

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101118\  
 Data File : PL040898.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2018 10:26  
 Operator : AJ\SJ  
 Sample : J5200-05 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 10:51:20 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.483  | 4.104  | 13013158 | 3950754  | 2.374  | 1.417 #  |
| 2)                          | SA Decachlor... | 8.234  | 9.239  | 9824334  | 6019612  | 1.889  | 2.328    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.215  | 4.770  | 5982116  | 7328030  | 0.819  | 2.058 #  |
| 4)                          | MA Heptachlor   | 4.492  | 0.000  | 2714014  | 0        | 0.368  | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 5.584f | 0        | 3152041  | N.D.   | 1.044 #  |
| 6)                          | B beta-BHC      | 4.460  | 4.985f | 2953580  | 17125114 | 0.931  | 10.685 # |
| 7)                          | B delta-BHC     | 4.663  | 0.000  | 2000256  | 0        | 0.300  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.200  | 0.000  | 169691   | 0        | 0.026  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.562  | 6.311f | 27153691 | 4783885  | 4.532  | 1.868 #  |
| 10)                         | B gamma-Chl...  | 5.424  | 6.231  | 4133143  | 3841068  | 0.628  | 1.370 #  |
| 11)                         | B alpha-Chl...  | 5.483  | 6.311  | 11631939 | 4783885  | 1.788  | 1.724    |
| 12)                         | B 4,4'-DDE      | 5.672  | 6.463  | 2098683  | 4667888  | 0.369  | 1.765 #  |
| 13)                         | MA Dieldrin     | 5.783  | 6.646  | 18627464 | 1234647  | 2.946  | 0.464 #  |
| 15)                         | B Endosulfa...  | 6.315  | 7.042  | 5975600  | 3624795  | 1.066  | 1.526 #  |
| 16)                         | A 4,4'-DDD      | 6.170  | 6.955  | -550246  | 4621783  | N.D.   | 2.206    |
| 17)                         | MA 4,4'-DDT     | 6.407  | 0.000  | 354857   | 0        | 0.078  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.711  | 0.000  | 3182717  | 0        | 0.626  | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 7.776f | 0        | 5025377  | N.D.   | 4.269 #  |
| 21)                         | B Endrin ke...  | 7.127f | 7.834  | 15741394 | 2536212  | 3.007  | 1.079 #  |
| 23)                         | Chlordane-1     | 4.359  | 0.000  | 5974654  | 0        | 23.410 | N.D. #   |
| 24)                         | Chlordane-2     | 4.861  | 5.584  | 6197601  | 3152041  | 22.963 | 25.487   |
| 25)                         | Chlordane-3     | 5.424  | 6.231  | 4133143  | 3841068  | 5.400  | 9.528 #  |
| 26)                         | Chlordane-4     | 5.483  | 6.311  | 11631939 | 4783885  | 17.349 | 10.079 # |
| 27)                         | Chlordane-5     | 6.315  | 0.000  | 5975600  | 0        | 27.573 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

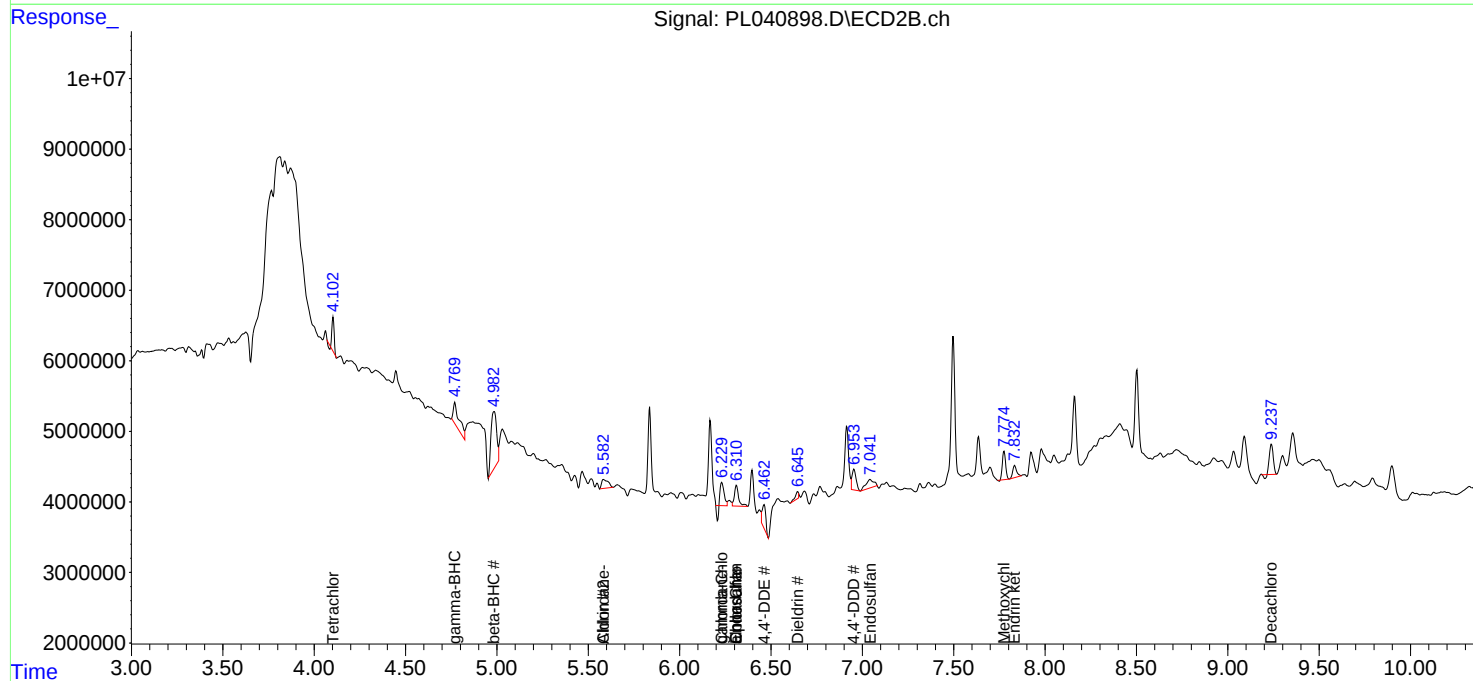
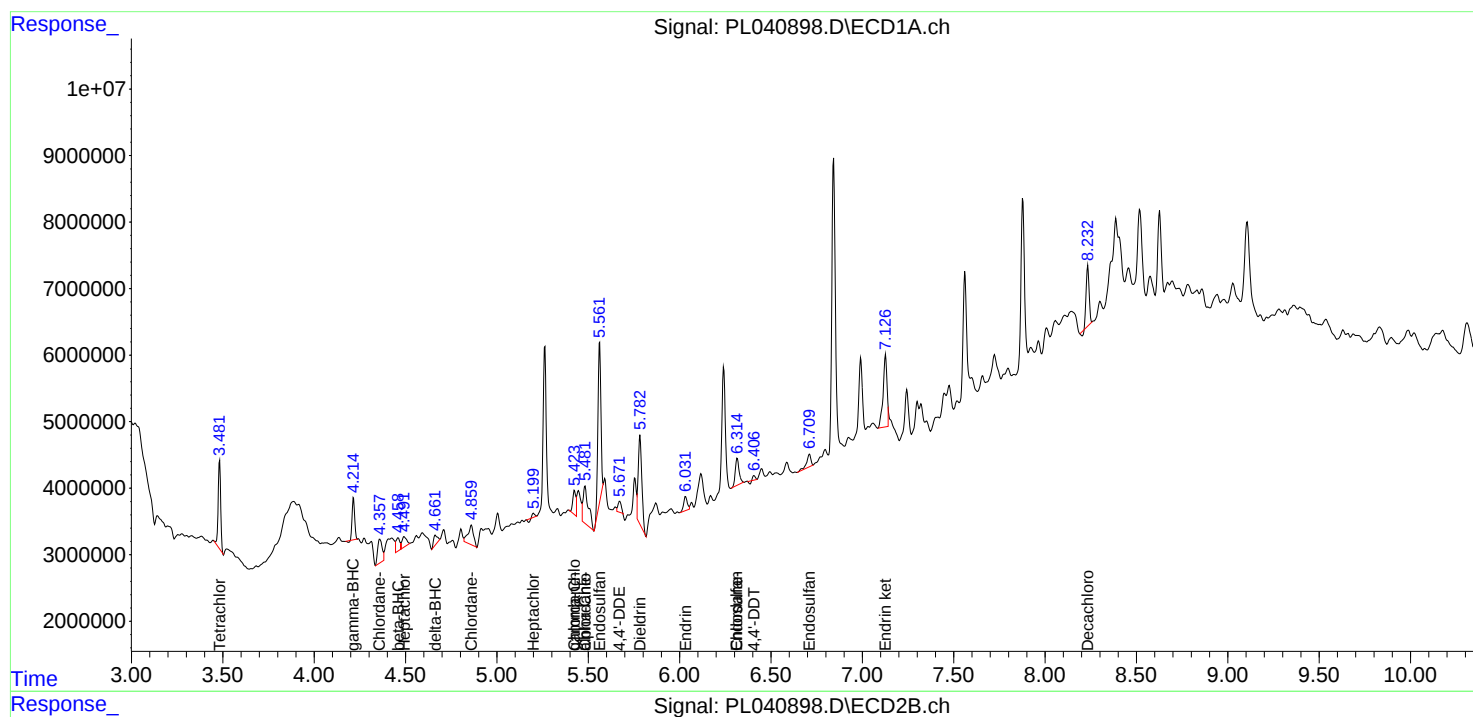
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

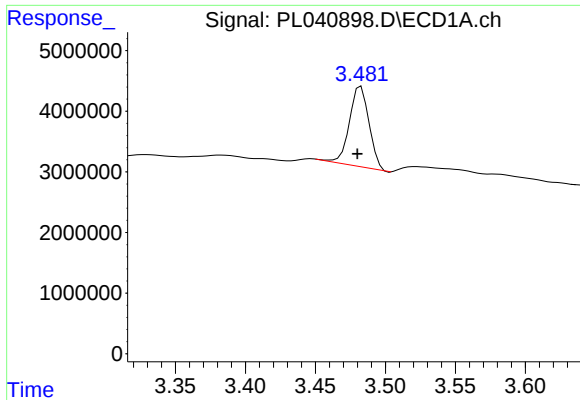
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101118\  
Data File : PL040898.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Oct 2018 10:26  
Operator : AJ\SJ  
Sample : J5200-05 10X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 10:51:20 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

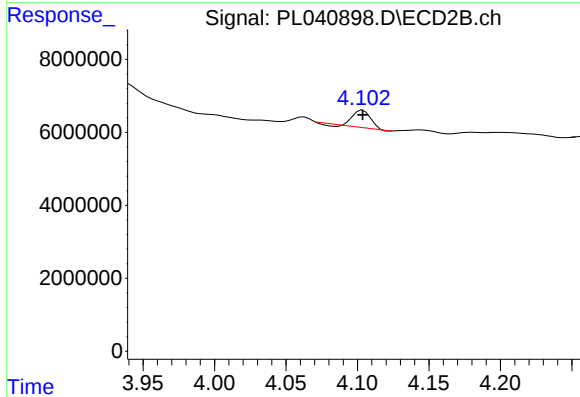




#1 Tetrachloro-m-xylene

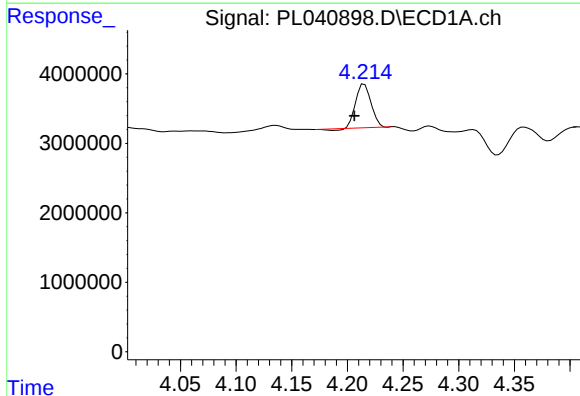
R.T.: 3.483 min  
Delta R.T.: 0.003 min  
Response: 13013158  
Conc: 2.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



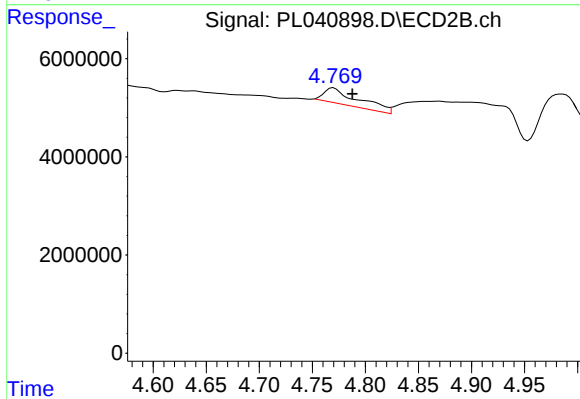
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 3950754  
Conc: 1.42 ng/ml



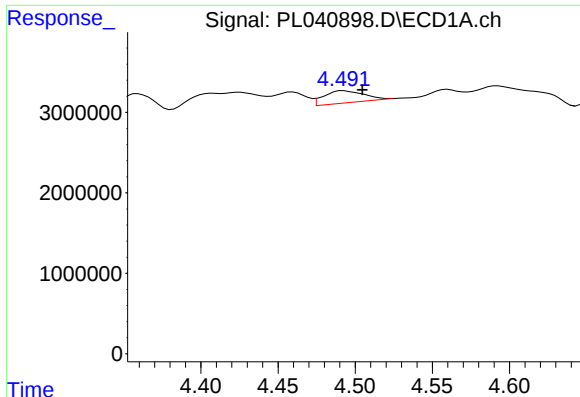
#3 gamma-BHC (Lindane)

R.T.: 4.215 min  
Delta R.T.: 0.009 min  
Response: 5982116  
Conc: 0.82 ng/ml



#3 gamma-BHC (Lindane)

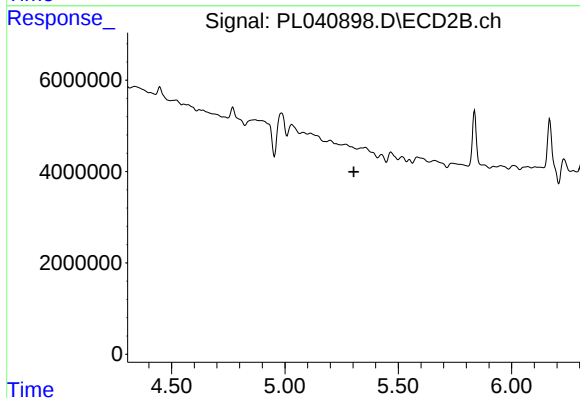
R.T.: 4.770 min  
Delta R.T.: -0.018 min  
Response: 7328030  
Conc: 2.06 ng/ml



#4 Heptachlor

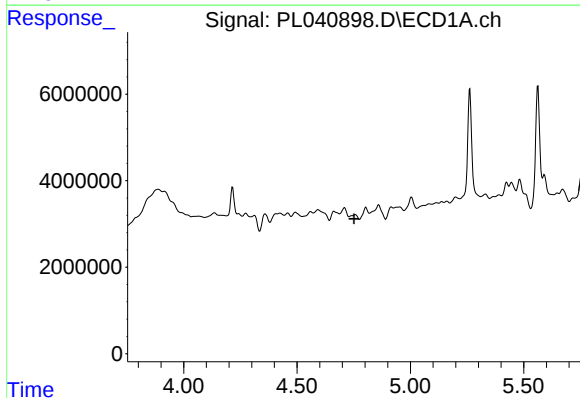
R.T.: 4.492 min  
Delta R.T.: -0.012 min  
Response: 2714014  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



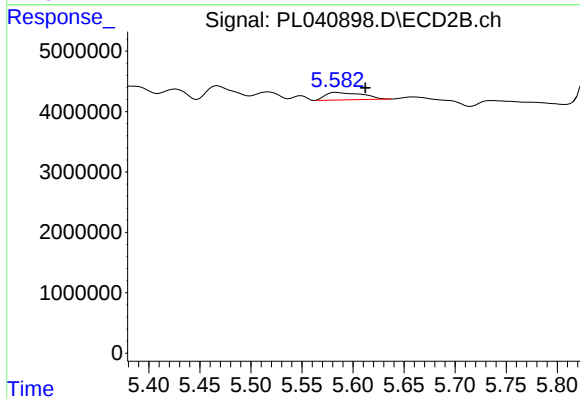
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 5.304 min  
Response: 0  
Conc: N.D.



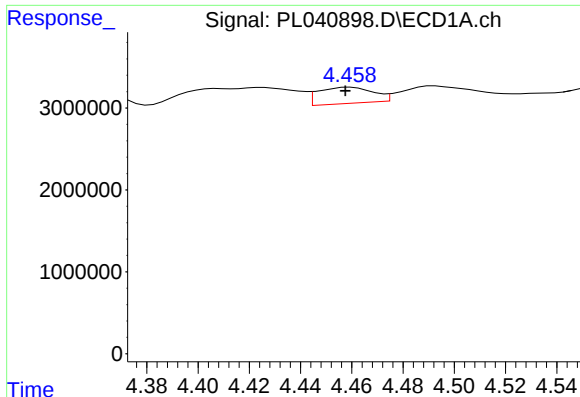
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.752 min  
Response: 0  
Conc: N.D.



#5 Aldrin

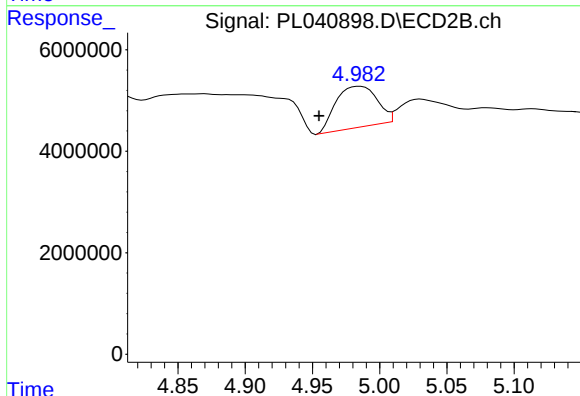
R.T.: 5.584 min  
Delta R.T.: -0.029 min  
Response: 3152041  
Conc: 1.04 ng/ml



#6 beta-BHC

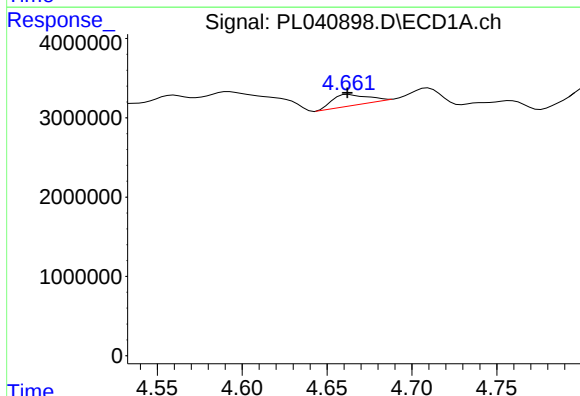
R.T.: 4.460 min  
Delta R.T.: 0.002 min  
Response: 2953580  
Conc: 0.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



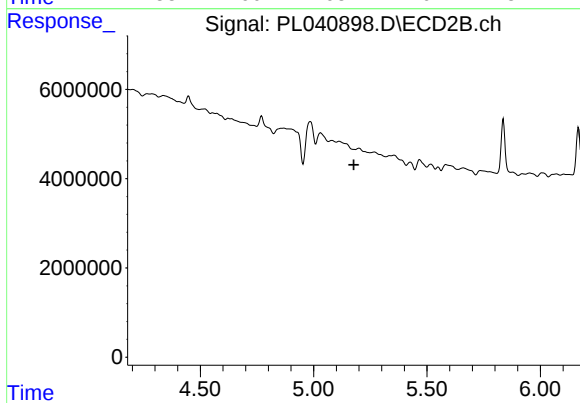
#6 beta-BHC

R.T.: 4.985 min  
Delta R.T.: 0.030 min  
Response: 17125114  
Conc: 10.69 ng/ml



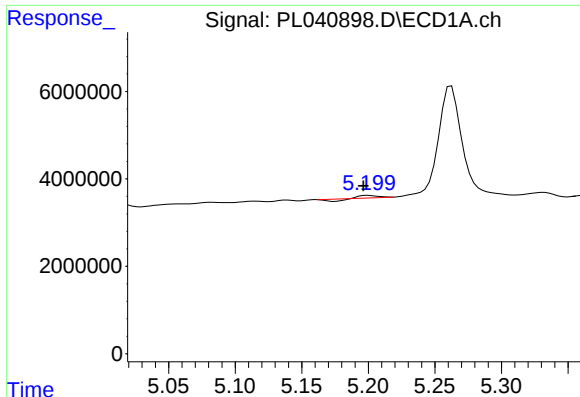
#7 delta-BHC

R.T.: 4.663 min  
Delta R.T.: 0.000 min  
Response: 2000256  
Conc: 0.30 ng/ml



#7 delta-BHC

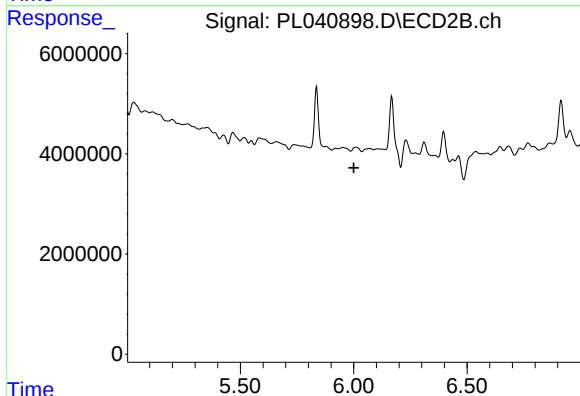
R.T.: 0.000 min  
Exp R.T. : 5.176 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

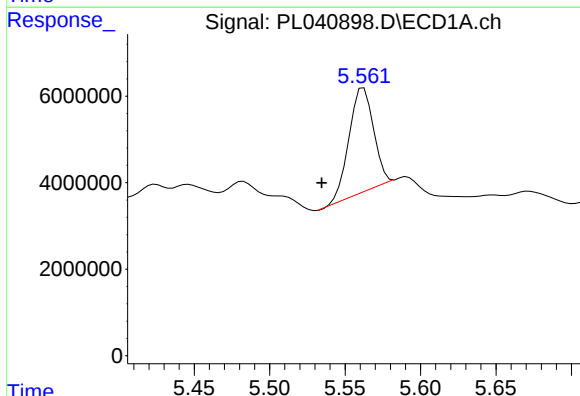
R.T.: 5.200 min  
Delta R.T.: 0.004 min  
Response: 169691  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



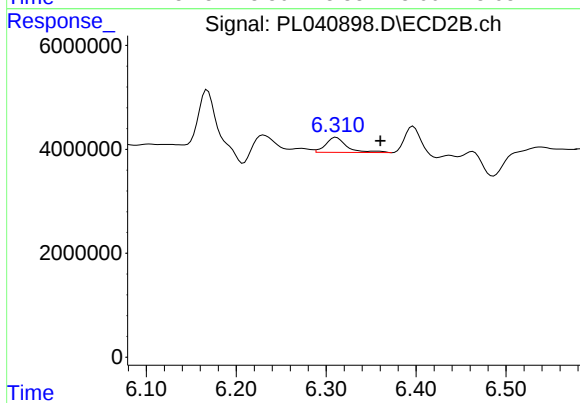
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 6.000 min  
Response: 0  
Conc: N.D.



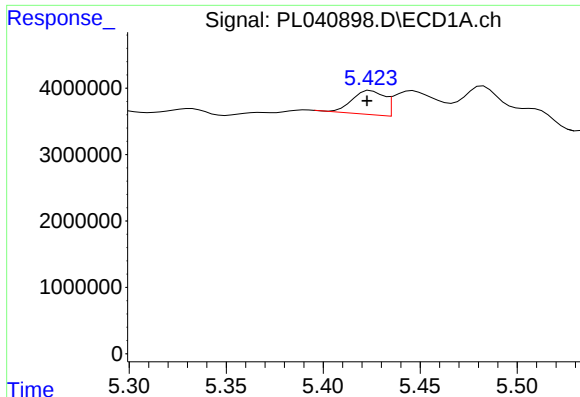
#9 Endosulfan I

R.T.: 5.562 min  
Delta R.T.: 0.028 min  
Response: 27153691  
Conc: 4.53 ng/ml



#9 Endosulfan I

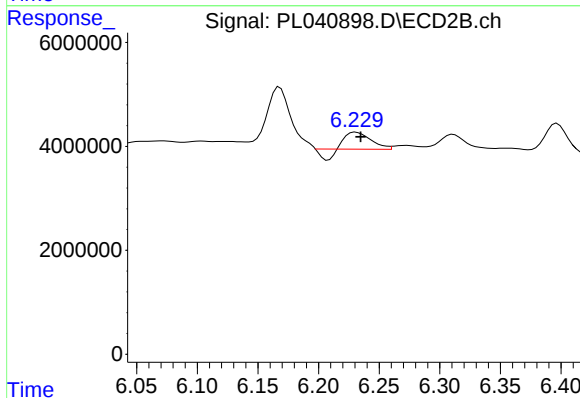
R.T.: 6.311 min  
Delta R.T.: -0.049 min  
Response: 4783885  
Conc: 1.87 ng/ml



#10 gamma-Chlordane

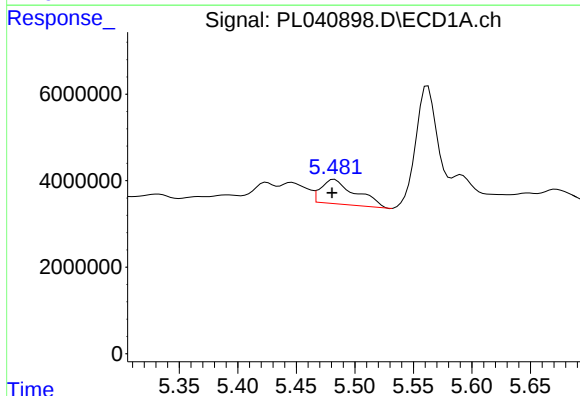
R.T.: 5.424 min  
Delta R.T.: 0.002 min  
Response: 4133143  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



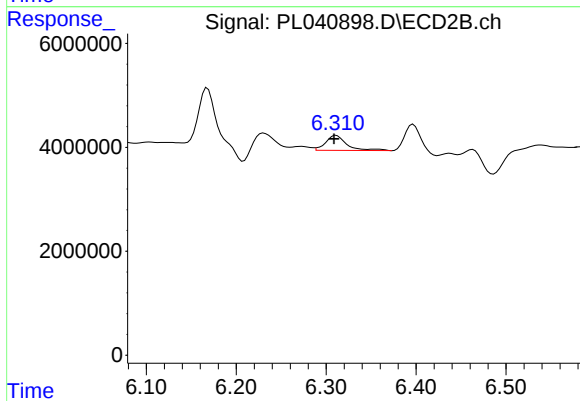
#10 gamma-Chlordane

R.T.: 6.231 min  
Delta R.T.: -0.004 min  
Response: 3841068  
Conc: 1.37 ng/ml



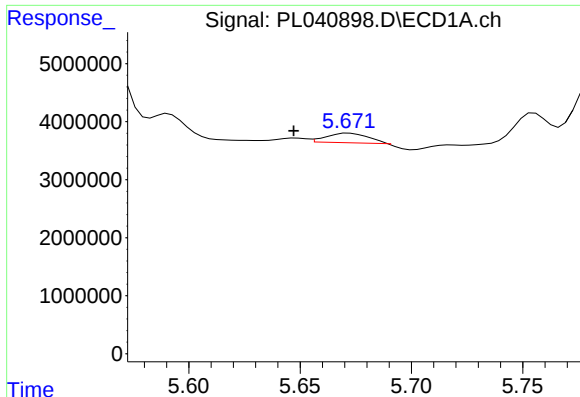
#11 alpha-Chlordane

R.T.: 5.483 min  
Delta R.T.: 0.002 min  
Response: 11631939  
Conc: 1.79 ng/ml



#11 alpha-Chlordane

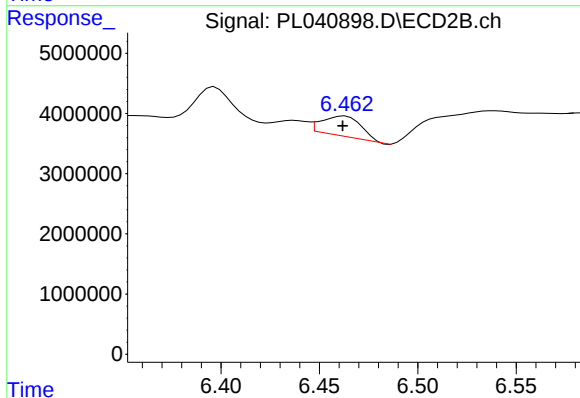
R.T.: 6.311 min  
Delta R.T.: 0.003 min  
Response: 4783885  
Conc: 1.72 ng/ml



#12 4,4'-DDE

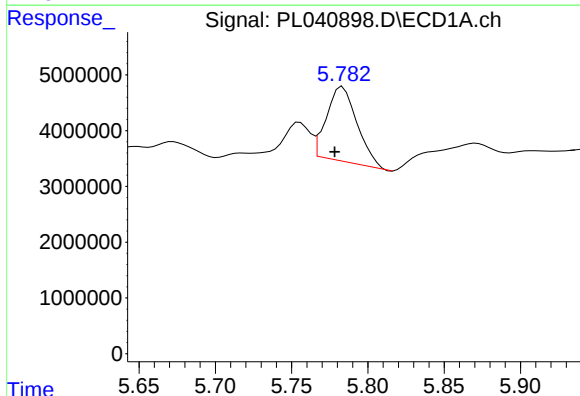
R.T.: 5.672 min  
Delta R.T.: 0.025 min  
Response: 2098683  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



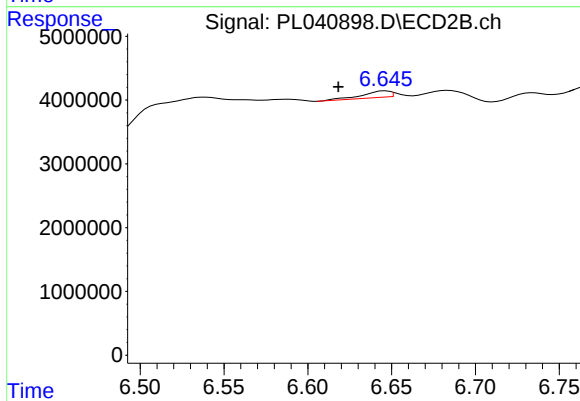
#12 4,4'-DDE

R.T.: 6.463 min  
Delta R.T.: 0.001 min  
Response: 4667888  
Conc: 1.76 ng/ml



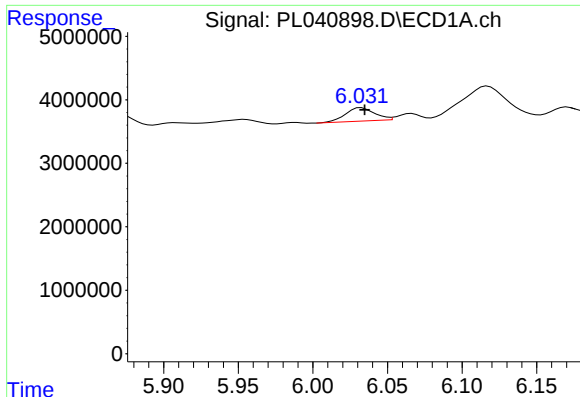
#13 Dieldrin

R.T.: 5.783 min  
Delta R.T.: 0.005 min  
Response: 18627464  
Conc: 2.95 ng/ml



#13 Dieldrin

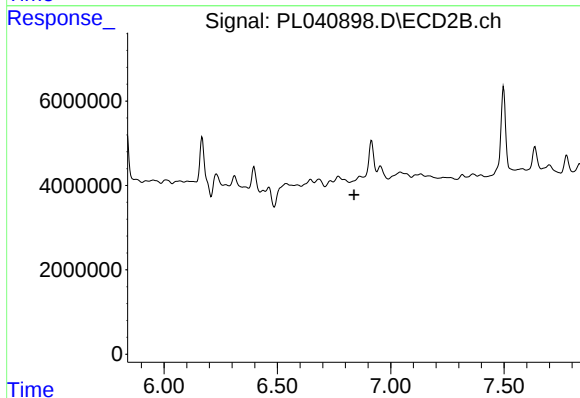
R.T.: 6.646 min  
Delta R.T.: 0.028 min  
Response: 1234647  
Conc: 0.46 ng/ml



#14 Endrin

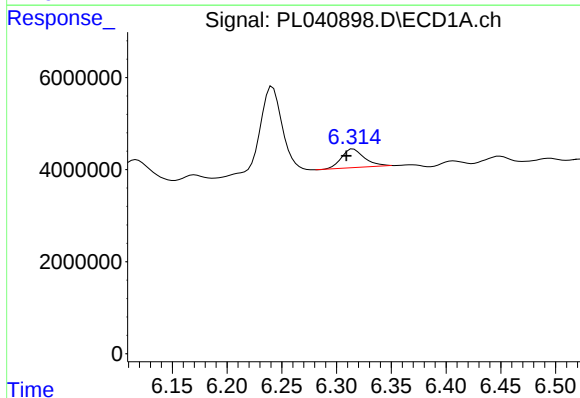
R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 2859684  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



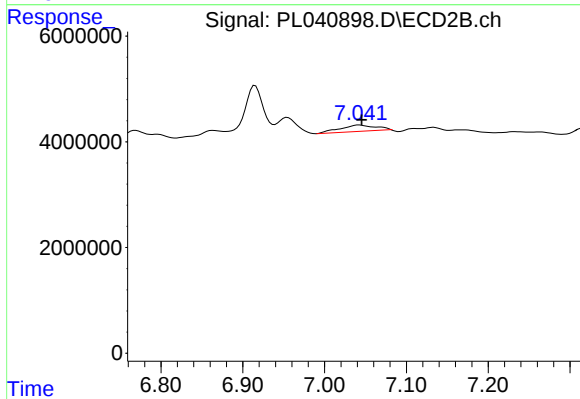
#14 Endrin

R.T.: 6.864 min  
Delta R.T.: 0.026 min  
Response: -1450801  
Conc: N.D.



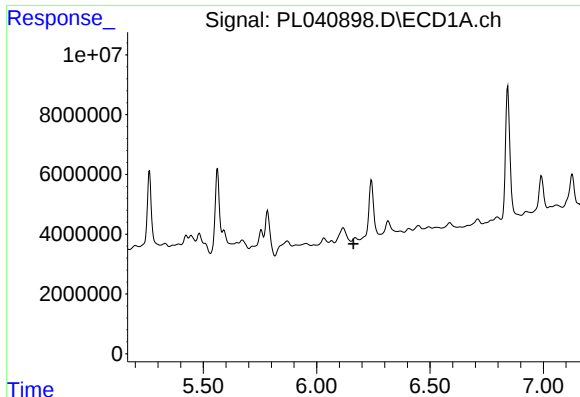
#15 Endosulfan II

R.T.: 6.315 min  
Delta R.T.: 0.006 min  
Response: 5975600  
Conc: 1.07 ng/ml



#15 Endosulfan II

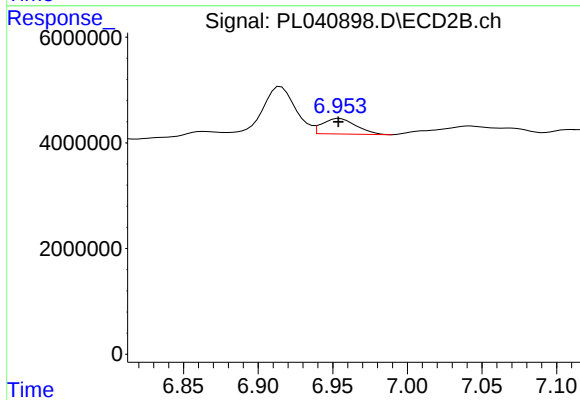
R.T.: 7.042 min  
Delta R.T.: -0.003 min  
Response: 3624795  
Conc: 1.53 ng/ml



#16 4,4'-DDD

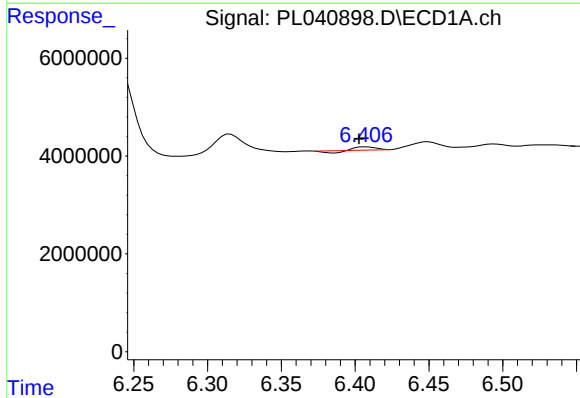
R.T.: 6.170 min  
Delta R.T.: 0.007 min  
Response: -550246  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



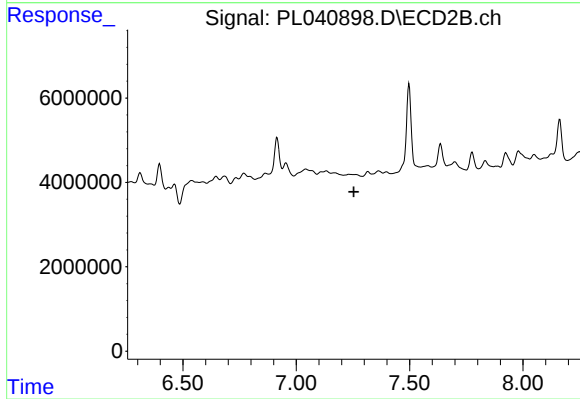
#16 4,4'-DDD

R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 4621783  
Conc: 2.21 ng/ml



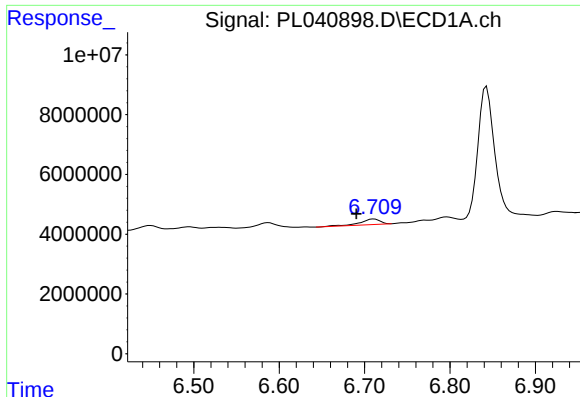
#17 4,4'-DDT

R.T.: 6.407 min  
Delta R.T.: 0.004 min  
Response: 354857  
Conc: 0.08 ng/ml



#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 7.254 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

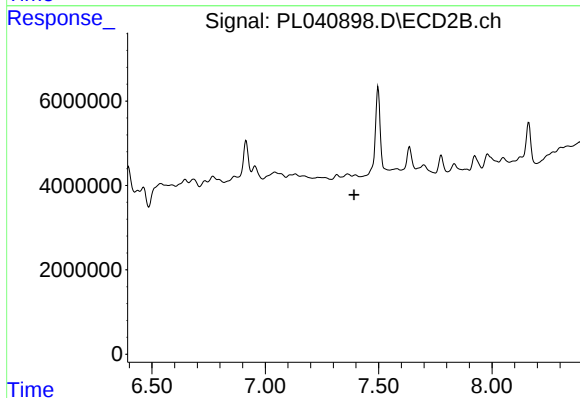
R.T.: 6.711 min

Delta R.T.: 0.020 min

Response: 3182717

Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



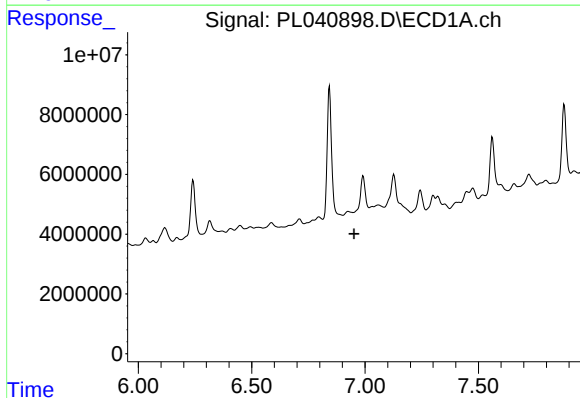
#19 Endosulfan Sulfate

R.T.: 0.000 min

Exp R.T. : 7.392 min

Response: 0

Conc: N.D.



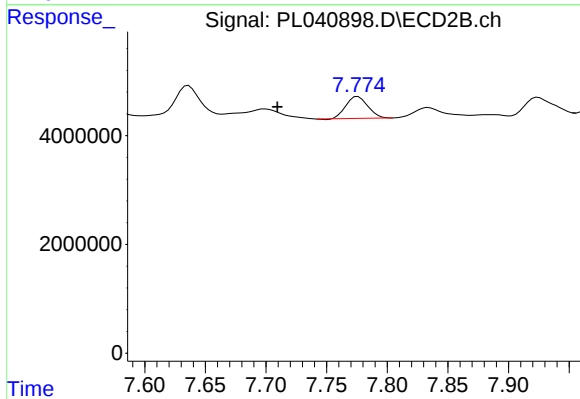
#20 Methoxychlor

R.T.: 0.000 min

Exp R.T. : 6.952 min

Response: 0

Conc: N.D.



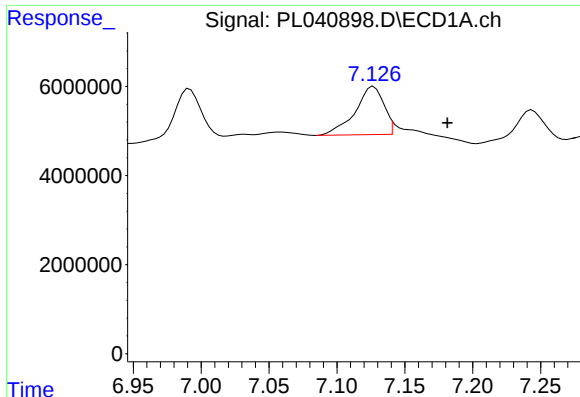
#20 Methoxychlor

R.T.: 7.776 min

Delta R.T.: 0.067 min

Response: 5025377

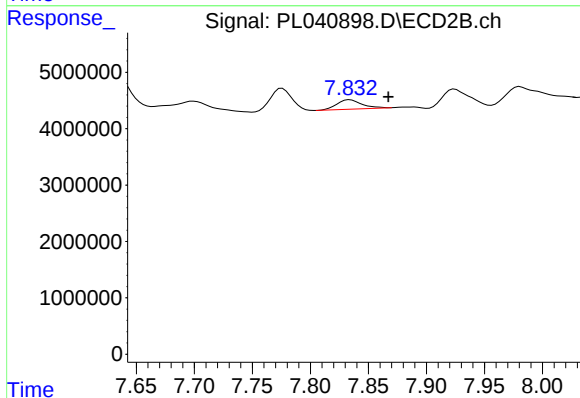
Conc: 4.27 ng/ml



#21 Endrin ketone

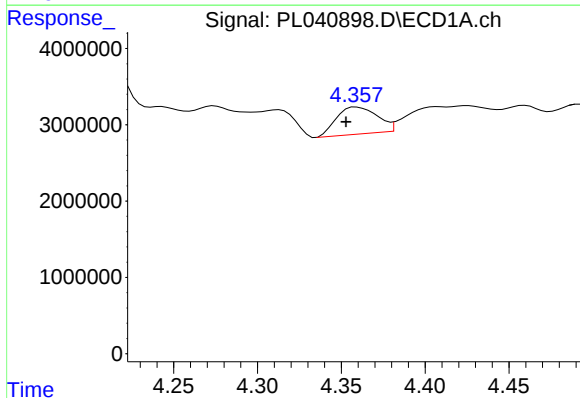
R.T.: 7.127 min  
Delta R.T.: -0.054 min  
Response: 15741394  
Conc: 3.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



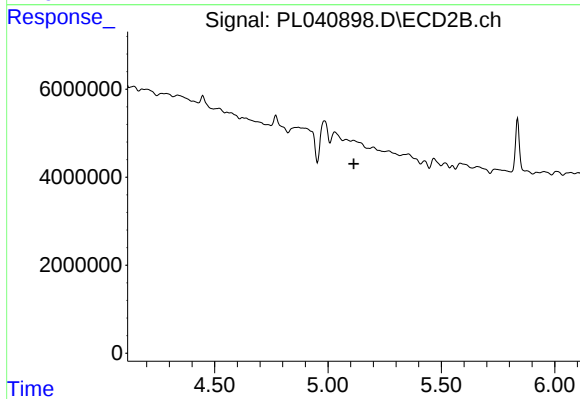
#21 Endrin ketone

R.T.: 7.834 min  
Delta R.T.: -0.033 min  
Response: 2536212  
Conc: 1.08 ng/ml



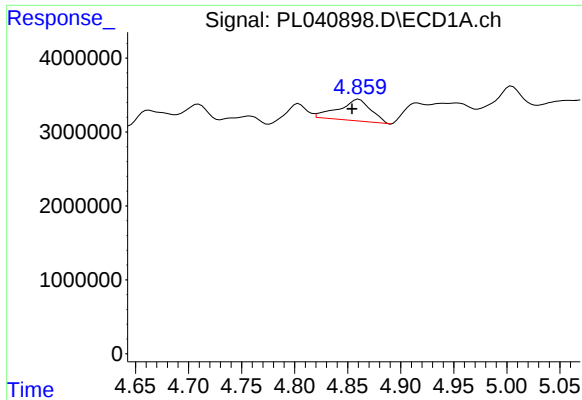
#23 Chlordane-1

R.T.: 4.359 min  
Delta R.T.: 0.006 min  
Response: 5974654  
Conc: 23.41 ng/ml



#23 Chlordane-1

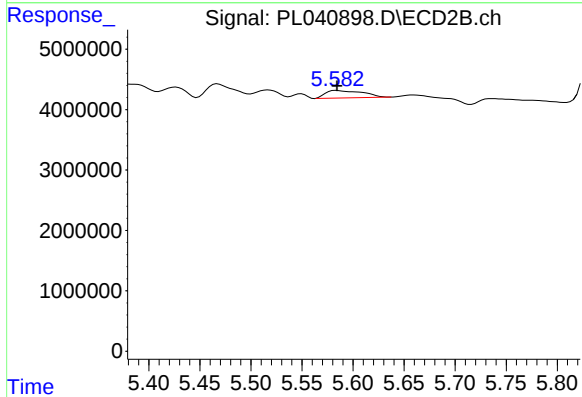
R.T.: 0.000 min  
Exp R.T.: 5.114 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

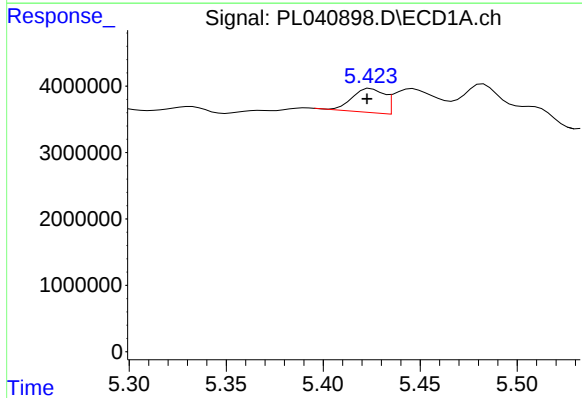
R.T.: 4.861 min  
Delta R.T.: 0.007 min  
Response: 6197601  
Conc: 22.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



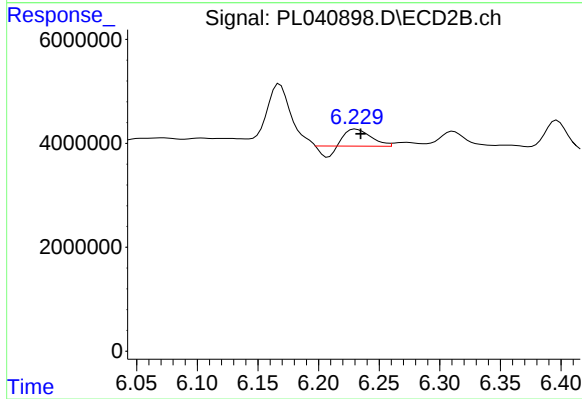
#24 Chlordane-2

R.T.: 5.584 min  
Delta R.T.: 0.000 min  
Response: 3152041  
Conc: 25.49 ng/ml



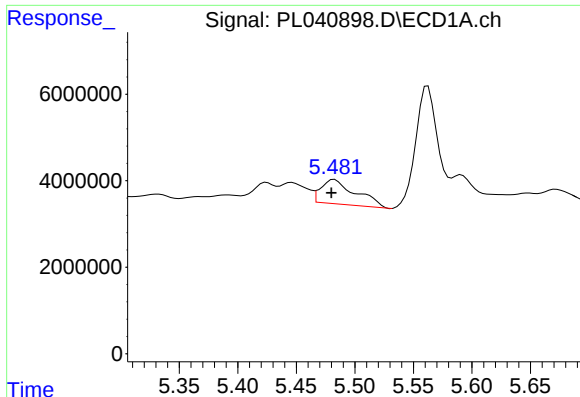
#25 Chlordane-3

R.T.: 5.424 min  
Delta R.T.: 0.002 min  
Response: 4133143  
Conc: 5.40 ng/ml



#25 Chlordane-3

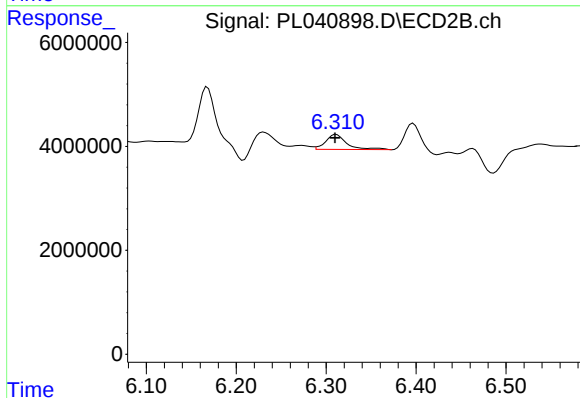
R.T.: 6.231 min  
Delta R.T.: -0.004 min  
Response: 3841068  
Conc: 9.53 ng/ml



#26 Chlordane-4

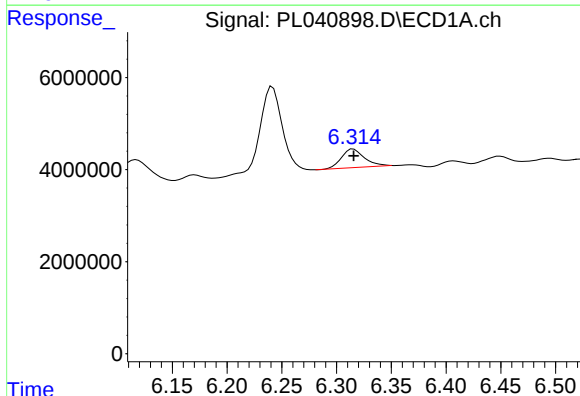
R.T.: 5.483 min  
Delta R.T.: 0.003 min  
Response: 11631939  
Conc: 17.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



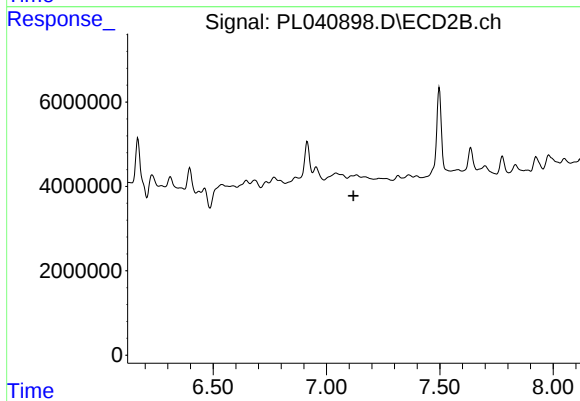
#26 Chlordane-4

R.T.: 6.311 min  
Delta R.T.: 0.001 min  
Response: 4783885  
Conc: 10.08 ng/ml



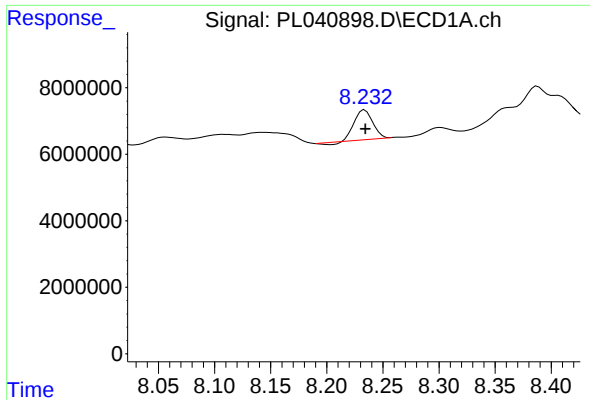
#27 Chlordane-5

R.T.: 6.315 min  
Delta R.T.: 0.000 min  
Response: 5975600  
Conc: 27.57 ng/ml



#27 Chlordane-5

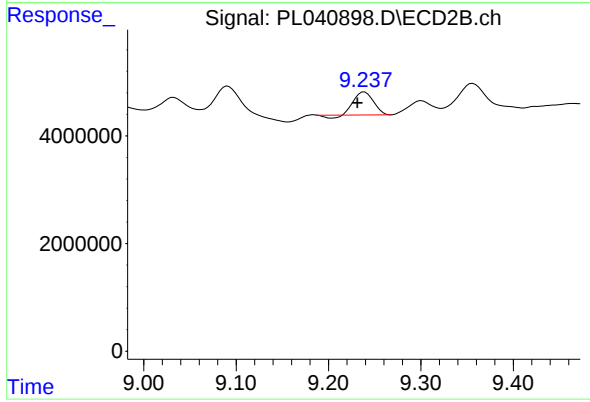
R.T.: 0.000 min  
Exp R.T.: 7.120 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.234 min  
Delta R.T.: 0.000 min  
Response: 9824334  
Conc: 1.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.239 min  
Delta R.T.: 0.007 min  
Response: 6019612  
Conc: 2.33 ng/ml