

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121823\  
 Data File : PL087231.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Dec 2023 16:49  
 Operator : AR\AJ  
 Sample : 05798-01  
 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: Dec 18 17:25:25 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 2023  
 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... | 3.429  | 2.681  | 33839892 | 13957383 | 8.992  | 8.292    |
| 28)                         | SA Decachlor... | 8.994  | 7.878  | 33247494 | 16775842 | 9.750  | 9.933    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.813  | 3.860  | 662864   | 70679    | 0.124  | 0.030 #  |
| 5)                          | MB Aldrin       | 5.129f | 4.144  | 9462934  | 458752   | 1.818  | 0.191 #  |
| 7)                          | B delta-BHC     | 4.671  | 4.050  | 1112722  | 689673   | 0.213  | 0.282 #  |
| 8)                          | B Heptachlo...  | 5.605f | 0.000  | 2914897  | 0        | 0.619  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.967  | 5.030  | 1614754  | 603057   | 0.362  | 0.279    |
| 10)                         | B gamma-Chl...  | 5.847  | 4.932f | 1629684  | 2631465  | 0.336  | 1.150 #  |
| 11)                         | B alpha-Chl...  | 5.930  | 4.967  | 8569794  | 2842367  | 1.783  | 1.232 #  |
| 12)                         | B 4,4'-DDE      | 6.107  | 5.167  | 3500076  | 1245615  | 0.845  | 0.627 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.297  | 0        | 4801     | N.D.   | 0.002 #  |
| 14)                         | MA Endrin       | 0.000  | 5.585f | 0        | 409905   | N.D.   | 0.205 #  |
| 15)                         | B Endosulfa...  | 6.689  | 5.867  | 12259654 | 1601555  | 3.057  | 0.823 #  |
| 16)                         | A 4,4'-DDD      | 6.597f | 0.000  | 509369   | 0        | 0.154  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.944  | 5.977  | 2715316  | 1370785  | 0.722  | 0.743    |
| 18)                         | B Endrin al...  | 0.000  | 6.032  | 0        | 4915319  | N.D.   | 3.349 #  |
| 19)                         | B Endosulfa...  | 7.084  | 6.274  | 594155   | 11401    | 0.151  | 0.006 #  |
| 20)                         | A Methoxychlor  | 7.421  | 0.000  | 572252   | 0        | 0.293  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.690  | 0        | 108004   | N.D.   | 1.741 #  |
| 24)                         | Chlordane-2     | 5.129  | 4.271  | 9462934  | 4216809  | 54.326 | 54.926   |
| 25)                         | Chlordane-3     | 5.847  | 4.932f | 1629684  | 2631465  | 2.338  | 11.903 # |
| 26)                         | Chlordane-4     | 5.930  | 4.967  | 8569794  | 2842367  | 10.022 | 12.209   |
| 27)                         | Chlordane-5     | 6.783  | 5.643  | 3350151  | 264033   | 24.256 | 4.081 #  |
| -----                       |                 |        |        |          |          |        |          |

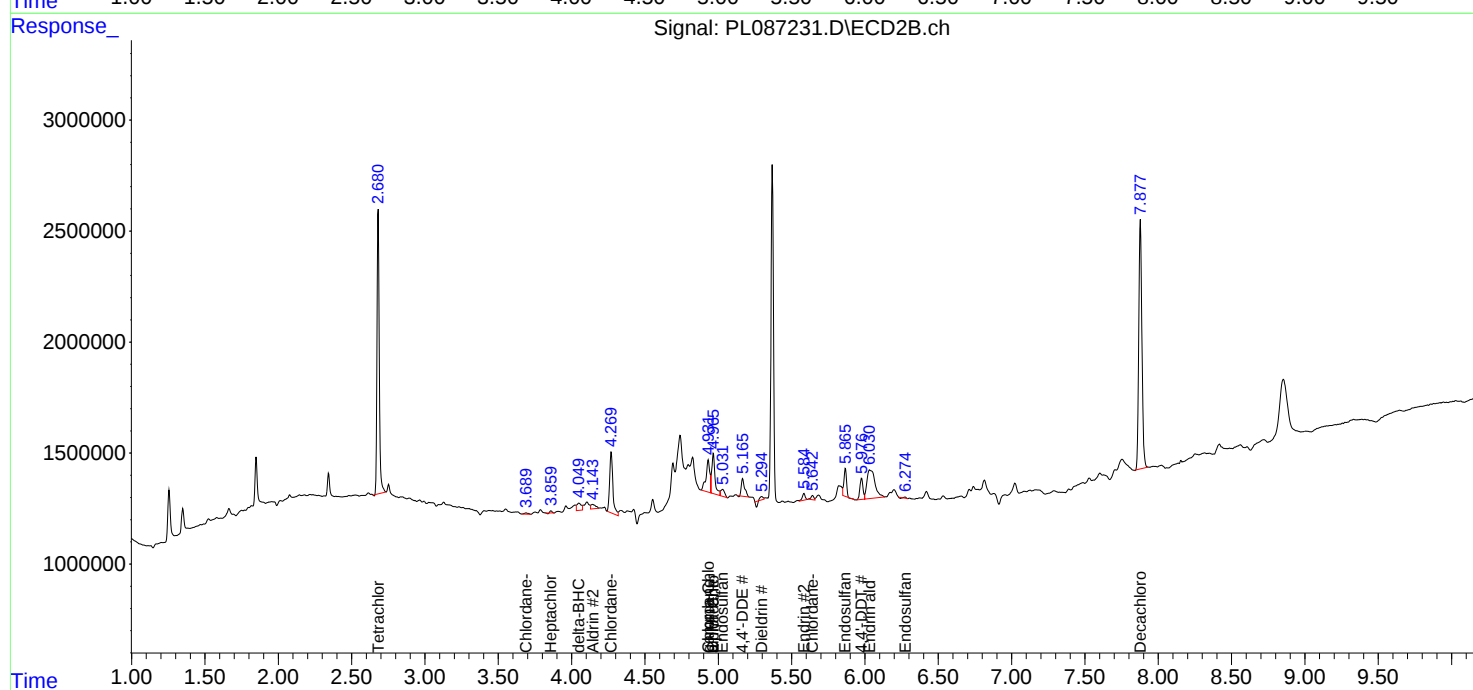
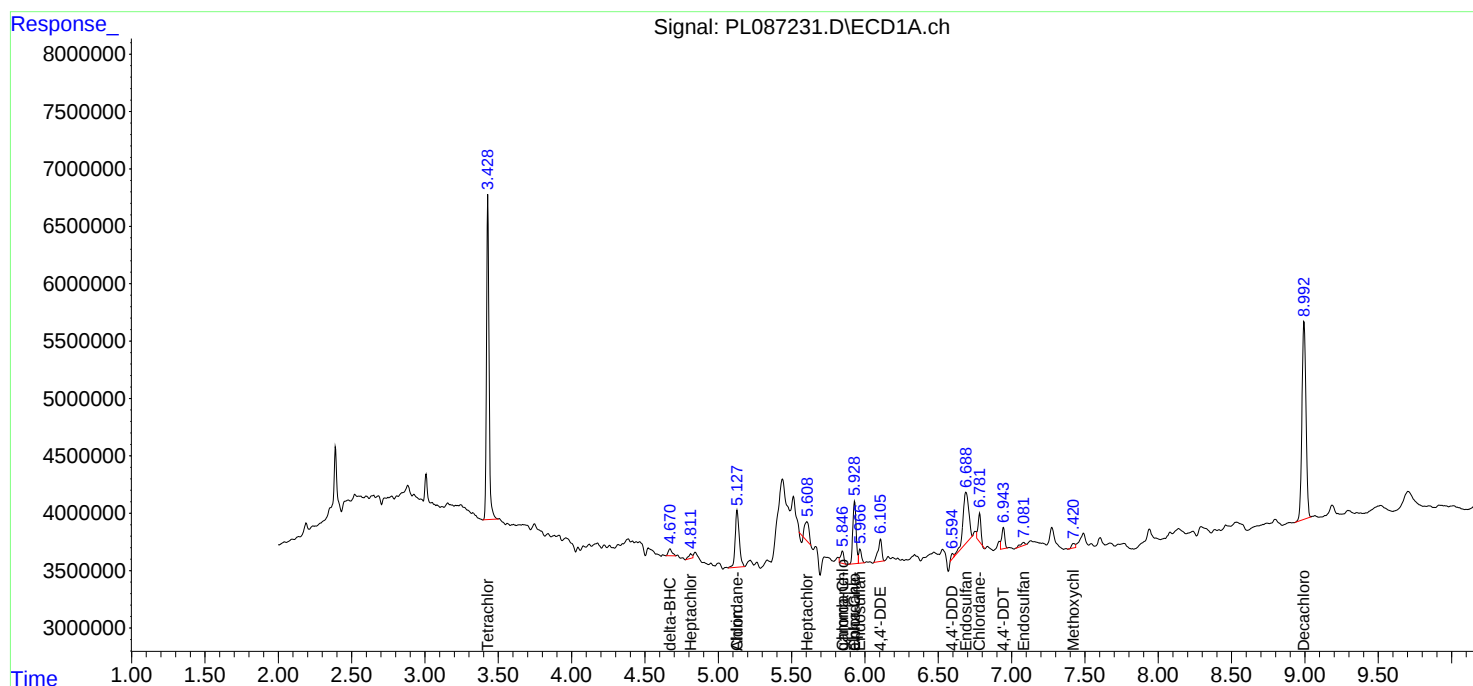
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

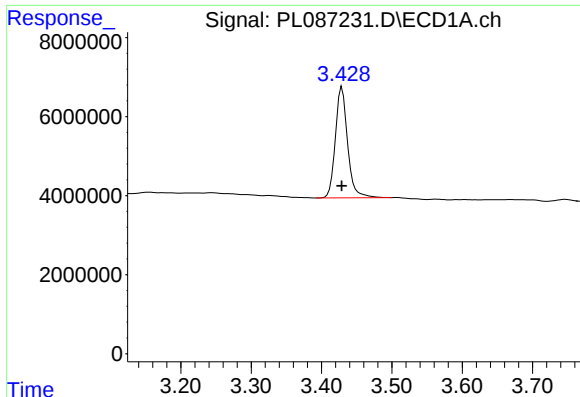
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121823\  
Data File : PL087231.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Dec 2023 16:49  
Operator : AR\AJ  
Sample : 05798-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 18 17:25:25 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 2023  
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

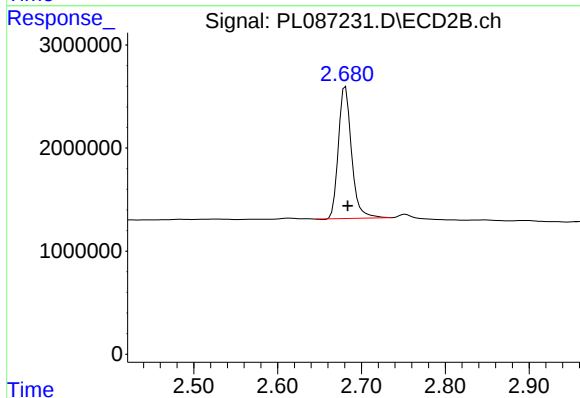




#1 Tetrachloro-m-xylene

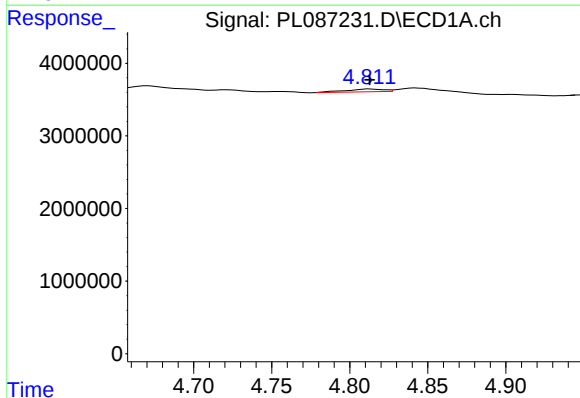
R.T.: 3.429 min  
Delta R.T.: 0.000 min  
Response: 33839892  
Conc: 8.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



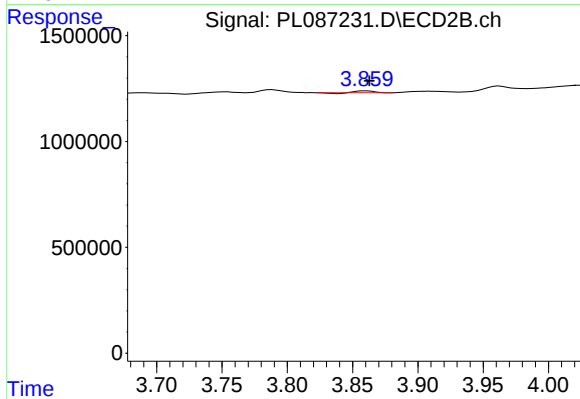
#1 Tetrachloro-m-xylene

R.T.: 2.681 min  
Delta R.T.: -0.003 min  
Response: 13957383  
Conc: 8.29 ng/ml



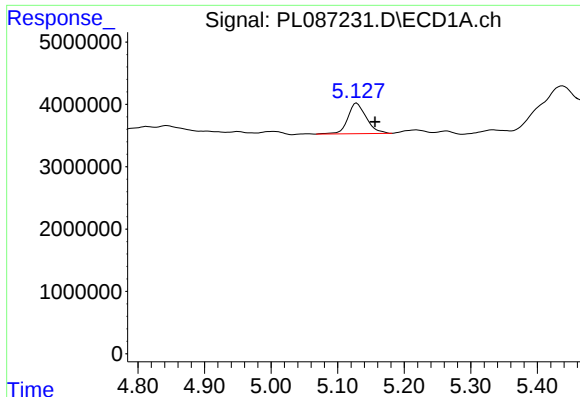
#4 Heptachlor

R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 662864  
Conc: 0.12 ng/ml



#4 Heptachlor

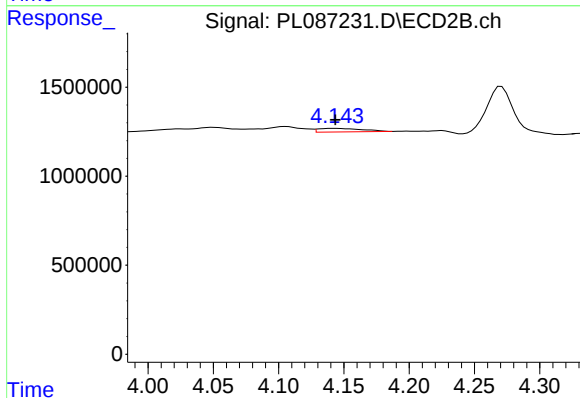
R.T.: 3.860 min  
Delta R.T.: -0.003 min  
Response: 70679  
Conc: 0.03 ng/ml



#5 Aldrin

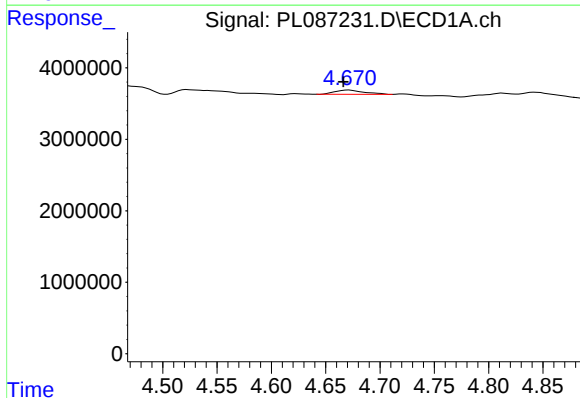
R.T.: 5.129 min  
Delta R.T.: -0.028 min  
Response: 9462934  
Conc: 1.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



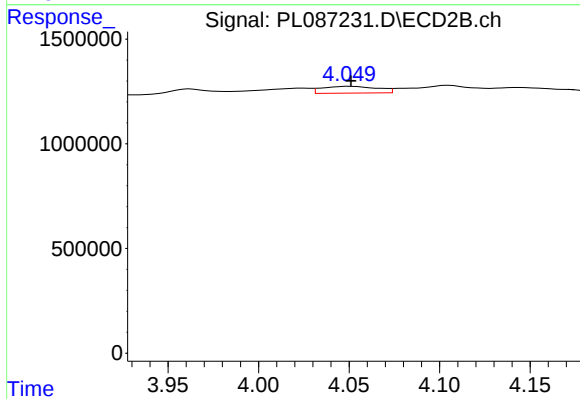
#5 Aldrin

R.T.: 4.144 min  
Delta R.T.: 0.000 min  
Response: 458752  
Conc: 0.19 ng/ml



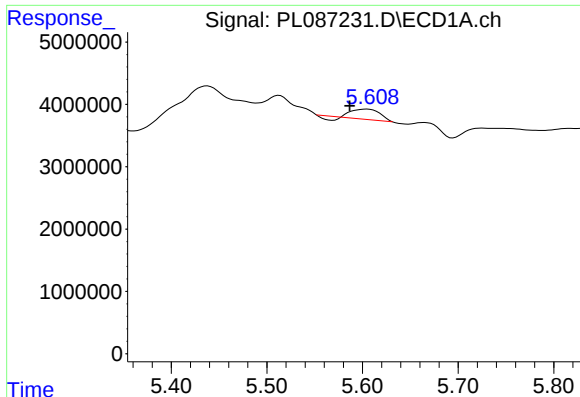
#7 delta-BHC

R.T.: 4.671 min  
Delta R.T.: 0.005 min  
Response: 1112722  
Conc: 0.21 ng/ml



#7 delta-BHC

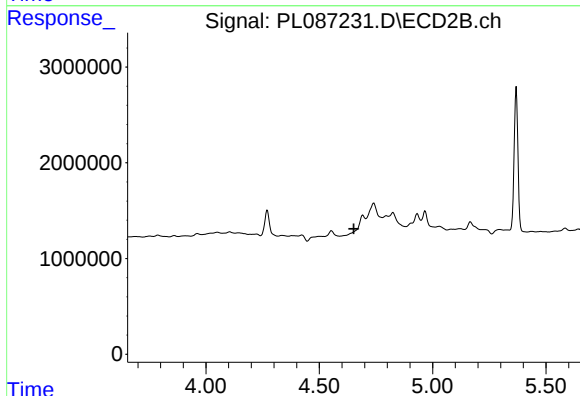
R.T.: 4.050 min  
Delta R.T.: 0.000 min  
Response: 689673  
Conc: 0.28 ng/ml



#8 Heptachlor epoxide

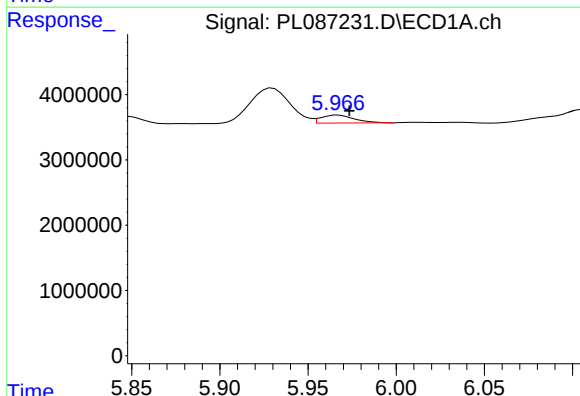
R.T.: 5.605 min  
Delta R.T.: 0.018 min  
Response: 2914897  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



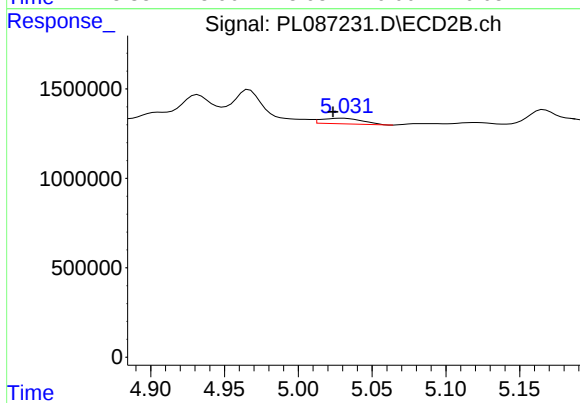
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.652 min  
Response: 0  
Conc: N.D.



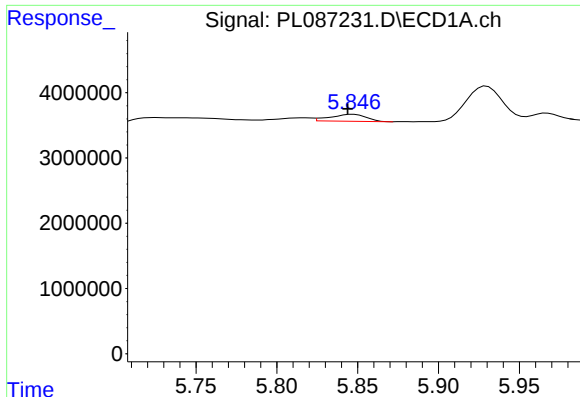
#9 Endosulfan I

R.T.: 5.967 min  
Delta R.T.: -0.006 min  
Response: 1614754  
Conc: 0.36 ng/ml



#9 Endosulfan I

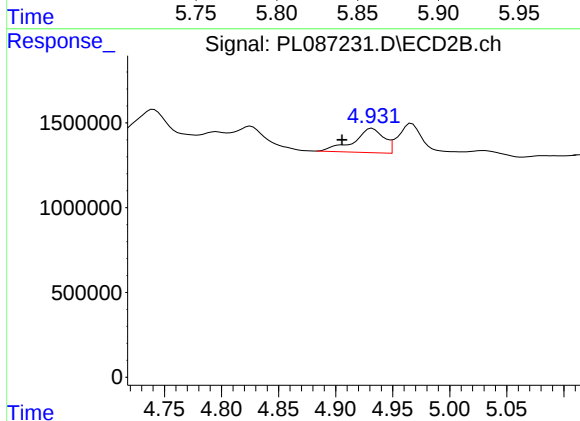
R.T.: 5.030 min  
Delta R.T.: 0.007 min  
Response: 603057  
Conc: 0.28 ng/ml



#10 gamma-Chlordane

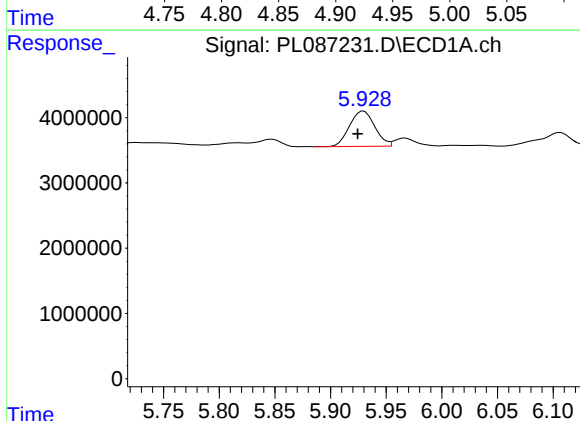
R.T.: 5.847 min  
Delta R.T.: 0.004 min  
Response: 1629684  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



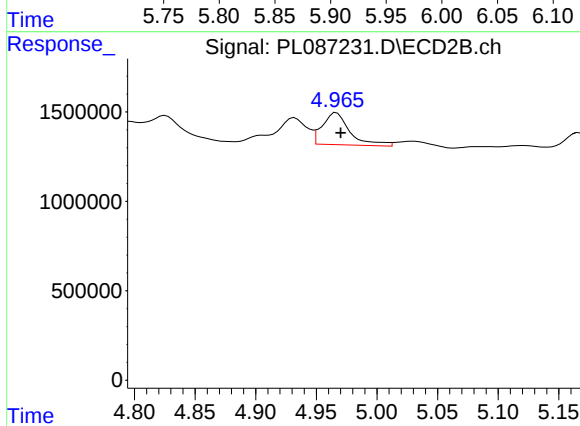
#10 gamma-Chlordane

R.T.: 4.932 min  
Delta R.T.: 0.026 min  
Response: 2631465  
Conc: 1.15 ng/ml



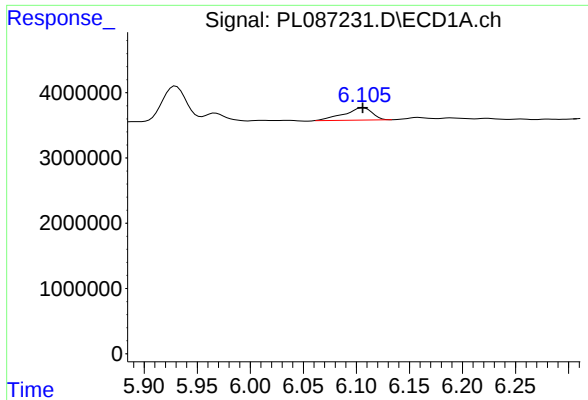
#11 alpha-Chlordane

R.T.: 5.930 min  
Delta R.T.: 0.005 min  
Response: 8569794  
Conc: 1.78 ng/ml



#11 alpha-Chlordane

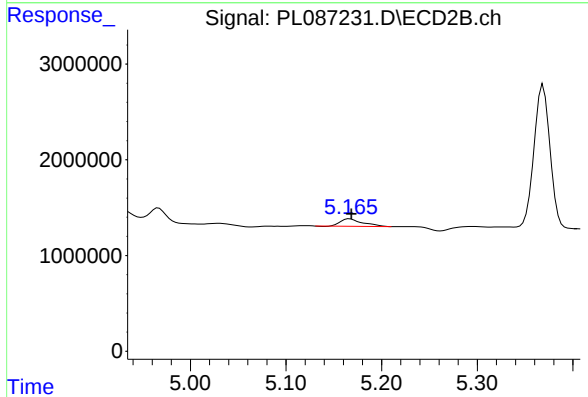
R.T.: 4.967 min  
Delta R.T.: -0.003 min  
Response: 2842367  
Conc: 1.23 ng/ml



#12 4,4'-DDE

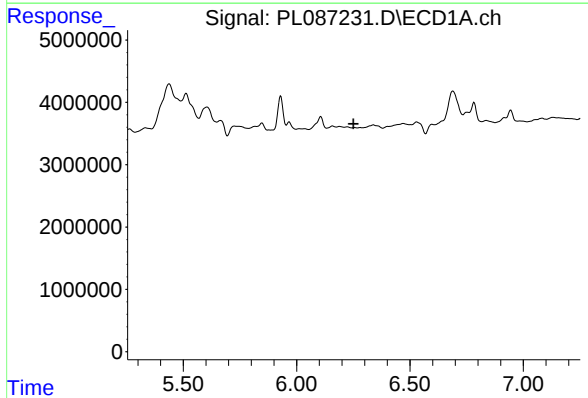
R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 3500076  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



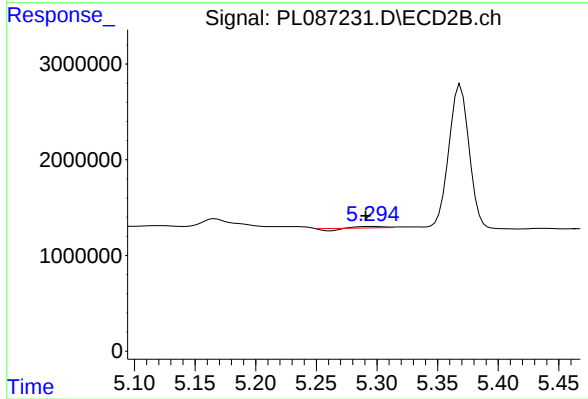
#12 4,4'-DDE

R.T.: 5.167 min  
Delta R.T.: -0.002 min  
Response: 1245615  
Conc: 0.63 ng/ml



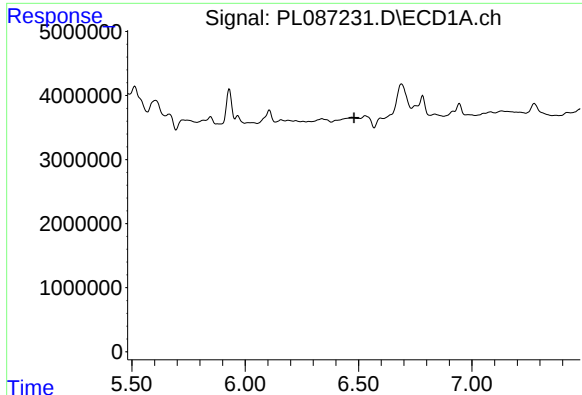
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.251 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

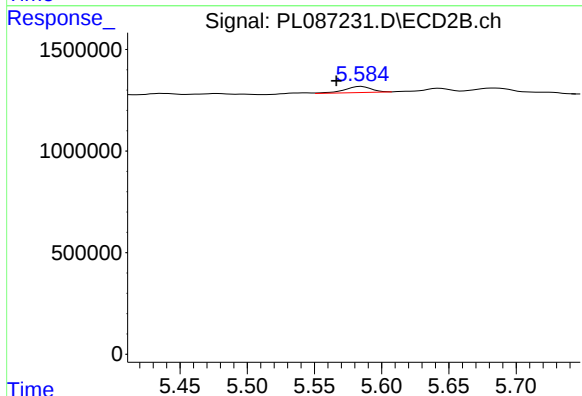
R.T.: 5.297 min  
Delta R.T.: 0.006 min  
Response: 4801  
Conc: 0.00 ng/ml



#14 Endrin

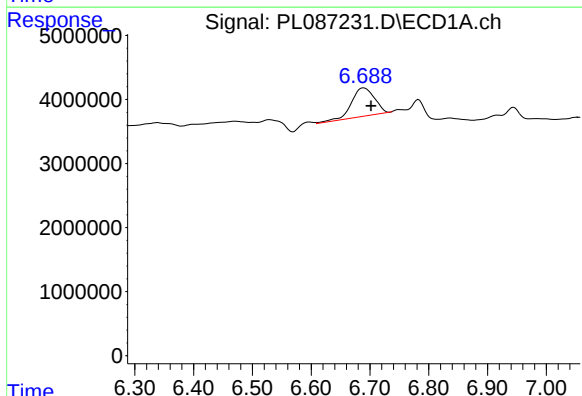
R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



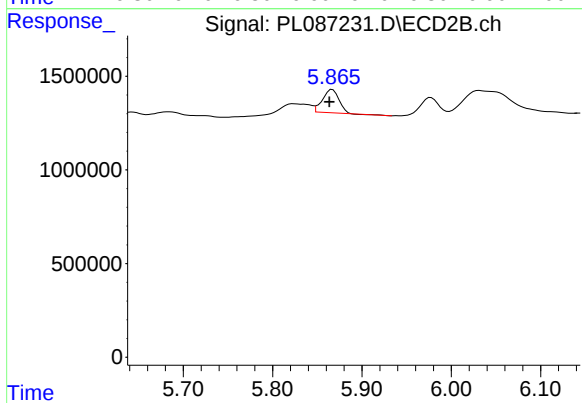
#14 Endrin

R.T.: 5.585 min  
Delta R.T.: 0.019 min  
Response: 409905  
Conc: 0.21 ng/ml



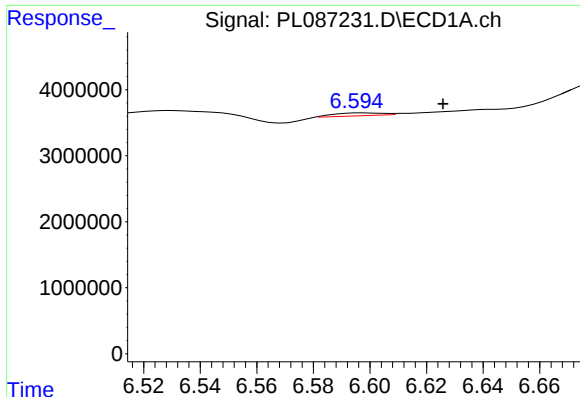
#15 Endosulfan II

R.T.: 6.689 min  
Delta R.T.: -0.013 min  
Response: 12259654  
Conc: 3.06 ng/ml



#15 Endosulfan II

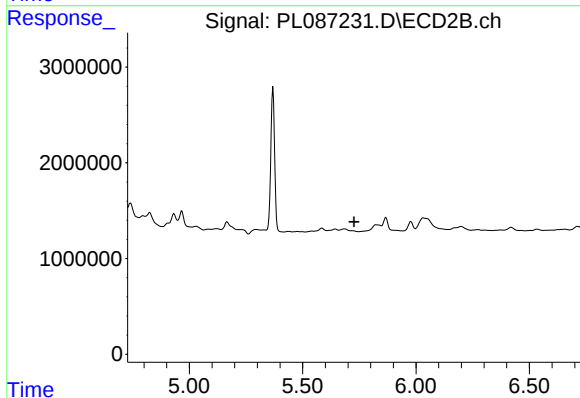
R.T.: 5.867 min  
Delta R.T.: 0.003 min  
Response: 1601555  
Conc: 0.82 ng/ml



#16 4,4'-DDD

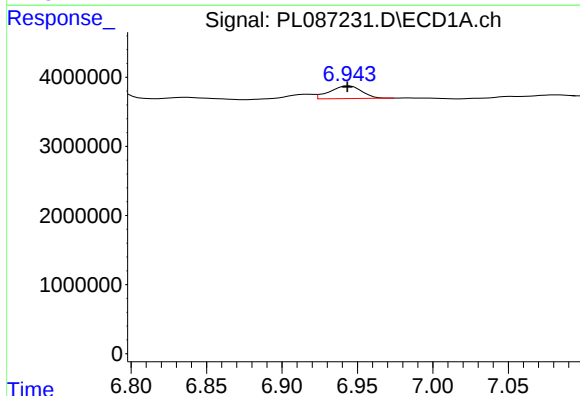
R.T.: 6.597 min  
Delta R.T.: -0.029 min  
Response: 509369  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



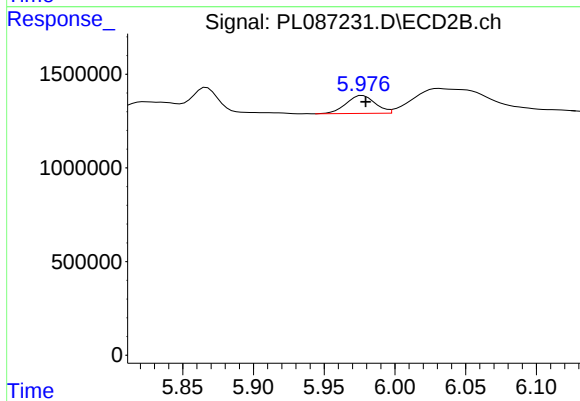
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.727 min  
Response: 0  
Conc: N.D.



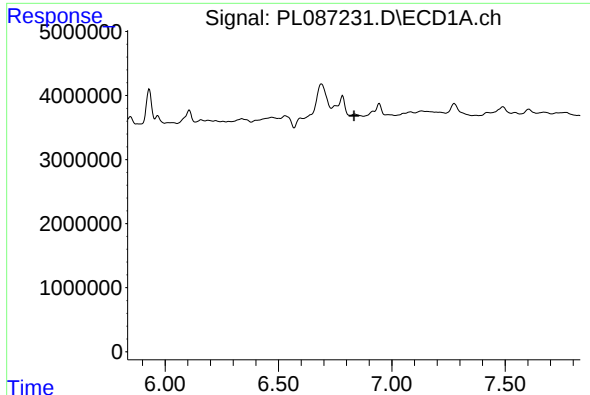
#17 4,4'-DDT

R.T.: 6.944 min  
Delta R.T.: 0.001 min  
Response: 2715316  
Conc: 0.72 ng/ml



#17 4,4'-DDT

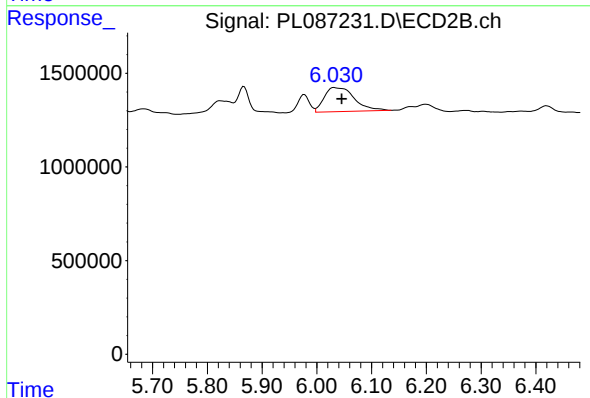
R.T.: 5.977 min  
Delta R.T.: -0.002 min  
Response: 1370785  
Conc: 0.74 ng/ml



#18 Endrin aldehyde

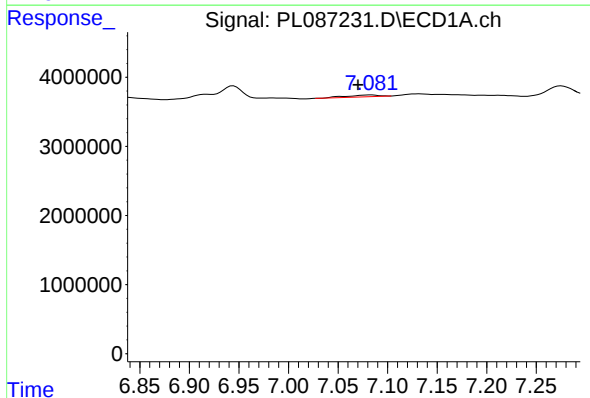
R.T.: 0.000 min  
Exp R.T.: 6.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



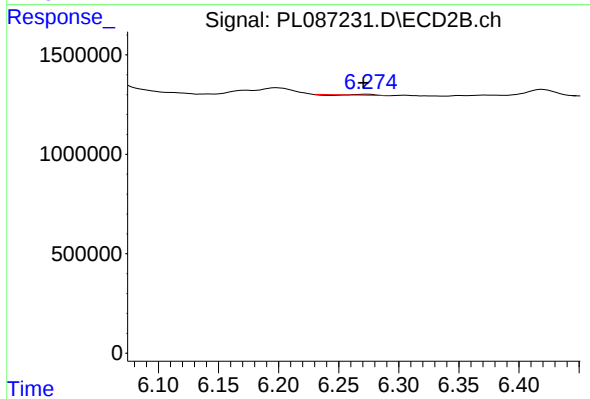
#18 Endrin aldehyde

R.T.: 6.032 min  
Delta R.T.: -0.014 min  
Response: 4915319  
Conc: 3.35 ng/ml



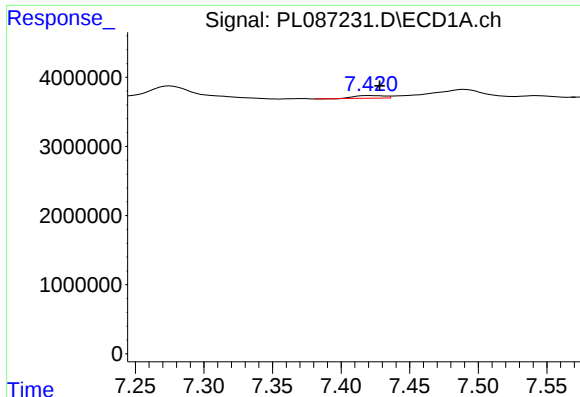
#19 Endosulfan Sulfate

R.T.: 7.084 min  
Delta R.T.: 0.013 min  
Response: 594155  
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

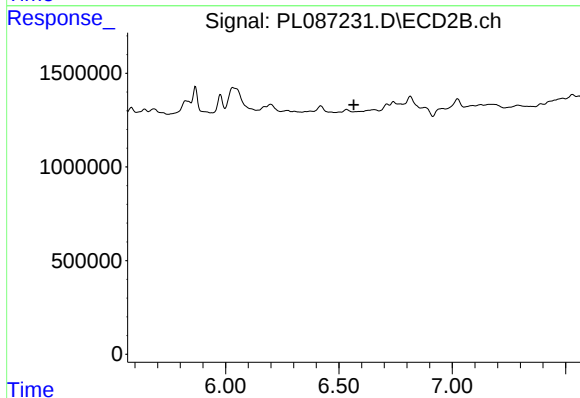
R.T.: 6.274 min  
Delta R.T.: 0.003 min  
Response: 11401  
Conc: 0.01 ng/ml



#20 Methoxychlor

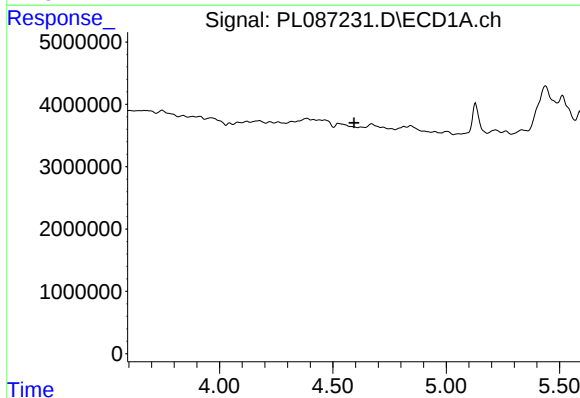
R.T.: 7.421 min  
Delta R.T.: -0.007 min  
Response: 572252  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



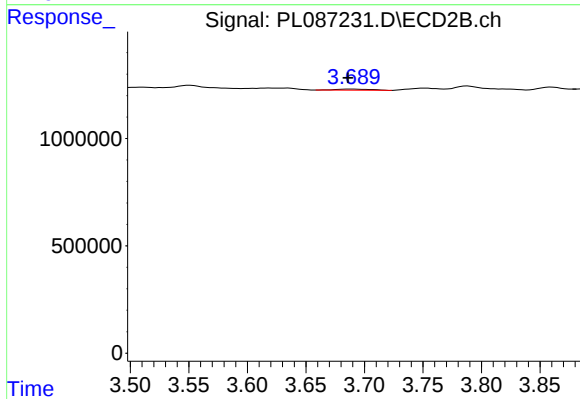
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.566 min  
Response: 0  
Conc: N.D.



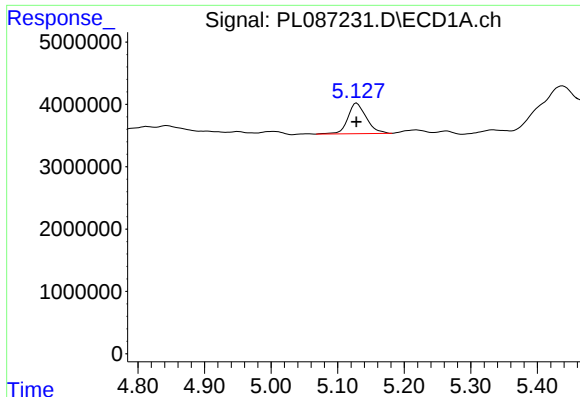
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.594 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

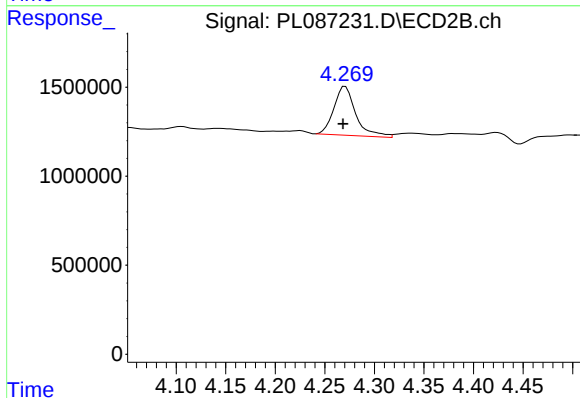
R.T.: 3.690 min  
Delta R.T.: 0.004 min  
Response: 108004  
Conc: 1.74 ng/ml



#24 Chlordane-2

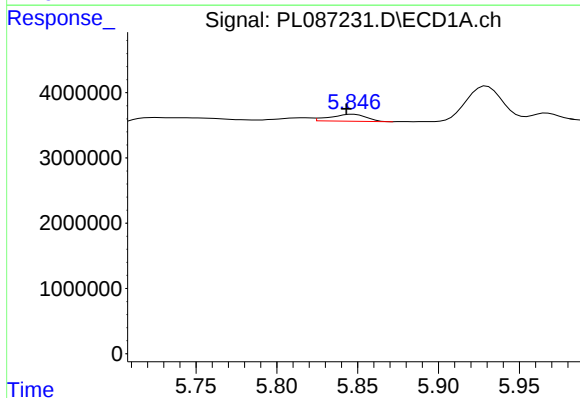
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 9462934  
Conc: 54.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



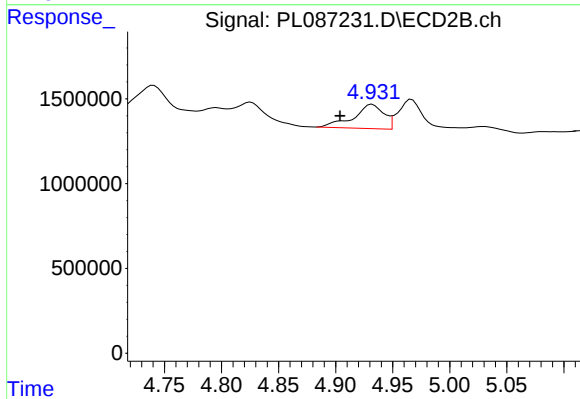
#24 Chlordane-2

R.T.: 4.271 min  
Delta R.T.: 0.002 min  
Response: 4216809  
Conc: 54.93 ng/ml



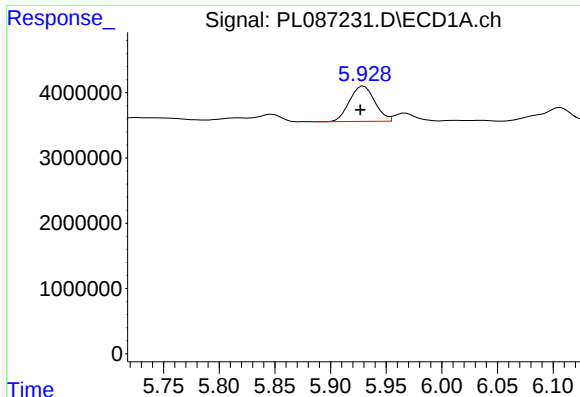
#25 Chlordane-3

R.T.: 5.847 min  
Delta R.T.: 0.004 min  
Response: 1629684  
Conc: 2.34 ng/ml



#25 Chlordane-3

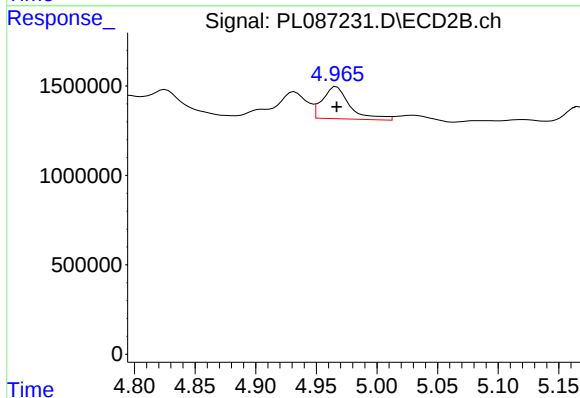
R.T.: 4.932 min  
Delta R.T.: 0.028 min  
Response: 2631465  
Conc: 11.90 ng/ml



#26 Chlordane-4

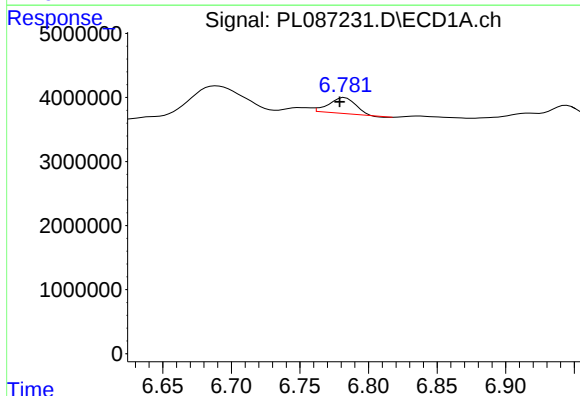
R.T.: 5.930 min  
Delta R.T.: 0.003 min  
Response: 8569794  
Conc: 10.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



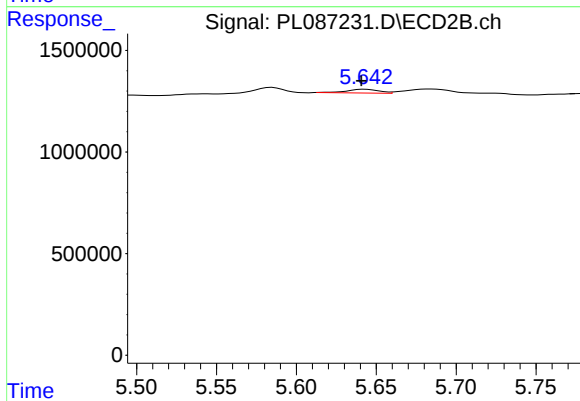
#26 Chlordane-4

R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 2842367  
Conc: 12.21 ng/ml



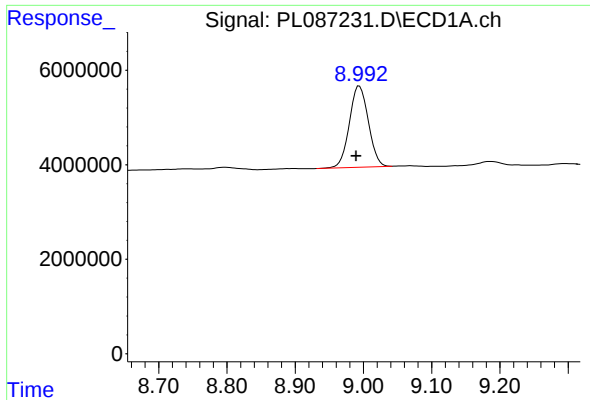
#27 Chlordane-5

R.T.: 6.783 min  
Delta R.T.: 0.004 min  
Response: 3350151  
Conc: 24.26 ng/ml



#27 Chlordane-5

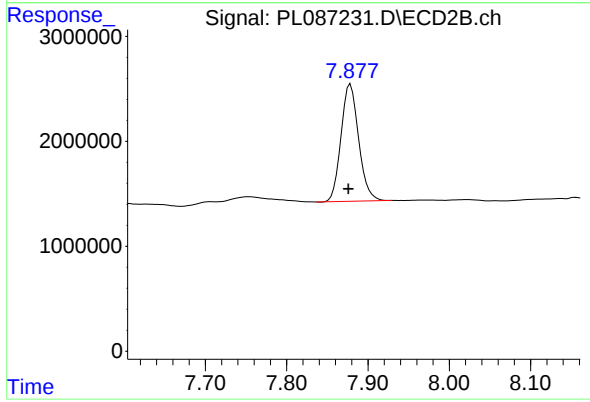
R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 264033  
Conc: 4.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.994 min  
Delta R.T.: 0.005 min  
Response: 33247494  
Conc: 9.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.878 min  
Delta R.T.: 0.003 min  
Response: 16775842  
Conc: 9.93 ng/ml