

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100422\  
 Data File : PL078102.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Oct 2022 15:32  
 Operator : AR\AJ  
 Sample : N4960-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PAT-03-100322

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 22:20:07 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100322.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 03 19:46:18 2022  
 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... | 3.414  | 2.623  | 17326959 | 32189393 | 9.395  | 11.453    |
| 28)                         | SA Decachlor... | 8.905  | 7.721  | 19908763 | 27727321 | 12.682 | 12.777    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.906f | 0.000  | 5298339  | 0        | 1.909  | N.D. #    |
| 4)                          | MA Heptachlor   | 4.789  | 3.775  | 156586   | 4005029  | 0.060  | 1.061 #   |
| 5)                          | MB Aldrin       | 5.108f | 4.030  | 1201131  | 6305655  | 0.507  | 1.767 #   |
| 6)                          | B beta-BHC      | 4.430  | 0.000  | 2766209  | 0        | 2.413  | N.D. #    |
| 7)                          | B delta-BHC     | 4.674  | 3.967  | 1534628  | 2451574  | 0.649  | 0.627     |
| 8)                          | B Heptachlo...  | 5.560  | 4.527f | 6145948  | 138896   | 2.862  | 0.044 #   |
| 10)                         | B gamma-Chl...  | 5.842f | 4.775f | 3018170  | 13478357 | 1.450  | 4.227 #   |
| 11)                         | B alpha-Chl...  | 5.899  | 4.846  | 2090830  | 6628020  | 1.013  | 2.164 #   |
| 12)                         | B 4,4'-DDE      | 6.073  | 5.049  | 8088640  | 10851753 | 4.183  | 3.580     |
| 13)                         | MA Dieldrin     | 6.223  | 5.178  | 1984217  | 10425528 | 1.027  | 3.380 #   |
| 14)                         | MA Endrin       | 6.459  | 5.461f | 6768232  | 2231824  | 3.976  | 0.859 #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.732  | 0        | 5507526  | N.D.   | 2.094 #   |
| 16)                         | A 4,4'-DDD      | 6.601  | 0.000  | 8785455  | 0        | 6.024  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.909  | 5.843  | 914847   | 16848431 | 0.553  | 6.904 #   |
| 18)                         | B Endrin al...  | 6.829  | 5.942f | 756928   | 1697592  | 0.592  | 0.864 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.140  | 0        | 2072420  | N.D.   | 0.833 #   |
| 23)                         | Chlordane-1     | 4.573  | 3.598  | 1944870  | 6734744  | 26.515 | 65.789 #  |
| 24)                         | Chlordane-2     | 5.108  | 4.169  | 1201131  | 816666   | 14.889 | 7.325 #   |
| 25)                         | Chlordane-3     | 5.842f | 4.775f | 3018170  | 13478357 | 10.140 | 41.984 #  |
| 26)                         | Chlordane-4     | 5.899  | 4.846  | 2090830  | 6628020  | 5.824  | 19.786 #  |
| 27)                         | Chlordane-5     | 6.782f | 5.521  | 319935   | 10362643 | 5.284  | 125.088 # |
| -----                       |                 |        |        |          |          |        |           |

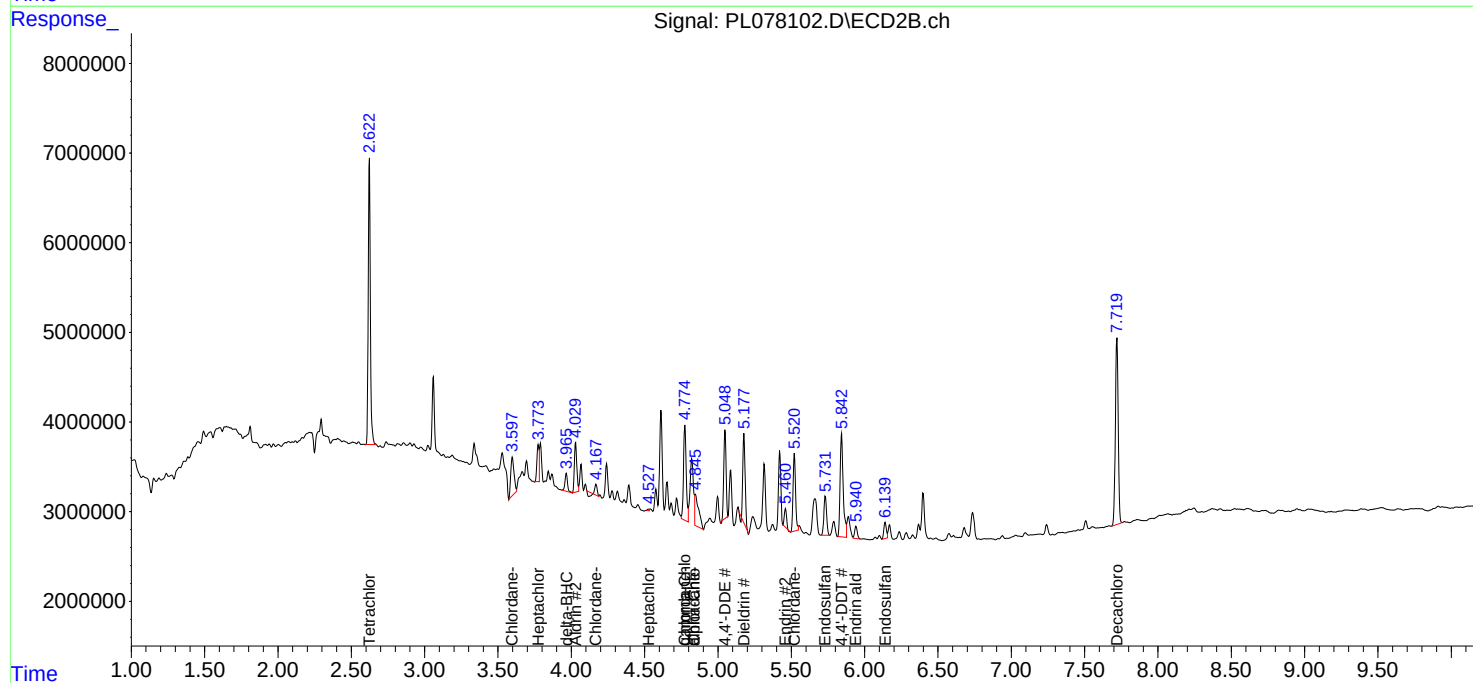
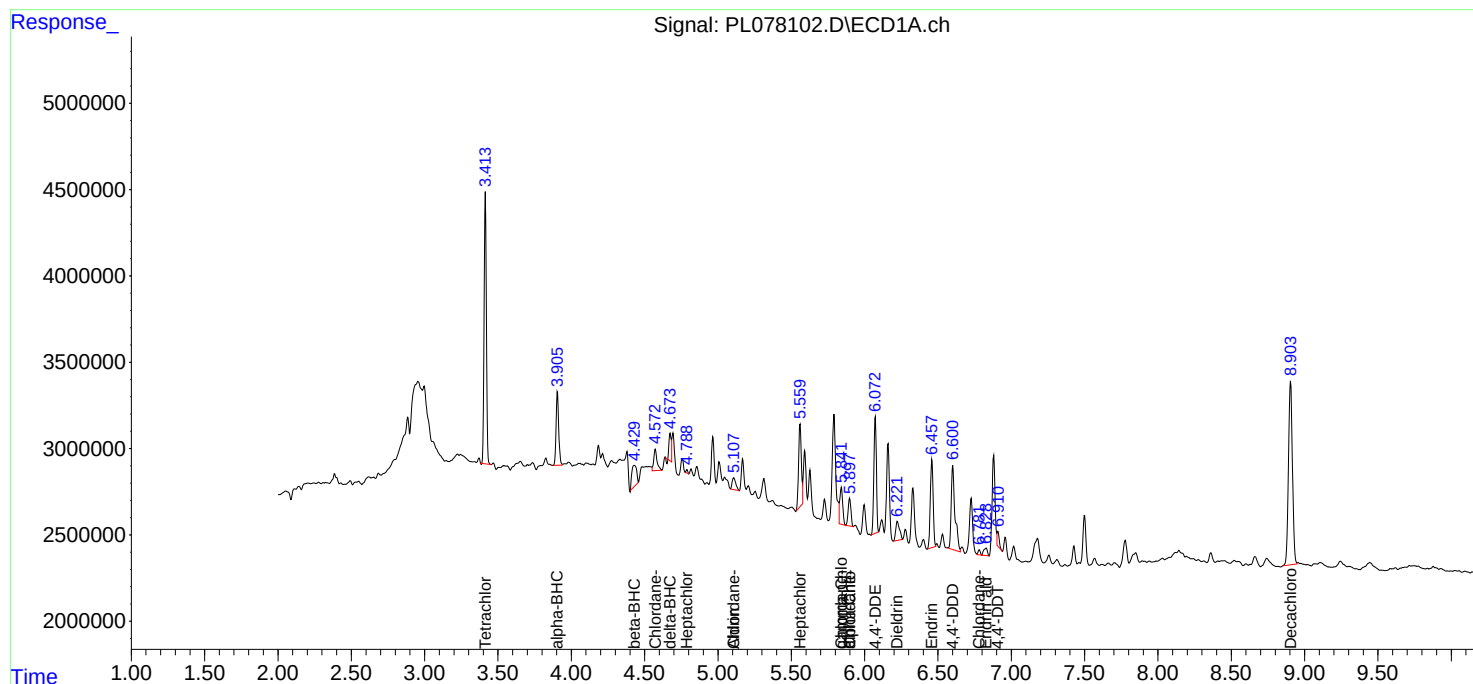
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

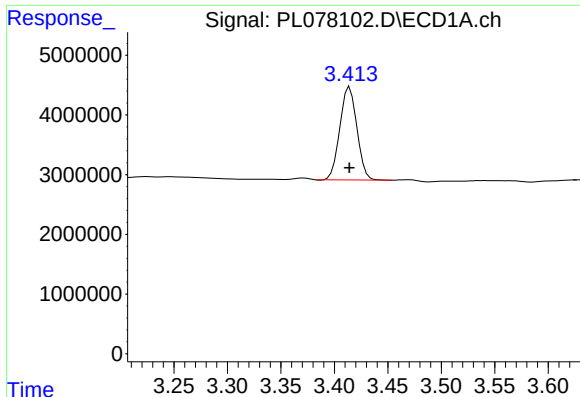
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100422\  
Data File : PL078102.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Oct 2022 15:32  
Operator : AR\AJ  
Sample : N4960-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 22:20:07 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100322.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 03 19:46:18 2022  
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

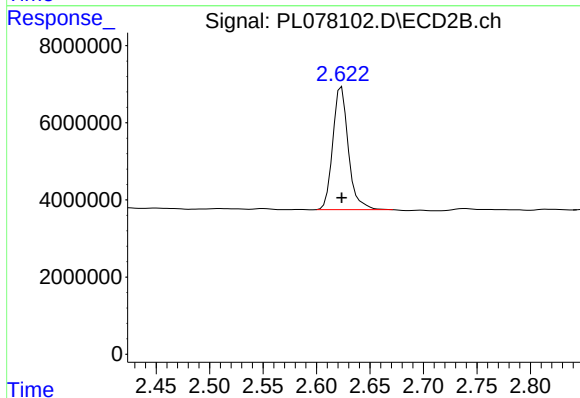




#1 Tetrachloro-m-xylene

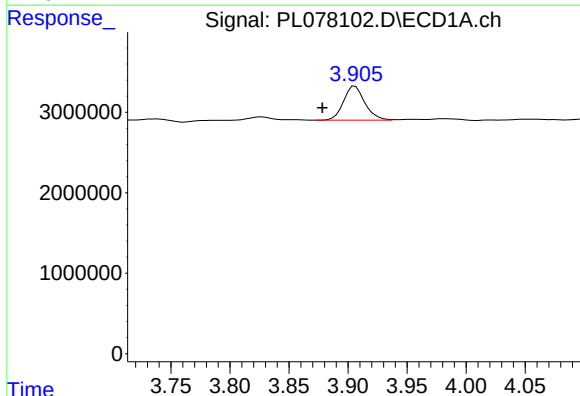
R.T.: 3.414 min  
Delta R.T.: 0.000 min  
Response: 17326959  
Conc: 9.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



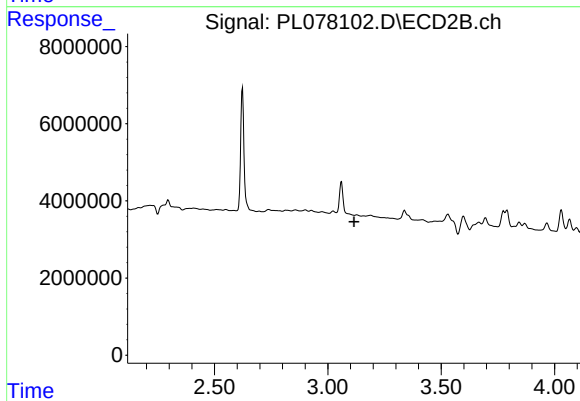
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 32189393  
Conc: 11.45 ng/ml



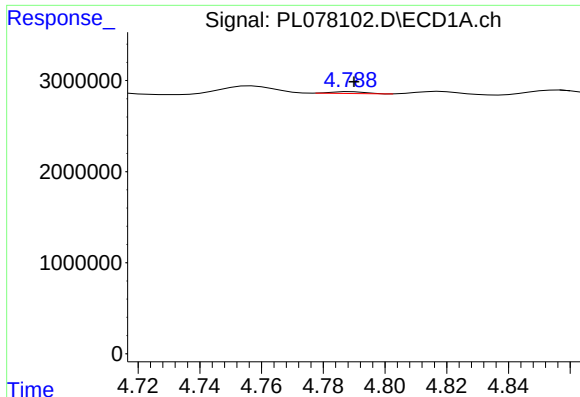
#2 alpha-BHC

R.T.: 3.906 min  
Delta R.T.: 0.028 min  
Response: 5298339  
Conc: 1.91 ng/ml



#2 alpha-BHC

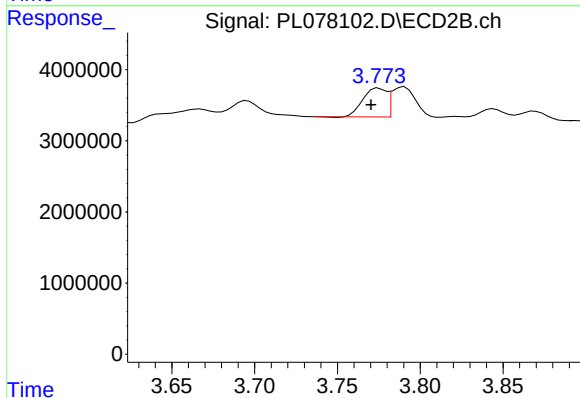
R.T.: 0.000 min  
Exp R.T. : 3.116 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

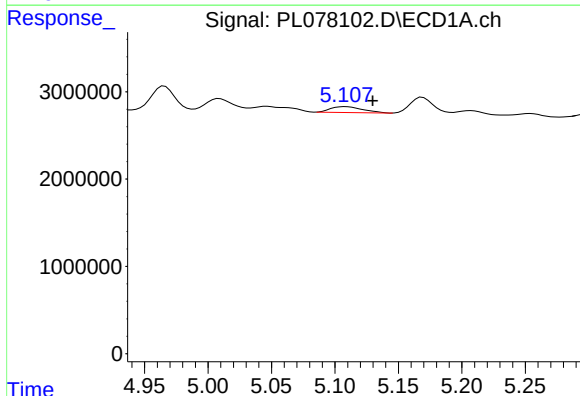
R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 156586  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



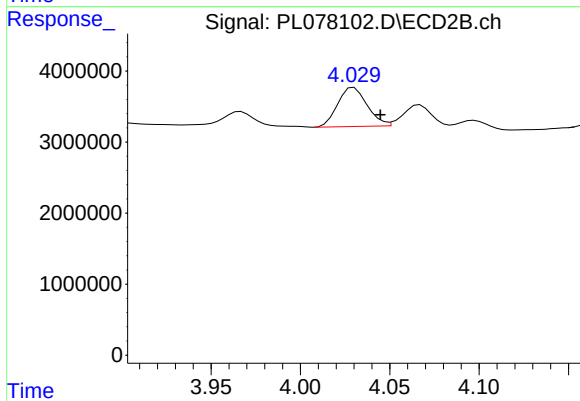
#4 Heptachlor

R.T.: 3.775 min  
Delta R.T.: 0.005 min  
Response: 4005029  
Conc: 1.06 ng/ml



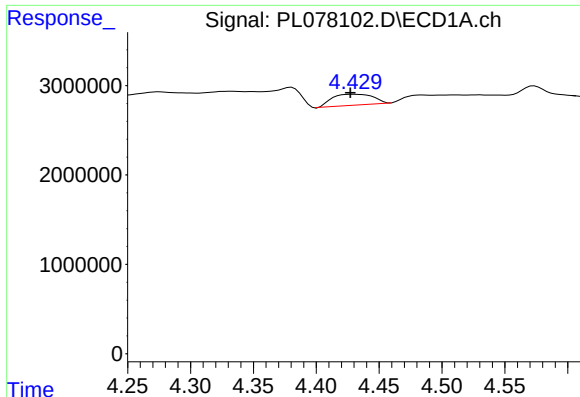
#5 Aldrin

R.T.: 5.108 min  
Delta R.T.: -0.021 min  
Response: 1201131  
Conc: 0.51 ng/ml



#5 Aldrin

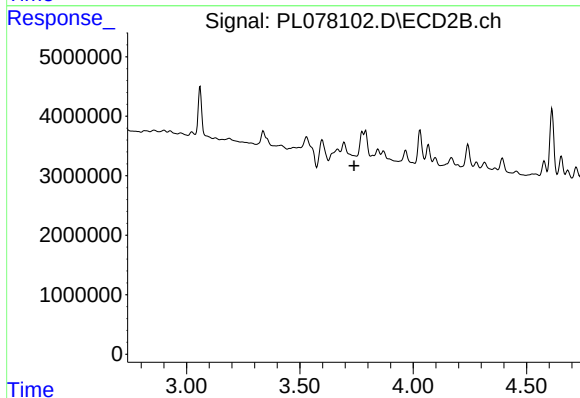
R.T.: 4.030 min  
Delta R.T.: -0.015 min  
Response: 6305655  
Conc: 1.77 ng/ml



#6 beta-BHC

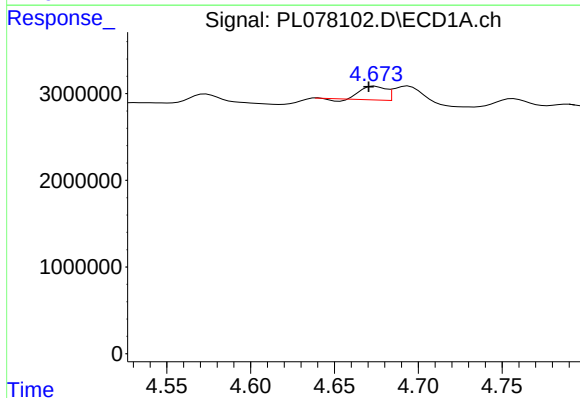
R.T.: 4.430 min  
Delta R.T.: 0.003 min  
Response: 2766209  
Conc: 2.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



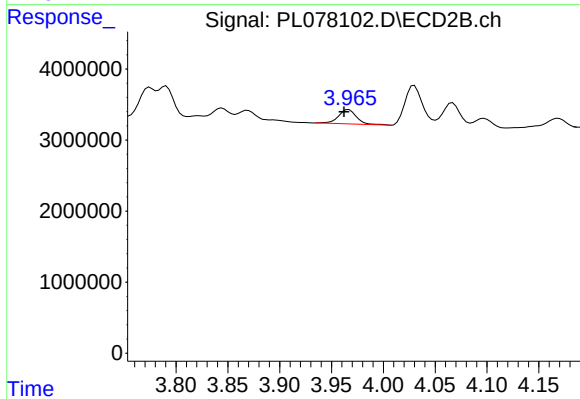
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.739 min  
Response: 0  
Conc: N.D.



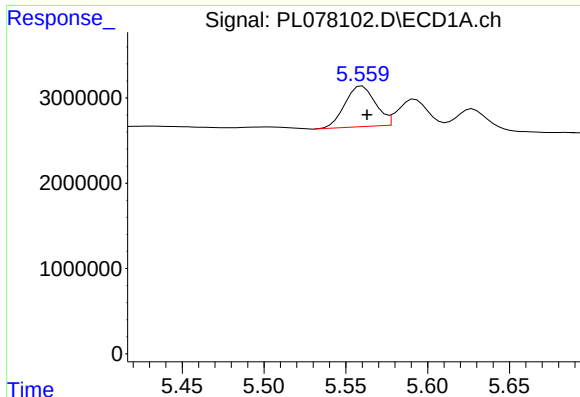
#7 delta-BHC

R.T.: 4.674 min  
Delta R.T.: 0.004 min  
Response: 1534628  
Conc: 0.65 ng/ml



#7 delta-BHC

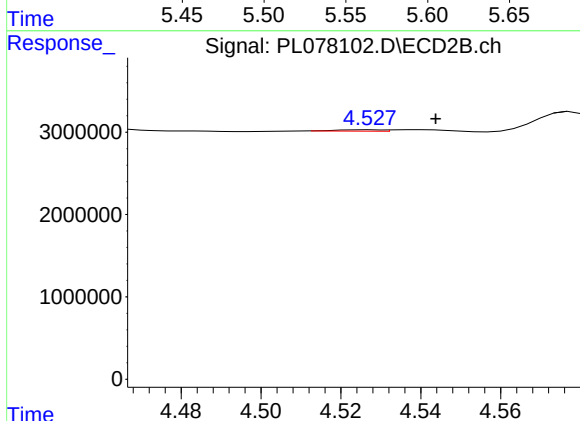
R.T.: 3.967 min  
Delta R.T.: 0.005 min  
Response: 2451574  
Conc: 0.63 ng/ml



#8 Heptachlor epoxide

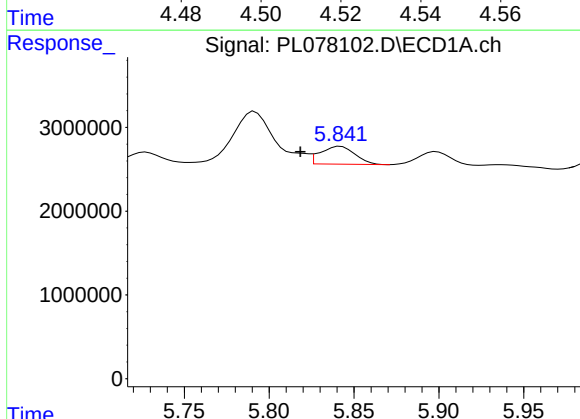
R.T.: 5.560 min  
Delta R.T.: -0.003 min  
Response: 6145948  
Conc: 2.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



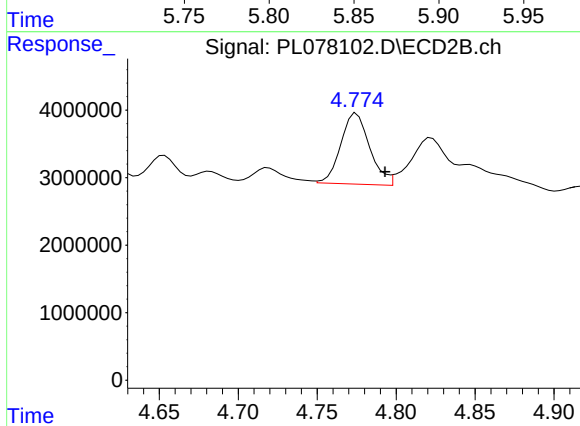
#8 Heptachlor epoxide

R.T.: 4.527 min  
Delta R.T.: -0.017 min  
Response: 138896  
Conc: 0.04 ng/ml



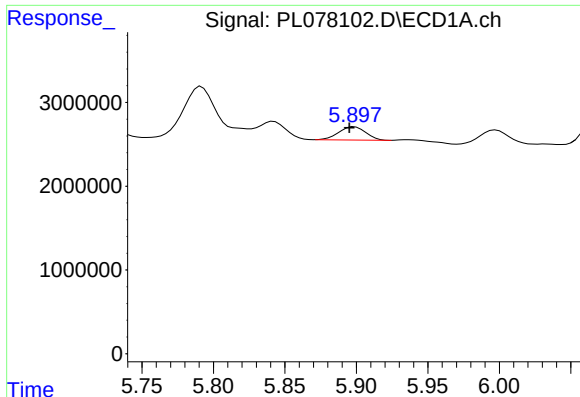
#10 gamma-Chlordane

R.T.: 5.842 min  
Delta R.T.: 0.024 min  
Response: 3018170  
Conc: 1.45 ng/ml



#10 gamma-Chlordane

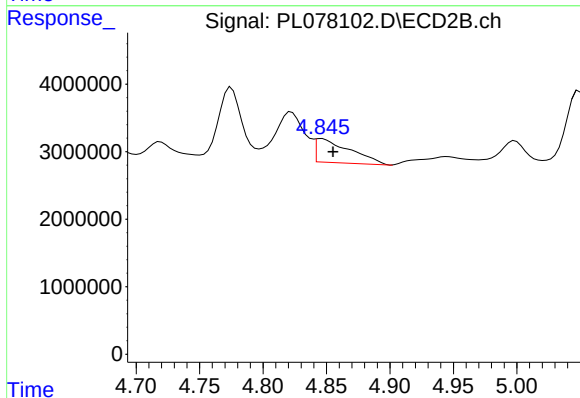
R.T.: 4.775 min  
Delta R.T.: -0.018 min  
Response: 13478357  
Conc: 4.23 ng/ml



#11 alpha-Chlordane

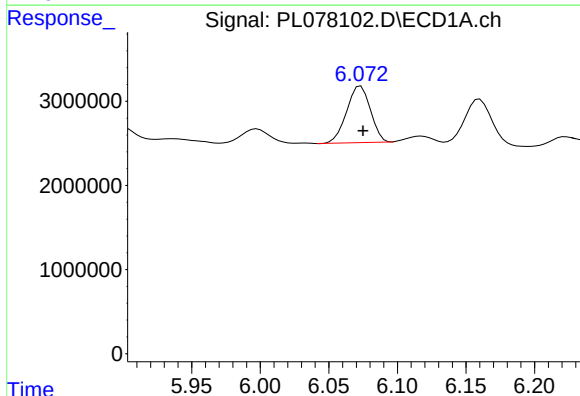
R.T.: 5.899 min  
Delta R.T.: 0.003 min  
Response: 2090830  
Conc: 1.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



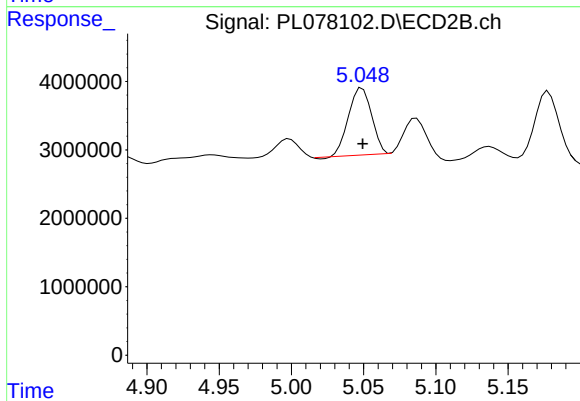
#11 alpha-Chlordane

R.T.: 4.846 min  
Delta R.T.: -0.009 min  
Response: 6628020  
Conc: 2.16 ng/ml



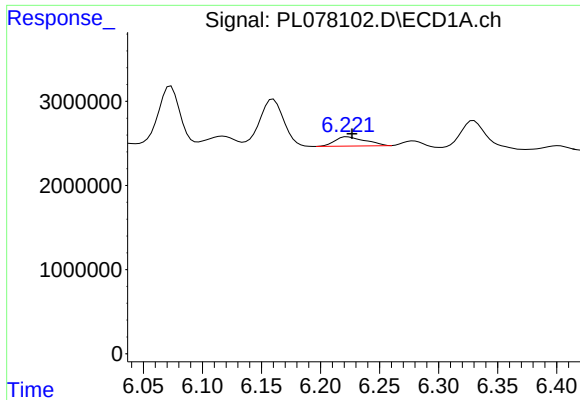
#12 4,4'-DDE

R.T.: 6.073 min  
Delta R.T.: -0.002 min  
Response: 8088640  
Conc: 4.18 ng/ml



#12 4,4'-DDE

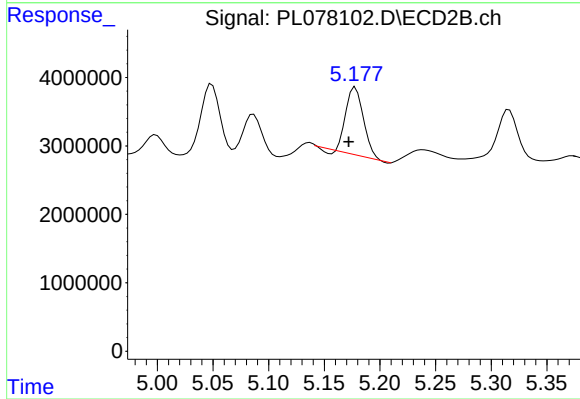
R.T.: 5.049 min  
Delta R.T.: 0.000 min  
Response: 10851753  
Conc: 3.58 ng/ml



#13 Dieldrin

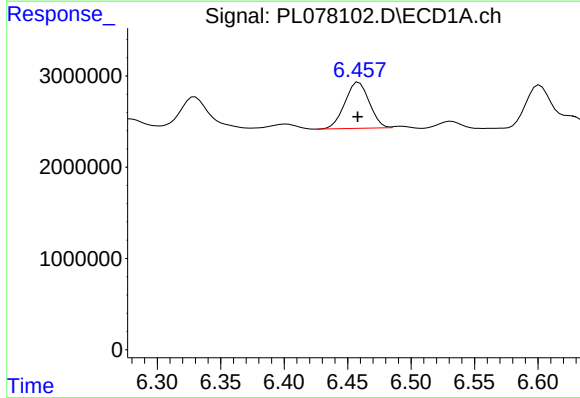
R.T.: 6.223 min  
Delta R.T.: -0.004 min  
Response: 1984217  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



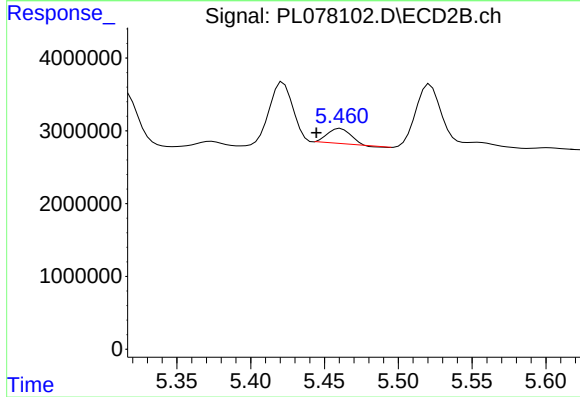
#13 Dieldrin

R.T.: 5.178 min  
Delta R.T.: 0.006 min  
Response: 10425528  
Conc: 3.38 ng/ml



#14 Endrin

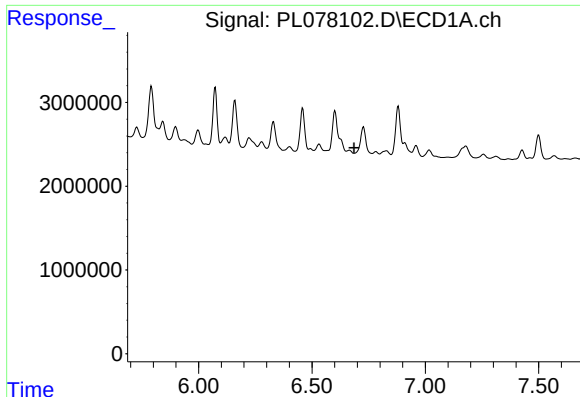
R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 6768232  
Conc: 3.98 ng/ml



#14 Endrin

R.T.: 5.461 min  
Delta R.T.: 0.017 min  
Response: 2231824  
Conc: 0.86 ng/ml

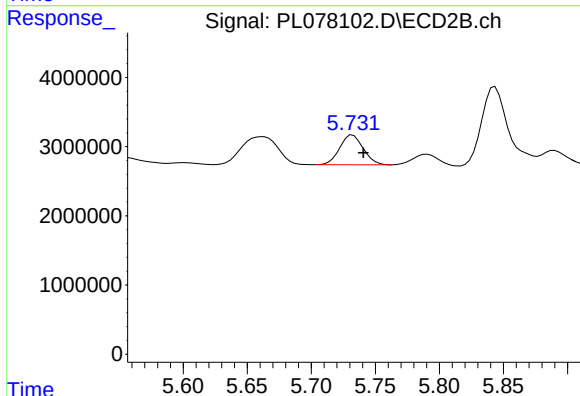




#15 Endosulfan II

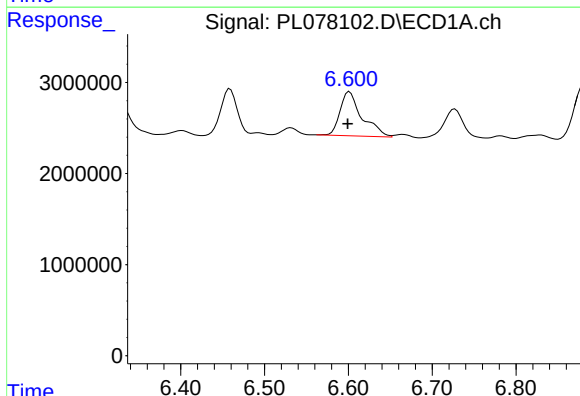
R.T.: 0.000 min  
Exp R.T.: 6.686 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



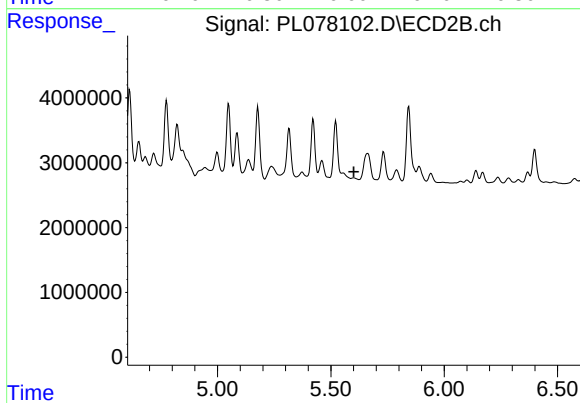
#15 Endosulfan II

R.T.: 5.732 min  
Delta R.T.: -0.008 min  
Response: 5507526  
Conc: 2.09 ng/ml



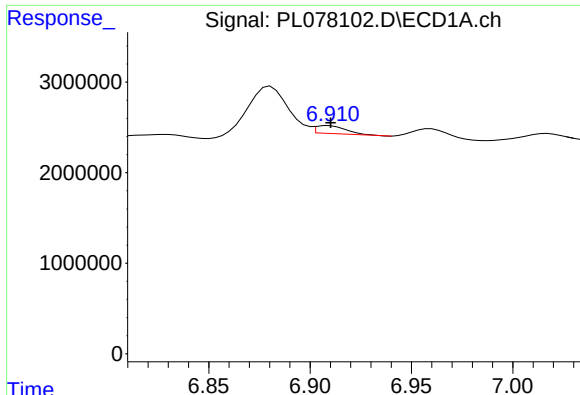
#16 4,4'-DDD

R.T.: 6.601 min  
Delta R.T.: 0.002 min  
Response: 8785455  
Conc: 6.02 ng/ml



#16 4,4'-DDD

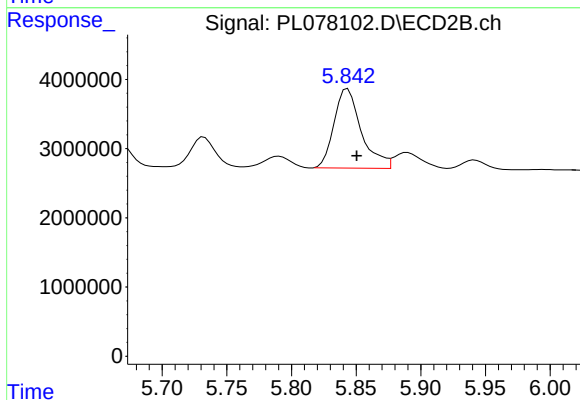
R.T.: 0.000 min  
Exp R.T.: 5.602 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

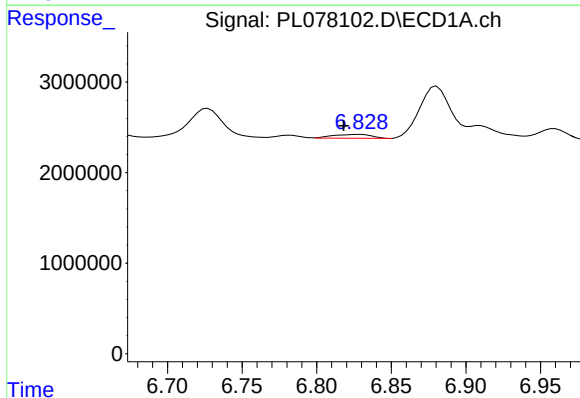
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 914847  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



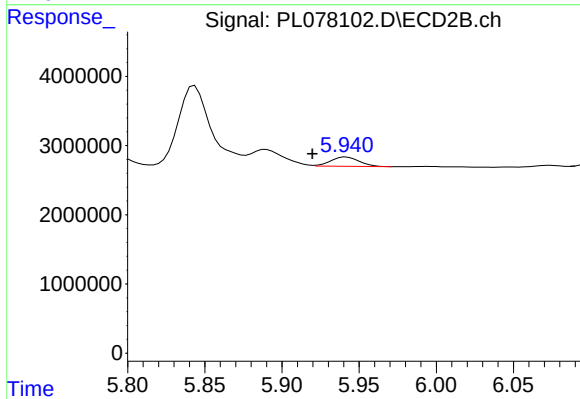
#17 4,4'-DDT

R.T.: 5.843 min  
Delta R.T.: -0.007 min  
Response: 16848431  
Conc: 6.90 ng/ml



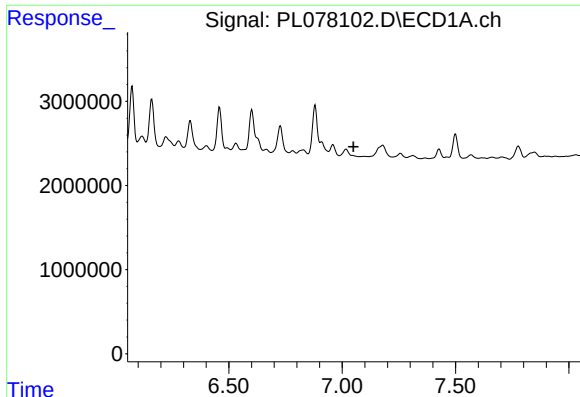
#18 Endrin aldehyde

R.T.: 6.829 min  
Delta R.T.: 0.011 min  
Response: 756928  
Conc: 0.59 ng/ml



#18 Endrin aldehyde

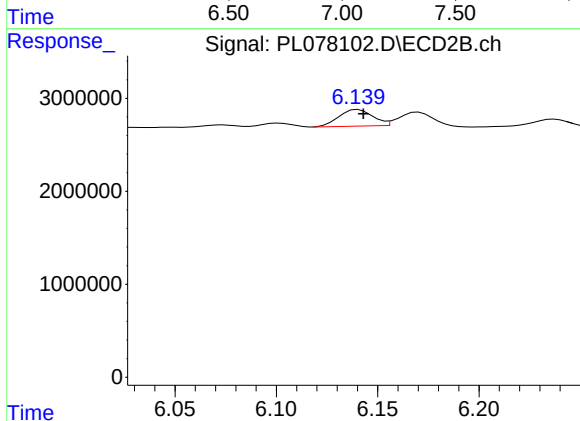
R.T.: 5.942 min  
Delta R.T.: 0.022 min  
Response: 1697592  
Conc: 0.86 ng/ml



#19 Endosulfan Sulfate

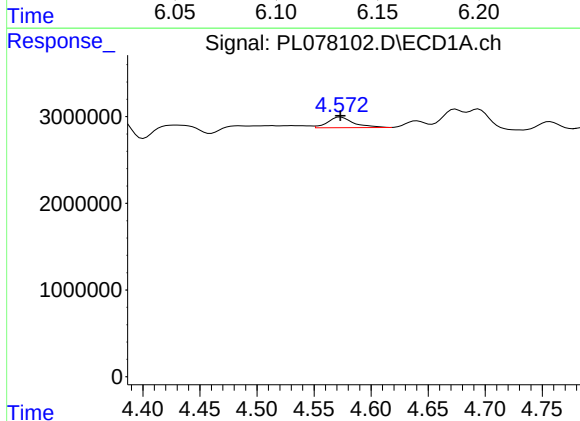
R.T.: 0.000 min  
Exp R.T.: 7.050 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



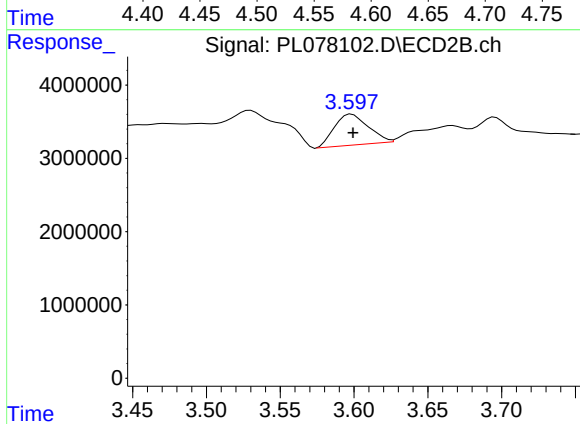
#19 Endosulfan Sulfate

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 2072420  
Conc: 0.83 ng/ml



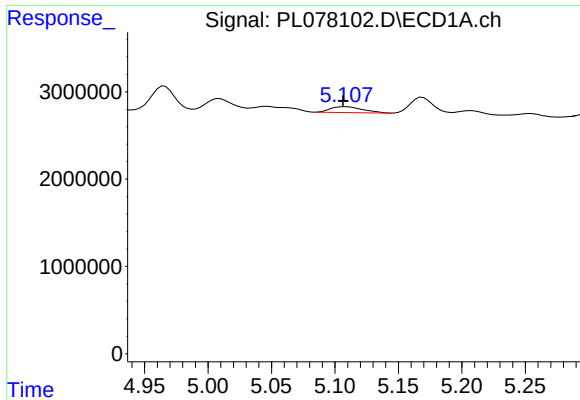
#23 Chlordane-1

R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 1944870  
Conc: 26.52 ng/ml



#23 Chlordane-1

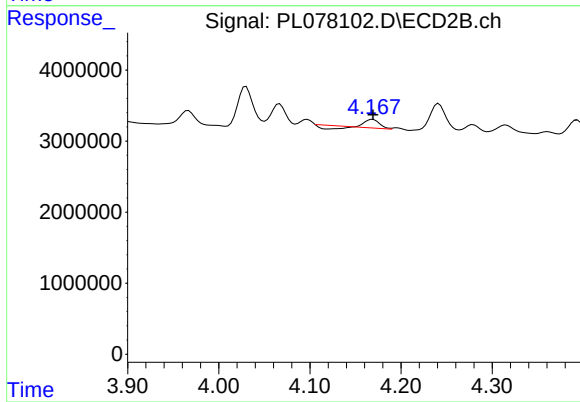
R.T.: 3.598 min  
Delta R.T.: 0.000 min  
Response: 6734744  
Conc: 65.79 ng/ml



#24 Chlordane-2

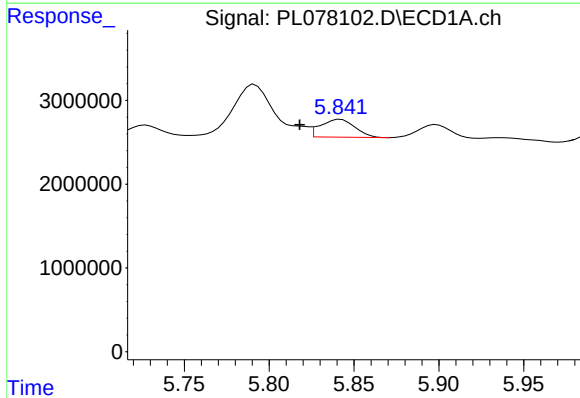
R.T.: 5.108 min  
Delta R.T.: 0.002 min  
Response: 1201131  
Conc: 14.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



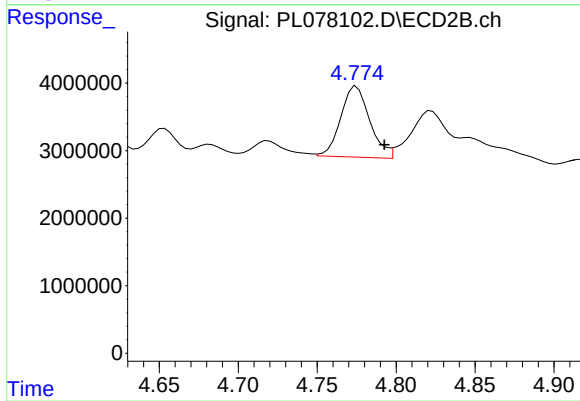
#24 Chlordane-2

R.T.: 4.169 min  
Delta R.T.: 0.000 min  
Response: 816666  
Conc: 7.33 ng/ml



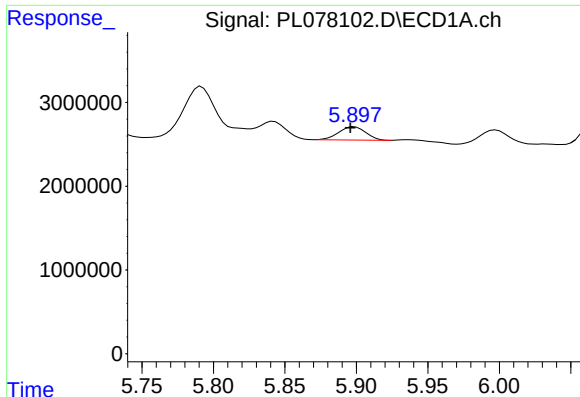
#25 Chlordane-3

R.T.: 5.842 min  
Delta R.T.: 0.024 min  
Response: 3018170  
Conc: 10.14 ng/ml



#25 Chlordane-3

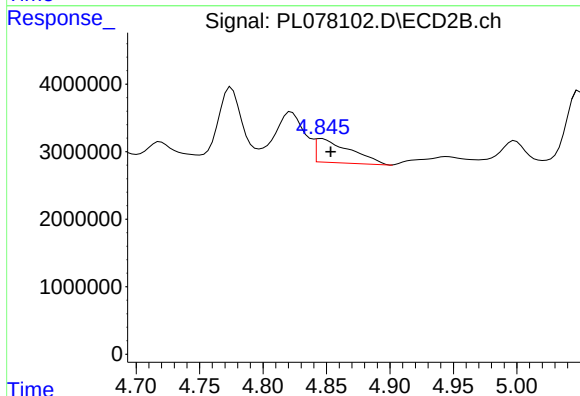
R.T.: 4.775 min  
Delta R.T.: -0.018 min  
Response: 13478357  
Conc: 41.98 ng/ml



#26 Chlordane-4

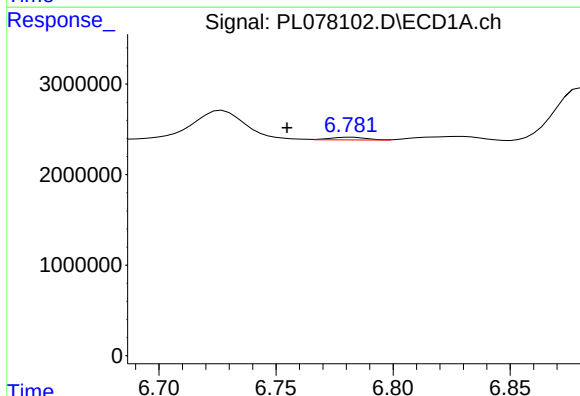
R.T.: 5.899 min  
Delta R.T.: 0.003 min  
Response: 2090830  
Conc: 5.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



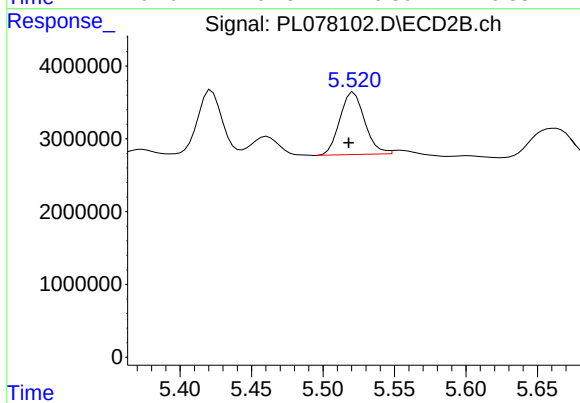
#26 Chlordane-4

R.T.: 4.846 min  
Delta R.T.: -0.008 min  
Response: 6628020  
Conc: 19.79 ng/ml



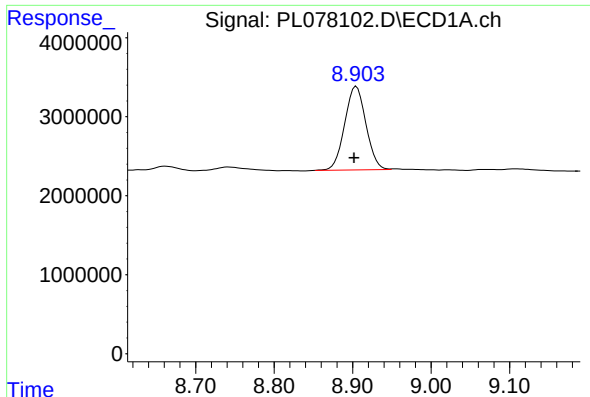
#27 Chlordane-5

R.T.: 6.782 min  
Delta R.T.: 0.027 min  
Response: 319935  
Conc: 5.28 ng/ml



#27 Chlordane-5

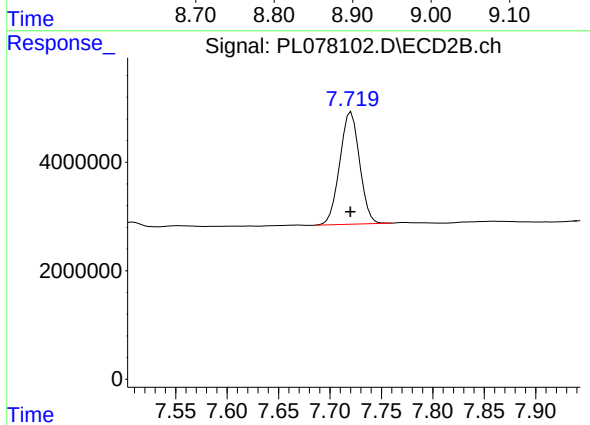
R.T.: 5.521 min  
Delta R.T.: 0.004 min  
Response: 10362643  
Conc: 125.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.905 min  
Delta R.T.: 0.003 min  
Response: 19908763  
Conc: 12.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-03-100322



#28 Decachlorobiphenyl

R.T.: 7.721 min  
Delta R.T.: 0.000 min  
Response: 27727321  
Conc: 12.78 ng/ml