

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031821\  
 Data File : PD061728.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Mar 2021 16:04  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 06:34:15 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031721.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 18 07:52:17 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  | 3.982  | 20108354 | 198.6E6  | 23.525 | 23.153  |
| 28)                         | SA Decachlor... | 8.260  | 9.041  | 26769939 | 191.0E6  | 21.874 | 21.970  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 3)                          | MA gamma-BHC... | 0.000  | 4.655  | 0        | 183016   | N.D.   | 0.016 # |
| 4)                          | MA Heptachlor   | 0.000  | 5.174  | 0        | 126761   | N.D.   | 0.010 # |
| 5)                          | MB Aldrin       | 0.000  | 5.472  | 0        | 101595   | N.D.   | 0.008 # |
| 6)                          | B beta-BHC      | 4.472  | 0.000  | 200400   | 0        | 0.357  | N.D. #  |
| 7)                          | B delta-BHC     | 0.000  | 5.018f | 0        | 23882256 | N.D.   | 1.980 # |
| 8)                          | B Heptachlo...  | 0.000  | 5.857  | 0        | 12070491 | N.D.   | 1.133 # |
| 9)                          | A Endosulfan I  | 0.000  | 6.234f | 0        | 2541952  | N.D.   | 0.243 # |
| 10)                         | B gamma-Chl...  | 0.000  | 6.098  | 0        | 418944   | N.D.   | 0.037 # |
| 11)                         | B alpha-Chl...  | 0.000  | 6.134f | 0        | 430171   | N.D.   | 0.039 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.304  | 0        | 1803495  | N.D.   | 0.163 # |
| 13)                         | MA Dieldrin     | 0.000  | 6.494f | 0        | 153168   | N.D.   | 0.014 # |
| 14)                         | MA Endrin       | 0.000  | 6.661f | 0        | 262332   | N.D.   | 0.028 # |
| 15)                         | B Endosulfa...  | 6.332  | 6.908  | 821266   | 6655525  | 0.795  | 0.718   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.814  | 0        | 11587422 | N.D.   | 1.282 # |
| 17)                         | MA 4,4'-DDT     | 6.421  | 7.109  | 141865   | 7597908  | 0.141  | 0.771 # |
| 18)                         | B Endrin al...  | 0.000  | 7.018  | 0        | 2482034  | N.D.   | 0.327 # |
| 19)                         | B Endosulfa...  | 6.700  | 7.230  | 417269   | 5696727  | 0.386  | 0.589 # |
| 20)                         | A Methoxychlor  | 0.000  | 7.541f | 0        | 3722639  | N.D.   | 0.803 # |
| 21)                         | B Endrin ke...  | 0.000  | 7.730f | 0        | 432192   | N.D.   | 0.045 # |
| 22)                         | Mirex           | 7.392  | 8.137f | 1176297  | 870522   | 1.228  | 0.148 # |
| 23)                         | Chlordane-1     | 4.389f | 0.000  | 443118   | 0        | 13.415 | N.D. #  |
| 24)                         | Chlordane-2     | 0.000  | 5.429  | 0        | 470194   | N.D.   | 1.255 # |
| 25)                         | Chlordane-3     | 0.000  | 6.098  | 0        | 418944   | N.D.   | 0.262 # |
| 26)                         | Chlordane-4     | 0.000  | 6.134f | 0        | 430171   | N.D.   | 0.233 # |
| 27)                         | Chlordane-5     | 6.332  | 6.989f | 821266   | 553336   | 18.569 | 1.577 # |
| -----                       |                 |        |        |          |          |        |         |

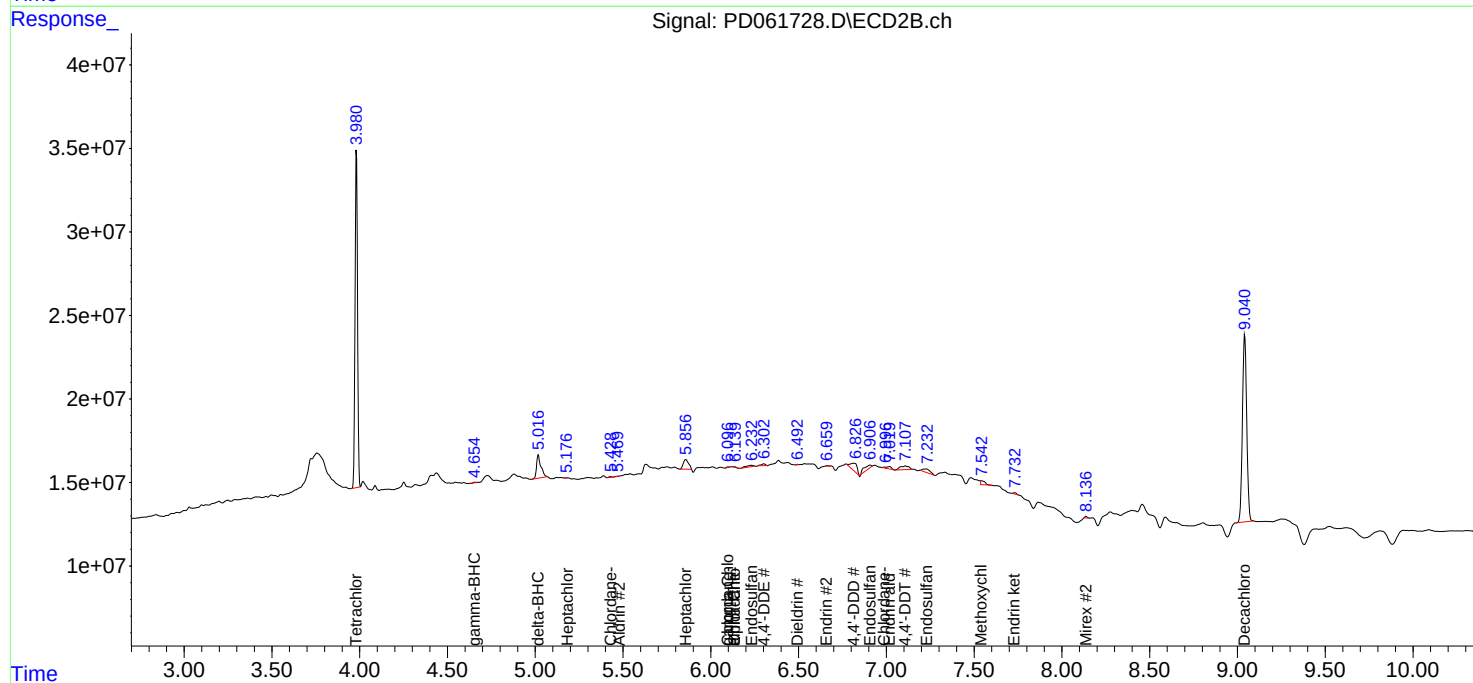
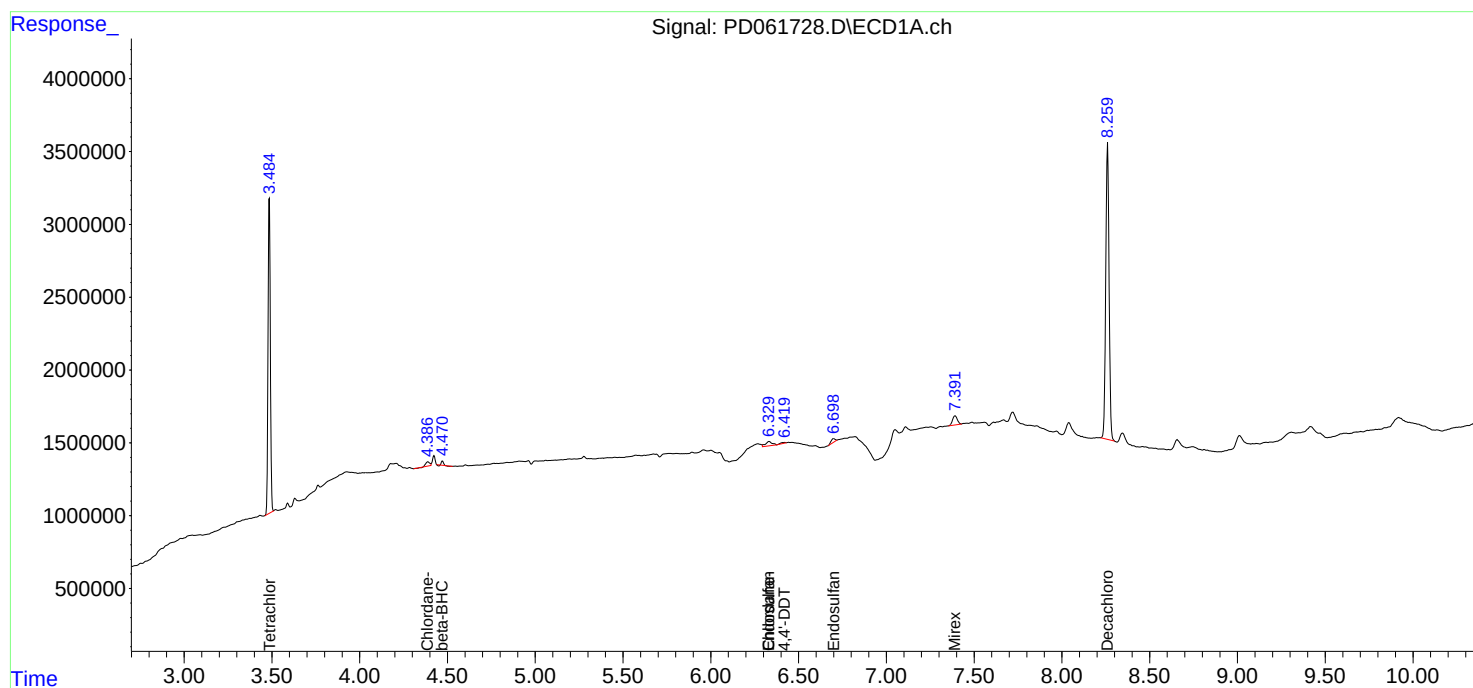
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

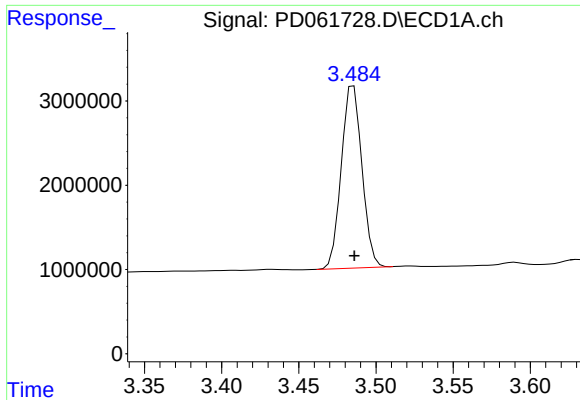
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031821\  
Data File : PD061728.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Mar 2021 16:04  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 06:34:15 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031721.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 18 07:52:17 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

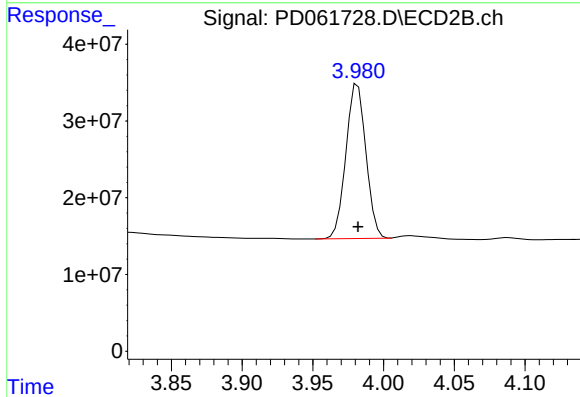




#1 Tetrachloro-m-xylene

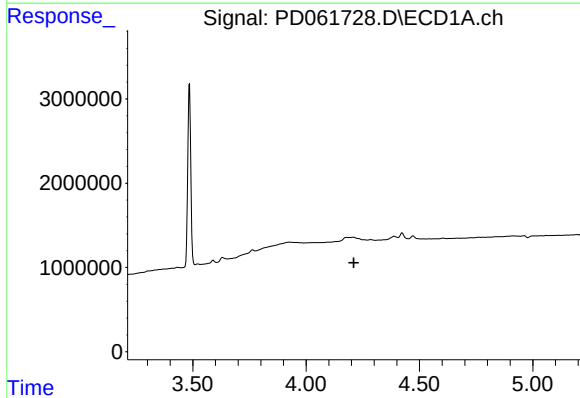
R.T.: 3.485 min  
Delta R.T.: 0.000 min  
Response: 20108354  
Conc: 23.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



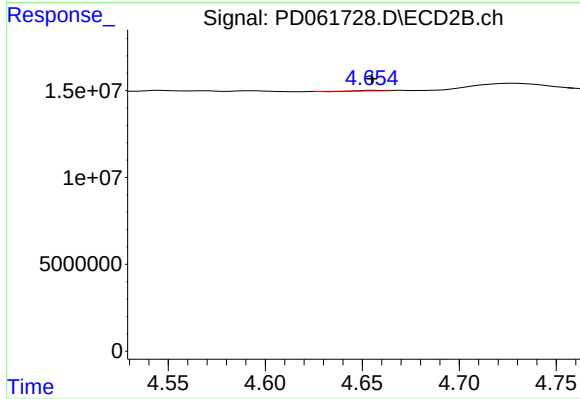
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 198639001  
Conc: 23.15 ng/ml



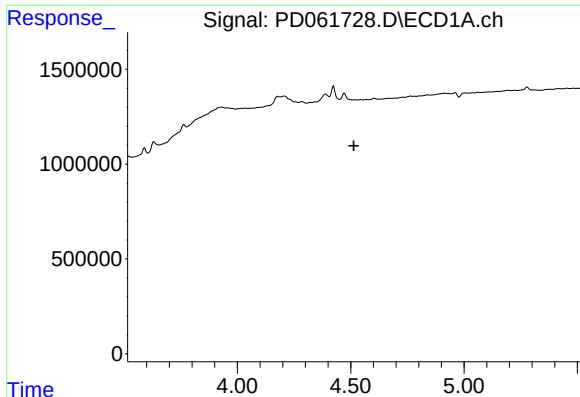
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.210 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 183016  
Conc: 0.02 ng/ml



#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

#4 Heptachlor

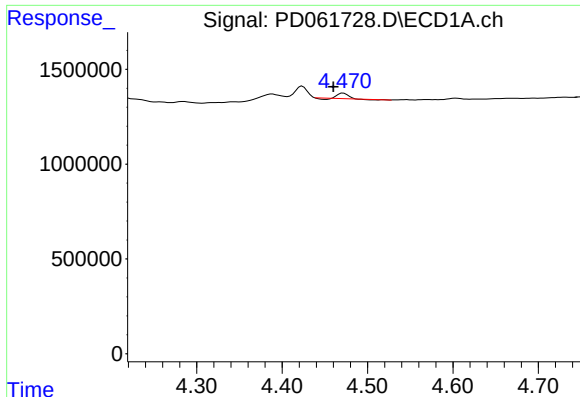
R.T.: 5.174 min  
Delta R.T.: 0.010 min  
Response: 126761  
Conc: 0.01 ng/ml

#5 Aldrin

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

#5 Aldrin

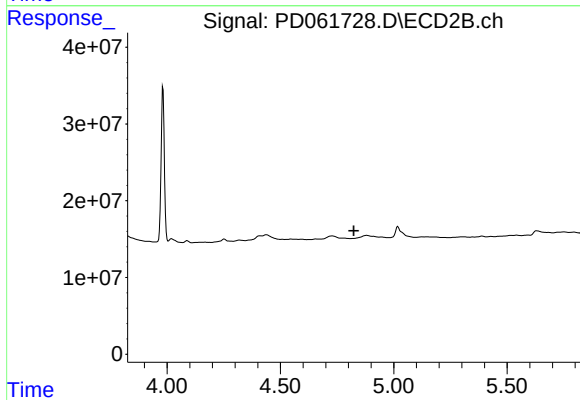
R.T.: 5.472 min  
Delta R.T.: 0.004 min  
Response: 101595  
Conc: 0.01 ng/ml



#6 beta-BHC

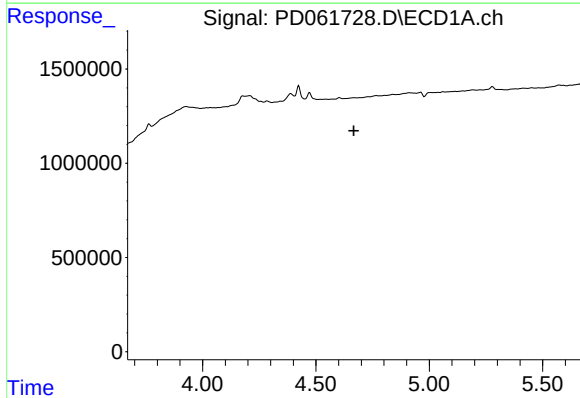
R.T.: 4.472 min  
Delta R.T.: 0.012 min  
Response: 200400  
Conc: 0.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



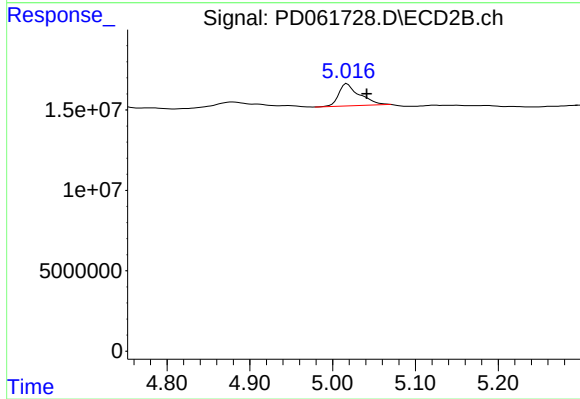
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.824 min  
Response: 0  
Conc: N.D.



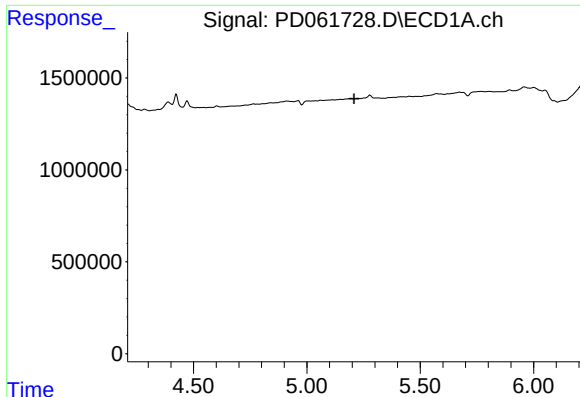
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.667 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

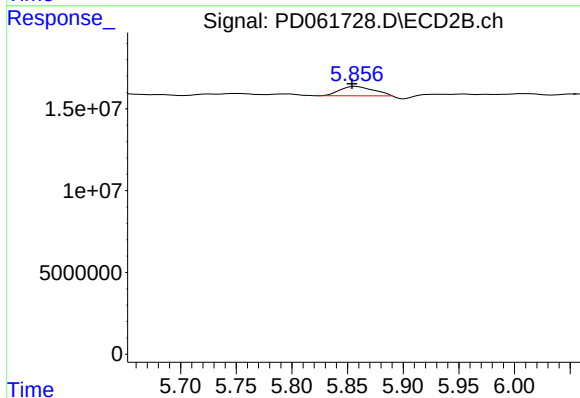
R.T.: 5.018 min  
Delta R.T.: -0.024 min  
Response: 23882256  
Conc: 1.98 ng/ml



#8 Heptachlor epoxide

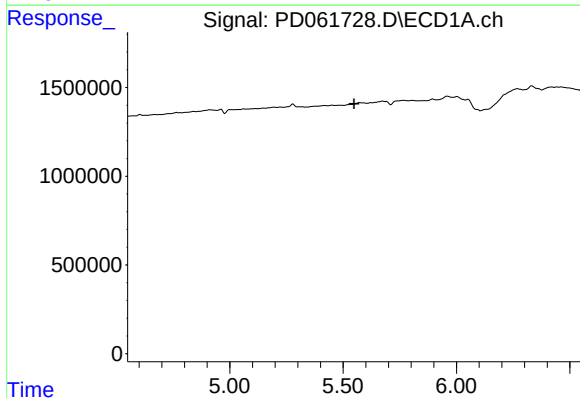
R.T.: 0.000 min  
Exp R.T.: 5.208 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



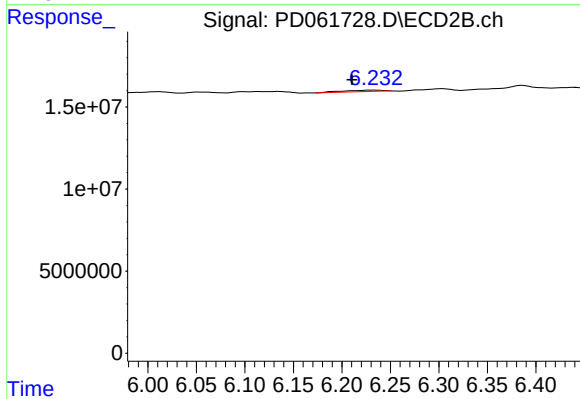
#8 Heptachlor epoxide

R.T.: 5.857 min  
Delta R.T.: 0.003 min  
Response: 12070491  
Conc: 1.13 ng/ml



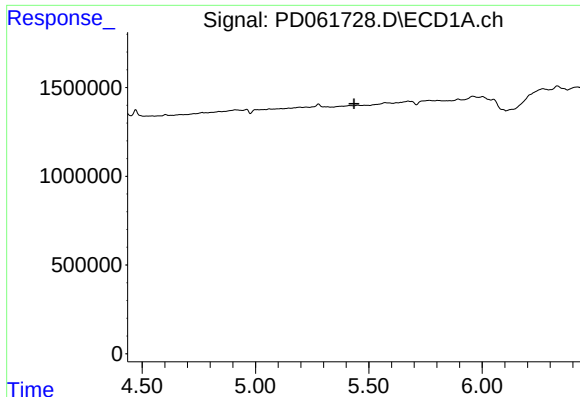
#9 Endosulfan I

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



#9 Endosulfan I

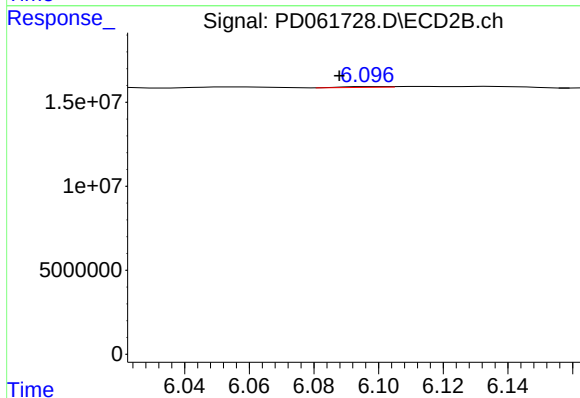
R.T.: 6.234 min  
Delta R.T.: 0.023 min  
Response: 2541952  
Conc: 0.24 ng/ml



#10 gamma-Chlordane

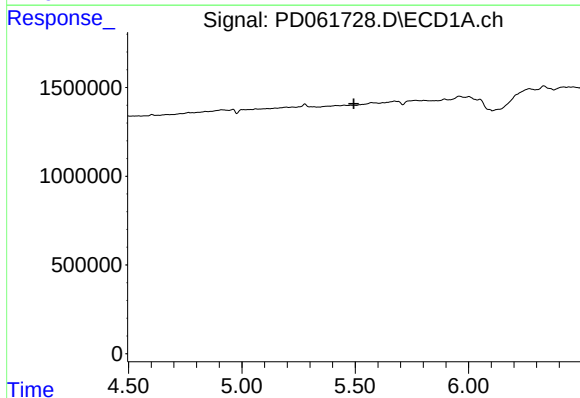
R.T.: 0.000 min  
Exp R.T.: 5.435 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



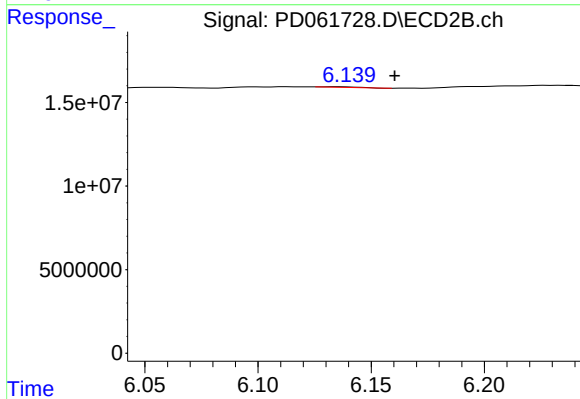
#10 gamma-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.010 min  
Response: 418944  
Conc: 0.04 ng/ml



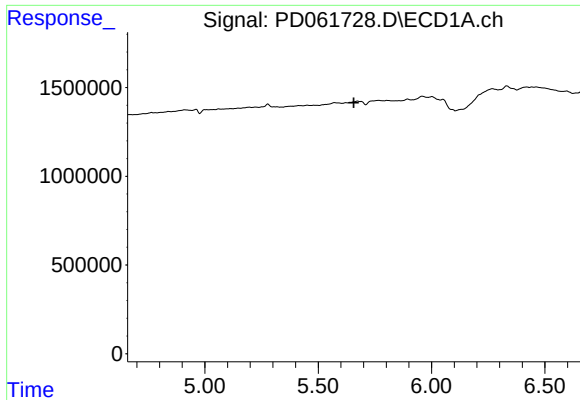
#11 alpha-Chlordane

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



#11 alpha-Chlordane

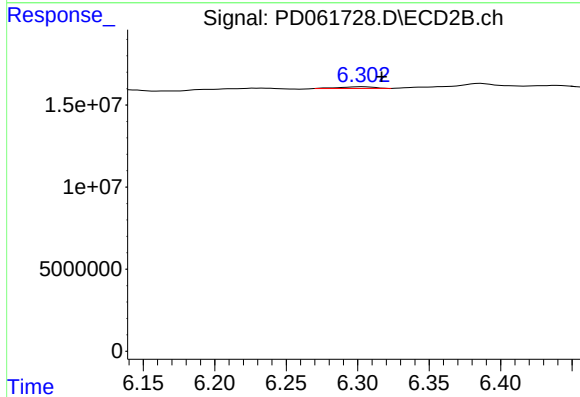
R.T.: 6.134 min  
Delta R.T.: -0.026 min  
Response: 430171  
Conc: 0.04 ng/ml



#12 4,4'-DDE

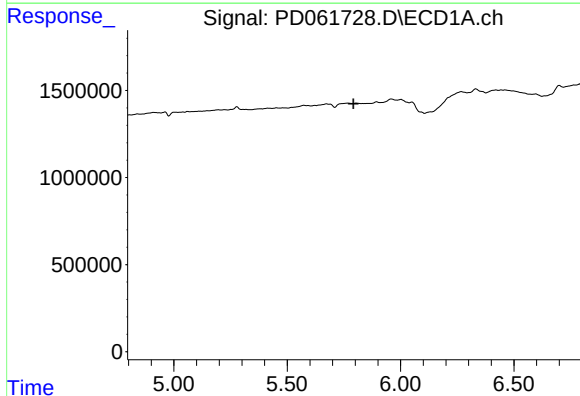
R.T.: 0.000 min  
Exp R.T.: 5.657 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



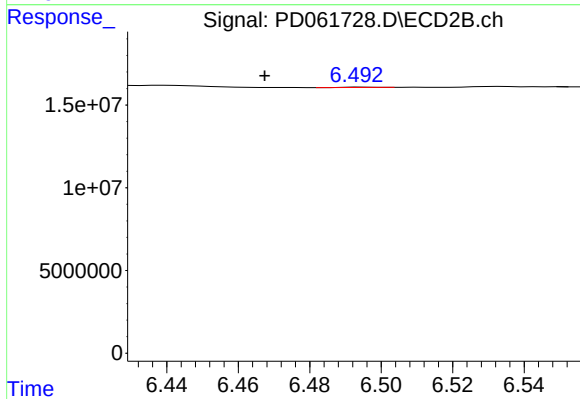
#12 4,4'-DDE

R.T.: 6.304 min  
Delta R.T.: -0.013 min  
Response: 1803495  
Conc: 0.16 ng/ml



#13 Dieldrin

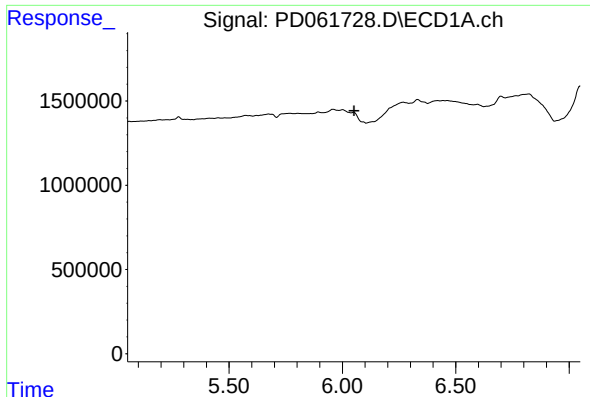
R.T.: 0.000 min  
Exp R.T.: 5.793 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 6.494 min  
Delta R.T.: 0.027 min  
Response: 153168  
Conc: 0.01 ng/ml

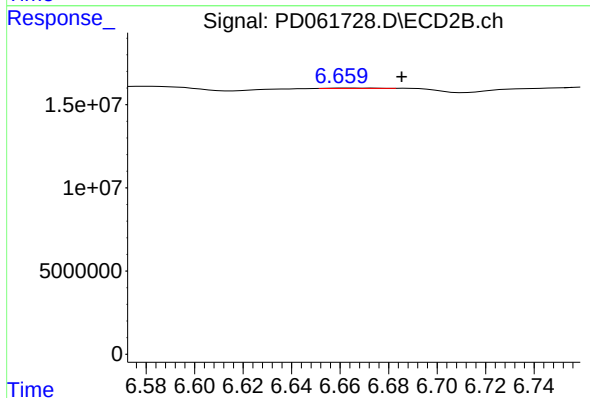




#14 Endrin

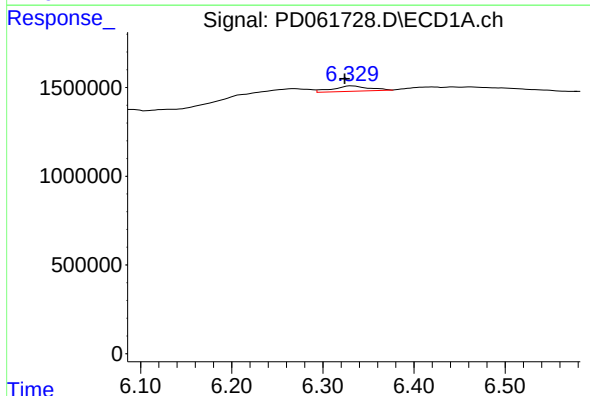
R.T.: 0.000 min  
Exp R.T.: 6.051 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



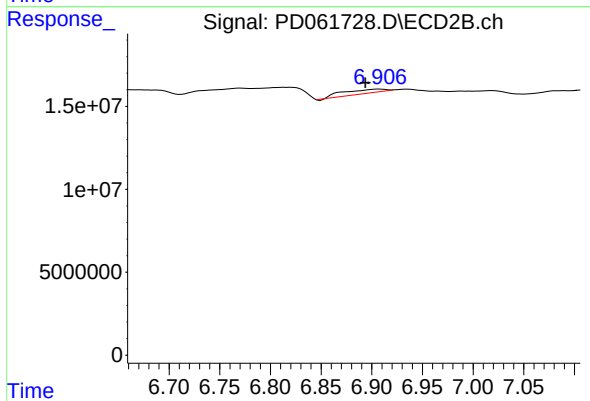
#14 Endrin

R.T.: 6.661 min  
Delta R.T.: -0.025 min  
Response: 262332  
Conc: 0.03 ng/ml



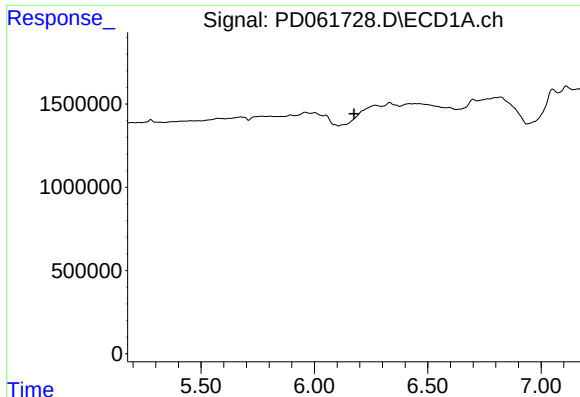
#15 Endosulfan II

R.T.: 6.332 min  
Delta R.T.: 0.008 min  
Response: 821266  
Conc: 0.79 ng/ml



#15 Endosulfan II

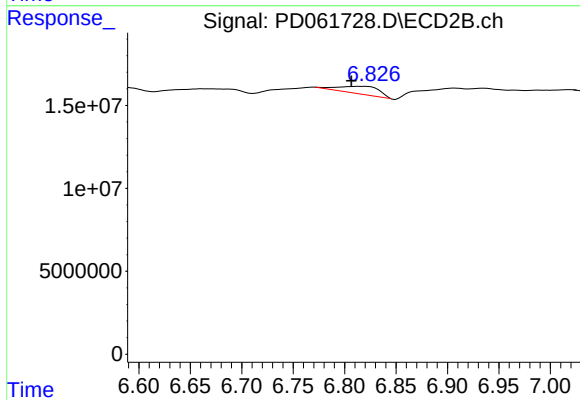
R.T.: 6.908 min  
Delta R.T.: 0.014 min  
Response: 6655525  
Conc: 0.72 ng/ml



#16 4,4'-DDD

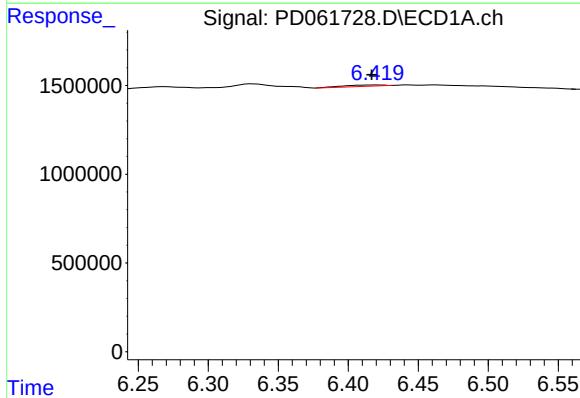
R.T.: 0.000 min  
Exp R.T.: 6.175 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



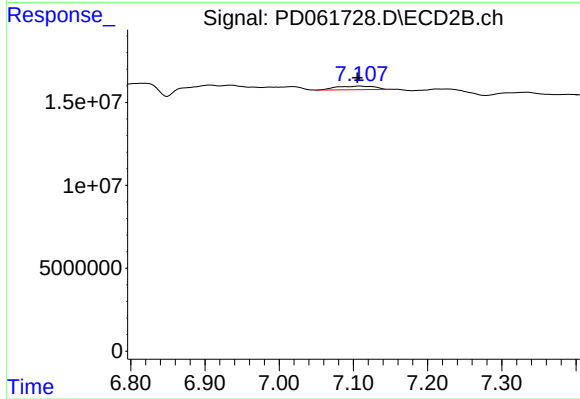
#16 4,4'-DDD

R.T.: 6.814 min  
Delta R.T.: 0.007 min  
Response: 11587422  
Conc: 1.28 ng/ml



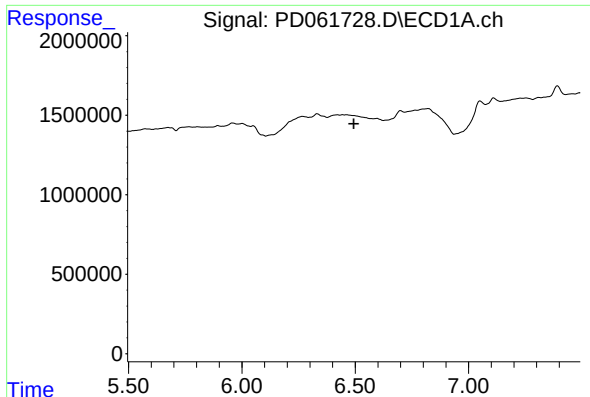
#17 4,4'-DDT

R.T.: 6.421 min  
Delta R.T.: 0.004 min  
Response: 141865  
Conc: 0.14 ng/ml



#17 4,4'-DDT

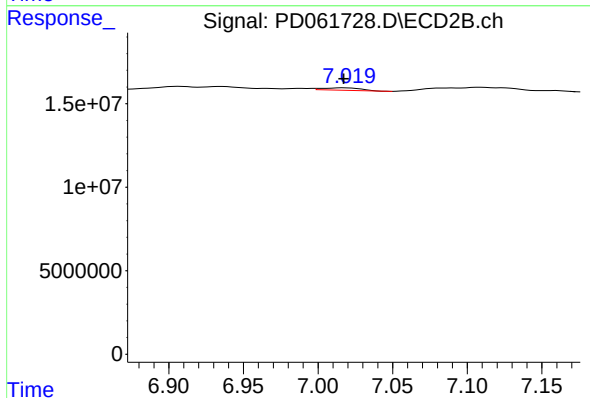
R.T.: 7.109 min  
Delta R.T.: 0.003 min  
Response: 7597908  
Conc: 0.77 ng/ml



#18 Endrin aldehyde

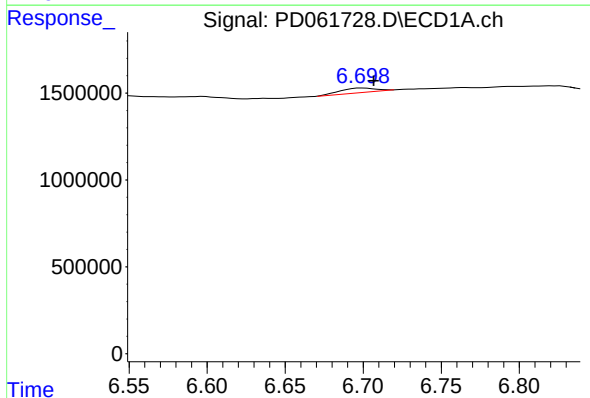
R.T.: 0.000 min  
Exp R.T.: 6.493 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



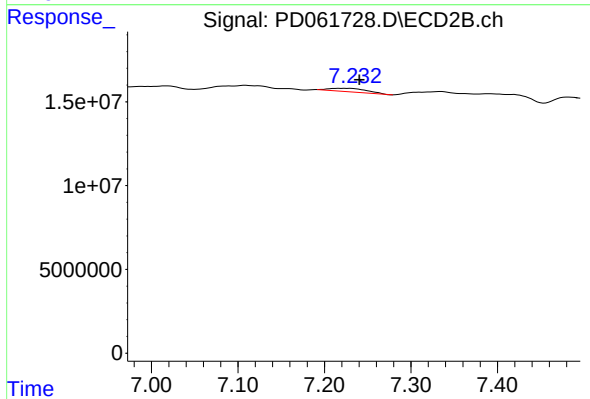
#18 Endrin aldehyde

R.T.: 7.018 min  
Delta R.T.: 0.001 min  
Response: 2482034  
Conc: 0.33 ng/ml



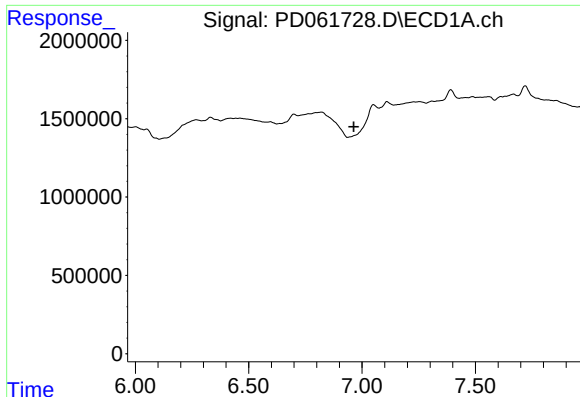
#19 Endosulfan Sulfate

R.T.: 6.700 min  
Delta R.T.: -0.007 min  
Response: 417269  
Conc: 0.39 ng/ml



#19 Endosulfan Sulfate

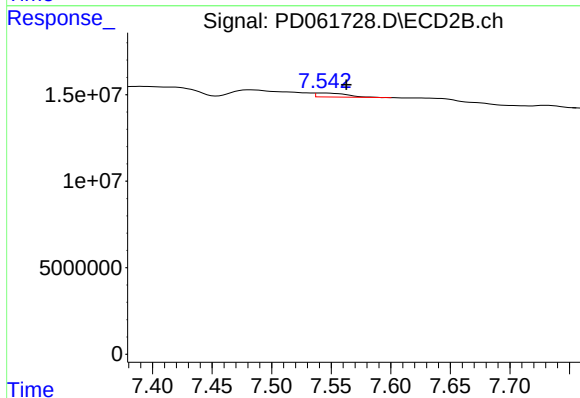
R.T.: 7.230 min  
Delta R.T.: -0.011 min  
Response: 5696727  
Conc: 0.59 ng/ml



#20 Methoxychlor

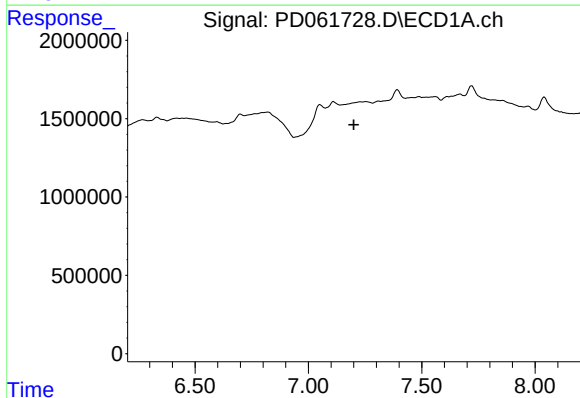
R.T.: 0.000 min  
Exp R.T.: 6.963 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



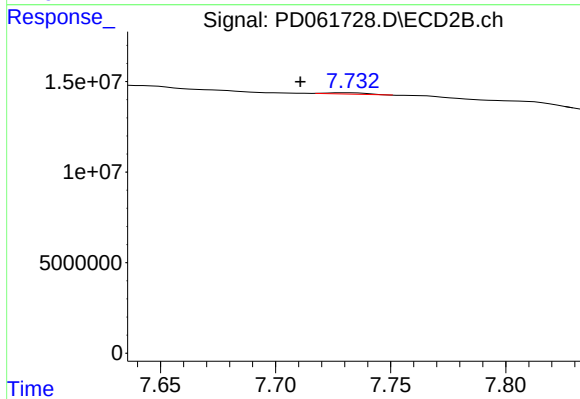
#20 Methoxychlor

R.T.: 7.541 min  
Delta R.T.: -0.022 min  
Response: 3722639  
Conc: 0.80 ng/ml



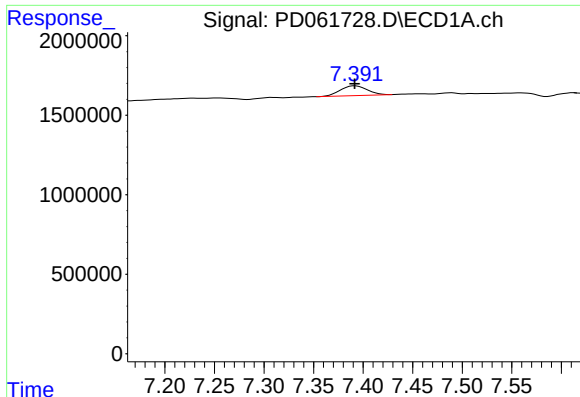
#21 Endrin ketone

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



#21 Endrin ketone

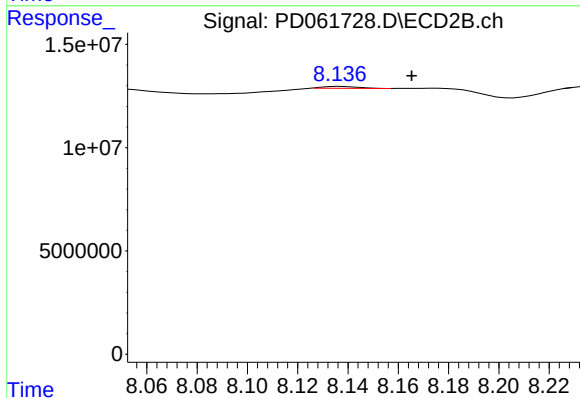
R.T.: 7.730 min  
Delta R.T.: 0.019 min  
Response: 432192  
Conc: 0.04 ng/ml



#22 Mirex

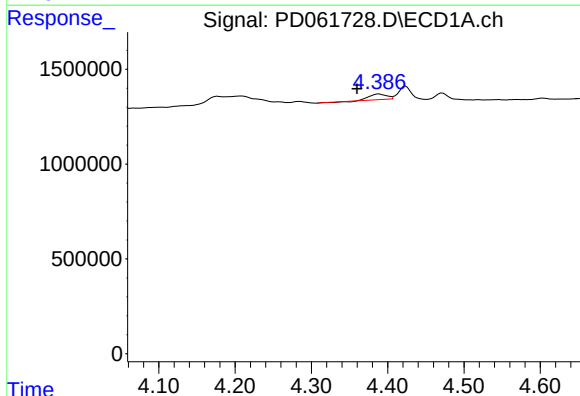
R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 1176297  
Conc: 1.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



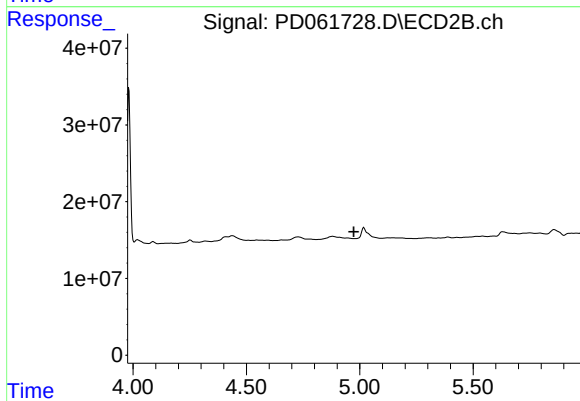
#22 Mirex

R.T.: 8.137 min  
Delta R.T.: -0.028 min  
Response: 870522  
Conc: 0.15 ng/ml



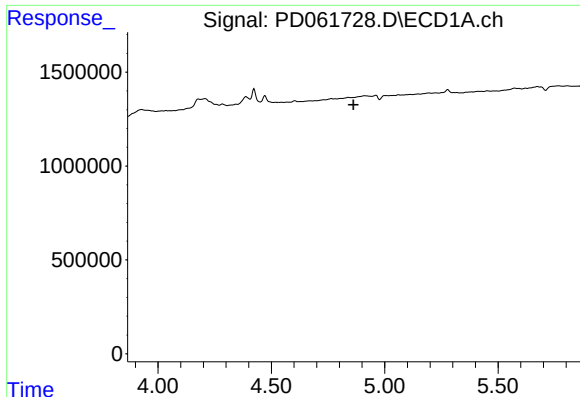
#23 Chlordane-1

R.T.: 4.389 min  
Delta R.T.: 0.029 min  
Response: 443118  
Conc: 13.41 ng/ml



#23 Chlordane-1

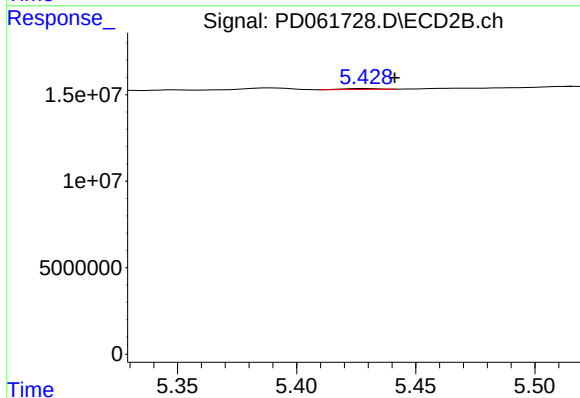
R.T.: 0.000 min  
Exp R.T. : 4.974 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

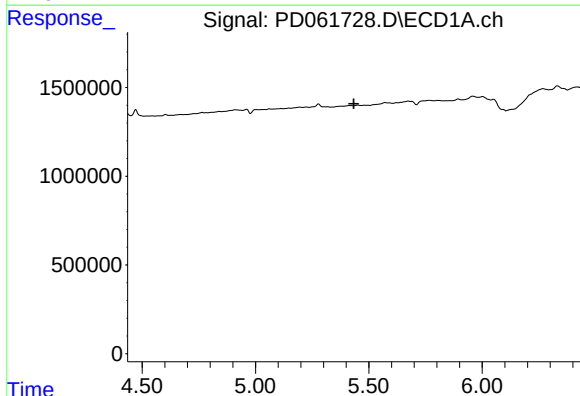
R.T.: 0.000 min  
Exp R.T.: 4.863 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



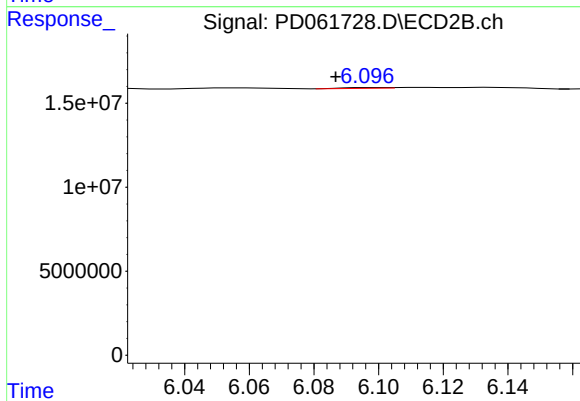
#24 Chlordane-2

R.T.: 5.429 min  
Delta R.T.: -0.012 min  
Response: 470194  
Conc: 1.25 ng/ml



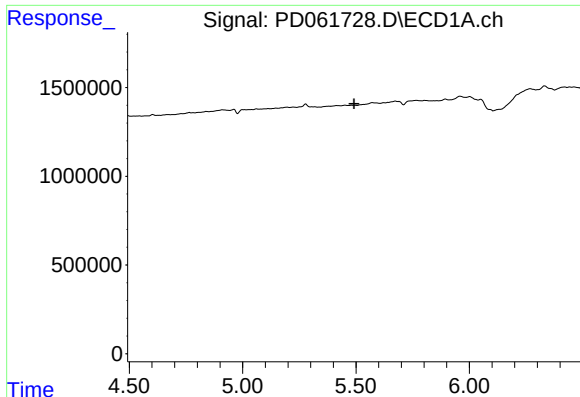
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.434 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

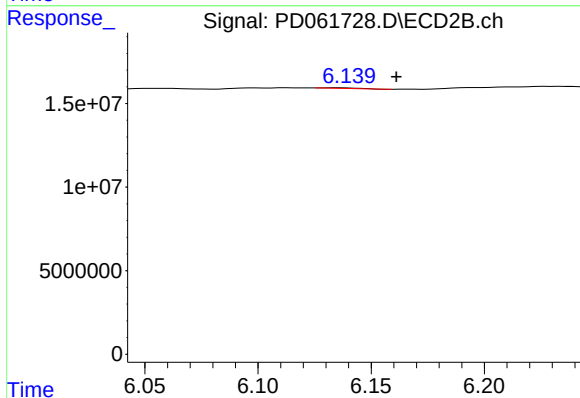
R.T.: 6.098 min  
Delta R.T.: 0.011 min  
Response: 418944  
Conc: 0.26 ng/ml



#26 Chlordane-4

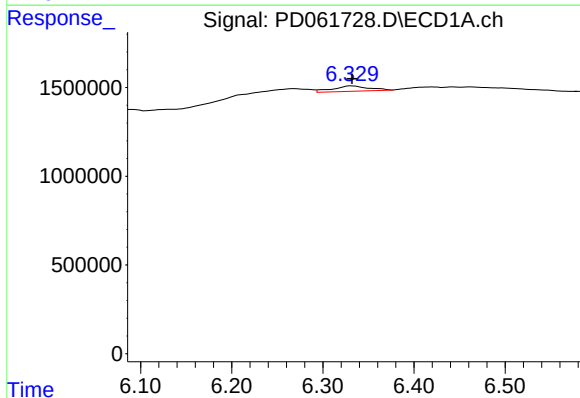
R.T.: 0.000 min  
Exp R.T.: 5.492 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



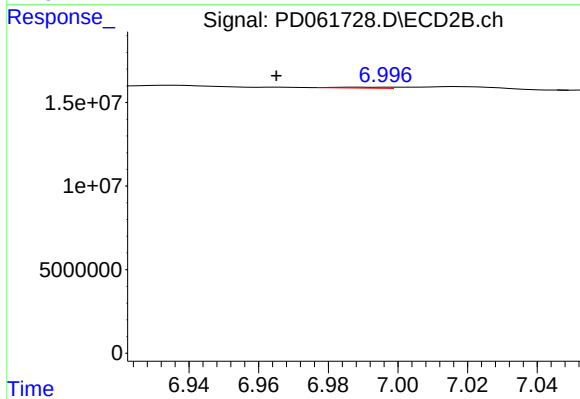
#26 Chlordane-4

R.T.: 6.134 min  
Delta R.T.: -0.027 min  
Response: 430171  
Conc: 0.23 ng/ml



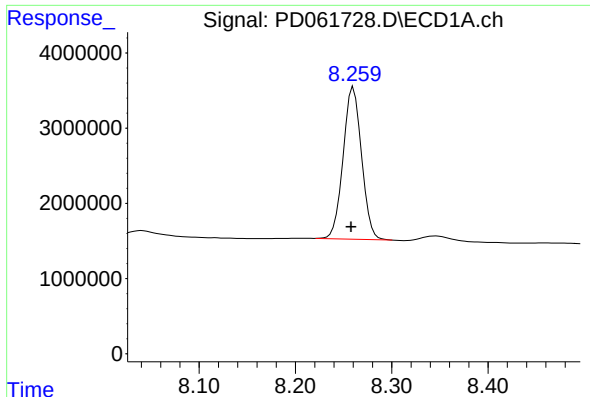
#27 Chlordane-5

R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 821266  
Conc: 18.57 ng/ml



#27 Chlordane-5

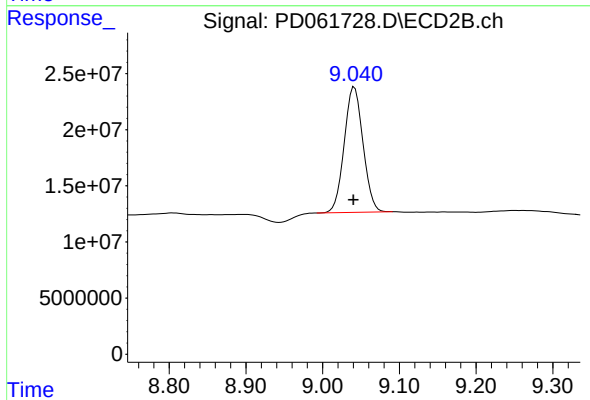
R.T.: 6.989 min  
Delta R.T.: 0.024 min  
Response: 553336  
Conc: 1.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.260 min  
Delta R.T.: 0.002 min  
Response: 26769939  
Conc: 21.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 9.041 min  
Delta R.T.: 0.002 min  
Response: 190987047  
Conc: 21.97 ng/ml