

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033121\  
 Data File : PD061915.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2021 09:40  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 14:25:20 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|--------|----------|----------|---------|---------|
| -----                       |                 |       |        |          |          |         |         |
| System Monitoring Compounds |                 |       |        |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.485 | 3.981  | 17121940 | 187.2E6  | 20.449  | 21.543  |
| 28)                         | SA Decachlor... | 8.258 | 9.039  | 22148176 | 165.1E6  | 18.000  | 17.486  |
| Target Compounds            |                 |       |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.925 | 4.370  | 12204946 | 133.7E6  | 9.663   | 9.940   |
| 3)                          | MA gamma-BHC... | 4.210 | 4.654  | 12517089 | 135.6E6  | 10.543  | 10.873  |
| 5)                          | MB Aldrin       | 0.000 | 5.471  | 0        | 2602566  | N.D.    | 0.209 # |
| 6)                          | B beta-BHC      | 4.460 | 4.824  | 5870169  | 56303583 | 10.765  | 10.901  |
| 7)                          | B delta-BHC     | 0.000 | 5.031  | 0        | 42222639 | N.D.    | 3.192 # |
| 8)                          | B Heptachlo...  | 0.000 | 5.858  | 0        | 44293229 | N.D.    | 3.741 # |
| 9)                          | A Endosulfan I  | 0.000 | 6.212  | 0        | 549832   | N.D.    | 0.051 # |
| 11)                         | B alpha-Chl...  | 0.000 | 6.176f | 0        | 2193345  | N.D.    | 0.192 # |
| 12)                         | B 4,4'-DDE      | 0.000 | 6.315  | 0        | 1616736  | N.D.    | 0.140 # |
| 13)                         | MA Dieldrin     | 0.000 | 6.469  | 0        | 5700200  | N.D.    | 0.494 # |
| 14)                         | MA Endrin       | 6.050 | 6.684  | 52429817 | 461.6E6  | 51.026  | 46.642  |
| 17)                         | MA 4,4'-DDT     | 6.415 | 7.105  | 96763694 | 852.1E6  | 107.428 | 89.206  |
| 18)                         | B Endrin al...  | 0.000 | 7.017  | 0        | 564401   | N.D.    | 0.072 # |
| 20)                         | A Methoxychlor  | 6.962 | 7.562  | 132.9E6  | 972.8E6  | 281.304 | 215.802 |
| 21)                         | B Endrin ke...  | 0.000 | 7.711  | 0        | 5642092  | N.D.    | 0.556 # |
| 22)                         | Mirex           | 0.000 | 8.154  | 0        | 1038950  | N.D.    | 0.161 # |
| 24)                         | Chlordane-2     | 0.000 | 5.471f | 0        | 2602566  | N.D.    | 6.783 # |
| 26)                         | Chlordane-4     | 0.000 | 6.176  | 0        | 2193345  | N.D.    | 1.143 # |
| 27)                         | Chlordane-5     | 0.000 | 6.968  | 0        | 607451   | N.D.    | 1.685 # |
| -----                       |                 |       |        |          |          |         |         |

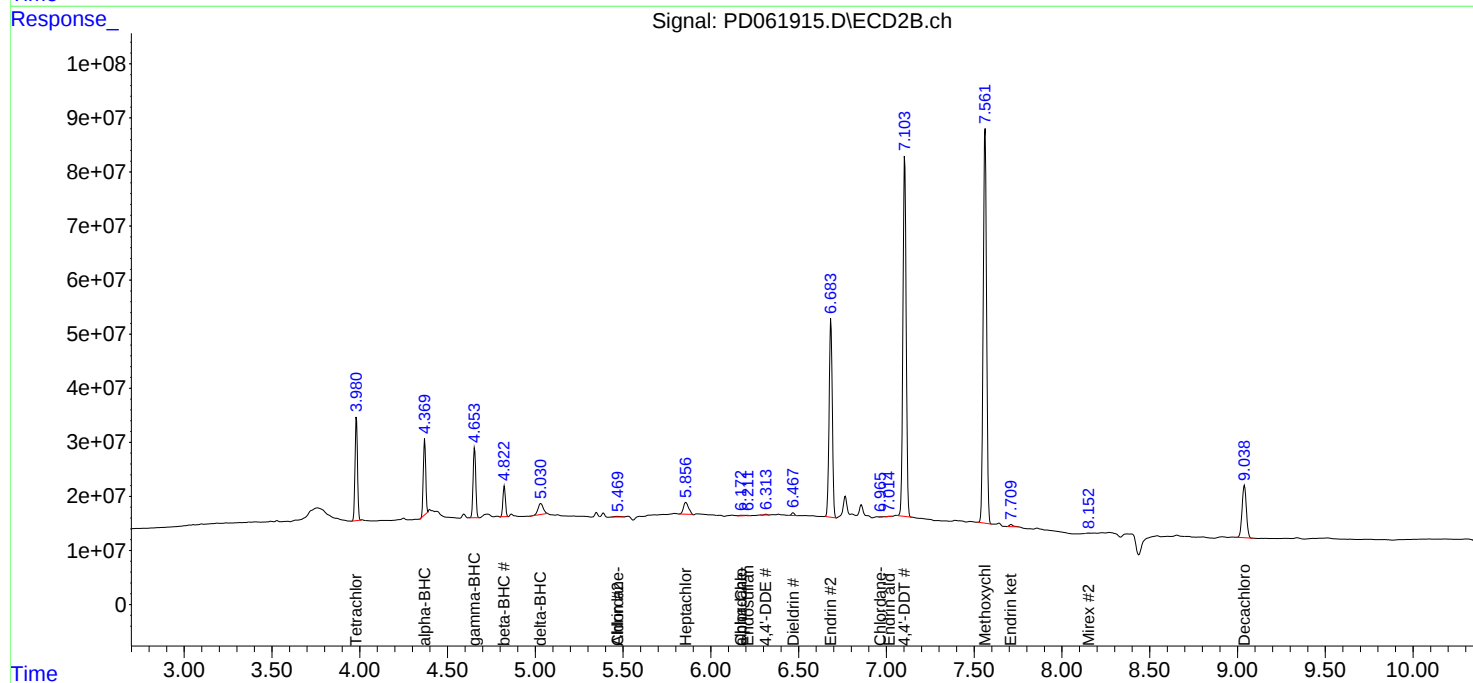
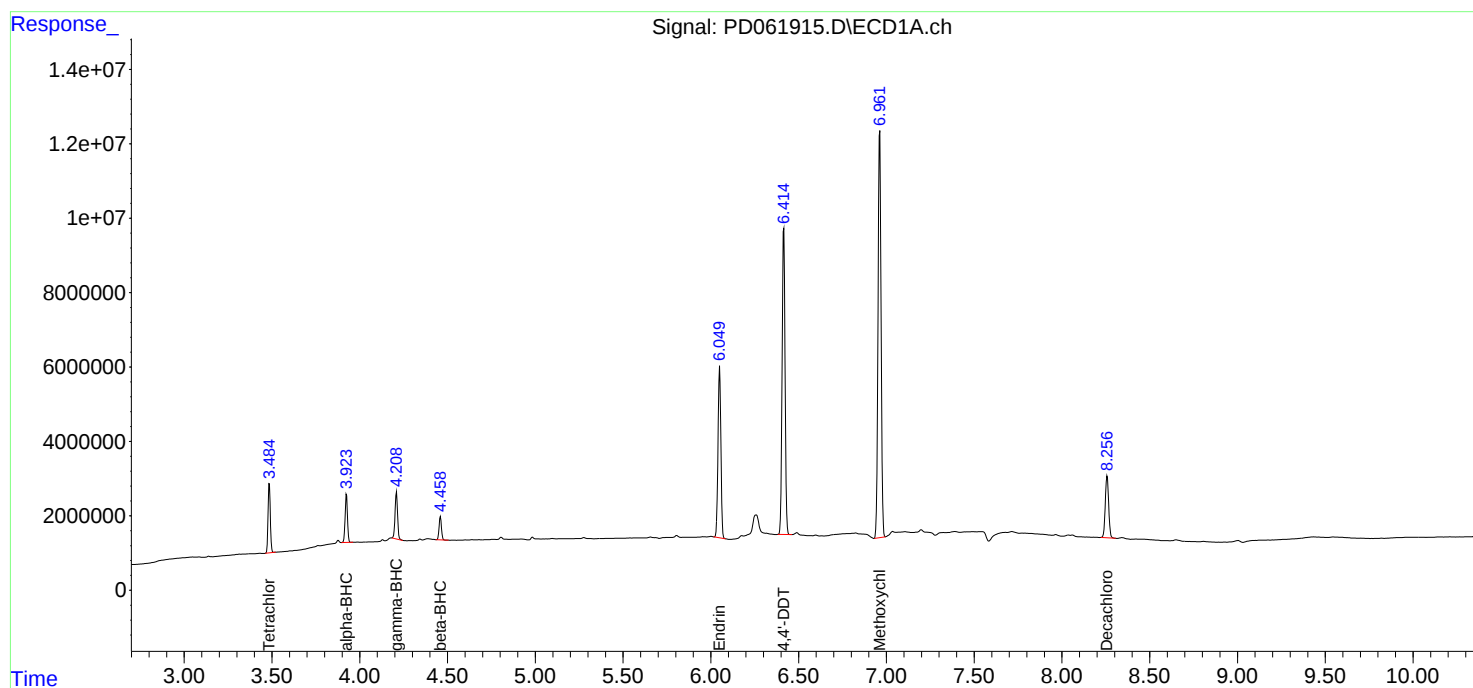
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

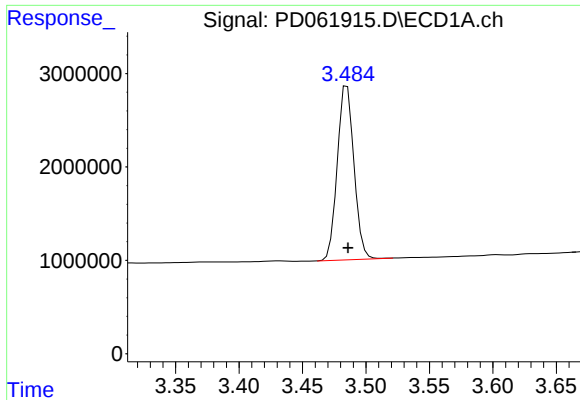
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033121\  
Data File : PD061915.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2021 09:40  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 31 14:25:20 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

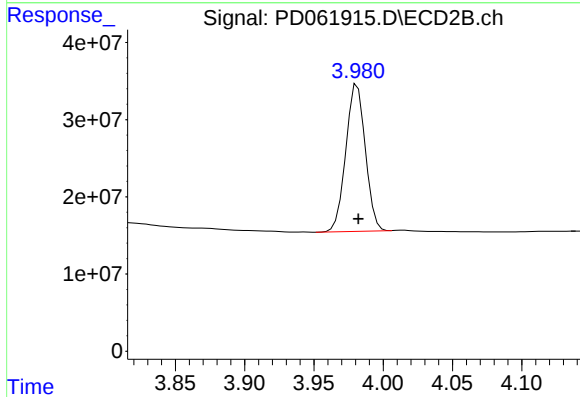




#1 Tetrachloro-m-xylene

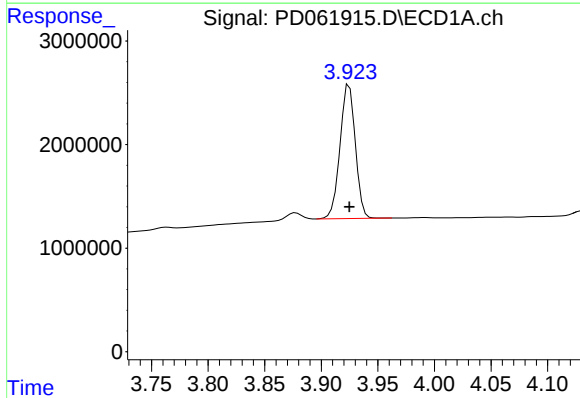
R.T.: 3.485 min  
Delta R.T.: 0.000 min  
Response: 17121940  
Conc: 20.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



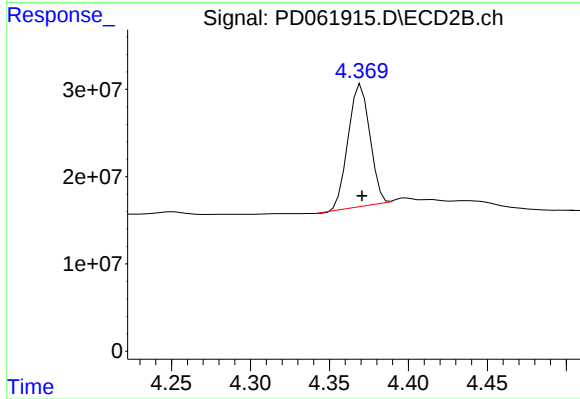
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 187187986  
Conc: 21.54 ng/ml



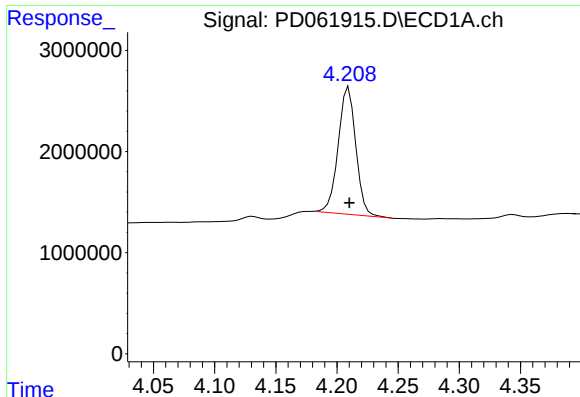
#2 alpha-BHC

R.T.: 3.925 min  
Delta R.T.: 0.000 min  
Response: 12204946  
Conc: 9.66 ng/ml



#2 alpha-BHC

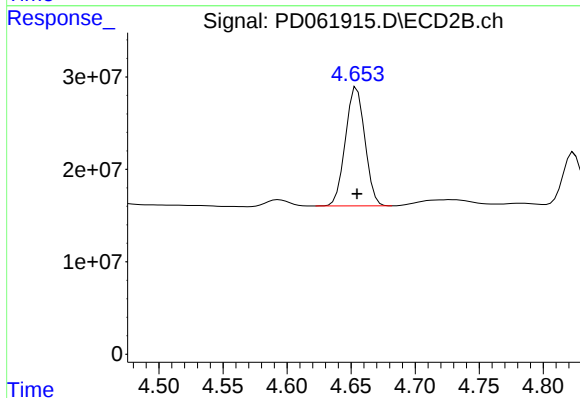
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 133696805  
Conc: 9.94 ng/ml



#3 gamma-BHC (Lindane)

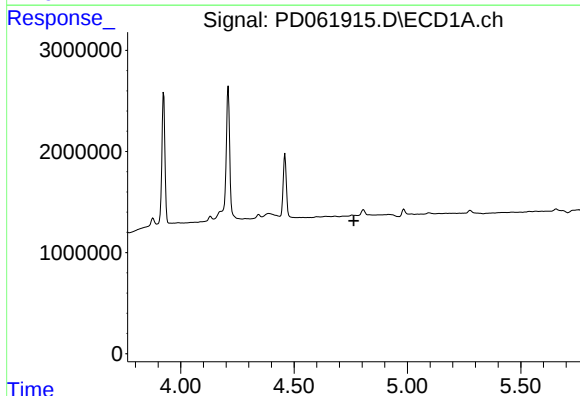
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 12517089  
Conc: 10.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



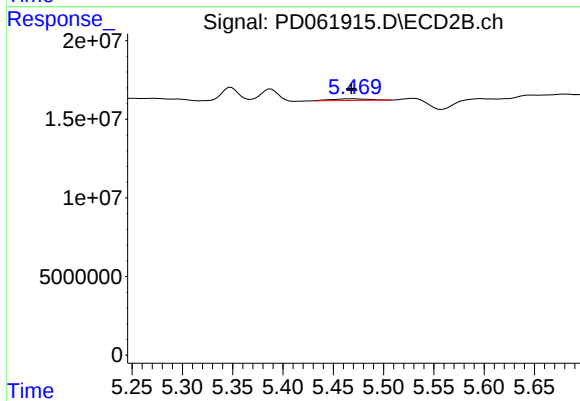
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 135623023  
Conc: 10.87 ng/ml



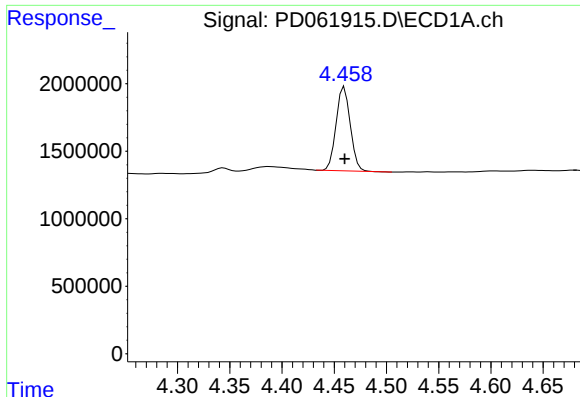
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.763 min  
Response: 0  
Conc: N.D.



#5 Aldrin

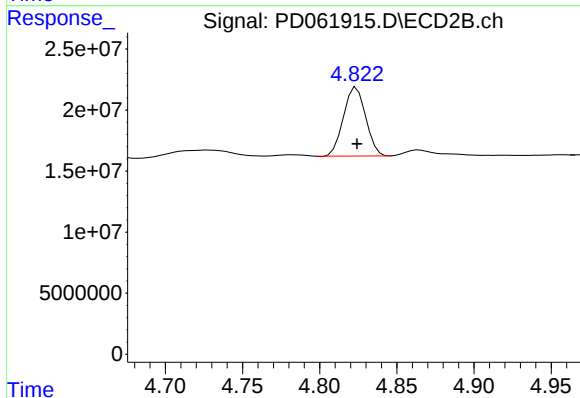
R.T.: 5.471 min  
Delta R.T.: 0.003 min  
Response: 2602566  
Conc: 0.21 ng/ml



#6 beta-BHC

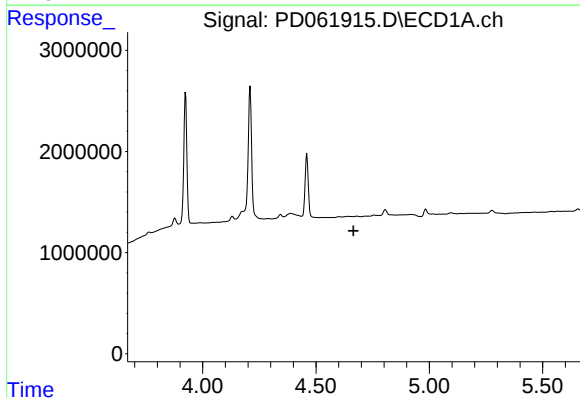
R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 5870169  
Conc: 10.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



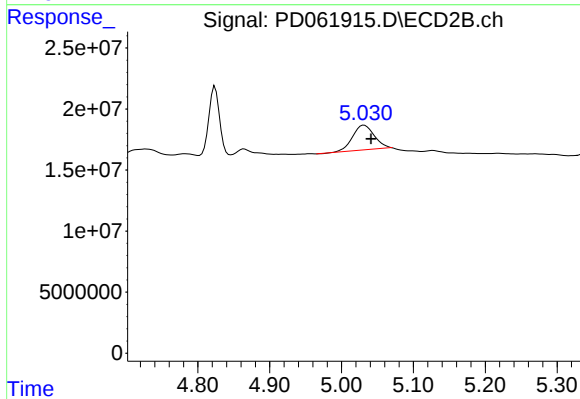
#6 beta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 56303583  
Conc: 10.90 ng/ml



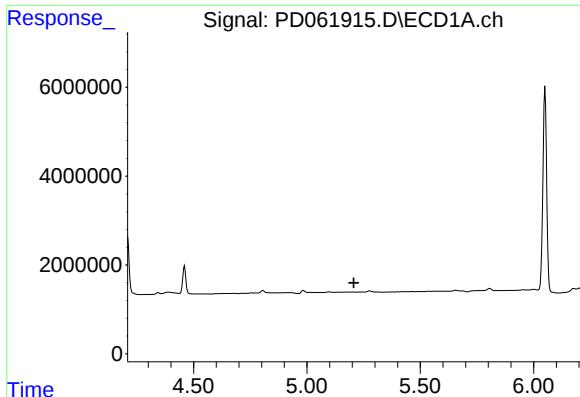
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.666 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

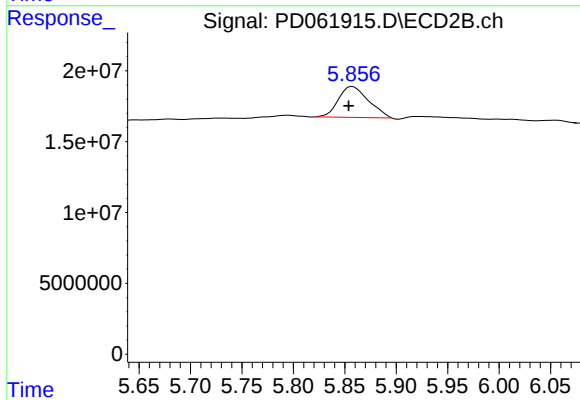
R.T.: 5.031 min  
Delta R.T.: -0.010 min  
Response: 42222639  
Conc: 3.19 ng/ml



#8 Heptachlor epoxide

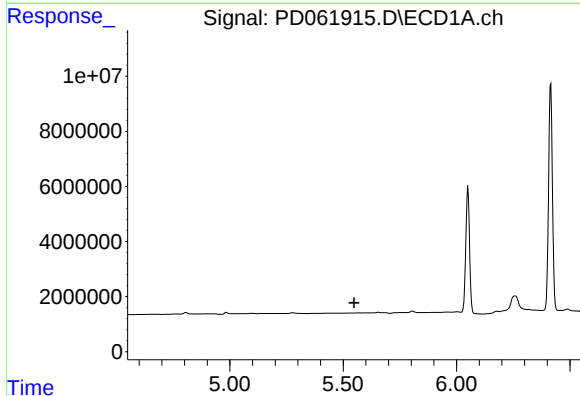
R.T.: 0.000 min  
Exp R.T.: 5.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



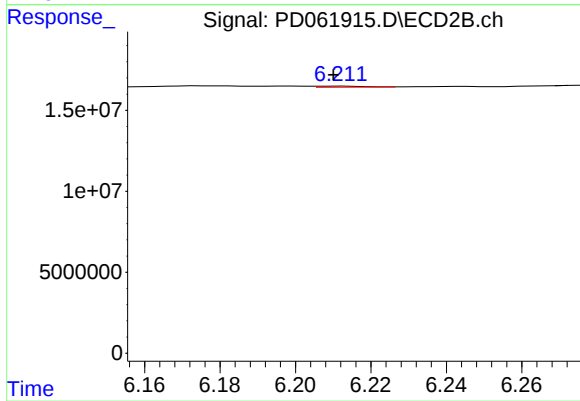
#8 Heptachlor epoxide

R.T.: 5.858 min  
Delta R.T.: 0.004 min  
Response: 44293229  
Conc: 3.74 ng/ml



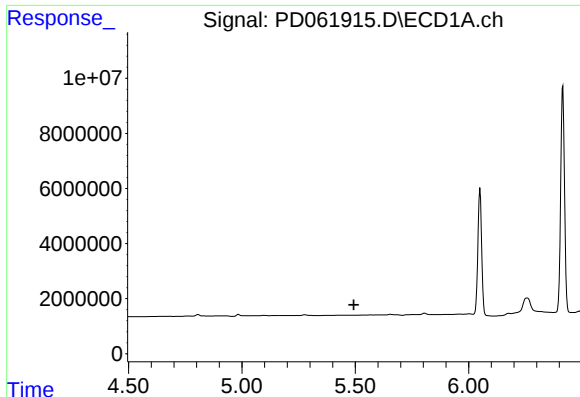
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.548 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

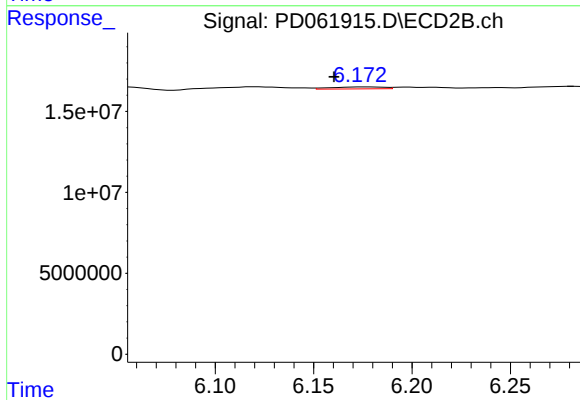
R.T.: 6.212 min  
Delta R.T.: 0.002 min  
Response: 549832  
Conc: 0.05 ng/ml



#11 alpha-Chlordane

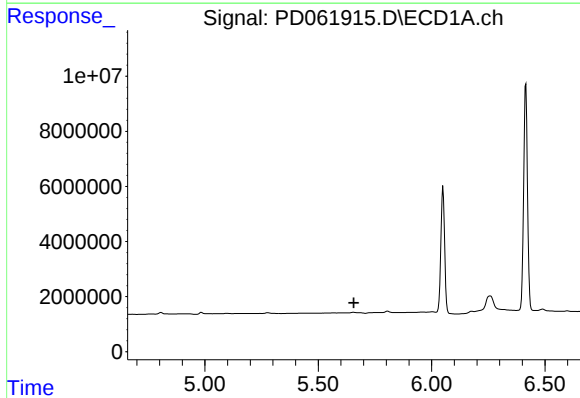
R.T.: 0.000 min  
Exp R.T.: 5.494 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



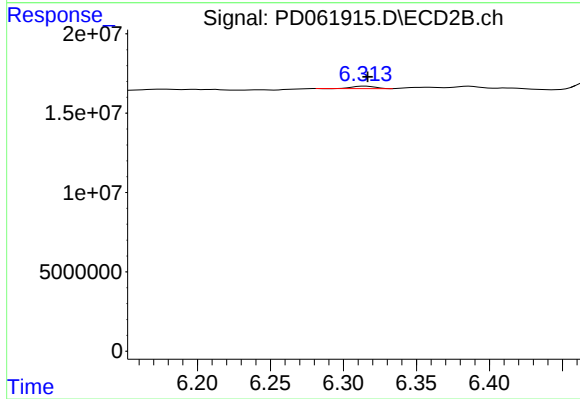
#11 alpha-Chlordane

R.T.: 6.176 min  
Delta R.T.: 0.015 min  
Response: 2193345  
Conc: 0.19 ng/ml



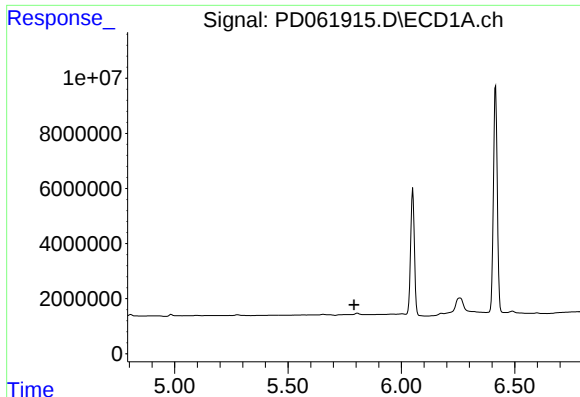
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.657 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

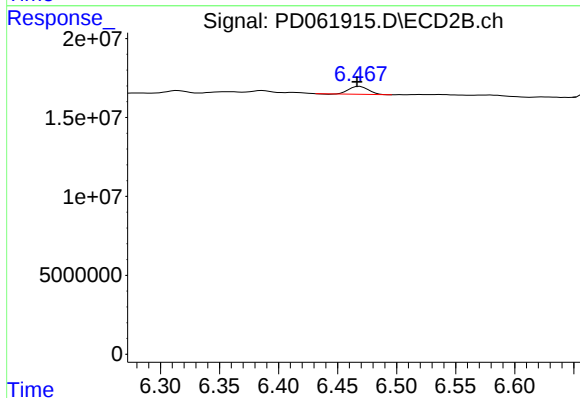
R.T.: 6.315 min  
Delta R.T.: -0.002 min  
Response: 1616736  
Conc: 0.14 ng/ml



#13 Dieldrin

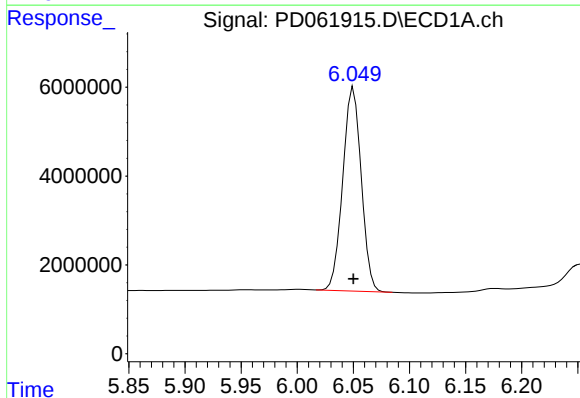
R.T.: 0.000 min  
Exp R.T.: 5.792 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



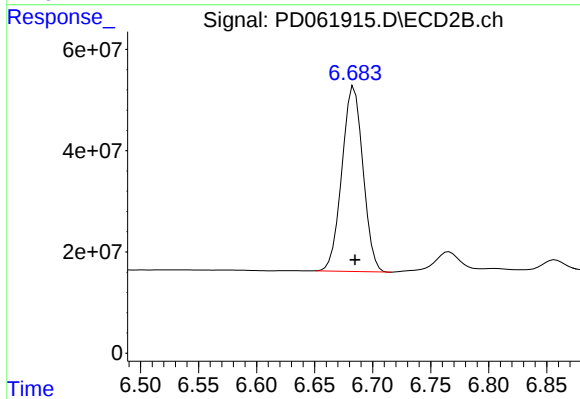
#13 Dieldrin

R.T.: 6.469 min  
Delta R.T.: 0.002 min  
Response: 5700200  
Conc: 0.49 ng/ml



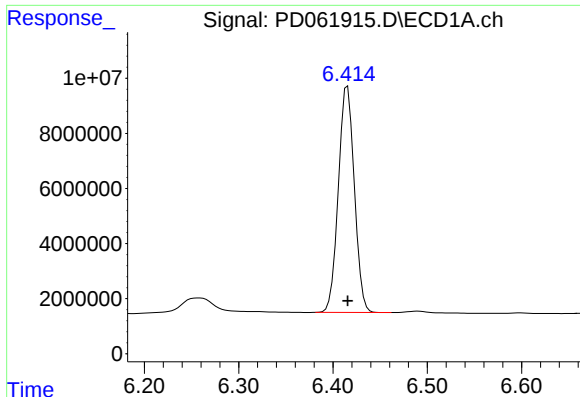
#14 Endrin

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 52429817  
Conc: 51.03 ng/ml



#14 Endrin

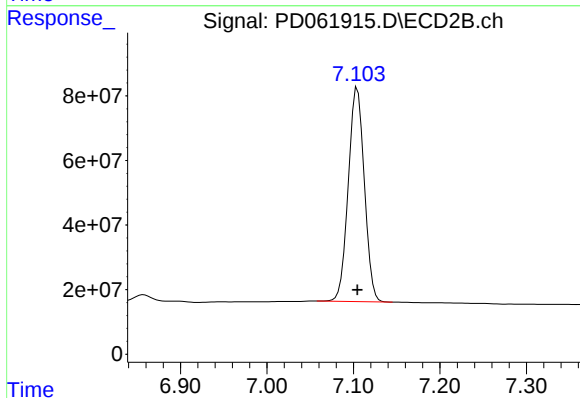
R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 461578763  
Conc: 46.64 ng/ml



#17 4,4'-DDT

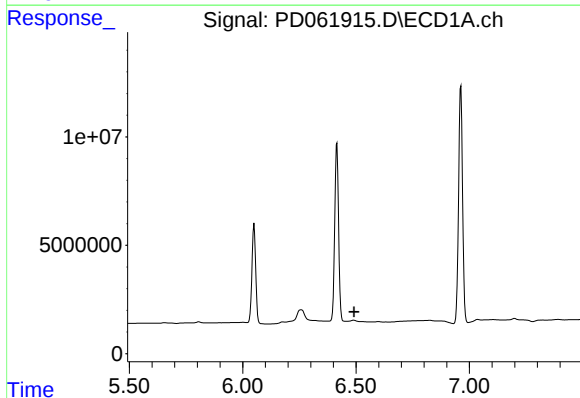
R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 96763694  
Conc: 107.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



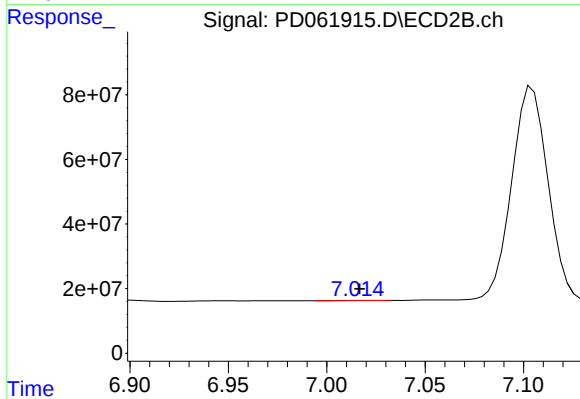
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: 0.000 min  
Response: 852059230  
Conc: 89.21 ng/ml



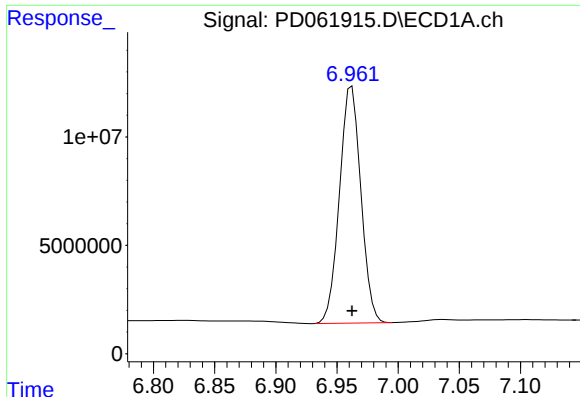
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.492 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

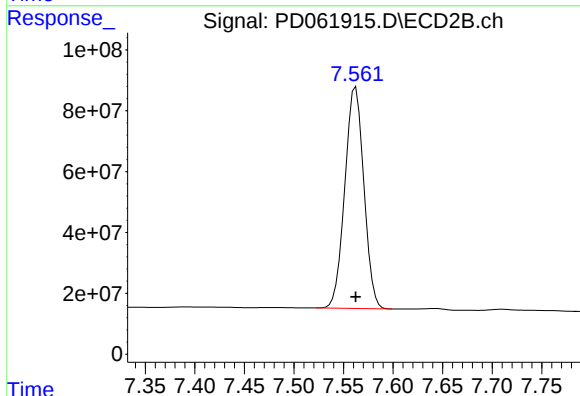
R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 564401  
Conc: 0.07 ng/ml



#20 Methoxychlor

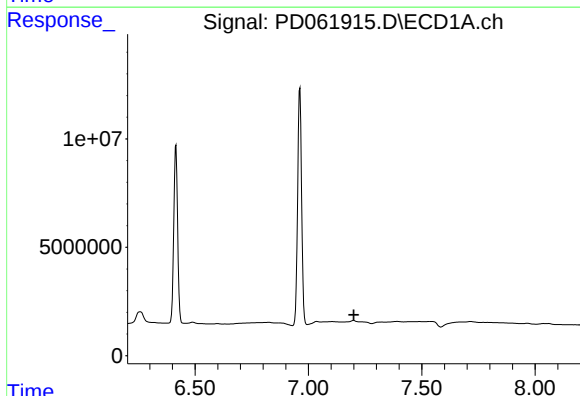
R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 132916470  
Conc: 281.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



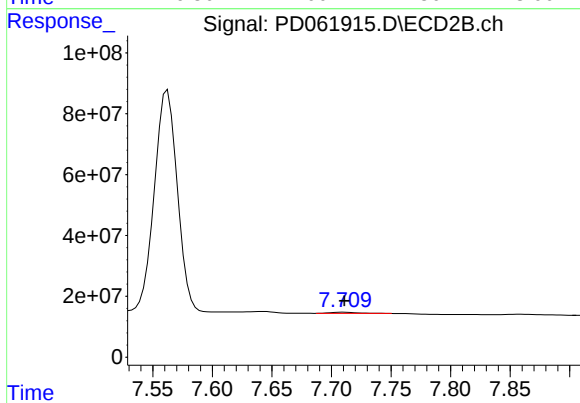
#20 Methoxychlor

R.T.: 7.562 min  
Delta R.T.: 0.000 min  
Response: 972816871  
Conc: 215.80 ng/ml



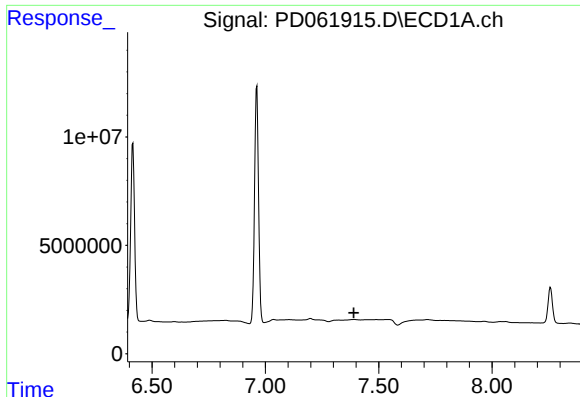
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.200 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

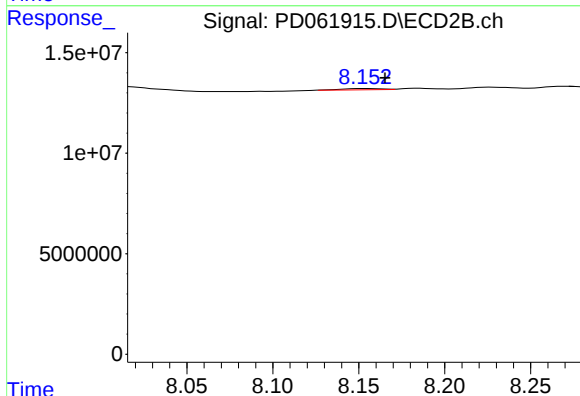
R.T.: 7.711 min  
Delta R.T.: 0.000 min  
Response: 5642092  
Conc: 0.56 ng/ml



#22 Mirex

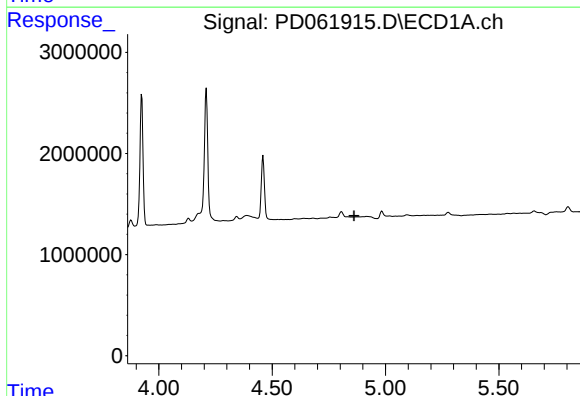
R.T.: 0.000 min  
Exp R.T.: 7.390 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



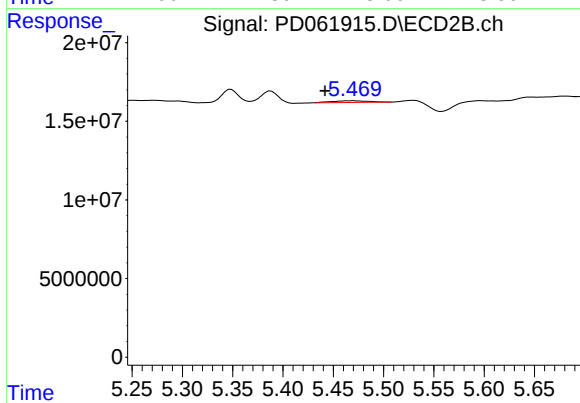
#22 Mirex

R.T.: 8.154 min  
Delta R.T.: -0.012 min  
Response: 1038950  
Conc: 0.16 ng/ml



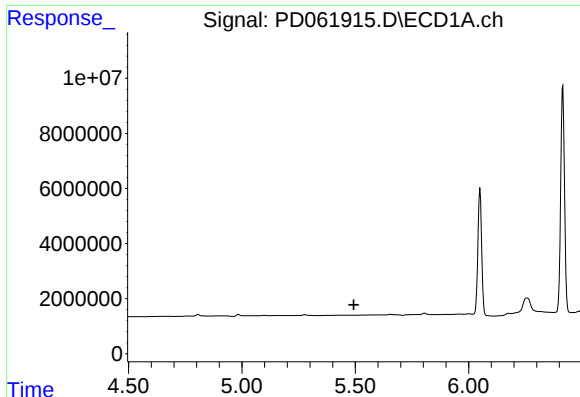
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

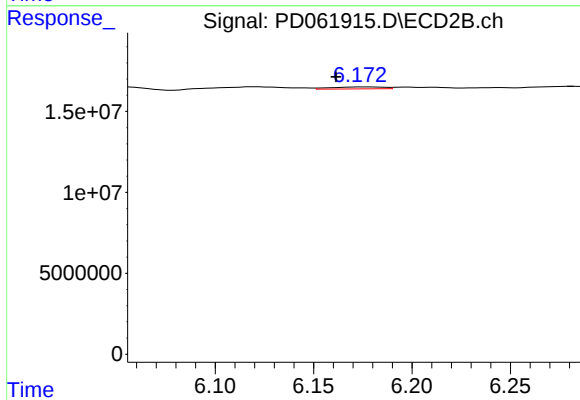
R.T.: 5.471 min  
Delta R.T.: 0.029 min  
Response: 2602566  
Conc: 6.78 ng/ml



#26 Chlordane-4

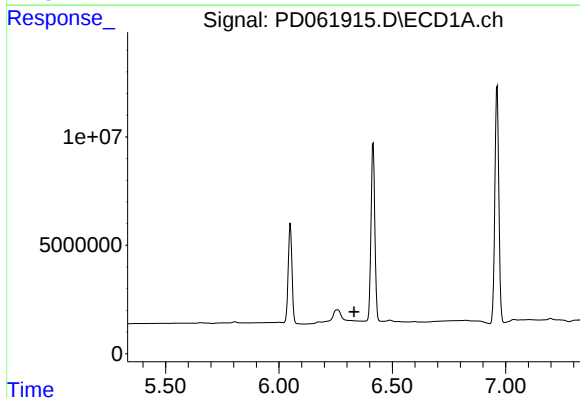
R.T.: 0.000 min  
Exp R.T.: 5.493 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



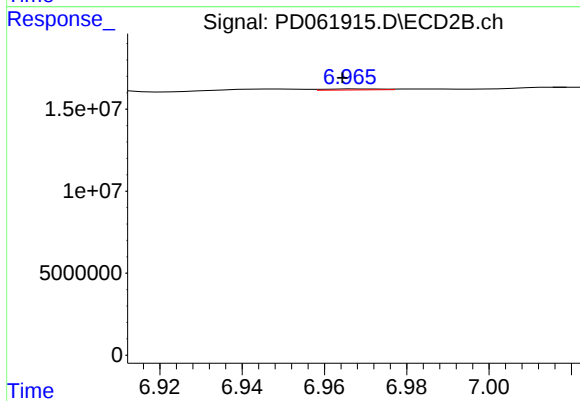
#26 Chlordane-4

R.T.: 6.176 min  
Delta R.T.: 0.014 min  
Response: 2193345  
Conc: 1.14 ng/ml



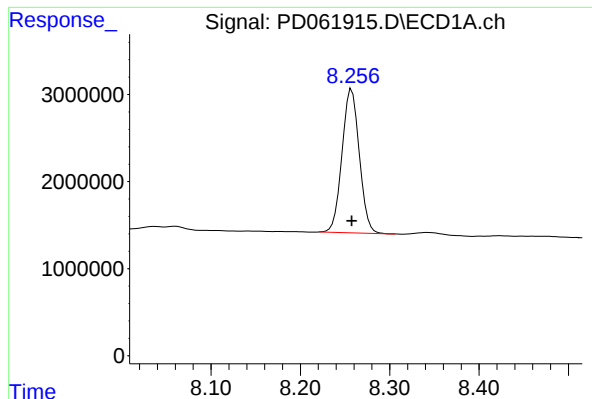
#27 Chlordane-5

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



#27 Chlordane-5

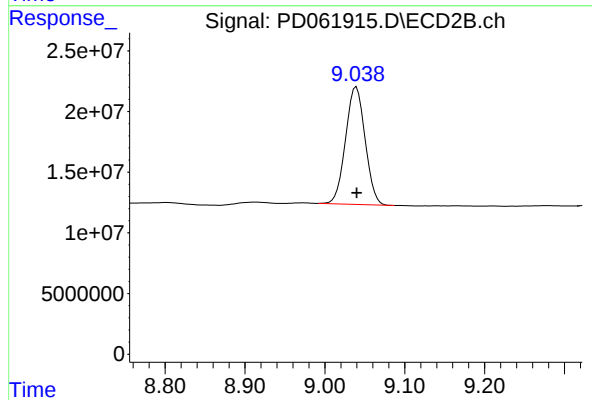
R.T.: 6.968 min  
Delta R.T.: 0.004 min  
Response: 607451  
Conc: 1.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.258 min  
Delta R.T.: 0.000 min  
Response: 22148176  
Conc: 18.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 9.039 min  
Delta R.T.: 0.000 min  
Response: 165079709  
Conc: 17.49 ng/ml