

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120321\  
 Data File : PD067189.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Dec 2021 09:40  
 Operator : AR\AJ  
 Sample : PB141071BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 03 04:53:11 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 30 05:28:01 2021  
 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 x 0.50µm

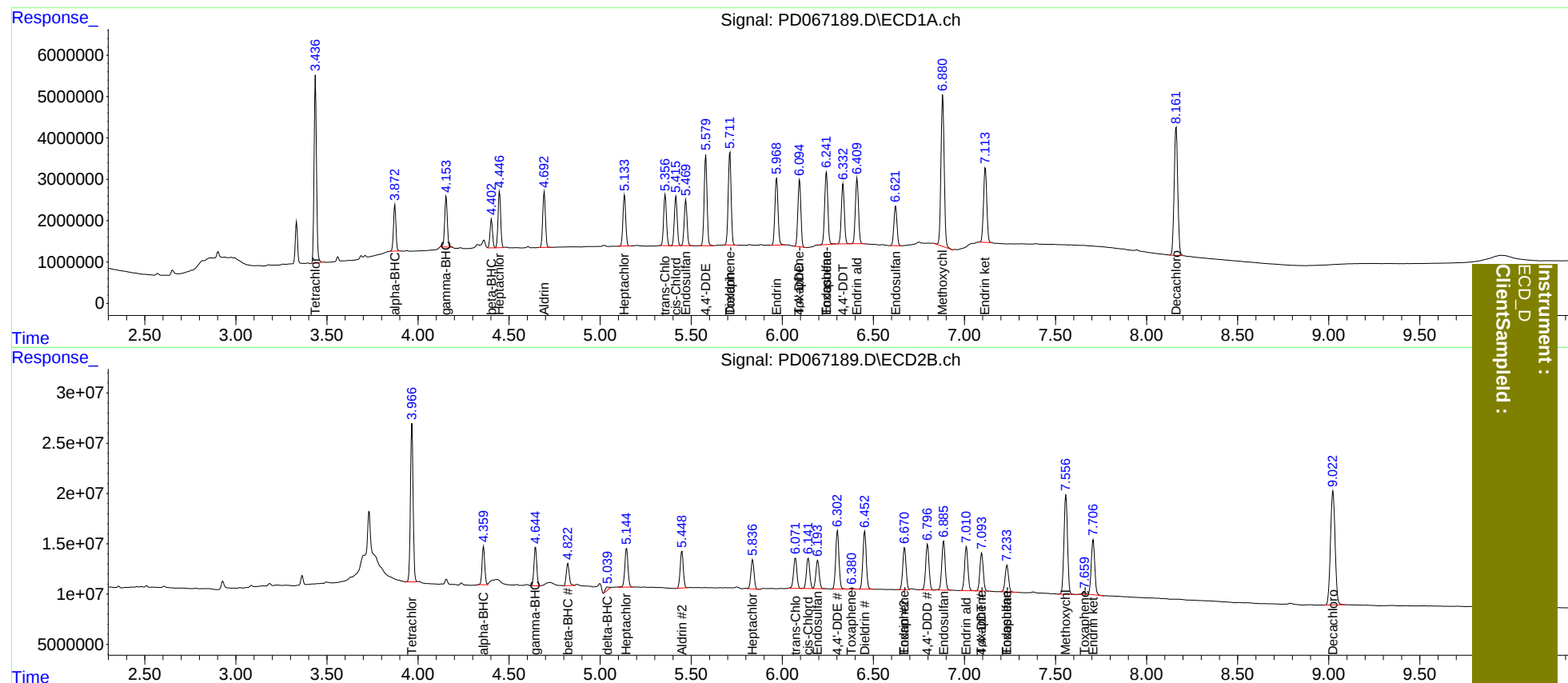
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.437 | 3.967 | 41444471 | 161.0E6  | 18.981   | 20.093     |
| 27)                         | SA Decachlor... | 8.162 | 9.023 | 42301514 | 199.2E6  | 37.259   | 39.281     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.873 | 4.360 | 10373668 | 39104389 | 3.172    | 3.645      |
| 3)                          | MA gamma-BHC... | 4.155 | 4.645 | 12399263 | 41066262 | 3.896    | 4.094      |
| 4)                          | MA Heptachlor   | 4.448 | 5.145 | 13599375 | 46491241 | 4.243    | 4.984      |
| 5)                          | MB Aldrin       | 4.693 | 5.449 | 13841547 | 43597720 | 4.474    | 5.056      |
| 6)                          | B beta-BHC      | 4.403 | 4.823 | 6604171  | 24509129 | 4.961    | 5.312      |
| 7)                          | B delta-BHC     | 0.000 | 5.041 | 0        | 4179792  | N.D.     | 0.472      |
| 8)                          | B Heptachlo...  | 5.134 | 5.837 | 13028591 | 35006052 | 4.718    | 4.995      |
| 9)                          | A Endosulfan I  | 5.470 | 6.194 | 11992870 | 35997702 | 4.511    | 4.966      |
| 10)                         | B trans-Chl...  | 5.357 | 6.072 | 13207924 | 38952099 | 4.688    | 5.132      |
| 11)                         | B cis-Chlor...  | 5.416 | 6.143 | 12980690 | 38420272 | 4.678    | 5.193      |
| 12)                         | B 4,4'-DDE      | 5.580 | 6.303 | 24372168 | 72848662 | 9.739    | 10.872     |
| 13)                         | MA Dieldrin     | 5.713 | 6.453 | 25012811 | 73653043 | 8.686    | 9.898      |
| 14)                         | MA Endrin       | 5.969 | 6.672 | 19431687 | 53137472 | 8.497    | 9.159      |
| 15)                         | B Endosulfa...  | 6.242 | 6.886 | 21421335 | 62939208 | 9.541    | 10.367     |
| 16)                         | A 4,4'-DDD      | 6.095 | 6.798 | 18475578 | 58115560 | 8.739    | 9.938      |
| 17)                         | MA 4,4'-DDT     | 6.334 | 7.095 | 16663321 | 48680882 | 7.839    | 8.448      |
| 18)                         | B Endrin al...  | 6.411 | 7.011 | 18711459 | 55868804 | 11.347   | 11.854     |
| 19)                         | B Endosulfa...  | 6.622 | 7.234 | 11257577 | 34272098 | 5.836    | 5.968      |
| 20)                         | A Methoxychlor  | 6.881 | 7.557 | 45280886 | 134.5E6  | 45.566   | 48.312     |
| 21)                         | B Endrin ke...  | 7.115 | 7.707 | 22384174 | 72880281 | 10.782   | 11.037     |
| 22)                         | Toxaphene-1     | 5.713 | 6.381 | 25012811 | 1209654  | 1483.969 | 36.787 #   |
| 23)                         | Toxaphene-2     | 6.095 | 6.672 | 18475578 | 53137472 | 1094.607 | 1481.981 # |
| 24)                         | Toxaphene-3     | 6.242 | 7.095 | 21421335 | 48680882 | 548.580  | 505.467    |
| 25)                         | Toxaphene-4     | 0.000 | 7.234 | 0        | 34272098 | N.D.     | 354.316    |
| 26)                         | Toxaphene-5     | 0.000 | 7.660 | 0        | 2339224  | N.D.     | 31.242     |
| -----                       |                 |       |       |          |          |          |            |

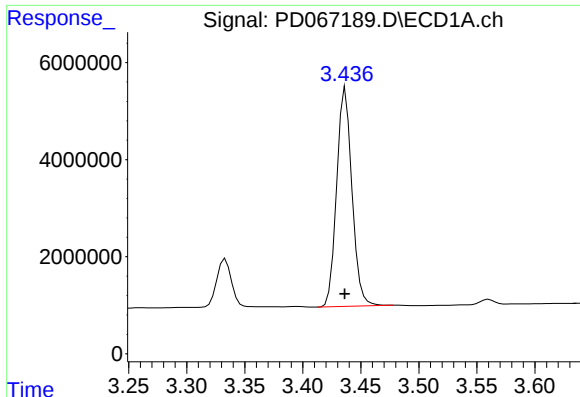
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120321\  
Data File : PD067189.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Dec 2021 09:40  
Operator : AR\AJ  
Sample : PB141071BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 03 04:53:11 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112921CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 30 05:28:01 2021  
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 x 0.50µm

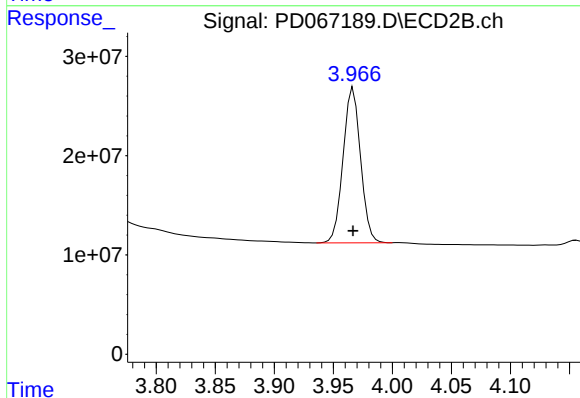




#1 Tetrachloro-m-xylene

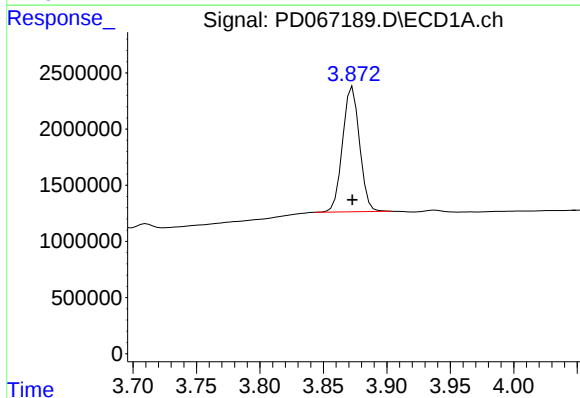
R.T.: 3.437 min  
Delta R.T.: 0.000 min  
Response: 41444471  
Conc: 18.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



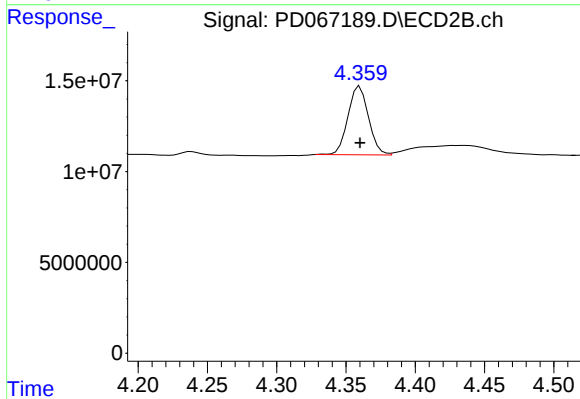
#1 Tetrachloro-m-xylene

R.T.: 3.967 min  
Delta R.T.: 0.000 min  
Response: 160974241  
Conc: 20.09 ng/ml



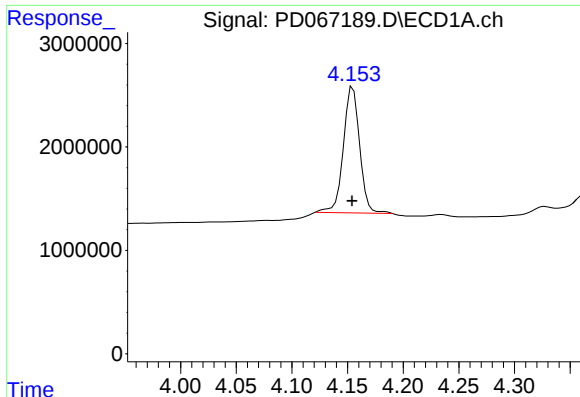
#2 alpha-BHC

R.T.: 3.873 min  
Delta R.T.: 0.000 min  
Response: 10373668  
Conc: 3.17 ng/ml



#2 alpha-BHC

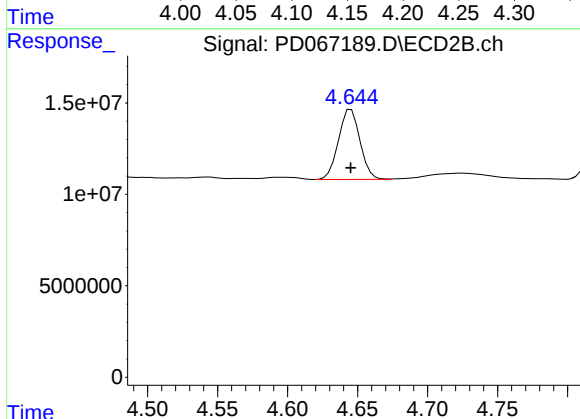
R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 39104389  
Conc: 3.65 ng/ml



#3 gamma-BHC (Lindane)

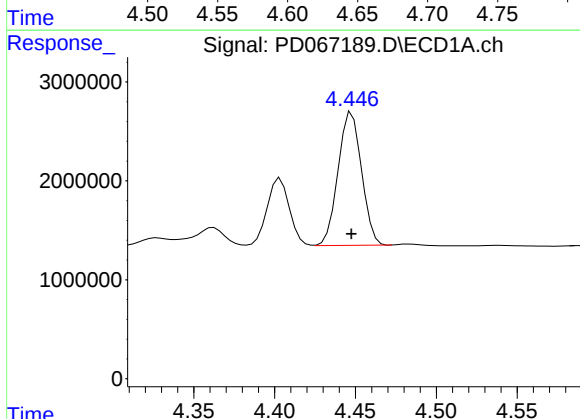
R.T.: 4.155 min  
Delta R.T.: 0.000 min  
Response: 12399263  
Conc: 3.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



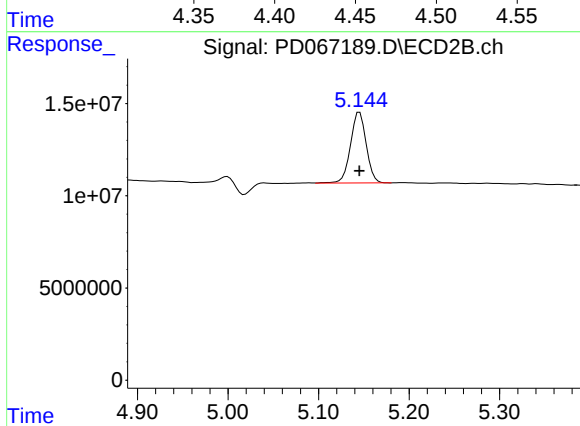
#3 gamma-BHC (Lindane)

R.T.: 4.645 min  
Delta R.T.: 0.000 min  
Response: 41066262  
Conc: 4.09 ng/ml



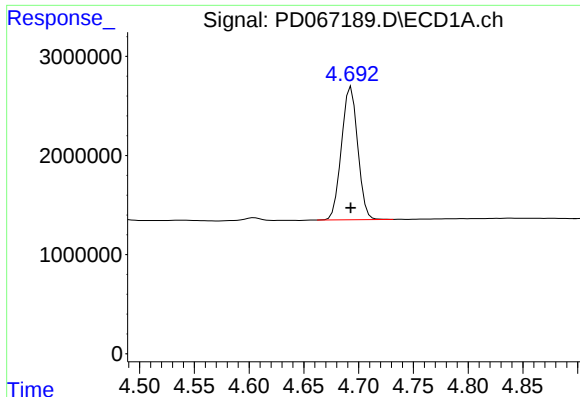
#4 Heptachlor

R.T.: 4.448 min  
Delta R.T.: 0.000 min  
Response: 13599375  
Conc: 4.24 ng/ml



#4 Heptachlor

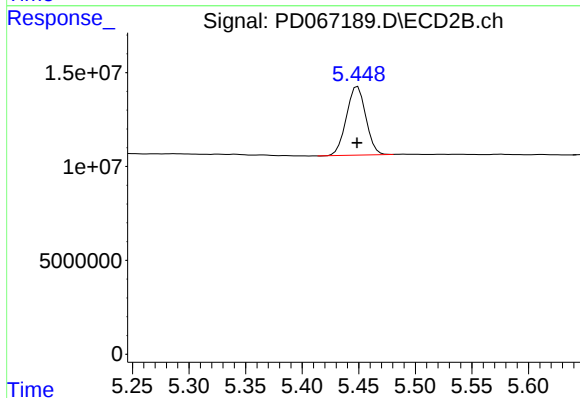
R.T.: 5.145 min  
Delta R.T.: 0.000 min  
Response: 46491241  
Conc: 4.98 ng/ml



#5 Aldrin

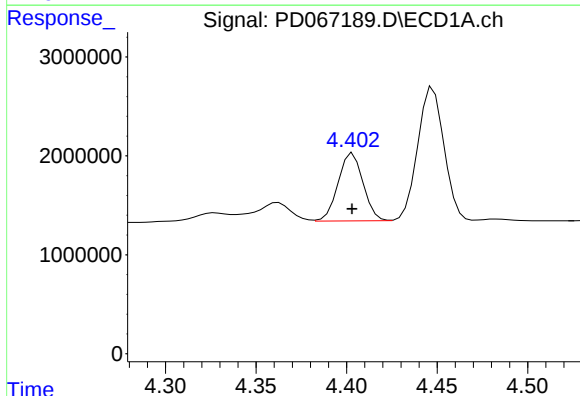
R.T.: 4.693 min  
Delta R.T.: 0.000 min  
Response: 13841547  
Conc: 4.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



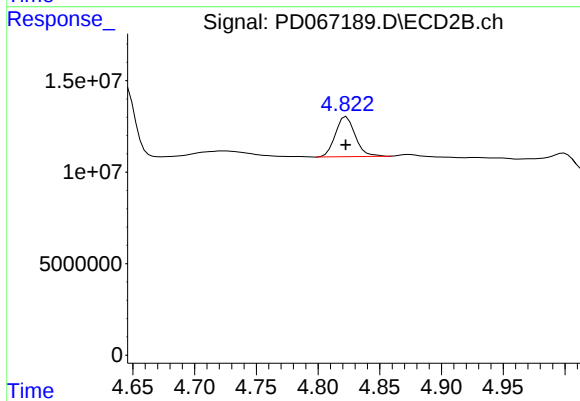
#5 Aldrin

R.T.: 5.449 min  
Delta R.T.: 0.000 min  
Response: 43597720  
Conc: 5.06 ng/ml



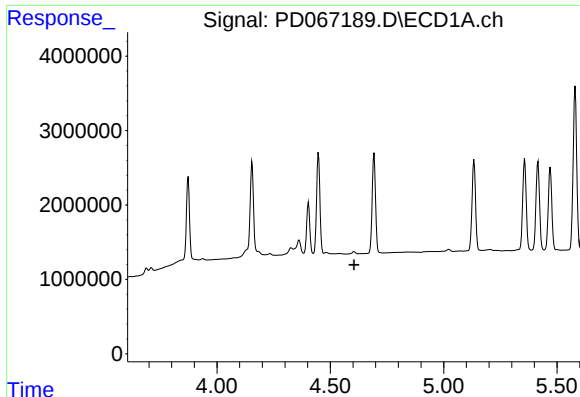
#6 beta-BHC

R.T.: 4.403 min  
Delta R.T.: 0.000 min  
Response: 6604171  
Conc: 4.96 ng/ml



#6 beta-BHC

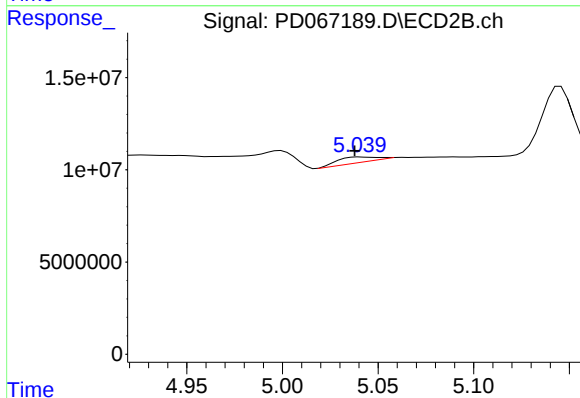
R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 24509129  
Conc: 5.31 ng/ml



#7 delta-BHC

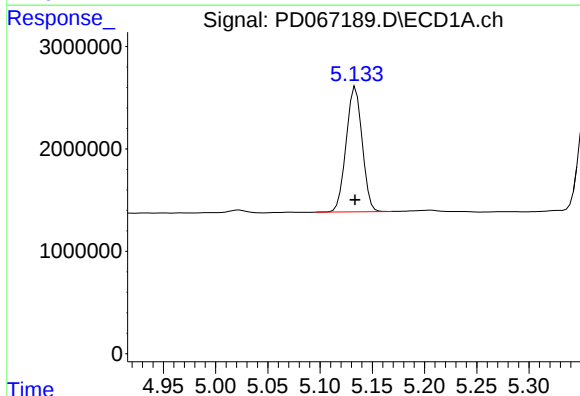
R.T.: 0.000 min  
Exp R.T.: 4.605 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



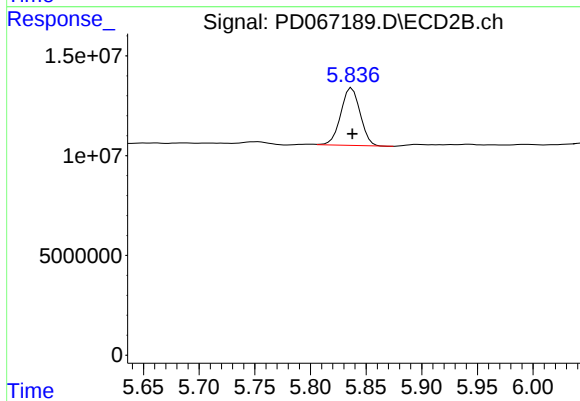
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: 0.003 min  
Response: 4179792  
Conc: 0.47 ng/ml



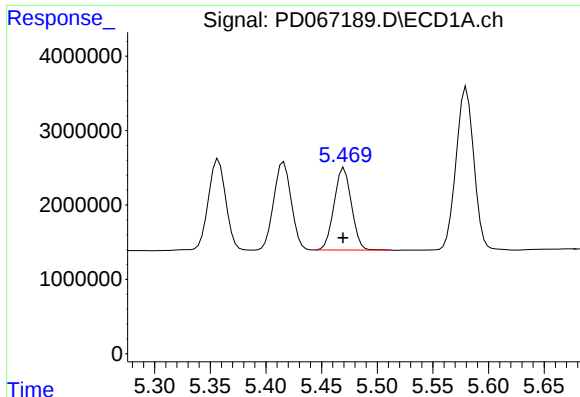
#8 Heptachlor epoxide

R.T.: 5.134 min  
Delta R.T.: 0.000 min  
Response: 13028591  
Conc: 4.72 ng/ml



#8 Heptachlor epoxide

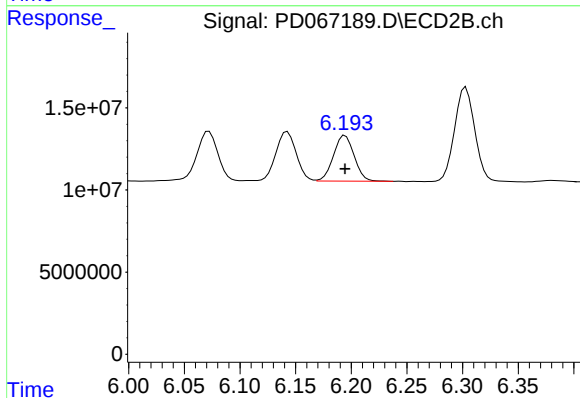
R.T.: 5.837 min  
Delta R.T.: 0.000 min  
Response: 35006052  
Conc: 4.99 ng/ml



#9 Endosulfan I

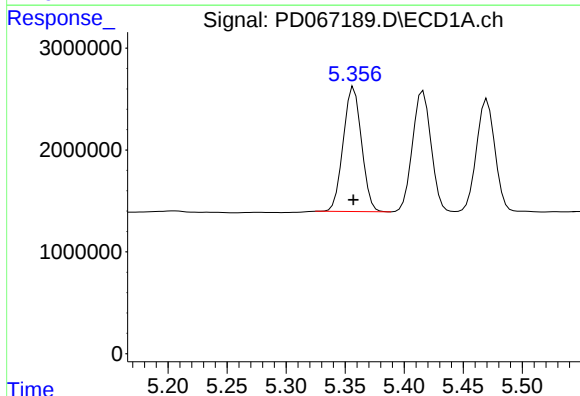
R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 11992870  
Conc: 4.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



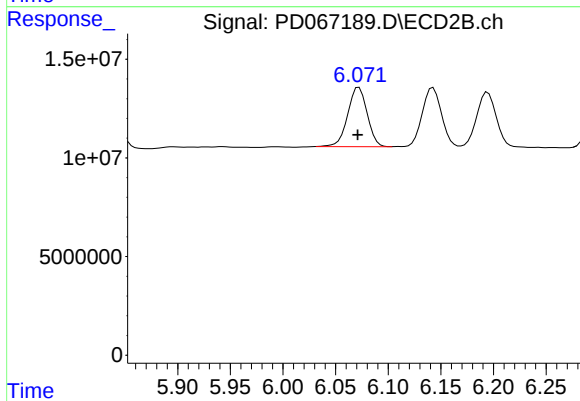
#9 Endosulfan I

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 35997702  
Conc: 4.97 ng/ml



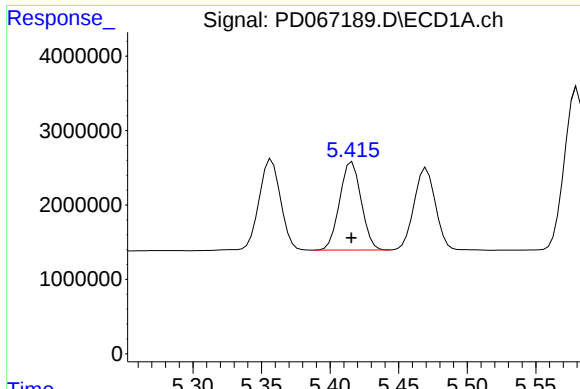
#10 trans-Chlordane

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 13207924  
Conc: 4.69 ng/ml



#10 trans-Chlordane

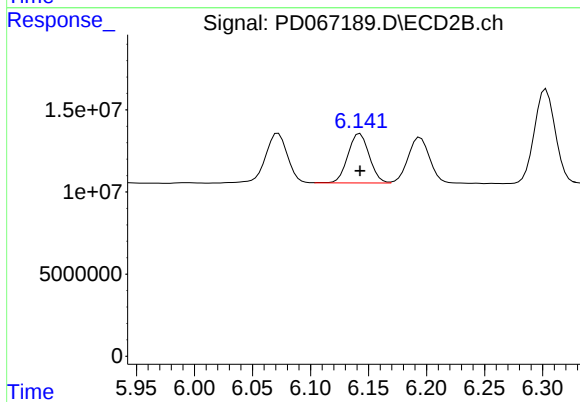
R.T.: 6.072 min  
Delta R.T.: 0.001 min  
Response: 38952099  
Conc: 5.13 ng/ml



#11 cis-Chlordane

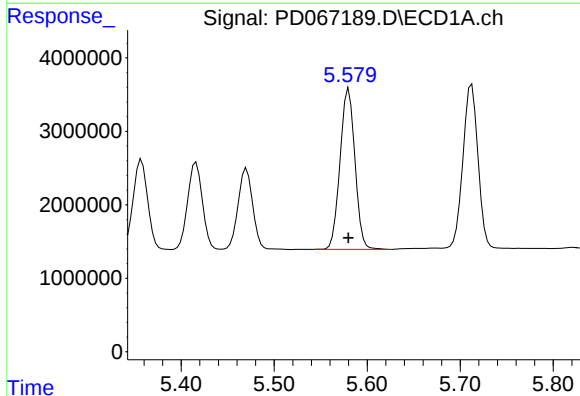
R.T.: 5.416 min  
Delta R.T.: 0.000 min  
Response: 12980690  
Conc: 4.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



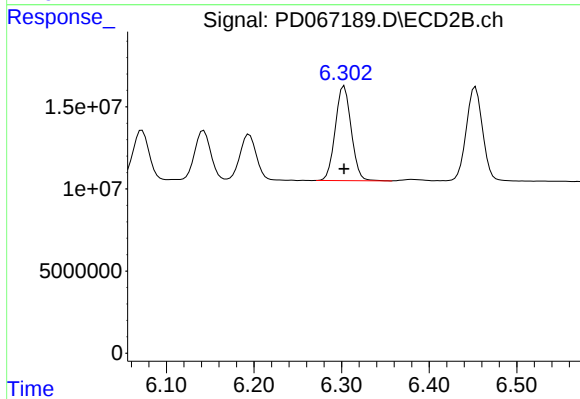
#11 cis-Chlordane

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 38420272  
Conc: 5.19 ng/ml



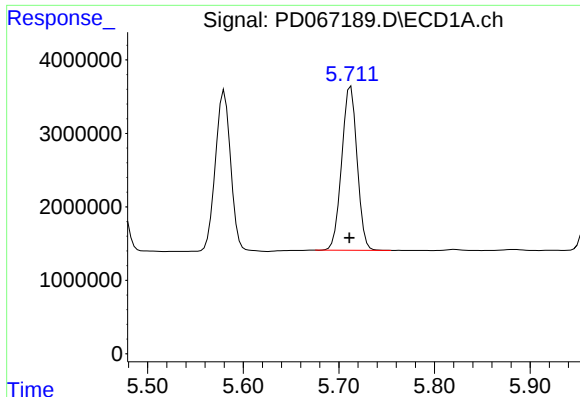
#12 4,4'-DDE

R.T.: 5.580 min  
Delta R.T.: 0.000 min  
Response: 24372168  
Conc: 9.74 ng/ml



#12 4,4'-DDE

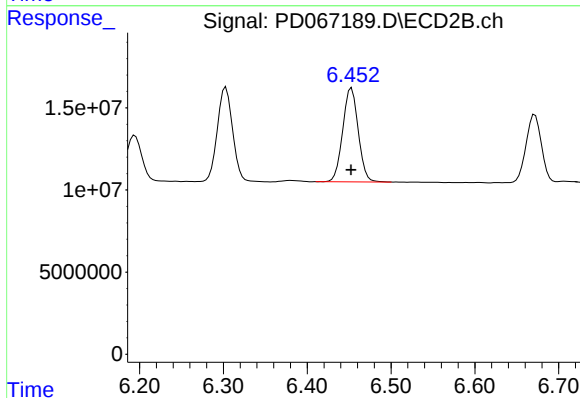
R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 72848662  
Conc: 10.87 ng/ml



#13 Dieldrin

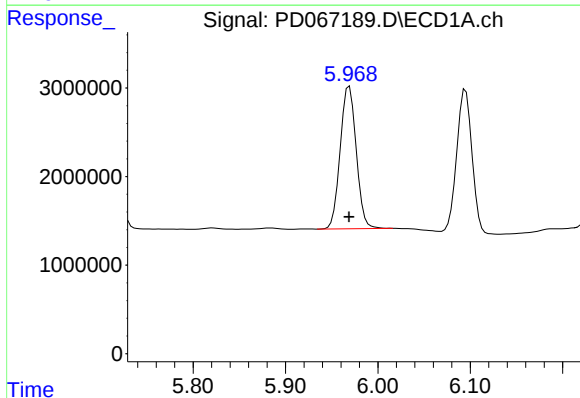
R.T.: 5.713 min  
Delta R.T.: 0.001 min  
Response: 25012811  
Conc: 8.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



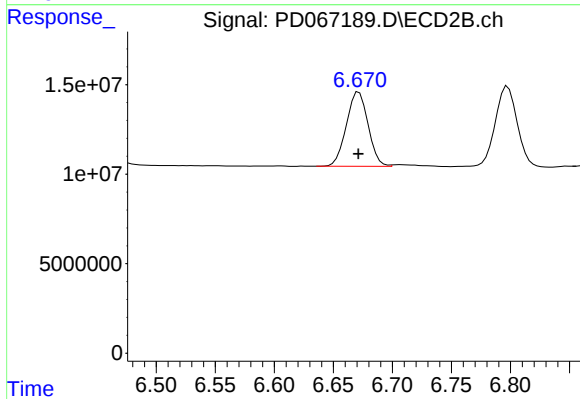
#13 Dieldrin

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 73653043  
Conc: 9.90 ng/ml



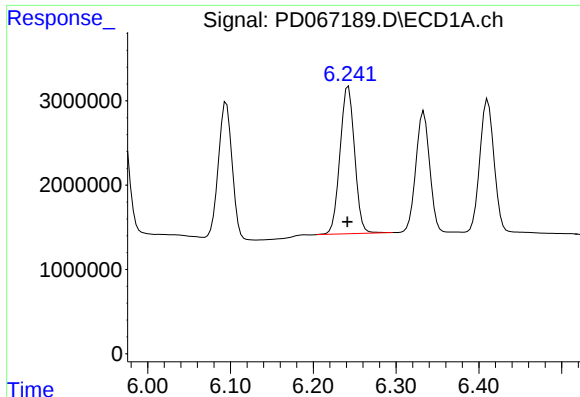
#14 Endrin

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 19431687  
Conc: 8.50 ng/ml



#14 Endrin

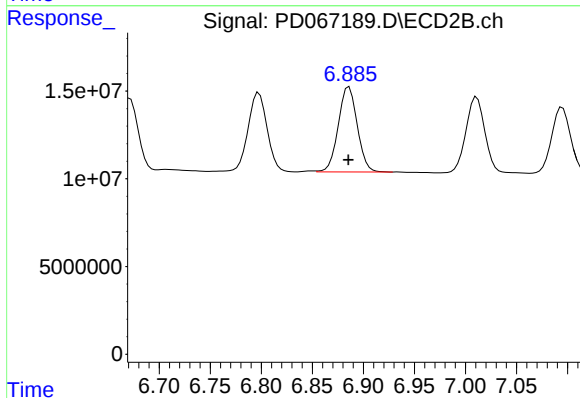
R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 53137472  
Conc: 9.16 ng/ml



#15 Endosulfan II

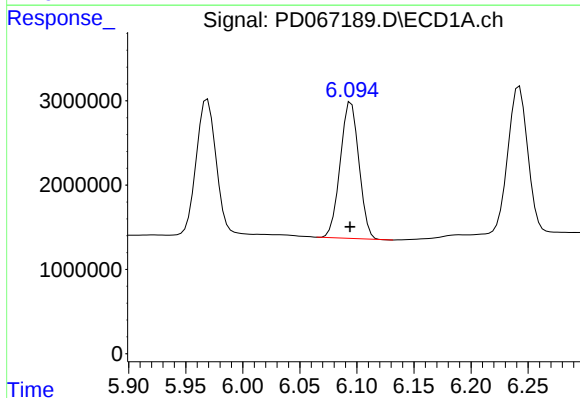
R.T.: 6.242 min  
Delta R.T.: 0.001 min  
Response: 21421335  
Conc: 9.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



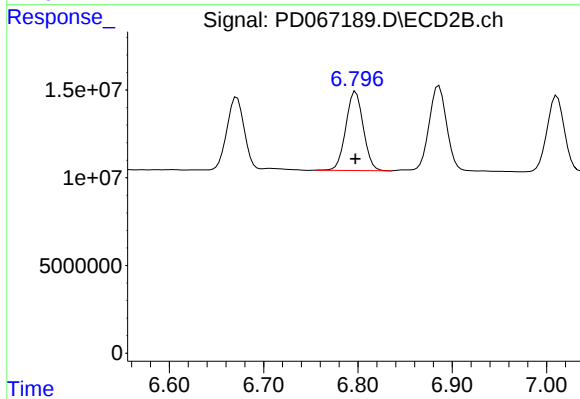
#15 Endosulfan II

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 62939208  
Conc: 10.37 ng/ml



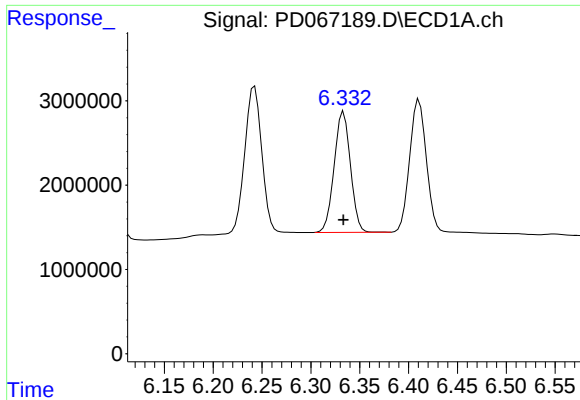
#16 4,4'-DDD

R.T.: 6.095 min  
Delta R.T.: 0.000 min  
Response: 18475578  
Conc: 8.74 ng/ml



#16 4,4'-DDD

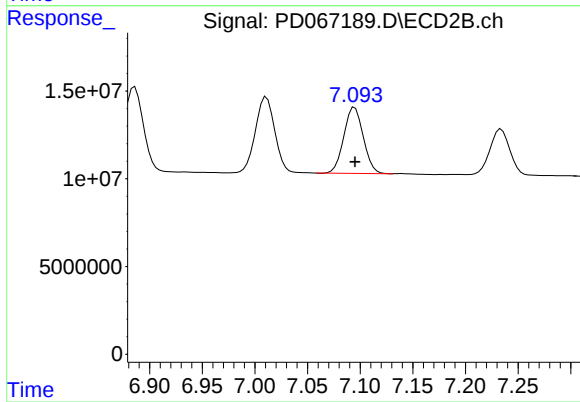
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 58115560  
Conc: 9.94 ng/ml



#17 4,4'-DDT

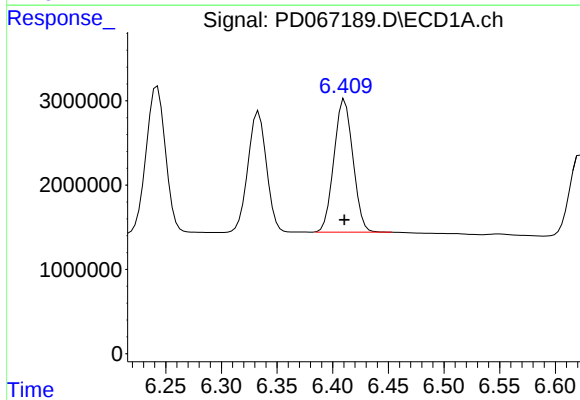
R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 16663321  
Conc: 7.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



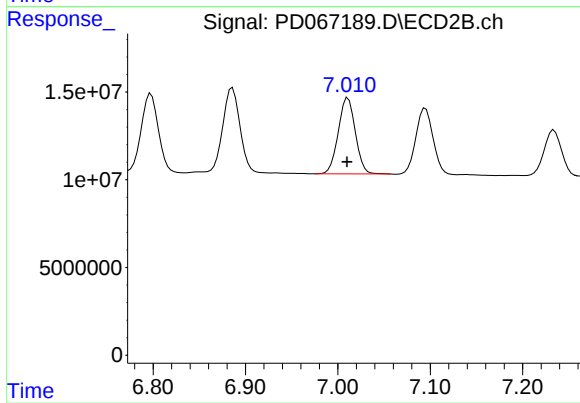
#17 4,4'-DDT

R.T.: 7.095 min  
Delta R.T.: 0.000 min  
Response: 48680882  
Conc: 8.45 ng/ml



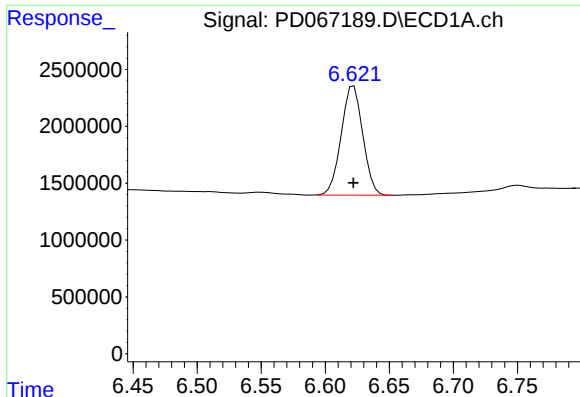
#18 Endrin aldehyde

R.T.: 6.411 min  
Delta R.T.: 0.000 min  
Response: 18711459  
Conc: 11.35 ng/ml



#18 Endrin aldehyde

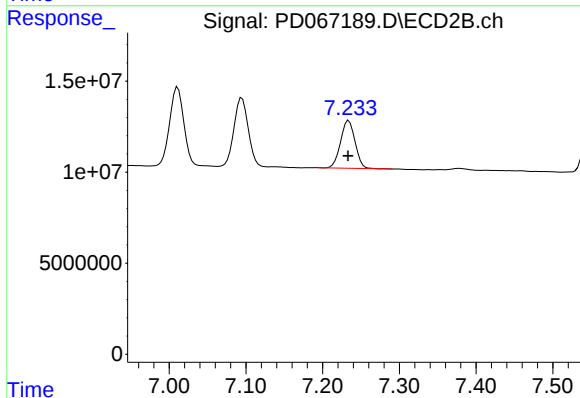
R.T.: 7.011 min  
Delta R.T.: 0.001 min  
Response: 55868804  
Conc: 11.85 ng/ml



#19 Endosulfan Sulfate

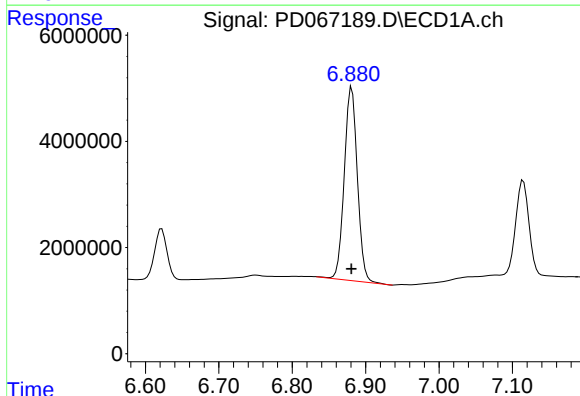
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 11257577  
Conc: 5.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



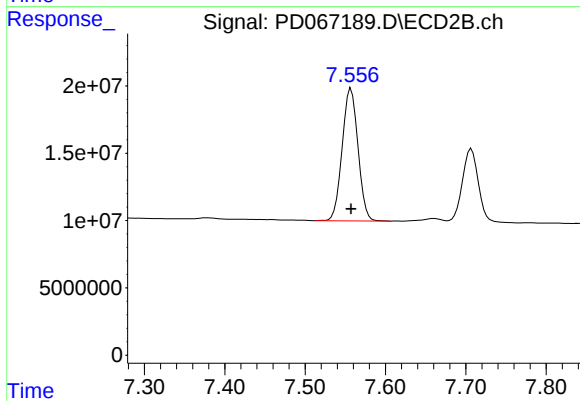
#19 Endosulfan Sulfate

R.T.: 7.234 min  
Delta R.T.: 0.001 min  
Response: 34272098  
Conc: 5.97 ng/ml



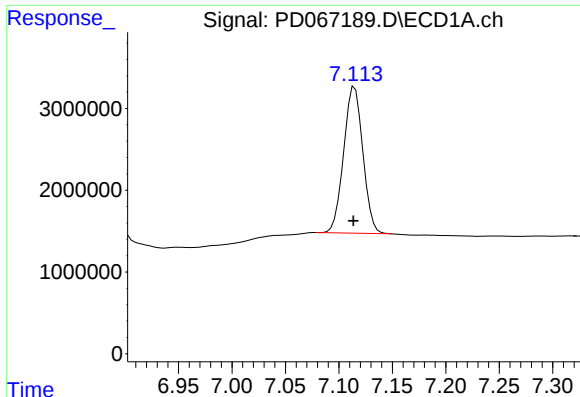
#20 Methoxychlor

R.T.: 6.881 min  
Delta R.T.: 0.000 min  
Response: 45280886  
Conc: 45.57 ng/ml



#20 Methoxychlor

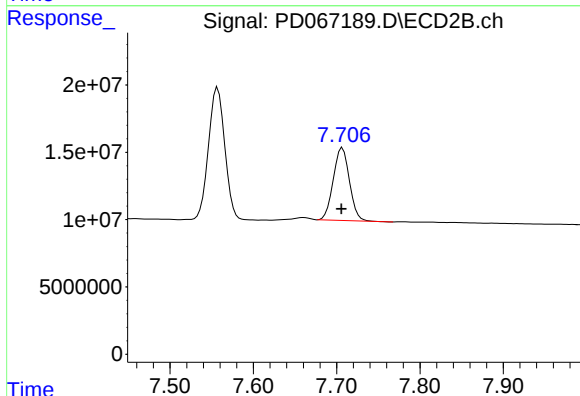
R.T.: 7.557 min  
Delta R.T.: 0.000 min  
Response: 134465418  
Conc: 48.31 ng/ml



#21 Endrin ketone

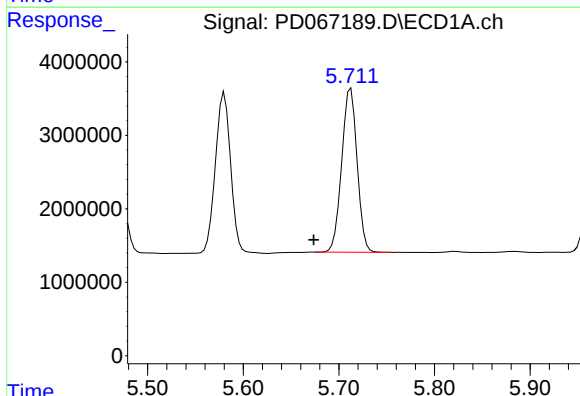
R.T.: 7.115 min  
Delta R.T.: 0.001 min  
Response: 22384174  
Conc: 10.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



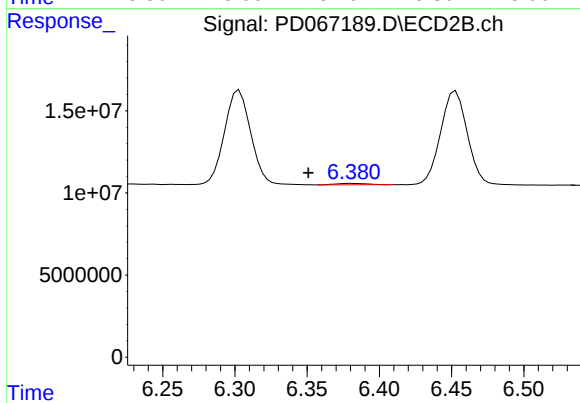
#21 Endrin ketone

R.T.: 7.707 min  
Delta R.T.: 0.001 min  
Response: 72880281  
Conc: 11.04 ng/ml



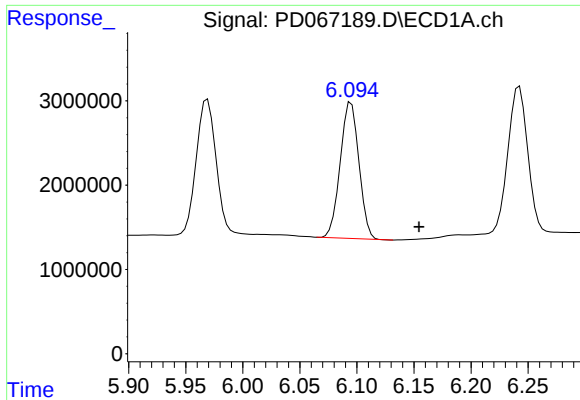
#22 Toxaphene-1

R.T.: 5.713 min  
Delta R.T.: 0.039 min  
Response: 25012811  
Conc: 1483.97 ng/ml



#22 Toxaphene-1

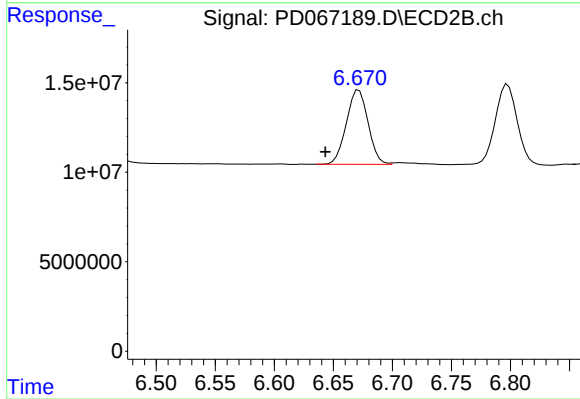
R.T.: 6.381 min  
Delta R.T.: 0.031 min  
Response: 1209654  
Conc: 36.79 ng/ml



#23 Toxaphene-2

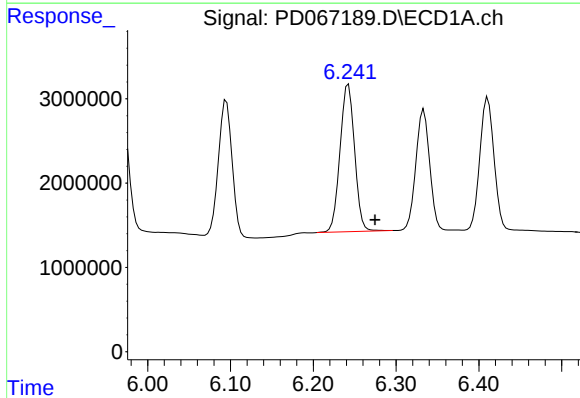
R.T.: 6.095 min  
Delta R.T.: -0.060 min  
Response: 18475578  
Conc: 1094.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



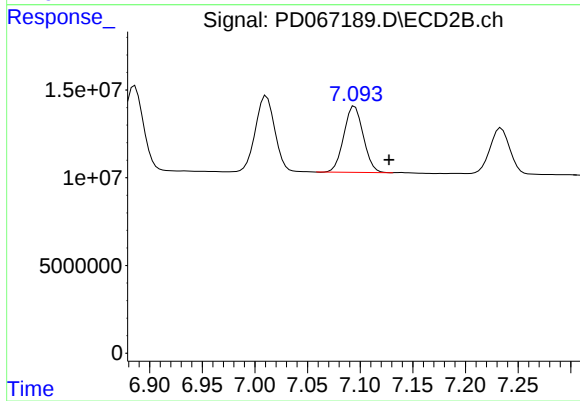
#23 Toxaphene-2

R.T.: 6.672 min  
Delta R.T.: 0.028 min  
Response: 53137472  
Conc: 1481.98 ng/ml



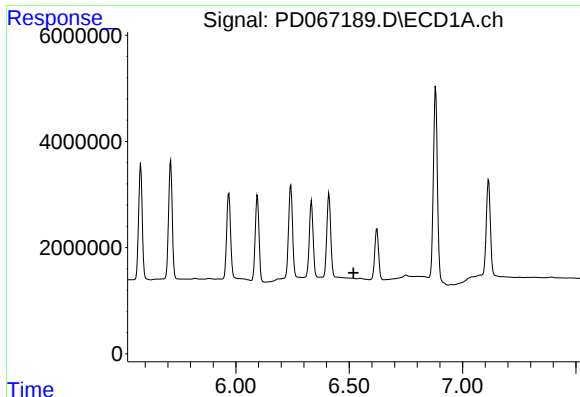
#24 Toxaphene-3

R.T.: 6.242 min  
Delta R.T.: -0.032 min  
Response: 21421335  
Conc: 548.58 ng/ml



#24 Toxaphene-3

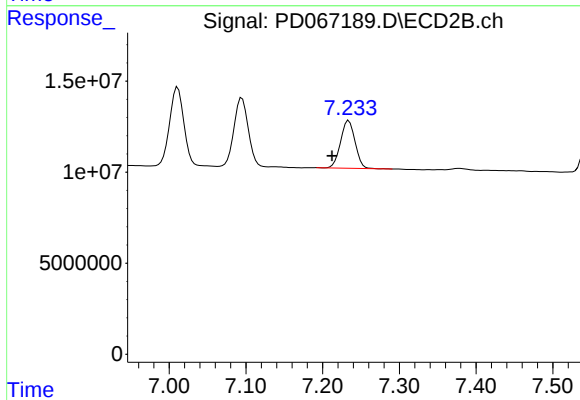
R.T.: 7.095 min  
Delta R.T.: -0.032 min  
Response: 48680882  
Conc: 505.47 ng/ml



#25 Toxaphene-4

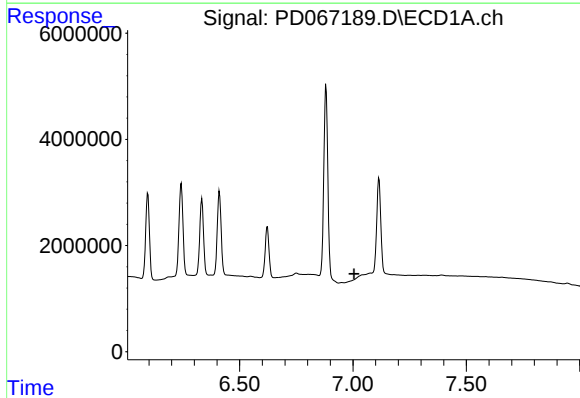
R.T.: 0.000 min  
Exp R.T.: 6.519 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



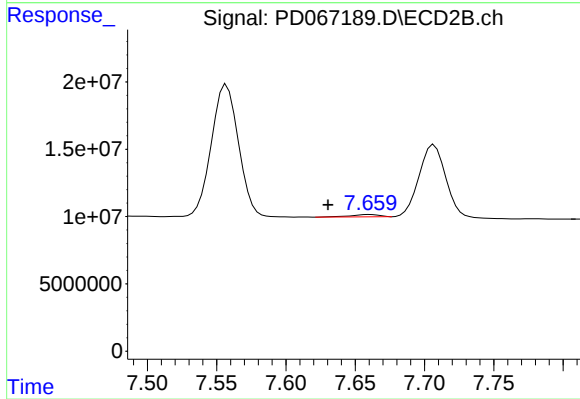
#25 Toxaphene-4

R.T.: 7.234 min  
Delta R.T.: 0.022 min  
Response: 34272098  
Conc: 354.32 ng/ml



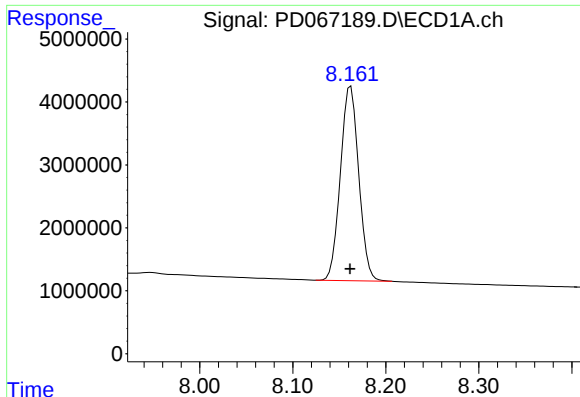
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.005 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

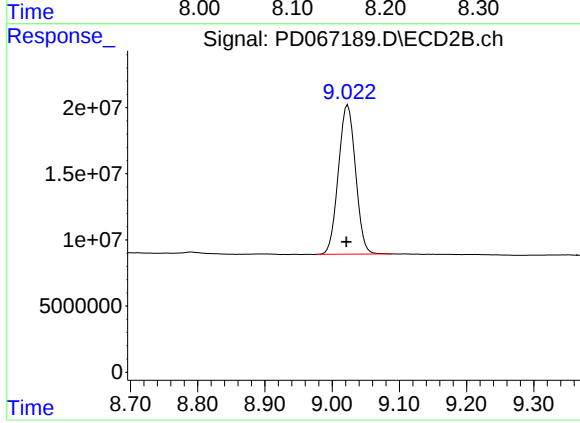
R.T.: 7.660 min  
Delta R.T.: 0.030 min  
Response: 2339224  
Conc: 31.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.162 min  
Delta R.T.: 0.000 min  
Response: 42301514  
Conc: 37.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.023 min  
Delta R.T.: 0.002 min  
Response: 199189967  
Conc: 39.28 ng/ml