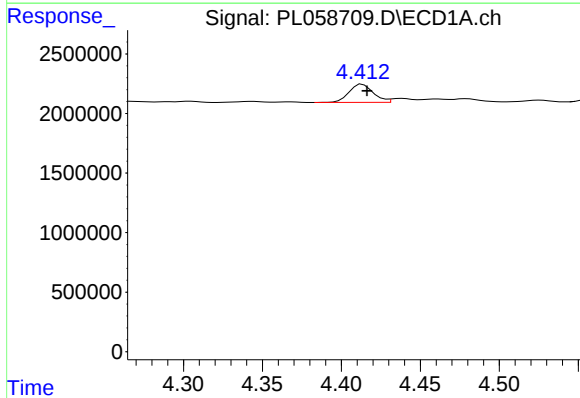
R.T.: 0.000 min  
Exp R.T.: 7.456 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



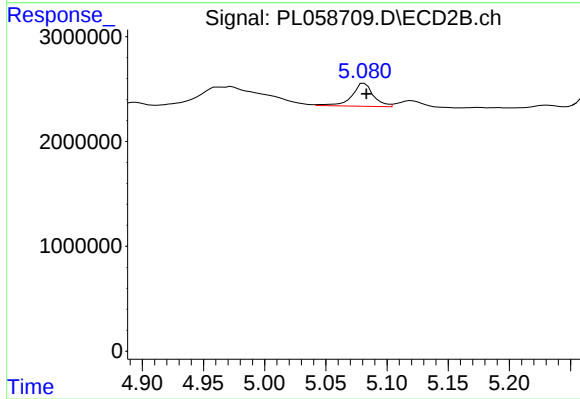
#22 Mirex

R.T.: 8.316 min  
Delta R.T.: 0.024 min  
Response: 27997  
Conc: 0.02 ng/ml



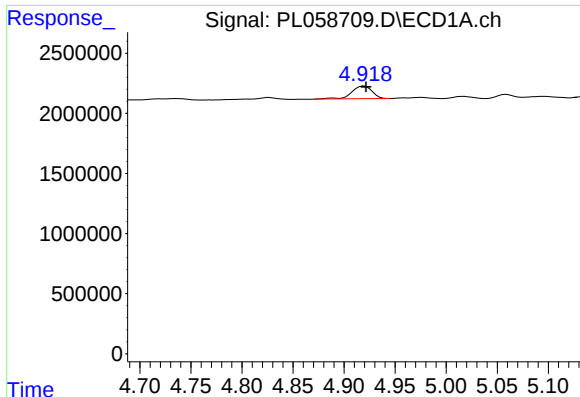
#23 Chlordane-1

R.T.: 4.413 min  
Delta R.T.: -0.003 min  
Response: 1636270  
Conc: 32.63 ng/ml



#23 Chlordane-1

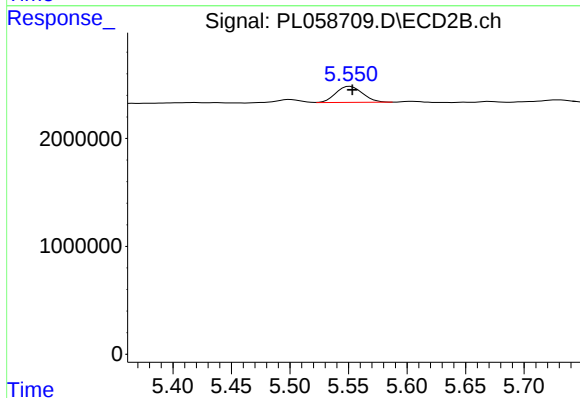
R.T.: 5.081 min  
Delta R.T.: -0.002 min  
Response: 2705851  
Conc: 33.81 ng/ml



#24 Chlordane-2

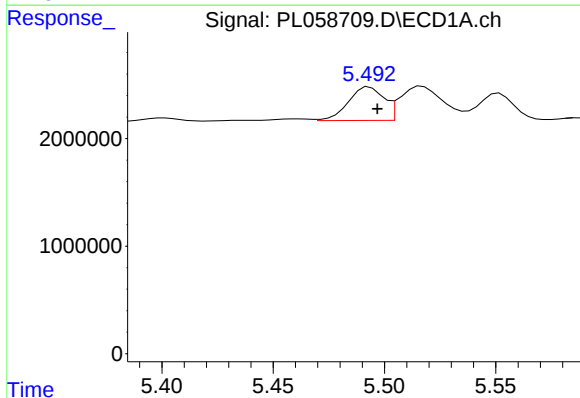
R.T.: 4.919 min  
Delta R.T.: -0.002 min  
Response: 1468883  
Conc: 27.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



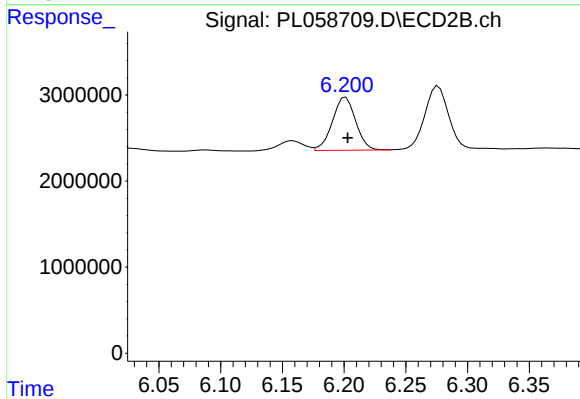
#24 Chlordane-2

R.T.: 5.551 min  
Delta R.T.: -0.002 min  
Response: 2371491  
Conc: 27.75 ng/ml



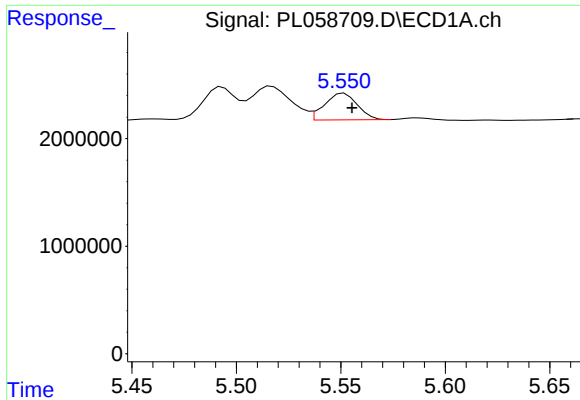
#25 Chlordane-3

R.T.: 5.493 min  
Delta R.T.: -0.004 min  
Response: 3455378  
Conc: 24.70 ng/ml



#25 Chlordane-3

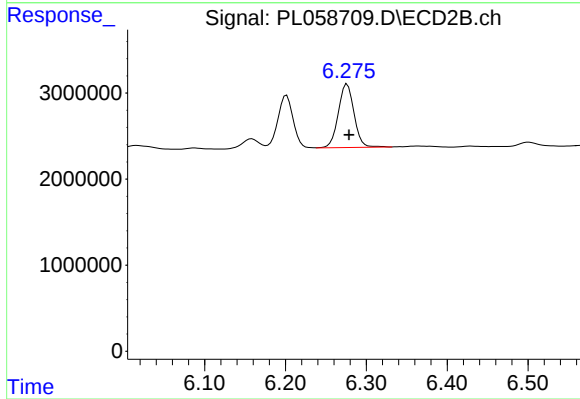
R.T.: 6.201 min  
Delta R.T.: -0.002 min  
Response: 8077374  
Conc: 26.67 ng/ml



#26 Chlordane-4

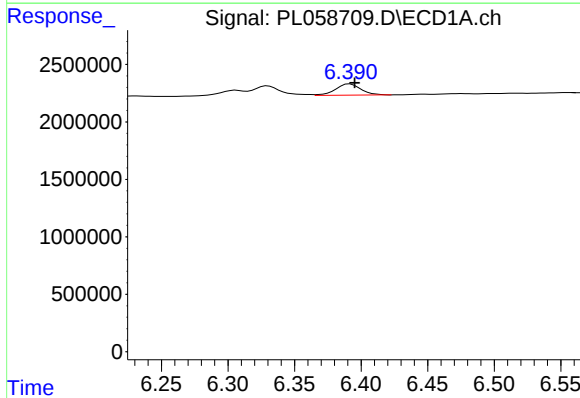
R.T.: 5.552 min  
Delta R.T.: -0.004 min  
Response: 2701491  
Conc: 23.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



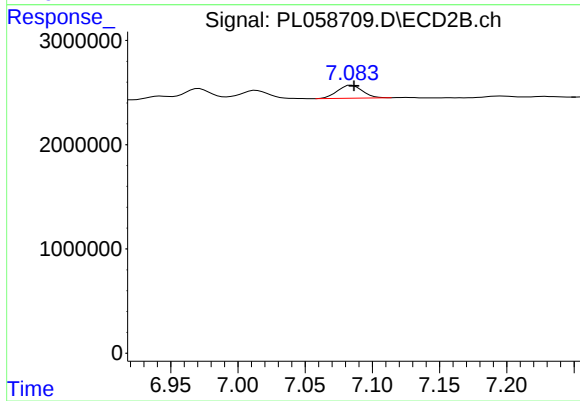
#26 Chlordane-4

R.T.: 6.276 min  
Delta R.T.: -0.002 min  
Response: 9975167  
Conc: 27.37 ng/ml



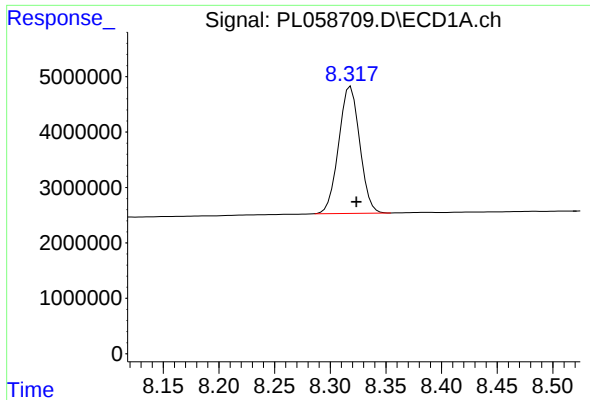
#27 Chlordane-5

R.T.: 6.392 min  
Delta R.T.: -0.004 min  
Response: 1290945  
Conc: 26.45 ng/ml



#27 Chlordane-5

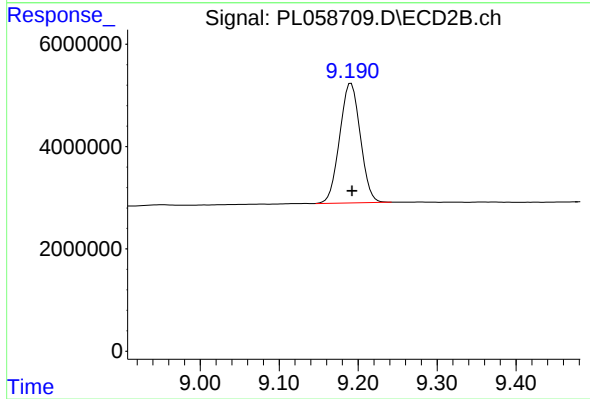
R.T.: 7.085 min  
Delta R.T.: -0.002 min  
Response: 1601188  
Conc: 25.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.318 min  
Delta R.T.: -0.005 min  
Response: 30110384  
Conc: 23.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.191 min  
Delta R.T.: -0.001 min  
Response: 42528706  
Conc: 24.06 ng/ml