

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122322\  
 Data File : PL079892.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2022 19:34  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 25 20:00:42 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122322.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Dec 25 19:58:15 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... | 3.317  | 2.564  | 50064147 | 60242854 | 21.351  | 21.263  |
| 28)                         | SA Decachlor... | 8.770  | 7.632  | 44375139 | 50704224 | 22.579  | 22.223  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.778  | 3.050  | 35387855 | 48421818 | 9.806   | 10.782  |
| 3)                          | MA gamma-BHC... | 4.111  | 3.371  | 34559720 | 43382866 | 10.193  | 10.867  |
| 4)                          | MA Heptachlor   | 4.668  | 3.672f | 163893   | 19742600 | 0.048   | 4.772 # |
| 5)                          | MB Aldrin       | 0.000  | 3.995f | 0        | 116292   | N.D.    | 0.030 # |
| 6)                          | B beta-BHC      | 4.327  | 3.672  | 16164654 | 19742600 | 11.064  | 12.775  |
| 7)                          | B delta-BHC     | 0.000  | 3.894  | 0        | 104678   | N.D.    | 0.026 # |
| 8)                          | B Heptachlo...  | 5.460  | 4.446f | 1648669  | 373385   | 0.611   | 0.108 # |
| 9)                          | A Endosulfan I  | 5.861f | 4.842  | 357615   | 400559   | 0.132   | 0.121   |
| 12)                         | B 4,4'-DDE      | 5.972  | 4.975  | 252633   | 318864   | 0.098   | 0.100   |
| 13)                         | MA Dieldrin     | 0.000  | 5.083  | 0        | 431171   | N.D.    | 0.124 # |
| 14)                         | MA Endrin       | 6.348  | 5.362  | 127.3E6  | 152.1E6  | 50.028  | 51.395  |
| 15)                         | B Endosulfa...  | 6.582  | 5.687f | 679702   | 637876   | 0.271   | 0.219   |
| 16)                         | A 4,4'-DDD      | 6.496  | 5.522  | 3501562  | 2915063  | 1.664   | 1.126 # |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.769  | 250.1E6  | 288.2E6  | 106.172 | 107.621 |
| 18)                         | B Endrin al...  | 6.709  | 5.839  | 2975582  | 6105636  | 1.583   | 2.793 # |
| 20)                         | A Methoxychlor  | 7.291  | 6.346  | 319.8E6  | 338.6E6  | 264.063 | 243.048 |
| 21)                         | B Endrin ke...  | 7.428  | 6.556  | 5774265  | 9281832  | 2.287   | 2.971 # |
| 24)                         | Chlordane-2     | 0.000  | 4.083  | 0        | 545769   | N.D.    | 4.659 # |
| 27)                         | Chlordane-5     | 0.000  | 5.459f | 0        | 29271    | N.D.    | 0.318 # |
| -----                       |                 |        |        |          |          |         |         |

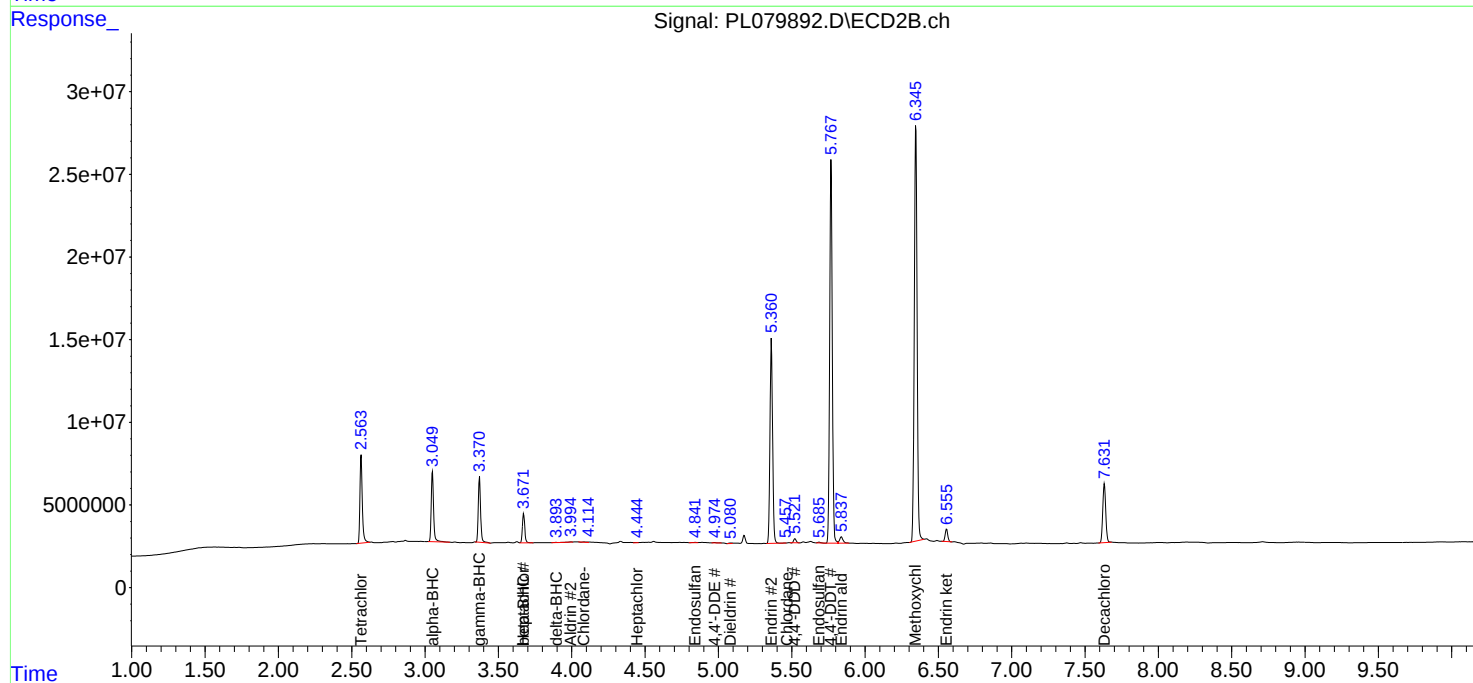
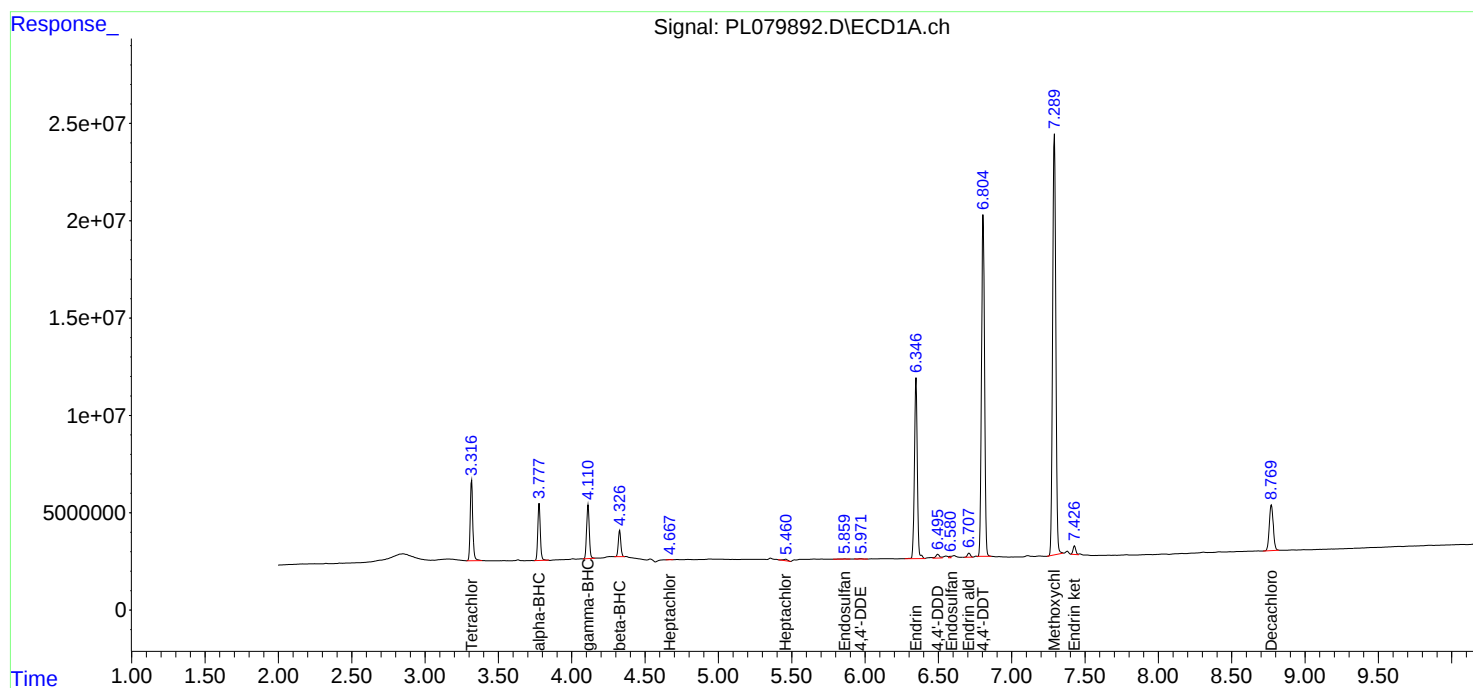
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

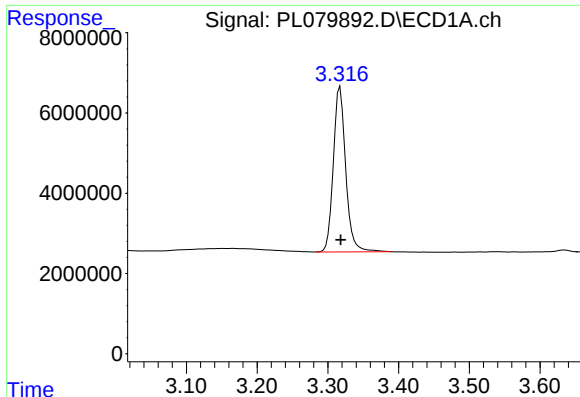
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122322\  
Data File : PL079892.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Dec 2022 19:34  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 25 20:00:42 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122322.M  
Quant Title : GC Extractables  
QLast Update : Sun Dec 25 19:58:15 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

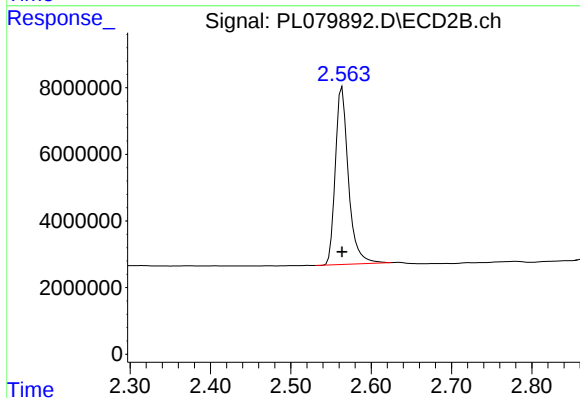




#1 Tetrachloro-m-xylene

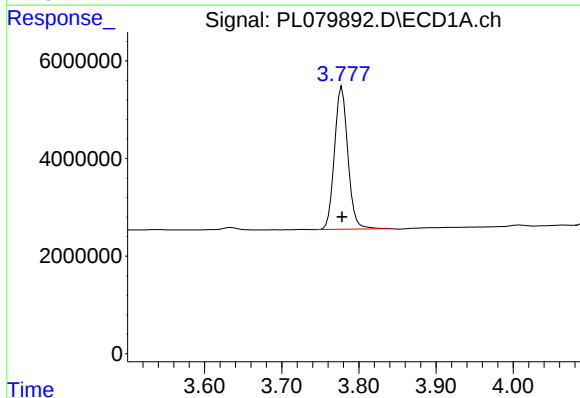
R.T.: 3.317 min  
Delta R.T.: 0.000 min  
Response: 50064147  
Conc: 21.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



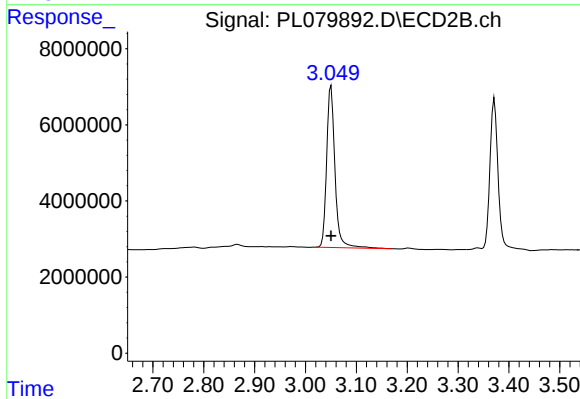
#1 Tetrachloro-m-xylene

R.T.: 2.564 min  
Delta R.T.: 0.000 min  
Response: 60242854  
Conc: 21.26 ng/ml



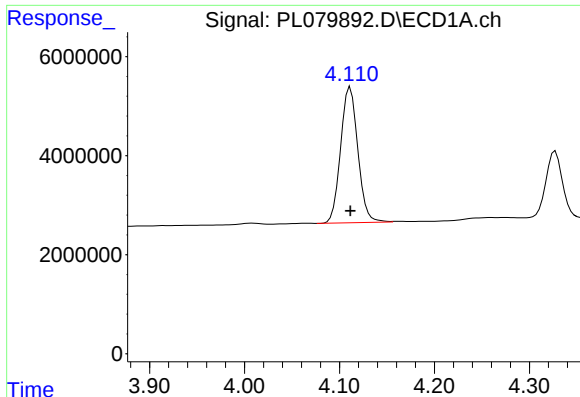
#2 alpha-BHC

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 35387855  
Conc: 9.81 ng/ml



#2 alpha-BHC

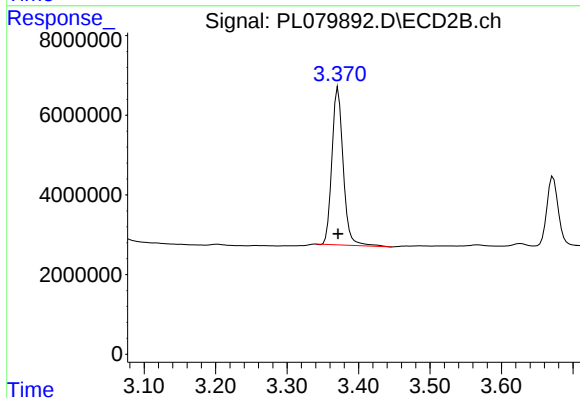
R.T.: 3.050 min  
Delta R.T.: 0.000 min  
Response: 48421818  
Conc: 10.78 ng/ml



#3 gamma-BHC (Lindane)

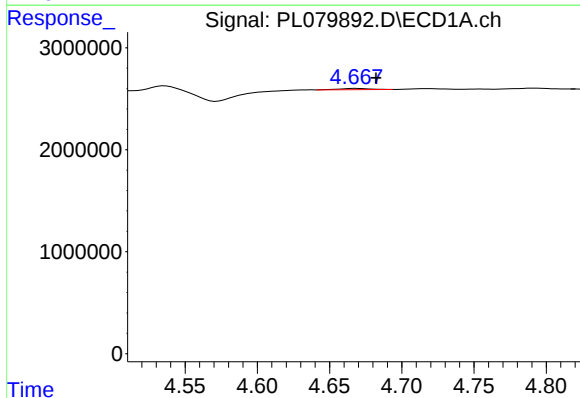
R.T.: 4.111 min  
Delta R.T.: 0.000 min  
Response: 34559720  
Conc: 10.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



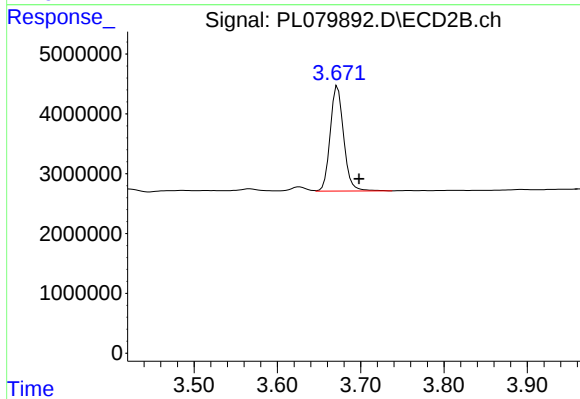
#3 gamma-BHC (Lindane)

R.T.: 3.371 min  
Delta R.T.: 0.000 min  
Response: 43382866  
Conc: 10.87 ng/ml



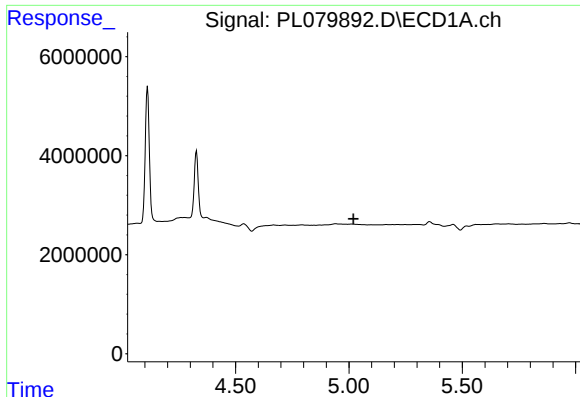
#4 Heptachlor

R.T.: 4.668 min  
Delta R.T.: -0.014 min  
Response: 163893  
Conc: 0.05 ng/ml



#4 Heptachlor

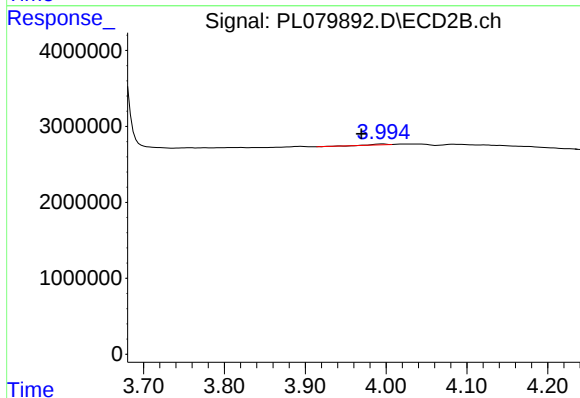
R.T.: 3.672 min  
Delta R.T.: -0.026 min  
Response: 19742600  
Conc: 4.77 ng/ml



#5 Aldrin

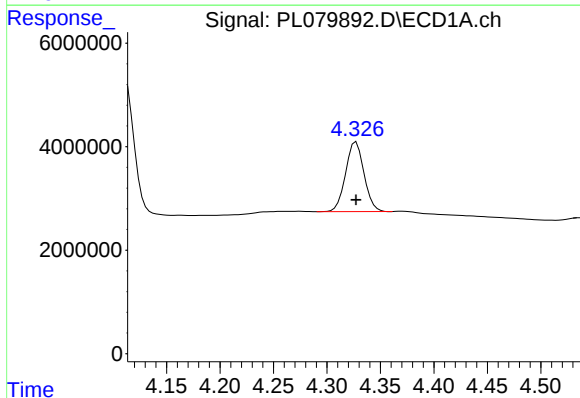
R.T.: 0.000 min  
Exp R.T.: 5.021 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



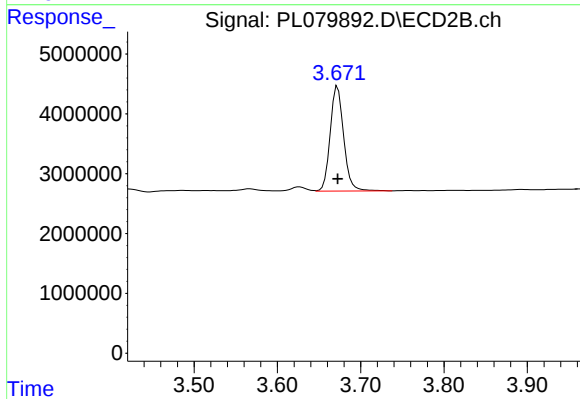
#5 Aldrin

R.T.: 3.995 min  
Delta R.T.: 0.026 min  
Response: 116292  
Conc: 0.03 ng/ml



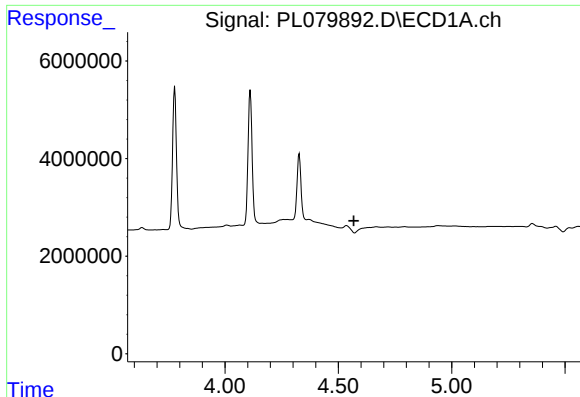
#6 beta-BHC

R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 16164654  
Conc: 11.06 ng/ml



#6 beta-BHC

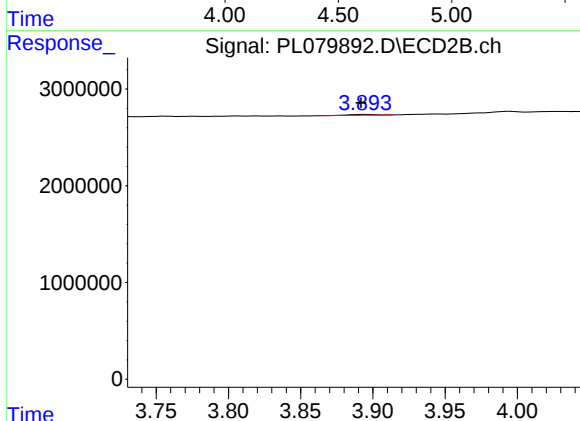
R.T.: 3.672 min  
Delta R.T.: 0.000 min  
Response: 19742600  
Conc: 12.78 ng/ml



#7 delta-BHC

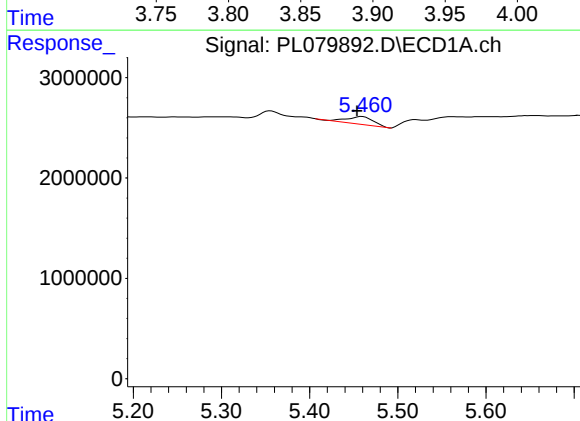
R.T.: 0.000 min  
Exp R.T.: 4.568 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



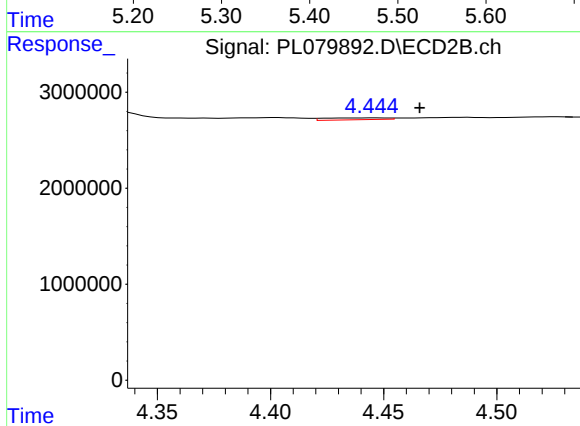
#7 delta-BHC

R.T.: 3.894 min  
Delta R.T.: 0.002 min  
Response: 104678  
Conc: 0.03 ng/ml



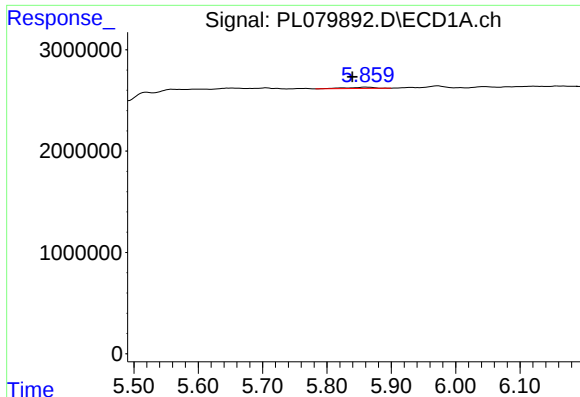
#8 Heptachlor epoxide

R.T.: 5.460 min  
Delta R.T.: 0.006 min  
Response: 1648669  
Conc: 0.61 ng/ml



#8 Heptachlor epoxide

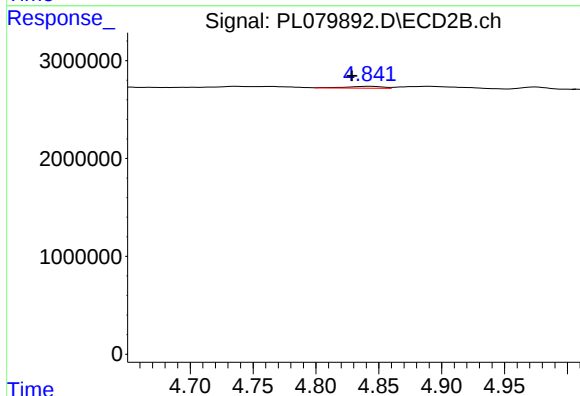
R.T.: 4.446 min  
Delta R.T.: -0.019 min  
Response: 373385  
Conc: 0.11 ng/ml



#9 Endosulfan I

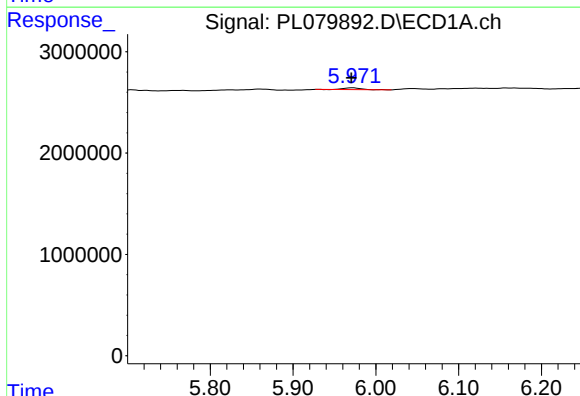
R.T.: 5.861 min  
Delta R.T.: 0.021 min  
Response: 357615  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



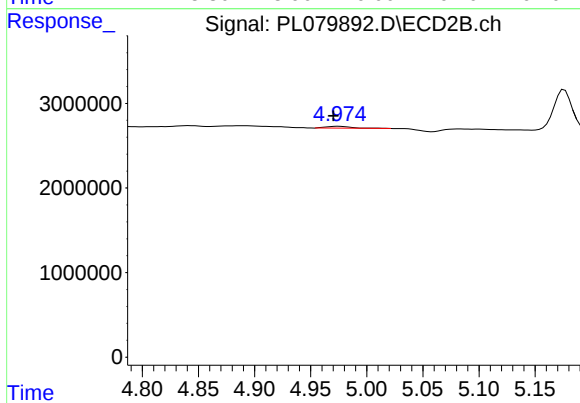
#9 Endosulfan I

R.T.: 4.842 min  
Delta R.T.: 0.013 min  
Response: 400559  
Conc: 0.12 ng/ml



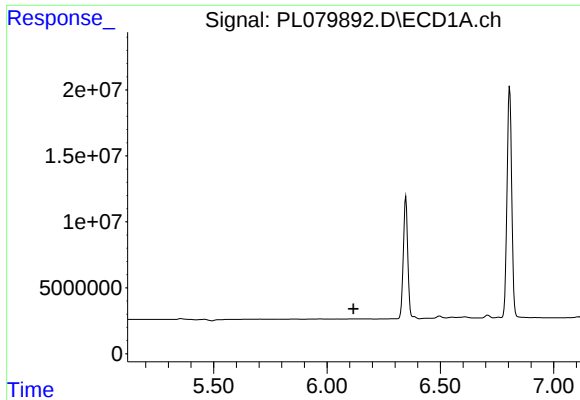
#12 4,4'-DDE

R.T.: 5.972 min  
Delta R.T.: 0.002 min  
Response: 252633  
Conc: 0.10 ng/ml



#12 4,4'-DDE

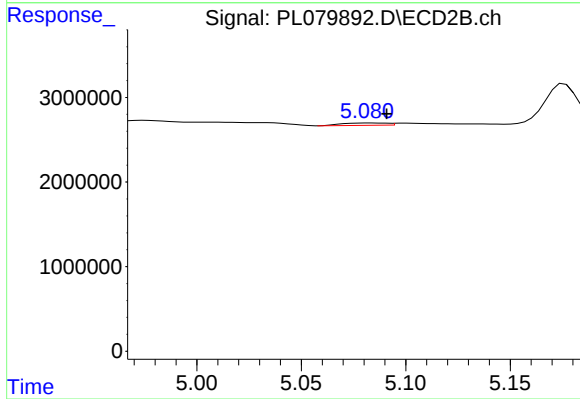
R.T.: 4.975 min  
Delta R.T.: 0.005 min  
Response: 318864  
Conc: 0.10 ng/ml



#13 Dieldrin

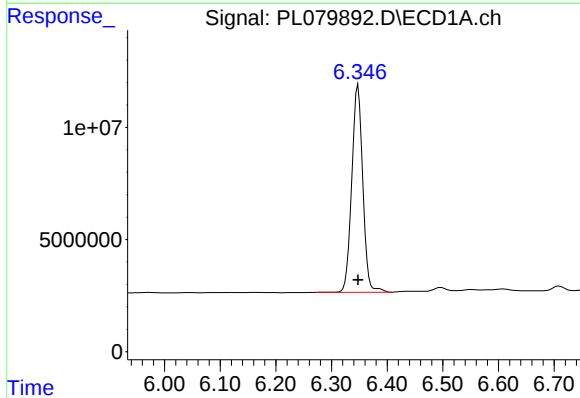
R.T.: 0.000 min  
Exp R.T.: 6.117 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



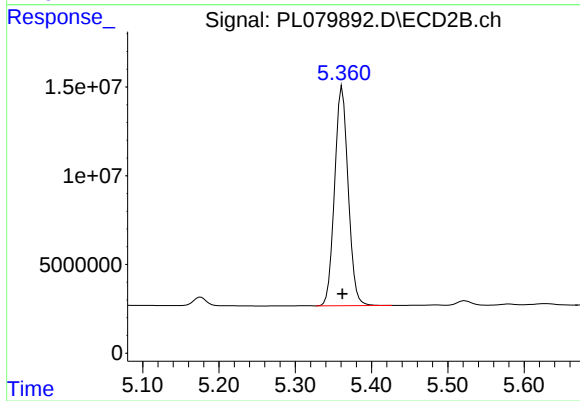
#13 Dieldrin

R.T.: 5.083 min  
Delta R.T.: -0.008 min  
Response: 431171  
Conc: 0.12 ng/ml



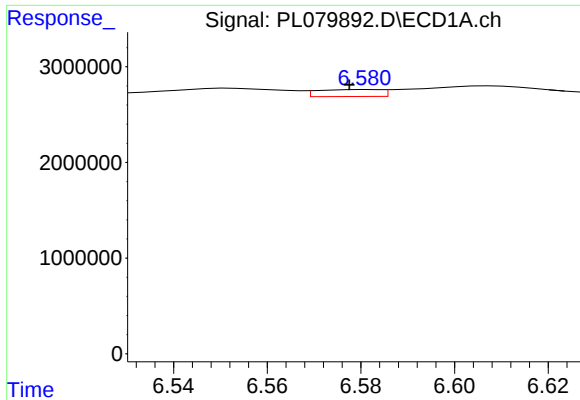
#14 Endrin

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 127254228  
Conc: 50.03 ng/ml



#14 Endrin

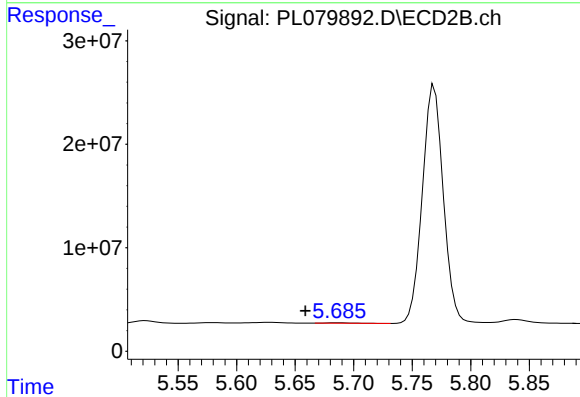
R.T.: 5.362 min  
Delta R.T.: 0.000 min  
Response: 152127189  
Conc: 51.40 ng/ml



#15 Endosulfan II

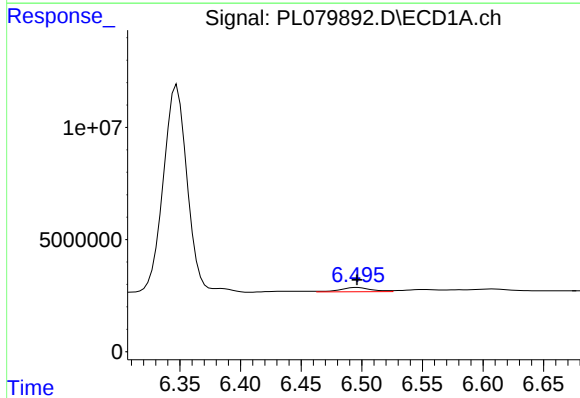
R.T.: 6.582 min  
Delta R.T.: 0.004 min  
Response: 679702  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



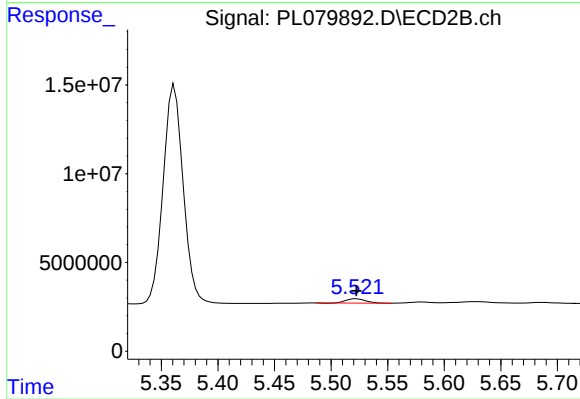
#15 Endosulfan II

R.T.: 5.687 min  
Delta R.T.: 0.028 min  
Response: 637876  
Conc: 0.22 ng/ml



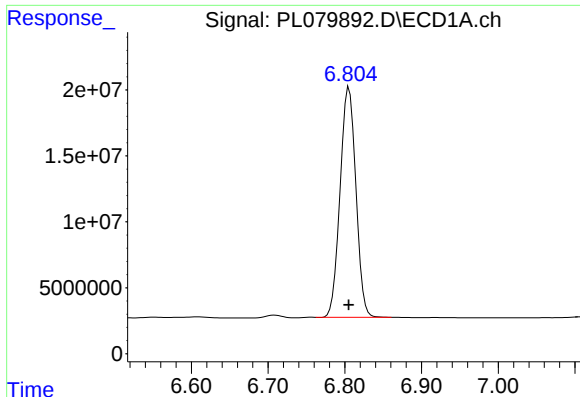
#16 4,4'-DDD

R.T.: 6.496 min  
Delta R.T.: 0.000 min  
Response: 3501562  
Conc: 1.66 ng/ml



#16 4,4'-DDD

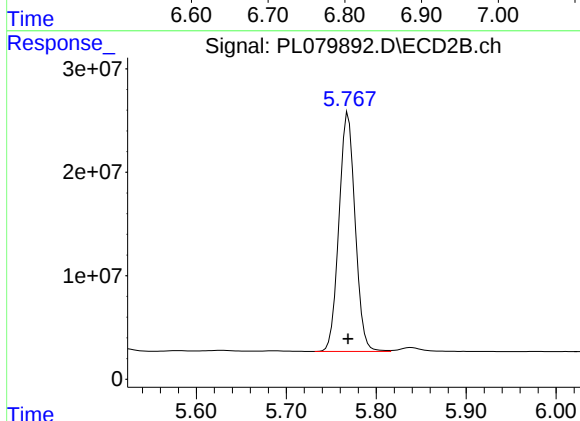
R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 2915063  
Conc: 1.13 ng/ml



#17 4,4'-DDT

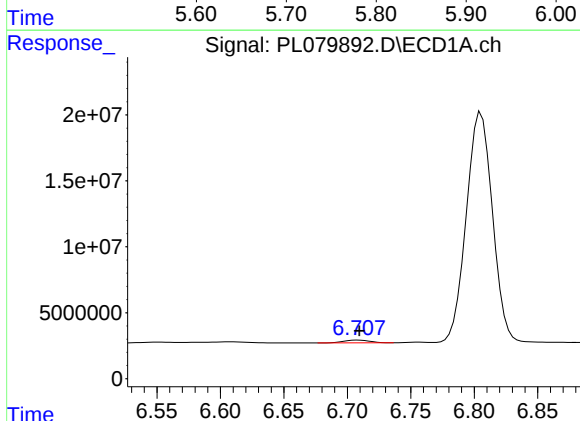
R.T.: 6.805 min  
Delta R.T.: 0.000 min  
Response: 250115046  
Conc: 106.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



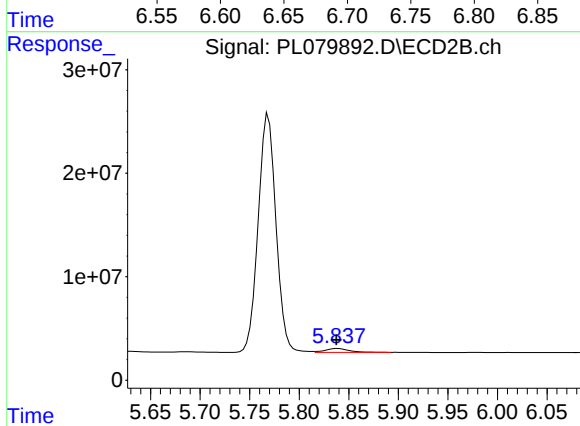
#17 4,4'-DDT

R.T.: 5.769 min  
Delta R.T.: 0.000 min  
Response: 288176138  
Conc: 107.62 ng/ml



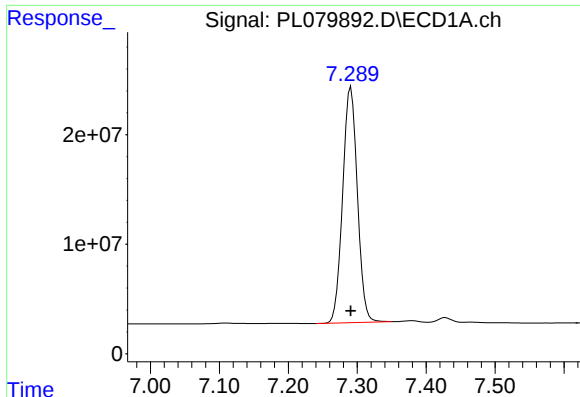
#18 Endrin aldehyde

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 2975582  
Conc: 1.58 ng/ml



#18 Endrin aldehyde

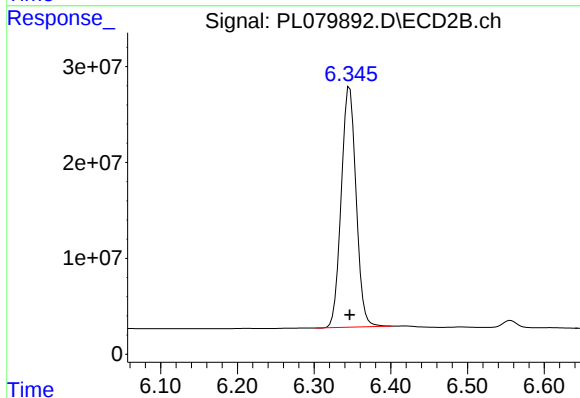
R.T.: 5.839 min  
Delta R.T.: 0.001 min  
Response: 6105636  
Conc: 2.79 ng/ml



#20 Methoxychlor

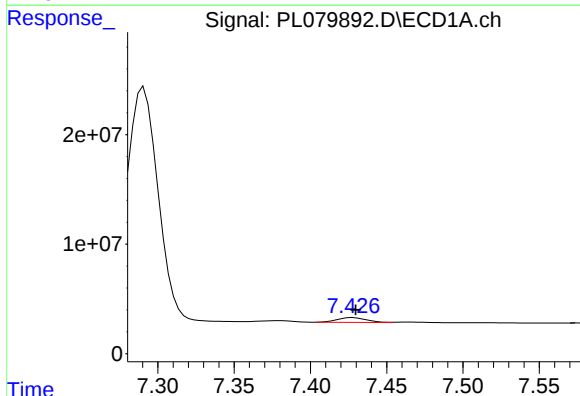
R.T.: 7.291 min  
Delta R.T.: 0.000 min  
Response: 319810541  
Conc: 264.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



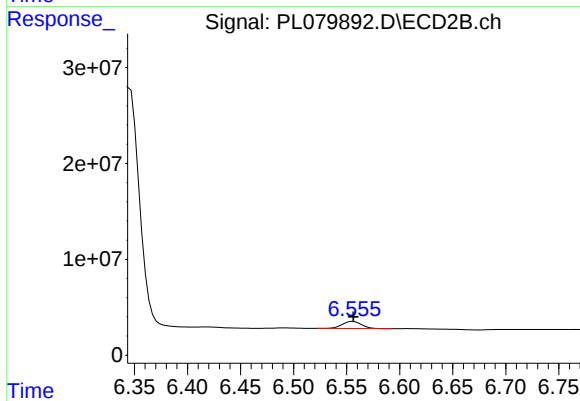
#20 Methoxychlor

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 338589430  
Conc: 243.05 ng/ml



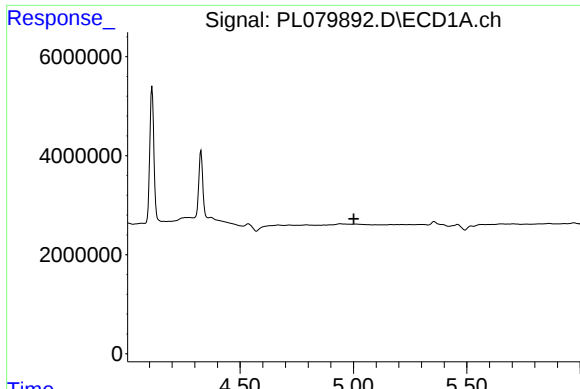
#21 Endrin ketone

R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 5774265  
Conc: 2.29 ng/ml



#21 Endrin ketone

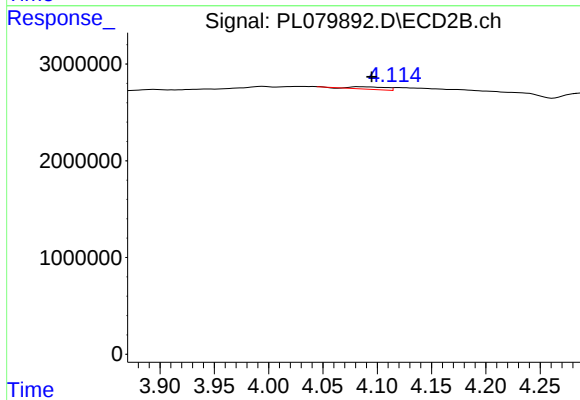
R.T.: 6.556 min  
Delta R.T.: 0.000 min  
Response: 9281832  
Conc: 2.97 ng/ml



#24 Chlordane-2

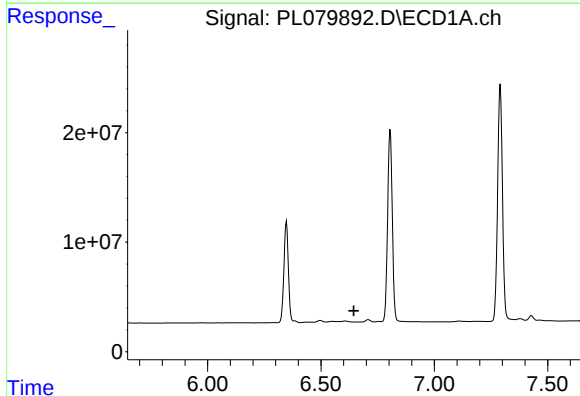
R.T.: 0.000 min  
Exp R.T.: 5.001 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



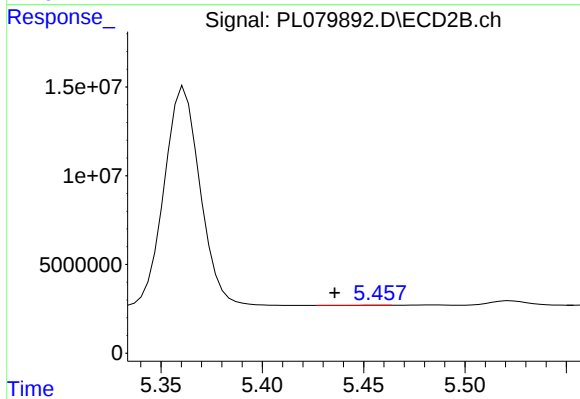
#24 Chlordane-2

R.T.: 4.083 min  
Delta R.T.: -0.012 min  
Response: 545769  
Conc: 4.66 ng/ml



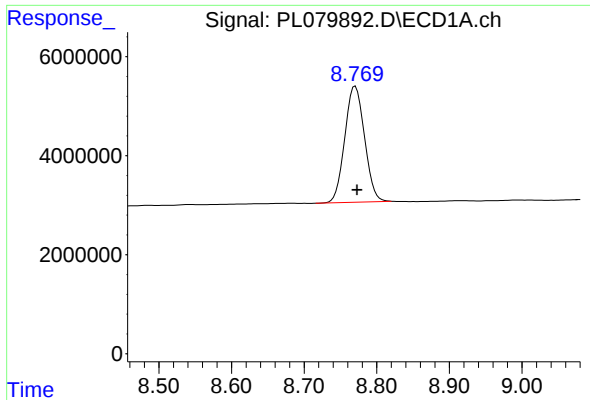
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.645 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

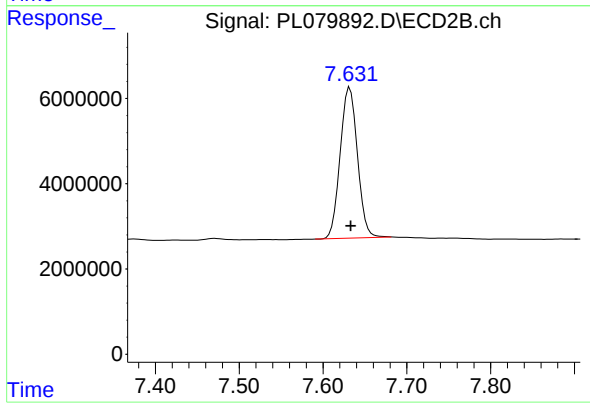
R.T.: 5.459 min  
Delta R.T.: 0.023 min  
Response: 29271  
Conc: 0.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.770 min  
Delta R.T.: -0.002 min  
Response: 44375139  
Conc: 22.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 7.632 min  
Delta R.T.: 0.000 min  
Response: 50704224  
Conc: 22.22 ng/ml