

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040124\  
 Data File : PL088851.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2024 15:42  
 Operator : AR\AJ  
 Sample : P1938-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PAT-02-032924

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 01:15:07 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 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... | 3.633  | 2.851  | 42732912 | 16514246 | 16.126 | 12.391   |
| 28)                         | SA Decachlor... | 9.298  | 8.076  | 26832821 | 16783268 | 10.855 | 12.378   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.356  | 0        | 300730   | N.D.   | 0.150 #  |
| 4)                          | MA Heptachlor   | 0.000  | 4.081f | 0        | 502799   | N.D.   | 0.279 #  |
| 5)                          | MB Aldrin       | 5.367f | 4.335  | 4086177  | 1529639  | 1.115  | 0.846    |
| 6)                          | B beta-BHC      | 4.660f | 3.999  | 1408934  | 164579   | 0.794  | 0.192 #  |
| 7)                          | B delta-BHC     | 4.888  | 4.255  | 963860   | 688366   | 0.239  | 0.360 #  |
| 8)                          | B Heptachlo...  | 5.819  | 4.849  | 2501964  | 68118    | 0.728  | 0.041 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.249f | 0        | 1184164  | N.D.   | 0.788 #  |
| 10)                         | B gamma-Chl...  | 6.066  | 5.125f | 4506208  | 2208227  | 1.353  | 1.333    |
| 11)                         | B alpha-Chl...  | 6.159  | 5.166  | 5052869  | 2105222  | 1.520  | 1.268    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.356  | 0        | 327278   | N.D.   | 0.224 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.495  | 0        | 1779683  | N.D.   | 1.096 #  |
| 14)                         | MA Endrin       | 0.000  | 5.783  | 0        | 416949   | N.D.   | 0.289 #  |
| 15)                         | B Endosulfa...  | 6.964f | 6.071  | 621372   | 199569   | 0.217  | 0.139 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.924  | 0        | 268996   | N.D.   | 0.216 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.168  | 0        | 296776   | N.D.   | 0.221 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.248  | 0        | 66526    | N.D.   | 0.063 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.470  | 0        | 69056    | N.D.   | 0.050 #  |
| 22)                         | Mirex           | 8.308f | 7.183  | 734028   | 20093    | 0.313  | 0.015 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.874  | 0        | 2156044  | N.D.   | 44.404 # |
| 24)                         | Chlordane-2     | 5.343  | 4.472  | 6183840  | 605707   | 47.037 | 9.976 #  |
| 25)                         | Chlordane-3     | 6.066  | 5.125f | 4506208  | 2208227  | 9.063  | 12.939 # |
| 26)                         | Chlordane-4     | 6.159  | 5.166  | 5052869  | 2105222  | 8.423  | 13.196 # |
| 27)                         | Chlordane-5     | 0.000  | 5.845  | 0        | 300430   | N.D.   | 5.924 #  |

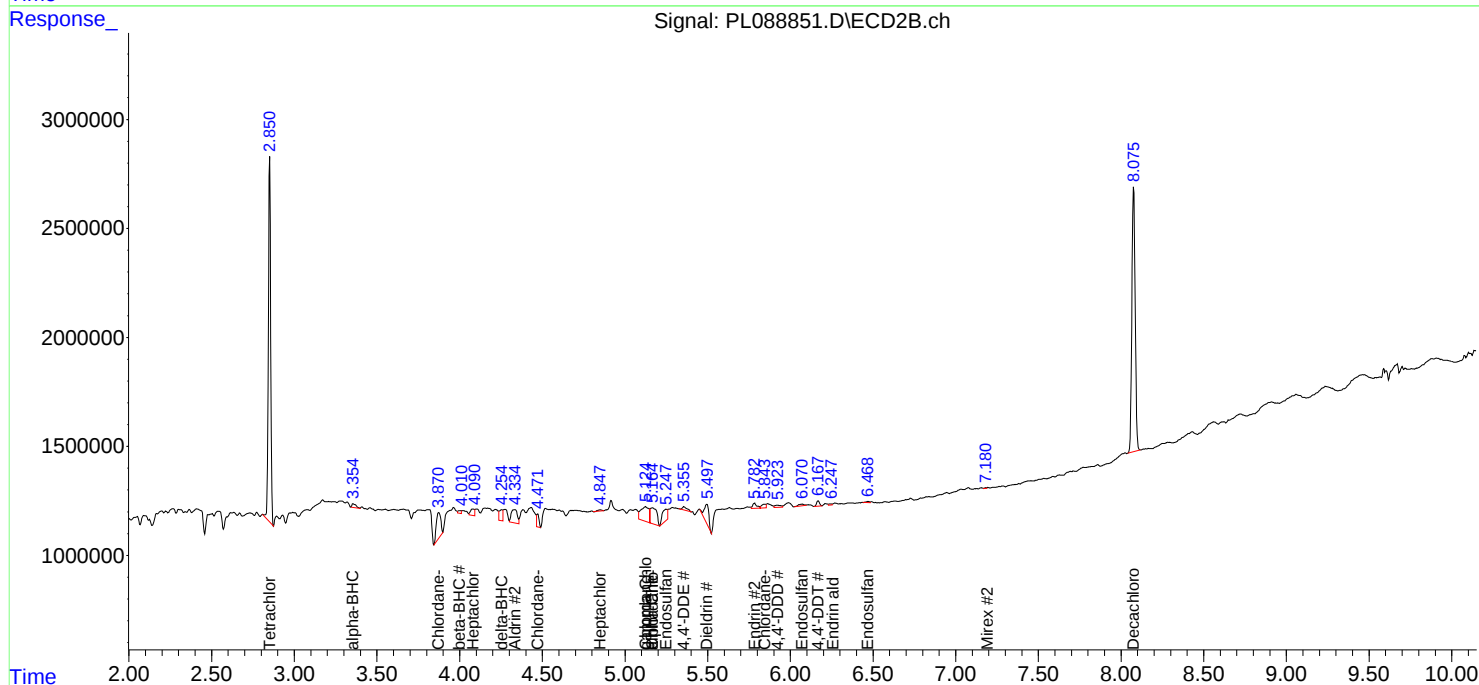
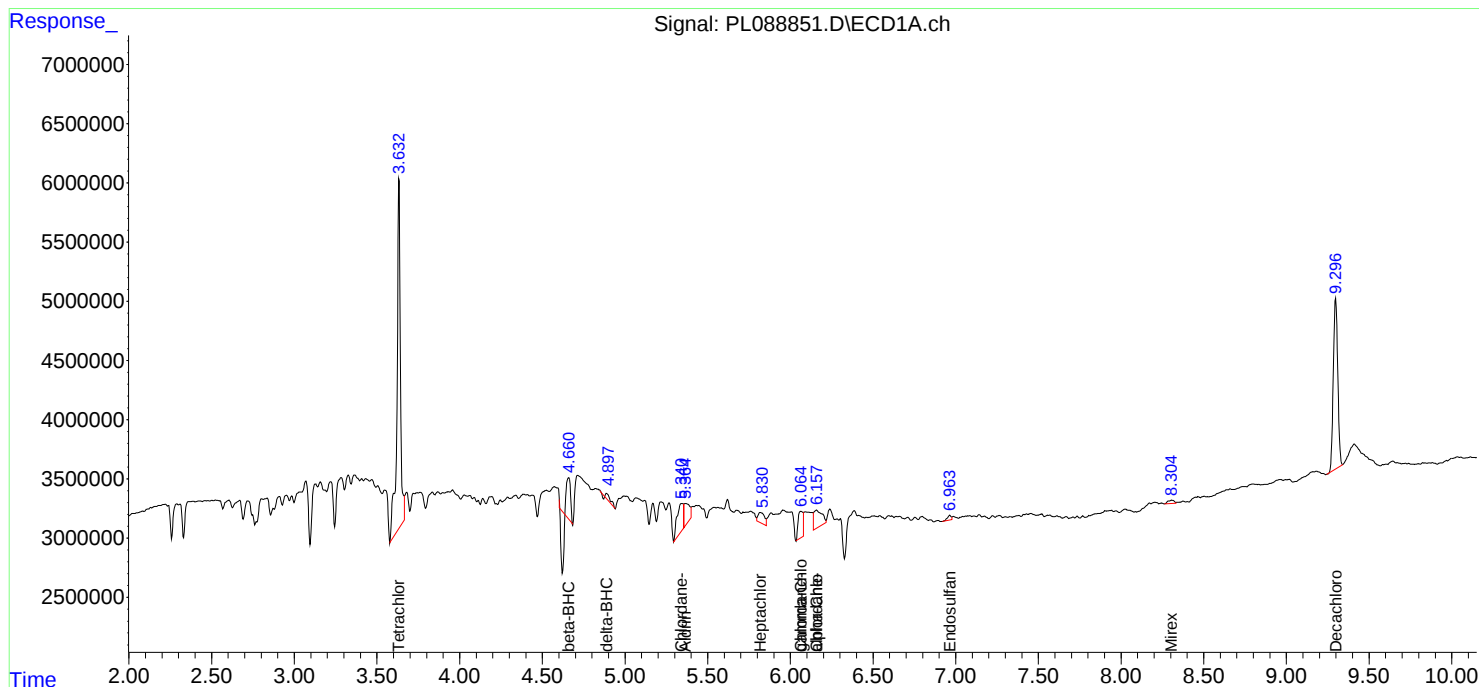
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

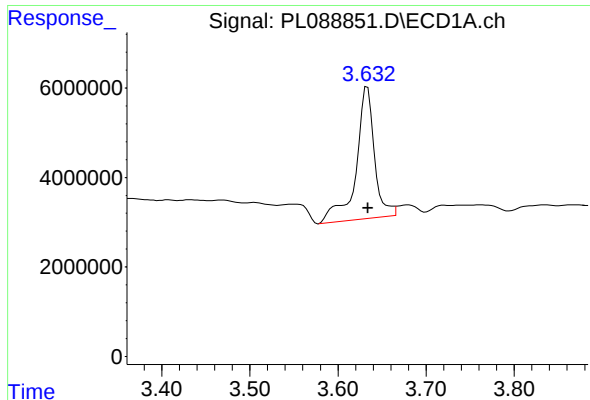
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040124\  
Data File : PL088851.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2024 15:42  
Operator : AR\AJ  
Sample : P1938-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 02 01:15:07 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
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

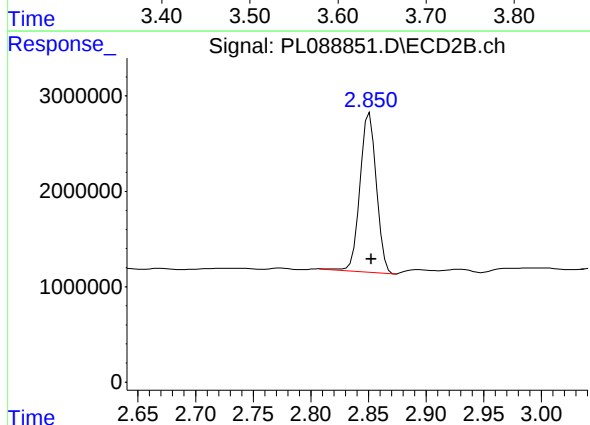




#1 Tetrachloro-m-xylene

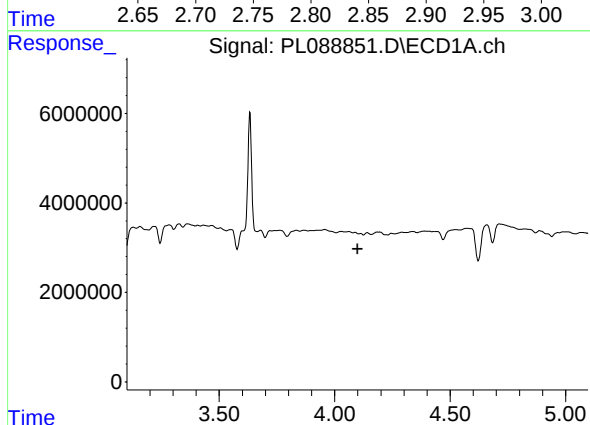
R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 42732912  
Conc: 16.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



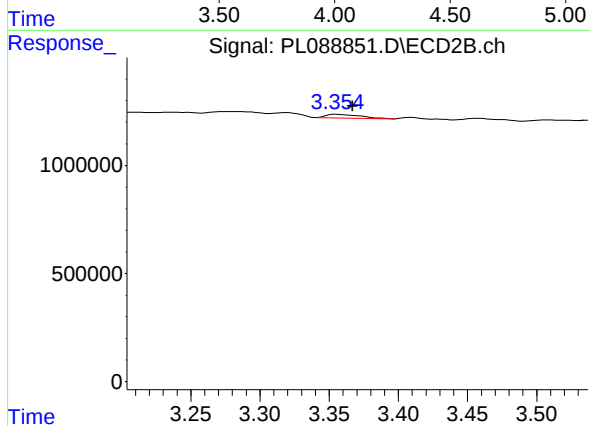
#1 Tetrachloro-m-xylene

R.T.: 2.851 min  
Delta R.T.: -0.001 min  
Response: 16514246  
Conc: 12.39 ng/ml



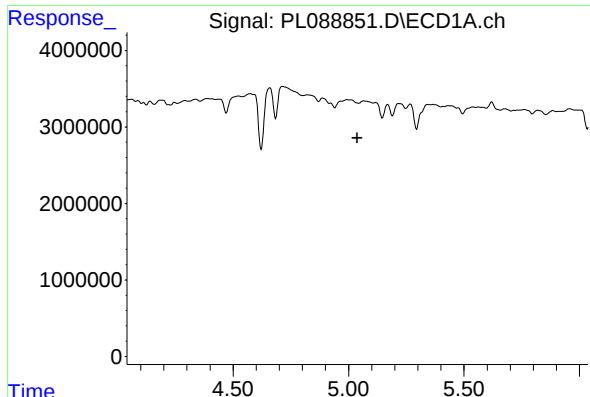
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 4.099 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

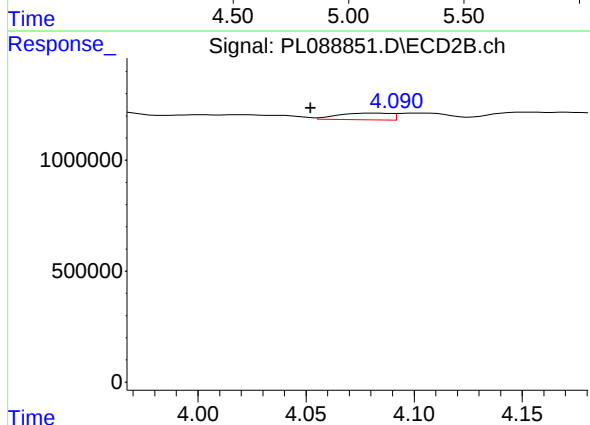
R.T.: 3.356 min  
Delta R.T.: -0.011 min  
Response: 300730  
Conc: 0.15 ng/ml



#4 Heptachlor

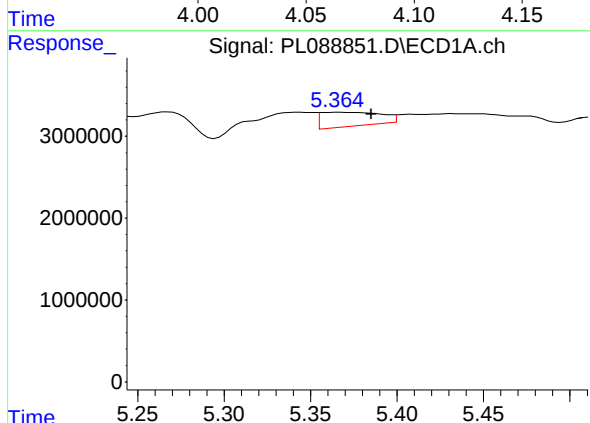
R.T.: 0.000 min  
Exp R.T.: 5.038 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



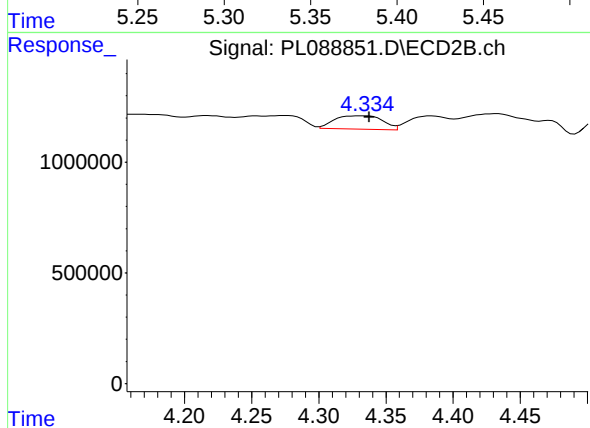
#4 Heptachlor

R.T.: 4.081 min  
Delta R.T.: 0.029 min  
Response: 502799  
Conc: 0.28 ng/ml



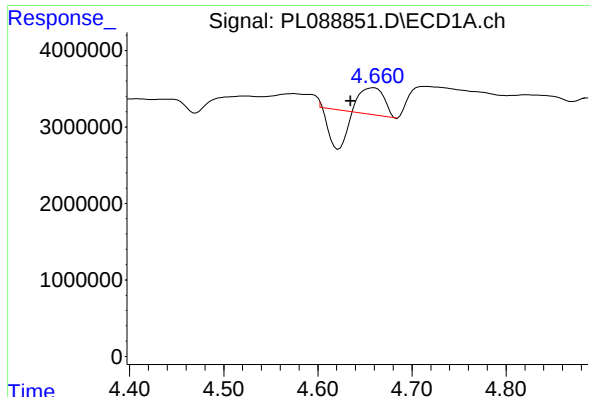
#5 Aldrin

R.T.: 5.367 min  
Delta R.T.: -0.018 min  
Response: 4086177  
Conc: 1.12 ng/ml



#5 Aldrin

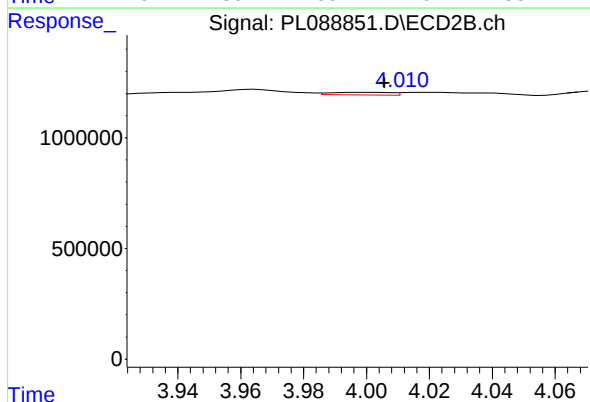
R.T.: 4.335 min  
Delta R.T.: -0.002 min  
Response: 1529639  
Conc: 0.85 ng/ml



#6 beta-BHC

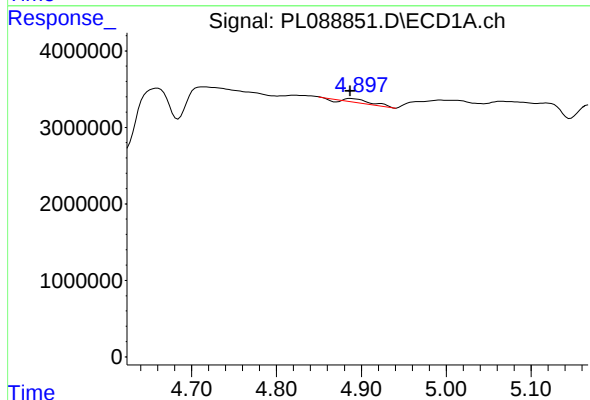
R.T.: 4.660 min  
Delta R.T.: 0.025 min  
Response: 1408934  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



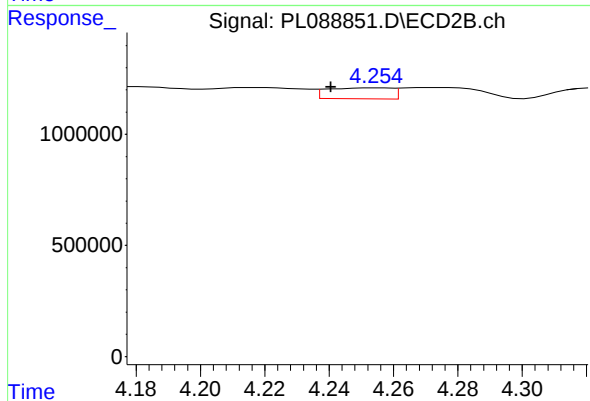
#6 beta-BHC

R.T.: 3.999 min  
Delta R.T.: -0.006 min  
Response: 164579  
Conc: 0.19 ng/ml



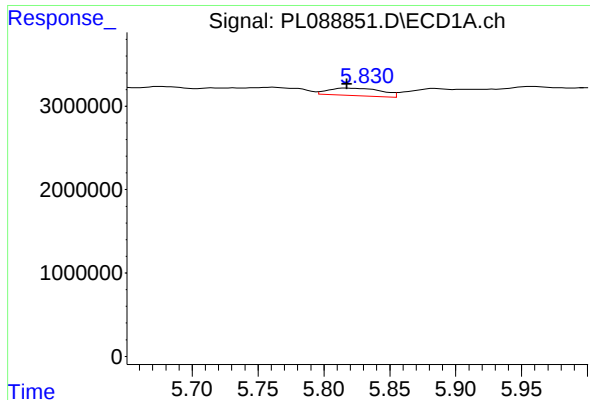
#7 delta-BHC

R.T.: 4.888 min  
Delta R.T.: 0.000 min  
Response: 963860  
Conc: 0.24 ng/ml



#7 delta-BHC

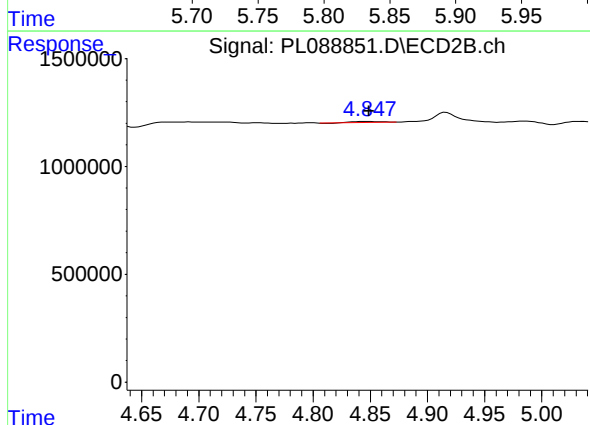
R.T.: 4.255 min  
Delta R.T.: 0.014 min  
Response: 688366  
Conc: 0.36 ng/ml



#8 Heptachlor epoxide

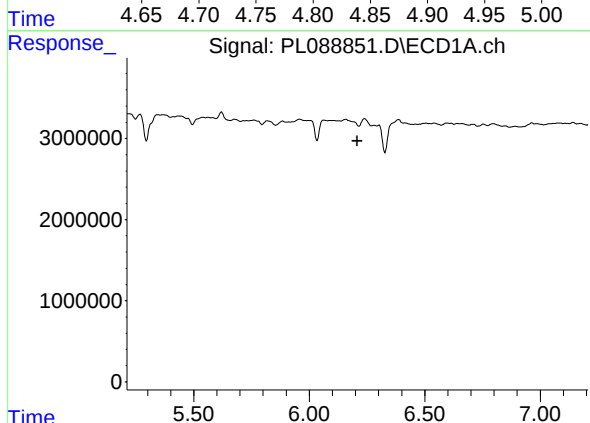
R.T.: 5.819 min  
Delta R.T.: 0.001 min  
Response: 2501964  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



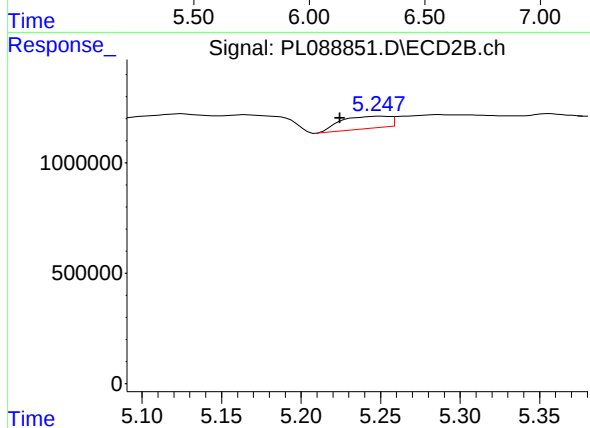
#8 Heptachlor epoxide

R.T.: 4.849 min  
Delta R.T.: 0.000 min  
Response: 68118  
Conc: 0.04 ng/ml



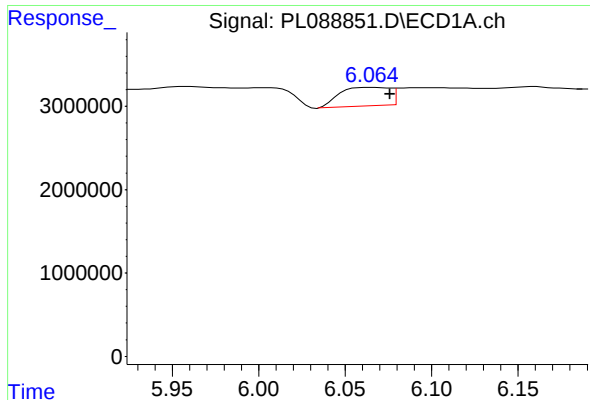
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

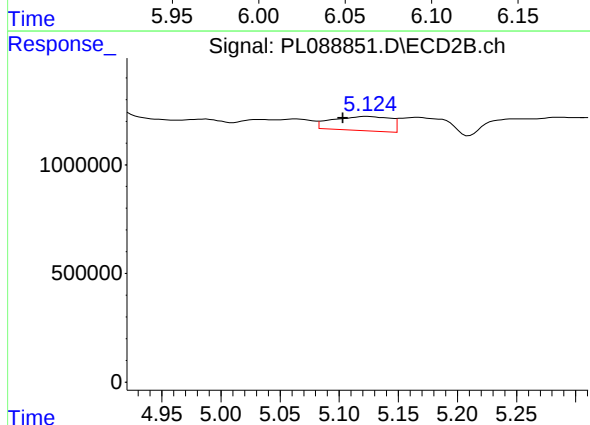
R.T.: 5.249 min  
Delta R.T.: 0.025 min  
Response: 1184164  
Conc: 0.79 ng/ml



#10 gamma-Chlordane

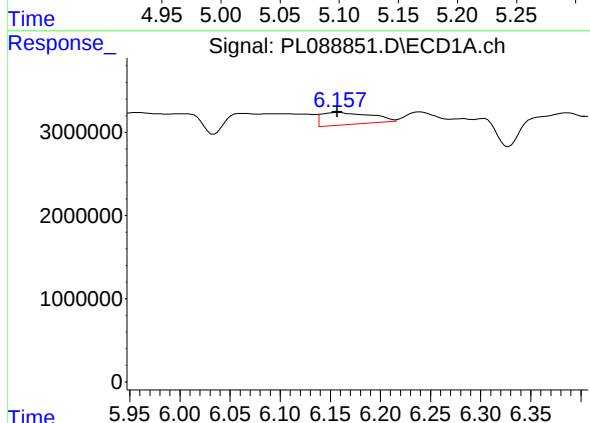
R.T.: 6.066 min  
Delta R.T.: -0.010 min  
Response: 4506208  
Conc: 1.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



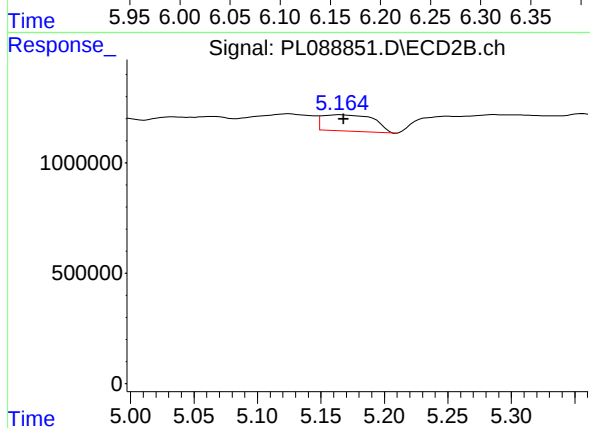
#10 gamma-Chlordane

R.T.: 5.125 min  
Delta R.T.: 0.021 min  
Response: 2208227  
Conc: 1.33 ng/ml



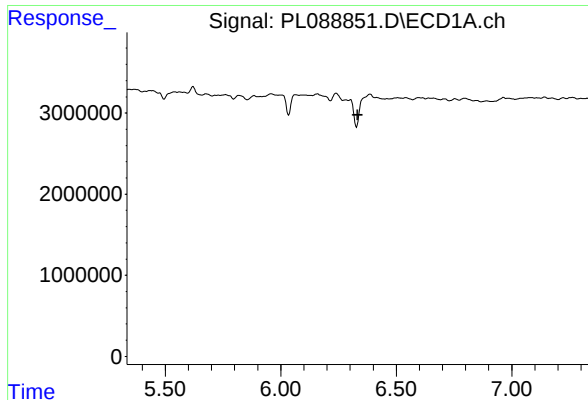
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.002 min  
Response: 5052869  
Conc: 1.52 ng/ml



#11 alpha-Chlordane

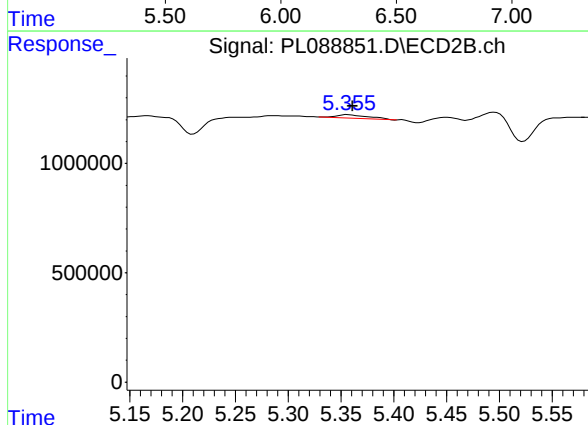
R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: 2105222  
Conc: 1.27 ng/ml



#12 4,4'-DDE

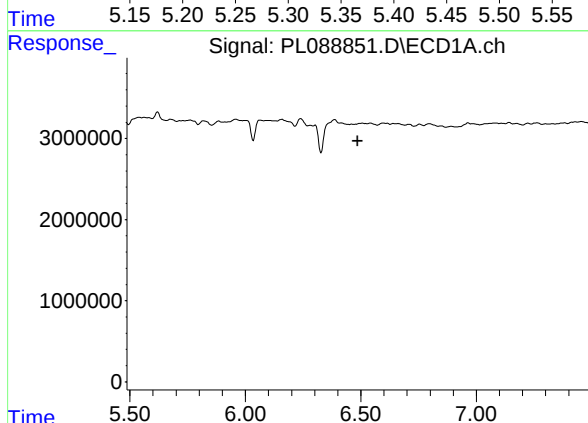
R.T.: 0.000 min  
Exp R.T.: 6.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



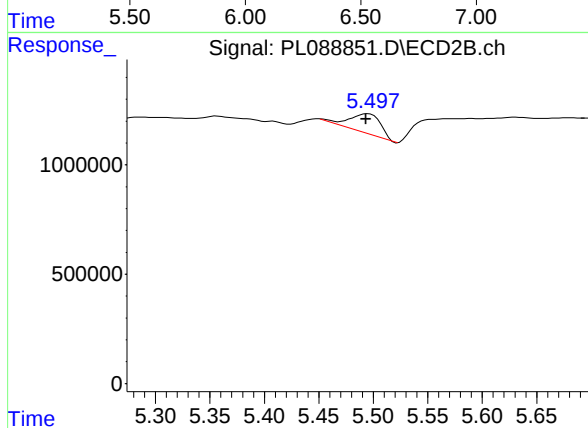
#12 4,4'-DDE

R.T.: 5.356 min  
Delta R.T.: -0.005 min  
Response: 327278  
Conc: 0.22 ng/ml



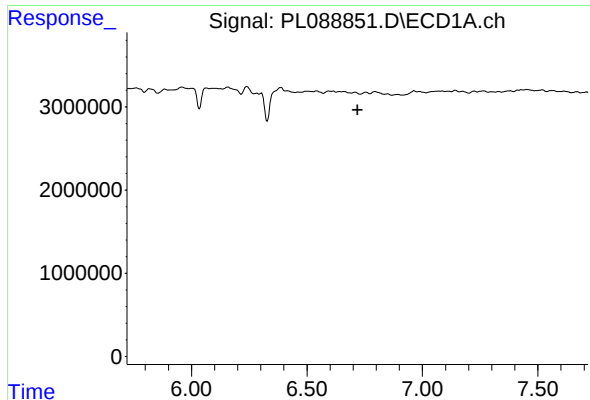
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.487 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

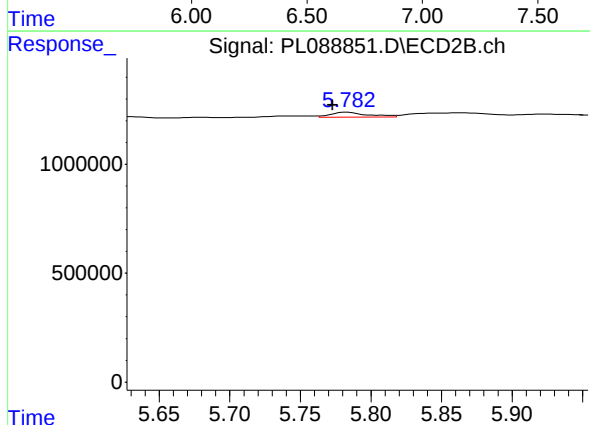
R.T.: 5.495 min  
Delta R.T.: 0.002 min  
Response: 1779683  
Conc: 1.10 ng/ml



#14 Endrin

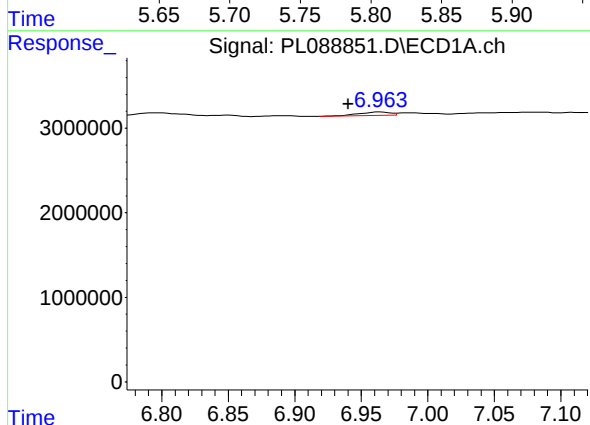
R.T.: 0.000 min  
Exp R.T.: 6.719 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



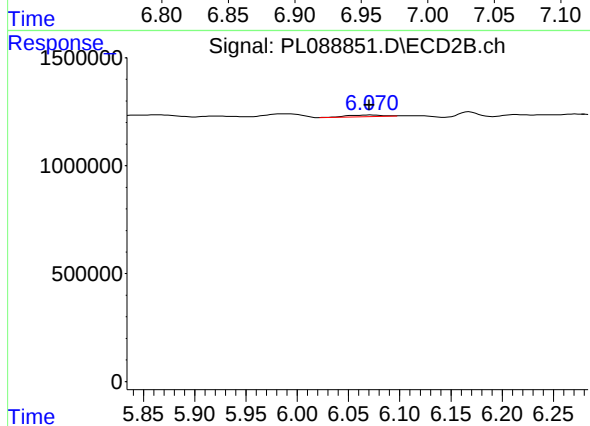
#14 Endrin

R.T.: 5.783 min  
Delta R.T.: 0.011 min  
Response: 416949  
Conc: 0.29 ng/ml



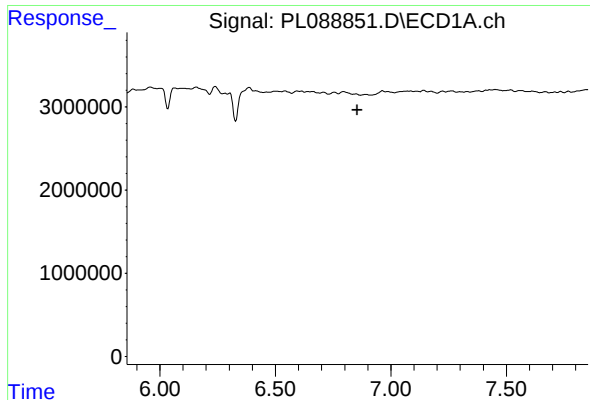
#15 Endosulfan II

R.T.: 6.964 min  
Delta R.T.: 0.024 min  
Response: 621372  
Conc: 0.22 ng/ml



#15 Endosulfan II

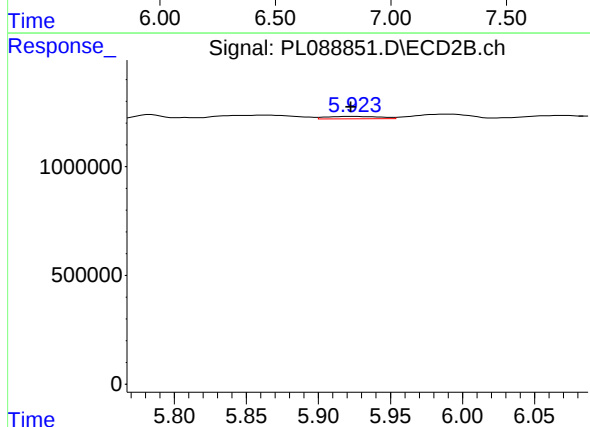
R.T.: 6.071 min  
Delta R.T.: 0.001 min  
Response: 199569  
Conc: 0.14 ng/ml



#16 4,4'-DDD

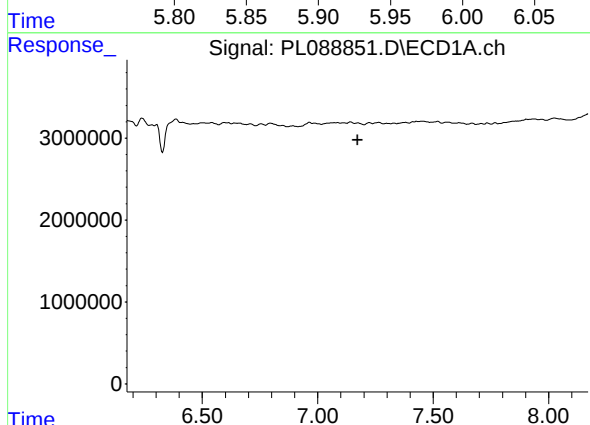
R.T.: 0.000 min  
Exp R.T.: 6.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



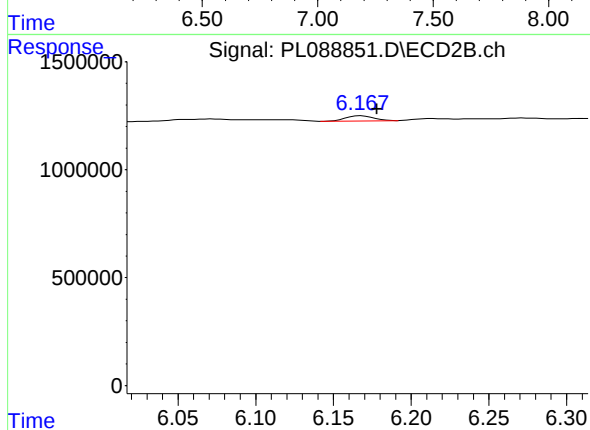
#16 4,4'-DDD

R.T.: 5.924 min  
Delta R.T.: 0.002 min  
Response: 268996  
Conc: 0.22 ng/ml



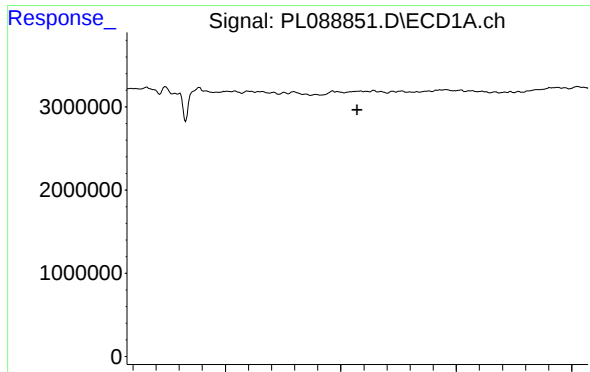
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

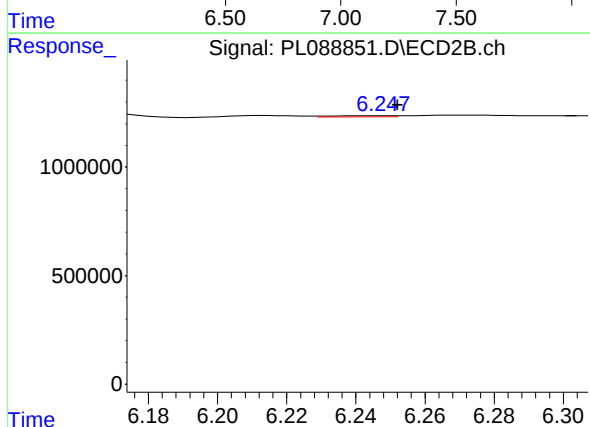
R.T.: 6.168 min  
Delta R.T.: -0.010 min  
Response: 296776  
Conc: 0.22 ng/ml



#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 7.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924

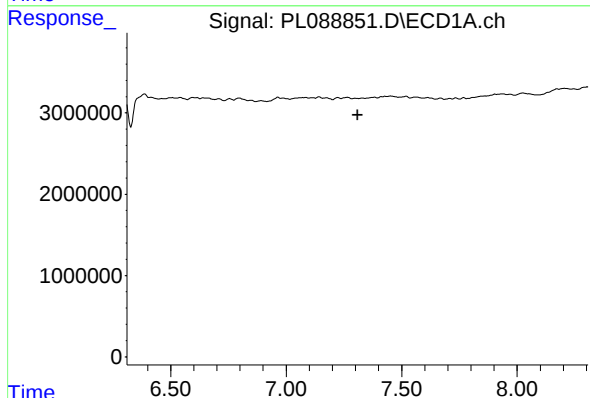


#18 Endrin aldehyde

R.T.: 6.248 min  
Delta R.T.: -0.004 min  
Response: 66526  
Conc: 0.06 ng/ml

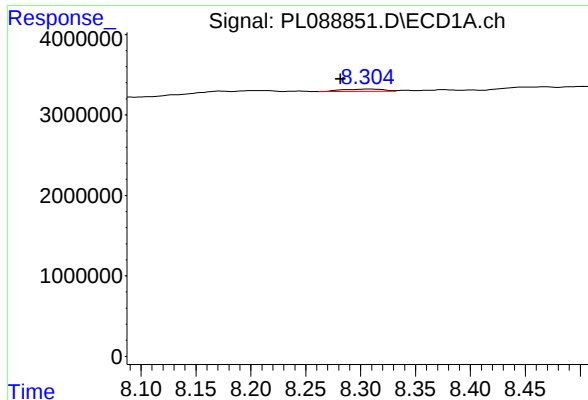
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.309 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

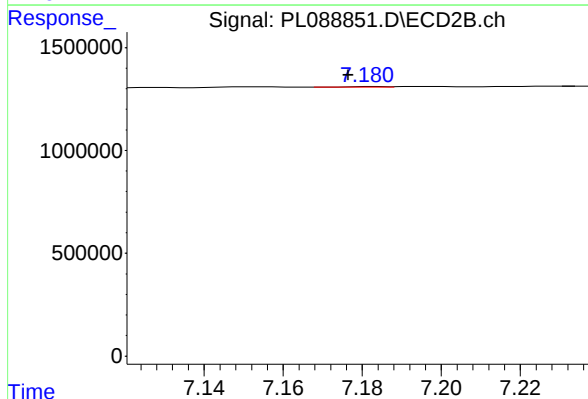
R.T.: 6.470 min  
Delta R.T.: -0.008 min  
Response: 69056  
Conc: 0.05 ng/ml



#22 Mirex

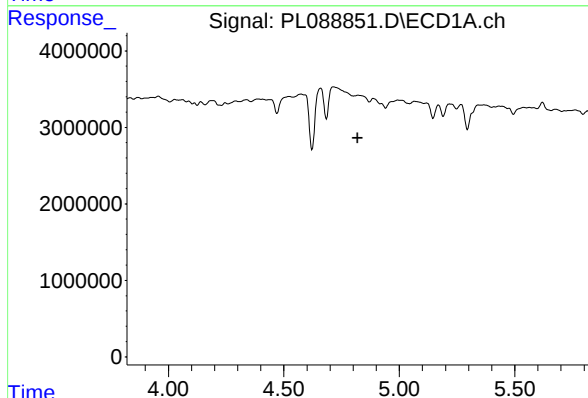
R.T.: 8.308 min  
Delta R.T.: 0.026 min  
Response: 734028  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



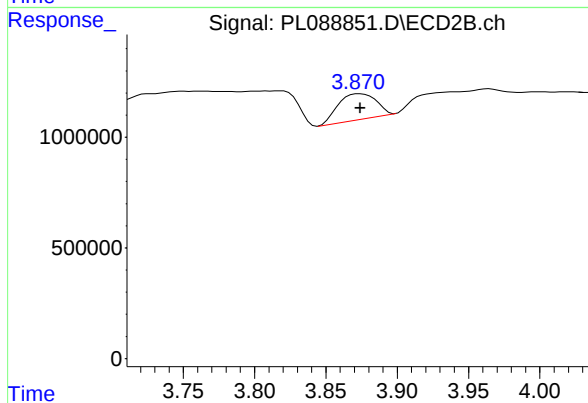
#22 Mirex

R.T.: 7.183 min  
Delta R.T.: 0.007 min  
Response: 20093  
Conc: 0.01 ng/ml



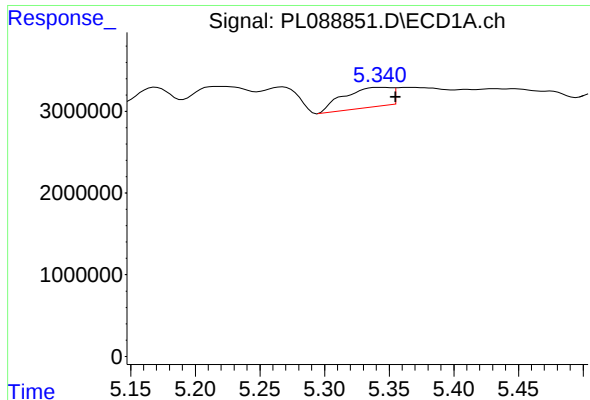
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

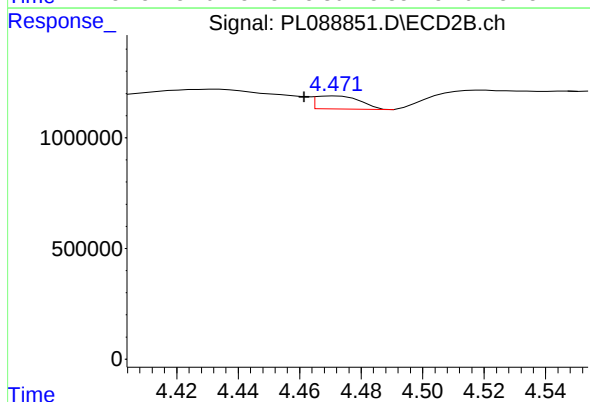
R.T.: 3.874 min  
Delta R.T.: 0.000 min  
Response: 2156044  
Conc: 44.40 ng/ml



#24 Chlordane-2

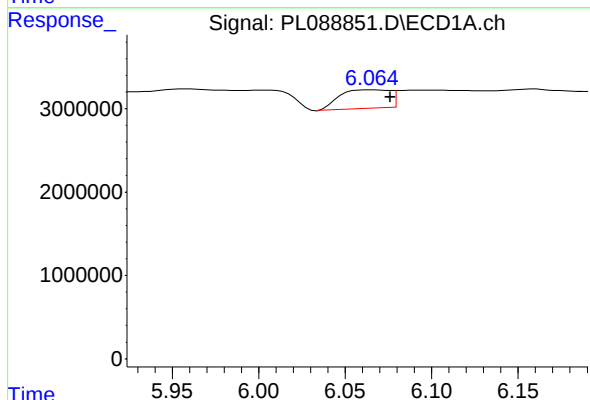
R.T.: 5.343 min  
Delta R.T.: -0.012 min  
Response: 6183840  
Conc: 47.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



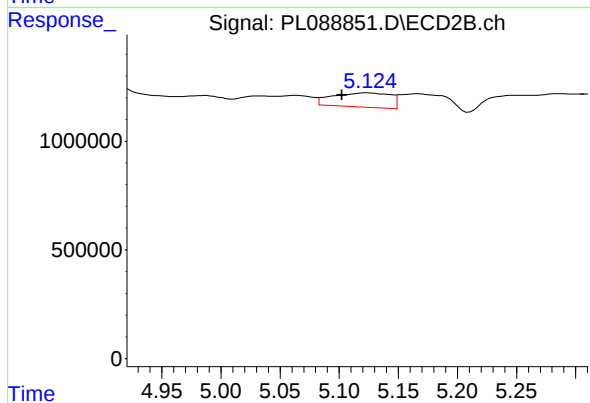
#24 Chlordane-2

R.T.: 4.472 min  
Delta R.T.: 0.011 min  
Response: 605707  
Conc: 9.98 ng/ml



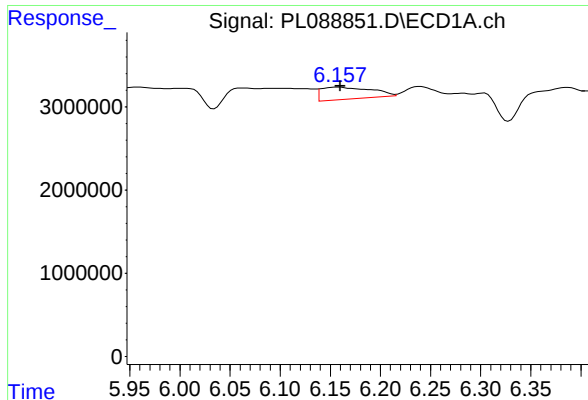
#25 Chlordane-3

R.T.: 6.066 min  
Delta R.T.: -0.011 min  
Response: 4506208  
Conc: 9.06 ng/ml



#25 Chlordane-3

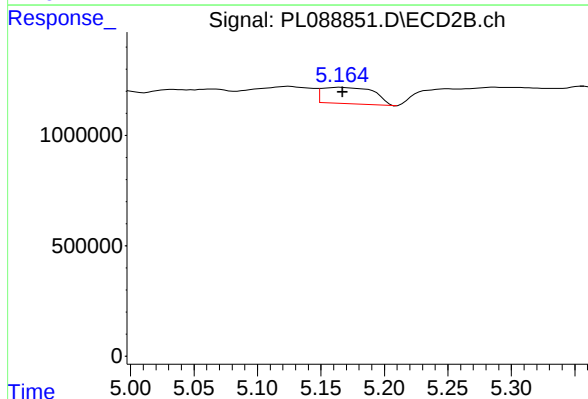
R.T.: 5.125 min  
Delta R.T.: 0.022 min  
Response: 2208227  
Conc: 12.94 ng/ml



#26 Chlordane-4

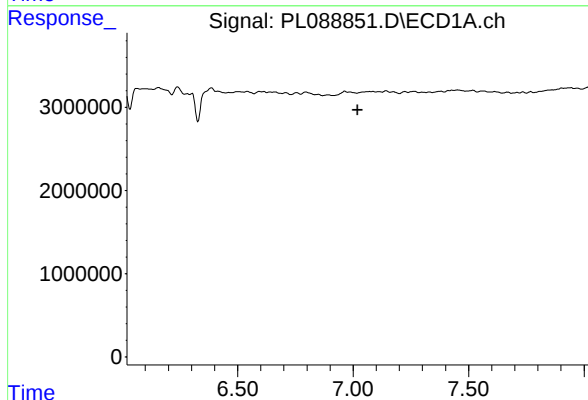
R.T.: 6.159 min  
Delta R.T.: -0.001 min  
Response: 5052869  
Conc: 8.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



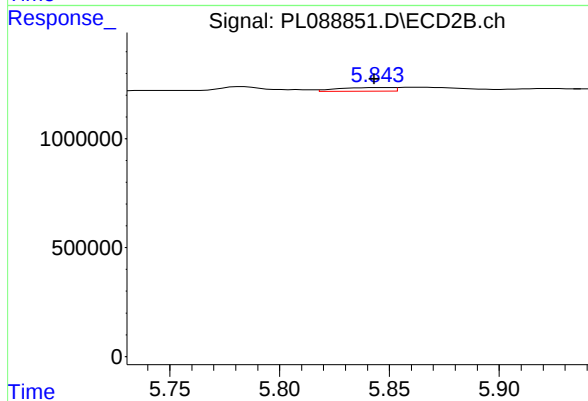
#26 Chlordane-4

R.T.: 5.166 min  
Delta R.T.: -0.001 min  
Response: 2105222  
Conc: 13.20 ng/ml



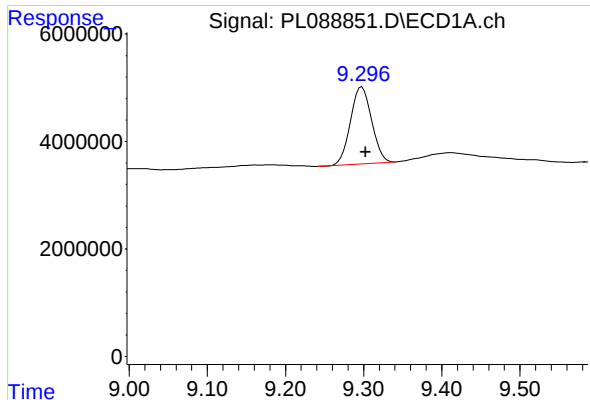
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

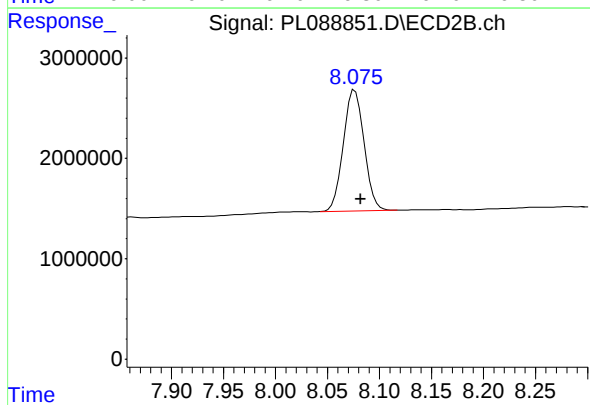
R.T.: 5.845 min  
Delta R.T.: 0.002 min  
Response: 300430  
Conc: 5.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min  
Delta R.T.: -0.005 min  
Response: 26832821  
Conc: 10.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-02-032924



#28 Decachlorobiphenyl

R.T.: 8.076 min  
Delta R.T.: -0.005 min  
Response: 16783268  
Conc: 12.38 ng/ml